DUPLICATE ALSO

THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

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JANUARY 1991

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A stormy start to the month; more settled and dry after mid month

The month began with a complex area of low pressure north-west of the British Isles, and a ridge of high pressure to the south. A succession of fronts and frontal troughs associated with this low pressure crossed all parts of the United Kingdom, while a deepening centre moved rapidly across central Scotland on the 5th. A further complex low-pressure area then affected mainly western and northern parts as it moved northwards along the western seaboard. As the low pressure drifted away during the 11th, a ridge of high pressure extended northwards to cover all of the British Isles by midday on the 13th. An anticyclone centred over the Midlands intensified over the next few days, blocking the progress of a front trailing to the west of the British Isles. The anticyclone drifted slowly north-eastwards to be centred over the Baltic Sea by early on the 14th. By the 17th the anticyclone was declining and moving away across eastern Europe, and a succession of frontal troughs crossed the United Kingdom from west to east during the next two days. On the 19th most of England and Wales came under the influence of high pressure centred over the Bay of Biscay; further weakening fronts worked their way south-eastwards, and cleared southern England during the 21st. Pressure remained high over the United Kingdom from the 23rd until the 29th, although weak frontal activity continued to affect northern areas from time to time. A front trailing to the west of the British Isles early on the 29th moved very slowly eastwards over the next 24 hours and formed a complex trough of low pressure which remained over Great Britain until late on the 31st; meanwhile the Scandinavian high intensified once more.

Weather

The weather was frequently stormy during the first week, with strong winds, rain and snow, and long sunny periods in between. On the 1st, periods of heavy rain aggravated by rapidly melting snow caused flooding in many areas of southern Scotland. On the 5th, gales coupled with high tides caused extensive and costly damage to parts of western and southern coasts from Strathclyde to Sussex, as the sea breached defences. There was considerable flooding in many areas and disruption to power supplies and transport, especially in the west. After the 10th the month was generally dry, although there was rain in many places between the 17th and 20th, and snow in some western areas on the 30th and 31st. Thundery outbreaks were frequent and widespread between the 3rd and 7th. There were isolated reports of thunder on the 9th and 10th and a broad area of thundery activity over south-east England on the 11th.

Wind

The month started windy over the United Kingdom and gusts exceeded 70 kn at a number of places, including 71 kn at Butt of Lewis, Western Isles on the 2nd, 78 kn at Greenock Port, Strathclyde Region on the 5th and 71 kn at Langdon Bay, Kent on the 8th. A gust of 72 kn was measured at Benbecula, Western Isles on the 18th. Wind directions were mainly southerly or variable.

Temperature

Mean monthly temperatures were above normal in northern Scotland and central and south-eastern England including East Anglia, and below normal elsewhere, ranging from 1.5 °C above normal at Bexhill, Kent to 1.5 °C below normal at the Lizard, Cornwall.

From the 24th until the end of the month it remained cold in many central areas with afternoon temperatures barely reaching 3 °C in many places. The highest temperature was 14.6 °C at Madley, Hereford and Worcester on the 1st and the lowest was −14.4 °C at Kindrogan, Tayside Region on the 14th.

Rainfall

Monthly rainfall totals were above normal everywhere, except in eastern Scotland, the Western Isles, East Anglia, and in northern and eastern England; the area around Aberdeen had about 30% of normal and nearby Fyvie Castle had as little as 20% of normal. In contrast Ardtalnaig, Tayside Region and Newton Rigg, Cumbria had more than 160% of normal rainfall.

Over Northern Ireland as a whole it was the driest January since 1972. Among heavy falls during the month were 83 mm at Dalwhinnie, Highland Region, 76 mm at Ardentinny, Strathclyde Region, and 64 mm at Pencelli, Powys, all on the 1st and 74 mm at Kinlochewe, Highland Region on the 19th.

Snow

Between the 3rd and 5th snow showers were frequent over Scotland and heavy enough to disrupt traffic on upland highways. Snow or sleet fell as far south as the Cotswolds on the 6th and 7th and Shropshire on the 9th. Heavy snow fell in southern Scotland on the 8th. Early on the 12th snow fell over South Wales and 12 cm of level snow lay on the Southern Uplands; snowfall was reported mainly over Scotland on the 13th, 14th, and 16th, and over high ground in Wales on the 25th. On the the 27th further falls of snow were reported over Wales, north-west England and the Midlands. On the 29th snow fell over North Wales and eastern England and mainly as sleet over high ground in Scotland. On the 30th snow or sleet fell over western and southern areas, with snow depths of 5 cm reported on the 31st on high ground in South Wales and the Midlands, increasing to 15 cm over high ground in South Wales and 10 cm over north Devon.

Sunshine

Monthly sunshine amounts were above average nearly everywhere, although it was rather dull over much of western and south-western Scotland, and ranged from 202% of average at Tynemouth, Tyne and Wear to as little as 69% of average at Kinlochewe, Highland Region.

Daily, between the 12th and 16th, 6 or 7 hours of sunshine were recorded in many parts of England and southern and eastern Scotland. It was the sunniest January over Northern Ireland since 1959 and at Wick, Highland Region since records began there in 1946. Highest monthly sunshine total was 97 hours at Tynemouth, Tyne and Wear and the most in a day was 8.3 hours at Twist, Devon on the 19th.

Fog

Patchy fog occurred overnight on the 14th over Wales, the Midlands, East Anglia and southern England, and became dense in places. Parts of southern England and East Anglia had dense fog later on the 17th. Fog formed over parts of England early on the 18th, and on the 21st over much of Northern Ireland and parts of England and Wales. Fog patches persisted all day over parts of England and Wales on the 22nd; it formed over parts of Wales and northern England on the 23rd and 24th, persisting over Yorkshire for a time on the 23rd. Further fog patches occurred over northern England and eastern Scotland on the 25th. Some fog occurred over hills on the 27th and 28th; the incidence of coastal fog was negligible.

Miscellaneous Phenomena

None reported.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp °C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max	Min.	Mean				
			Difference from average					% of average	
0 Scotland N	11.1	−10.1	+0.2	−0.1	+0.1	−0.4	−3	102	140
1 Scotland E	12.1	−10.5	−0.4	−0.5	−0.5	−0.4	−4	99	135
2 England E & NE	12.6	−6.7	−0.2	−0.3	−0.3	−0.1	−2	94	143
3 East Anglia	13.3	−5.5	+0.4	+0.5	+0.5	+0.6	−3	86	151
4 Midland Counties	13.4	−6.6	−0.1	−0.5	−0.3	0.0	−2	111	141
5 England SE & Central S	13.1	−3.8	+0.4	+0.8	+0.6	+0.8	−1	134	124
6 Scotland W	12.0	−9.8	−0.4	−0.3	−0.4	−0.4	−1	105	99
7 England NW & Wales N	13.3	−6.9	−0.5	−0.8	−0.6	−0.3	−3	92	136
8 England SW & Wales S	13.8	−4.6	−0.2	−0.1	−0.3	−0.1	−1	122	133
N Ireland	13.2	−6.0	−0.5	−0.5	−0.5	−0.7	−2	93	138
Scotland	12.1	−10.5	−0.2	−0.3	−0.3	−0.4	−3	102	125
England & Wales	13.8	−6.9	0.0	−0.1	−0.1	+0.1	−2	108	138

* Highest maximum and lowest minimum of District Value Stations

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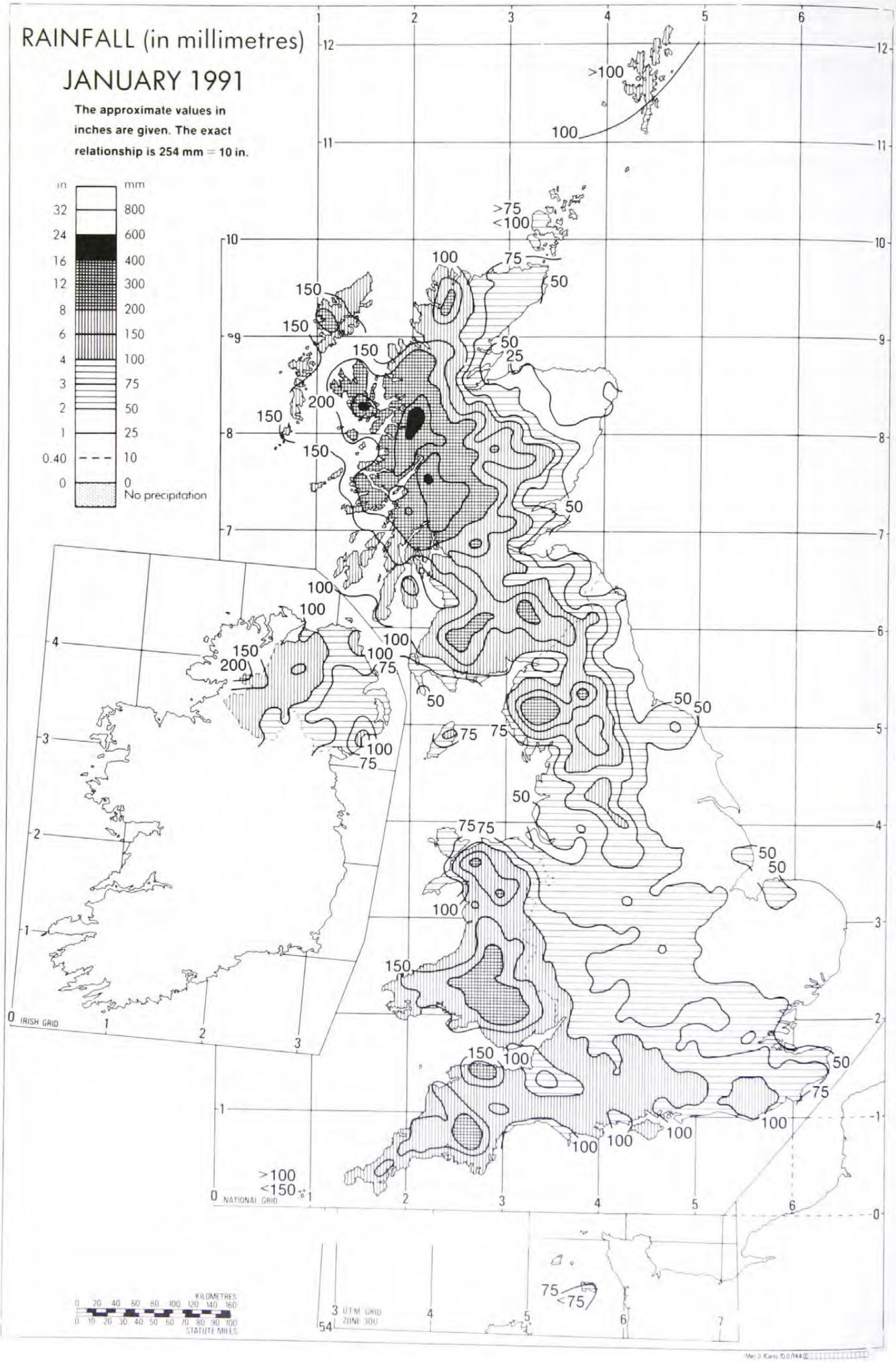
Additional to Monthly Parts, each Annual Volume of the Weather Report includes an explanatory Introduction and a Summary for the year.

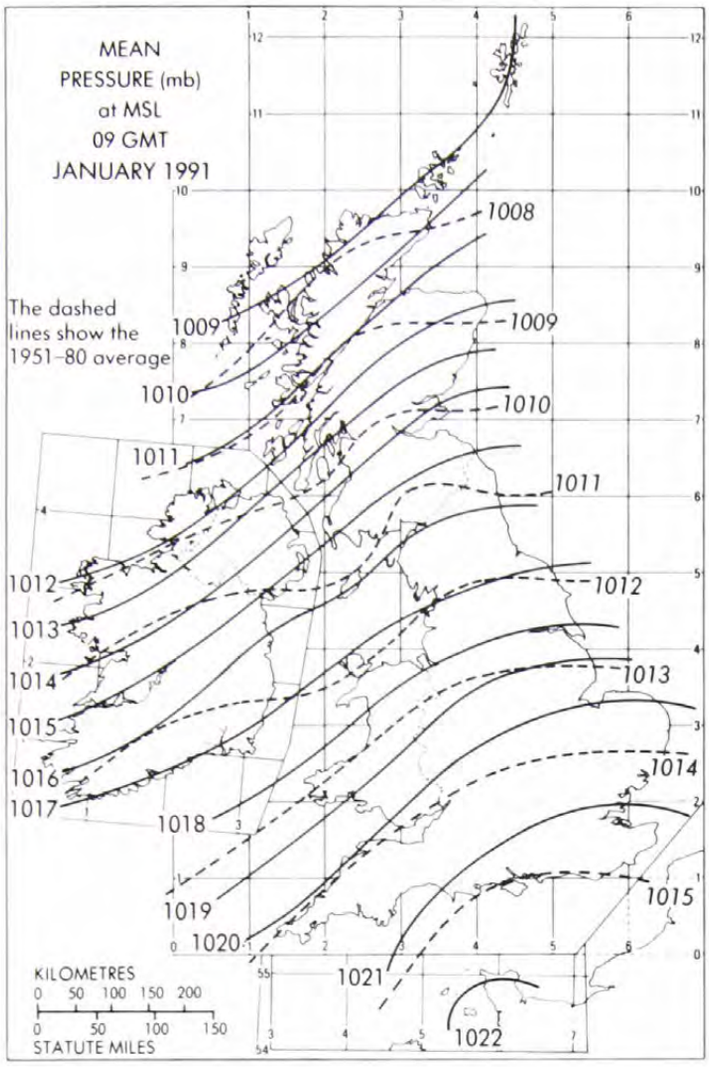
RAINFALL (in millimetres)

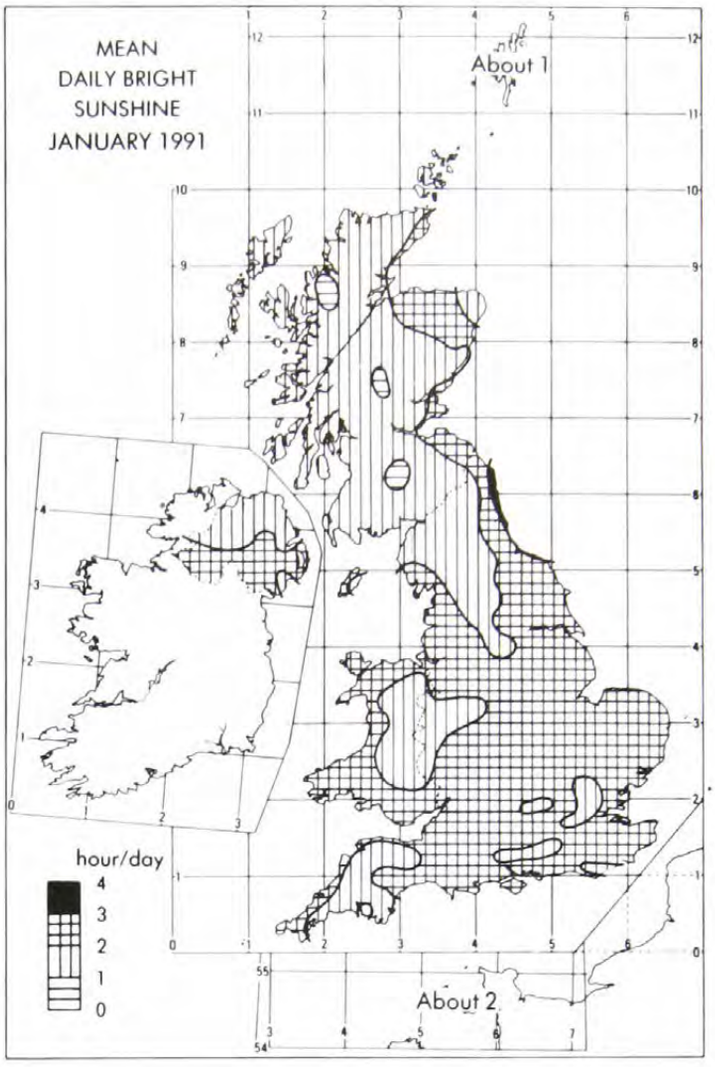
JANUARY 1991

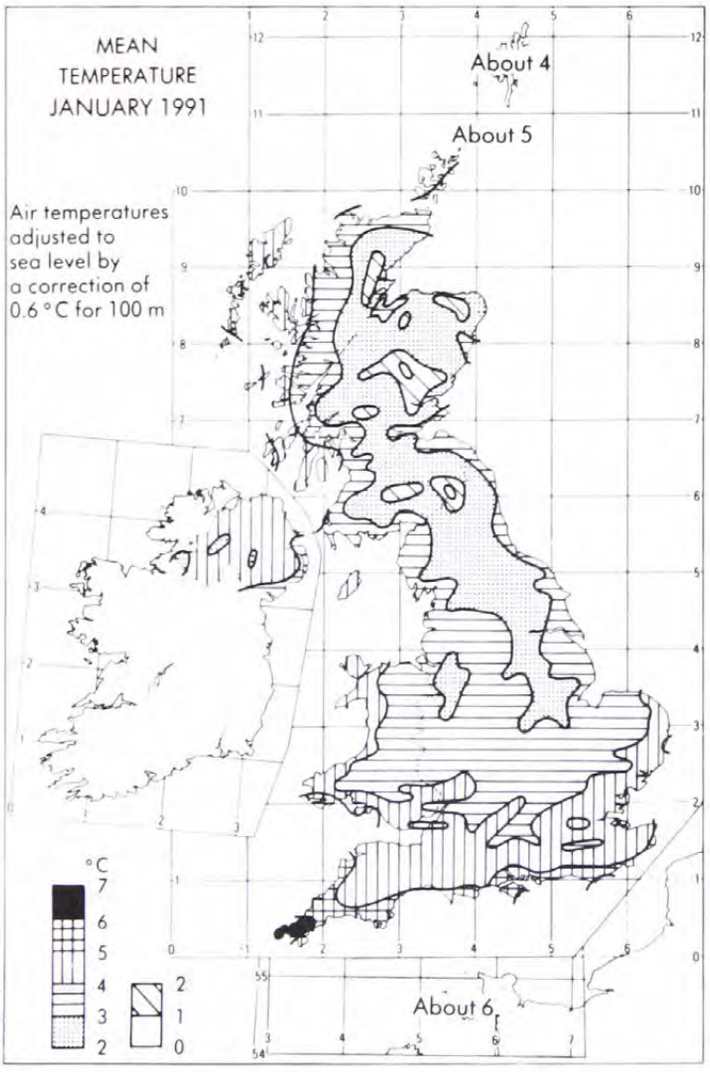
The approximate values in inches are given. The exact relationship is 254 mm = 10 in.

in	mm
32	800
24	600
16	400
12	300
8	200
6	150
4	100
3	75
2	50
1	25
0.40	10
0	0 No precipitation




MEAN
PRESSURE (mb)
at MSL
09 GMT
JANUARY 1991
The dashed lines show the 1951–80 average
1008
1009
1009
1010
1010
1011
1011
1012
1012
1013
1013
1014
1014
1015
1015
1016
1017
1018
1019
1020
1021
1022
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
JANUARY 1991
About 1
About 2
hour/day
4
3
2
1
0


MEAN
TEMPERATURE
JANUARY 1991
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
About 4
About 5
About 6
°C
7
6
5
4
3
2
2
1
0

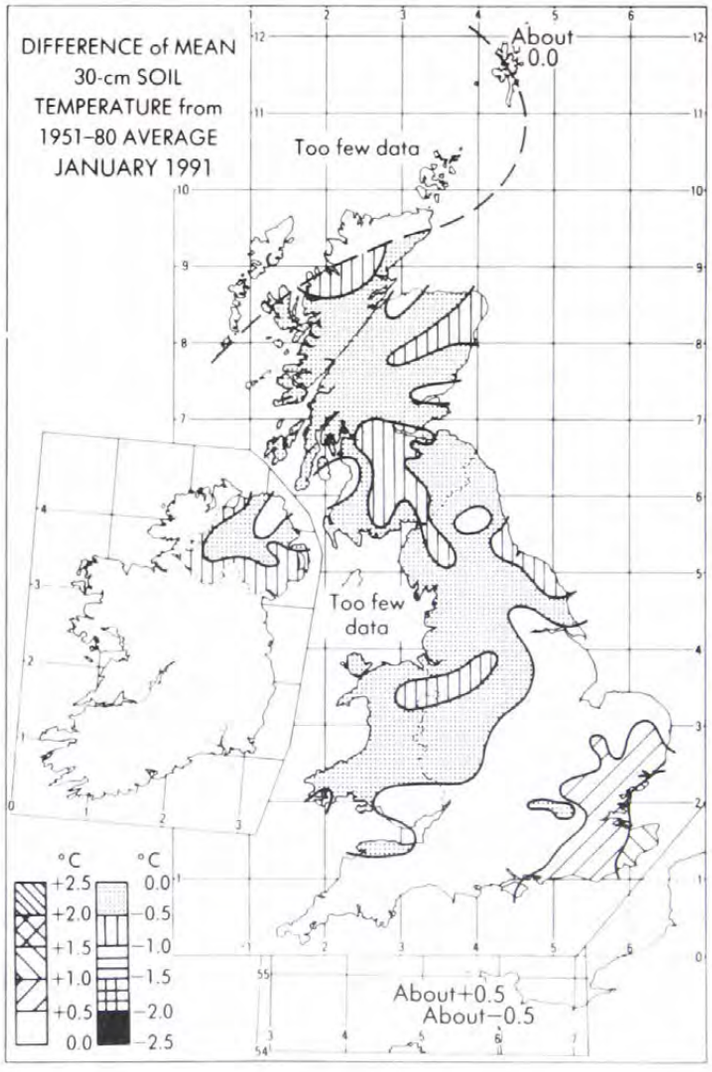

DIFFERENCE of MEAN
30-cm SOIL
TEMPERATURE from
1951–80 AVERAGE
JANUARY 1991
About 0.0
Too few data
Too few data
About+0.5
About−0.5
°C
+2.5
+2.0
+1.5
+1.0
+0.5
0.0
°C
0.0
0.5
1.0
1.5
2.0
2.5

Table 2 Solar radiation

January 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	2.6	31	0.1	17	1.0	31	1.7	27	0.1	17	0.7	31
Stornoway	3.8	31	0.2	1	1.3	31	1.6	26	0.2	1	0.9	31
Aviemore	5.1	31	0.6	7	1.7	30	1.9	30	0.6	7	1.2	31
Aberdeen	3.2	31	0.3	1	1.8	31						
Dunstaffnage	5.1	31	0.4	5	1.8	28						
Shanwell	3.4	14	0.5	28	1.9	31	2.4	26	0.5	28	1.3	31
Auchincruive	4.9	31	0.2	1	1.7	30						
Eskdalemuir	3.4	21	0.2	5	1.4	31	1.9	26	0.2	5	1.0	31
Sunderland Poly	6.2	26	0.8	29	2.5	21						
Hazelrigg	4.4	22	0.4	29	2.0	31	2.8	15	0.4	29	1.4	31
Cawood	4.9	23	0.5	18	2.3	31						
Aughton	4.4	22	0.6	29	2.2	31	2.6	26	0.6	29	1.4	31
Finningley	4.7	23	0.6	29	2.5	31	2.7	26	0.6	29	1.4	31
Sutton Bonington	4.6	13	0.5	29	2.5	27						
Hemsby	4.5	28	0.6	27	2.7	31	2.6	28	0.6	27	1.6	31
Denver Complex	5.0	21	0.8	17,26	2.5	31						
Gogerddan	4.7	23	0.5	1	2.5	31						
Brooms Barn	4.9	14	0.9	26	2.5	31	2.2	20	0.9	26	1.4	31
Aberporth	5.5	22	0.6	1	2.8	31	2.8	31	0.6	1	1.5	31
Wallingford	4.9	13	0.5	27,29	2.2	31						
London W.C.	4.6	21	0.5	26	2.2	31	2.0	20	0.5	26	1.3	31
Easthampstead	5.1	13	0.5	27	2.4	31	2.4	24	0.5	27	1.5	31
East Malling	5.0	19	0.3	26	2.4	31	2.7	20	0.3	26	1.4	31
Crawley	5.2	14	0.5	26	2.3	31	2.5	20	0.5	26	1.5	31
Rustington	5.1	19	0.3	29	2.3	31						
Efford	5.4	19	0.5	29	2.7	31						
Camborne	6.1	22	0.5	15	2.7	31	3.7	29	0.5	15	1.7	31
Jersey	6.2	14	0.6	2	2.8	31	3.0	20	0.5	2	1.7	31
Aldergrove	4.4	30	0.3	1	2.0	31	2.2	26	0.3	1	1.3	31

Table 3 Summary of daily observations

January 1991

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation														
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets, etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
0 SCOTLAND N																													
Shetland																													
Baltasound	24	5.9	1.7	3.8	+0.7	9.2	19	−3.0	9	3.9	–	119	–	19	3	24	19	7	0	0	2	0	0	7	–	–	4	0.74	132	–
Fair Isle	57	6.5	3.3	4.9	–	8.9	1	−0.2	12	4.7	5.7	65	–	13	5	18	12	14	1	4	6	0	1	1	8	–	8	1.37	–	–
Lerwick (A)	82	5.8	2.1	3.9	+0.9	8.2	1,19, 20	−1.1	21	3.9	–	136	107	22	6	23	19	12	1	0	10	1	1	6	13	15	6	1.09	145	–
Sumburgh (A)	7	6.9	3.4	5.1	–	9.0	1	−0.5	12	–	–	–	–	–	–	–	–	6	2	0	7	0	0	2	13	10	7	–	–	–
Orkney																													
Kirkwall Airport (A)	26	5.8	1.4	3.6	+0.1	9.1	27	−1.4	12	3.2	–	81	77	12	1	20	13	12	5	1	8	1	0	8	19	18	7	1.80	180	S
Rackwick	18	6.6	1.8	4.2	–	9.9	27	−2.0	9	–	–	88	–	15	5	19	15	7	–	0	8	0	0	6	–	–	1	–	–	–
Western Isles																													
Benbecula (A)	5	7.0	2.2	4.6	+0.1	10.0	1	−2.5	7	4.5	–	125	97	18	5	21	18	9	1	0	7	0	0	3	12	10	1	1.42	114	–
Scalpay	18	(7.0)	(2.0)	4.5	–	–	–	–	–	–	–	143	–	20	19	21	18	3	0	0	6	2	–	–	–	–	3	–	–	S
Stornoway (A)	15	6.7	2.0	4.3	+0.3	10.4	19	−1.1	7, 8	3.7	–	107	93	24	1	17	16	8	1	0	8	0	0	7	11	11	5	1.28	110	–
Highland																													
Aviemore (A)	229	4.4	−1.3	1.5	–	9.4	20	−9.0	13	0.8	2.7	123	–	35	3	15	10	17	19	0	3	0	1	17	27	27	0	1.68	–	–
Cape Wrath	112	6.3	2.2	4.3	+0.1	8.9	1	0.0	9	–	–	139	124	29	29	22	16	11	2	0	6	2	1	0	10	9	11	1.47	(147)	–
Cairngorm Chairlift	663	2.7	−2.3	0.2	–	7.0	1,19, 21	−6.0	9,29, 31	1.3	–	–	–	–	–	–	–	8	19	0	0	0	3	26	–	–	13	–	–	–
Cassley	99	5.2	−1.7	1.7	–	11.1	19	−6.4	15	–	–	174	92	30	1	19	16	0	6	0	0	0	–	22	–	–	0	–	–	–
Dalcross (A)	11	6.0	−0.4	2.8	–	10.0	1,20	−5.0	31	–	–	40	83	10	1	10	9	8	2	0	0	0	2	17	26	–	1	–	–	–
Dalwhinnie	351	3.0	−2.4	0.3	–	7.4	19	−11.2	13	1.7	–	170	–	35	1, 4	16	14	12	19	0	0	0	0	23	31	–	0	1.34	–	S
Diabaig	60	(7.0)	(2.0)	4.5	–	–	–	–	–	–	–	164	–	26	1	20	18	3	3	0	0	0	–	–	–	–	0	–	–	S
Dingwall	7	5.4	−2.1	1.7	–	11.4	19	−9.5	15	–	–	56	–	15	1	13	10	0	5	0	0	0	–	24	–	–	0	–	–	–
Duartmore Bridge	30	6.0	0.0	3.0	–	9.5	1	−3.2	16	–	–	115	–	25	19	24	18	6	3	1	2	1	0	16	–	–	0	1.37	–	S
Eilanreach	8	6.6	0.4	3.5	–	12.0	18	−5.2	13	–	–	202	–	44	19	25	19	1	4	0	2	0	0	16	20	–	0	–	–	–
Fort Augustus	21	5.1	−0.2	2.5	−0.2	8.5	19,20	−6.5	15	–	–	162	145	30	1	18	14	5	5	0	2	0	0	11	–	–	2	1.49	175	S
Fortrose	5	6.0	1.2	3.6	0.0	9.4	1	−4.0	31	–	–	46	92	11	2	10	9	1	0	0	0	0	–	7	–	–	0	–	–	–
Grantown-on-Spey	220	4.4	−3.4	0.5	–	9.3	20	−10.1	31	–	–	51	–	13	3	12	9	9	19	0	0	0	2	25	31	–	0	2.20	–	–
Inverailort	2	6.8	1.1	3.9	–	11.3	18	−3.9	13,31	–	–	282	–	53	1	22	17	3	5	0	6	2	0	10	23	–	9	–	–	–
Inverness	4	6.5	0.5	3.5	+0.2	10.6	20	−3.5	31	–	–	57	116	15	2	9	8	2	2	0	0	0	0	11	26	–	0	1.93	156	–
Inverpolly	14	6.9	0.6	3.7	–	10.3	1	−2.2	9	–	–	112	–	22	19	20	18	3	9	0	2	1	–	16	–	–	2	–	–	S
Isle of Rhum	5	6.7	2.1	4.4	(0.0)	10.5	1	−3.5	31	4.1	–	290	128	50	9	24	18	5	1	0	8	1	0	5	–	–	1	1.00	–	–
Kiltarlity	75	5.0	−1.3	1.9	–	9.7	20	−6.7	15	–	–	99	–	23	3	16	12	6	10	0	1	0	0	21	28	–	0	–	–	–
Kinbrace	103	–	–	–	–	–	–	–	–	–	–	56	–	9	4	18	12	11	12	0	1	0	–	–	–	–	0	1.88	–	S
Kinlochewe	25	6.4	0.0	3.2	(+0.1)	10.7	19	−6.0	15	3.0	–	258	–	74	19	22	18	8	11	0	3	1	0	16	26	–	6	0.50	–	S
Knockanrock	244	4.9	−0.2	2.3	–	8.4	19	−3.8	15	–	–	161	–	35	19	21	15	5	–	0	0	0	–	17	–	–	0	–	–	–
Lairg	107	4.6	−2.7	0.9	–	10.0	19	−7.9	9	1.2	3.7	80	–	12	1	20	14	3	15	0	0	0	4	25	30	–	0	1.57	–	S
Lentran	146	4.8	−0.7	2.1	–	9.2	20	−5.4	31	3.2	–	72	–	17	3	12	10	9	11	0	0	0	0	18	30	–	3	–	–	–
Nairn	8	5.8	−0.1	2.9	0.0	10.2	20	−5.2	31	–	–	32	66	9	2	9	7	2	2	0	0	0	1	14	29	–	0	2.30	163	S
Onich	15	6.4	−0.2	3.1	−0.5	11.1	1	−6.5	13,14	–	–	241	120	42	19	22	21	0	3	0	0	0	2	15	26	–	0	1.13	120	S
Plockton	12	7.0	1.0	4.0	–	12.6	18	−3.0	31	–	–	159	–	39	1	22	15	7	3	0	5	2	0	11	–	–	3	–	–	–
Poolewe	6	6.9	1.8	4.3	(0.0)	12.5	18	−2.2	15	–	–	131	85	23	19	20	17	4	1	0	2	1	0	9	23	–	0	0.96	(84)	S
Tomatin	311	3.8	−1.6	1.1	–	8.0	27	−8.2	31	–	–	75	–	22	1	15	9	10	0	0	1	0	–	21	–	–	0	–	–	–
Waterstein	92	6.5	2.5	4.5	–	9.5	1	−0.2	7	–	–	127	–	19	1	22	20	–	–	–	–	–	–	–	–	–	–	–	–	–
Wick (A)	36	5.8	0.5	3.1	−0.1	10.4	19	−4.0	9	2.9	–	45	55	10	5	17	11	6	5	0	3	0	1	12	22	19	0	2.51	187	–
1 SCOTLAND E																													
Grampian																													
Aberdeen																													
Dyce Airport (A)	65	5.4	−0.9	2.3	−0.1	12.4	20	−5.4	31	–	–	26	32	9	1	14	6	5	1	0	0	0	0	19	29	27	0	2.56	156	–
Mannofield	52	5.3	0.0	2.7	0.0	11.9	20	−3.8	31	–	–	34	46	13	1	14	6	0	1	0	0	0	0	15	26	–	0	–	–	–
Aldroughty	30	6.0	−0.5	2.7	–	10.9	20	−6.9	14	2.8	–	29	–	7	7	11	7	3	3	0	0	0	0	16	25	–	0	2.64	–	–
Ballater Field Centre	200	4.4	−2.5	0.9	–	10.4	20	−9.8	13	–	–	46	–	16	1	9	6	5	3	0	0	0	–	22	–	–	0	–	–	–
Balmoral	283	3.9	−2.6	0.7	0.0	9.0	20	−9.1	31	–	–	64	72	21	1	12	7	7	20	0	0	0	–	23	29	–	0	–	–	–
Banff Golf Course	15	5.8	−0.3	2.7	–	12.2	20	−3.8	31	1.3	–	19	–	4	30	13	8	2	4	0	0	0	0	17	–	–	0	–	–	S
Braemar	339	3.5	−2.3	0.6	0.0	7.8	20	−9.3	31	–	–	70	75	20	1	14	9	14	–	0	0	0	–	22	29	–	4	–	–	S
Craibstone	102	5.1	−0.2	2.5	−0.2	11.5	20	−3.0	1	1.7	3.6	29	38	11	1	13	7	4	11	0	0	0	0	17	29	–	0	2.79	166	–
Culterty	3	5.2	−0.8	2.2	–	11.3	20	−5.8	9	–	–	22	–	5	18	8	7	0	2	0	0	0	0	16	26	–	0	1.80	–	S
Durris, Wardend	107	4.9	−1.2	1.9	–	11.5	20	−5.5	31	1.4	–	75	–	38	1	12	7	4	5	0	0	0	1	17	27	–	0	2.35	–	–
Forehill	40	5.3	0.2	2.7	–	11.2	20	−3.1	8, 9	–	–	35	46	9	1	17	11	2	3	0	0	0	1	14	–	–	0	–	–	–
Forres	5	6.0	0.3	3.1	–	10.4	20	−5.7	15	3.1	4.6	25	–	6	2	10	5	4	7	0	1	0	0	11	25	–	0	–	–	S
Fyvie Castle	55	5.0	−2.0	1.5	(−0.3)	11.2	20	−5.7	9	–	–	16	20	3	1	10	8	3	–	0	1	0	–	22	29	–	1	–	–	S
Glenlivet	215	4.9	−2.0	1.5	(+0.3)	9.6	1,20	−8.4	31	–	–	33	–	7	2	13	7	–	–	–	–	–	–	21	27	–	–	2.56	(192)	S
Inchmarlo	80	(4.5)	(−1.5)	1.5	–	–	–	–	–	–	–	(45)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Inverurie	54	4.8	−1.3	1.7	–	11.5	20	−6.0	31	–	–	22	–	6	1	14	8	3	4	0	0	0	–	20	29	–	0	2.32	–	–
Keith	106	5.0	−2.3	1.3	–	10.4	1,20	−7.4	31	–	–	21	–	5	5	13	8	3	4	0	0	0	–	23	30	–	0	2.44	–	S
Kinloss (A)	5	6.1	−0.9	2.6	−0.4	10.5	20	−6.9	15	3.6	–	23	45	8	2	9	4	5	4	0	0	0	0	20	28	25	0	2.45	173	–
Leith Hall	180	5.8	−2.1	1.9	–	10.5	20	−5.5	28	–	–	–	–	–	–	–	–	5	0	0	0	0	0	26	–	–	0	–	–	–
Lossiemouth (A)	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rothes	61	6.0	−0.9	2.5	–	11.1	20	−5.2	28	–	–	25	–	6	5	10	7	2	4	0	0	0	0	18	26	–	0	2.07	–	S
Stonehaven	85	4.9	−0.1	2.4	–	10.4	20	−2.5	7, 9	–	–	32	–	11	1	13	8	3	7	0	0	0	1	17	–	–	0	1.94	–	S
Tayside																													
Arbroath	29	5.0	0.3	2.7	−0.6	10.5	20	−6.4	14	–	–	45	89	12	1	17	11	4	4	0	0	0	2	15	24	–	0	1.98	107	–
Ardtalnaig	130	4.6	0.0	2.3	(−0.2)	9.4	1	−5.6	15	–	–	221	167	57	1	18	16	9	4	0	2	0	0	11	22	–	3	0.80	–	S
Dall (Rannoch School)	232	3.7	−3.5	0.1	–	9.5	20	−11.4	13	–	–	175	–	45	1	16	15	11	17	0	0	0	0	26	30	–	0	–	–	–
Drummond Castle	113	4.6	−1.8	1.4	–	10.0	22	−9.6	15	2.2	–	172	–	54	1	18	15	6	16	0	0	0	–	18	30	–	1	1.21	–	S
Dundee	45	4.8	0.1	2.5	−0.4	10.7	20	−5.3	14	2.2	–	63	97	16	7	14	10	4	9	0	1	0	1	12	25	–	0	1.99	112	–
Faskally	94	4.2	−2.0	1.1	−0.9	10.6	20	−10.2	14	1.3	3.8	103	119	24	4	15	14	7	15	0	0	0	1	16	24	–	0	–	–	–
Forfar	91	4.0	−2.1	0.9	–	9.9	1,20	−9.0	15	–	–	63	–	19	1	16	12	7	6	0	0	0	4	21	29	–	3	1.61	–	–
Kindrogan	259	2.5	−4.2	−0.9	–	8.0	19,20	−14.1	14	–	–	133	–	30	4	16	13	12	31	0	1	0	1	26	31	–	0	–	–	–
Kinross	116	4.4	−2.3	1.1	–	10.8	1	−10.1	14	2.2	–	137	–	37	1	17	13	6	13	0	0	0	1	20	27	–	0	1.13	–	–
Montrose	55	4.7	−1.2	1.7	−1.1	10.5	20	−6.3	14	2.2	–	35	53	12	1	16	12	1	13	0	0	0	0	25	30	–	0	–	–	–
Mylnefield (A)	30	4.9	−1.1	1.9	−0.7	11.1	20	−8.5	15	2.6	5.4	66	105	15	1	15	12	6	12	0	0	0	2	17	27	–	0	1.92	110	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

January 1991

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
1 SCOTLAND E - Continued																														
Tayside - Continued																														
Perth Aerodrome (A)	118	4.3	−2.3	1.0	–	10.6	1	−9.0	15	–	–	71	–	17	1	15	12	4	3	–	–	–	–	21	–	–	–	–	–	–
Strathallan	41	4.6	−1.4	1.6	–	11.4	1	+10.5	15	–	–	121	–	33	1	16	12	9	12	0	0	0	3	16	27	–	3	–	–	–
Tummel Bridge	161	4.2	−2.1	1.1	–	10.2	1	+10.2	31	–	–	140	–	41	1	17	15	16	–	–	–	–	–	17	–	–	–	–	–	–
Whitehillocks	258	4.1	−2.2	0.9	–	10.0	20	−6.5	28	–	–	114	–	41	1	13	8	9	5	0	0	0	0	21	31	–	0	–	–	S
Fife																														
Belliston	82	5.0	0.6	2.8	–	10.1	1	−2.9	14	3.1	–	50	84	9	1	18	12	6	3	0	0	0	1	10	26	–	0	–	–	–
Cupar	42	5.1	−1.3	1.9	–	10.6	1	−9.4	15	1.8	–	87	–	22	1	21	14	10	13	0	0	0	–	14	–	–	0	1.22	–	S
Fife Ness	12	6.1	1.5	3.8	–	11.5	1	−0.9	8	–	–	–	–	–	–	–	–	7	0	0	0	0	1	7	22	–	6	–	–	–
Leuchars (A)	10	5.3	−1.6	1.9	−1.0	11.4	1	−8.2	15	2.5	–	78	130	22	1	17	11	11	4	0	0	0	1	18	25	24	0	2.12	113	–
Lothian																														
Bush House	184	4.6	−0.9	1.9	−0.3	10.3	1	−6.0	14	1.8	3.9	104	153	29	4	21	14	6	16	0	1	0	0	16	28	–	1	1.51	106	S
Dunbar	23	5.8	0.9	3.3	−0.5	12.0	1	−3.5	13	2.0	–	34	73	7	9	19	10	5	2	1	0	0	1	11	–	–	4	2.53	137	–
Edinburgh																														
East Craigs	61	5.3	−0.7	2.3	−0.7	11.8	1	−6.2	14,31	2.8	–	70	142	19	1	16	14	7	3	0	0	0	0	14	26	–	0	1.79	(110)	–
Royal Botanic Garden	26	5.6	−0.1	2.7	−0.6	12.1	1	−6.1	14	1.9	–	69	147	15	9	18	14	6	5	0	2	0	1	14	25	–	0	1.96	130	–
Royal Observatory Blackford Hill (A)	134	5.1	0.2	2.7	−0.5	11.9	1	−5.0	14	–	–	73	150	14	1	18	15	3	4	0	0	0	–	14	28	–	0	1.89	115	–
Turnhouse Airport (A)	35	5.6	−1.0	2.3	−0.6	12.0	1	−8.4	14	2.8	–	70	142	20	1	17	14	10	3	0	2	0	1	17	24	22	0	1.85	123	–
Haddington	41	5.7	0.1	2.9	–	12.0	1	−5.0	13	–	–	37	–	10	9	19	10	3	2	0	0	0	1	15	–	–	0	–	–	–
Livingston	125	4.6	−0.7	1.9	–	10.7	1	−7.0	16	1.5	–	117	–	39	1	17	15	1	5	0	0	0	0	14	24	–	0	–	–	–
Nunraw Abbey	197	4.8	−0.2	2.3	–	10.5	1	−3.4	15	–	–	62	–	10	1	18	13	7	14	0	0	0	0	15	–	–	0	–	–	–
Penicuik	185	3.9	−1.7	1.1	(−1.0)	10.2	1	−9.0	14	1.8	–	92	126	25	4	21	15	9	11	0	0	0	1	19	26	–	0	1.33	(112)	S
Borders																														
Blyth Bridge	253	3.7	−1.0	1.3	−0.4	10.5	1	−6.7	13	–	–	78	105	19	1	22	15	10	12	0	1	0	2	19	27	–	1	1.68	134	–
Blythe	262	3.7	−1.6	1.1	–	9.6	20	−6.1	14	3.3	–	77	–	14	1	19	13	15	16	0	0	0	2	23	29	–	4	2.15	–	–
Bowhill (Selkirk)	168	3.9	−1.8	1.1	−0.9	9.9	1	+10.5	14	1.5	–	108	129	23	1	19	14	11	16	0	0	0	2	19	26	–	1	–	–	–
Carterhouse	308	2.8	−1.5	0.7	–	9.2	1	−7.5	15	1.6	3.5	167	–	33	1	21	16	13	16	3	3	0	2	20	28	–	1	–	–	–
Floors Castle	59	5.1	−0.7	2.2	–	11.3	1	−8.0	14,15	–	–	48	88	7	3, 8	15	11	4	4	0	0	0	2	16	–	–	0	–	–	–
Galashiels	198	3.9	−1.0	1.5	–	9.9	20	−8.6	14	–	–	84	–	20	1	20	14	11	12	0	0	0	1	19	24	–	0	1.71	–	S
Glentress	165	4.7	−1.4	1.7	(−0.4)	12.0	1	−7.8	13	–	–	95	130	20	4	22	13	8	11	0	0	0	–	19	–	–	0	–	–	–
Greycrook	76	4.7	(−1.0)	1.6	–	10.9	1	–	–	2.5	–	67	–	11	1	18	14	7	11	0	0	0	1	–	25	–	2	–	–	–
Kelso	34	4.9	−0.7	2.1	–	11.5	1	−7.6	14	2.4	–	46	–	7	8	19	10	10	3	0	0	0	0	16	29	–	0	–	–	S
St Abbs Head	75	5.1	0.7	2.9	–	11.0	1,20	−1.8	17	–	–	–	–	–	–	–	–	8	3	0	0	0	0	8	24	20	4	–	–	–
West Linton	244	4.1	−1.4	1.3	−0.3	10.0	1	−7.4	14	1.5	3.4	88	117	20	4	20	14	10	11	0	0	0	0	21	26	–	0	–	–	–
6 SCOTLAND W																														
Strathclyde																														
Abington	247	(4.0)	(−1.0)	1.5	–	–	–	–	–	–	–	130	–	–	–	–	–	999	–	0	1	0	–	–	–	–	0	–	–	–
Ardentinny	5	5.5	0.6	3.1	–	11.9	1	−4.2	31	2.9	4.3	295	–	76	1	21	18	3	7	0	1	0	2	9	19	–	2	–	–	–
Aros	37	(7.0)	(1.0)	4.0	–	–	–	–	–	–	–	225	–	29	1	24	20	5	0	0	0	0	–	–	–	–	0	–	–	–
Auchincruive	48	5.8	0.8	3.3	−0.3	11.5	1	−4.1	31	4.5	6.2	85	104	24	1	19	14	3	2	0	0	0	0	8	24	–	0	1.52	93	S
Benmore (Younger Botanic Garden)	12	5.6	0.6	3.1	(−0.2)	11.2	1	−5.2	31	2.8	–	250	104	69	1	21	18	7	8	0	2	0	1	10	20	–	0	–	–	–
Black Mount	175	4.3	−1.1	1.6	–	8.9	19	−9.2	13	–	–	291	–	70	1	23	19	16	8	1	6	2	4	14	–	–	0	–	–	–
Brodick Castle	15	6.4	1.6	4.0	–	11.4	1	−4.3	31	4.3	–	171	–	43	1	21	17	3	3	1	0	0	0	8	20	–	0	–	–	–
Camps Reservoir	295	3.1	−2.2	0.5	(−0.6)	10.0	1	−9.5	14	–	–	161	–	46	6	18	13	14	7	0	0	0	–	23	–	–	3	0.60	–	S
Carnwath	208	3.8	−2.4	0.7	−0.6	10.0	1	−9.6	13	2.2	–	84	125	21	1	18	15	12	12	0	2	1	0	23	29	27	7	–	–	–
Colonsay Hotel	15	6.7	2.5	4.6	–	10.5	1	−2.4	31	–	–	115	–	15	3	23	19	5	0	1	8	3	0	3	12	–	7	–	–	–
Cumnock	99	5.0	0.1	2.5	–	11.1	1	−4.9	31	2.4	–	106	–	23	1	18	15	3	5	0	0	0	0	12	19	–	0	1.10	–	S
Dalry	32	5.7	0.4	3.1	–	10.4	20	−5.2	13	–	–	124	–	25	1	19	16	2	2	0	0	0	–	8	–	–	0	–	–	–
Drumclog	227	3.7	−0.9	1.4	–	10.0	1	−6.2	13	–	–	135	–	39	1	16	16	7	12	0	1	0	0	19	25	–	0	–	–	–
Dunstaffnage (A)	3	6.2	1.4	3.8	–	11.1	1	−2.1	13	3.4	–	178	–	25	10	22	18	9	3	0	4	2	1	7	16	–	1	1.57	–	S
East Kilbride	178	4.5	0.0	2.3	–	10.6	1	−5.3	31	–	–	178	–	54	1	16	15	7	12	0	0	0	–	11	24	–	2	1.39	–	–
Girvan	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Glasgow Abbotsinch Airport (A)	5	5.7	−0.2	2.7	–	11.5	1	−8.1	15	2.7	–	135	140	39	1	18	14	11	4	0	5	0	0	12	20	19	1	1.40	–	–
Springburn Park	107	4.3	−0.1	2.1	−0.5	10.6	1	−5.0	13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12	–	–	–	–	–	–
Helensburgh	96	4.9	0.0	2.5	–	10.0	1	−4.6	14	–	–	161	–	40	1	21	19	2	5	0	0	0	–	12	–	–	1	1.19	–	S
Hunterston	8	6.3	2.2	4.3	−0.1	11.2	1	−2.2	31	–	–	95	–	23	1	17	15	3	1	0	0	0	–	5	–	–	0	–	–	–
Inverinan Mor	70	4.8	−0.5	2.1	–	9.7	1	−5.9	13	–	–	286	–	48	19	24	20	8	14	0	5	3	1	17	–	–	0	–	–	–
Leadhills	388	2.8	−3.3	−0.3	–	9.1	1	−9.2	13,14	–	–	207	–	59	1	19	14	15	16	0	0	0	3	29	30	–	3	–	–	–
Lochgilphead	5	6.3	1.2	3.7	–	10.8	1	−5.0	31	–	–	167	–	21	1	24	18	6	1	0	0	0	–	6	–	–	1	–	–	–
Lochranza	46	6.0	2.0	4.0	–	11.6	1	−3.5	31	–	–	144	–	38	1	23	16	–	–	–	–	–	–	5	–	–	–	–	–	–
Machrihanish (A)	10	6.7	1.5	4.1	(−0.5)	12.0	1	−3.4	15	–	–	85	–	13	4	22	15	–	–	–	–	–	–	6	–	–	–	–	–	–
Millport	5	6.6	2.4	4.5	(−0.2)	11.2	1	−1.2	13	–	–	94	84	20	1	16	14	2	1	0	0	1	–	3	–	–	1	–	–	–
Motherwell (Strathclyde Park)	24	5.3	−0.7	2.3	–	10.2	20	−7.5	15	–	–	112	–	30	1	15	14	6	5	1	0	0	0	15	–	–	0	–	–	–
Orsay	23	7.1	3.1	5.1	–	10.8	1	−0.5	31	–	–	99	–	19	2	23	19	5	0	0	0	3	0	2	2	3	14	–	–	–
Paisley (A)	32	5.4	0.5	2.9	−0.6	11.1	1	−4.8	13	2.8	5.9	149	135	43	1	18	14	4	5	0	1	0	1	11	18	–	0	1.21	107	–
Pollok Country Park	16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Prestwick (A)	16	6.0	0.6	3.3	−0.4	11.6	1	−5.1	31	3.6	–	90	114	24	1	18	15	7	2	0	4	0	0	10	20	21	1	1.69	102	–
Rothesay	43	5.9	1.6	3.7	(−0.4)	11.9	1	−2.5	31	3.5	4.9	111	87	18	4	20	15	3	2	0	0	0	1	5	18	–	4	1.64	–	–
Salsburgh	260	3.5	−0.7	1.4	–	9.7	1	−4.0	15,16	–	–	117	–	37	1	18	13	–	–	–	–	–	–	18	–	–	–	–	–	–
Saughall	221	4.1	−0.8	1.7	–	10.3	1	−6.8	31	1.9	4.1	143	–	34	1	17	16	8	5	0	4	2	1	15	25	21	2	1.42	–	–
Tiree (A)	9	7.2	3.2	5.2	+0.2	10.8	1	−0.2	7	4.8	–	116	97	13	5	23	16	8	2	4	7	2	0	1	10	9	7	1.65	123	–
Uplawmoor	128	4.6	−0.7	1.9	–	9.3	1	−6.6	13	–	–	166	–	46	1	19	18	9	4	0	2	0	1	13	25	–	1	–	–	–
Central																														
Aberfoyle	27	4.8	−1.8	1.5	–	10.5	1	+12.2	15	–	–	177	–	56	1	19	16	4	12	0	0	0	–	16	24	–	0	–	–	–
Arrochymore	30	5.5	0.3	2.9	–	10.3	1	−5.3	13	3.2	–	186	–	55	1	19	17	–	5	–	–	–	1	11	21	–	–	1.14	–	S
Balquhidder	136	4.7	−0.6	2.1	–	10.1	1	−6.8	15	1.7	–	270	–	66	1	20	18	15	6	0	0	0	2	12	27	–	0	–	–	–
Falkirk Grangemouth	3	5.6	−0.4	2.6	–	12.0	1	−7.5	15	–	–	122	–	33	4	18	13	1	0	0	0	0	–	10	–	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

January 1991

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
6 SCOTLAND W - Continued																														
Central - Continued																														
(BP Refinery)	2	6.0	0.4	3.2	–	12.1	1	−5.3	15	–	–	118	–	29	1	17	12	5	3	1	0	0	0	10	–	–	3	–	–	–
Loch Venachar	84	4.3	−1.5	1.4	–	9.5	1	−8.0	13	–	–	194	–	62	1	18	15	9	12	0	3	0	0	17	26	–	3	–	–	–
Mugdock Park	165	4.5	−0.3	2.1	–	10.0	1	−4.0	13,14, 15	3.1	–	157	–	39	1	18	16	10	14	0	0	0	5	14	–	–	2	–	–	–
Parkhead	35	(5.0)	−1.1	1.9	–	–	–	−7.1	15	1.7	–	122	–	40	1	17	15	0	14	0	0	0	1	16	–	–	0	–	–	–
Stirling (Sewage Works)	7	5.7	−0.4	2.7	–	12.0	1	−7.0	16	–	–	140	–	50	1	17	15	–	0	–	–	–	–	14	–	–	–	1.44	–	–
Tyndrum	168	4.4	−1.5	1.5	–	10.0	1	−9.0	13	–	–	323	–	75	1	23	17	13	14	0	1	1	–	15	–	–	0	–	–	–
Dumfries & Galloway																														
Auchen Castle	184	2.9	−1.6	0.7	–	9.9	1	−9.5	13	–	–	177	–	49	1	20	17	10	14	0	1	0	3	23	28	–	0	–	–	–
Bargrennan	110	4.7	−1.0	1.9	−0.9	9.9	1	−6.4	13	–	–	140	87	27	1	17	17	4	10	0	0	0	–	21	–	–	0	–	–	–
Clatteringshaws	178	4.3	−0.8	1.7	–	10.0	1	−7.4	13	–	–	194	91	37	1	19	18	10	9	1	0	0	0	14	–	–	6	1.22	–	S
Corsewall Point	15	6.6	2.6	4.6	–	11.3	1	−1.0	13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–
Creebridge	18	6.3	0.4	3.3	–	11.2	1	−6.3	14	–	–	99	–	33	6	15	11	4	3	0	0	0	–	13	–	–	0	–	–	–
Dumfries	49	5.4	0.0	2.7	−0.3	11.4	1	−6.1	14	3.5	5.3	123	119	32	1	16	15	2	3	0	0	0	2	12	23	–	0	1.46	96	S
Dumfries (Drungans)	28	5.4	−0.6	2.4	–	11.8	1	−7.1	14	–	–	128	–	39	1	18	13	–	–	–	–	–	–	15	19	–	–	–	–	–
Eskdalemuir (A)	242	3.3	−1.8	0.7	−0.7	9.3	1	−9.8	13	3.2	5.5	191	127	48	1	23	18	15	16	0	8	0	4	22	26	25	0	1.15	85	–
Glenlee	55	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Glenlochar Barrage	47	5.1	−0.3	2.4	−0.4	10.7	1	−6.4	13	–	–	123	98	41	1	19	12	2	2	0	0	0	1	14	–	–	5	–	–	–
Penwhirn	166	4.9	−0.4	2.3	(−0.3)	9.8	1	−5.9	13	–	–	110	70	19	9	22	15	6	4	0	0	0	3	18	21	–	0	–	–	–
Threave	73	4.6	−0.3	2.1	−0.6	10.6	1	−6.8	13	2.6	–	131	107	40	1	19	11	8	3	3	1	0	2	14	25	–	2	–	–	–
Whithorn	40	5.9	1.5	3.7	–	11.0	1	−5.1	13	5.4	–	54	–	11	8	17	9	3	0	0	0	0	0	7	–	–	7	1.86	–	–
2 ENGLAND E & N E																														
Northumberland																														
Boulmer (A)	23	5.7	0.2	2.9	–	11.8	1	−2.9	14	3.1	5.0	43	–	15	8	16	9	3	2	0	1	0	0	16	23	23	1	3.05	–	–
Cockle Park	99	4.7	−0.1	2.3	−0.4	11.7	1	−3.7	16	2.5	–	41	62	17	8	18	10	3	4	0	0	0	5	16	27	–	2	2.45	138	–
Haydon Bridge	82	5.4	−0.4	2.5	0.0	11.8	1	−6.6	14	3.2	–	94	–	27	8	18	15	4	2	0	0	1	0	15	–	–	2	–	–	–
Kielder Castle	201	–	–	–	–	–	–	–	–	–	–	(190)	155	43	1	20	17	9	10	1	1	0	–	–	–	–	1	–	–	–
Redesdale	235	3.4	−1.6	0.9	–	10.0	1	−6.7	14	2.5	–	92	–	17	1	19	15	–	13	–	–	–	4	21	28	–	–	1.66	–	–
Tyne & Wear																														
Newcastle Weather Centre (X)	52	5.7	0.7	3.2	–	11.7	1	−4.1	14	–	–	44	–	19	8	14	11	9	–	0	0	1	2	9	–	–	0	–	–	–
South Shields	5	6.4	0.8	3.6	–	12.2	1	−2.2	14	–	–	33	–	16	8	12	9	3	1	0	0	0	0	11	–	–	2	–	–	–
Sunderland Polytechnic	56	6.1	1.1	3.6	–	12.5	1	−1.8	14	–	–	35	–	15	8	14	10	2	2	0	0	0	2	9	–	13	0	3.11	–	–
Tynemouth	30	5.8	0.9	3.3	−0.6	12.1	1	−1.6	14	–	–	27	49	13	8	12	8	3	0	0	0	0	1	8	22	–	5	3.13	202	–
Durham																														
Durham	102	5.5	−0.9	2.3	−0.5	12.3	1	−5.5	14	2.6	5.3	47	81	13	8	15	13	–	2	–	–	–	2	20	26	–	–	2.74	157	–
Low Etherley	155	4.4	−1.2	1.6	–	12.0	1	−5.6	14,16	2.2	5.8	69	–	15	8	18	14	13	14	0	2	0	3	22	29	27	3	–	–	–
Widdybank Fell	513	1.6	−2.8	−0.6	–	7.0	1	−8.6	13	1.5	–	217	–	37	1	21	17	–	18	–	–	–	3	27	30	–	–	1.60	–	–
Cleveland																														
North Yorkshire																														
Askham Bryan	33	5.2	−0.8	2.2	−0.6	12.2	1	−4.5	15	–	–	46	82	9	1	15	9	1	1	0	0	0	6	18	28	–	0	2.14	144	S
Cawood	6	5.5	−0.8	2.3	−0.7	12.5	1	−5.4	16	3.4	5.0	40	81	7	8	13	10	2	1	0	0	0	5	17	30	–	5	2.60	171	–
Church Fenton	8	5.5	−0.7	2.4	–	13.0	1	−5.8	16	–	–	43	–	9	5	15	11	–	–	–	–	–	–	18	–	–	–	–	–	–
Fylingdales	262	3.8	−1.9	0.9	–	9.6	1	−5.0	23	–	–	71	–	16	8	16	15	9	–	–	–	–	–	29	–	–	–	–	–	–
Harrogate (Bilton)	66	5.4	−0.9	2.3	−0.6	11.8	1	−7.0	16	–	–	81	120	16	5	16	14	4	0	0	0	0	1	16	22	–	6	1.76	135	–
High Mowthorpe	175	4.5	−0.6	1.9	−0.2	10.9	1	−3.2	16	(2.1)	–	49	69	9	7	15	10	–	2	–	–	–	2	19	28	–	–	–	–	–
Linton–on–Ouse	14	5.6	−1.1	2.3	–	12.1	1	−6.0	23	–	–	45	–	9	1	16	10	–	–	–	–	–	–	17	–	–	–	–	–	–
Leeming (A)	32	5.1	−0.6	2.3	(−0.8)	12.6	1	−5.2	14	2.2	5.3	58	104	11	1	15	12	8	1	0	3	0	3	14	23	19	3	2.41	–	–
Malham Tarn	381	2.9	−1.8	0.5	−0.6	9.2	1	−4.6	26	1.9	–	132	–	25	1	19	14	5	12	3	2	0	5	25	29	–	0	–	–	–
Scarborough	110	5.1	−0.1	2.5	–	8.8	20	−3.5	23	2.3	4.1	38	–	8	9	15	11	2	1	0	0	0	4	15	–	–	2	2.86	–	–
Whitby	41	5.5	0.3	2.9	(−0.8)	11.5	1	−3.7	14	2.8	5.5	47	–	15	8	15	12	8	3	0	3	1	0	15	25	–	3	2.95	182	–
Whitby Coastguard	60	5.6	0.2	2.9	(−0.7)	11.7	1	−3.0	14	–	–	42	–	13	8	14	11	3	0	0	0	1	1	14	18	–	0	–	–	–
Wycliffe Hall	120	–	−1.5	–	–	–	–	−6.8	16,17	–	–	81	–	16	1	16	15	0	3	0	0	0	2	18	28	–	0	–	–	–
Wykeham Forest	211	4.2	−0.3	1.9	–	10.0	1	−2.9	23	1.6	–	44	–	10	8	12	11	4	4	0	0	0	–	18	29	–	3	2.48	–	–
Humberside																														
Cleethorpes	23	6.2	1.0	3.6	–	12.3	1	−2.7	16	–	–	48	–	19	9	12	7	1	1	–	–	–	2	7	16	12	–	2.47	–	–
Hull	2	6.4	0.5	3.5	−0.2	12.1	1	−3.5	14	3.5	6.0	46	79	11	9	13	8	3	0	0	0	0	–	11	26	–	0	–	–	–
Lincolnshire																														
Coningsby (A)	6	6.0	−0.1	2.9	–	12.7	1	−4.4	24	–	–	43	–	8	9	15	11	2	0	0	2	0	2	11	25	21	2	–	–	–
Covenham	3	–	–	–	–	–	–	–	–	–	–	44	–	11	9	9	8	–	–	–	–	–	–	–	–	–	–	–	–	–
Cranwell (A)	62	5.4	−0.3	2.5	−0.3	12.7	1	−5.3	16	–	–	43	87	9	9	14	11	–	–	–	–	–	–	20	–	–	–	–	–	–
Driby	41	5.5	0.1	2.8	–	12.3	1	−4.1	15	–	–	57	–	12	8	17	11	–	0	–	–	–	–	10	–	–	–	–	–	–
Kirton	4	5.8	0.4	3.1	–	12.8	1	−2.0	24	4.6	6.8	50	–	11	9	14	11	0	0	0	0	1	1	12	27	–	4	2.58	–	–
Lincoln (Canwick)	7	6.1	−0.3	2.9	–	12.9	1	−4.8	16	4.4	7.3	43	–	10	9	11	8	1	0	0	0	0	2	11	24	–	3	–	–	–
Scampton	58	5.6	−0.3	2.7	–	12.1	1	−3.1	13	–	–	51	–	17	9	11	9	–	–	–	–	–	–	18	–	–	–	–	–	–
Skegness	5	6.1	1.6	3.9	(+0.5)	12.4	1	−0.2	14	–	–	50	96	9	9	14	11	–	–	–	–	–	1	2	–	–	–	2.71	158	–
Waddington (A)	68	5.5	0.1	2.8	−0.1	12.5	1	−4.2	16	3.0	5.0	38	74	9	8	12	9	3	0	0	2	0	2	14	25	24	3	2.65	153	–
3 EAST ANGLIA																														
Norfolk																														
Bressingham	30	6.4	0.7	3.5	–	12.6	1	−3.7	14	–	–	33	–	6	1	15	10	0	0	0	0	2	1	10	23	18	2	–	–	–
Coltishall (A)	18	6.6	1.2	3.9	(+0.6)	13.0	1	−3.8	24	–	–	40	71	7	18	14	9	0	1	0	1	0	0	7	17	13	4	–	–	–
Cromer	54	6.2	1.8	4.0	+0.4	11.0	2	−2.0	24	–	–	47	82	9	18	13	8	1	0	0	0	0	0	1	16	–	3	2.94	175	–
Denver	2	6.2	0.5	3.3	–	12.9	1	−3.7	24	4.3	8.0	42	–	11	9	13	11	–	0	–	–	–	1	7	–	–	2	2.45	–	S
Hemsby (A)	13	6.7	1.8	4.3	–	13.0	1	−1.6	24	5.1	6.5	29	–	6	18	12	10	0	0	0	1	0	0	2	18	14	0	2.85	–	–
Hunstanton	15	5.9	1.4	3.7	–	11.2	2	−2.7	24	–	–	52	–	13	9	18	12	–	–	–	–	–	–	2	–	–	–	2.65	–	–
Marham (A)	21	6.3	0.4	3.3	+0.4	12.5	1	−5.0	24	–	–	45	88	11	9	16	11	2	0	0	1	0	0	14	23	17	2	2.55	–	–
Morley St Botolph	46	6.0	0.9	3.5	–	12.9	1	−2.8	24	3.8	–	34	–	7	1	14	9	0	0	0	0	0	1	7	22	–	4	2.79	–	–
Norwich Weather Centre	15	6.8	2.0	4.4	–	13.3	1	−1.4	24	–	–	37	–	9	1	14	10	1	–	0	1	0	0	3	–	–	0	2.93	–	–
South Raynham	68	5.8	0.9	3.3	–	12.2	1	−3.2	24	–	–	55	–	12	9	15	12	0	0	1	0	0	0	10	18	–	2	–	–	–
Terrington St Clement	2	6.0	0.7	3.3	+0.2	12.3	1	−2.5	16	3.8	–	45	92	13	9	14	10	0	0	0	0	0	0	9	24	–	0	2.52	152	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of 1951-80 average*	Exposure
3 EAST ANGLIA - Continued																														
Cambridgeshire																														
Boxworth	53	5.9	0.4	3.1	(−0.1)	12.9	1	−3.5	15	—	—	33	—	7	9	13	9	0	0	0	1	1	3	13	21	—	3	2.27	(134)	–
Cambridge Botanic Garden	12	(6.3)	(1.0)	3.7	+0.3	(12.8)	1	−4.3	16	4.1	6.5	30	68	5	9	13	8	0	0	0	0	—	9	23	—	2	—	—	—	–
National Institute of Agricultural Botany	24	(6.2)	(1.2)	3.7	+0.2	13.3	1	−4.1	16	—	—	30	70	6	9	14	7	0	0	0	0	—	8	18	—	0	(2.44)	142	–
March	2	6.5	0.9	3.7	—	13.0	1	−4.1	16	—	—	40	81	10	9	11	11	—	—	—	—	—	9	—	—	—	—	—	—	–
Marholm	21	6.1	−0.2	2.9	—	13.4	1	−7.1	16	—	—	47	—	17	9	13	10	0	0	0	0	0	0	13	25	—	0	—	—	–
Mepal	−2	6.4	0.3	3.3	—	13.1	1	−4.8	16	5.3	9.7	30	—	7	9	12	9	0	0	0	0	0	0	9	25	—	0	2.62	—	–
Monks Wood	39	6.3	0.1	3.2	(+0.1)	13.3	1	−5.5	16	3.7	5.7	43	—	9	9	14	11	1	0	0	0	1	2	12	21	—	5	2.58	—	–
Wittering	73	5.9	0.3	3.1	0.0	13.1	1	−3.4	16	—	—	55	—	18	9	14	8	—	—	—	—	—	—	14	—	—	—	—	—	–
Wyton (A)	40	6.2	0.5	3.3	0.0	13.2	1	−4.5	14	—	—	37	80	8	9	14	10	2	0	1	0	2	1	10	22	18	0	2.51	—	S
Suffolk																														
Brooms Barn	75	6.0	0.9	3.5	(+0.4)	13.0	1	−3.5	16	3.5	5.5	29	—	5	18	12	8	0	0	1	0	0	0	9	20	—	1	2.52	(152)	–
Cavendish	55	6.2	0.6	3.4	—	12.5	1	−3.5	24	4.1	—	31	—	6	18	13	9	0	0	0	0	1	12	18	—	1	2.50	—	–
East Bergholt	5	—	—	—	—	—	—	—	—	—	—	(41)	84	9	9	13	9	0	0	0	0	0	—	—	—	—	0	—	—	–
Honington (A)	51	6.2	0.8	3.5	—	13.0	1	−4.0	16	—	—	24	—	5	18	14	7	1	0	0	0	0	0	10	18	17	0	2.52	—	–
Levington	22	7.0	2.2	4.6	—	12.3	1	−1.0	14	4.1	—	35	—	7	9	12	8	2	0	0	0	0	0	3	17	—	1	2.77	—	–
Lowestoft	25	6.2	2.4	4.3	+0.8	11.2	2	−1.0	13	4.0	5.9	27	53	6	18	11	7	0	0	1	0	0	0	1	6	—	1	2.33	149	–
Wattisham (A)	89	6.1	0.8	3.5	+0.8	11.9	1	−2.9	14	—	—	30	61	6	18	15	7	0	0	0	0	0	0	10	21	20	1	2.49	—	–
Westleton	10	7.1	2.2	4.7	—	12.5	1	−0.5	13	—	—	26	—	6	18	13	6	0	0	0	0	0	0	2	8	—	5	—	—	–
Bedfordshire																														
Bedford (A)	85	5.7	0.1	2.9	—	12.7	1	−4.7	16	—	—	43	91	12	9	14	8	—	—	—	—	—	—	15	—	—	—	—	—	–
Woburn	89	6.0	0.5	3.3	+0.2	12.6	1	−5.8	16	4.1	6.9	55	103	10	9	14	9	0	0	0	0	0	1	13	17	—	0	1.98	121	–
Hertfordshire																														
Aldenham School	91	6.0	1.0	3.5	—	11.2	2	−2.4	13	3.8	—	69	—	10	9	14	11	1	0	0	0	0	1	10	22	16	0	—	—	–
Rothamsted	128	5.8	0.3	3.1	+0.2	12.2	1	−2.5	16	4.5	6.6	83	132	16	9	15	10	2	0	0	2	0	1	12	26	—	0	2.45	153	S
Stanstead Abbotts	30	7.1	1.3	4.2	—	13.2	1	−4.3	16	—	—	59	—	11	9	14	10	—	0	—	—	—	1	7	—	—	—	—	—	–
Essex																														
Clacton–on–Sea	16	6.6	2.8	4.7	+1.1	11.5	1	−0.6	13	5.8	7.1	41	91	6	1,6	13	10	0	0	0	1	0	0	1	7	—	0	2.63	149	–
Halstead	70	6.2	1.4	3.8	—	12.1	1	−4.6	16	4.3	6.3	43	—	7	9,18	13	11	1	0	0	0	1	0	7	—	—	2	—	—	–
Rettendon	16	6.8	1.8	4.3	—	13.2	2	−3.7	31	—	—	56	—	8	31	14	13	—	0	—	—	1	0	5	19	—	0	2.11	—	–
Shoeburyness Landwick (A)	2	7.1	2.9	5.0	—	13.1	1	−2.7	31	—	—	34	—	9	9	14	9	—	—	—	—	—	—	3	—	—	—	—	—	–
Southend	2	7.0	2.7	4.9	—	12.6	1	−2.6	31	—	—	38	—	9	9	15	10	0	0	1	1	0	0	5	—	—	5	(2.33)	—	S
Stansted (A)	101	6.1	1.0	3.5	+0.6	12.6	1	−3.0	31	4.7	—	58	114	11	9	13	12	4	0	1	1	0	1	9	21	15	1	—	—	–
Writtle	35	6.6	1.3	3.9	+0.4	12.9	2	−4.5	16	5.0	—	60	124	12	9	13	12	2	0	0	2	0	7	19	—	3	2.12	140	S
4 MIDLAND COUNTIES																														
West Yorkshire																														
Bradford	134	5.3	−0.5	2.4	−0.5	11.9	1	−4.2	16	2.8	5.5	106	131	25	5	17	14	3	2	0	0	0	2	16	26	—	0	1.47	129	–
Bramham	54	5.1	−0.6	2.3	−0.5	12.5	1	−4.9	15	—	—	51	—	11	5	14	11	2	1	0	0	0	3	17	30	27	3	2.37	(155)	–
Emley Moor	259	4.1	−0.5	1.8	—	11.5	1	−4.2	16	—	—	77	—	25	5	16	10	8	1	—	—	—	—	16	23	—	—	—	—	–
Holme Moss	520	2.0	−1.9	0.1	—	8.5	1	−4.7	27	—	—	124	—	41	5	18	13	11	5	2	3	2	8	28	—	—	12	—	—	–
Leeds Weather Centre (X)	62	6.3	0.5	3.4	—	13.1	1	−4.0	14	—	—	51	—	11	5	16	10	6	—	0	4	0	1	13	—	—	3	2.77	—	–
Wilsden (A)	262	4.3	−0.9	1.7	—	11.4	1	−5.0	14	—	—	115	—	28	5	18	16	5	3	0	3	0	2	19	30	30	7	—	—	–
South Yorkshire																														
Finningley (A)	10	5.8	−0.8	2.5	—	13.2	1	−6.3	16	2.9	—	41	—	10	9	13	8	2	1	0	2	0	2	19	25	23	3	2.78	—	–
Sheffield, Weston Park	131	5.5	0.1	2.8	−0.8	12.6	1	−4.2	14	3.1	5.2	87	113	22	5	17	11	4	2	0	0	0	—	14	—	—	0	1.72	127	S
Derbyshire																														
Ashover	178	5.0	−0.4	2.3	—	11.5	1	−4.1	14	—	—	90	—	16	8	14	11	7	2	0	4	0	4	15	28	—	0	—	—	–
Buxton	307	3.8	−0.9	1.5	−0.5	10.9	1	−5.6	14	1.7	3.7	94	72	17	9	14	12	7	5	0	2	0	1	18	29	—	1	2.09	307	S
Wingerworth	116	5.2	−0.8	2.2	—	12.3	1	−7.3	16	3.1	—	86	—	17	9	14	10	7	2	0	1	0	3	18	29	29	2	2.27	—	–
Nottinghamshire																														
Clarborough	21	5.5	−0.9	2.3	—	11.8	1	−6.7	15	2.8	—	46	—	12	9	14	8	3	0	0	0	0	4	20	29	—	2	1.95	—	S
Keyworth	69	5.6	0.3	2.9	—	13.0	1	−3.6	14	—	—	50	—	13	9	13	10	7	0	0	3	0	1	13	28	—	4	—	—	–
Southwell	70	—	—	—	—	—	—	—	—	—	—	59	—	15	9	13	11	—	—	—	—	—	—	—	—	—	—	—	—	S
Sutton Bonington	48	5.9	0.0	2.9	−0.4	13.3	1	−5.3	14	4.3	6.0	48	92	13	9	13	9	0	0	0	0	0	2	19	27	25	1	2.40	166	–
Warsop	46	5.9	−0.6	2.7	−0.2	12.7	1	−6.3	16	—	—	57	110	13	9	13	10	1	0	0	0	0	4	18	29	—	0	2.18	150	–
Nottingham W.C. (A)	117	5.3	0.0	2.7	−0.3	12.0	1	−3.5	16	3.0	—	65	103	18	9	14	12	5	1	0	5	0	3	14	26	24	0	2.62	198	–
Wiseton	6	5.8	−1.0	2.4	—	12.8	1	−5.0	16,17	—	—	39	—	11	9	13	9	0	0	0	0	0	2	22	—	—	0	2.46	—	–
Staffordshire																														
Cellarhead	228	4.5	−0.8	1.9	—	11.1	1	−5.7	13	—	—	67	—	15	8	12	10	5	2	—	—	—	—	23	24	25	—	—	—	–
Keele (A)	179	5.0	−0.1	2.5	−0.2	11.8	1	−3.7	13	2.6	5.5	55	81	11	9	16	10	7	2	0	0	0	2	17	28	25	2	2.29	168	–
Penkridge	101	—	0.0	—	—	—	—	−5.0	13	3.3	—	62	107	21	9	14	10	1	0	0	0	0	5	14	23	—	1	1.74	—	–
Leicestershire																														
Brooksby Hall	70	5.6	−0.7	2.5	—	13.0	1	−5.8	14	3.9	—	59	—	13	9	15	11	1	0	0	0	0	2	20	29	—	0	2.53	—	–
Caldecott	53	5.9	0.2	3.1	+0.2	12.8	1	−5.0	14	—	—	59	115	21	9	14	9	4	0	1	0	0	1	13	27	—	2	2.27	157	S
Cottesmore	138	5.1	—	—	—	11.9	1	—	—	—	—	71	—	17	9	13	11	—	—	—	—	—	—	—	—	—	—	—	—	–
Newtown Linford	119	5.6	−0.1	2.7	−0.1	12.6	1	−4.5	16	—	—	63	105	15	9	15	11	2	0	0	0	0	1	17	24	—	0	2.21	144	S
Shropshire																														
Edge	126	5.4	0.0	2.7	—	12.4	1	−5.2	13	—	—	81	—	19	9	15	14	7	0	3	0	2	5	14	28	—	3	—	—	–
Ludlow College	107	—	0.2	—	—	—	—	−5.2	13	—	—	106	—	23	9	20	12	9	0	0	0	0	8	14	—	—	0	—	—	–
Nethercott	150	5.7	−0.2	2.7	—	12.0	1	−4.0	13,14	—	—	91	—	28	9	15	14	3	1	0	3	0	5	18	25	—	1	—	—	–
Newcastle–on–Clun	210	5.1	−0.4	2.3	—	12.4	1	−6.0	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15	—	—	—	—	—	–
Oswestry School	139	5.5	−0.2	2.7	—	12.4	1	−3.4	13	—	—	98	—	20	9	15	13	6	3	0	2	1	3	16	—	—	2	—	—	–
Pennerley	357	3.5	−1.0	1.3	—	7.2	20	−4.0	26	—	—	95	—	23	9	20	15	5	3	0	1	1	5	21	26	—	0	—	—	–
Preston Montford	67	(5.8)	0.1	2.9	—	12.9	1	−5.1	13	3.3	5.1	73	—	15	9	16	14	3	0	1	0	1	3	14	29	—	0	1.77	—	–
Shawbury (A)	72	5.6	−0.6	2.5	−0.7	12.9	1	−6.6	13	3.9	—	59	108	12	9	15	11	7	1	1	9	1	2	18	27	24	3	1.98	127	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

January 1991

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall (09 to 09 GMT) Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of 1951-80 average*	Exposure
4 MIDLAND COUNTIES - Continued																														
West Midlands																														
Birmingham Elmdon Airport (A)	98	5.9	−0.3	2.8	−0.3	13.1	1	−6.6	13	3.8	–	74	128	19	9	14	11	11	0	0	6	0	1	15	24	22	1	2.30	151	–
Winterbourne	140	5.6	0.2	2.9	–	12.7	1	−4.0	13	3.4	5.4	91	–	24	9	16	13	14	0	0	3	0	1	14	26	22	4	2.37	–	–
Halesowen	155	5.7	−0.3	2.7	−0.6	12.4	1	−6.0	13	3.5	6.6	82	122	20	9	15	12	9	0	0	1	0	3	17	28	26	2	2.04	133	–
Walsall	163	5.6	−0.1	2.7	−0.3	12.5	1	−5.0	13	–	–	66	–	18	9	16	10	1	0	0	0	0	–	16	26	–	0	–	–	–
Warwickshire																														
Coventry (Bablake)	93	6.1	0.4	3.3	–	12.6	1	−3.6	13	3.1	5.4	82	–	27	9	13	11	4	0	0	3	0	1	9	23	21	2	2.48	–	–
Rugby	117	5.5	0.2	2.9	(−0.1)	12.1	1	−3.3	13	3.1	5.2	65	121	20	9	14	10	2	0	0	1	0	–	13	24	21	0	–	–	–
Stratford-upon-Avon	49	6.2	−0.3	2.9	−0.3	12.6	1	−5.9	13	4.5	–	54	103	17	9	12	11	–	0	–	–	–	1	15	29	–	–	2.14	138	S
Wellesbourne	47	6.3	0.0	3.1	−0.2	12.8	1	−4.2	13	3.7	5.2	49	99	17	9	13	10	4	0	0	0	0	0	13	25	18	2	2.34	153	–
Northamptonshire																														
Moulton Park	122	5.7	0.1	2.9	–	12.6	1	−2.5	13,16	3.8	5.9	50	–	15	9	15	9	1	0	0	0	0	–	17	26	–	0	2.27	–	S
Raunds	59	5.9	0.1	3.0	0.0	12.8	1	−4.6	16	3.7	6.9	53	99	13	9	14	11	2	0	0	0	1	3	14	26	–	0	–	–	S
Hereford & Worcester																														
Astwood Bank	139	5.5	−0.1	2.7	–	12.4	1	−3.0	16	–	–	72	–	29	9	15	11	7	0	0	3	0	3	18	25	–	4	–	–	–
Barbourne	25	6.9	−0.3	3.3	–	13.8	1	−5.0	14	–	–	74	–	25	9	14	13	4	0	0	4	0	2	15	27	–	3	–	–	–
Batchley Farm	247	4.5	−0.4	2.1	–	12.0	1	−3.1	14	4.0	–	99	–	26	9	16	14	6	1	0	1	0	3	14	22	–	1	–	–	–
Great Malvern	44	6.5	0.8	3.7	–	13.6	1	−3.7	14	–	–	97	–	31	9	18	14	–	–	–	–	–	–	10	–	–	–	–	–	–
Lyonshall	155	5.4	0.3	2.9	−0.3	12.0	1	−3.5	13,14	–	–	114	141	23	9	18	16	–	–	–	–	–	–	11	28	–	–	–	–	–
Madley	77	6.3	0.4	3.3	–	14.6	1	−6.2	14	–	–	124	–	33	9	17	13	2	1	0	1	0	2	12	18	–	1	–	–	S
Malvern	62	6.5	1.1	3.8	−0.1	13.6	1	−2.7	14	3.7	6.5	92	142	29	9	19	14	5	1	1	3	0	3	10	26	–	4	2.06	133	S
Pershore College of Hort	40	6.3	0.6	3.5	−0.2	13.0	1	−4.3	13	–	–	75	142	23	9	14	10	2	1	0	0	0	0	12	24	–	6	–	–	S
Preston Wynne	84	6.1	0.6	3.3	+0.1	13.4	1	−4.6	14	–	–	89	143	26	9	16	13	–	1	–	–	–	2	14	26	–	–	2.30	140	S
Ross on Wye	67	6.5	1.0	3.7	−0.2	13.5	1	−3.5	13,14	4.4	–	105	155	26	9	15	14	3	1	0	0	1	–	10	21	–	0	2.34	141	–
Gloucestershire																														
Cheltenham	65	6.8	0.7	3.7	−0.1	11.1	17	−4.9	13	–	6.3	101	166	19	9	15	13	1	1	0	1	0	0	11	–	–	6	2.52	162	–
Cirencester	135	5.8	0.3	3.1	–	12.0	1	−2.2	14	4.3	–	(86)	–	16	1	15	13	1	–	0	0	0	–	14	26	–	0	–	–	–
Didbrook Fields	80	6.2	0.4	3.3	–	12.7	1	−5.0	13	–	–	63	–	14	9	15	12	4	0	0	0	0	1	15	–	–	1	–	–	–
Randwick	200	5.3	0.5	2.9	–	10.5	1	−2.3	31	3.9	–	97	–	21	9	20	13	4	1	0	3	2	2	15	21	–	4	–	–	–
Slimbridge	5	(6.5)	(0.5)	3.5	–	12.2	1	−5.4	13	–	–	90	–	16	1, 9	13	12	4	1	0	0	0	–	11	(20)	–	0	–	–	–
Westonbirt	122	5.8	0.2	3.0	–	12.1	1	−3.0	16,24	4.1	6.2	97	–	17	1	19	13	7	1	1	2	0	3	18	(26)	–	6	2.31	–	S
Oxfordshire																														
Benson (A)	67	6.3	0.8	3.5	–	12.7	1	−5.3	13	–	–	73	136	17	9	15	11	–	–	–	–	–	–	8	–	–	–	–	–	–
Brize Norton (A)	81	6.1	0.5	3.3	0.0	12.5	1	−3.2	16	4.2	–	72	–	11	1	16	13	4	1	0	4	1	1	10	20	19	0	2.35	–	–
Oxford (A)	63	6.4	1.2	3.8	0.0	12.8	1	−3.5	16	4.0	6.0	61	103	11	6	15	11	2	1	0	0	0	1	8	25	15	0	2.16	122	–
Shirburn (Model Farm)	108	6.1	0.5	3.3	–	12.1	1	−4.1	13	3.6	5.5	68	–	15	9	15	11	2	0	0	0	0	2	10	27	–	1	–	–	–
Wallingford	48	6.5	0.6	3.5	(+0.1)	12.9	1	−5.1	13	4.5	–	72	–	16	9	16	12	1	1	0	0	0	–	9	22	–	0	1.98	(135)	S
Buckinghamshire																														
Grendon Underwood	67	6.3	−0.2	3.1	+0.2	12.4	1	−5.6	16	4.1	–	63	115	12	9	13	13	–	0	–	–	–	–	13	27	–	–	–	–	–
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	7.5	(2.3)	4.9	(+0.5)	13.4	1	−2.5	16	–	–	57	121	10	9	14	10	1	0	0	0	0	–	5	(10)	–	0	1.67	140	–
Hampstead	137	6.3	1.7	4.0	+0.6	11.8	1	−1.5	13	–	–	75	–	17	9	15	12	2	0	2	0	2	0	5	18	–	0	–	–	–
Heathrow Airport (A)	25	7.3	1.8	4.5	+0.6	13.1	1, 2	−3.2	14	–	–	70	137	16	9	15	12	1	0	0	1	3	0	3	17	15	0	2.21	141	–
Kew Royal Botanic Gardens	6	7.3	2.0	4.7	–	13.0	1, 2	−2.8	14	4.4	6.4	69	133	16	9	14	12	3	0	0	0	1	1	6	15	17	0	2.27	–	S
London Weather Centre (A) (X)	77	7.8	3.7	5.7	–	13.4	1, 2	0.5	14,31	–	–	49	–	9	9	13	12	1	–	0	2	1	0	0	–	–	0	2.23	–	–
Northolt	34	7.1	1.6	4.3	–	13.3	2	−3.4	16	–	–	66	–	16	9	13	12	2	0	0	2	2	0	7	18	13	0	–	–	–
Northwood	85	6.5	1.7	4.1	–	12.2	1	−2.2	16	–	–	76	–	11	9	14	12	0	0	0	0	0	1	6	–	–	2	–	–	–
St James's Park	9	7.5	3.3	5.4	+0.7	13.3	1, 2	0.7	31	–	–	63	123	11	9	13	13	–	0	–	–	–	–	0	–	–	–	–	–	–
Waltham Cross	32	6.9	−1.8	2.5	–	12.2	1	−7.7	16	4.5	–	75	–	14	9	16	11	–	0	–	–	–	–	24	24	–	–	1.56	–	S
Wiltshire																														
Boscombe Down (A)	126	6.1	0.8	3.5	+0.1	12.4	1	−3.4	13	–	–	83	114	16	9	16	14	–	–	–	–	–	–	12	–	–	–	–	–	–
Lacock	49	6.6	0.4	3.5	+0.1	13.4	1	−5.5	13	–	–	84	132	12	1	14	11	3	1	0	1	0	1	12	21	–	2	–	–	–
Larkhill	132	6.2	0.5	3.3	0.0	12.8	1	−3.5	14	–	–	102	–	21	9	16	12	–	–	–	–	–	–	14	–	–	–	–	–	–
Lyneham (A)	145	5.8	0.4	3.1	−0.1	12.5	1	−3.8	13	–	–	94	147	16	1	17	13	4	1	0	8	0	4	18	25	21	0	2.37	142	–
Marlborough	129	6.5	0.1	3.3	+0.2	13.0	1	−5.9	14	–	–	106	130	19	9	16	12	1	1	0	0	0	1	15	–	–	0	2.07	(149)	S
Netheravon	129	6.0	0.2	3.1	–	12.8	1	−4.0	13	–	–	100	–	20	1	15	12	–	–	–	–	–	–	16	–	–	–	–	–	–
Berkshire																														
Arborfield	49	6.7	0.7	3.7	–	12.7	1	−4.8	13	–	–	71	–	14	9	15	11	2	0	1	0	1	2	10	23	–	0	2.08	–	–
Easthampstead	74	6.6	1.1	3.9	–	12.5	1, 2	−4.2	13	3.9	5.8	72	–	15	9	15	10	1	0	0	2	2	1	10	15	14	0	2.05	–	–
Hurley	43	6.6	1.0	3.8	+0.3	12.8	1	−3.7	16	4.0	–	77	127	14	9	15	12	3	0	2	0	1	1	8	22	–	1	1.75	122	S
Lambourn (Warren Farm)	192	5.2	0.8	3.0	–	11.9	1	−3.2	13,14	3.9	–	101	–	19	9	19	12	0	1	0	0	0	–	16	–	–	0	–	–	–
Reading	66	6.8	1.6	4.2	–	13.2	1	−3.1	14	4.3	6.2	75	–	16	9	14	11	2	0	0	0	1	1	6	22	17	0	2.03	–	S
Surrey																														
Merrist Wood	45	6.8	(1.5)	4.1	–	13.0	2	−5.1	16	4.2	–	79	–	19	9	15	12	4	0	0	0	0	0	6	19	–	0	1.93	–	S
Mickleham	55	7.0	0.4	3.7	+0.5	12.7	2	−5.0	16	4.5	8.2	107	150	25	1	15	13	2	0	0	0	0	2	13	27	–	0	–	–	–
Wisley	32	7.0	1.9	4.5	+0.7	13.0	2	−6.8	13	4.5	6.4	69	120	15	9	16	11	1	0	0	0	0	3	6	16	–	4	2.10	136	–
Kent																														
Anvil Green	139	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Charing	91	6.7	1.7	4.2	–	12.5	9	−2.7	31	–	–	80	–	20	8	16	13	0	0	1	1	2	0	9	14	–	0	–	–	–
East Malling (A)	33	7.2	2.1	4.7	+1.0	13.0	2	−3.5	16	4.5	6.3	76	129	15	8	14	13	2	0	0	1	1	0	6	19	13	1	2.33	147	–
Edenbridge	45	7.1	1.0	4.1	–	12.6	2	−4.8	16	–	–	83	–	18	8	15	13	0	0	0	0	0	–	13	–	–	0	–	–	S
Elmstone	5	7.6	1.6	4.6	–	12.5	1	−4.0	16	–	–	62	–	15	8	13	11	0	0	0	0	0	0	8	–	–	2	–	–	–
Folkestone	31	7.3	2.7	5.0	–	12.4	2	−2.1	31	–	6.9	78	–	11	8	15	14	1	0	0	0	1	0	3	12	–	5	2.49	130	–
Goudhurst	85	6.7	1.7	4.2	+1.0	12.0	9	−3.6	31	–	–	98	118	23	8	15	11	1	0	2	0	1	0	10	17	–	0	–	–	–
Hadlow College	27	7.3	1.5	4.4	–	12.7	2	−4.5	16	5.3	7.4	83	–	19	8	15	12	1	0	1	0	0	1	8	21	17	0	1.64	–	S
Herne Bay	27	6.9	2.2	4.5	–	12.8	2	−2.8	31	5.3	7.6	55	–	16	8	14	12	0	0	2	0	0	0	5	12	5	6	2.48	–	–
Manston (A)	44	7.0	2.3	4.7	+0.9	12.5	2	−0.9	31	5.1	–	38	77	7	8	13	11	0	0	0	1	1	0	2	14	12	3	2.25	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation														
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																													
Kent - Continued																													
Margate, North Down	40	7.1	2.9	5.0	–	12.7	2	0.0	31	5.1	6.8	45	–	8	8	14	13	0	0	2	0	0	0	0	15	–	5	–	–	–
Ulcombe	47	7.1	1.2	4.1	–	12.2	2	–2.6	31	–	–	72	–	20	8	16	12	0	0	0	0	1	0	10	17	15	0	2.20	–	S
Wye	56	7.0	(1.6)	4.3	+0.8	12.7	9	–3.7	31	5.5	7.0	72	104	17	8	15	11	0	0	1	0	2	0	11	18	–	0	2.17	133	–
Hampshire																													
Alice Holt Lodge	115	6.3	0.8	3.5	+0.3	12.6	2	–4.3	16	–	–	106	133	22	9	18	14	3	0	0	0	1	1	13	24	–	0	1.93	121	–
Butser, Windmill Hill	160	6.8	1.2	4.0	–	12.0	10	–2.0	16	4.3	6.0	99	–	22	1	15	13	1	1	0	0	0	2	11	27	–	0	–	–	–
Everton	16	7.3	3.1	5.2	+0.7	12.1	2	–1.5	14	6.6	–	89	108	15	1	14	12	1	0	1	2	2	1	5	15	–	2	2.20	113	S
Hayling Island	4	7.1	3.4	5.3	+0.7	12.1	2	–0.8	16	–	–	92	126	15	8	16	13	3	0	1	0	0	0	3	–	–	1	–	–	–
Kingsclere, Strattons Farm	102	6.1	0.1	3.1	–	12.5	1	–5.0	16	–	–	115	–	25	9	18	14	3	0	0	0	0	0	14	22	–	4	–	–	–
Leckford	117	6.0	0.9	3.5	+0.2	12.2	2	–2.6	16	4.5	–	120	146	23	9	17	14	0	0	0	1	0	1	12	–	–	0	1.73	105	–
Long Sutton	145	6.1	1.4	3.7	(+0.6)	11.7	9	–3.6	14	4.2	6.5	114	146	27	9	15	15	3	0	2	0	1	1	10	25	19	0	1.90	117	–
Martyr Worthy	84	6.5	1.1	3.8	(+0.4)	12.3	2	–3.2	16	–	–	111	–	21	9	16	14	1	0	0	1	1	0	13	20	–	0	–	–	–
Middle Wallop	90	6.5	1.1	3.8	–	12.5	1	–2.5	24	–	–	122	–	24	9	16	14	–	–	–	–	–	–	9	–	–	–	–	–	–
Odiham	118	6.3	1.5	3.9	–	12.2	2	–3.5	16	–	–	97	–	19	9	17	14	2	0	2	4	1	2	11	17	13	2	2.00	–	–
Otterbourne	34	7.2	1.1	4.1	–	13.1	2	–2.5	1,13	4.6	6.4	103	–	18	1, 9	16	15	–	–	–	–	–	–	9	22	–	–	–	–	–
Solent M R S C.	9	7.4	3.5	5.5	–	11.6	9	–1.1	13,14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–
Southampton Mayflower Park	3	7.5	2.6	5.1	–	12.7	2	–0.5	13	5.8	8.4	104	–	22	1	14	13	2	0	0	2	1	0	2	14	11	0	2.15	–	–
Weather Centre (X)	19	7.6	3.0	5.3	–	12.9	2	–0.4	13	–	–	107	–	21	1	15	13	2	–	0	3	1	0	2	–	6	0	–	–	–
South Farnborough	69	6.7	1.0	3.9	+0.4	12.6	2	–4.9	14	–	–	82	–	16	9	16	11	–	–	–	–	–	–	11	–	–	–	–	–	–
Southsea	2	7.5	3.6	5.5	+0.6	12.1	2	–0.2	15	6.1	8.0	97	132	16	1	16	13	3	0	0	1	0	0	2	12	–	2	2.18	111	–
Sparsholt	113	6.0	1.3	3.7	–	12.1	2	–1.8	15	–	–	116	135	20	8	18	15	1	0	0	0	0	1	10	22	–	0	–	–	S
Isle of Wight																													
Ryde	4	7.6	3.6	5.6	+0.4	12.4	2	0.1	17	–	–	110	130	19	1	16	14	3	0	1	0	1	0	0	–	–	4	2.28	121	–
St Catherines Point	16	7.6	4.2	5.9	–	11.7	2	0.2	31	–	–	99	125	18	9	16	13	2	–	2	0	3	0	0	–	–	6	–	–	–
Sandown	4	7.9	4.3	6.1	+1.0	12.3	2	0.4	31	–	–	106	–	18	8	14	14	0	0	1	0	0	0	0	–	–	0	2.24	108	–
Shanklin	55	7.3	3.2	5.3	+0.5	12.0	2	–1.0	13	–	–	110	116	16	1	16	15	3	–	2	0	2	0	3	–	–	4	2.21	105	–
Ventnor Park	135	7.2	3.8	5.5	+0.4	11.2	2	–0.5	13	5.9	–	93	104	13	9	16	13	2	0	0	1	2	0	1	–	–	6	2.37	110	–
Wellow	25	7.2	–	–	–	11.6	2	–	–	–	–	114	–	16	1	18	14	–	–	–	–	–	–	–	–	–	–	–	–	–
West Sussex																													
Bognor Regis	7	6.8	3.2	5.0	+0.5	11.2	2	–0.8	15	–	8.1	87	114	16	8	17	15	0	0	1	1	0	0	1	8	–	0	2.24	106	–
Gatwick Airport (A)	59	7.0	1.5	4.3	+1.0	12.2	2	–3.7	14	4.7	–	90	120	18	9	16	14	2	0	0	1	3	1	9	17	14	0	2.17	132	–
Rogate	64	6.8	1.5	4.1	–	12.1	2	–4.0	16	4.8	–	116	–	22	1	15	14	0	0	0	0	0	1	9	19	–	0	(2.03)	–	S
Rustington	3	7.3	2.9	5.1	–	12.0	2	–1.5	16	–	7.6	96	–	18	8	18	13	3	0	0	3	1	1	5	12	–	0	2.09	–	–
Worthing	2	7.3	3.3	5.3	–	11.6	2	–0.5	1,13	5.6	–	82	–	13	9	16	13	1	0	2	1	1	0	3	11	–	1	2.07	98	–
East Sussex																													
Bexhill	4	7.7	4.3	6.0	+1.5	12.1	2	–0.8	31	5.4	8.0	93	120	15	1	16	13	0	0	1	0	1	0	2	10	–	5	1.86	98	–
Brede	82	–	–	–	–	–	–	–	–	–	–	112	–	23	9	16	14	–	–	–	–	–	–	–	–	–	–	–	–	–
Brighton	116	(6.7)	(3.0)	4.9	–	10.5	2, 9	–1.1	15	–	–	82	–	15	9	16	13	1	0	2	0	1	–	6	10	–	1	1.98	–	–
Eastbourne	7	7.7	4.4	6.1	+1.2	12.6	9	0.0	31	6.3	8.2	99	122	14	10	15	14	1	0	2	1	2	0	0	7	–	2	2.09	105	–
East Hoathly	38	–	–	–	–	–	–	–	–	–	–	114	–	22	9	14	14	–	–	–	–	–	–	–	–	–	–	–	–	–
Hastings	45	7.2	3.5	5.3	+0.9	11.6	2	–1.2	31	6.0	7.6	85	117	13	1	16	14	1	0	2	1	4	0	2	9	6	5	2.25	116	–
Herstmonceux (A)	17	7.3	2.4	4.9	–	12.7	9	–1.8	31	–	–	93	–	15	9	16	13	0	0	1	3	2	0	4	15	10	6	2.17	–	–
Plumpton	76	7.1	2.5	4.8	–	11.8	9	–2.3	15	–	–	111	107	21	1	16	14	1	0	0	0	1	2	9	13	–	0	1.70	–	S
7A ENGLAND NW & I.o.M.																													
Cumbria																													
Aspatria	61	5.2	0.5	2.9	–	11.0	1	–5.2	13	–	–	108	–	28	8	17	15	7	4	2	2	1	1	10	19	–	2	1.78	–	S
Carlisle (A)	26	5.5	–	–	–	12.4	1	–	–	–	–	61	75	9	8	20	15	–	–	–	–	–	–	–	–	–	–	–	–	–
Casterton	129	4.8	–0.3	2.3	–	10.7	1	–4.5	13	–	–	77	–	22	1	16	14	3	1	0	5	0	0	16	25	–	2	–	–	–
Eskmeals (A)	8	6.3	1.4	3.9	–	10.8	1	–4.7	13	4.3	6.3	70	–	20	1	20	11	4	–	1	2	0	0	6	–	–	2	–	–	–
Grizedale	91	4.9	–0.8	2.1	–	10.4	1	–5.5	14	2.9	–	155	94	54	1	15	15	6	4	1	0	0	0	20	26	–	0	–	–	–
Newton Rigg	171	4.4	–0.7	1.9	–0.6	11.2	1	–6.1	13	1.8	–	143	164	29	1	18	16	8	12	1	3	0	1	20	(30)	–	2	1.31	97	S
Sellafield (A)	22	5.9	(1.2)	3.5	–	9.8	1	–3.8	15	–	–	82	–	20	8	16	14	–	–	–	–	–	–	8	(19)	–	–	2.01	–	–
Stainburn	26	5.8	0.7	3.3	–	11.0	1	–5.9	15	(2.9)	–	84	–	22	1	16	11	2	1	0	3	1	3	8	(23)	18	0	–	–	–
Whins Pond	125	–	–	–	–	–	–	–	–	–	–	119	–	24	1	19	14	–	–	–	–	–	–	–	–	–	–	–	–	S
Lancashire																													
Aughton (A)	54	5.7	0.7	3.2	–	12.2	1	–3.0	13	3.0	5.3	53	–	10	1	15	11	7	1	0	3	0	2	13	20	21	4	2.56	–	–
Hazelrigg	95	5.2	0.5	2.9	–	10.9	1	–4.1	13	3.3	5.8	62	–	25	1	16	11	9	0	1	0	1	0	13	24	22	5	2.14	–	–
Lathom Park	55	5.6	0.2	2.9	–	11.8	1	–4.0	13	3.4	–	60	–	12	1	16	11	1	1	0	0	0	–	17	–	–	4	2.12	–	S
Morecambe	7	5.4	1.3	3.3	–0.5	10.7	1	–3.2	13	–	–	63	71	26	1	14	10	1	0	0	0	0	0	6	–	–	3	1.97	130	–
Myerscough	14	–	0.5	–	–	–	–	–3.6	14	2.9	5.7	66	–	27	1	15	12	1	0	0	3	0	–	11	27	–	3	1.62	–	S
Preston	33	5.8	0.5	3.1	–0.5	11.6	1	–5.0	13	–	–	58	68	25	1	16	10	4	0	0	1	1	0	11	–	–	0	–	–	–
Slaidburn	192	4.4	–0.8	1.8	–0.6	10.3	1	–5.0	13	–	–	116	80	45	1	17	15	7	3	3	0	0	–	19	30	–	0	1.72	125	S
Squires Gate Airport (A)	10	5.9	0.3	3.1	–0.6	10.3	1	–6.3	13	–	–	56	73	20	1	15	11	4	0	1	5	0	1	14	18	13	4	2.40	147	–
Merseyside																													
Aigburth (A)	12	5.8	1.0	3.4	–	11.5	1	–3.2	13	–	–	45	–	9	9	18	11	3	0	0	1	0	4	10	22	23	0	–	–	–
Bidston	60	5.6	1.6	3.6	–	13.5	1	–1.4	13,14	–	–	46	73	10	9	18	11	5	0	0	0	0	2	9	–	–	0	2.42	–	S
Crosby	6	5.6	0.8	3.2	–	11.2	1	–3.9	13,23	–	–	48	–	9	9	17	11	2	–	0	0	0	0	10	–	–	5	–	–	–
Southport, Greenbank	15	5.7	0.8	3.3	–	11.5	1	–3.3	13	3.1	4.5	47	–	12	1	17	11	1	0	0	0	0	1	12	20	13	4	2.33	–	–
Greater Manchester																													
Bolton	107	5.5	–0.6	2.5	(–0.5)	10.1	1	–5.0	13,14	–	–	(68)	–	23	1	14	10	5	1	0	0	1	2	19	–	–	3	–	–	–
Manchester Ringway Airport (A)	75	6.0	–0.5	2.7	–0.8	12.6	1	–6.9	13	–	–	53	80	8	9	15	11	7	0	0	6	0	0	17	25	22	1	2.39	176	–
Cheshire																													
Bradeley Green	115	5.3	–0.2	2.5	–	11.3	1	–4.1	13	–	–	67	–	16	9	15	11	6	3	1	0	0	1	14	22	–	1	–	–	–
Delamere Forest	68	5.7	–1.9	1.9	–	12.2	1	–8.0	14	–	–	49	–	10	9	14	12	3	0	0	0	1	1	23	28	–	0	–	–	–
Knutsford	65	5.5	–0.4	2.5	(–0.8)	12.3	1	–5.0	14	3.2	5.2	49	–	8	9	17	13	3	0	0	1	0	–	17	27	–	4	–	–	–
Macclesfield	143	5.6	–0.4	2.6	–0.3	11.8	1	–5.5	13	–	–	(57)	72	13	8	15	10	4	0	0	1	0	0	19	–	–	3	–	–	–
Nantwich, Reaseheath Hall	40	6.1	–0.6	2.7	–	13.3	1	–6.2	14	–	–	(55)	–	12	9	15	9	4	0	0	0	0	5	15	(27)	–	0	–	–	–
Ness Gardens	30	6.0	0.0	3.0	–	12.3	1	–4.1	15	3.2	–	48	–	9	9	17	11	4	0	0	0	0	3	15	29	–	4	2.05	–	S

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation														
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
7A ENGLAND NW & I.o.M. - Continued																													
Isle of Man																													
Douglas	85	6.2	2.4	4.3	−0.5	11.0	1	−2.0	13	–	–	66	57	20	8	16	10	0	0	0	0	0	1	14	–	6	1.75	96	–
Point of Ayre (A)	9	6.5	2.5	4.5	−0.7	13.0	1	−4.2	13	–	–	73	90	21	8	15	9	0	0	0	1	1	0	1	–	–	7	1.99	115	–
Ronaldsway Airport (A)	16	7.2	2.7	4.9	−0.3	12.5	1	−3.2	13	–	–	57	65	23	8	13	10	4	0	1	1	0	0	2	11	8	5	2.05	116	–
7B WALES N																													
Gwynedd																													
Aber	10	7.5	(1.9)	4.7	–	13.5	1	−2.3	27	3.9	–	85	–	19	1	15	12	4	0	3	0	1	0	9	–	–	3	2.19	–	S
Amlwch, Anglesey	114	5.9	1.2	3.5	–	10.4	1	−1.6	16	–	–	67	–	16	1	16	13	3	0	0	4	2	3	9	20	–	5	–	–	–
Arthog, Fegla Fach Farm	7	7.0	(1.4)	4.2	–	12.0	1	−2.4	14	–	–	111	–	25	1	16	13	0	0	1	0	1	–	9	–	–	2	–	–	–
Bala	163	5.4	(−0.5)	2.5	–	11.8	1	−7.5	13	3.2	5.1	131	103	35	1	16	15	5	2	2	0	1	2	15	24	26	2	1.30	–	S
Betws-y-Coed	20	6.3	0.0	3.1	–	12.2	1	−5.3	13	3.0	5.7	160	–	45	1	18	17	2	0	1	1	0	1	14	29	30	0	–	–	–
Botwnnog	34	6.8	2.3	4.5	–	11.7	1	−2.8	13	4.9	7.4	77	–	13	1	14	12	0	0	0	0	1	1	7	15	–	4	–	–	–
Dinorwic	296	4.8	0.5	2.7	–	11.1	1	−3.3	27	–	–	157	–	42	1	19	15	5	1	0	0	0	0	13	27	–	1	–	–	–
Llanymawddwy	145	5.5	0.0	2.7	–	11.8	1	−5.2	13	–	–	219	–	61	1	19	15	9	3	8	0	4	1	13	25	–	2	–	–	–
Nantmor	58	7.0	0.8	3.9	–	11.5	1	−2.9	24,25, 26	–	–	135	–	41	1	19	15	1	0	0	0	0	0	13	–	–	0	–	–	–
Pen-y-Ffridd	84	7.1	1.2	4.1	−0.7	11.3	1	−5.9	29	–	–	70	63	17	1	18	14	2	0	0	0	0	0	11	24	–	4	2.25	151	S
Trawsfynydd (A)	193	5.7	0.3	3.0	–	12.0	1	−3.3	15	–	–	142	–	41	1	18	15	7	1	1	3	0	0	14	24	21	0	–	–	–
Valley (A)	10	7.1	2.0	4.5	−0.8	11.0	1	−3.0	13	5.2	–	58	68	14	8	15	13	3	0	0	3	1	1	7	11	9	5	2.82	154	–
Clwyd																													
Alwen	335	4.5	−1.6	1.5	−0.3	10.2	1	−7.5	13	–	–	120	93	31	1	19	15	2	5	1	0	0	0	20	28	–	0	–	–	–
Colwyn Bay	36	6.8	1.0	3.9	–	14.1	1	−3.0	13	4.2	–	80	–	15	1	16	14	3	0	0	0	0	0	11	–	–	0	2.43	–	–
Cynwyd	208	4.3	−0.4	1.9	–	11.4	1	−7.0	13	–	–	125	–	24	1	19	14	11	–	0	7	0	1	16	27	–	4	–	–	–
Hawarden Bridge	5	6.3	0.1	3.2	−0.9	13.3	1	−5.0	14	–	–	53	89	13	9	16	11	3	0	0	0	0	2	14	–	–	2	–	–	–
Llanarmon Dyffryn Ceiriog	267	4.2	−0.9	1.7	–	12.1	1	−6.0	13,14	–	–	155	–	35	1	16	14	14	7	8	0	1	4	17	–	–	4	–	–	–
Loggerheads	210	5.0	−1.0	2.0	−0.7	11.4	1	−7.3	13	3.1	4.9	66	78	15	9	18	13	5	3	0	1	0	1	16	28	–	0	1.66	–	S
Moel-y-Crio	263	4.3	−0.3	2.0	–	10.9	1	−4.2	15	3.1	–	57	–	11	9	18	15	13	3	1	6	0	7	16	26	–	2	2.47	–	–
Prestatyn	4	6.4	1.5	3.9	−1.0	10.8	20	−2.7	13	–	–	46	73	11	9	17	13	2	0	0	0	0	0	9	–	–	1	–	–	–
Ruthin	76	6.5	−0.1	3.2	(−0.6)	12.0	2	−5.8	14	–	–	77	105	17	1	17	13	–	0	–	–	–	0	12	–	–	–	2.04	–	–
Powys (North)																													
Lake Vyrnwy	360	3.8	−1.5	1.1	–	10.9	1	−6.5	13,14	–	–	191	–	53	1	20	16	–	6	–	–	–	2	24	–	–	–	–	–	–
Llanfair Caereinion	236	4.8	−0.4	2.2	–	11.6	1	−4.6	13	4.0	–	116	–	25	1	19	14	8	4	2	0	2	4	15	26	–	0	–	–	–
Machynlleth	76	5.9	0.0	2.9	–	10.9	1	−5.3	13	–	–	135	–	37	1	18	16	2	–	1	0	1	–	15	19	–	2	–	–	–
Moel Cynnedd	358	3.8	−1.6	1.1	–	10.6	1	−8.0	13	3.3	–	225	–	48	1	20	19	9	7	1	1	0	–	22	30	–	0	–	–	–
Newtown	120	6.5	–	–	–	13.2	1	–	–	–	–	131	–	25	9	19	15	5	1	0	0	0	–	–	27	–	0	–	–	–
8A WALES S																													
Dyfed																													
Aberporth (A)	134	6.1	1.2	3.7	−1.1	12.0	1	−3.0	15	4.7	–	97	–	15	9	20	16	5	2	5	5	1	1	10	15	15	9	2.63	156	–
Brawdy (A)	111	6.5	1.3	3.9	–	11.9	1	−5.3	15	–	–	124	106	16	1	21	16	2	2	3	4	3	1	11	16	11	7	2.36	–	–
Carmarthen Museum	9	(7.0)	(−0.1)	3.5	–	11.3	1	−4.4	13	–	–	166	–	25	1	19	16	2	0	1	0	1	–	18	(29)	–	3	–	–	–
Cwmystwyth	301	4.7	−0.3	2.2	–	11.1	1	−4.8	13	–	–	148	–	29	1	19	19	–	3	–	–	–	–	18	27	–	–	1.59	–	S
Dale Fort	33	(7.8)	–	–	–	11.9	1	–	–	(5.6)	–	102	125	14	9	15	14	1	0	2	0	1	–	–	12	–	4	2.43	122	–
Gogerddan	31	6.8	1.1	3.9	−0.7	12.0	1	−4.6	13	4.3	–	100	–	15	9	17	15	5	1	1	5	2	2	11	17	–	2	2.24	149	S
Milford Haven (A)	37	7.5	2.7	5.1	(−0.6)	11.9	1, 2	−1.9	15	–	–	137	–	18	9	18	14	2	0	3	3	1	0	6	10	6	6	–	–	–
Orielton	61	7.2	2.4	4.8	–	11.9	1	−2.3	15	(5.1)	–	137	–	19	8	21	14	2	1	0	0	0	1	7	9	–	2	–	–	–
Rhandirmwyn	168	5.7	−0.2	2.7	–	12.4	1	−6.1	13	–	–	237	–	39	1	19	16	4	2	0	3	1	–	16	–	–	2	–	–	–
Saron	152	6.0	0.5	3.3	–	12.0	1	−4.5	13	–	–	177	–	36	1	18	16	6	2	2	0	0	1	14	23	–	7	–	–	–
Scolton Country Park	77	6.9	1.0	3.9	–	12.0	1	−4.3	15	–	–	134	–	18	9	20	15	9	2	1	2	4	0	13	20	–	5	–	–	–
Skokholm Island	34	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St Clears	40	6.8	0.5	3.7	–	12.7	1	−5.0	13	–	–	171	–	26	1	20	16	4	0	1	7	3	0	14	23	–	2	–	–	–
Swyddffynnon	168	5.4	(−0.1)	2.7	–	12.0	1	−4.5	13	–	–	112	–	18	1	18	18	2	2	0	0	0	1	13	28	–	1	1.78	–	–
Talgarreg	198	5.5	−0.7	2.4	–	11.7	1	−6.4	13	–	–	151	–	26	1	16	14	3	2	0	5	0	2	18	24	–	3	–	–	–
Tenby	5	7.9	2.4	5.1	–	12.3	1	−2.0	13	–	–	155	–	28	8	19	14	1	0	1	3	1	0	8	–	–	0	1.98	–	–
Towy Castle	88	6.3	1.1	3.7	–	11.7	1	−3.6	15	4.8	6.7	164	–	25	8	20	15	5	2	3	2	5	1	12	21	13	2	2.05	–	S
Whitechurch	129	6.3	0.5	3.4	–	12.2	1	−3.7	15	4.6	6.8	200	–	44	1	20	16	10	2	0	1	4	1	15	22	–	8	–	–	–
Powys (South)																													
Bronydd Mawr	330	4.2	−1.0	1.6	–	10.3	1	−5.2	13	–	–	232	–	47	1	19	18	12	3	2	0	1	2	24	29	–	0	1.61	–	–
Llangenny	122	(6.3)	(0.8)	3.5	–	(12.5)	1	−3.1	14	–	–	166	–	37	9	19	15	4	1	1	0	0	–	14	–	–	0	–	–	–
Llangunllo	310	4.1	−0.4	1.9	–	9.4	9	−4.6	14	3.6	–	160	–	29	9	22	18	14	4	0	0	0	3	17	26	–	0	–	–	–
Llysdinam	200	5.3	−0.4	2.5	–	12.0	1	−5.2	13	3.4	–	169	–	34	9	19	17	13	3	4	0	0	3	18	28	–	5	–	–	–
Pencelli	160	6.0	0.3	3.1	–	13.1	1	−5.2	14	–	–	272	–	64	1	20	16	11	2	5	3	1	–	16	23	20	2	1.49	–	S
Presteigne	175	5.4	−1.0	2.2	–	12.3	1	−6.7	13	–	–	127	–	27	9	20	15	12	0	0	1	0	2	19	25	–	3	–	–	–
St Harmon	279	4.5	−0.6	1.9	–	11.6	1	−7.5	13	–	–	161	–	24	8	18	17	8	–	2	3	0	3	17	26	–	2	–	–	–
Velindre	152	5.7	0.2	2.9	–	12.1	1	−6.1	13	4.2	5.7	124	–	24	9	20	15	12	2	3	2	0	3	14	25	–	0	–	–	–
West Glamorgan																													
Mumbles Head	35	7.0	2.6	4.8	(−0.3)	10.9	1	−0.5	31	–	–	–	–	–	–	–	–	4	1	5	0	3	0	2	7	6	7	–	–	–
Neath	62	7.2	1.9	4.5	−0.5	11.7	1	−2.0	13	–	–	172	136	30	1	18	17	3	1	2	0	1	1	7	21	–	1	–	–	–
Penmaen	87	6.9	1.9	4.4	–	11.4	1,21	−2.3	15	5.0	6.3	171	–	29	8	19	16	3	2	2	5	4	1	9	17	14	8	2.30	–	–
Swansea	10	7.9	2.5	5.2	−0.1	12.2	1, 2	−0.5	15	4.6	7.4	171	143	25	1	19	16	3	–	2	0	0	0	3	20	7	1	2.34	–	S
Mid Glamorgan																													
Ciffynydd (A)	194	5.4	0.7	3.1	–	10.7	1	−4.1	13	–	–	222	–	52	1	19	14	3	–	5	0	2	2	11	22	19	4	–	–	–
Cwmbargoed	372	4.3	0.0	2.1	–	10.5	1	−4.2	13	–	–	205	–	35	1	18	17	15	4	–	–	–	–	15	26	–	–	–	–	–
Porthcawl	6	7.1	1.6	4.3	–	11.8	3	−3.5	13	–	–	88	90	22	11	11	11	–	–	–	–	–	–	7	–	–	–	–	–	–
South Glamorgan																													
Cardiff Bute Park	9	7.0	1.7	4.3	–	12.0	1	−2.7	13	4.9	6.4	129	–	29	1	17	13	–	0	–	–	–	0	8	22	–	–	2.10	–	S
Weather Centre (X)	58	7.4	2.6	5.0	–	12.9	21	−0.7	31	–	–	95	–	17	1	15	13	4	–	2	7	2	0	2	–	–	0	–	–	–
Flat Holm	15	–	–	–	–	–	–	–	–	–	–	97	–	13	2	14	14	1	0	0	0	0	–	–	–	–	1	–	–	–
Rhoose Airport (A)	65	6.4	1.3	3.9	−0.3	11.8	1	−3.6	13	–	–	87	–	11	2	17	13	2	1	0	9	1	1	10	13	12	4	2.23	135	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation												
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets, etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average *	Exposure
8A WALES S - Continued																												
Gwent																												
Crossway	140	6.2	1.0	3.6	–	12.5	1, 2	−4.0	13	–	–	103	–	20	9	13	13	5	1	0	0	0	2	8	–	–	1	–	–	–
Llanishan	180	5.4	0.6	3.0	–	11.5	1	−3.5	15	–	–	125	–	21	9	17	13	–	1	–	–	–	1	13	–	–	–	–	–	–
Tredegar, Bryn Bach Park	380	4.1	−1.1	1.5	–	10.0	1	−5.0	13	–	–	228	–	38	1	17	16	5	2	1	1	1	5	25	29	–	0	–	–	–
Usk	21	6.7	0.6	3.7	–	12.9	1	−5.1	14	4.3	–	163	–	33	1	16	13	–	1	–	–	–	2	11	25	–	–	–	–	–
8B ENGLAND SW																												
Avon																												
Bristol Weather Centre (A) (X)	42	7.3	2.4	4.9	–	12.9	1	−1.3	14	–	–	114	–	20	1	16	13	3	–	2	2	1	0	3	–	6	2	2.20	–	–
Long Ashton	51	6.3	1.4	3.9	−0.3	12.3	1	−2.7	13,14	–	–	135	163	19	1	17	13	0	0	0	0	0	–	11	16	–	0	–	–	–
Weston Super Mare	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Somerset																												
Brymore	23	7.5	1.2	4.3	–	13.9	1	−3.8	13,14	4.4	–	98	–	15	6	16	14	2	1	0	0	0	1	13	19	15	0	2.13	–	S
Castle Cary	135	6.3	0.7	3.5	–	12.9	3	−3.5	14	–	–	73	–	13	18	16	13	5	0	0	1	1	7	12	(23)	–	1	–	–	–
Downside Abbey	183	5.5	0.6	3.1	–	12.0	1	−4.7	13	–	–	139	–	22	1	17	13	–	0	–	–	–	–	14	–	–	–	–	–	–
Lower Kingcombe	122	6.3	0.2	3.3	–	11.5	2	−5.5	24	–	–	115	–	24	1	16	13	4	0	1	2	0	5	16	25	–	5	–	–	–
Minehead	10	7.3	2.2	4.7	–	13.6	1	−2.2	14	4.7	5.9	144	–	23	1	18	15	4	1	2	5	1	0	6	16	12	1	2.19	–	S
Nettlecombe	96	6.7	(0.2)	3.5	–	13.0	1	−4.7	13	4.4	–	152	–	29	1	17	14	3	1	1	0	0	1	14	22	–	0	–	–	–
Nettlecombe (Birds Hill)	280	4.9	0.6	2.7	–	11.5	1	−2.6	31	3.8	–	161	–	31	1	19	14	4	1	1	0	0	3	14	25	–	0	–	–	S
Rodney Stoke	40	6.9	1.1	4.0	–	13.3	1, 2	−2.0	13	5.2	7.3	86	–	16	9	16	13	1	0	0	0	0	0	8	24	–	0	–	–	–
Tivington	82	6.8	1.5	4.1	–	12.8	1	−3.3	14	4.9	7.7	183	–	26	1	19	15	7	2	5	4	2	0	7	16	11	1	–	–	–
Yeovilton (A)	18	7.2	0.8	4.0	(−0.1)	13.8	1	−3.6	13	5.1	–	86	–	16	8	18	12	2	0	0	2	0	1	12	23	17	1	2.40	–	–
Dorset																												
Bournemouth Hurn Airport (A)	10	7.4	1.0	4.2	+0.1	13.0	2	−3.9	14	4.9	–	97	113	17	1	15	13	2	0	0	4	1	0	12	19	16	0	2.38	–	–
Kings Park	27	7.7	2.0	4.9	–	13.1	3	−2.4	13	5.0	6.6	104	–	20	1	15	13	1	0	1	1	1	0	8	20	12	2	2.09	–	S
Christchurch	4	8.0	2.9	5.5	+0.9	13.1	3	−1.5	13,14	–	–	101	117	21	1	16	11	1	0	0	0	0	0	5	15	–	0	–	–	–
Fontmell Magna	95	6.7	0.8	3.7	–	12.2	1	−3.9	24	–	–	107	–	20	9	17	13	2	0	1	0	0	1	14	–	–	6	–	–	–
Poole	5	8.0	2.5	5.3	(+0.7)	13.3	2	−0.6	13	–	–	118	–	21	1	16	12	2	0	2	0	1	0	2	15	–	0	2.29	(117)	–
Portland Bill (Coastguard) (A)	53	7.5	3.0	5.3	–	11.8	2	−1.5	17	–	–	81	–	13	1	16	11	1	0	1	1	1	0	4	8	3	2	2.22	–	–
Swanage	11	7.9	3.8	5.9	+0.6	12.2	2	−0.6	31	–	8.5	104	125	20	1	15	12	1	0	0	0	1	0	1	7	–	3	2.30	120	–
Weymouth	21	7.6	2.9	5.3	–	12.1	2	−2.8	13	–	–	86	–	16	8	15	12	1	0	1	0	1	0	6	–	–	5	2.14	–	–
Winfrith	26	7.8	2.1	4.9	(+0.3)	12.5	2	−3.9	14	–	–	106	–	21	1	17	13	1	0	1	1	1	0	11	19	14	0	–	–	–
Devon																												
Burrington	199	6.0	0.6	3.3	–	11.5	1	−2.2	13	–	–	141	–	33	1	19	16	–	1	–	–	–	–	14	–	–	–	–	–	–
Chivenor	6	7.7	1.8	4.7	−1.0	12.5	1	−3.1	13	–	–	120	–	15	9	17	15	–	–	–	–	–	–	9	–	–	–	–	–	–
Dunkeswell	251	5.5	0.6	3.1	–	11.8	1	−2.6	31	–	–	113	–	18	1, 8	17	12	1	0	–	–	–	–	12	25	–	–	2.24	–	–
Exeter Airport (A)	32	7.7	1.7	4.7	−0.1	14.1	1	−3.5	24	–	–	103	115	23	8	15	15	2	0	0	4	0	0	9	20	11	0	2.42	141	–
Exmouth	78	7.6	2.6	5.1	–	13.1	2	−0.8	13,14	–	–	93	–	22	8	14	13	2	0	4	0	0	0	6	–	–	4	2.31	–	–
Gawlish	122	6.7	2.5	4.6	–	11.1	1	−1.3	27	–	–	140	–	21	1	18	16	3	–	–	–	–	–	5	15	–	–	–	–	S
Hemyock	165	6.0	1.1	3.5	–	12.3	1	−2.7	13	–	–	129	–	21	1	18	13	–	2	–	–	–	4	12	–	–	–	1.91	–	S
Ilfracombe	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Lundy	43	7.9	4.1	6.0	–	11.8	1	0.0	15	–	–	67	–	11	6	17	15	–	–	–	–	–	–	0	–	–	–	–	–	–
Melbury	143	6.9	0.8	3.9	–	11.6	1	−4.6	13	–	–	175	131	39	1	18	15	–	2	–	–	–	–	13	–	–	–	1.98	–	S
North Wyke	177	6.5	1.1	3.8	–	12.2	1	−2.7	14	–	–	164	–	34	1	19	14	3	2	3	0	0	1	13	(25)	–	4	2.00	–	–
Plymouth Mount Batten (A)	27	7.9	3.3	5.6	−0.1	12.2	2	−0.7	24	6.6	8.0	108	99	24	1	15	13	3	0	1	6	0	0	2	10	8	4	2.26	128	S
Princetown	423	4.7	−0.3	2.2	–	10.9	21	−3.5	13	–	–	244	105	62	1	19	15	3	0	0	0	0	11	14	24	–	0	–	–	–
Rumleigh	23	8.0	1.0	4.5	–	13.6	1	−3.0	13,24	5.2	7.3	165	–	40	1	22	15	2	0	2	2	1	0	12	22	–	1	–	–	–
Saunton Sands	15	–	–	–	–	–	–	–	–	–	–	107	–	14	18	17	14	–	–	–	–	–	–	–	–	–	–	2.55	–	–
Sidmouth	10	7.8	2.4	5.1	–	14.0	2	−1.5	22,24, 25	–	–	84	96	19	8	15	14	3	0	0	1	0	0	4	–	–	5	–	–	–
Slapton	32	8.3	3.1	5.7	(−0.1)	12.6	21	−0.2	31	–	–	127	101	30	1	16	14	1	0	0	0	0	0	1	9	–	0	1.53	–	–
Teignmouth	3	8.0	3.0	5.5	−0.4	13.0	2	−0.5	24	–	–	111	113	24	8	15	15	3	0	0	0	1	0	1	–	–	4	2.03	103	S
Torbay (Torquay)	8	8.4	3.0	5.7	−0.2	13.3	21	−0.4	13,24	–	8.0	137	125	30	1	18	14	2	0	3	0	0	0	3	8	–	3	1.91	92	–
Twist	186	6.1	0.9	3.5	–	12.4	1	−2.7	24	–	–	127	–	28	8	14	12	2	0	0	0	0	2	13	–	–	5	2.45	–	S
Yarner Wood	198	–	1.3	–	–	–	–	−1.7	13	4.2	–	242	–	53	1	17	14	2	0	2	0	1	0	11	20	–	9	1.66	–	S
Cornwall																												
Bastreet	236	6.2	0.8	3.5	–	11.7	1	−2.5	13,23	–	–	216	120	41	1	21	16	2	2	2	1	0	0	12	22	–	3	1.89	–	–
Bude	15	8.0	2.8	5.4	−0.4	12.6	9	−2.3	22	5.3	–	115	123	19	1	18	15	2	0	4	0	0	0	6	–	–	3	2.38	131	–
Camborne (A)	87	7.8	3.1	5.5	–	12.2	1	0.2	13	6.4	7.8	138	–	28	1	18	16	1	0	7	1	2	0	0	9	5	6	2.17	–	–
Culdrose (A)	80	8.1	2.0	5.1	−1.0	11.7	2	−0.6	23,31	–	–	120	106	20	8	19	16	1	0	3	1	2	1	8	4	6	6	–	–	–
Falmouth	51	8.3	3.7	6.0	−0.4	12.5	1, 2	0.1	15	–	–	153	117	37	1	16	15	1	0	3	0	0	0	0	9	–	2	1.88	101	–
Gwennap Head	66	8.3	4.3	6.3	–	12.0	1	0.4	13	–	–	87	–	17	1	16	16	2	0	1	0	1	0	0	5	1	10	–	–	–
Lizard	73	8.5	2.1	5.3	(−1.5)	11.8	2	−2.2	31	–	–	100	99	18	1	16	15	2	–	1	1	0	0	8	–	–	9	2.06	(107)	–
Lizard Lighthouse	60	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Newquay	30	(8.2)	(2.2)	5.2	–	12.4	2	−3.0	24	–	–	95	–	12	30	19	16	1	0	2	0	0	–	5	–	–	0	–	–	–
Penzance	19	9.0	3.6	6.3	−0.6	12.5	1, 2	−1.0	24	–	–	152	115	24	1	19	16	1	1	3	0	1	0	2	–	–	9	2.41	124	–
Scilly (St Mary's)	51	8.9	(4.7)	6.8	−0.8	12.0	1	2.5	15	–	–	120	–	22	1	17	15	0	0	0	2	1	0	0	3	0	7	2.19	114	–
St Ives	10	8.7	4.7	6.7	–	13.4	1	1.9	30	–	–	152	–	24	1	18	16	0	0	1	0	1	0	0	–	–	3	2.09	–	–
St Mawgan (A)	103	7.7	2.7	5.2	−0.5	12.0	1	−1.4	13	–	–	129	114	20	1	17	16	3	1	1	7	1	1	5	12	9	4	2.49	130	–
Tregastic	110	7.6	2.1	4.9	–	12.6	1	−1.5	13,24	–	–	135	–	32	1	17	16	3	2	0	1	2	1	7	20	–	6	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation														
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
CHANNEL ISLANDS																													
Guernsey																													
Airport (A)	101	7.6	4.2	5.9	−0.2	12.0	9	−0.1	29	6.5	8.0	87	91	15	9	16	12	1	0	2	3	3	0	1	8	2	1	2.10	117	–
L'Ancresse	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Jersey																													
Airport (A)	84	7.2	3.7	5.5	−0.2	12.0	9	−1.2	26	5.6	7.9	79	84	14	8	17	15	1	–	6	0	0	0	6	11	9	0	2.05	106	–
Gorey Castle	79	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1.99	–	–
St Helier	54	7.6	3.8	5.7	–	12.2	2	−1.0	26	–	–	76	79	13	1	17	13	1	0	2	1	1	0	4	12	–	0	2.06	–	–
Trinity States Farm	107	7.1	3.6	5.3	–	12.2	9	−1.2	26,28, 29	6.4	–	87	–	15	8	17	13	1	0	1	0	0	2	6	11	–	1	–	–	–
NORTHERN IRELAND																													
Londonderry																													
Banagher (Caugh Hill)	216	5.0	0.1	2.5	–	10.2	1	−2.5	8, 9, 31	–	–	146	–	26	5	22	18	7	13	0	0	0	0	14	23	–	7	1.53	–	–
Carmoney	73	6.1	0.7	3.4	–	11.5	1	−6.2	31	–	–	101	–	23	5	22	14	2	6	0	0	0	3	9	18	19	0	1.68	–	–
Castledawson Hillhead	30	6.5	−0.3	3.1	–	12.0	1	−5.1	31	–	–	83	–	14	5	19	16	3	2	0	0	0	–	19	19	–	0	–	–	–
Coleraine University (A)	23	6.3	0.3	3.3	–	12.1	1	−5.7	31	3.8	6.0	91	–	24	5	20	17	11	3	0	0	0	1	16	26	–	0	2.03	–	–
Lough Fea W.Wks.	225	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Moydamlaght	178	5.4	0.3	2.9	–	10.9	1	−2.5	9,13	–	–	170	–	38	5	21	19	8	–	0	0	0	5	16	22	–	0	–	–	–
Moyola Waterworks	17	6.0	0.7	3.3	–	12.0	1	−4.5	31	–	–	88	–	17	5	21	18	5	4	0	0	0	–	10	24	–	1	–	–	–
Antrim																													
Altnahinch	213	4.5	−0.4	2.1	–	10.0	1	−3.9	31	–	–	101	–	23	5	21	16	10	12	0	0	0	1	19	23	–	0	1.63	–	–
Belfast																													
Aldergrove Airport (A)	68	5.8	0.5	3.1	−0.4	11.4	1	−5.1	31	3.4	6.4	66	82	10	5	18	13	9	3	0	1	0	2	13	20	18	1	2.09	144	–
Newforge	40	6.6	0.9	3.7	–	12.9	1	−4.6	31	–	–	68	–	19	5	23	12	3	3	0	0	0	–	9	23	–	0	1.39	–	–
Oldparkfilters	58	6.3	0.2	3.3	–	12.6	1	−6.5	13	–	–	78	72	23	5	20	13	6	0	0	0	0	2	12	22	–	1	–	–	–
Carnlough	12	6.3	1.1	3.7	–	11.8	20	−4.1	31	–	–	95	–	31	5	21	14	6	0	0	0	0	0	9	–	–	2	–	–	–
Dungonnell Filters	271	4.2	−0.7	1.7	–	9.7	1	−4.7	9	–	–	115	–	32	5	24	16	6	11	0	0	0	2	20	24	–	0	–	–	–
Garron Tower	62	6.5	1.8	4.1	–	11.6	20	−0.8	9	–	–	102	–	34	5	20	14	4	–	0	0	0	1	5	–	–	0	–	–	–
Greenmount	38	6.0	0.5	3.3	(−0.3)	11.5	1	−5.1	31	4.1	–	57	–	9	5	18	14	4	2	0	0	0	–	13	25	–	0	–	–	–
Jordanstown Rostulla	10	6.9	1.2	4.1	–	13.1	1	−4.2	13	–	–	66	–	17	5	19	13	1	0	0	0	0	2	6	24	–	0	–	–	–
Larne Harbour	43	6.5	1.8	4.1	–	11.5	20	−1.2	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lowtown	213	4.7	0.2	2.5	–	10.5	1	−4.4	31	3.2	–	97	–	23	5	24	20	6	10	0	0	0	2	15	24	–	1	1.67	–	–
Movanagher Fish Farm	10	6.3	0.0	3.1	–	12.0	20	−5.5	31	–	–	100	–	27	5	24	15	5	0	0	0	0	–	13	20	–	0	–	–	–
Parkmore Forest	235	4.8	−0.8	2.0	–	10.1	1	−3.5	5	3.7	–	125	84	43	5	21	19	6	7	0	0	0	1	20	26	–	0	–	–	–
Woodburn North	217	5.4	−0.6	2.4	–	10.6	1	−3.3	31	–	–	69	61	15	5	15	14	11	0	0	0	0	2	21	23	–	0	–	–	–
Down																													
Ballykine Rockvale	125	5.6	0.7	3.1	–	11.8	1	−2.0	13	–	–	75	–	20	5	19	10	4	0	0	0	0	4	8	17	–	0	–	–	–
Ballywatticock	6	6.2	1.1	3.7	–	12.3	1	−4.2	13	3.3	5.7	60	73	12	5	17	13	5	1	0	0	0	0	8	23	23	4	2.41	–	–
Belfast																													
Ravenhill Road	10	6.2	0.6	3.4	–	12.8	1	−4.0	13	–	–	68	–	21	5	20	12	7	2	0	0	0	1	14	23	–	1	–	–	–
Stormont Castle	56	6.5	0.3	3.4	−0.8	12.5	1	−3.2	31	3.4	5.4	64	67	14	5	19	12	4	1	0	1	0	5	13	26	–	0	1.87	(117)	–
Bryansford	85	6.6	1.6	4.1	–	12.6	1	−1.9	13,14	3.2	5.8	118	–	27	1	17	13	2	6	0	0	1	3	6	–	21	0	1.78	–	S
Downpatrick, Killavees	58	6.5	−0.1	3.2	–	11.6	20	−3.9	13	–	–	61	–	15	5	11	10	4	2	0	0	0	1	15	26	–	1	–	–	–
Helens Bay	43	6.3	1.4	3.9	(−0.6)	12.3	1	−2.7	13	3.5	5.5	57	63	10	5	18	11	7	3	0	0	0	2	7	25	–	2	–	–	–
Hillsborough	116	5.8	1.0	3.4	−0.3	11.9	1	−3.0	31	4.0	5.8	61	72	13	5	19	14	4	3	0	0	0	1	8	23	–	0	1.96	131	–
Killough	15	6.8	2.4	4.6	–	10.2	1	−2.5	13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	13	13	–	–	–	–
Long Kesh (A)	36	6.3	0.3	3.3	–	13.0	1	−6.0	13	4.0	5.8	61	–	18	5	19	14	7	3	0	0	1	3	12	21	19	0	2.14	–	–
Lough Cowey	10	6.9	1.2	4.1	–	12.5	1	−6.8	31	–	–	53	61	10	5	13	11	1	0	0	0	0	–	2	17	–	6	2.24	–	–
Magherally	97	5.8	−0.4	2.7	–	12.0	1	−7.7	13	4.0	6.3	68	–	20	5	18	11	10	3	0	1	1	2	15	26	24	1	–	–	–
Murlough	12	7.3	1.4	4.3	–	13.2	1	−4.5	13	3.2	4.9	91	–	25	1	16	12	3	1	0	0	1	0	9	24	–	9	2.15	–	S
Newry, Carnbane	8	8.2	−0.4	3.9	–	13.2	17,19	−7.4	13	–	–	72	–	20	5	17	13	1	1	0	0	0	2	15	19	–	1	1.96	–	–
Saintfield Rowallane	95	5.8	−0.4	2.7	–	12.0	1	−5.0	13	4.2	–	70	–	14	5	18	12	6	0	0	0	0	–	17	28	–	0	–	–	–
Silent Valley	129	5.8	0.8	3.3	–	11.8	1	−2.9	31	–	–	93	66	16	5	16	11	5	4	0	0	0	0	10	26	–	0	2.01	–	–
Trassey Slievenaman	215	6.1	0.0	3.1	–	11.0	1	−5.6	13	–	–	105	–	19	1	17	15	10	8	0	2	0	0	14	24	–	1	–	–	–
Armagh																													
Annaghmore	27	6.0	−0.7	2.7	–	12.5	1	−8.0	13	4.4	6.8	72	–	21	5	18	15	8	2	0	0	0	4	17	–	25	1	–	–	–
Armagh	62	6.3	0.7	3.5	−0.4	12.7	1	−5.4	31	3.4	5.6	64	81	11	5	20	15	4	2	0	0	0	1	14	23	–	6	2.24	148	S
Castor Bay	17	6.2	0.1	3.1	–	12.2	1	−5.5	13	–	–	62	–	14	5	20	14	0	1	0	0	0	5	14	24	–	1	–	–	–
Loughgall	25	6.1	0.1	3.1	−0.7	12.6	1	−6.8	13	–	–	71	98	20	5	20	15	9	3	0	0	1	2	13	27	–	1	–	–	–
Tandragee, Ballylisk	43	6.7	−0.1	3.3	–	12.5	1	−7.0	31	–	–	43	–	6	1	17	10	2	2	0	0	0	–	16	23	–	0	–	–	–
Tyrone																													
Baron's Court	132	5.2	0.4	2.8	–	10.7	1	−4.7	31	–	–	153	–	23	5	21	18	9	6	–	–	2	2	11	25	–	2	1.55	–	–
Carrigans (A)	113	5.5	−0.4	2.5	(−0.8)	10.9	1	−5.9	31	–	–	143	–	30	5	21	18	8	8	2	0	1	2	20	25	24	0	1.89	–	–
Cookstown	77	5.7	−0.7	2.5	–	11.3	1	−6.8	13	3.6	–	91	95	19	5	13	13	6	11	0	0	0	–	20	25	–	2	1.93	–	–
Edenfel	88	5.7	−1.1	2.3	–	13.0	1	−7.2	31	–	–	121	128	30	5	22	19	8	8	2	0	1	3	21	28	–	1	–	–	–
Fivemiletown	119	6.2	−0.2	3.0	–	10.6	20	−5.0	31	–	–	99	–	14	3	26	15	7	6	0	0	0	5	17	22	–	0	–	–	–
Lough Bradan W Wks	180	4.9	−0.5	2.2	−0.7	10.0	1	−5.1	31	–	–	120	87	29	5	15	13	0	0	0	0	0	1	20	–	–	0	–	–	–
Strabane Glen Road	60	5.8	0.8	3.3	–	11.5	1	−5.0	31	–	–	117	–	15	5	21	16	10	1	0	1	3	–	8	21	–	0	–	–	–
Fermanagh																													
Castle Archdale Forest (A)	66	5.9	0.2	3.1	(−0.5)	11.6	1	−6.0	31	3.7	5.3	111	–	19	5	20	16	5	1	0	1	1	–	15	24	–	0	2.02	(138)	–
Corgary	145	6.3	0.8	3.5	–	11.4	1	−2.0	31	–	–	118	–	20	1	20	19	9	6	–	–	–	–	12	22	20	–	2.17	–	S
Knockarevan	53	6.6	0.6	3.6	–	11.9	1	−4.0	31	–	–	129	–	23	1	22	16	–	–	–	–	–	–	12	19	21	–	–	–	–
Lisnaskea	49	6.2	−0.2	3.0	–	12.0	1	−7.5	31	–	–	81	–	14	5	18	13	5	9	0	0	0	–	18	25	–	1	–	–	–
Lough Navar Forest	126	5.2	−1.2	2.0	(−1.3)	11.1	1	−8.0	31	–	–	129	94	18	10	23	16	9	14	1	0	0	1	21	26	–	1	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Mean (Oktas)	Cloud amount: 0 Oktas	Cloud amount: 1 - 2 Oktas	Cloud amount: 3 - 5 Oktas	Cloud amount: 6 - 7 Oktas	Cloud amount: 8 Oktas	Cloud amount: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Wind speed and direction: Speed (kn): 34 or more	22-33	11-21	1-10	0	Wind speed and direction: N	NE	E	SE	S	SW	W	NW
									Number of observations																																		
0 SCOTLAND N																																										
Shetland																																										
Fair Isle	61	9	1009.9	–	4.8	0.8	7.6	87	6.1	0	3	4	16	8	0	0	0	0	1	0	1	5	4	13	7	1	8	13	9	0	3	0	0	3	9	11	4	1
		15	1009.7	–	5.4	1.0	7.6	84	6.3	0	3	2	20	6	0	0	0	0	0	0	1	1	10	10	9	2	9	12	8	0	1	0	0	3	11	11	3	2
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lerwick	83	3	1008.2	–	4.0	0.8	7.2	87	5.1	0	10	3	10	8	0	0	0	0	0	0	2	4	5	13	7	1	8	11	10	1	1	1	0	2	9	7	8	2
		9	1009.1	+ 1.8	3.8	0.6	7.3	89	5.3	0	9	3	10	9	0	0	0	0	1	0	0	4	8	13	5	1	9	10	11	0	4	0	0	1	9	8	7	2
		15	1009.0	–	4.4	0.8	7.3	87	6.3	0	2	5	16	8	0	0	0	0	0	0	1	6	8	10	6	1	9	10	9	2	2	0	0	0	12	10	4	1
		21	1008.6	–	4.0	0.7	7.2	87	5.4	0	7	6	8	10	0	0	0	0	0	1	0	4	7	12	7	3	4	14	10	0	1	1	1	0	14	8	5	1
Muckle Flugga	54	3	1007.9	–	5.1	1.1	7.4	83	5.7	0	4	11	4	12	0	0	0	0	0	0	0	2	6	22	1	5	7	12	7	0	2	0	2	1	19	5	1	1
		9	1008.7	–	5.0	1.1	7.3	82	6.5	0	0	7	14	10	0	0	0	0	0	0	0	2	4	23	2	6	3	16	6	0	2	0	2	3	16	6	2	0
		15	1008.7	–	5.2	1.2	7.3	81	7.0	0	0	3	17	11	0	0	0	0	0	0	0	2	3	25	1	6	8	7	10	0	0	1	2	2	14	8	2	2
		21	1008.4	–	5.0	1.1	7.2	82	5.3	0	3	12	6	10	0	0	0	0	0	0	1	6	24	0	7	7	7	10	0	4	0	1	1	20	4	1	0
Sumburgh	13	3	1008.7	–	5.5	1.4	7.1	78	4.9	0	9	7	6	9	0	0	0	0	0	0	1	3	5	19	3	1	6	15	9	0	1	0	1	1	11	10	4	3
		9	1009.6	–	5.2	1.2	7.2	80	5.7	0	7	2	15	7	0	0	0	0	0	0	0	2	9	13	7	0	7	17	6	1	4	0	0	1	10	9	6	0
		15	1009.4	–	5.8	1.4	7.4	79	6.3	0	2	2	23	4	0	0	0	0	0	0	0	0	9	16	6	2	7	11	10	1	3	0	0	2	9	9	6	1
		21	1009.0	–	5.7	1.4	7.2	78	5.7	0	7	5	10	9	0	0	0	0	0	0	0	2	11	16	2	3	6	15	7	0	2	1	0	2	13	5	7	1
Orkney																																										
Kirkwall	26	3	1009.4	–	3.6	0.7	7.0	88	5.0	1	6	6	14	4	0	0	0	0	0	1	0	2	4	17	7	0	2	16	13	0	2	0	0	0	12	12	5	0
		9	1009.9	+ 2.2	3.4	0.7	6.9	88	5.2	0	7	5	16	3	0	0	0	0	0	0	0	4	4	16	7	0	6	11	14	0	0	0	0	1	13	10	5	2
		15	1009.6	–	4.5	1.0	7.1	84	5.2	1	5	8	13	4	0	0	0	0	0	0	0	2	7	16	6	1	7	12	11	0	1	0	0	1	17	6	4	2
		21	1009.3	–	3.9	0.8	7.1	87	4.9	1	6	9	8	7	0	0	0	0	0	0	0	2	10	13	6	1	8	13	9	0	0	1	0	0	15	8	6	1
Western Isles																																										
Benbecula	7	3	1008.8	–	4.7	0.9	7.4	86	5.9	1	3	6	13	8	0	0	0	0	1	0	0	4	7	17	2	0	8	12	11	0	2	0	1	2	14	8	2	2
		9	1008.8	+ 1.3	4.6	1.0	7.3	85	6.1	0	4	2	17	8	0	0	0	0	0	0	0	2	13	10	6	1	7	10	13	0	3	2	0	0	17	3	6	0
		15	1008.1	–	5.7	1.2	7.6	82	6.0	0	5	3	16	7	0	0	0	0	0	1	8	7	11	4	1	13	7	10	0	3	0	1	1	15	3	8	0
		21	1009.3	–	5.1	1.2	7.2	81	4.8	0	9	6	13	3	0	0	0	0	1	0	0	2	5	21	2	0	9	12	10	0	2	0	0	0	15	4	8	2
Stornoway	5	3	1008.4	–	4.2	0.9	7.2	86	5.2	1	8	5	10	7	0	0	0	0	0	0	0	3	6	22	0	0	5	13	12	1	1	0	1	0	14	11	1	2
		9	1008.5	+ 1.1	4.5	1.1	7.1	83	5.6	1	4	6	15	5	0	0	0	0	0	0	0	5	11	13	2	1	4	18	7	1	3	0	0	1	14	9	1	2
		15	1007.8	–	5.5	1.4	7.1	78	5.9	0	5	4	17	5	0	0	0	0	0	0	0	3	7	17	4	0	8	17	6	0	1	0	1	1	16	4	7	1
		21	1008.5	–	4.7	1.2	7.0	81	5.4	0	6	7	14	4	0	0	0	0	0	0	0	0	7	20	4	0	7	15	9	0	1	0	0	0	13	10	5	2
Highland																																										
Aviemore	228	3	1011.7	–	0.9	0.9	5.5	83	4.5	3	5	9	10	4	0	0	0	0	1	0	0	0	2	13	15	0	1	10	17	3	2	0	0	1	21	1	3	0
		9	1011.9	–	1.1	0.9	5.5	83	5.5	0	5	8	13	5	0	0	0	0	1	0	0	0	2	7	21	0	2	12	15	2	1	0	0	1	19	2	6	0
		15	1011.1	–	2.9	1.4	5.8	77	5.3	0	5	8	15	3	0	0	0	0	0	0	0	2	4	10	15	0	3	13	15	0	3	0	0	2	15	10	0	1
		21	1011.5	–	1.8	1.0	5.7	82	4.9	2	6	5	16	1	1	0	0	0	1	0	0	0	0	13	17	0	2	12	15	2	1	0	2	1	14	9	0	2
Cape Wrath	113	3	1008.0	–	4.6	1.4	6.6	77	5.5	0	4	10	5	11	1	0	0	1	0	0	0	1	2	22	5	3	9	15	4	0	4	0	0	1	5	16	5	0
		9	1008.3	–	4.3	1.3	6.6	78	6.3	0	2	5	13	10	1	0	0	1	0	0	0	0	2	24	4	5	6	18	2	0	2	1	0	2	10	14	2	0
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1007.8	–	4.7	1.3	6.9	80	5.9	0	4	7	7	13	0	0	0	0	0	0	0	0	6	18	7	5	7	14	5	0	1	1	0	1	7	13	7	1
Dalcross	12	9	1011.0	–	2.5	1.1	6.0	81	5.1	0	3	13	14	1	0	0	0	1	0	0	0	1	3	18	8	0	1	10	18	2	1	0	1	1	5	19	1	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Invergordon	12	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Harbour		9	1011.1	–	2.8	1.0	6.2	82	5.7	1	3	5	16	6	0	0	0	0	0	0	0	1	4	20	6	0	1	5	19	6	0	0	0	1	6	10	8	0
		15	1010.8	–	4.6	1.5	6.5	76	5.5	2	3	5	15	6	0	0	0	0	0	0	0	1	6	18	6	0	2	6	14	9	0	0	0	3	4	7	6	2
		21	1010.8	–	3.6	1.2	6.3	80	4.7	1	5	14	5	6	0	0	0	0	0	0	0	0	7	20	4	0	1	8	14	8	1	0	0	1	2	9	8	2
Waterstein	81	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1009.8	–	4.8	0.9	7.4	85	4.9	2	7	6	4	11	1	1	0	0	0	1	1	5	11	8	4	4	8	9	8	2	0	0	0	2	15	3	7	2
Wick	37	3	1010.2	–	2.8	1.0	6.3	83	4.5	1	10	5	12	3	0	0	0	0	0	0	1	2	4	13	11	0	1	9	21	0	1	0	0	1	16	7	5	1
		9	1010.7	+ 2.7	2.9	1.0	6.3	82	5.5	0	5	5	19	2	0	0	0	1	0	0	0	2	6	13	9	0	1	12	18	0	0	0	1	3	14	7	5	1
		15	1010.4	–	4.4	1.3	6.6	78	5.1	1	6	7	13	4	0	0	0	0	0	0	0	1	4	14	12	0	2	15	14	0	1	0	0	1	18	3	6	2
		21	1010.2	–	3.5	1.1	6.5	81	4.5	0	8	11	8	4	0	0	0	0	0	0	0	2	5	17	7	0	4	9	18	0	0	0	0	4	13	3	9	2
1 SCOTLAND E																																										
Grampian																																									
Dyce	69	3	1012.0	–	1.8	0.8	5.9	85	5.3	3	4	3	17	4	0	0	0	0	0	0	0	2	5	5	13	6	0	0	10	20	1	3	1	0	2	8	8	4	4
		9	1012.6	+ 3.2	1.4	0.7	5.9	87	4.9	0	10	2	16	3	0	0	0	0	0	0	1	6	4	11	9	0	0	0	10	15	6	2	0	1	1	13	4	2	2
		15	1012.1	–	3.7	1.1	6.5	81	5.5	1	5	3	18	4	0	0	0	0	1	0	0	5	6	13	6	0	3	8	19	1	1	1	0	2	15	6	2	3
		21	1012.1	–	2.3	0.9	6.2	84	5.2	1	7	3	14	6	0	0	0	0	0	0	0	8	7	12	4	0	0	9	21	1	3	0	0	6	9	5	5	2
Glenlivet	212	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kinloss	6	3	1010.8	–	2.2	1.2	5.8	80	4.8	2	7	4	16	2	0	0	0	0	0	0	0	1	6	11	13	0	1	6	22	2	2	0	0	3	5	12	6	1
		9	1011.1	+ 2.4	2.0	1.1	5.8	80	4.3	0	11	7	13	0	0	0	0	0	0	0	0	0	4	9	18	0	0	5	26	0	0	0	2	2	6	15	4	2
		15	1010.7	–	4.6	1.7	6.2	73	5.2	1	7	2	19	2	0	0	0	0	0	0	1	1	8	7	14	0	0	11	20	0	0	2	2	1	6	12	7	1
		21	1010.6	–	3.1	1.4	5.9	76	4.3	2	9	7	9	4	0	0	0	0	0	0	0	0	5	11	15	0	0	12	19	0	1	1	2	1	6	15	5	0
Peterhead	15	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Harbour		9	1012.3	–	3.8	1.2	6.5	80	5.2	0	5	11	9	6	0	0	0	0	0	0	2	3	19	7	0	0	2	12	15	2	1	0	0	0	9	13	4	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1011.9	–	4.6	1.4	6.6	78	5.0	1	2	13	9	6	0	0	0	0	0	0	1	3	26	1	0	1	2	15	12	1	1	0	0	0	11	10	6	2
Fife																																										
Leuchars	12	3	1013.5	–	1.5	0.7	6.0	87	3.9	4	11	2	8	5	0	0	0	1	0	0	0	1	6	8	9	6	0	1	9	20	1	2	0	0	2	1	11	13	1
		9	1014.0	+ 4.3	1.4	0.6	6.1	88	5.4	0	6	6	13	6	0	0	0	0	0	1	2	1	7	5	7	8	0	2	10	16	3	0	1	1	0	2	12	10	2
		15	1013.4	–	3.9	1.0	6.8	84	5.8	2	4	3	14	8	0	0	0	0	1	0	0	1	7	10	7	5	0	4	5	21	1	0	0	3	2	4	11	9	1
		21	1013.3	–	2.4	0.7	6.4	87	4.5	5	5	7	8	6	0	0	0	1	0	0	1	0	9	3	14	3	0	0	12	16	3	2	1	0	2	2	12	9	0

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
1 SCOTLAND E - Continued																																											
Lothian																																											
Turnhouse	44	3	1013.8	–	1.6	0.8	6.0	86	3.9	4	10	3	11	3	0	0	0	0	0	0	3	2	10	15	1	0	0	7	17	7	2	0	2	0	3	12	5	0				
		9	1014.2	+3.9	1.8	0.9	6.0	84	5.2	0	6	8	15	2	0	0	0	0	1	0	1	8	8	9	4	0	1	10	14	6	2	0	3	2	3	11	4	0				
		15	1013.4	–	4.3	1.2	6.7	80	5.5	1	5	3	20	2	0	0	0	0	0	1	0	9	10	8	3	0	1	10	18	2	1	3	1	1	5	12	5	1				
		21	1013.5	–	2.5	0.8	6.4	85	4.8	3	7	3	14	3	1	0	0	1	1	1	4	6	8	10	0	0	1	9	16	5	0	0	2	1	5	13	4	1				
6 SCOTLAND W																																											
Strathclyde																																											
Abbotsinch	9	3	1013.5	–	2.1	0.6	6.4	89	5.0	1	9	3	9	9	0	0	0	0	0	0	1	14	6	9	1	0	4	6	16	5	1	3	6	1	1	9	5	0				
		9	1013.8	+3.6	2.3	0.7	6.4	87	5.8	0	5	3	15	8	0	0	0	0	0	1	3	11	9	6	1	0	4	7	18	2	0	3	6	1	2	13	3	1				
		15	1013.1	–	4.5	1.1	7.1	83	5.9	1	2	6	14	8	0	0	0	0	0	0	4	9	9	8	1	0	3	10	18	0	1	3	4	2	5	10	4	2				
		21	1013.6	–	2.7	0.7	6.6	87	5.6	1	5	7	7	11	0	0	0	0	0	0	0	15	6	10	0	1	2	6	19	3	0	3	2	1	2	11	7	2				
Orsay	24	3	1011.5	–	5.5	0.5	8.4	92	5.4	1	7	6	6	11	0	0	0	0	0	0	1	1	0	7	7	15	6	13	7	4	1	2	0	0	5	14	5	3	1			
		9	1011.5	–	5.3	0.5	8.4	93	6.6	0	2	4	9	16	0	0	0	0	0	0	1	0	3	10	9	8	4	14	9	4	0	1	0	2	5	14	6	2	1			
		15	1011.1	–	6.0	0.6	8.5	90	6.5	0	3	1	14	12	1	0	0	0	0	1	0	0	3	5	13	9	7	8	10	6	0	1	0	1	6	13	5	3	2			
		21	1012.3	–	5.5	0.4	8.5	93	6.1	0	4	7	5	15	0	0	0	0	0	1	0	2	5	10	13	4	12	10	4	1	1	0	1	3	12	6	4	3				
Prestwick	21	3	1013.9	–	3.0	0.9	6.5	85	4.8	4	7	2	12	6	0	0	0	0	0	0	0	6	11	14	0	0	4	7	20	0	0	1	5	8	7	5	4	1				
		9	1014.2	+3.9	2.9	0.9	6.4	85	6.1	0	4	5	14	8	0	0	0	0	0	1	1	8	8	12	2	0	2	12	17	0	1	2	3	7	11	5	2	0				
		15	1013.5	–	5.0	1.2	7.1	80	6.0	1	3	4	16	7	0	0	0	0	0	0	1	6	10	12	2	0	6	8	17	0	0	2	2	5	7	7	7	1				
		21	1014.2	–	3.4	0.9	6.8	86	5.2	2	5	6	8	10	0	0	0	0	0	0	2	7	9	13	0	0	2	9	20	0	2	0	6	7	6	6	4	0				
Tiree	10	3	1010.4	–	5.1	1.2	7.3	82	5.3	2	6	3	13	7	0	0	0	0	0	0	1	4	9	14	3	0	11	13	6	1	2	0	0	4	10	7	5	2				
		9	1010.3	+1.8	5.4	1.3	7.2	80	6.0	0	5	4	12	10	0	0	0	0	0	0	1	4	17	3	6	2	11	11	7	0	2	0	2	4	12	5	6	0				
		15	1009.6	–	6.1	1.4	7.5	79	5.8	0	5	5	13	8	0	0	0	0	0	0	0	5	11	9	6	2	11	11	7	0	1	1	1	2	15	4	6	1				
		21	1011.1	–	5.0	1.1	7.3	82	4.5	2	8	6	8	7	0	0	0	0	0	0	0	4	8	15	4	0	9	15	6	1	0	1	0	3	14	4	7	1				
Dumfries & Galloway																																											
Corsewall Point	15	9	–	–	4.3	0.9	7.2	86	5.5	0	8	4	5	14	0	0	0	0	0	0	0	0	6	18	7	0	9	14	8	0	3	1	1	13	3	9	1	0				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Drungans	16	3	–	–	2.1	0.8	6.2	86	4.7	7	2	9	1	12	0	0	0	0	0	1	0	1	17	12	0	0	0	6	15	10	2	0	3	2	0	10	4	0				
		9	–	–	1.9	0.8	6.1	85	6.2	1	4	4	4	18	0	0	0	0	0	1	1	0	2	18	9	0	0	0	8	8	15	0	0	0	2	2	9	2	1				
		15	–	–	4.5	1.2	6.8	81	6.0	2	1	8	6	14	0	0	0	0	0	1	0	3	17	8	2	0	0	8	13	10	1	1	2	3	2	10	2	0				
		21	–	–	3.0	1.0	6.4	83	5.0	4	6	4	1	16	0	0	0	0	0	2	0	4	16	9	0	0	0	1	7	15	8	3	0	2	1	1	14	1	1				
Eskdalemuir	237	3	1015.3	–	0.1	0.3	5.9	94	5.7	3	2	6	6	13	1	0	2	0	0	4	3	6	6	7	3	0	1	6	20	4	3	2	0	0	10	8	1	3				
		9	1015.8	+4.5	0.2	0.3	5.9	93	6.0	1	6	2	6	15	1	0	1	2	2	0	7	5	4	6	4	0	0	7	21	3	1	1	1	2	10	7	1	5				
		15	1015.1	–	2.1	0.5	6.6	92	6.4	2	3	1	8	16	1	0	1	0	0	3	4	10	6	4	3	0	2	7	21	1	5	0	2	0	15	6	2	0				
		21	1015.2	–	0.6	0.2	6.2	95	5.5	4	5	3	2	14	3	0	1	1	2	1	4	10	4	5	3	0	0	10	19	2	6	0	0	2	9	9	1	2				
2 ENGLAND E & NE																																											
Northumberland																																											
Boulmer	27	3	1014.9	–	2.1	0.8	6.1	85	4.0	4	9	7	2	8	1	0	0	1	0	1	4	3	3	8	11	0	2	8	21	0	1	0	0	1	8	9	9	3				
		9	1015.7	+4.8	2.2	0.9	6.0	84	4.4	3	8	7	8	5	0	0	0	0	0	1	5	6	2	8	9	0	2	11	18	0	1	0	1	3	9	9	6	2				
		15	1015.2	–	4.2	1.3	6.5	79	4.9	2	5	8	10	6	0	0	0	0	0	0	5	4	9	9	4	0	3	10	17	1	2	0	2	2	10	9	4	1				
		21	1014.7	–	3.0	1.0	6.4	84	4.9	5	6	2	6	12	0	0	0	0	1	0	0	5	7	5	7	6	1	1	14	15	0	0	2	0	2	11	7	8	1				
Tyne & Wear																																											
Newcastle Weather Centre (X)	47	3	1015.5	–	2.7	1.2	5.9	79	4.3	5	8	5	5	8	0	0	0	0	0	0	0	4	7	2	17	1	0	1	6	22	2	1	0	0	0	9	7	12	0				
		9	1016.4	–	2.5	1.2	5.8	79	4.5	3	8	6	6	8	0	0	0	0	0	2	0	1	12	3	9	4	0	1	4	25	1	2	0	0	1	9	6	12	0				
		15	1015.8	–	4.6	1.8	6.1	71	4.9	3	4	9	7	8	0	0	0	0	0	0	0	1	7	7	9	7	0	2	8	20	1	2	0	1	2	11	6	7	1				
		21	1015.4	–	3.3	1.1	6.4	82	5.3	4	5	3	8	10	1	0	0	0	1	0	2	1	7	8	11	1	0	1	4	22	4	1	1	0	2	7	6	10	0				
Tynemouth	40	3	1015.4	–	3.3	1.1	6.3	81	3.9	6	9	3	7	6	0	0	0	0	0	0	1	6	5	18	1	0	3	12	16	0	1	0	0	1	14	5	9	1				
		9	1016.2	+5.3	2.9	1.2	6.1	80	4.3	3	7	10	4	7	0	0	0	0	1	0	0	4	9	5	12	0	1	0	13	17	0	0	0	1	0	16	7	5	2				
		15	1015.8	–	4.7	1.5	6.5	76	4.8	4	6	4	8	9	0	0	0	0	0	1	4	6	7	13	0	2	5	10	13	1	1	0	1	1	15	2	9	1				
		21	1015.2	–	3.8	1.1	6.7	82	4.5	7	5	3	3	13	0	0	0	0	0	0	3	10	4	14	0	1	6	8	15	1	0	0	1	1	15	4	8	1				
North Yorkshire																																											
Fylingdales	262	3	1017.1	–	0.6	0.5	5.8	91	4.3	12	0	3	3	10	3	0	0	2	1	0	1	1	5	21	0	2	0	13	10	6	0	1	1	1	4	11	5	2				
		9	1017.9	–	0.5	0.3	6.0	95	5.8	5	0	6	5	13	2	0	0	2	0	0	1	6	4	18	0	1	2	14	10	4	2	1	0	4	4	13	3	0				
		15	1017.5	–	2.4	0.9	6.2	85	5.8	3	3	5	2	17	1	0	0	0	3	0	2	1	5	20	0	0	0	4	14	7	6	1	0	1	4	8	6	5	0				
		21	1016.9	–	1.1	0.5	6.1	91	4.8	11	0	2	1	16	1	0	0	0	2	1	2	4	5	17	0	0	0	4	10	13	4	2	0	1	3	7	10	3	1				
Leeming	37	3	1016.7	–	1.7	0.8	6.0	86	4.8	6	6	1	5	12	1	0	1	1	1	1	5	4	5	9	4	1	2	8	18	2	1	0	1	5	9	7	2	4				
		9	1017.5	+5.4	1.5	0.8	5.9	86	4.6	4	8	3	7	7	2	0	1	2	0	3	3	3	6	9	4	0	3	5	19	4	3	0	0	8	6	7	3	0				
		15	1017.0	–	4.1	1.3	6.5	79	5.3	3	5	3	11	9	0	0	1	0	2	1	2	8	4	9	4	0	3	8	20	0	2	0	2	9	10	2	4	2				
		21	1016.4	–	2.3	0.8	6.3	87	5.1	5	4	4	5	13	0	0	0	0	1	2	9	5	3	10	1	1	2	8	18	2	2	0	1	6	8	7	4	1				
Humberside																																											
Bridlington M R S C	19	3	1016.9	–	2.7	1.0	6.2	83	4.1	12	1	4	1	13	0	0	0	0	0	0	1	5	9	16	0	0	1	10	14	6	1	0	2	2	3	11	5	1				
		9	1017.8	–	2.8	0.9	6.3	84	5.4	3	3	6	7	11	1	0	0	1	1	0	3	8	4	14	0	0	3	7	17	4	2	0	1	2	5	12	3	2				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		21	1016.9	–	3.6	1.1	6.5	82	4.6	6	5	5	3	12	0	0	0	0	0	0	0	7	11	13	0	1	2	10	14	4	1	1	1	2	7	10	3	2				
Easington	20	3	–	–	3.2	0.9	6.5	84	3.8	10	4	4	3	10	0	0	0	0	0	0	1	0	3	7	20	0	0	2	12	13	4	1	1	1	2	4	6	10	2				
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		21	–	–	3.8	1.2	6.5	80	4.3	9	4	5	1	11	1	0	0	0	1	0	0	6	7	17	0	0	5	11	10	5	1	1	1	4	5	6	6	2				
Lincolnshire																																											
Coningsby	8	3	1018.4	–	2.1	0.7	6.3	87	4.5	8	5	2	4	11	1	0	0	1	0	1	4	8	5	9	3	0	2	6	21	2	2	2	2	3	8	6	2	4				
		9	1019.3	–	2.1	0.8	6.2	86	4.9	4	6	4	8	8	1	0	1	0	1	0	3	7	5	13	1	0	2	9	19	1	3	1	5	1	7	7	4	2				
		15	1018.8	–	4.7	1.5	6.6	76	5.0	2	8	3	10	8	0	0	0	0	0	0	1	9	3	13	5	0	2	11	18	0	4	0	6	5	4	9	1	2				
		21	1018.4	–	2.6	0.8	6.4	86	5.0	7	2	4	5	12	1	0	0	1	0	0	4	8	5	9	4	1	3	5	20	2	2	3	4	2	6	8	1	3				
Waddington	70	3	1018.7	–	2.0	0.7	6.2	87	4.7	6	6	3	2	14	0	0	0	1	0	1	3	6	7	9	4	1	1	10	18	1	2	2	2	4	3	12	3	2				
		9	1019.5	+6.4	2.1	0.8	6.1	85	4.8	4	6	4	8	9	0	0	1	1	0	1	4	8	2	12	2	0	1	13	15	2	3	2	4	2	4	11	3	0				
		15	1019.0	–	4.2	1.2	6.6	80	5.3	3	4	5	11	8	0	0	0	1	0	0	0	1	9	4	11	5	0	4	8	18	1	2	0	5	5	6	10	2	0				
		21	1018.6	–	2.6	0.9	6.4	85	4.6	8	4	2	5	12	0	0	0	0	0	1	1	8	9	10	2	1	3	9	16	2	2	3	0	5	6	10	1	2				

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 EAST ANGLIA																																											
Norfolk																																										
Coltishall	19	3	1019.5	–	3.2	0.9	6.7	85	4.1	4	11	2	4	10	0	0	0	1	0	0	2	9	6	11	2	0	2	7	19	3	2	1	4	1	4	10	4	2
		9	1020.4	–	3.4	0.9	6.6	84	4.4	2	11	3	10	5	0	0	0	0	0	0	2	8	6	12	3	0	3	8	18	2	0	3	5	0	4	11	2	4
		15	1020.1	–	5.2	1.5	6.8	77	5.5	2	4	4	15	6	0	0	0	0	0	0	0	10	7	10	4	0	2	14	15	0	5	2	3	5	5	6	5	0
		21	1019.8	–	4.0	1.0	7.0	84	4.8	2	9	4	5	11	0	0	0	0	0	0	1	11	5	13	1	0	5	8	16	2	3	1	4	5	4	7	4	1
Hemsby	14	3	1019.3	–	4.0	0.9	7.0	84	4.4	7	7	1	5	11	0	0	0	0	1	0	1	8	14	7	0	0	1	10	18	2	3	2	3	2	7	8	3	1
		9	1020.1	–	3.9	0.9	6.9	85	4.3	2	13	1	7	8	0	0	0	0	0	0	2	8	8	11	2	0	2	10	18	1	2	1	5	3	5	9	3	2
		15	1019.9	–	5.4	1.4	7.1	78	5.3	2	6	3	13	7	0	0	0	0	0	0	0	8	12	8	3	0	1	15	15	0	5	2	4	3	5	7	5	0
		21	1019.6	–	4.5	1.0	7.1	83	5.0	3	9	1	6	12	0	0	0	0	0	1	3	9	12	6	0	0	4	10	16	1	4	0	5	5	6	8	2	0
Marham	24	3	1019.3	–	2.5	0.6	6.6	89	4.4	8	5	1	6	10	1	0	0	1	1	0	3	8	3	9	6	1	0	7	22	1	4	2	3	5	5	9	1	1
		9	1020.1	+ 6.5	2.7	0.8	6.5	86	4.6	2	10	3	8	8	0	0	0	0	0	1	2	11	5	6	6	0	3	10	18	0	2	2	5	5	5	6	3	3
		15	1019.7	–	4.9	1.3	7.0	79	5.4	2	6	2	14	7	0	0	0	0	0	1	9	4	9	8	0	0	0	13	17	1	7	1	5	2	5	7	3	0
		21	1019.4	–	3.1	0.7	6.8	88	4.8	7	5	1	5	13	0	0	0	1	0	1	3	9	1	11	5	1	3	8	18	1	4	5	3	4	6	7	1	0
Norwich	15	3	1019.5	–	3.8	1.0	6.8	83	4.1	10	4	2	4	10	1	0	0	1	0	0	0	10	10	10	0	0	0	4	26	1	0	4	6	1	4	8	4	3
Weather Centre (X)		9	1020.4	–	3.9	1.1	6.6	81	4.5	2	11	3	7	8	0	0	0	0	0	0	2	9	9	10	1	0	0	5	25	1	0	2	5	1	4	6	7	5
		15	1020.0	–	5.5	1.7	6.7	73	5.6	2	3	5	13	8	0	0	0	0	0	0	0	10	5	12	4	0	0	8	23	0	4	1	4	4	6	3	7	2
		21	1019.7	–	4.5	1.2	6.9	81	4.9	4	6	5	4	12	0	0	0	0	0	0	2	9	11	9	0	0	1	6	24	0	3	3	4	2	7	5	7	0
Cambridgeshire																																										
Wyton	43	3	1019.6	–	2.7	0.8	6.6	87	4.5	6	7	3	4	11	0	1	0	0	0	1	4	8	3	10	4	0	1	8	19	3	4	4	1	3	2	12	1	1
		9	1020.4	+ 6.6	2.7	0.9	6.3	84	4.9	3	8	2	8	10	0	0	0	0	1	1	3	10	2	9	5	0	2	7	22	0	5	3	2	2	5	9	2	3
		15	1019.9	–	5.0	1.5	6.7	76	5.6	2	4	5	10	10	0	0	0	0	0	0	3	7	3	8	10	0	1	13	17	0	4	5	3	3	6	7	3	0
		21	1019.7	–	3.2	0.9	6.6	85	5.0	4	5	6	5	11	0	0	0	0	0	1	3	10	3	7	7	0	4	7	19	1	4	4	3	2	5	11	0	1
Suffolk																																										
Honington	51	3	1019.6	–	2.6	0.7	6.5	87	4.5	7	5	2	7	10	0	0	0	0	2	0	5	7	6	9	2	0	1	7	21	2	2	4	3	3	2	12	2	1
		9	1020.5	+ 6.7	2.8	0.9	6.4	84	4.5	2	10	2	13	4	0	0	0	0	0	1	3	10	7	7	3	0	3	5	20	3	2	3	4	2	4	9	2	2
		15	1020.1	–	4.8	1.5	6.6	77	5.6	2	4	5	11	9	0	0	0	0	0	0	3	8	5	8	7	0	1	12	17	1	5	3	2	2	5	10	3	0
		21	1019.9	–	3.2	0.9	6.6	85	5.1	5	5	2	7	12	0	0	0	0	2	0	6	6	6	6	5	0	4	6	20	1	4	5	3	0	8	7	2	1
Wattisham	91	3	1019.8	–	2.8	0.6	6.7	89	4.9	7	3	3	6	12	0	0	0	0	1	1	1	3	8	10	6	1	0	1	11	17	2	4	4	3	2	2	9	4	1
		9	1020.7	–	2.7	0.7	6.6	87	4.7	3	7	5	12	4	0	0	0	0	0	0	7	9	7	6	2	0	3	8	19	1	4	2	4	2	5	7	4	2
		15	1020.2	–	4.7	1.3	6.8	79	5.4	2	5	6	8	10	0	0	0	0	0	0	3	6	7	13	2	0	2	13	16	0	4	4	3	3	4	6	6	1
		21	1020.1	–	3.2	0.8	6.8	87	5.2	5	5	2	5	14	0	0	0	0	2	0	4	9	11	4	1	0	4	11	15	1	5	5	2	3	4	8	3	0
Essex																																										
Stansted	102	3	1019.9	–	2.8	0.8	6.6	87	4.9	8	2	2	8	11	0	0	0	0	2	2	2	8	2	12	3	0	1	8	20	2	5	3	2	3	2	10	2	2
		9	1020.7	+ 6.5	3.0	0.9	6.5	85	5.2	1	8	2	13	7	0	0	0	0	1	0	1	4	7	7	2	0	2	9	19	1	2	5	3	3	5	8	1	3
		15	1020.2	–	5.0	1.7	6.5	74	5.7	2	5	1	14	9	0	0	0	0	0	0	2	6	8	10	5	0	0	16	15	0	5	4	5	1	5	7	3	1
		21	1020.2	–	3.2	0.9	6.7	85	5.6	4	2	4	10	11	0	0	0	1	2	0	2	11	5	7	3	0	4	6	21	0	4	3	3	4	5	8	1	3
4 MIDLAND COUNTIES																																										
West Yorkshire																																										
Leeds	60	3	1017.2	–	2.4	1.0	6.0	82	4.5	5	8	3	2	13	0	0	0	0	0	0	0	6	7	8	9	1	1	1	6	23	0	0	3	1	5	2	2	11	7
Weather Centre (X)		9	1017.9	–	2.5	1.1	6.0	81	4.8	3	9	2	7	10	0	0	0	1	0	0	5	9	5	8	3	1	0	8	22	0	2	0	4	3	4	0	13	5
		15	1017.4	–	4.9	1.7	6.4	73	5.4	2	4	7	8	10	0	0	0	0	0	1	2	9	9	6	4	0	1	9	21	0	2	0	4	4	5	5	9	2
		21	1016.9	–	3.4	1.2	6.3	80	4.6	5	8	3	1	14	0	0	0	0	0	1	5	9	6	9	1	0	1	8	22	0	2	0	5	6	1	6	7	4
Wilsden	267	3	1017.7	–	0.7	0.5	5.9	90	4.5	6	6	5	2	11	1	0	0	1	0	0	3	8	16	3	0	0	2	9	15	5	0	2	1	5	3	10	4	1
		9	1018.4	–	0.7	0.5	5.8	90	4.8	5	4	6	7	7	2	0	2	0	0	1	3	8	14	3	0	0	1	11	12	7	1	1	1	5	1	12	3	0
		15	1017.8	–	2.7	0.8	6.4	86	5.2	4	5	5	3	14	0	0	0	0	1	1	3	14	9	2	1	0	0	14	16	1	0	1	2	9	1	10	5	2
		21	1018.0	–	1.4	0.4	6.3	91	4.9	5	6	2	6	11	1	1	0	0	0	0	2	10	16	2	0	0	2	10	14	5	1	1	1	5	5	11	2	0
South Yorkshire																																										
Finningley	15	3	1018.0	–	1.7	0.8	6.0	85	4.6	5	7	3	6	9	1	0	0	1	0	2	5	6	4	10	3	0	1	8	20	2	3	1	2	5	5	6	4	3
		9	1018.7	+ 6.0	1.8	0.9	5.9	84	4.7	3	8	3	8	8	1	0	1	0	1	3	0	9	7	9	1	0	1	8	20	2	3	2	2	6	9	1	4
		15	1018.2	–	4.6	1.5	6.5	77	5.3	2	6	5	9	9	0	0	0	0	0	2	4	7	5	11	2	0	2	11	18	0	4	2	5	2	4	9	4	1
		21	1017.7	–	2.6	1.0	6.3	83	5.1	6	3	4	4	13	1	0	1	0	0	1	4	8	8	7	2	1	2	6	21	1	2	2	2	3	8	10	1	2
Nottinghamshire																																										
Nottingham	119	3	1018.8	–	1.8	0.7	6.1	87	4.7	4	10	0	3	14	0	0	0	0	0	1	1	5	7	9	6	2	0	2	7	20	2	2	5	2	3	1	11	3	2
Weather Centre (X)		9	1019.5	+ 6.3	1.8	0.8	6.0	86	5.1	1	8	3	10	9	0	0	0	1	2	1	2	9	6	8	2	0	0	14	16	1	2	5	2	2	3	9	5	2
		15	1018.9	–	4.1	1.4	6.4	77	5.1	2	8	2	11	8	0	0	0	0	0	0	3	9	5	10	4	0	1	11	19	0	2	5	4	3	4	11	1	1
		21	1018.7	–	2.2	0.9	6.2	84	4.6	8	4	2	5	12	0	1	0	0	0	0	2	11	6	7	4	0	3	8	20	0	2	5	6	0	3	11	4	0
Staffordshire																																										
Cellarhead	228	3	1018.6	–	1.0	0.6	5.9	89	5.2	7	2	4	2	13	3	0	0	1	1	2	2	12	13	0	0	0	0	1	4	22	4	0	1	3	6	7	5	4	1
		9	1019.3	–	1.1	0.5	6.0	90	5.4	4	1	8	8	8	2	0	0	0	3	4	4	7	13	0	0	0	0	1	7	19	4	1	1	2	7	6	6	3	1
		15	1018.6	–	3.4	1.2	6.3	80	6.0	1	3	4	8	14	1	0	0	0	1	3	6	6	15	0	0	0	0	0	11	16	4	0	0	6	3	6	4	6	2
		21	1018.6	–	1.8	–	–	–	5.6	3	4	4	3	17	0	0	0	0	0	2	3	11	15	0	0	0	0	3	2	20	6	1	0	5	3	3	12	1	0
Shropshire																																										
Shawbury	76	3	1018.5	–	2.0	0.8	6.1	85	5.6	2	7	3	1	16	2	0	0	2	1	6	3	4	4	7	4	0	2	5	18	6	1	0	5	2	5	5	6	1
		9	1019.3	+ 6.1	2.0	0.8	6.1	86	5.5	0	10	1	7	12	1	0	0	1	1	4	7	3	4	6	5	0	0	7	20	4	2	2	2	2	9	7	2	1
		15	1018.3	–	4.4	1.5	6.4	77	5.9	2	3	3	14	8	1	1	0	0	0	1	6	8	6	8	1	0	1	11	17	2	3	1	5	3	3	9	5	0
		21	1018.5	–	2.6	0.9	6.3	85	5.9	2	4	4	6	14	1	0	1	0	1	4	3	6	2	12	2	1	1	6	21	2	1	0	4	2	10	7	3	2
West Midlands																																										
Elmdon	99	3	1019.3	–	2.3	0.8	6.3	86	5.2	4	6	2	7	12	0	0	0	0	1	0	2	3	8	8	6	3	0	1	7	21	2	2	2	2	3	8	9	3	0
		9	1020.1	+ 6.5	2.3	0.9	6.2	85	5.2	0	9	4	10	8	0	0	0	0	0	1	2	3	7	12	5	1	0	0	8	22	1	2	4	2	4	6	7	4	1
		15	1019.2	–	4.7	1.6	6.5	75	5.9	0	4	6	12	9	0	0	0	0	0	0	0	1	10	7	11	2	0	2	10	19	0	2	4	4	4	7	7	2	1
		21	1019.2	–	2.7	1.0	6.3	83	5.1	5	4	3	7	12	0	0	0	0	0	0	0	4	11	12	4	0	0	3	5	22	1	2	2	3	3	5	12	2	1
Hereford & Worcester																																										
Great Malvern	46	9	1019.9	–	3.0	0.8	6.7	87	5.5	0	9	3	4	15	0	0	0	0	1	2	0	4	5	10	8	1	0	0	2	27	2	3	1	0	5	6	5	5	4
		15	1019.0	–	5.3	1.2	7.3	81	5.5	3	4	4	8	12	0	0	0	0	0	0	1	0	8	14	6	2	0	0	5	25	1	4	5	4	1	7	4	5	0
		21	1019.3	–	3.5	0.9	6.9	86	5.1	7	4	0	8	12	0	0	0	0	0	0	0	3	8	9	11	0	0	1	6	22	2	2	1	3	1	7	9	2	4

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
4 MIDLAND COUNTIES - Continued																																											
Hereford & Worcester - Continued																																											
Madley	79	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	1020.2	—	2.9	0.9	6.4	85	5.8	2	4	4	5	15	1	1	0	0	1	1	4	9	7	8	0	0	1	9	7	14	2	0	2	1	2	3	7	0				
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oxfordshire																																										
Brize Norton	92	3	1019.9	—	2.7	0.7	6.7	88	5.6	1	5	6	7	11	1	0	1	1	0	0	3	8	5	8	5	0	0	6	25	0	4	8	2	0	3	13	1	0				
		9	1020.6	—	2.6	0.7	6.6	88	5.6	0	8	2	12	9	0	0	0	0	1	1	5	8	7	6	3	0	0	7	22	2	1	9	1	2	5	8	2	1				
		15	1019.7	—	5.0	1.4	7.0	79	5.7	1	7	2	11	10	0	0	0	0	0	0	2	7	11	7	4	0	0	8	23	0	3	4	6	0	7	8	2	1				
		21	1020.0	—	3.0	0.8	6.6	86	5.1	5	3	6	7	10	0	0	0	1	0	0	3	9	7	9	2	0	0	7	21	3	5	7	1	2	2	10	1	0				
5 ENGLAND SE & CENT. S																																										
Greater London																																										
Heathrow	26	3	1020.0	—	4.0	0.9	7.0	84	5.4	5	4	0	13	9	0	0	0	0	0	0	0	4	5	8	9	5	0	0	4	27	0	6	3	3	2	6	7	2	2			
		9	1020.8	+6.3	4.3	1.1	7.0	82	5.5	1	6	3	12	9	0	0	0	0	0	0	0	4	9	7	5	6	0	0	7	22	2	5	3	2	4	4	9	2	0			
		15	1020.2	—	6.3	1.8	7.1	73	5.7	1	6	3	9	12	0	0	0	0	0	0	0	1	9	2	15	4	0	1	11	19	0	4	4	3	3	6	8	2	1			
		21	1020.3	—	4.6	1.1	7.2	83	5.9	4	2	2	8	15	0	0	0	0	0	0	0	4	9	8	8	2	0	2	7	22	0	4	4	4	1	6	8	1	3			
London Weather Centre (X)	24	3	1019.9	—	5.1	1.3	7.2	80	5.4	5	2	1	18	5	0	0	0	0	0	0	1	7	6	10	7	0	0	8	23	0	4	7	1	3	2	9	4	1			
		9	1020.7	—	5.4	1.5	7.1	77	5.6	1	7	2	11	10	0	0	0	0	0	0	1	8	12	7	3	0	1	9	21	0	2	4	5	3	3	7	5	2			
		15	1020.1	—	6.9	2.0	7.1	71	5.8	1	4	5	11	10	0	0	0	0	0	0	0	8	5	15	3	0	1	14	16	0	1	9	4	2	4	5	6	0				
		21	1020.2	—	5.3	1.4	7.2	79	5.9	3	2	3	11	12	0	0	0	0	0	0	3	9	10	5	4	0	4	8	19	0	2	7	2	3	3	9	5	0				
Wiltshire																																										
Lyneham	149	3	1020.0	—	2.5	0.7	6.6	88	6.0	1	6	1	7	14	2	0	2	0	0	2	2	9	3	10	3	0	2	5	23	1	3	5	2	2	4	11	3	0				
		9	1020.7	+6.3	2.4	0.7	6.4	87	5.9	0	7	2	9	13	0	0	1	1	2	0	4	5	7	7	4	0	0	7	23	1	3	7	1	1	5	8	3	2				
		15	1019.7	—	4.6	1.3	6.9	80	5.9	1	5	3	10	12	0	0	0	0	1	1	2	6	11	10	0	0	0	14	17	0	3	4	6	2	3	7	5	1				
		21	1020.1	—	2.6	0.7	6.6	88	5.7	2	5	2	9	13	0	0	0	0	1	2	4	9	4	10	1	0	1	6	24	0	5	6	3	1	4	9	3	0				
Berkshire																																										
Easthampstead	75	9	1021.2	—	3.3	0.9	6.7	85	5.8	2	5	2	12	10	0	0	0	0	1	1	3	10	3	9	4	0	0	0	23	8	1	2	2	2	5	6	4	1				
		15	1020.5	—	5.7	1.6	7.1	76	5.9	1	5	3	8	14	0	0	0	0	0	0	4	8	1	15	3	0	0	1	30	0	4	6	4	1	5	3	8	0				
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kent																																										
Langdon Bay	121	3	1020.6	—	4.5	0.8	7.4	86	5.5	5	2	5	4	15	0	0	0	0	1	0	0	1	6	7	15	1	1	3	16	10	1	3	3	5	2	3	9	5	0			
		9	1021.4	—	4.5	0.8	7.5	87	5.7	1	4	7	6	13	0	0	0	0	0	0	1	13	5	12	0	2	6	15	7	1	1	2	6	2	5	9	3	2				
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1021.0	—	4.7	0.9	7.5	86	5.9	6	2	0	3	20	0	0	0	0	0	0	0	3	7	8	13	0	4	5	14	6	2	4	3	4	2	8	4	4	0			
Manston	45	3	1020.6	—	4.3	1.0	7.1	83	5.5	4	2	6	8	11	0	0	0	0	0	0	0	3	9	9	10	0	0	2	7	22	0	2	3	6	5	3	10	2	0			
		9	1021.5	—	4.5	1.0	7.2	83	5.4	2	7	2	9	11	0	0	0	0	0	0	0	4	8	7	12	0	0	3	10	18	0	2	2	6	4	4	9	3	1			
		15	1021.0	—	5.9	1.5	7.2	77	5.5	2	4	5	11	9	0	0	0	0	0	0	0	2	10	9	7	3	0	2	12	17	0	1	4	5	3	5	8	2	3			
		21	1021.0	—	4.6	1.1	7.1	82	5.7	2	8	0	2	19	0	0	0	0	0	0	1	4	8	10	7	1	1	2	13	15	0	3	4	4	5	5	8	2	0			
Ulcombe	47	9	1021.4	—	3.4	0.7	7.0	87	5.6	3	5	2	9	12	0	0	0	0	0	0	0	2	25	4	0	0	0	0	5	25	1	5	3	6	5	2	4	5	0			
		21	1020.8	—	3.9	0.8	7.1	86	5.5	5	3	3	3	16	1	0	0	0	1	0	3	18	9	0	0	0	0	0	6	22	3	4	1	8	0	5	4	5	1			
Hampshire																																										
Solent M R S C	9	3	1020.7	—	5.0	1.0	7.5	84	5.0	7	4	2	3	14	1	0	0	0	1	0	2	2	18	8	0	1	4	10	15	1	3	7	3	1	3	9	4	0				
		9	1021.2	—	4.9	1.2	7.2	81	6.0	1	5	3	9	13	0	0	0	0	0	0	3	3	18	7	0	0	6	7	17	1	4	8	3	0	4	8	3	0				
		15	1020.6	—	6.8	1.8	7.5	75	5.9	2	1	8	6	14	0	0	0	0	0	0	0	0	9	12	10	0	1	7	10	11	2	3	6	3	2	5	6	4	0			
		21	1020.8	—	5.4	1.1	7.6	82	5.5	6	3	2	1	19	0	0	0	0	0	0	0	2	2	17	10	0	2	4	8	15	2	4	6	1	3	3	6	5	1			
Southampton Weather Centre (X)	9	3	1020.5	—	4.8	1.1	7.3	83	5.0	6	3	4	6	11	1	0	0	0	1	0	2	0	4	16	8	0	0	0	4	27	0	3	7	3	1	3	3	11	0			
		9	1021.1	—	4.7	1.2	7.1	81	6.1	0	6	1	14	10	0	0	0	0	0	0	3	11	11	6	0	0	0	4	27	0	2	6	2	4	3	1	10	3				
		15	1020.4	—	6.9	1.8	7.4	73	5.7	1	5	5	9	11	0	0	0	0	0	0	2	8	10	11	0	0	1	9	21	0	1	9	3	2	2	6	7	1				
		21	1020.7	—	5.2	1.2	7.3	80	6.2	1	3	4	7	15	1	0	0	1	0	0	3	8	11	8	0	0	1	5	25	0	3	5	6	2	3	3	8	1				
Isle of Wight																																										
St Catherine's Point	16	3	—	—	5.7	1.2	7.7	82	5.2	4	7	1	3	16	0	0	0	0	0	0	0	3	8	18	2	1	5	13	11	1	4	3	7	0	1	1	14	0				
		9	—	—	5.5	1.2	7.6	82	6.2	0	4	3	11	13	0	0	0	0	0	0	0	3	8	20	0	0	0	7	13	11	0	5	5	3	1	1	13	0				
		15	—	—	6.7	1.7	7.6	76	5.8	1	6	3	6	15	0	0	0	0	0	0	0	0	1	11	17	2	1	7	14	8	1	2	5	6	1	2	5	9	0			
		21	—	—	5.9	1.2	7.7	82	5.8	2	3	8	2	16	0	0	0	0	0	0	0	0	3	5	20	3	2	5	16	5	3	3	3	5	2	2	4	9	0			
Wellow	25	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Sussex																																										
Gatwick	64	3	1020.7	—	3.6	0.8	7.0	86	5.6	4	2	5	6	14	0	0	0	0	1	0	2	10	6	10	2	0	0	5	24	2	2	4	4	2	2	12	1	2				
		9	1021.4	+6.6	3.8	1.0	6.8	84	5.6	1	6	3	11	10	0	0	0	0	1	0	3	12	5	9	1	0	1	4	23	3	3	4	5	2	7	6	0	1				
		15	1020.8	—	6.0	1.7	7.1	75	5.9	1	5	2	10	13	0	0	0	0	0	0	4	8	5	12	2	0	0	11	19	1	3	4	5	2	5	8	2	1				
		21	1020.9	—	4.2	0.9	7.1	84	5.6	3	5	2	6	15	0	0	0	0	0	2	2	10	9	8	0	0	2	3	26	0	5	4	7	1	8	6	0	0				
East Sussex																																										
Herstmonceux	25	3	1021.2	—	4.4	0.9	7.2	84	5.8	3	5	1	5	17	0	0	0	0	0	0	1	7	8	15	0	0	0	3	6	21	1	4	8	2	2	0	6	8	0			
		9	1021.9	—	4.5	1.0	7.2	83	5.8	1	5	4	9	12	0	0	0	0	0	0	1	10	9	10	1	1	3	7	19	1	4	8	1	2	2	6	6	1				
		15	1021.4	—	5.9	1.4	7.5	79	5.7	0	6	4	10	11	0	0	0	0	0	0	1	8	8	11	2	2	1	10	18	0	6	6	2	1	4	6	6	0				
		21	1021.5	—	4.7	1.0	7.3	83	5.6	2	7	2	1	19	0	0	0	0	0	0	1	10	10	9	1	0	4	7	19	1	4	5	3	2	4	5	7	0				
7A ENGLAND NW & I.o.M.																																										
Cumbria																																										
Aspatria	64	9	1016.1	—	2.8	0.9	6.5	85	5.6	1	5	5	13	7	0	0	0	0	0	1	1	1	6	8	14	0	0	2	11	14	4	1	1	0	7	4	6	8	0			
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1015.4	—	3.1	0.8	6.6	85	5.2	3	5	7	3	12	1	0	0	1	1	1	1	10	2	15	0	0	0	6	8	14	3	2	1	3	5	5	3	9	0			
Eskmeals	9	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 4 Summary of observations at fixed hours

January 1991

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount (Oktas): Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility (Number of observations): 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force 8 or more	6-7	4-5	1-3	Calm	Speed (kn) 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
7A ENGLAND NW & I.o.M. - Continued																																										
Lancashire																																										
Aughton	56	3	1017.4	–	2.4	0.8	6.3	86	4.5	6	6	4	6	9	0	0	0	0	0	0	0	6	7	16	2	1	1	5	22	2	1	0	4	7	7	5	4	1
		9	1018.1	–	2.5	0.9	6.3	85	5.1	0	8	6	9	7	1	0	1	0	1	1	1	11	2	10	4	0	1	7	23	0	2	0	2	12	7	5	2	1
		15	1017.3	–	4.4	1.2	6.8	81	5.2	2	7	4	6	12	0	0	0	0	0	0	2	13	4	10	2	0	1	11	18	1	2	0	5	7	5	9	2	0
		21	1017.2	–	3.0	0.9	6.6	85	4.8	4	7	5	3	12	0	0	0	0	1	0	2	4	10	13	1	2	0	7	20	2	2	0	3	8	5	7	4	0
Squires Gate	11	9	1017.8	+5.7	2.8	0.9	6.4	84	5.4	0	7	5	11	8	0	0	0	0	1	1	5	8	6	8	2	0	7	8	16	0	1	2	7	5	4	10	1	1
		15	1017.1	–	4.6	1.3	6.7	79	5.2	2	8	2	8	11	0	0	0	0	0	0	5	12	4	9	1	1	3	11	16	0	1	1	8	6	5	5	5	0
Merseyside																																										
Crosby	9	3	1017.1	–	2.8	0.9	6.3	84	4.4	7	5	5	0	14	0	0	0	0	0	0	1	7	4	15	4	2	1	11	13	4	1	0	2	8	4	6	5	1
		9	1017.7	–	2.7	1.0	6.3	84	5.3	1	6	9	3	12	0	0	0	0	0	1	5	7	6	12	0	2	3	9	13	4	1	1	1	7	5	8	3	1
		15	1017.1	–	4.6	1.3	6.8	80	5.5	2	5	6	3	15	0	0	0	0	0	0	8	8	6	8	1	1	4	8	15	3	1	0	1	9	6	5	6	0
		21	1016.9	–	3.6	1.0	6.6	83	4.9	7	5	2	0	16	1	0	0	0	1	0	4	5	6	14	1	2	5	8	13	3	0	2	0	8	5	7	5	1
Greater Manchester																																										
Ringway	84	3	1018.0	–	1.8	0.7	6.1	87	4.5	5	8	3	5	9	1	0	0	1	0	1	6	6	7	9	1	0	1	8	20	2	2	0	7	3	13	1	3	0
		9	1018.7	+6.0	2.2	1.0	6.0	83	5.2	0	9	4	11	7	0	0	0	0	0	1	3	10	4	7	6	0	0	9	20	2	0	1	4	3	11	6	2	2
		15	1017.9	–	4.6	1.6	6.4	75	5.5	1	7	2	12	9	0	0	0	0	0	0	4	7	10	6	4	0	1	9	20	1	0	1	4	5	6	9	3	2
		21	1017.7	–	2.7	1.0	6.3	83	4.8	5	6	3	5	12	0	0	0	0	0	0	5	8	10	8	0	0	4	7	20	0	0	2	5	3	12	5	3	1
Isle of Man																																										
Calf of Man	93	3	–	–	–	–	–	–	5.0	0	10	6	5	9	1	0	0	0	1	0	0	0	4	23	3	3	6	12	10	0	2	0	3	6	7	9	4	0
		9	–	–	–	–	–	–	5.5	0	7	5	10	9	0	0	0	0	0	0	1	0	2	24	4	2	9	9	11	0	2	1	3	3	7	13	1	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	5.0	0	9	6	5	11	0	0	0	0	0	0	0	1	3	25	2	1	9	13	8	0	2	0	3	5	8	9	3	1
Point of Ayre	11	3	1014.9	–	4.3	0.9	7.2	86	4.8	5	5	5	4	12	0	0	0	0	0	1	0	0	5	16	9	2	4	12	12	1	0	1	1	6	11	5	5	1
		9	1015.3	+4.4	4.6	0.9	7.2	85	5.8	0	3	8	8	12	0	0	0	0	0	0	2	2	22	5	0	10	9	10	2	1	1	1	7	5	9	3	2
		15	1014.6	–	5.6	1.2	7.5	81	5.8	0	7	2	12	10	0	0	0	0	0	0	3	5	20	3	2	9	11	8	1	1	0	2	9	5	7	6	0
		21	1015.0	–	4.6	1.0	7.2	84	4.8	3	9	3	3	13	0	0	0	0	0	0	0	1	6	15	9	2	6	11	9	3	2	0	0	8	5	6	6	1
Ronaldsway	21	3	1015.6	–	4.6	1.2	6.9	80	5.2	2	6	5	8	10	0	0	0	0	0	2	1	5	8	11	4	1	5	11	13	1	2	2	2	5	5	7	7	0
		9	1016.0	+4.7	4.8	1.4	6.7	77	5.6	0	6	5	14	6	0	0	0	0	0	1	4	12	12	2	0	10	14	7	0	2	2	2	5	4	12	3	1
		15	1015.2	–	5.7	1.5	7.1	76	6.1	0	4	4	15	8	0	0	0	0	0	0	2	5	11	10	3	2	6	12	10	1	2	0	6	4	6	9	3	0
		21	1015.7	–	4.6	1.2	6.9	80	5.4	1	4	9	9	8	0	0	0	0	0	0	1	7	12	8	3	1	7	12	11	0	4	0	2	6	5	6	7	1
7B WALES N																																										
Gwynedd																																										
Nantmor	52	9	–	–	3.2	–	–	–	5.3	2	5	5	11	8	0	0	0	0	0	0	1	3	4	0	23	0	0	3	18	10	7	1	0	0	11	0	2	0
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Valley	11	3	1016.7	–	4.2	1.2	6.7	81	4.2	6	7	4	5	9	0	0	0	0	0	1	2	3	10	4	11	3	2	13	9	4	0	1	1	8	4	7	5	1
		9	1017.4	+5.5	4.0	1.4	6.4	78	4.7	1	11	3	10	6	0	0	1	0	0	1	1	4	5	7	12	0	8	8	13	2	2	2	6	2	4	12	1	0
		15	1016.4	–	6.0	1.6	7.1	75	5.1	2	6	4	14	5	0	0	0	0	0	0	1	2	11	8	9	2	2	12	15	0	3	0	4	2	10	9	3	0
		21	1017.0	–	4.3	1.2	6.8	81	4.3	5	7	5	5	9	0	0	0	0	0	0	1	8	7	7	8	1	5	11	12	2	3	0	6	2	5	9	4	0
Clwyd																																										
Moel-y-Crio	263	9	1018.5	–	1.4	0.6	6.0	88	5.5	0	6	7	6	9	3	2	2	0	3	0	1	3	6	11	3	0	1	15	12	3	0	0	0	1	12	9	4	2
		15	1017.6	–	2.8	0.8	6.5	86	5.7	1	5	5	7	13	0	0	0	0	4	0	4	3	6	13	1	1	1	16	11	2	2	0	3	1	7	10	6	0
		21	1017.7	–	1.9	0.6	6.4	89	5.3	5	4	2	7	13	0	0	0	2	2	0	3	8	4	12	0	2	2	13	13	1	1	1	1	0	9	11	5	2
8A WALES S																																										
Dyfed																																										
Aberporth	134	3	1017.8	–	3.1	0.8	6.8	87	4.6	6	5	4	6	10	0	0	0	1	0	0	1	9	8	10	2	2	6	16	7	0	2	1	0	14	6	5	3	0
		9	1018.7	+5.9	3.3	0.9	6.6	84	5.5	0	8	2	12	8	1	0	1	0	0	0	1	8	7	10	4	1	5	14	11	0	1	1	2	11	4	7	3	2
		15	1017.4	–	4.9	1.3	7.1	80	5.1	0	10	3	8	10	0	0	0	0	0	0	1	9	11	9	1	2	6	13	10	0	1	2	3	9	6	7	2	1
		21	1018.3	–	3.4	0.8	6.8	86	4.5	5	7	4	3	12	0	0	0	0	1	0	1	11	8	7	3	2	2	17	10	0	1	2	2	9	8	7	2	0
Brawdy	116	3	1017.8	–	3.9	0.8	7.2	87	5.8	3	4	1	13	10	0	0	0	0	1	2	2	7	6	11	2	1	3	15	12	0	0	1	6	9	2	5	8	0
		9	1018.7	–	3.6	0.9	6.9	86	5.4	0	10	2	7	12	0	0	0	0	1	0	3	6	8	11	2	1	5	9	16	0	3	1	7	7	1	5	7	0
		15	1017.3	–	5.1	1.0	7.5	83	5.5	0	7	4	11	9	0	0	0	1	0	0	0	12	6	11	1	1	7	11	12	0	3	1	4	8	4	4	7	0
		21	1018.3	–	3.7	0.8	7.1	87	5.3	2	5	6	5	12	1	1	0	0	0	1	3	8	8	7	3	1	3	12	15	0	1	2	5	8	2	6	7	0
Milford Haven	39	3	1018.3	–	5.3	0.8	7.8	87	5.4	3	6	4	4	14	0	0	0	0	0	0	0	8	12	11	0	1	6	11	11	2	0	6	7	2	1	5	8	0
		9	1019.1	+6.0	4.9	0.9	7.6	86	5.9	1	4	7	1	18	0	0	0	0	0	0	1	11	16	3	0	2	4	10	15	0	2	5	8	1	0	4	9	2
		15	1018.0	–	6.3	1.2	8.0	82	5.4	1	6	6	7	11	0	0	0	0	0	0	0	12	9	10	0	2	5	12	11	1	3	0	7	5	3	3	7	2
		21	1018.8	–	5.2	0.9	7.8	86	5.0	6	2	5	5	13	0	0	0	0	0	0	0	3	19	9	0	1	4	13	12	1	3	4	7	2	1	4	9	0
West Glamorgan																																										
Mumbles Head	32	3	1019.0	–	5.0	0.9	7.6	86	5.2	3	7	4	2	15	0	0	0	0	0	0	0	4	17	10	0	1	6	12	11	1	2	2	8	1	3	8	6	0
		9	1019.8	+5.1	4.5	0.8	7.5	88	5.7	0	5	6	8	12	0	0	0	0	0	0	0	12	18	1	0	0	3	14	14	0	4	4	5	3	2	4	9	0
		15	1018.7	–	5.5	1.1	7.7	84	6.0	0	6	5	3	17	0	0	0	0	0	0	1	13	12	5	0	2	3	15	11	0	3	3	8	3	2	4	7	1
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mid Glamorgan																																										
Cwmbargoed	372	9	–	–	1.7	0.5	6.4	92	6.4	0	3	6	6	14	2	0	0	1	4	5	0	10	2	9	0	1	2	7	14	7	1	2	5	4	1	3	7	1
South Glamorgan																																										
Rhoose	74	3	1019.6	–	3.7	0.7	7.1	88	5.6	3	3	6	9	10	0	0	0	0	0	1	0	9	10	9	2	0	4	8	18	1	1	6	7	1	1	6	8	0
		9	1020.2	+6.2	3.3	0.8	6.9	87	5.9	0	5	6	8	12	0	0	0	0	1	4	0	10	8	7	1	0	2	11	17	1	2	5	6	2	2	5	8	0
		15	1019.1	–	5.0	1.1	7.4	84	5.7	2	3	6	8	12	0	0	0	0	0	3	1	7	14	6	0	1	3	9	17	1	2	6	5	3	1	5	7	1
		21	1019.6	–	3.9	0.8	7.1	87	6.1	2	2	5	7	14	1	0	0	0	2	0	2	7	8	12	0	0	3	9	19	0	3	7	7	1	0	5	8	0
8B ENGLAND SW																																										
Avon																																										
Bristol	40	3	1019.9	–	4.4	1.2	6.9	81	4.8	4	7	3	6	11	0	0	0	0	0	0	0	4	10	7	10	0	0	2	4	18	7	0	5	3	2	2	7	5	0
Weather Centre (X)		9	1020.6	+6.4	4.2	1.1	6.9	82	5.7	0	7	3	10	11	0	0	0	0	0	0	3	0	13	7	6	2	0	0	7	19	5	0	5	3	3	3	8	4	0
		15	1019.6	–	6.0	1.8	6.9	73	5.5	0	7	6	3	15	0	0	0	0	0	1	4	9	12	4	1	0	2	9	19	1	2	3	6	4	2	5	7	1
		21	1020.0	–	4.6	1.3	6.9	80	5.4	3	3	8	6	11	0	0	0	0	0	1	4	12	7	7	0	0	2	3	22	4	1	6	5	1	1	8	5	0

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
8B ENGLAND SW - Continued																																											
Somerset																																											
Tivington	83	3	1019.8	–	3.9	0.8	7.2	87	5.1	2	6	6	6	11	0	0	0	0	0	0	3	13	7	8	0	0	1	8	22	0	0	3	7	6	2	7	5	1
		9	1020.5	–	3.4	0.7	7.0	88	5.9	1	4	4	10	12	0	0	0	0	0	4	1	11	12	3	0	0	0	8	22	1	1	0	11	0	3	6	8	1
		15	1019.3	–	5.4	1.1	7.6	83	6.0	0	5	3	10	13	0	0	0	0	0	2	2	14	9	4	0	0	2	10	19	0	1	0	8	5	0	6	9	2
		21	1019.9	–	3.9	0.8	7.1	87	5.4	0	8	6	3	13	1	0	0	1	1	0	4	7	9	9	0	0	1	7	21	2	0	2	10	2	1	5	8	1
Yeovilton	23	3	1020.0	–	3.2	0.9	6.7	85	4.6	4	9	1	6	11	0	0	0	0	0	2	2	10	7	10	0	0	0	5	25	1	5	2	3	5	2	6	7	0
		9	1020.7	–	3.2	0.9	6.7	86	5.9	0	5	4	9	13	0	0	0	0	0	1	1	7	9	7	6	0	0	0	5	21	5	1	5	5	1	2	7	4	1
		15	1019.7	–	5.7	1.5	7.2	77	5.7	1	5	6	6	13	0	0	0	0	0	1	3	6	9	8	4	0	0	5	5	17	4	2	3	4	2	4	5	6	1
		21	1020.0	–	3.8	1.0	6.9	84	5.4	2	8	2	5	14	0	0	0	0	0	0	3	3	11	4	10	0	0	2	5	22	2	2	4	4	2	4	7	4	2
Dorset																																											
Hurn	11	3	1020.7	–	3.7	0.8	7.2	87	4.8	4	7	4	4	11	1	0	0	0	1	0	2	7	9	11	1	0	1	6	23	1	7	6	0	2	5	8	2	0
		9	1021.2	+6.1	3.9	0.9	7.1	86	6.1	0	6	1	13	11	0	0	0	0	0	0	2	14	5	9	1	0	0	8	23	0	3	7	2	1	6	7	2	3
		15	1020.5	–	6.5	1.6	7.6	77	5.7	0	7	3	10	11	0	0	0	0	0	0	2	8	8	10	3	0	2	10	19	0	5	4	5	1	7	5	2	2
		21	1020.9	–	4.2	0.9	7.2	85	5.6	2	5	4	8	12	0	0	0	0	0	1	0	2	11	5	12	0	0	2	4	25	0	6	6	1	2	5	6	4	1
Portland	54	9	1021.0	–	5.5	1.2	7.6	82	6.1	0	3	6	12	10	0	0	0	0	0	0	1	6	16	8	0	0	6	15	10	0	2	6	4	4	1	2	11	1
Bill C.G.	15	15	1020.2	–	6.6	1.5	7.8	78	5.9	1	4	5	7	14	0	0	0	0	0	0	1	3	6	14	7	0	1	7	12	9	2	3	4	4	2	2	4	9	1
Devon																																											
Exeter	38	3	1020.1	–	4.0	0.9	7.1	86	5.3	3	4	6	6	12	0	0	0	0	0	1	1	1	11	7	9	1	0	1	7	22	1	2	6	5	1	6	5	4	1
		9	1020.8	+6.3	3.6	0.9	6.9	86	5.9	0	4	7	11	9	0	0	0	0	0	0	0	1	11	6	10	3	0	0	5	24	2	4	7	1	2	5	7	1	2
		15	1019.7	–	6.3	1.5	7.5	77	5.8	0	8	2	8	13	0	0	0	0	0	0	1	8	12	8	2	0	2	9	20	0	3	9	1	2	3	8	5	0
		21	1020.3	–	4.4	1.0	7.2	84	5.8	2	5	2	9	13	0	0	0	0	0	0	1	0	9	5	16	0	0	2	5	21	3	2	5	3	1	5	8	3	1
Lundy	43	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mount Batten	28	3	1020.1	–	5.9	1.1	7.9	83	5.5	1	5	6	8	11	0	0	0	0	0	0	1	1	10	9	10	0	0	4	11	15	1	0	3	10	1	1	5	10	0
		9	1020.7	+6.3	5.5	1.1	7.6	83	5.9	0	6	4	11	10	0	0	0	0	0	0	1	1	10	11	7	2	0	3	11	15	2	1	5	7	2	1	5	7	1
		15	1019.6	–	7.1	1.4	8.1	79	5.9	0	4	7	8	12	0	0	0	0	0	0	4	10	8	8	1	0	7	10	14	0	1	3	7	2	3	6	7	2
		21	1020.3	–	5.8	1.1	7.8	83	5.8	2	3	5	10	11	0	0	0	0	0	0	2	11	12	6	0	1	3	8	19	0	1	2	12	1	0	5	9	1
Cornwall																																											
Camborne	88	3	1019.5	–	5.5	1.1	7.6	83	5.6	2	6	2	10	11	0	0	0	0	0	0	0	0	8	9	10	4	1	4	12	14	0	2	2	7	4	4	9	3	0
		9	1020.3	–	5.1	1.1	7.3	82	6.0	0	2	12	6	11	0	0	0	0	0	0	2	5	10	12	2	0	5	11	15	0	3	4	4	5	4	8	1	2
		15	1019.1	–	6.8	1.3	8.1	81	6.0	0	4	5	12	10	0	0	1	0	0	0	0	11	7	8	4	3	3	16	9	0	5	2	3	5	4	7	4	1
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Culdrose	84	3	1019.7	–	6.0	1.1	8.0	84	5.5	1	5	8	5	12	0	0	0	0	0	0	3	11	6	11	0	0	4	13	14	0	0	6	4	5	3	7	6	0
		9	1020.4	–	5.6	1.1	7.6	83	6.0	0	1	11	10	9	0	0	1	0	0	0	1	9	11	9	0	0	2	13	16	0	1	5	5	5	3	3	7	2
		15	1019.4	–	7.2	1.2	8.4	82	6.3	0	2	7	11	11	0	0	0	0	1	1	2	12	6	9	0	1	4	11	15	0	3	2	6	3	3	9	4	1
		21	1020.1	–	5.9	1.0	8.0	85	4.9	1	7	9	4	10	0	0	0	0	0	0	2	10	9	10	0	1	3	8	19	0	2	5	5	2	3	9	5	0
Gwennap Head	70	3	1019.3	–	6.6	1.3	8.0	80	5.5	3	5	4	4	15	0	0	0	0	0	0	1	1	7	18	4	2	9	12	8	0	2	7	1	5	4	10	2	0
		9	1020.1	–	6.3	1.4	7.7	80	6.3	0	2	9	7	13	0	0	0	0	0	0	0	7	11	11	2	1	11	14	5	0	3	4	4	4	3	9	2	2
		15	1019.0	–	7.3	1.3	8.4	81	6.0	0	2	10	7	11	1	0	0	0	1	0	0	8	8	12	2	4	5	16	6	0	2	1	7	2	3	13	0	3
		21	1019.8	–	6.4	1.1	8.1	83	5.5	1	5	7	4	14	0	0	0	0	0	0	0	6	5	16	4	1	3	20	7	0	6	4	2	3	5	9	1	1
St Mawgan	107	3	1019.5	–	5.0	0.9	7.5	85	6.2	1	4	2	11	13	0	0	0	0	0	0	0	8	11	11	1	0	4	9	18	0	0	3	9	3	4	7	5	0
		9	1020.3	+6.2	4.6	1.0	7.2	84	5.9	0	4	6	12	9	0	0	0	0	1	1	0	7	11	9	2	0	3	12	16	0	3	2	8	3	3	6	4	2
		15	1019.0	–	6.7	1.4	7.9	79	5.6	0	8	3	8	12	0	0	0	0	1	1	0	11	5	9	4	0	7	11	13	0	3	2	7	3	2	7	6	1
		21	1019.9	–	5.0	1.0	7.5	84	5.5	1	4	8	10	8	0	0	0	0	1	0	0	9	6	14	1	1	3	8	19	0	3	2	6	5	5	5	5	0
CHANNEL ISLANDS																																											
Channel Islands																																										
Guernsey Airport	107	3	1021.1	–	5.6	1.2	7.6	81	5.7	1	4	5	11	10	0	0	0	0	0	0	0	1	7	6	9	8	0	4	15	12	0	2	3	7	3	1	9	5	1
		9	1021.6	–	5.7	1.2	7.7	81	6.4	0	3	3	18	7	0	0	0	0	0	0	0	0	9	5	14	3	0	3	18	10	0	0	4	8	2	3	7	5	2
		15	1020.8	–	6.6	1.4	7.9	79	6.2	0	3	4	15	9	0	0	0	0	0	0	2	7	6	12	4	0	6	11	14	0	2	3	6	1	7	7	5	0
		21	1021.2	–	5.7	1.1	7.7	82	5.6	0	5	9	4	13	0	0	0	0	0	0	0	10	6	13	2	0	3	16	12	0	3	1	7	4	2	8	6	0
Jersey Airport	94	3	1021.7	–	5.1	0.9	7.8	86	5.5	2	5	5	7	12	0	0	0	0	0	2	1	6	7	9	6	0	2	15	12	2	1	3	6	4	3	8	3	1
		9	1022.2	+6.7	5.2	1.0	7.7	85	6.4	0	4	3	14	10	0	0	0	0	0	1	0	8	7	12	3	0	4	14	12	1	0	2	7	3	5	8	3	2
		15	1021.4	–	6.3	1.2	8.1	82	6.3	0	4	4	11	12	0	0	0	0	0	1	0	9	3	15	3	0	3	14	14	0	2	2	8	3	6	5	4	1
		21	1021.8	–	5.2	0.8	8.0	87	5.8	1	5	3	8	14	0	0	1	0	0	0	2	11	7	7	3	0	3	14	14	0	2	2	9	2	5	6	5	0
NORTHERN IRELAND																																											
Antrim																																											
Aldergrove	73	3	1014.1	–	2.5	0.7	6.6	88	4.9	2	8	4	8	9	0	0	0	2	0	2	1	7	6	9	4	0	2	9	17	3	0	0	2	8	13	1	4	0
		9	1014.3	+3.6	2.9	0.7	6.7	88	5.8	0	6	3	10	12	0	0	0	1	1	2	4	3	8	11	1	0	2	9	20	0	0	0	4	6	13	6	1	1
		15	1013.5	–	4.7	1.0	7.2	83	6.4	0	2	4	16	9	0	0	0	0	1	1	2	5	8	12	2	0	3	8	19	1	1	1	1	6	13	7	0	1
		21	1014.6	–	3.0	0.7	6.8	88	5.1	1	9	3	9	9	0	0	0	0	1	2	0	7	10	7	4	0	1	8	21	1	0	0	1	9	9	6	4	1
Londonderry																																											
Carmoney	73	9	–	–	3.6	0.8	6.9	87	5.5	1	5	6	7	12	0	0	0	0	1	1	0	1	0	0	28	0	0	3	13	8	7	1	0	0	1	11	9	1	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Down																																											
Long Kesh	39	3	1014.4	–	2.6	0.7	6.5	87	4.9	5	5	4	8	8	1	0	0	3	0	0	2	5	7	14	0	0	2	4	20	5	0	0	2	5	5	7	7	0
		9	1014.7	–	3.0	0.9	6.6	85	5.8	0	4	6	9	10	2	1	1	0	1	1	2	7	7	9	2	0	0	9	17	5	0	0	2	4	4	9	7	0
		15	1013.7	–	5.2	1.3	7.1	79	5.7	0	5	7	8	10	1	0	0	0	1	1	1	6	10	7	5	0	1	8	21	1	2	1	1	5	6	7	7	1
		21	1014.9	–	3.4	0.8	6.9	87	5.1	2	7	4	8	10	0	0	0	0	0	1	3	6	10	11	0	0	0	7	20	4	0	2	1	5	3	6	8	2
Tyrone																																											
Carrigans	113	9	1013.5	–	2.4	0.5	6.7	90	5.9	1	1	10	6	13	0	0	0	2	1	4	2	5	11	6	0	0	2	8	17	4	1	1	1	14	4	4	1	1
		21	1014.0	–	2.9	0.5	7.0	91	5.5	1	2	12	8	8	0	0	0	2	0	1	4	6	18	0	0	0	0	10	14	7	0	0	1	11	7	3	1	1
Fermanagh																																											
Corgary	144	9	1013.0	–	3.4	0.9	6.7	84	6.2	0	1	5	17	8	0	0	0	0	0	0	0	13	11	2	5	0	3	16	6	6	0	0	0	13	4	4	3	1

Table 5 Number of days with max. and min. temperatures between given limits — January 1991

Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	10	21	0	0	0	0	0	0	0	0	3	27	1	0	0
Kirkwall	0	13	18	0	0	0	0	0	0	0	0	5	23	3	0	0
Stornoway	0	6	25	0	0	0	0	0	0	0	0	8	17	6	0	0
Braemar	2	21	8	0	0	0	0	0	0	0	4	21	6	0	0	0
Craibstone	0	17	13	1	0	0	0	0	0	0	0	18	13	0	0	0
Dunstaffnage	0	11	18	2	0	0	0	0	0	0	0	7	22	2	0	0
Abbotsinch	0	13	16	2	0	0	0	0	0	0	3	9	18	1	0	0
Rothesay	0	11	18	2	0	0	0	0	0	0	0	6	23	2	0	0
Eskdalemuir	1	24	6	0	0	0	0	0	0	0	4	14	12	1	0	0
Boulmer	0	13	17	1	0	0	0	0	0	0	0	14	15	2	0	0
Leeming	0	15	15	1	0	0	0	0	0	0	3	10	16	2	0	0
Hull	0	8	21	2	0	0	0	0	0	0	0	12	19	0	0	0
Cranwell	1	13	14	3	0	0	0	0	0	0	1	19	11	0	0	0
Cambridge N I A B	0	12	15	4	0	0	0	0	0	0	0	8	21	2	0	0
Lowestoft	0	9	20	2	0	0	0	0	0	0	0	1	29	1	0	0
Shawbury	1	13	15	2	0	0	0	0	0	0	2	13	14	2	0	0
Elmdon	0	15	13	3	0	0	0	0	0	0	3	9	18	1	0	0
Heathrow	0	8	20	3	0	0	0	0	0	0	0	4	23	4	0	0
Southampton	0	8	17	6	0	0	0	0	0	0	0	3	22	6	0	0
Hastings	0	9	19	3	0	0	0	0	0	0	0	2	20	9	0	0
Douglas	0	13	17	1	0	0	0	0	0	0	0	1	29	1	0	0
Ringway	0	12	19	0	0	0	0	0	0	0	1	14	14	2	0	0
Valley	0	7	23	1	0	0	0	0	0	0	0	6	21	4	0	0
Aberporth	1	12	15	3	0	0	0	0	0	0	0	8	20	3	0	0
Rhoose	0	12	14	5	0	0	0	0	0	0	0	9	17	5	0	0
Falmouth	0	3	22	6	0	0	0	0	0	0	0	0	23	7	1	0
Aldergrove	0	13	17	1	0	0	0	0	0	0	1	11	18	1	0	0
Armagh	0	8	21	2	0	0	0	0	0	0	1	13	16	1	0	0

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day	Hour beginning	Veer from N	Speed-kn	Day Time
O SCOTLAND N																				
Shetland	Fair Isle	71	10	10	1-3 15 16 18 19	33	14	179	328	181	23	0	16.5	150	39	1	20	160	62	18 1854
	Lerwick	93	10	10	3 18-20	16	15	181	268	217	62	0	15.0	170	37	18	19	160	54	18 1912
	Sella Ness	16	10		2	1	13	121	309	246	67	0	13.2	230	34	2	22	160	55	18 1900
	Sumburgh	35	10	10	1 18	14	17	182	330	190	28	0	16.0	150	41	1	18	260	61	2 2200
Orkney	Kirkwall Airport	41	15	10	1 2 4 18	6	12	140	305	278	15	0	14.2	250	35	4	18	150	55	18 1324
Western Isles	Benbecula	16	10	10	18	7	18	208	262	220	47	0	15.4	170	42	18	13	150	72	18 1318
	Butt Of Lewis	43	10	10	1-3 14 16-19	52	21	198	400	91	3	0	19.0	230	42	2	20	240	71	2 2030
	Stornoway	12	10	10	18 19	5	17	132	327	225	55	0	14.2	170	37	18	16	170	56	18 1636
Highland	Aviemore	250	10	10		0	8	31	308	228	177	0	9.8	190	31	18	13	190	51	18 1354
	Dalcross	20	10	10	18	2	7	28	246	369	99	0	9.5	160	35	18	17	150	56	18 1818
	Duirinish	38	20	17	1 3 19	8	11	106	308	224	98	0	12.5	190	36	19	17	230	70	3 1012
	Invergordon Harbour	19	16	06		0	5	14	168	344	212	6	7.3	180	28	15	10	250	49	2 0836
	Shin	24	10	10		0	2	2	80	233	429	0	4.7	140	23	1	11	270	44	20 1442
	Wick	45	10	10		0	11	63	275	297	108	1	10.9	140	33	18	14	140	55	18 1454
1 SCOTLAND E																				
Grampian	Aberdeen, Dyce Airport	68	10	10		0	5	27	236	270	211	0	8.8	160	31	1	15	150	50	18 1312
	Cairngorm	1075	10	10	1-5 8 10 13-20	192	22	200	153	144	31	24	23.4	260	60	20	04	250	96	4 1118
	Kinloss	18	13	13		0	4	13	194	364	173	0	8.1	230	26	20	00	150	44	18 1100
	Lossiemouth	17	10	10		0	4	5	203	303	233	0	7.6	150	25	18	11	150	42	18 1124
	Peterhead Harbour	34	30	15	Defective record															
Tayside	Mylnefield	40	10	10		0	2	6	156	233	349	0	5.9	200	30	5	15	200	49	5 1536
	Tummel Bridge	161	16	16		0	0	0	65	287	383	9	4.7	240	17	3	10	240	37	3 0954
	Perth Aerodrome	118	10	10		0	2	2	169	292	281	0	6.6	170	22	1	16	210	43	5 1224
	Rannoch	307	17	17	Defective record															
Fife	Leuchars	25	13	13		0	7	48	207	276	213	0	9.3	200	30	5	13	200	55	1 2306
Lothian	Edinburgh Turnhouse Airport	43	13	10		0	6	24	204	247	269	0	8.0	240	31	5	21	240	54	5 2100
	Royal Observatory, Blackford Hill	159	10	10	1 4 5 10 20	19	16	181	189	245	109	1	14.0	190	43	5	14		66	10 0848
	Forth Road Bridge	72		72	2 4 5 10 20	21	13	153	191	202	176	1	12.7	240	48	5	21	230	71	5 2048
	Leith	15	09		Defective record															
Borders	Charter Hall	112		10	5	2	10	46	196	352	148	0	9.3	220	36	5	15	260	56	5 2336
6 SCOTLAND W																				
Strathclyde	Abbotsinch Airport	16	10	10		0	8	62	170	262	249	1	8.7	200	33	5	13	250	55	5 2024
	Blairlinnans	145	13	12		0	7	35	176	309	196	28	8.5	200	26	5	13	200	50	5 1336
	Dunstaffnage	13	10	10		0	7	28	262	287	167	0	9.4	240	28	3	00	250	50	3 0106
	Greenock Port	51	49		1 3 5	17	11	129	225	243	105	25	13.3	180	43	1	16	180	78	5 0500
	Inchterf	55	15	12		0	6	24	155	240	325	0	7.0	230	29	5	20	230	55	5 2048
	Lowther Hill	754	27																	
	Machrihanish	10	10	10	2 4-6 18	13	16	159	312	219	41	0	15.1	210	38	5	14	210	65	5 1418
	Prestwick Airport	21	10	10		0	9	62	209	301	172	0	9.6	290	28	6	02	210	52	5 1706
	Salsburgh	275	15	11	2 4 5	14	12	166	282	262	20	0	14.9	200	38	5	13	200	63	5 1306
	Tiree	21	11	10	1-3 5 18	22	20	276	290	126	30	0	18.5	150	42	18	11	270	64	2 2218
Dumfries & Galloway	Chapelcross	64	15	15	5	1	7	51	194	244	247	7	8.7	250	35	5	17	250	66	5 1718
	Dumfries, Drungans	28	13	10		0	1	11	196	178	354	5	6.6	220	30	5	17	200	61	5 1524
	Eskdalemuir	259	10	10		0	2	12	193	213	326	0	6.9	180	27	1	16	210	58	5 1754
	West Freugh	24	10	10	5 6	11	11	108	265	194	163	3	12.4	210	42	5	15	210	59	5 1530
	Whithorn	40	15		1 4-7 10	34	16	154	302	214	40	0	15.9	210	55	5	16	210	75	5 1654

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values					
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust		
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time
	Blyth	19	10	10	Defective record														
	Boulmer	33	10	10	5	2	10	71	251	327	93	0	10.9	230	35	5 21	230	57	5 2136
Tyne & Wear	South Shields	22	17	13	Defective record														
Durham	Burnhope	244	10	10		0	11	58	231	303	137	15	10.1	290	33	6 05	240	56	5 1618
Cleveland	Hartlepool	15	10	10	5	2	10	52	206	410	46	28	10.5	190	39	5 18	200	60	5 1830
North Yorkshire	Church Fenton	18	10	10	6 8	2	6	34	171	256	281	0	7.8	270	40	8 22	260	63	8 2230
	Fylingdales	242	10	10	1 5 6 9	12	14	95	264	267	80	26	12.6	290	43	9 00	230	62	5 1900
	Leeming	42	10	10	5 6	5	10	60	204	288	187	0	9.5	210	37	5 20	250	65	6 0454
	Linton-on-Ouse	24	10	10	5	1	6	31	203	281	228	0	8.2	240	34	5 20	240	58	5 2048
Humberside	Bridlington MRSC	31	16	18															
	Spurn Point	17	10	10	1 5 6 8 9	21	13	92	333	164	101	33	13.3	230	48	8 22	230	69	8 2218
Lincolnshire	Coningsby	16	10	10	8	2	7	45	159	367	171	0	8.7	210	37	8 20	240	60	8 2218
	Cranwell	68	13	13	5 6 8	13	10	61	240	260	170	0	10.5	240	42	6 03	230	61	8 2212
	Scampton	68	10	10	5 8	4	7	49	233	319	139	0	9.8	230	39	8 21	240	61	8 2154
	Waddington	80	10	10	5 6 8	9	8	49	240	285	161	0	9.8	230	40	8 21	250	67	8 2148
3 EAST ANGLIA																			
Norfolk	Coltishall	27	10	10	6 8	4	8	62	214	306	158	0	9.6	240	35	8 22	230	66	8 2148
	Gorleston	16	13	13	Defective record														
	Hemsby	26	13	13		0	7	59	290	304	91	0	11.0	250	33	6 05	240	61	6 0330
	Marham	29	10	10	6 8	2	8	62	212	329	139	0	9.6	230	36	8 21	210	60	8 2112
Cambridgeshire	Wittering	87	10	10	6 8	6	8	52	200	317	163	6	9.4	230	35	8 20	230	56	5 1154
	Wyton	45	10	10		0	6	39	206	351	148	0	9.0	220	30	8 20	210	52	8 2106
Suffolk	Honington	60	13	13		0	7	48	194	362	140	0	9.1	220	30	6 00	230	52	6 0100
	Wattisham	105	16	10		0	7	53	215	348	128	0	9.6	240	32	6 04	180	50	8 2006
Bedfordshire	Bedford	93	12	10		0	8	63	221	349	111	0	9.9	230	33	8 20	240	57	5 1448
Essex	Shoeburyness	12	10	10		0	7	39	239	379	87	0	10.0	200	30	9 19	200	51	8 1900
	Stansted	108	10	10		0	8	57	216	369	102	0	10.0	190	32	8 19	220	51	5 1354
	Walton On Naze	10	10	10	8	2	10	64	311	319	48	0	11.7	190	36	8 17	270	48	5 1448
4 MIDLAND COUNTIES																			
West Yorkshire	Leeds Weather Centre	43	10	10	6 8	10	7	30	155	306	243	0	8.0	270	42	8 22	270	72	8 2230
	Wilsden	272	10	10	8	2	7	44	255	248	191	4	9.5	230	38	8 21	240	67	8 2148
South Yorkshire	Finningley	19	10	10	6 8	3	7	32	178	275	256	0	7.9	230	38	8 21	230	63	8 2124
	High Bradfield	405	10	10	1 2 4-6 8-10	53	16	141	179	239	105	27	14.5	270	58	8 21	250	81	8 2100
	Sheffield University	146	29	15		0	4	26	174	290	254	0	7.4	270	31	6 07	270	68	8 2130
Nottinghamshire	Nottingham Weather Centre	133	16	10		0	4	24	183	363	174	0	8.0	230	29	8 20	240	55	6 0048
Staffordshire	Cellarhead	241	13	8		0	3	13	181	338	205	7	7.7	240	31	5 21	270	59	8 2042
	Keele	162	10	10	8	1	6	29	233	317	164	0	9.2	250	36	8 19	250	50	8 1754
Shropshire	Shawbury	84	12	10	5	4	7	31	158	301	250	0	7.8	240	36	5 22	240	57	5 1842
West Midlands	Birmingham Elmdon Airport	108	10	10		0	5	30	179	401	134	0	8.1	240	29	5 22	220	53	8 1918
Hereford & Worcs	Preston Wynne	97	13	13	Defective record														
Oxfordshire	Benson	67	10	10		0	5	19	163	349	213	0	7.6	200	26	9 17	270	45	6 0142
	Brize Norton	91	13	10		0	4	8	172	444	120	0	8.0	230	24	8 19	220	45	5 0736
	Oxford	113	50	22	6	2	8	57	253	359	73	0	10.6	260	34	6 01	260	56	5 1254
5 ENGLAND S E & CENTRAL																			
Greater London	Heathrow Airport	34	10	10		0	3	6	145	393	200	0	7.1	210	25	8 18	250	47	5 1636
	London Weather Centre	93	70	38		0	6	40	272	402	30	0	10.5	210	30	9 19	210	60	9 1906
	Northolt	49	15	12		0	5	17	146	375	206	0	7.3	260	25	6 04	280	53	5 1342
Wiltshire	Boscombe Down	130	17	17		0	6	39	215	420	70	0	9.8	210	33	8 16	230	62	5 1500
	Larkhill	155	10	10		0	7	29	158	389	168	0	7.9	200	26	9 17	230	56	5 1500
	Lyneham	156	10	10		0	7	46	185	434	79	0	9.4	270	32	6 01	240	50	5 1242
Kent	East Malling	33	12	10		0	1	1	98	239	406	0	4.5	200	23	8 18	200	53	8 1836
	Gravesend	25	20			0	1	4	154	428	145	13	7.3	080	24	14 22	210	52	8 1954
	Langdon Bay	117	12	12	1 2 5 6 8-10	46	16	122	351	197	23	5	16.1	180	47	8 16	210	71	8 2054
	Lydd Ranges	1	10	10	Defective record														
	Manston	62	10	10	8	2	7	41	226	358	117	0	9.8	190	35	8 19	180	61	8 1936
	Sheerness	50	44	10	1 2 5 6 8-10	37	15	124	345	202	36	0	15.4	210	44	1 22	210	66	8 1842
Hampshire	Farnborough	75	10	10		0	3	17	139	399	189	0	7.3	210	29	8 18	210	56	8 1754
	Middle Wallop	94	10	10	Defective record														
West Sussex	Gatwick Airport	69	13	13		0	4	11	154	416	163	0	7.5	210	24	1 22	210	52	1 2236
	Shoreham-by-Sea	21	11	15	1 2 5-10	48	14	111	256	287	42	0	14.7	190	47	5 08	190	67	8 1606
East Sussex	Herstmonceux	27	10	10	1 5 8	9	9	84	172	335	144	0	10.3	210	37	8 19	210	57	8 2012
7A ENGLAND N W & I O M																			
Cumbria	Carlisle	41	15	9	5	6	7	53	194	230	261	0	8.7	230	38	5 18	230	61	5 1848
	Eskmeals	24	16	10	5 6	9	11	57	263	233	182	0	10.4	220	42	5 17	210	65	5 1648
	Great Dun Fell	857	10	10	Defective record														
	Sellafield	22	10	10	5 6	12	12	73	218	335	105	1	11.1	230	41	5 17	230	63	5 1736
Lancashire	Aughton	68	14	10	5 6	4	6	28	173	363	176	0	8.2	230	36	5 19	280	62	8 2042
	Fleetwood	34	15	9	Defective record														
	Squires Gate Airport	22	12	11	5 6 8	21	13	97	219	287	120	0	12.0	240	47	5 19	240	72	5 1930
Merseyside	Aigburth	38	23	11		0	3	25	163	388	134	34	7.9	270	33	8 20	270	52	8 2036
Greater Manchester	Manchester Ringway Airport	80	10	10		0	5	29	169	302	244	0	7.7	250	31	8 20	240	59	8 2036
Isle Of Man	Point-of-Ayre	20	10	10	5 6	17	17	161	306	207	51	2	14.8	230	44	5 16	230	70	5 1636
	Ronaldsway	25	10	10	1 2 5 6	28	15	160	311	192	53	0	15.5	220	46	5 16	240	68	5 1806

Table 6 Summary of autographic records of wind

January 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust		
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed kn	Day Hour beginning	Veer from N	Speed kn	Day Time
	Trawsfynydd	192	10	10	Defective record														
	Valley	26	16	12	1 5 6	25	11	108	234	197	180	0	12 2	240	43	5 19	240	73	5 1912
8A WALES SOUTH																			
Dyfed	Aberporth	144	10	10	1 5 6 8-10 18	44	14	82	341	234	43	0	14 6	260	45	5 23	260	72	5 2336
	Brawdy	121	10	10	1 5 6 8	26	13	103	324	255	36	0	14 0	270	39	5 22	260	66	5 1124
	Milford Haven	50	13	10	1 5 8-10	27	12	109	296	246	66	0	13 7	270	41	5 13	270	69	5 0918
Mid Glamorgan	Cilfynydd	210	16	16		0	8	47	168	256	273	0	8 0	270	30	8 18	270	61	5 1200
South Glamorgan	Rhoose Airport	74	10	10	5 6 8	12	8	60	248	292	132	0	10 6	260	37	5 23	260	60	8 1824
8B ENGLAND S W																			
Avon	Avonmouth	28	19	10	5 6 8	15	11	84	235	332	78	0	11 6	250	40	5 21	240	57	5 2054
	Bristol Weather Centre	55	44	13		0	5	23	146	381	194	0	7 4	250	28	5 23	250	61	5 1424
	Oldbury-on-Severn	19	9																
Somerset	Hinkley Point	30	10	10	1	1	10	56	178	335	174	0	9 0	210	35	1 18	270	60	5 1536
	Yeovilton	34	12	10		0	5	26	138	319	261	0	7 3	210	30	9 17	270	50	5 1512
Dorset	Hurn Airport	23	13	11	1	1	6	42	169	413	119	0	8 6	190	37	1 18	270	51	5 1654
	Portland Bill C G	60	13	13	1 5 6 8	14	14	143	344	211	31	1	14 8	280	40	5 23	230	59	8 1654
Devon	Burrington	211	10	10	1 5 8-10	16	12	80	287	271	90	0	12 4	240	37	8 17	230	64	5 0548
	Chivenor	16	10	10	5	6	9	69	218	336	115	0	10 7	260	35	5 18	250	63	5 1454
	Exeter	35	10	10		0	6	30	160	393	161	0	8 3	210	30	8 14	270	61	5 1936
Cornwall	Camborne	98	10	10	1 5 8 9	27	13	102	318	265	32	0	13 9	210	39	1 17	260	73	5 1824
	Culdrose	104	23	20	1 2 5-10 18	55	16	133	369	185	2	0	16 6	210	45	1 18	200	72	5 0330
	Gwennap Head	76	10		1 5-9 18	48	18	181	368	143	4	0	18 0	210	52	8 11	210	77	5 0448
	St Mawgan	120	13	13	5 8	4	12	113	202	381	44	0	12 4	260	35	5 20	250	61	5 2348
CHANNEL ISLANDS																			
	Guernsey Airport	116	12	12	5	1	11	111	324	270	38	0	13 3	270	34	5 21	270	64	5 1630
	Jersey Airport	94	12	10		0	10	67	334	285	58	0	11 7	280	31	5 22	270	59	5 2206
NORTHERN IRELAND																			
Londonderry	Ballykelly	12		10															
	Coleraine University	30	10	10		0	7	27	256	344	117	0	9 5	220	30	5 12	220	52	5 1218
Antrim	Aldergrove	80	10	10	5	1	7	46	224	363	110	0	9 5	200	36	5 12	200	53	5 1154
	Ballypatrick Forest	165	13	13		0	8	56	347	247	83	11	11 6	220	31	5 11	210	59	5 1024
	Belfast Harbour	21	18	18															
Down	Kilkeel	36	19	14	Defective record														
	Killough	31	15	15	1 2 4-7 10 18	39	19	205	321	154	25	0	17 4	260	47	5 15	260	72	5 1524
	Long Kesh	47	10	10		0	3	14	176	326	228	0	7 5	280	29	6 01	230	53	5 1324
	Orlock Head	51	16	12	1 2 5 6	12	12	102	372	245	13	0	14 3	200	40	5 14	200	66	5 1418
Tyrone	Carrigans	129	10	10		0	6	37	262	271	172	2	9 4	190	30	5 11	260	58	5 2324
Fermanagh	Castle Archdale Forest	79	13	13		0	4	25	176	300	185	58	7 8	210	28	5 09	240	55	5 1524

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)									Bright sunshine		
	Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation											
	Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
1990 Jun Scalpay																	0											
Knockanrock													39	3	21	20												
March	19.2																											
Benson	18.3		14.3																									
Moel-y-Crio																	0		0	1	1	1			1	3.91		
Presteigne																												S
Ilfracombe											82	122																
Castledawson Hillhead															16													
Lowtown	15.2																											
Belfast																												
Ravenhill Road		10.0																										
1990 Oct Kinross																										2.34		
Glasgow																												
Springburn Park	12.0	7.3	9.7	+0.4	16.5	13	1.8	30															0					
Batchley Farm	13.4	7.9	10.7		20.1	12	2.7	29	11.8		78		17	25	17	15	0	0	0	0	0	0	0	2	0			

Correction to Preliminary Pages - 1990 - Station List

Page (xiv)
The Authority for Baron's Court (Co. Tyrone) should read Mr R. Crofts.

Page (xvii)
Insert after Edinburgh, Turnhouse Airport
Efford (Hampshire) R 1989 5044N 0134W SZ-303936 Horticulture Research International.

The Grid Reference for Fivemiletown (Co. Tyrone) should read IH-443478.

Page (xix)
Insert after Inverailort
Invergordon Harbour (Highland) X 1990 5741N 0410W NH-709684 Port Manager.

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DUPLICATE ALSO

THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 1000 U.D.C. 551 506 1 (41-4)

FEBRUARY 1991

VOLUME 108 NUMBER 2

Unsettled; very cold during the first half; wet and windy later

The month began with low pressure to the west of the United Kingdom and high pressure to the east, and a shallow depression over north-west England. A cold front to the west of the British Isles gradually divided and dissipated on the 5th as the Scandinavian anticyclone intensified. An occluded front moved over East Anglia and south-east England on the 7th. During the two days following the 8th low pressure over France spread northwards to include all areas, although a ridge of high pressure edged into western areas later on the 10th. While pressure declined to the east, a shallow depression moved southwards across all areas on the 12th, continuing over France. A ridge of high pressure then extended northwards from an anticyclone centred to the west of Finisterre, and still covered most of the United Kingdom early on the 14th, although fronts were encroaching on westernmost areas. These fronts moved south-westwards across all areas during the next day or two, clearing Cornwall later on the 16th as pressure rose again. During the 17th, a shallow depression edged into western areas, but decayed early on the 18th. High pressure once more became dominant over most parts. On the 19th and 20th a trailing, south-eastward moving front became slow moving over northern England and western Wales. Over the next day or so a series of fronts slowly crossed all areas. A new centre formed on the fronts over Wales on the 21st and moved north-eastwards over the North Sea by early on the 22nd, while the fronts moved away eastwards and pressure rose temporarily behind them. Later in the day further fronts crossed western areas. On the 24th a front still lay across southern England, while elsewhere pressure rose once more, temporarily blocking the advance of Atlantic fronts. However, on the 26th pressure began to fall and during the rest of the day fronts crossed all parts, clearing the south-east early on the 27th; a further trailing front crossed most of England and Wales during the night of the 27th/28th.

Weather

February was unsettled throughout, with cold weather and frequent falls of snow during the first half. Between the 6th and 14th snowfall was heavy in many places and it became very cold for a few days. After mid month it became somewhat milder, although remaining generally wet and at times windy. On the 8th there was some thundery activity over eastern parts of England. A thunderstorm was reported to the west of London during the 27th.

Wind

February was a generally quiet month. Winds reached gale force over Shetland on the 3rd and 26th, and over exposed places in western areas of Great Britain on the 21st and 22nd. The highest mean wind at a low-level station was 41 kn at Gwennap Head, Cornwall on the 22nd. Gusts reached 57 kn at Gwennap Head on the 21st and Aberporth, Dyfed on the 23rd. Wind directions were mainly easterly or variable during the first nine days, then northerly, before becoming mainly southerly by the 19th.

Temperature

Mean monthly temperatures were below normal nearly everywhere and ranged from 0.1 °C above normal at Lerwick, Shetland to 3.1 °C below normal at Greenwich, Greater London. Temperatures over a wide area did not rise above freezing between the 5th and 10th. In Scotland the temperature fell to −12 °C at Lairg, Highland Region and Glasgow on the 10th and 11th respectively, to −15 °C at Carnwath, Strathclyde Region on the 13th and −14 °C at Braemar, Grampian Region on the 14th; however, the lowest temperature reached during the month was −16.0 °C at Cawood, North Yorkshire on the 14th. The highest temperature was 14.8 °C at Sutton Bonington, Nottinghamshire and Rodney Stoke, Somerset on the 23rd and Halstead, Essex on the 24th.

Rainfall

Monthly rainfall totals were above normal in most parts of eastern Scotland and eastern England and generally below normal elsewhere, ranging from 187% at Durham to as little as 36% at Fort William, Highland Region.

During the first five days between 5 mm and 15 mm of rain was measured in many places, especially in northern England, but some places in south-west England had little or none. Rain fell on the 12th, giving between 5 mm and 10 mm in many places, except for the most eastern counties. On the 22nd some places in the west and south, especially the Welsh hills, had considerable amounts of rain. Many parts of England and Wales had rain during the night of the 27th/28th, heavy in the north and turning to snow or sleet in places in north-east England and eastern Scotland. Among heavy falls were: 133 mm at Llanymawddwy, Gwynedd, 125 mm at Moel Cynnedd and 101 mm at Lake Vyrnwy, both Powys, all on the 22nd.

Snow

Some sleet or snow showers fell during the first five days of the month. On the 6th many parts had snow showers during the day, especially in the east: Anvil Green, Kent reported 6 cm of snow lying. Snow showers over the North Downs overnight gave a cover in most areas by the morning of the 7th; later that day up to 14 cm of level snow lay in some places. During the following night falls of snow over England and Wales, heavy at times, gave up to 20 cm in places as far apart as Essex, mid Wales and Yorkshire. Depths were very variable, however, with 47 cm at Wilsden, West Yorkshire, 35 cm at Pencelli, Powys and 20 cm at St. James's Park, central London, probably the greatest depth in London since the end of December 1962. On the 9th some areas had heavy snowfall; some notable depths included 51 cm at Wilsden, 35 cm at Pencelli and 30 cm at Honington, Suffolk; over the next few days snow depths included 45 cm at Fylingdales, North Yorkshire on the 12th, 46 cm at Long Framlington, Northumberland on the 13th, and 15 cm at East Hoathly, East Sussex on the 14th.

Sunshine

Monthly sunshine amounts were generally above average in western areas and below average on eastern coasts, ranging from 142% at Tiree, Strathclyde to 62% at Boulmer, Northumberland.

Most sunshine in a day was 9.4 hours at Brawdy, Dyfed on the 17th, and the most sunshine during the month was 117 hours at Bude, Cornwall.

Fog

Some overnight fog formed on the 1st over southern England. On the 2nd it remained foggy for much of the day over north-east England and fog formed over other parts of England and Wales during the evening. On the 3rd England and Wales had fog patches, some dense and freezing. Overnight fog formed early on the 18th, clearing around midday in most places, to give a sunny afternoon generally, although persisting in some places until mid afternoon. On the 19th and 20th the south and east remained foggy. Early on the 25th there was widespread fog in central and southern areas.

Miscellaneous Phenomena

None reported.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp °C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max.	Min.	Mean				
			Difference from average					% of average	
0 Scotland N	11.4	−12.1	−0.5	−0.5	−0.5	−0.9	−1	62	89
1 Scotland E	12.6	−13.8	−0.9	−0.3	−0.6	−0.3	0	126	85
2 England E & NE	14.5	−10.6	−1.3	−0.9	−1.1	−0.4	+1	154	77
3 East Anglia	14.7	−12.6	−2.1	−2.5	−2.2	−0.8	−1	94	73
4 Midland Counties	14.8	−11.7	−1.4	−2.3	−1.9	−0.8	−1	79	97
5 England SE & Central S	13.5	−10.3	−2.1	−2.6	−2.4	−1.2	−1	72	91
6 Scotland W	12.5	−14.8	−0.8	−1.5	−1.1	−0.7	−2	89	107
7 England NW & Wales N	14.2	−7.5	−1.1	−1.8	−1.5	−1.0	−1	110	103
8 England SW & Wales S	13.6	−13.5	−1.5	−2.3	−2.1	−1.7	−2	86	121
N Ireland	14.1	−7.0	−0.8	−1.3	−1.0	−1.0	−1	73	85
Scotland	12.6	−14.8	−0.7	−0.8	−0.7	−0.6	−1	86	94
England & Wales	14.8	−13.5	−1.6	−2.1	−1.9	−1.0	−1	98	94

* Highest maximum and lowest minimum of District Value Stations

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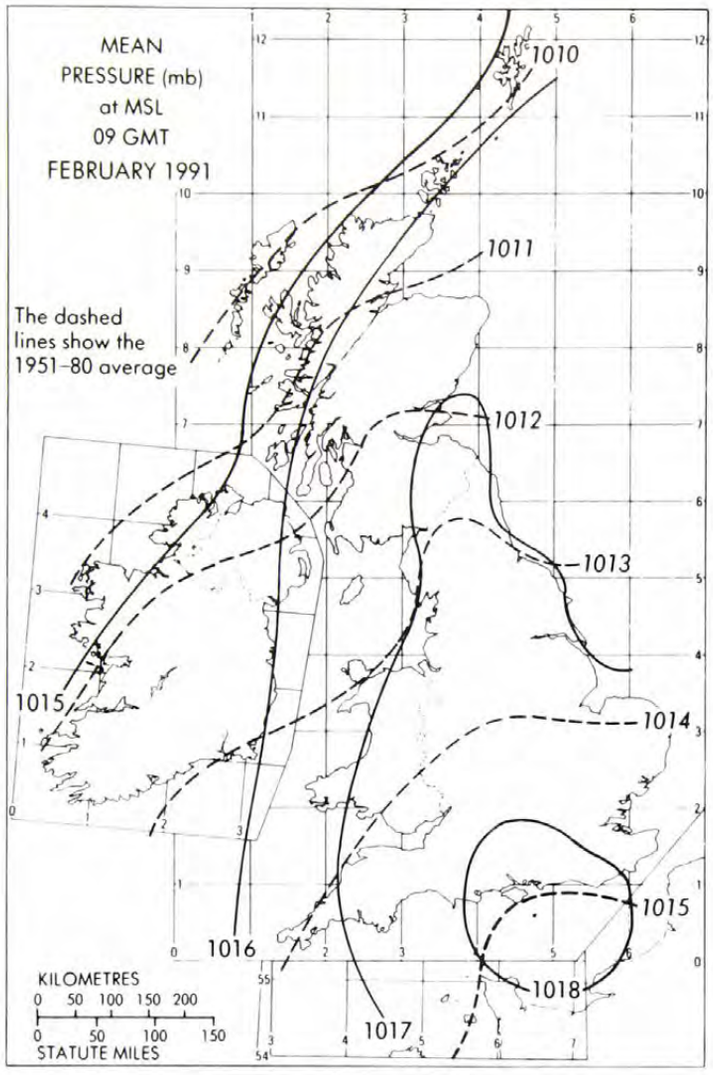
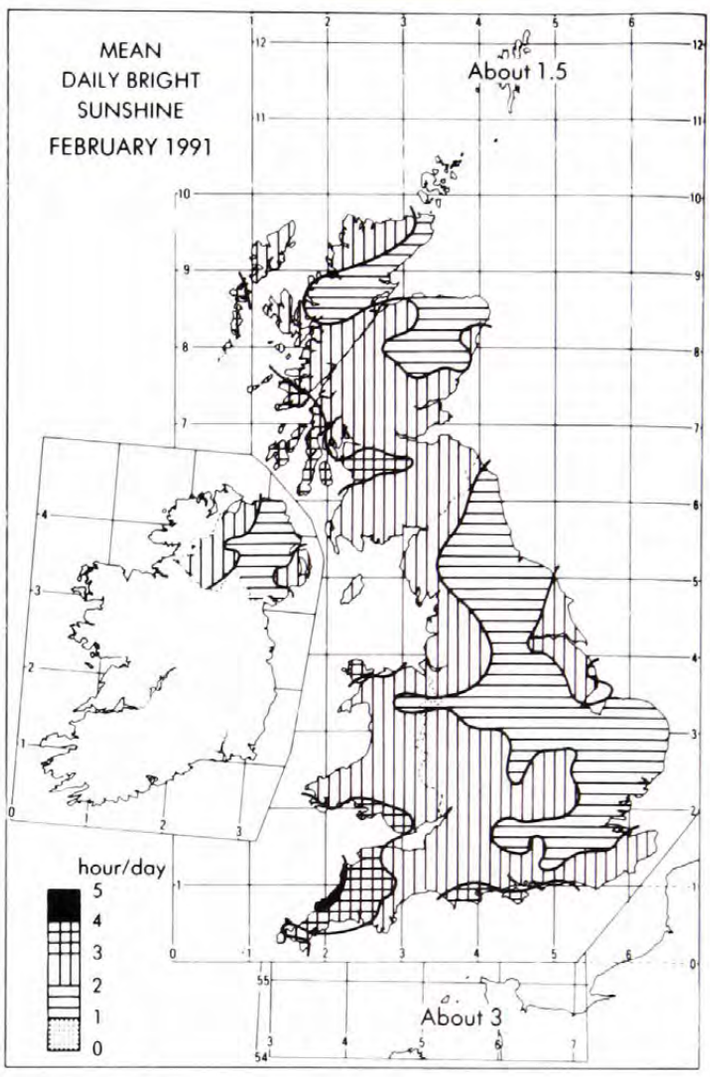
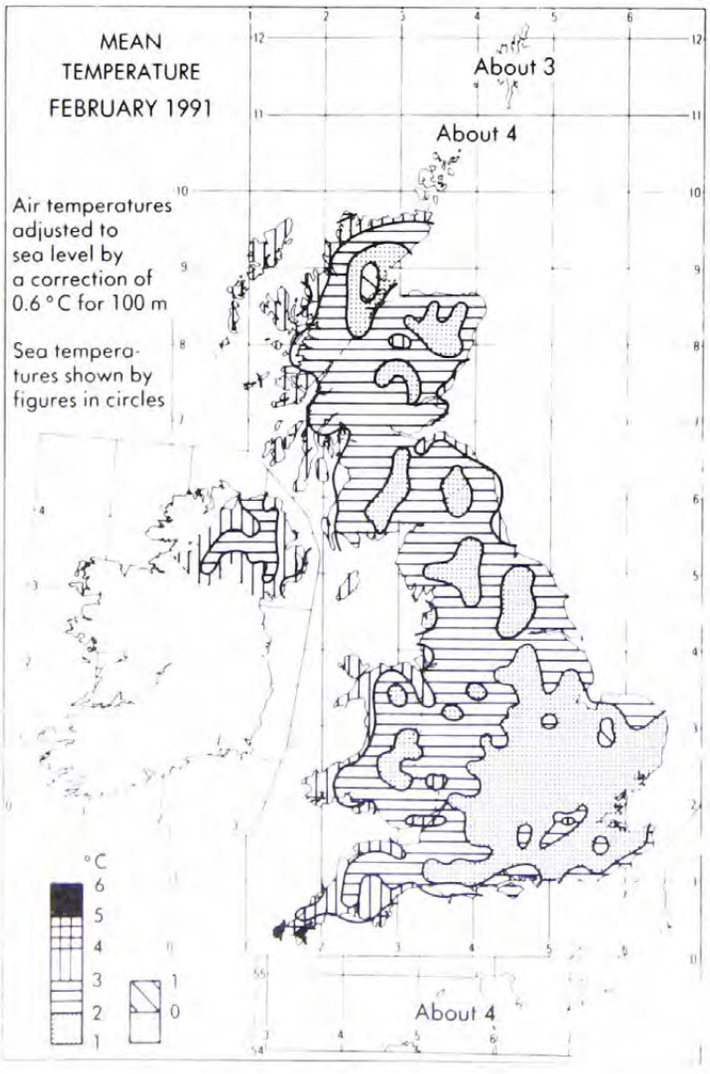
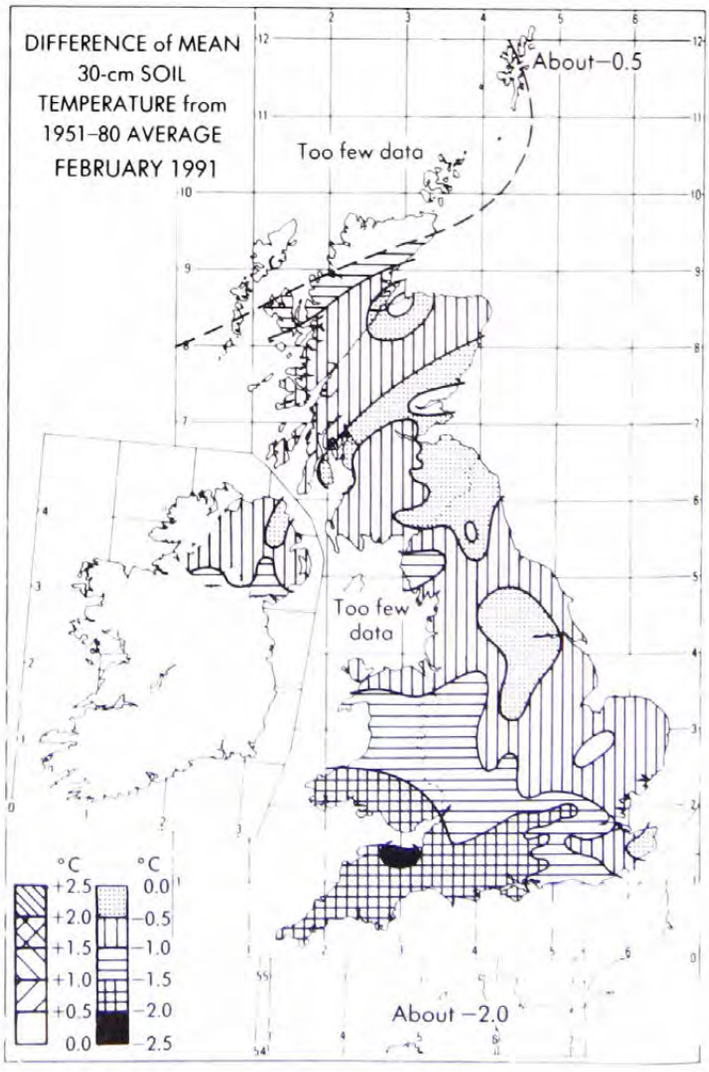
Additional to Monthly Parts, each Annual Volume of the Weather Report includes an explanatory Introduction and a Summary for the year.


MEAN
PRESSURE (mb)
at MSL
09 GMT
FEBRUARY 1991
The dashed lines show the 1951–80 average
1010
1011
1012
1013
1014
1015
1016
1017
1018
1015
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
FEBRUARY 1991
About 1.5
About 3
hour/day
5
4
3
2
1
0


MEAN
TEMPERATURE
FEBRUARY 1991
About 3
About 4
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
Sea temperatures shown by figures in circles
About 4
°C
6
5
4
3
2
1
1
0


DIFFERENCE of MEAN
30-cm SOIL
TEMPERATURE from
1951–80 AVERAGE
FEBRUARY 1991
About −0.5
Too few data
Too few data
About −2.0
°C
+2.5
+2.0
+1.5
+1.0
+0.5
0.0
°C
0.0
−0.5
−1.0
−1.5
−2.0
−2.5

RAINFALL (in millimetres)
FEBRUARY 1991

The approximate values in inches are given. The exact relationship is 254 mm = 10 in.

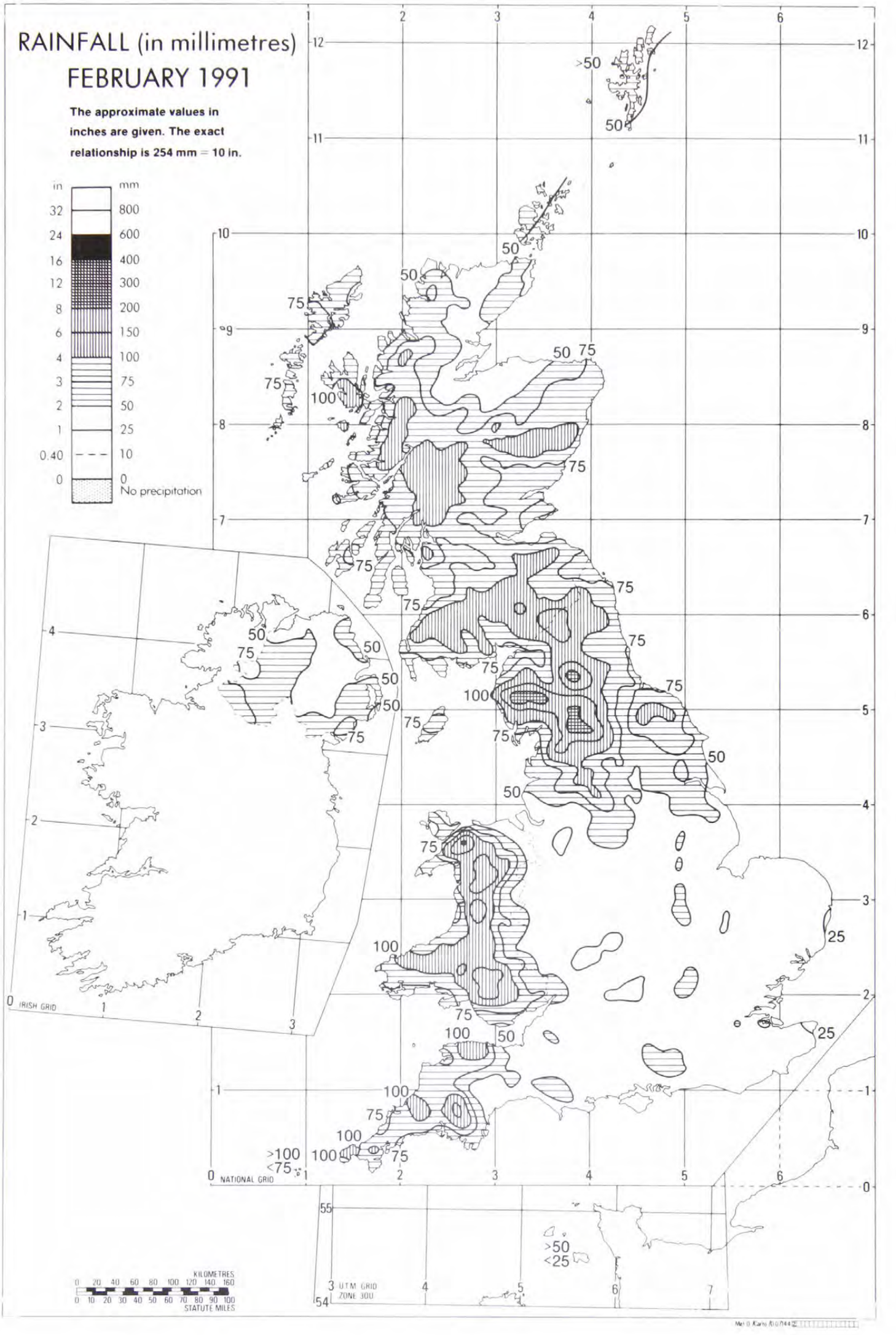


Table 2 Solar radiation

February 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	5.6	20	0.3	3	2.3	28	3.2	24	0.3	3	1.7	28
Stornoway	7.0	28	1.0	1	3.3	28	4.2	28	1.0	1	2.3	28
Aviemore	6.4	13	1.7	15	3.6	28	4.4	25	1.7	15	2.6	28
Aberdeen	7.2	23	0.5	27	3.3	28						
Dunstaffnage	7.5	10	1.0	19	4.3	28						
Shanwell	8.4	25	0.6	5	3.6	28	4.1	25	0.6	5	2.1	28
Auchincruive	9.7	13	1.9	4	5.0	23						
Eskdalemuir	7.7	16	0.6	23	3.7	28	5.1	27	0.6	23	2.4	28
Sunderland Poly	9.1	13	1.1	4	3.3	22						
Hazelrigg	9.4	25	0.4	23	4.2	28	5.4	27	0.4	23	2.9	27
Cawood	9.0	25	1.3	27	4.1	28						
Aughton	9.2	17	0.7	2	4.2	28	5.1	28	0.7	2	2.8	28
Finningley	9.4	14	1.5	27	4.2	28	4.5	11	1.5	27	3.0	28
Sutton Bonington	8.5	19	1.0	12	3.9	28	6.2	16	0.9	12	3.1	28
Hemsby	10.3	25	0.7	8	3.9	28	4.9	17	0.7	8	2.8	28
Denver Complex	8.6	16	1.5	27	4.3	28						
Gogerddan	8.2	11	1.1	23	4.8	25						
Brooms Barn	9.3	25	1.7	1	4.3	28	5.0	14	1.7	1	3.2	28
Aberporth	9.2	17	1.3	15	4.7	28	5.0	28	1.3	15	2.9	28
Wallingford	7.6	16	1.5	20	4.1	28						
London W.C.	8.9	19	0.6	8	3.9	28	4.5	28	0.3	8	2.6	28
Easthampstead	8.3	14	1.5	23	4.2	28	5.2	28	1.5	23	3.2	28
East Malling	8.2	19	1.7	21	4.5	28	5.0	28	1.7	5	3.3	28
Crawley	9.0	19	0.9	21	4.7	28	5.3	12	0.9	21	3.5	28
Rustington	9.6	28	1.6	21	5.3	28						
Efford	11.8	18	1.8	20	5.2	28						
Camborne	10.0	26	1.2	16	5.0	28	5.8	28	1.2	16	3.0	28
Jersey	10.2	28	0.9	15	5.7	28	5.6	28	0.9	15	3.6	28
Aldergrove	9.0	25	0.7	4	3.6	28	3.7	23	0.7	4	2.5	27

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation															
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of * 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
0 SCOTLAND N																														
Shetland																														
Baltasound	24	5.2	0.7	2.9	-0.1	8.4	24	-4.8	12	3.2	–	71	–	12	18	22	14	7	0	0	5	0	0	7	–	–	6	1.32	82	-
Fair Isle	57	5.3	2.4	3.9	–	8.0	23	-1.6	12	4.0	5.1	49	–	19	21	19	12	16	0	0	14	0	0	3	9	–	2	1.69	–	-
Lerwick (A)	82	4.7	1.0	2.9	+0.1	8.0	23,24	-3.4	12	3.3	–	56	60	17	21	20	9	13	1	0	9	0	0	9	17	16	4	1.54	80	-
Sumburgh (A)	7	5.8	2.5	4.1	–	8.7	23	-1.8	12	–	–	–	–	–	–	–	–	11	0	0	5	0	0	3	16	11	4	–	–	-
Orkney																														
Kirkwall Airport (A)	26	5.2	1.0	3.1	-0.3	10.1	23	-3.1	10	2.9	–	50	71	9	28	20	12	13	2	0	12	0	0	5	16	12	0	1.72	77	-
Rackwick	18	5.6	1.1	3.3	–	9.6	23	-5.2	10	–	–	68	–	15	28	22	15	12	–	1	12	0	0	9	–	–	0	–	–	-
Western Isles																														
Benbecula (A)	5	6.6	0.8	3.7	-0.6	9.8	23	-4.5	10	3.7	–	65	76	14	3	17	12	4	0	1	3	0	0	9	18	17	0	3.02	119	-
Scalpay	18	(6.0)	(1.0)	3.5	–	–	–	–	–	–	–	(80)	–	–	–	–	–	1	0	0	0	0	–	–	–	–	1	–	–	-
Stornoway (A)	15	6.2	1.1	3.7	-0.2	10.0	23	-3.3	10	2.9	–	53	69	11	26	15	10	6	0	0	2	0	0	8	16	16	0	2.41	97	-
Highland																														
Aviemore (A)	229	4.2	-2.6	0.8	–	10.5	26	-9.1	13	0.4	1.9	43	–	8	28	17	10	16	11	0	3	0	1	20	24	23	0	1.70	–	-
Cape Wrath	112	5.2	1.6	3.4	-0.5	10.2	26	-1.1	7	–	–	43	59	13	28	17	11	8	1	0	1	0	0	5	11	11	5	2.31	(96)	-
Cairngorm Chairlift	663	1.3	-2.9	-0.8	–	6.5	23	-6.5	7	0.9	–	–	–	–	–	–	–	8	27	0	0	0	4	23	–	–	4	–	–	-
Cassley	99	4.3	-3.3	0.5	–	10.1	23	-10.6	5	–	–	(64)	–	–	–	–	–	–	10	–	–	–	–	23	–	–	–	–	–	-
Dalcross (A)	11	5.3	-1.5	1.9	–	11.5	26	-7.0	5	–	–	35	101	11	28	14	7	8	9	0	0	0	0	16	24	–	0	–	–	-
Dalwhinnie	351	2.8	-2.2	0.3	–	7.5	23	-9.6	14	1.1	–	68	–	18	22	16	15	8	5	0	0	0	0	21	28	–	0	2.13	–	S
Diabaig	60	6.5	1.4	3.9	–	10.1	25	-3.0	10	–	–	55	–	14	22	16	11	4	1	0	1	0	0	10	20	–	0	1.80	–	S
Dingwall	7	4.7	-2.7	1.0	–	11.2	23	-9.5	5	–	–	35	–	6	23	15	10	–	0	–	–	–	–	19	–	–	–	–	–	-
Duartmore Bridge	30	5.6	-0.3	2.7	–	11.0	19	-7.5	10	–	–	60	–	15	28	20	11	5	1	0	1	0	0	15	–	–	0	2.25	–	-
Eilanreach	8	6.1	-1.9	2.1	–	10.5	25	-7.4	10	–	–	77	–	18	14	14	12	0	0	0	0	0	0	19	21	–	0	–	–	-
Fort Augustus	21	5.1	-1.4	1.9	-0.8	10.8	26	-7.6	13,14	–	–	58	81	17	22	12	8	4	0	0	0	0	1	17	–	–	1	2.08	98	S
Fortrose	5	5.6	0.2	2.9	-0.5	11.0	23,26	-4.0	1	–	–	(25)	72	5	28	12	7	4	3	0	0	0	–	12	–	–	0	–	–	-
Grantown-on-Spey	220	3.7	-3.5	0.1	–	9.4	23	-12.1	13	–	–	28	–	6	28	15	7	14	13	0	1	0	0	25	–	–	0	2.10	–	-
Inverailort	2	6.0	-0.6	2.7	–	10.7	23	-6.9	10	–	–	88	–	18	26	16	11	6	5	0	1	0	0	16	23	–	2	–	–	-
Inverness	4	5.7	-0.9	2.4	-0.8	11.4	27	-6.1	10,11	–	–	33	95	9	9	14	10	3	10	0	0	0	0	14	25	–	0	2.24	86	-
Inverpolly	14	6.1	-0.5	2.8	–	12.0	26	-6.5	10	–	–	49	–	10	28	15	9	5	3	0	1	0	–	16	26	–	0	–	–	S
Isle of Rhum	5	6.4	-0.1	3.1	(-1.2)	10.5	23	-5.8	10	3.1	5.9	136	88	33	14	18	13	2	0	0	0	0	0	15	25	–	2	2.58	–	-
Kiltarlity	75	4.7	-2.6	1.1	–	10.4	26	-8.7	5	–	–	32	–	7	14	15	10	8	8	0	0	0	0	18	26	–	0	–	–	-
Kinbrace	103	–	–	–	–	–	–	–	–	–	–	(55)	–	–	–	–	–	13	15	0	0	0	–	–	–	–	0	2.04	–	S
Kinlochewe	25	5.7	-1.5	2.1	(-1.0)	11.1	24	-6.7	5	2.0	–	100	–	28	22	18	12	9	7	0	1	0	0	19	26	–	0	1.19	–	S
Knockanrock	244	4.0	-1.3	1.3	–	9.2	26	-6.4	10	–	–	(59)	–	–	–	–	–	8	16	0	0	0	–	19	27	–	0	–	–	-
Lairg	107	4.0	-3.5	0.3	–	9.1	23	-12.4	10	0.6	2.8	40	–	9	28	17	10	–	16	–	–	–	0	24	28	–	–	1.45	–	S
Lentran	146	5.0	-2.0	1.5	–	10.0	26	-6.9	5	2.5	–	–	–	–	–	–	–	10	14	0	0	0	0	17	27	–	0	–	–	-
Nairn	8	5.4	-1.0	2.2	-0.6	11.0	23	-5.8	5	–	–	28	82	7	28	12	7	5	8	0	0	0	0	15	26	–	0	2.46	90	-
Onich	15	6.5	-1.0	2.7	-0.9	11.4	25	-6.2	10,12	–	–	96	73	25	22	13	12	–	1	–	–	–	0	15	19	–	–	2.16	100	S
Plockton	12	6.2	0.4	3.3	–	10.1	27	-4.2	6	–	–	61	–	20	14	15	11	3	1	0	1	0	0	14	–	–	0	–	–	-
Poolewe	6	6.4	0.3	3.3	(-1.0)	10.7	26	-5.4	10	–	–	56	53	14	20	15	12	3	1	0	0	0	0	15	22	–	0	1.69	(64)	S
Tomatin	311	3.5	-3.1	0.2	–	9.3	26	-9.3	5	–	–	(50)	–	–	–	–	–	12	0	0	0	0	–	22	–	–	0	–	–	-
Waterstein	92	5.9	0.8	3.3	–	9.0	23,26	-3.7	7	–	–	82	–	16	14	13	11	–	–	–	–	–	–	–	–	–	–	–	–	-
Wick (A)	36	5.1	0.5	2.8	-0.3	10.2	23	-6.0	10	2.9	–	45	77	9	18	16	10	10	5	0	4	0	0	7	15	13	0	1.94	75	-
1 SCOTLAND E																														
Grampian																														
Aberdeen																														
Dyce Airport (A)	65	4.9	-1.0	1.9	-0.6	11.8	23	-8.8	14	–	–	95	164	25	27	16	9	19	9	1	1	0	3	13	22	18	0	2.09	81	-
Mannofield	52	4.6	0.0	2.3	-0.4	11.4	23	-5.2	11	–	–	86	159	23	21	17	10	10	10	0	2	0	3	10	21	–	0	–	–	-
Aldroughty	30	5.4	-0.8	2.3	–	11.5	23	-6.4	11	2.2	–	33	–	16	21	12	8	4	6	0	0	0	3	15	25	–	0	1.70	–	-
Ballater Field Centre	200	4.0	-2.5	0.7	–	10.2	24	-12.5	14	–	–	87	–	19	8	15	12	11	20	0	0	0	–	20	–	–	0	–	–	-
Balmoral	283	3.2	-2.5	0.3	-0.2	8.6	23	-11.6	14	–	–	68	113	12	8	14	12	9	18	0	0	0	–	25	28	–	0	–	–	-
Banff Golf Course	15	5.3	-0.2	2.5	–	12.5	23	-8.0	11	1.9	–	52	–	23	21	16	11	8	8	0	6	0	0	12	–	–	0	–	–	S
Braemar	339	3.0	-2.9	0.1	-0.3	8.2	24	-13.8	14	–	–	(66)	112	13	8	16	13	15	16	0	2	0	–	22	25	–	0	1.53	79	S
Craibstone	102	4.6	-0.9	1.9	-0.7	11.1	23	-9.8	14	2.0	3.0	106	186	31	27	15	9	11	17	0	3	0	5	12	24	–	0	2.31	87	-
Culterty	3	5.0	-0.4	2.3	–	12.2	23	-8.0	14	–	–	69	–	19	21	12	9	9	8	0	1	0	2	11	16	–	0	1.83	–	-
Durris, Wardend	107	4.2	-1.7	1.3	–	11.0	23	-9.2	14	1.4	–	122	–	27	21	20	14	11	21	0	0	1	0	18	25	–	0	1.87	–	-
Forehill	40	4.5	0.3	2.4	–	11.6	23	-4.4	11	–	–	89	167	28	21	20	11	9	10	0	0	0	5	10	16	–	0	–	–	-
Forres	5	5.6	-0.5	2.5	–	11.8	23	-6.4	13	2.6	4.0	33	–	13	9	10	8	8	9	0	5	0	0	14	21	–	0	–	–	-
Fyvie Castle	55	4.3	-2.4	0.9	(-1.0)	10.6	23	-11.7	11	–	–	80	–	–	–	–	–	12	16	0	1	0	0	17	27	–	0	–	–	S
Glenlivet	215	4.1	-2.5	0.8	(-0.4)	10.7	23	-11.5	14	–	–	47	–	13	21	17	10	–	–	–	–	–	–	19	–	–	–	1.65	(64)	S
Inchmarlo	80	(4.0)	(-2.0)	1.0	–	–	–	–	–	–	–	150	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Inverurie	54	4.5	-1.8	1.3	–	11.5	23	-11.8	14	–	–	75	–	23	21	19	12	13	15	0	0	0	5	14	26	–	0	1.60	–	-
Keith	106	4.0	-2.2	0.9	–	11.0	23	-9.9	14	–	–	(51)	–	22	21	15	12	9	10	0	0	0	–	20	28	–	0	1.92	–	-
Kinloss (A)	5	5.5	-1.1	2.2	-0.7	11.8	23	-6.4	13	3.2	–	36	95	12	9	11	8	10	9	0	8	0	0	14	25	19	1	1.85	70	-
Leith Hall	180	4.3	-1.9	1.2	–	9.9	24	-9.8	14	–	–	(25)	–	–	–	–	–	12	5	0	0	0	1	19	28	–	0	–	–	-
Lossiemouth (A)	6	5.5	–	–	–	11.4	23	–	–	–	–	29	75	12	21	13	7	–	–	–	–	–	–	–	–	–	–	–	–	-
Rothes	61	5.3	-1.1	2.1	–	11.3	25	-5.5	10	–	–	38	–	23	21	10	9	5	8	0	0	0	3	15	23	–	0	1.69	–	S
Stonehaven	85	4.5	0.3	2.4	–	12.0	24	-3.9	14	–	–	83	–	21	27	18	10	8	9	0	0	0	3	9	–	–	0	1.72	–	S
Tayside																														
Arbroath	29	5.1	1.2	3.1	-0.2	11.5	23	-1.8	10	–	–	57	143	23	21	13	9	4	4	0	0	0	1	7	22	–	0	2.49	87	-
Ardtalnaig	130	4.8	-1.0	1.9	(-0.6)	9.3	23,25	-6.0	13,14	–	–	88	97	17	26	15	11	10	12	0	0	0	1	17	25	–	0	2.20	–	S
Dall (Rannoch School)	232	3.9	-4.6	-0.3	–	8.5	23,24	-14.1	13	–	–	89	–	26	22	8	8	8	17	0	0	0	1	25	27	–	0	–	–	-
Drummond Castle	113	5.0	-1.5	1.7	–	10.0	23	-6.3	13	2.3	–	69	–	17	22	16	12	6	14	0	0	0	–	21	26	–	0	2.35	–	-
Dundee	45	5.2	0.9	3.1	-0.1	12.0	23	-2.8	13	2.4	–	64	125	18	21	15	10	10	9	0	0	0	1	8	23	–	0	2.46	94	-
Faskally	94	4.7	-1.5	1.6	-0.5	11.6	23	-6.2	1	1.4	3.0	57	104	13	27	18	12	9	15	0	1	0	0	19	27	–	0	–	–	-
Forfar	91	4.0	-1.1	1.5	–	10.8	23	-6.0	12	–	–	67	–	22	27	18	11	10	12	0	0	0	0	18	26	–	0	2.20	–	-
Kindrogan	259	2.8	-3.2	-0.2	–	8.0	22	-11.0	14	–	–	71	–	15	27	18	12	17	28	0	0	0	–	26	28	–	0	–	–	-
Kinross	116	4.5	-1.8	1.3	–	10.7	23	-8.7	11	2.0	–	(70)	–	16	22	13	11	4	12	0	0	0	0	21	26	–	0	2.70	–	-
Montrose	55	4.5	(0.5)	(2.5)	–	11.6	23	–	–	2.5	–	–	–	–	–	–	–	1	7	0	0	0	2	–	26	–	0	–	–	-
Mylnefield (A)	30	5.4	0.3	2.9	0.0	12.0	23	-3.8	1	2.7	4.6	61	127	16	21	15	10	8	7	0	1	0	1	11	23	–	0	2.29	87	-
Perth Aerodrome (A)	118	4.3	-2.0	1.1	–	10.5	24	-8.9	11	–	–	66	–	13	27	15	12	6	9	0	0	0	–	20	–	–	0	–	–	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets, etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
1 SCOTLAND E - Continued																												
Tayside - Continued																												
Strathallan	41	5.4	-0.8	2.3	–	11.7	23	-6.5	13	–	–	63	–	13	21	16	10	11	10	0	0	0	1	17	26	–	0	–	–	–
Tummel Bridge	161	4.2	-3.0	0.6	–	10.8	23	-10.1	1	–	–	75	–	18	14	18	12	16	–	–	–	–	–	21	–	–	–	–	–	–
Whitehillocks	258	3.3	-1.4	0.9	–	9.2	24	-9.0	14	–	–	108	–	24	27	19	15	11	18	0	2	0	2	21	28	–	0	–	–	S
Fife																												
Belliston	82	4.5	0.4	2.5	–	10.3	23	-2.6	12	2.8	–	81	168	26	21	13	10	8	7	0	4	0	1	10	25	–	0	–	–	–
Cupar	42	5.2	-0.5	2.3	–	12.2	23	-6.0	14	2.1	–	75	–	21	21	16	12	12	15	0	2	0	–	16	24	–	0	2.28	–	S
Fife Ness	12	5.4	1.3	3.3	–	11.8	23	-1.3	14	–	–	–	–	–	–	–	–	9	0	0	0	2	1	7	13	–	3	–	–	–
Leuchars (A)	10	5.5	-0.6	2.5	-0.6	12.6	23	-4.2	10	2.7	–	72	154	24	21	15	11	12	9	0	2	0	0	18	24	23	0	2.47	92	–
Lothian																												
Bush House	184	4.1	-1.1	1.5	-0.7	10.1	26	-4.8	1	1.6	2.9	117	220	23	21	13	9	7	15	0	0	0	0	19	24	–	0	2.51	108	S
Dunbar	23	5.4	0.7	3.1	-0.7	12.6	23	-2.7	13	2.3	–	61	183	21	21	14	9	7	4	4	1	0	0	10	–	–	0	2.41	86	–
Edinburgh																												
East Craigs	61	5.4	-0.9	2.3	-0.7	12.9	26	-7.0	11	2.5	–	71	172	28	21	11	9	6	10	0	0	0	0	19	–	–	0	2.74	(110)	–
Royal Botanic Garden	26	5.7	-0.2	2.7	-0.7	12.5	26	-3.9	1	2.2	–	67	171	20	21	11	9	5	9	0	0	0	0	16	25	–	0	2.54	108	–
Royal Observatory Blackford Hill (A)	134	4.9	0.1	2.5	-0.6	11.1	23	-2.5	11	–	–	76	194	27	21	12	11	4	12	0	0	0	0	17	23	–	0	2.56	104	–
Turnhouse Airport (A)	35	5.7	-1.3	2.2	-0.8	12.1	26	-7.4	13	2.6	–	72	175	24	21	12	10	7	10	1	1	0	2	22	24	23	0	2.61	112	–
Haddington	41	5.4	-0.7	2.3	–	12.0	22	-7.6	12	–	–	69	–	23	21	18	11	7	14	0	0	0	0	16	–	–	0	–	–	–
Livingston	125	4.6	-2.5	1.1	–	10.3	23	-10.6	13	1.4	–	76	–	22	21	12	9	4	12	0	0	0	–	20	24	–	0	–	–	–
Nunraw Abbey	197	3.8	-0.7	1.5	–	10.6	23	-3.9	11	–	–	114	–	24	9	17	12	9	16	0	0	0	2	20	–	–	0	–	–	–
Penicuik	185	4.0	-2.0	1.0	(-1.1)	10.4	26	-6.6	11	1.4	–	105	191	22	21	14	10	5	14	0	0	0	1	22	25	–	0	2.55	(121)	–
Borders																												
Blyth Bridge	253	3.4	-1.6	0.9	-0.8	9.5	22,23	-6.9	13	–	–	83	147	20	23	15	10	6	13	0	0	0	3	21	–	–	0	2.99	132	–
Blythe	262	2.9	-1.5	0.7	–	9.4	23	-6.5	11	3.0	–	83	–	21	21	16	12	15	16	0	0	0	1	23	25	–	3	2.51	–	–
Bowhill (Selkirk)	168	3.9	-1.4	1.3	-0.7	11.2	23	-5.3	14	1.5	–	90	143	19	21	18	10	11	17	1	1	0	1	21	23	–	0	–	–	–
Carterhouse	308	2.5	-2.4	0.1	–	8.4	23,25	-8.7	11	1.5	2.8	(159)	–	–	–	–	–	14	21	0	6	0	2	21	25	–	0	–	–	–
Floors Castle	59	4.5	-1.3	1.6	–	10.7	24	-9.3	14	–	–	77	179	17	21	14	11	7	13	0	0	0	3	22	–	–	0	–	–	–
Galashiels	198	3.4	-0.8	1.3	–	9.6	23	-5.7	14	–	–	(76)	–	18	21	16	12	9	14	0	0	0	0	19	24	–	0	2.33	–	S
Glentress	165	4.6	-2.1	1.3	(-0.9)	11.1	22	-9.0	14	–	–	86	156	15	21	16	13	8	14	0	0	0	0	22	–	–	0	–	–	–
Greycrook	76	4.5	-1.8	1.3	–	10.7	24	-10.6	14	2.5	–	81	–	16	21	15	11	9	14	0	0	0	1	22	–	–	0	–	–	–
Kelso	34	4.5	-1.2	1.7	–	11.3	26	-8.3	14	2.4	–	77	–	16	21	16	11	13	13	0	2	0	2	21	25	–	0	–	–	–
St Abbs Head	75	4.8	1.2	3.0	–	11.1	23	-1.1	14	–	–	–	–	–	–	–	–	8	3	0	4	0	1	6	14	12	1	–	–	–
West Linton	244	3.8	-2.0	0.9	-0.6	9.5	23	-9.0	14	1.1	2.4	(91)	161	15	23	13	11	5	14	0	0	0	0	21	24	–	0	–	–	–
6 SCOTLAND W																												
Strathclyde																												
Abington	247	(3.5)	(-2.5)	0.5	–	–	–	–	–	–	–	(90)	–	–	–	–	–	6	9	0	0	0	–	–	–	–	0	–	–	–
Ardentinny	5	5.9	-0.4	2.7	–	12.0	23	-5.0	13	2.2	3.4	97	–	22	22	15	11	4	2	0	0	0	0	16	23	–	0	–	–	–
Aros	37	6.3	0.4	3.3	–	10.8	24	-4.5	11	–	–	75	–	18	14	15	13	0	0	0	0	0	–	14	18	–	0	–	–	–
Auchincruive	48	5.6	-0.7	2.5	-1.0	11.7	23	-6.1	10	3.5	5.1	59	119	15	21	14	8	3	3	0	0	0	0	15	25	–	0	2.90	109	–
Benmore (Younger Botanic Garden)	12	5.6	-0.4	2.6	(-0.8)	11.3	23	-4.6	13,14	2.1	–	94	59	18	22	16	12	7	2	0	0	0	0	15	23	–	0	–	–	–
Black Mount	175	4.2	-2.2	1.0	–	9.1	23	-10.5	13	–	–	109	–	34	22	15	11	10	8	0	0	0	1	18	–	–	0	–	–	–
Brodick Castle	15	6.3	0.8	3.5	–	12.4	23	-4.0	13	3.9	–	92	–	23	22	19	12	5	1	0	0	0	0	9	22	–	0	–	–	–
Camps Reservoir	295	2.8	-3.2	-0.2	(-1.2)	8.9	22	-11.0	13	–	–	100	–	20	22	17	13	9	10	0	0	0	–	24	–	–	0	2.44	–	S
Carnwath	208	3.9	-4.3	-0.2	-1.6	10.0	23	-14.8	13	1.6	–	67	136	15	23	15	10	9	16	0	0	0	2	23	25	24	1	–	–	–
Colonsay Hotel	15	6.1	1.4	3.7	–	10.7	23	-2.2	11	–	–	49	–	13	14	15	11	5	0	0	0	0	0	7	21	–	2	3.35	–	–
Cumnock	99	5.4	-1.5	1.9	–	11.0	23	-7.2	11	1.9	–	70	–	18	21	16	10	7	7	0	0	0	–	16	23	–	0	–	–	S
Dalry	32	5.9	-1.2	2.3	–	10.5	24	-6.9	11	–	–	81	–	14	14	16	13	5	5	0	0	0	–	17	–	–	0	–	–	–
Drumclog	227	3.9	-2.8	0.5	–	9.8	23	-10.5	11	–	–	77	–	20	22	14	13	6	11	0	0	0	0	21	23	–	1	–	–	–
Dunstaffnage (A)	3	6.1	0.4	3.3	–	11.1	23	-4.0	11,13	2.6	–	65	–	16	14	13	8	6	0	0	0	0	1	13	20	–	0	3.01	–	–
East Kilbride	178	4.6	-1.5	1.5	–	10.5	23	-6.4	13	–	–	90	–	28	22	14	12	6	12	0	0	0	–	18	22	–	0	3.18	–	–
Girvan	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Glasgow Abbotsinch Airport (A)	5	5.6	-2.2	1.7	–	11.2	23	-11.6	11	2.2	–	59	93	19	22	15	12	7	11	0	0	0	1	18	22	22	0	2.42	–	–
Springburn Park	107	4.7	-1.1	1.8	-1.0	10.9	23	-6.3	13	–	–	(65)	–	–	–	–	–	–	–	–	–	–	–	19	–	–	–	–	–	S
Helensburgh	96	5.4	-0.7	2.3	–	11.0	23	-5.0	13	–	–	73	–	15	22	12	11	4	4	0	0	0	–	17	–	–	0	2.91	–	S
Hunterston	8	6.0	0.9	3.5	-0.8	11.0	24	-4.3	8	–	–	72	–	13	22	16	13	6	3	0	0	0	0	12	–	–	0	–	–	–
Inverinan Mor	70	5.0	-1.8	1.6	–	11.3	23	-7.6	13	–	–	87	–	19	19	13	11	5	5	0	2	0	0	17	–	–	0	–	–	–
Leadhills	388	3.1	-4.2	-0.5	–	8.0	22	-10.5	13	–	–	121	–	19	21	17	15	9	19	0	0	0	2	24	25	–	0	–	–	–
Lochgilphead	5	6.1	-0.7	2.7	–	11.3	23	-5.4	13	–	–	64	–	15	14	14	12	5	4	0	0	0	0	16	21	–	0	–	–	–
Lochranza	46	5.5	0.8	3.1	–	12.0	23	-4.5	12	–	–	66	–	17	22	18	12	–	–	–	–	–	–	11	–	–	–	–	–	–
Machrihanish (A)	10	6.0	0.1	3.1	(-1.3)	12.2	23	-5.5	13	–	–	56	–	9	11	14	12	–	–	–	–	–	–	13	–	–	–	–	–	–
Millport	5	6.0	1.8	3.9	(-0.6)	9.6	24	-2.0	10	–	–	71	97	15	22	15	11	5	2	0	0	0	–	5	–	–	0	–	–	–
Motherwell (Strathclyde Park)	24	5.8	-2.1	1.9	–	12.6	23	-8.2	11	–	–	52	–	12	22	13	10	6	8	0	0	0	1	21	–	–	0	–	–	–
Orsay	23	6.0	1.9	3.9	–	10.0	23	-2.7	10	–	–	57	–	12	11	15	12	3	0	0	0	0	1	8	10	8	0	–	–	–
Paisley (A)	32	5.6	-0.3	2.7	-1.0	10.6	23	-4.5	13	2.3	5.0	63	86	18	22	15	12	7	10	0	0	0	1	15	22	–	0	2.41	122	–
Pollok Country Park	16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Prestwick (A)	16	5.9	-1.2	2.3	-1.4	12.3	23	-7.4	10	2.5	–	60	123	16	21	14	9	8	4	0	0	0	0	16	20	21	0	3.22	117	–
Rothesay	43	6.2	1.5	3.9	(-0.2)	11.9	24	-2.4	13	2.7	3.9	77	92	14	14	15	13	5	2	0	0	0	0	7	23	–	0	2.86	–	–
Salsburgh	260	3.5	-1.8	0.9	–	9.5	23	-5.3	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22	–	–	–	–	–	–
Saughall	221	4.2	-2.4	0.9	–	9.9	23	-8.9	11	1.3	3.3	79	–	19	22	14	10	6	12	0	0	0	1	20	22	20	0	3.01	–	–
Tiree (A)	9	6.5	1.6	4.1	-0.6	10.8	23	-2.6	10	4.0	–	87	123	18	3	15	12	3	0	1	0	0	0	9	16	16	0	3.42	143	–
Uplawmoor	128	4.0	-1.8	1.1	–	8.9	23	-8.6	11	–	–	84	–	19	22	16	14	5	7	0	0	0	4	18	23	–	0	–	–	–
Central																												
Aberfoyle	27	5.8	-1.9	1.9	–	10.5	23	-9.0	13	–	–	77	–	23	22	12	11	0	6	0	0	0	–	21	24	–	0	–	–	–
Arrochymore	30	5.6	-1.1	2.3	–	10.3	24	-6.2	13	2.9	–	92	–	15	22	16	13	–	9	–	–	–	0	20	24	–	–	2.23	–	S
Balquhidder	136	4.7	-1.5	1.6	–	10.2	23	-7.5	13	1.7	–	92	–	26	22	14	11	4	11	0	0	0	1	19	22	–	0	–	–	S
Falkirk	3	5.6	-1.2	2.2	–	11.5	23	-6.5	11	–	–	71	–	23	22	17	11	6	9	0	0	0	–	18	–	–	0	–	–	–
Grangemouth (BP Refinery)	2	5.9	0.1	3.0	–	12.0	23	-5.7	13	–	–	65	–	19	22	14	9	6	7	0	1	0	1	12	–	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall (09 to 09 GMT) Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of 1951-80 average*	Exposure
6 SCOTLAND W - Continued																														
Central - Continued																														
Loch Venachar	84	4.7	-1.7	1.5	–	9.3	26	-6.5	11	–	–	75	–	21	22	14	10	7	5	0	0	0	2	20	23	–	0	–	–	–
Mugdock Park	165	4.5	-0.9	1.8	–	9.5	23	-4.0	10	2.5	–	90	–	27	22	13	10	5	14	0	0	0	2	20	–	–	0	–	–	–
Parkhead	35	5.4	-1.4	2.0	–	11.1	23	-6.5	13,14	1.4	–	64	–	15	22	17	10	–	13	–	–	–	1	21	–	–	–	–	–	–
Stirling (Sewage Works)	7	5.9	-0.2	2.9	–	12.8	23	-5.0	14	–	–	54	–	15	22	13	8	–	0	–	–	–	2	16	21	–	–	2.81	–	–
Tyndrum	168	4.6	-2.3	1.1	–	9.8	23	-12.1	14	–	–	95	–	22	22	18	11	10	6	0	0	0	–	20	–	–	0	–	–	–
Dumfries & Galloway																														
Auchen Castle	184	3.8	-1.4	1.2	–	8.9	24	-7.6	14	–	–	120	–	31	22	16	15	10	13	0	0	0	0	21	24	–	0	–	–	–
Bargrennan	110	5.0	-1.8	1.6	-1.3	9.5	15	-6.8	14	–	–	98	99	20	22	13	11	6	9	0	0	0	–	22	–	–	0	–	–	–
Clatteringshaws	178	4.0	-2.1	0.9	–	8.2	22	-7.3	5	–	–	141	103	26	23	16	15	11	13	1	0	–	0	22	–	–	–	2.25	–	–
Corsewall Point	15	5.8	1.0	3.4	–	11.1	23	-2.5	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8	–	–	–	–	–	–
Creebridge	18	6.0	-1.4	2.3	–	10.6	24	-6.0	14	–	–	79	–	17	21	12	10	4	2	0	0	0	–	20	–	–	0	–	–	–
Dumfries	49	5.6	-1.3	2.1	-1.0	12.5	22	-5.2	14	3.1	4.4	87	122	22	24	12	12	7	3	0	0	0	0	20	26	–	0	1.96	81	S
Dumfries (Drungans)	28	5.8	-0.7	2.5	–	11.1	22,23	-5.4	14	–	–	91	–	24	21	11	10	–	–	–	–	–	–	17	20	–	–	–	–	–
Eskdalemuir (A)	242	3.4	-2.4	0.5	-1.0	8.6	24	-9.8	14	2.7	4.5	149	150	37	23	17	14	11	13	0	2	0	0	21	23	22	0	2.29	102	–
Glenlee	55	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Glenlochar Barrage	47	5.3	-1.8	1.7	-1.3	9.6	24	-7.4	5	–	–	92	110	24	23	12	10	6	2	0	0	0	1	20	–	–	0	–	–	–
Penwhirn	166	4.4	-2.4	1.0	(-1.5)	10.4	24	-6.8	14	–	–	–	–	–	–	–	–	2	4	0	0	0	1	20	21	–	0	–	–	–
Threave	73	4.9	-1.8	1.5	-1.4	9.3	27	-7.4	5	2.1	–	99	121	25	23	13	12	9	12	0	0	0	2	20	–	–	0	–	–	–
Whithorn	40	5.3	-0.3	2.5	–	8.7	22	-4.6	11	4.4	–	60	–	18	21	14	8	5	0	0	2	0	0	15	23	16	0	2.53	–	–
2 ENGLAND E & N E																														
Northumberland																														
Boulmer (A)	23	5.0	0.6	2.8	–	12.0	22,23	-4.5	14	3.0	4.1	77	–	23	27	20	14	14	9	0	10	0	1	11	17	17	0	1.74	–	–
Cockle Park	99	4.0	-0.3	1.9	-0.9	11.7	24	-5.4	14	2.2	–	105	198	17	27	19	13	15	13	0	0	0	3	14	23	–	0	–	–	–
Haydon Bridge	82	5.3	-1.0	2.1	-0.6	11.8	26	-9.9	14	3.2	–	97	–	25	23	17	10	9	12	0	0	0	1	19	–	–	0	–	–	–
Kielder Castle	201	–	–	–	–	–	–	–	–	–	–	(186)	224	(53)	23	17	15	11	15	0	0	0	–	–	–	–	0	–	–	–
Redesdale	235	2.8	-1.8	0.5	–	9.9	22	-9.0	14	2.3	–	120	–	23	22	17	13	–	20	–	–	–	5	23	26	–	–	1.95	–	–
Tyne & Wear																														
Newcastle Weather Centre (X)	52	5.1	0.7	2.9	–	12.1	23,24	-4.3	14	–	–	73	–	13	21	17	11	15	–	0	6	2	1	10	–	13	0	–	–	–
South Shields	5	5.7	1.1	3.4	–	12.8	23	-3.5	14	–	–	77	–	16	27	17	12	11	6	2	0	0	1	10	–	–	0	–	–	–
Sunderland Polytechnic	56	5.6	1.3	3.5	–	12.6	24	-2.3	14	–	–	67	–	15	27	17	13	9	9	2	1	2	1	7	–	–	0	1.76	–	–
Tynemouth	30	5.3	0.9	3.1	-0.8	12.6	23	-3.0	10	–	–	72	167	17	27	15	13	10	4	0	0	0	1	9	12	–	2	1.71	79	–
Durham																														
Durham	102	4.9	-0.8	2.1	-0.9	12.5	24	-8.5	14	2.4	4.2	80	170	13	27	19	15	–	16	–	–	–	5	20	23	–	–	1.87	84	–
Low Etherley	155	3.9	-1.5	1.2	–	11.3	23	-6.0	14	2.1	4.9	103	–	16	7	17	13	17	20	0	0	0	4	23	27	23	0	–	–	–
Widdybank Fell	513	0.9	-3.7	-1.4	–	7.0	25	-8.6	14	0.8	–	216	–	47	22	23	17	12	24	0	0	0	9	25	26	–	1	1.63	–	–
Cleveland																														
North Yorkshire																														
Askham Bryan	33	4.4	-1.3	1.5	-1.6	13.1	24	-9.8	9	–	–	62	142	21	27	13	11	7	15	0	0	0	10	17	21	–	0	1.46	69	S
Cawood	6	4.6	-2.3	1.1	-2.1	13.8	23	-16.0	14	2.9	3.8	63	157	21	27	12	11	10	14	0	0	0	7	20	23	–	0	1.77	83	–
Church Fenton	8	4.9	-2.3	1.3	–	13.5	23,24	-15.2	14	–	–	46	–	19	27	12	10	–	–	–	–	–	–	19	–	–	–	–	–	–
Fylingdales	262	2.7	-2.3	0.2	–	10.7	24	-7.8	9	–	–	108	–	18	27	19	15	–	–	–	–	–	–	21	–	–	–	–	–	–
Harrogate (Bilton)	66	4.7	-1.0	1.9	-1.0	12.3	23	-9.6	9	–	–	78	139	22	27	18	12	9	17	0	0	0	2	19	22	–	0	1.15	55	–
High Mowthorpe	175	3.3	-1.7	0.8	-1.4	11.9	23	-8.7	9	–	–	87	147	27	27	19	13	8	16	0	0	0	8	19	–	–	0	–	–	–
Linton-on-Ouse	14	–	–	–	–	–	–	–	–	–	–	52	–	20	27	19	11	–	–	–	–	–	–	–	–	–	–	–	–	–
Leeming (A)	32	4.7	-0.8	1.9	(-1.3)	12.4	23	-10.6	14	2.5	4.1	61	132	18	27	17	13	12	11	0	4	0	1	16	24	20	0	1.75	–	–
Malham Tarn	381	2.3	-3.0	-0.3	-1.4	8.5	23	-8.1	10	1.6	–	(151)	–	48	23	17	15	9	22	0	0	0	9	25	26	–	0	1.57	–	–
Scarborough	110	4.4	0.2	2.3	–	12.6	23	-4.0	14	2.2	3.2	87	–	27	27	18	14	12	10	3	0	0	3	13	–	–	0	2.09	–	–
Whitby	41	5.3	0.4	2.9	(-0.8)	12.7	23,24	-3.9	9	2.6	4.2	72	–	25	27	19	10	13	9	3	6	0	0	13	18	–	1	1.74	79	–
Whitby Coastguard	60	5.1	0.1	2.6	(-0.9)	12.7	24	-4.5	14	–	–	64	–	25	27	16	10	9	8	0	3	0	–	14	19	19	1	–	–	–
Wycliffe Hall	120	–	-1.6	–	–	–	–	-8.2	14	–	–	85	–	15	21	17	13	9	15	0	0	0	1	22	–	–	0	–	–	–
Wykeham Forest	211	3.1	-0.1	1.5	–	11.0	24	-4.3	9	1.5	–	(97)	–	24	27	21	17	13	24	0	0	0	–	17	23	–	0	1.72	–	–
Humberside																														
Cleethorpes	23	5.4	0.5	2.9	–	15.1	23	-5.2	9	–	–	42	–	21	27	12	8	11	10	0	1	–	3	10	–	–	–	2.19	–	–
Hull	2	5.5	0.2	2.9	-1.0	14.0	23	-4.7	9	3.1	4.7	(68)	148	27	27	13	13	9	15	1	0	2	–	11	19	–	0	–	–	–
Lincolnshire																														
Coningsby (A)	6	4.7	-1.5	1.6	–	14.2	23	-8.8	14	–	–	36	–	15	27	14	8	12	10	1	1	0	3	18	24	21	0	–	–	–
Covenham	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cranwell (A)	62	4.5	-1.1	1.7	-1.4	14.5	23	-9.0	9	–	–	46	114	22	27	14	9	–	–	–	–	–	–	18	–	–	–	–	–	–
Driby	41	4.6	-1.2	1.7	–	14.0	23	-8.0	9	–	–	39	–	17	27	14	10	–	–	–	–	–	–	16	–	–	–	–	–	–
Kirton	4	4.5	-1.7	1.4	–	13.8	23	-11.5	14	3.7	5.5	41	–	12	27	15	9	9	9	0	0	0	3	16	22	–	1	1.99	–	–
Lincoln (Canwick)	7	5.0	-1.0	2.0	–	14.6	23	-9.7	14	4.1	6.1	(51)	–	23	27	12	10	10	10	0	0	0	7	16	22	–	0	–	–	–
Scampton	58	4.5	–	–	–	14.1	23	–	–	–	–	48	–	24	27	13	10	–	–	–	–	–	–	–	–	–	–	–	–	–
Skegness	5	4.8	-0.2	2.3	(-1.3)	14.2	23	-5.8	14	–	–	(33)	76	16	27	10	6	–	7	–	–	–	6	10	–	–	–	1.76	76	–
Waddington (A)	68	4.4	-1.0	1.7	-1.4	14.5	23	-8.7	9	2.8	3.9	63	147	24	27	13	11	11	10	0	3	0	5	16	22	22	0	1.69	74	–
3 EAST ANGLIA																														
Norfolk																														
Bressingham	30	4.2	-2.0	1.1	–	13.7	24	-11.5	13	–	–	(34)	–	(7)	14	15	10	8	14	0	0	1	7	19	23	21	0	–	–	–
Coltishall (A)	18	4.8	-1.1	1.9	(-1.6)	13.8	23,24	-8.3	9	–	–	32	71	7	14	14	7	10	8	0	1	0	3	18	21	19	0	–	–	–
Cromer	54	4.7	0.2	2.5	-1.2	14.2	24	-6.4	7	–	–	31	67	10	14	13	5	11	6	0	0	0	4	12	22	–	0	1.64	68	–
Denver	2	4.4	-2.0	1.2	–	13.6	23	-12.2	14	3.2	6.2	28	–	9	27	12	6	8	12	0	0	0	5	18	–	–	0	1.67	–	S
Hemsby (A)	13	4.3	-0.8	1.7	–	13.5	24	-7.1	13	3.8	5.1	38	–	8	14	15	11	12	8	0	2	0	6	15	22	19	0	1.87	–	–
Hunstanton	15	4.5	-0.3	2.1	–	12.1	23	-7.2	9	–	–	30	–	10	27	10	6	8	6	0	0	0	–	15	–	–	0	2.01	–	–
Marham (A)	21	4.4	-2.6	0.9	-2.4	13.3	23	-12.2	14	–	–	30	70	8	27	14	7	13	10	0	4	0	5	20	22	22	0	1.51	–	–
Morley St Botolph	46	4.0	-1.9	1.1	–	13.3	24	-11.4	10	2.6	–	44	–	11	7	14	8	8	12	0	0	0	6	17	21	–	0	1.62	–	–
Norwich Weather Centre	15	4.6	-0.3	2.1	–	13.5	24	-5.7	7	–	–	35	–	6	27	16	9	11	–	0	0	0	4	15	–	–	0	1.68	–	–
South Raynham	68	3.9	-1.3	1.3	–	12.8	23	-8.4	9,10	–	–	38	–	8	27	15	7	10	10	1	0	0	5	16	21	–	0	–	–	–
Terrington St Clement	2	4.3	-1.9	1.2	-2.2	13.4	23	-12.4	14	2.8	–	33	85	10	27	12	9	7	9	0	0	0	2	16	23	–	0	1.73	75	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average *	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average *	Exposure
3 EAST ANGLIA - Continued																													
Cambridgeshire																													
Boxworth	53	(4.3)	-1.9	1.2	(-2.3)	13.5	23	-9.6	9	–	–	22	–	7	27	10	4	5	9	0	0	0	10	19	23	–	0	1.54	(68)	-
Cambridge Botanic Garden	12	4.9	-1.9	1.5	-2.3	13.8	23	-10.0	14	3.1	5.0	29	83	8	7	11	8	6	11	0	0	0	2	20	24	–	0	–	–	-
National Institute of Agricultural Botany	24	4.6	-1.8	1.4	-2.4	13.7	23	-9.5	9	–	–	23	70	6	12	12	5	8	8	0	0	0	4	20	23	–	0	1.62	69	-
March	2	5.0	-1.4	1.8	–	14.0	23	-8.6	9,14	–	–	27	70	8	27	12	6	–	4	–	–	–	–	16	–	–	–	–	–	-
Marholm	21	5.2	-2.0	1.6	–	13.5	23	-9.5	14	–	–	37	–	17	27	10	7	5	8	0	1	0	1	20	23	–	0	–	–	-
Mepal	-2	4.8	-1.9	1.5	–	13.9	23	-11.7	9	4.1	8.2	23	–	6	27	10	6	6	8	0	0	0	6	16	23	–	0	1.45	–	-
Monks Wood	39	5.0	-2.2	1.4	(-2.0)	13.7	23	-12.6	9	2.7	4.2	39	–	17	27	11	6	9	11	0	0	0	3	21	23	–	0	1.80	–	-
Wittering	73	4.7	-1.4	1.7	-1.6	12.9	23	-9.3	9	–	–	43	–	24	27	16	7	–	–	–	–	–	–	17	–	–	–	–	–	-
Wyton (A)	40	4.5	-2.0	1.3	-2.3	13.6	25	-10.3	10	–	–	35	101	12	27	12	9	9	10	0	0	0	2	19	22	19	0	1.95	–	-
Suffolk																													
Brooms Barn	75	3.9	-1.9	1.0	(-2.3)	13.7	24	-10.0	10	2.3	3.8	47	–	13	7	15	9	9	11	0	0	0	6	18	21	–	0	1.47	(64)	-
Cavendish	55	4.0	-2.2	0.9	–	13.9	24	-8.3	9,15	2.9	–	42	–	19	7	15	7	10	10	0	0	0	6	21	20	–	0	1.56	–	-
East Bergholt	5	4.4	-2.3	1.1	-2.6	14.0	24	-11.1	10	–	–	42	113	9	8	17	8	8	14	0	0	0	2	18	22	–	0	–	–	-
Honington (A)	51	3.9	-2.3	0.8	–	13.7	24	-10.0	13	–	–	36	–	7	27	13	7	11	10	0	3	0	3	18	22	22	0	1.66	–	-
Levington	22	4.3	-1.4	1.5	–	13.4	24	-8.6	13	2.8	–	41	–	11	8	14	6	9	12	0	0	0	3	17	21	–	0	1.93	–	-
Lowestoft	25	4.1	-0.5	1.8	-1.9	14.7	24	-6.6	13	2.9	4.5	25	58	4	11	14	9	6	10	0	0	0	3	15	18	18	0	1.71	73	-
Wattisham (A)	89	3.5	-2.1	0.7	-2.4	14.2	24	-9.3	13	–	–	40	105	7	14	13	11	9	11	0	3	0	5	19	21	20	0	1.50	–	-
Westleton	10	4.2	-1.2	1.5	–	14.3	24	-7.6	13	–	–	(21)	–	7	14	12	7	11	11	0	0	0	4	15	18	–	0	–	–	-
Bedfordshire																													
Bedford (A)	85	4.2	-2.1	1.1	–	13.0	23	-8.9	9	–	–	60	163	29	27	14	7	–	–	–	–	–	–	20	–	–	–	–	–	-
Woburn	89	4.5	-2.4	1.1	-2.3	13.0	25	-9.2	10	2.9	5.2	44	106	22	27	11	8	6	8	0	0	0	3	21	23	–	0	1.99	92	-
Hertfordshire																													
Aldenham School	91	4.2	-2.3	0.9	–	12.5	25	-10.1	10	2.3	–	42	–	15	27	12	10	8	11	0	0	0	1	20	23	23	0	–	–	-
Rothamsted	128	3.9	-2.4	0.7	-2.4	12.1	23,25	-10.2	10	3.1	5.1	54	105	19	27	16	8	9	9	0	0	0	4	20	24	–	0	2.25	102	-
Stanstead Abbotts	30	(5.1)	(-2.2)	1.5	–	12.8	25	-10.3	10	–	–	40	–	8	7	13	9	–	10	0	0	0	–	19	–	–	0	–	–	-
Essex																													
Clacton-on-Sea	16	3.8	-1.4	1.2	-2.7	10.3	23	-7.8	14	3.8	5.5	37	103	7	8	13	9	8	11	0	0	0	2	17	–	–	0	1.64	65	-
Halstead	70	3.9	-1.7	1.1	–	14.8	24	-8.0	10	2.9	4.7	41	–	15	7	14	9	12	10	0	0	0	2	17	–	–	0	–	–	-
Rettendon	16	4.3	-1.7	1.3	–	13.4	24	-8.2	9	–	–	35	–	16	7	12	7	10	13	0	1	0	5	17	23	–	0	1.40	–	-
Shoeburyness																													
Landwick (A)	2	4.5	-0.9	1.8	–	13.6	24	-7.3	7,10	–	–	31	–	11	7	13	8	–	–	–	–	–	–	17	–	–	–	–	–	-
Southend	2	4.2	-0.8	1.7	–	12.5	24	-7.9	10	–	–	35	–	11	7	13	7	10	10	0	1	0	5	17	–	–	0	(1.48)	–	-
Stansted (A)	101	4.0	-2.6	0.7	-2.5	12.4	24	-12.9	14	3.0	–	46	110	11	12	15	11	13	11	0	4	0	5	20	23	20	0	–	–	-
Writtle	35	4.4	-2.8	0.8	-2.9	13.1	24	-10.6	9	3.5	–	51	126	20	7	13	10	10	12	0	0	0	6	21	23	–	0	1.32	61	-
4 MIDLAND COUNTIES																													
West Yorkshire																													
Bradford	134	4.9	-1.9	1.5	-1.4	13.8	25	-7.2	9	2.6	4.8	80	113	18	22	12	10	9	14	0	0	0	4	21	23	–	0	1.70	93	-
Bramham	54	4.4	-1.0	1.7	-1.2	12.6	23	-10.4	9	–	–	52	–	18	27	14	10	10	11	0	1	0	5	17	24	21	3	1.85	(91)	-
Emley Moor	259	3.4	-1.7	0.9	–	11.8	23	-7.5	9	–	–	95	–	20	7	14	9	9	19	–	–	–	–	21	20	–	–	–	–	-
Holme Moss	520	1.4	-3.2	-0.9	–	8.0	22,23, 25	-8.5	7,10	–	–	130	–	55	22	18	13	–	17	–	–	–	–	22	–	–	–	–	–	-
Leeds Weather Centre (X)	62	5.5	-0.1	2.7	–	13.0	24	-4.8	10	–	–	58	–	14	7	16	10	11	–	0	1	0	4	12	–	–	0	1.92	–	-
Wilsden (A)	262	3.4	-2.3	0.5	–	10.9	23	-10.2	9,10	–	–	97	–	24	22	16	12	12	20	0	0	0	7	22	26	25	0	–	–	-
South Yorkshire																													
Finningley (A)	10	5.1	-1.6	1.7	–	14.0	23	-10.6	10	2.7	–	42	–	18	27	12	9	10	10	0	2	0	4	19	23	22	0	1.95	–	-
Sheffield, Weston Park	131	4.8	(-0.3)	2.3	-1.3	12.7	24	-6.3	9	2.6	3.9	69	102	12	8	15	12	8	15	0	0	0	–	16	–	–	0	1.61	89	S
Derbyshire																													
Ashover	178	4.3	-1.8	1.3	–	12.2	23	-7.7	10	–	–	57	–	10	27	15	10	14	20	0	0	0	3	20	23	–	0	–	–	-
Buxton	307	3.2	-2.2	0.5	-1.3	10.2	23	-8.9	9	1.4	2.7	72	72	15	21	16	11	9	21	0	0	0	4	21	24	–	0	1.96	123	S
Wingerworth	116	4.6	-2.3	1.1	–	12.7	23	-11.4	14	2.7	–	51	–	11	27	14	8	10	13	0	0	0	5	21	24	23	0	1.80	–	S
Nottinghamshire																													
Clarborough	21	5.0	-1.5	1.7	–	13.6	24	-11.1	10	2.9	4.4	45	–	18	27	10	10	10	11	0	0	0	3	20	23	–	0	1.68	–	S
Keyworth	69	4.7	-1.1	1.8	–	14.4	23	-9.8	9	–	–	43	–	10	27	14	10	11	12	0	0	0	3	17	22	–	0	–	–	-
Southwell	70	4.2	-1.4	1.4	–	13.0	24	-9.5	9,10	2.9	4.3	46	–	16	27	13	11	–	9	–	–	–	1	15	22	–	–	1.43	–	S
Sutton Bonington	48	5.2	-1.3	1.9	-1.6	14.8	23	-10.2	9	3.6	4.7	27	62	7	27	15	8	9	12	0	0	0	1	18	23	22	0	1.66	80	-
Warsop	46	5.1	-2.1	1.5	-1.6	13.9	23	-14.7	9	–	–	40	87	16	27	12	8	6	10	0	0	0	6	20	23	–	0	1.61	76	-
Nottingham W.C. (A)	117	4.4	-1.7	1.3	-1.9	13.7	23	-9.0	9	2.8	–	45	84	11	27	14	10	13	13	0	5	0	5	18	23	23	0	1.57	86	-
Wiseton	6	4.7	-2.4	1.1	–	13.5	23	-13.4	14	–	–	41	–	19	27	11	10	8	10	0	0	0	2	21	–	–	0	1.73	–	-
Staffordshire																													
Cellarhead	228	3.6	-2.8	0.4	–	10.6	23	-13.0	10	–	–	43	–	7	21	14	12	11	10	–	–	–	–	22	23	23	–	–	–	-
Keele (A)	179	4.3	-1.5	1.4	-1.4	11.8	23	-7.5	10	2.1	4.2	28	53	6	27	10	9	8	9	0	0	0	4	19	23	23	0	1.75	86	-
Penkridge	101	–	(-2.1)	–	–	–	–	-10.5	10	2.7	–	29	60	8	7	9	7	5	7	0	0	0	6	18	22	–	0	1.34	–	-
Leicestershire																													
Brooksby Hall	70	4.6	-2.8	0.9	–	12.7	23	-15.1	14	3.2	–	34	–	12	27	11	7	6	9	0	0	0	5	20	24	–	0	1.52	–	-
Caldecott	53	4.8	-2.1	1.3	-1.8	13.5	23	-10.5	10	–	–	49	120	19	27	11	8	9	8	0	1	0	2	20	22	–	0	1.68	84	S
Cottesmore	138	4.0	-1.8	1.1	–	13.0	23	-11.3	10	–	–	42	–	22	27	14	7	–	–	–	–	–	–	18	–	–	–	–	–	-
Newtown Linford	119	4.7	-1.8	1.5	-1.5	12.7	25	-9.9	14	–	–	42	88	15	7	15	10	8	11	0	0	0	4	20	23	–	0	1.70	85	S
Shropshire																													
Edge	126	5.1	-1.9	1.6	–	12.1	23	-10.3	10	–	–	38	–	13	21	9	7	8	8	0	0	0	1	21	25	–	2	–	–	-
Ludlow College	107	5.1	-2.0	1.5	–	12.0	23,24	-9.6	10	–	–	44	–	11	22	16	10	9	10	0	0	0	11	21	–	–	0	–	–	-
Nethercott	150	5.0	-2.1	1.5	–	12.0	23	-9.3	14	–	–	38	–	9	7	11	11	9	10	0	0	0	6	18	24	–	1	–	–	-
Newcastle-on-Clun	210	4.7	-2.5	1.1	–	10.9	22,23	-11.2	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21	–	–	–	–	–	-
Oswestry School	139	5.3	-0.7	2.3	–	11.7	23	-6.1	7,8	–	–	53	–	23	22	9	6	8	3	0	0	0	1	17	–	–	0	–	–	-
Pennerley	357	3.1	-2.6	0.3	–	8.6	26,28	-9.7	9	–	–	(56)	–	21	21	10	8	3	16	0	0	0	6	22	24	–	0	–	–	-
Preston Montford	67	–	-1.6	–	–	–	–	-10.3	10	2.4	3.7	33	–	12	21	10	7	5	–	0	0	0	1	19	(25)	–	0	2.03	–	S
Shawbury (A)	72	5.3	-2.4	1.5	-1.9	12.6	23	-9.0	10	3.1	–	32	74	8	21	12	7	10	6	0	3	1	3	21	23	21	0	2.13	100	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min below 0 deg C	Concrete min below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
4 MIDLAND COUNTIES - Continued																														
West Midlands																														
Birmingham Elmdon Airport (A)	98	4.9	-2.3	1.3	-2.0	13.2	23	-10.1	12	—	—	26	53	8	7	12	8	13	9	0	2	0	1	20	24	24	0	2.10	100	-
Winterbourne	140	4.7	-1.7	1.5	—	13.4	23	-8.4	14	2.7	4.1	46	—	22	7	12	9	10	16	0	0	0	2	20	24	21	1	2.46	—	-
Halesowen	155	5.1	-2.5	1.3	-2.0	12.6	25	-10.1	14	2.6	5.3	33	63	11	7	13	10	9	9	0	0	0	2	21	25	25	0	2.33	114	S
Walsall	163	4.9	-1.6	1.7	-1.5	13.8	23	-9.3	10	—	—	40	—	18	7	13	8	5	13	0	0	0	—	18	24	—	0	—	—	-
Warwickshire																														
Coventry (Bablake)	93	4.9	-1.2	1.9	—	12.7	23	-7.5	10	2.5	4.1	33	—	10	7	14	9	10	9	0	1	0	1	16	24	23	0	2.22	—	-
Rugby	117	4.5	-1.6	1.5	(-1.8)	12.8	23	-9.1	10	2.4	3.9	25	57	7	7	10	9	9	8	0	0	0	—	19	22	20	0	—	—	-
Stratford-upon-Avon	49	5.1	-2.7	1.2	-2.3	12.4	25	-12.2	10	3.3	—	23	57	6	7	11	7	—	8	—	—	—	4	21	24	—	—	2.04	99	S
Wellesbourne	47	5.1	-2.0	1.5	-2.0	14.6	23	-11.6	10	2.5	3.5	21	54	4	7	13	8	9	8	0	0	0	4	19	23	20	0	2.31	109	-
Northamptonshire																														
Moulton Park	122	4.3	-1.9	1.2	—	12.7	25	-9.0	10	2.7	4.4	36	—	15	27	11	7	6	9	0	1	0	—	19	23	—	0	2.20	—	S
Raunds	59	4.8	-1.7	1.5	-1.8	12.9	23,25	-9.6	14	2.7	5.5	54	128	29	27	13	8	9	8	0	0	0	2	19	24	—	0	—	—	S
Hereford & Worcester																														
Astwood Bank	139	4.6	-2.2	1.2	—	12.0	23,25	-10.2	10	—	—	33	—	14	7	12	8	7	11	0	0	0	5	20	22	—	0	—	—	-
Barbourne	25	6.3	-2.6	1.9	—	13.8	23	-14.6	10	—	—	29	—	11	7	10	5	8	10	0	0	0	5	22	25	—	1	—	—	-
Batchley Farm	247	3.7	-1.9	0.9	—	12.1	23	-9.1	10	2.6	—	38	—	12	21	14	10	9	10	0	0	0	—	19	22	—	0	—	—	-
Great Malvern	44	5.8	-1.7	2.1	—	13.4	23	-8.7	14	—	—	34	—	11	7	15	9	7	—	—	—	—	—	19	—	—	—	—	—	-
Lyonshall	155	4.7	-1.6	1.5	-1.8	11.2	26	-8.0	10	—	—	41	63	12	22	12	9	—	1	—	—	—	—	19	25	—	—	—	—	-
Madley	77	5.6	-2.3	1.7	—	13.0	23	-14.0	10	—	—	46	—	13	7	13	8	—	—	—	—	—	—	19	20	—	—	—	—	S
Malvern	62	5.7	-1.2	2.3	-1.8	13.1	23	-7.3	14	2.7	5.1	34	72	11	7	16	9	8	9	0	0	0	2	18	24	—	0	2.06	97	S
Pershore College of Hort	40	5.3	-2.1	1.6	-2.3	12.0	22,23	-9.0	10	—	—	23	60	8	7	14	9	7	9	0	0	0	4	21	24	—	1	—	—	S
Preston Wynne	84	5.1	-2.4	1.3	-2.2	13.3	23	-11.7	14	—	—	(36)	77	(11)	7	12	9	—	9	—	—	—	1	19	23	—	—	1.97	86	-
Ross on Wye	67	5.9	-1.4	2.3	-1.8	12.6	23	-9.6	10	3.5	—	42	82	13	22	13	8	4	7	0	0	0	2	19	22	—	0	2.08	93	-
Gloucestershire																														
Cheltenham	65	5.2	-1.8	1.7	-2.4	12.6	23	-8.1	10	—	5.2	61	132	10	7,22	16	12	6	8	0	0	0	0	18	—	—	2	2.88	127	-
Cirencester	135	4.6	-2.4	1.1	—	12.5	23	-9.0	10	3.2	—	(39)	—	11	22	12	10	6	—	0	0	0	—	21	24	—	0	—	—	-
Didbrook Fields	80	5.0	-2.4	1.3	—	12.8	23	-13.3	10	—	—	(23)	—	5	12	12	8	6	0	0	0	0	5	19	—	—	0	—	—	-
Randwick	200	4.2	-1.8	1.2	—	11.7	23	-9.1	10	2.6	—	43	—	15	22	13	12	6	10	0	0	0	6	18	23	—	1	—	—	-
Slimbridge	5	5.6	-1.9	1.9	—	12.8	23	-11.8	10	—	—	51	—	25	22	11	9	7	7	0	0	0	4	19	24	—	0	—	—	-
Westonbirt	122	4.5	-2.8	0.9	—	12.7	23	-10.7	10	2.7	4.7	43	—	14	22	11	11	11	15	0	0	0	6	21	24	—	0	2.10	—	S
Oxfordshire																														
Benson (A)	67	4.6	-2.3	1.1	—	12.8	23	-10.8	10	—	—	25	65	5	27	10	8	—	—	—	—	—	—	19	—	—	—	—	—	-
Brize Norton (A)	81	4.7	-2.3	1.2	-2.4	12.3	23	-8.7	14	2.9	—	25	—	5	12	12	7	10	8	0	0	0	6	21	23	21	0	2.03	—	-
Oxford (A)	63	4.7	-1.6	1.5	-2.6	12.5	23	-7.9	7	2.6	4.4	21	49	4	27	11	6	6	7	0	0	0	7	18	22	21	0	2.14	90	-
Shirburn (Model Farm)	108	4.6	-2.6	1.0	—	12.3	23	-10.8	10	2.3	4.0	30	—	7	7	14	8	8	8	0	0	0	7	21	24	—	0	—	—	-
Wallingford	48	4.9	-2.6	1.1	(-2.6)	13.1	23	-10.6	10	2.9	—	26	—	6	27	11	8	6	9	0	0	0	—	21	24	—	0	2.06	(89)	S
Buckinghamshire																														
Grendon Underwood	67	4.9	-3.2	0.9	-2.3	12.7	23,25	-10.6	10,14	—	—	(27)	67	(8)	7	7	6	—	8	0	0	0	8	20	—	—	0	—	—	-
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	5.2	-2.1	1.5	(-3.1)	13.7	24	-9.4	10	—	—	35	91	7	27	13	9	7	10	0	0	0	4	19	21	—	0	1.64	86	-
Hampstead	137	4.3	-1.1	1.6	-2.1	12.9	25	-8.5	7	—	—	47	—	13	7	16	9	9	12	0	0	0	3	18	24	—	0	—	—	-
Heathrow Airport (A)	25	5.4	-1.3	2.1	-2.2	12.5	24	-8.9	10	—	—	35	91	14	27	14	7	8	8	0	0	0	2	16	23	22	0	1.73	78	-
Kew Royal Botanic Gardens	6	5.2	-1.1	2.1	—	13.0	25	-10.9	10	3.0	4.7	43	108	15	27	13	9	8	10	0	0	0	3	17	23	23	0	1.56	—	S
London Weather Centre (A) (X)	77	5.8	1.0	3.4	—	13.9	25	-6.8	7	—	—	36	—	9	7	13	9	9	—	0	0	0	0	13	—	—	0	1.81	—	-
Northolt	34	5.0	-1.6	1.7	—	12.5	23	-9.7	10	—	—	42	—	16	27	13	9	8	9	0	2	0	3	18	22	21	0	—	—	-
Northwood	85	4.6	-1.5	1.5	—	12.4	25	-8.4	10	—	—	46	—	17	27	13	10	7	9	0	0	0	3	17	—	—	0	—	—	-
St James's Park	9	5.5	0.4	2.9	-2.1	13.5	25	-8.3	10	(3.6)	(5.5)	43	106	11	7	13	9	—	10	—	—	—	—	15	—	—	—	—	—	-
Waltham Cross	32	4.9	-3.8	0.5	—	13.1	24	-11.0	10	3.2	—	38	—	9	27	13	10	—	10	—	—	—	—	21	(23)	—	—	—	—	S
Wiltshire																														
Boscombe Down (A)	126	4.5	-1.8	1.3	-2.4	11.1	23	-9.6	7	—	—	28	54	9	22	14	6	—	—	—	—	—	—	19	—	—	—	—	—	-
Lacock	49	5.1	-3.0	1.1	-2.6	12.4	23	-9.3	10	—	—	27	54	10	22	9	8	7	5	0	0	0	4	20	23	—	0	—	—	-
Larkhill	132	4.4	-2.4	1.0	-2.6	11.3	23	-10.5	7	—	—	34	—	13	22	12	6	—	—	—	—	—	—	19	—	—	—	—	—	-
Lyneham (A)	145	4.3	-2.3	1.0	-2.4	12.1	26	-9.4	10	—	—	32	67	11	22	12	8	10	7	0	0	0	8	21	24	21	0	2.37	97	-
Marlborough	129	5.0	-2.9	1.1	-2.2	12.3	23	-10.5	10	—	—	45	77	13	22	11	9	6	10	0	0	0	3	20	—	—	0	1.88	(84)	S
Netheravon	129	4.2	-3.0	0.6	—	11.0	23	-10.8	10	—	—	33	—	14	22	13	8	—	—	—	—	—	—	22	—	—	—	—	—	-
Berkshire																														
Arborfield	49	4.8	-2.5	1.1	—	12.0	23	-9.6	9,12	—	—	29	—	9	27	11	8	6	9	0	0	0	8	19	23	—	0	1.97	—	-
Easthampstead	74	4.7	-2.5	1.1	—	11.8	25	-10.1	10	2.1	4.1	36	—	13	27	13	8	8	9	0	0	1	4	20	23	23	0	2.04	—	-
Hurley	43	4.8	-2.0	1.4	-2.4	12.9	23	-8.5	9	2.5	—	38	85	13	27	12	8	8	8	0	1	0	5	19	22	—	0	1.90	86	S
Lambourn (Warren Farm)	192	3.4	-2.0	0.7	—	10.7	23	-8.2	7	2.2	—	31	—	7	22	13	8	—	16	—	—	—	—	19	—	—	—	—	—	-
Reading	66	4.9	-1.4	1.7	—	12.2	23	-7.9	7	2.7	4.4	30	—	10	27	12	6	7	9	0	0	0	5	19	23	21	0	1.89	—	S
Surrey																														
Merrist Wood	45	4.9	-1.6	1.7	—	11.6	23	-7.4	8	2.5	—	38*	—	14	27	14	7	7	8	0	0	0	2	19	23	—	0	1.86	—	S
Mickleham	55	4.9	-3.0	0.9	-2.6	12.0	23	-11.0	8	2.9	4.5	37	69	11	27	12	7	7	10	0	0	0	6	21	23	—	0	—	—	-
Wisley	32	5.1	-1.2	1.9	-2.2	12.0	23	-9.2	7	3.0	4.9	39	92	14	27	15	7	8	10	0	0	0	11	18	24	—	2	1.76	80	-
Kent																														
Anvil Green	139	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Charing	91	4.3	-1.6	1.3	—	13.1	24	-10.1	7	—	—	27	—	5	14	13	9	—	10	—	—	—	—	18	—	—	—	—	—	-
East Malling (A)	33	4.9	-1.4	1.7	-2.3	13.5	24	-9.5	7	2.8	4.5	40	87	11	12	12	9	9	10	0	1	0	3	17	24	21	0	1.99	88	-
Edenbridge	45	5.0	-2.7	1.1	—	13.1	24	-10.9	10	—	—	31	—	6	12	12	9	0	0	0	0	0	—	18	—	—	0	—	—	S
Elmstone	5	5.1	-1.6	1.7	—	13.8	24	-9.3	7	—	—	27	—	11	7	13	7	7	10	0	0	0	5	17	—	—	0	—	—	-
Folkestone	31	4.3	-0.3	2.0	—	10.9	24	-8.1	7	—	5.0	34	—	7	8	13	8	8	11	0	0	0	1	16	18	—	0	2.89	107	-
Goudhurst	85	4.4	-2.0	1.2	-2.3	12.6	24	-9.9	7	—	—	44	68	13	12	14	9	6	11	0	0	0	3	19	22	—	0	—	—	-
Hadlow College	27	5.4	-1.6	1.9	—	13.3	24	-10.5	16	3.7	(5.6)	30	—	6	14	11	6	4	10	0	0	0	1	18	22	—	0	1.31	—	S
Herne Bay	27	4.5	-1.0	1.7	—	13.7	24	-8.9	7	3.4	5.9	30	—	6	8	14	9	9	10	0	0	0	—	18	19	19	0	2.45	—	-
Manston (A)	44	4.4	-1.0	1.7	-2.3	12.9	23	-8.3	7	3.1	—	18	46	4	8	11	6	11	8	0	3	0	5	16	18	19	0	2.24	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

February 1991

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																														
Kent - Continued																														
Margate, North Down	40	(4.5)	(0.1)	2.3	–	12.9	23	-7.6	7	(3.5)	(5.2)	20	–	4	8	12	6	7	9	0	0	0	5	15	(19)	–	0	–	–	–
Ulcombe	47	4.6	-2.2	1.2	–	13.6	24	-9.5	7	–	–	24	–	7	12	11	8	8	10	0	1	0	4	18	21	20	0	2.10	–	S
Wye	56	4.5	-1.8	1.3	-2.5	13.2	24	-9.8	10	3.9	5.4	31	55	6	7	14	10	9	9	0	0	0	13	17	22	–	0	2.25	96	-
Hampshire																														
Alice Holt Lodge	115	4.6	-2.3	1.1	-2.4	10.5	23	-10.5	7	–	–	46	83	13	22	16	8	7	8	0	0	0	2	20	24	–	0	2.21	95	-
Butser, Windmill Hill	160	4.8	-1.6	1.6	–	11.4	24	-10.0	8	2.4	3.9	55	–	15	14	9	8	4	8	0	0	0	1	19	24	–	0	–	–	-
Everton	16	5.1	-0.5	2.3	-2.2	10.0	15	-8.4	7	–	–	29	53	11	22	11	8	5	3	0	0	0	6	16	22	–	0	2.76	101	-
Hayling Island	4	4.8	-0.4	2.2	-2.4	11.0	23	-8.9	7	–	–	28	54	7	22	9	7	5	0	0	0	0	3	16	–	–	0	–	–	-
Kingsclere, Strattons Farm	102	4.4	-2.5	0.9	–	11.2	23	-8.9	7	–	–	41	–	16	22	14	7	5	8	0	0	0	5	20	23	–	0	–	–	-
Leckford	117	4.4	-2.2	1.1	-2.5	11.0	23	-10.3	7	2.4	–	38	67	13	22	13	10	3	7	0	0	0	3	21	–	–	0	2.25	93	-
Long Sutton	145	4.2	-2.0	1.1	(-2.3)	10.3	23	-9.6	10	2.5	4.7	50	90	17	22	11	10	7	8	0	0	0	1	20	24	23	0	1.90	84	-
Martyr Worthy	84	4.7	-2.3	1.2	(-2.5)	11.3	23	-10.4	10	–	–	45	–	15	22	15	9	4	8	0	0	0	2	19	23	–	0	–	–	-
Middle Wallop	90	4.8	-1.9	1.5	–	10.5	23	-9.6	7	–	–	34	–	13	22	11	7	–	–	–	–	–	–	19	–	–	–	–	–	-
Odiham	118	4.4	-2.0	1.2	–	10.8	23	-9.5	7	–	–	43	–	13	22	15	10	11	8	–	–	–	–	19	22	21	–	2.10	–	-
Otterbourne	34	5.5	-2.0	1.7	–	12.1	23	-9.4	7	2.6	4.5	39	–	12	22	10	9	–	1	–	–	–	–	20	22	–	–	–	–	-
Solent M R S C	9	5.2	–	–	–	10.7	23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20	–	–	–	–	-
Southampton Mayflower Park	3	5.6	-0.6	2.5	–	11.1	23	-8.6	7	3.9	6.8	29	–	10	22	9	7	6	4	0	0	0	3	17	21	22	0	2.56	–	S
Weather Centre (X)	19	5.5	-0.2	2.7	–	11.3	23	-8.4	7	–	–	33	–	11	22	12	6	6	–	0	0	0	3	17	–	18	0	–	–	-
South Farnborough	69	5.1	-2.7	1.2	-2.6	11.5	23,24	-11.4	10	–	–	33	–	13	27	10	7	–	–	–	–	–	–	20	–	–	–	–	–	-
Southsea	2	5.2	0.0	2.6	-2.4	11.0	23,24	-8.6	7	3.8	6.0	33	62	10	27	9	6	5	3	0	0	0	3	16	21	–	0	2.80	103	-
Sparsholt	113	4.4	-2.3	1.1	–	12.0	26	-12.0	10	–	–	43	70	15	22	13	9	7	6	0	0	0	2	21	22	–	0	–	–	S
Isle of Wight																														
Ryde	4	5.1	0.9	3.0	-2.1	11.4	23,24	-7.2	7	–	–	37	63	13	22	7	6	5	0	0	0	0	3	10	–	–	0	2.47	93	-
St Catherines Point	16	4.9	0.6	2.7	–	9.1	24	-8.0	7	–	–	24	43	8	22	11	8	–	–	0	1	0	2	10	–	–	0	–	–	-
Sandown	4	5.0	0.1	2.5	-2.6	11.2	23	-7.7	7	–	–	41	–	12	22	8	7	5	0	0	0	1	0	13	–	–	0	3.19	112	-
Shanklin	55	4.9	-0.5	2.2	-2.5	10.2	23,24	-7.9	7	–	–	37	56	12	22	12	8	5	2	0	0	0	3	17	–	–	0	3.00	103	-
Ventnor Park	135	5.0	0.5	2.7	-2.2	9.2	24	-8.1	7	3.4	–	27	42	7	14,22	10	6	4	4	0	0	0	3	11	–	–	0	3.23	109	-
Wellow	25	5.0	-0.8	2.1	–	10.3	23	-8.4	7	–	–	31	–	11	22	10	7	–	–	–	–	–	–	19	20	–	–	–	–	-
West Sussex																														
Bognor Regis	7	4.2	-0.5	1.9	-2.6	8.7	15	-9.2	7	–	6.0	32	57	10	27	12	6	4	6	0	0	0	3	16	20	–	0	3.40	117	-
Gatwick Airport (A)	59	4.8	-2.4	1.2	-2.4	11.3	24	-12.1	10	3.0	–	46	83	9	27	17	11	9	10	1	1	0	2	18	23	22	0	2.18	93	-
Rogate	64	4.8	-1.9	1.5	–	11.8	23	-11.2	8	3.2	–	52	–	18	22	10	8	0	0	0	0	0	9	17	23	–	0	(1.68)	–	S
Rustington	3	4.8	-1.1	1.9	–	10.4	24	-9.2	7, 9	–	5.6	38	–	9	27	13	8	6	7	0	0	0	4	17	21	–	0	3.14	–	-
Worthing	2	4.8	-0.8	2.0	–	9.6	23,24	-9.0	7	3.2	–	41	–	12	12	10	7	6	7	0	0	0	3	18	21	–	0	3.00	104	-
East Sussex																														
Bexhill	4	4.6	-0.5	2.1	-2.4	9.1	24	-8.4	7	3.3	6.1	38	67	13	12	12	9	6	10	0	0	0	8	17	18	–	0	2.03	76	-
Brede	82	4.2	-1.6	1.3	–	11.3	24	-10.1	7	–	–	38	–	11	12	12	8	–	9	–	–	–	–	17	–	–	–	–	–	-
Brighton	116	(4.4)	-1.0	1.7	–	9.5	24	-9.9	7	–	–	37	–	9	12	10	8	7	7	0	0	0	7	17	22	–	0	2.57	–	-
Eastbourne	7	4.8	0.3	2.5	-2.3	11.2	24	-7.5	7	4.0	6.3	41	70	15	12	10	9	9	9	0	0	0	3	15	19	–	0	2.75	98	-
East Hoathly	38	4.9	-2.3	1.3	–	11.9	24	-10.4	10	–	–	48	–	18	12	12	7	9	11	–	–	–	–	19	20	20	–	2.02	–	-
Hastings	45	4.1	-0.4	1.9	-2.6	10.1	24	-8.8	7	3.9	5.8	38	71	12	12	13	10	9	10	0	0	0	3	15	18	18	0	2.62	96	-
Herstmonceux (A)	17	4.4	-1.5	1.5	–	11.7	24	-9.8	10	–	–	37	–	17	12	11	9	9	10	0	2	0	3	16	20	19	0	2.35	–	-
Plumpton	76	4.8	-1.6	1.6	–	11.0	24	-9.6	7	–	–	50	68	14	22	12	7	5	10	0	0	0	7	17	22	–	0	2.00	–	-
7A ENGLAND NW & I.o.M.																														
Cumbria																														
Aspatria	61	5.1	-1.3	1.9	–	11.0	25	-7.1	11	–	–	70	–	19	21	13	8	11	5	0	0	0	2	19	20	–	3	2.99	–	-
Carlisle (A)	26	5.3	-0.9	2.2	-1.2	11.4	25,26	-7.4	14	–	–	78	144	20	23	15	8	–	–	–	–	–	–	18	–	–	–	–	–	-
Casterton	129	4.4	-1.6	1.4	–	10.7	26	-6.7	14	–	–	121	–	35	22	15	11	8	8	0	0	0	2	21	24	–	0	–	–	-
Eskmeals (A)	8	–	-0.5	–	–	–	–	-5.1	11	3.2	4.9	73	–	18	21	15	8	8	–	0	0	0	0	18	–	–	0	–	–	-
Grizedale	91	4.8	-2.3	1.3	–	9.6	26	-7.2	14	2.1	–	142	128	37	22	11	9	5	14	0	0	0	0	21	24	–	0	–	–	-
Newton Rigg	171	4.3	-1.8	1.3	-1.3	10.3	23	-8.6	14	1.5	–	76	136	21	23	15	10	11	10	0	0	0	0	20	25	–	0	1.62	70	S
Sellafield (A)	22	(5.7)	(0.1)	2.9	–	11.0	26,27	-5.3	11	–	–	76	–	21	21	12	10	–	–	–	–	–	–	16	(20)	–	–	2.82	–	-
Stainburn	26	5.8	-1.4	2.2	–	11.7	25	-7.5	12	2.1	–	76	–	23	21	15	9	5	4	0	0	1	–	18	24	20	0	–	–	-
Whins Pond	125	–	–	–	–	–	–	–	–	–	–	84	–	22	21	18	11	–	–	–	–	–	–	–	–	–	–	–	–	-
Lancashire																														
Aughton (A)	54	5.2	-0.6	2.3	–	12.4	23	-5.4	10	2.6	4.0	46	–	18	21	16	10	7	11	0	3	0	3	18	19	19	0	2.49	–	-
Hazelrigg	95	4.8	-1.0	1.9	–	10.8	23,26	-5.7	10	2.4	4.3	69	–	20	21	13	8	10	4	0	0	0	3	19	23	21	0	2.59	–	-
Lathom Park	55	5.3	-0.7	2.3	–	12.5	23	-5.5	7	2.7	–	54	–	24	21	13	10	5	3	0	0	0	–	16	–	–	1	1.96	–	S
Morecambe	7	5.2	-0.3	2.5	-1.4	11.3	23	-4.6	14	–	–	69	115	20	21	16	9	5	4	0	0	0	1	16	–	–	0	2.55	101	-
Myerscough	14	6.0	-1.1	2.5	–	12.0	23	-5.9	14	2.1	4.2	65	–	23	21	13	8	8	6	0	0	0	–	18	24	–	0	2.32	–	S
Preston	33	5.6	-1.0	2.3	-1.5	12.3	23	-5.4	14	–	–	57	95	21	21	15	9	8	4	0	1	0	0	18	–	–	0	–	–	-
Slaidburn	192	4.2	-2.0	1.1	-1.3	10.1	26	-7.5	10	–	–	147	150	49	23	13	8	8	14	0	0	0	–	21	22	–	0	2.32	113	S
Squires Gate Airport (A)	10	5.2	-1.6	1.8	-2.0	11.4	26	-6.7	14	–	–	56	101	16	21	13	10	7	6	0	2	0	4	18	21	19	0	2.57	101	-
Merseyside																														
Aigburth (A)	12	5.8	-0.2	2.8	–	13.2	23,25	-4.4	7	–	–	34	–	16	21	13	7	6	4	0	0	0	2	17	23	21	0	–	–	-
Bidston	60	5.4	0.7	3.1	–	13.2	23	-3.7	7	–	–	37	76	13	21	15	9	6	2	0	1	0	3	11	20	–	0	2.59	–	S
Crosby	6	5.1	-1.3	1.9	–	11.4	26	-7.3	7	–	–	58	–	16	21	16	12	–	–	0	0	0	0	18	–	–	1	–	–	-
Southport, Greenbank	15	5.1	-0.6	2.3	–	11.7	23	-5.0	7	2.2	3.1	(53)	–	17	21	17	10	4	11	0	0	0	1	16	19	19	0	2.14	–	-
Greater Manchester																														
Bolton	107	4.8	–	–	–	13.6	26	–	–	–	–	69	–	18	22	13	10	10	9	0	0	0	4	–	–	–	0	–	–	S
Manchester Ringway Airport (A)	75	5.7	-1.5	2.1	-1.6	12.7	23	-6.7	10	–	–	29	55	8	21	14	5	9	7	0	4	0	1	19	22	22	0	2.58	117	-
Cheshire																														
Bradeley Green	115	4.9	-1.2	1.9	–	11.6	23	-7.1	7	–	–	31	–	10	21	10	7	7	–	0	0	0	0	18	19	–	0	–	–	-
Delamere Forest	68	5.5	-2.1	1.7	–	13.3	23	-8.5	14,15	–	–	35	–	16	21	9	8	5	5	0	0	0	–	20	25	–	0	–	–	-
Knutsford	65	5.5	-1.3	2.1	(-1.5)	12.8	23	-6.3	10	2.4	3.6	25	–	8	21	12	6	8	9	0	0	0	–	20	23	–	0	–	–	-
Macclesfield	143	5.2	-1.5	1.9	-1.2	11.5	23	-6.6	10	–	–	40	66	8	21	13	10	8	11	0	0	0	3	19	–	–	0	–	–	-
Nantwich, Reaseheath Hall	40	5.8	-1.8	2.0	–	12.5	23	-8.0	10	–	–	23	–	7	21	10	8	6	5	0	0	0	3	21	24	–	0	–	–	-
Ness Gardens	30	5.8	-0.6	2.6	–	14.0	23	-5.1	7	3.1	–	30	–	14	21	14	8	7	2	0	0	0	1	18	25	–	1	2.75	–	S

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

February 1991

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of * 1951-80 average	Exposure
7A ENGLAND NW & I.o.M. - Continued																														
Isle of Man																														
Douglas	85	5.2	0.7	2.9	-1.5	9.0	22,23	-2.5	17	–	–	72	86	19	21	17	12	6	2	0	0	0	0	11	19	–	0	2.10	81	–
Point of Ayre (A)	9	5.9	1.5	3.7	-1.1	12.4	22	-2.7	14	–	–	52	89	16	21	15	11	7	1	0	0	0	0	3	–	–	1	2.83	102	–
Ronaldsway Airport (A)	16	6.2	0.6	3.4	-1.3	9.4	22,23, 26	-3.0	17	–	–	49	79	17	21	16	8	7	2	0	3	0	0	14	19	15	0	2.56	98	–
7B WALES N																														
Gwynedd																														
Aber	10	6.7	(0.6)	3.7	–	13.0	25,26	-4.0	7	3.1	–	47	–	17	22	13	8	5	0	0	0	0	0	13	–	–	0	2.71	–	S
Amlwch, Anglesey	114	5.5	0.4	2.9	–	11.0	25	-4.1	7	–	–	47	–	12	21	15	12	5	3	0	0	0	1	12	19	–	2	–	–	–
Arthog, Fegla Fach Farm	7	6.4	-0.4	3.0	–	14.2	25	-6.6	10	–	–	86	–	23	21	13	11	5	0	0	0	0	1	18	–	–	1	–	–	–
Bala	163	4.9	-2.9	1.0	–	11.1	23	-11.6	10	2.3	3.6	112	120	68	22	17	11	7	5	0	0	0	2	20	25	25	0	1.76	–	–
Betws-y-Coed	20	(5.9)	-1.9	2.0	–	12.7	25	-7.3	7	2.4	4.3	125	–	59	22	16	11	6	5	0	0	0	0	19	(26)	(26)	0	–	–	–
Botwnnog	34	6.5	0.7	3.6	–	11.1	24	-4.3	8	3.9	6.1	53	–	13	14	17	10	2	1	0	0	0	0	14	21	–	0	–	–	–
Dinorwic	296	(4.3)	(-0.5)	1.9	–	10.4	25	-6.6	8	–	–	119	–	39	22	17	14	7	12	0	0	0	–	17	23	–	0	–	–	–
Llanymawddwy	145	5.1	-1.7	1.7	–	10.7	23	-10.0	10	–	–	220	–	133	22	18	10	10	7	0	4	0	3	17	21	–	0	–	–	–
Nantmor	58	6.1	-0.3	2.9	–	12.5	25	-5.5	10,11	–	–	128	–	35	22	16	12	9	6	0	1	0	1	16	–	–	0	–	–	–
Pen-y-Ffridd	84	6.6	0.1	3.3	-1.3	14.0	25	-5.0	10,11	–	–	46	57	11	21	15	11	3	2	0	0	0	1	16	25	–	2	2.74	107	S
Trawsfynydd (A)	193	5.0	-1.5	1.7	–	12.3	25	-7.6	10	–	–	105	–	35	22	18	12	9	10	0	1	0	0	18	23	20	1	–	–	–
Valley (A)	10	6.4	0.4	3.4	-1.6	11.7	25	-4.9	10	4.3	–	43	69	11	21	17	12	6	5	0	1	0	0	14	18	16	3	3.30	114	–
Clwyd																														
Alwen	335	3.3	-3.6	-0.1	-1.6	9.6	22	-10.6	10	–	–	114	119	54	22	16	10	9	16	0	0	0	0	23	25	–	0	–	–	–
Colwyn Bay	36	6.4	0.3	3.3	–	13.0	25	-4.4	8	3.7	–	38	–	14	21	13	8	5	1	0	3	0	0	13	–	–	0	3.23	–	–
Cynwyd	208	4.2	-2.2	1.0	–	11.0	23	-9.4	10	–	–	92	–	50	22	15	12	9	–	0	2	0	1	20	24	–	1	–	–	–
Hawarden Bridge	5	6.1	-0.6	2.7	-1.5	14.2	23	-6.1	14	–	–	30	60	14	21	16	6	5	3	0	0	0	2	16	–	–	0	–	–	–
Llanarmon Dyffryn Ceiriog	267	3.8	-2.4	0.7	–	10.5	23	-7.7	14	–	–	95	–	45	22	14	12	11	15	2	0	0	4	22	–	–	0	–	–	–
Loggerheads	210	4.7	-2.6	1.1	-1.5	11.0	25	-8.8	10	2.4	3.7	46	69	10	22	15	11	7	14	0	0	0	2	22	24	–	0	2.24	–	S
Moel-y-Crio	263	3.8	-1.7	1.1	–	10.9	25	-7.7	10	2.6	–	44	–	13	21	16	11	–	15	0	2	0	6	20	22	–	1	2.85	–	–
Prestatyn	4	5.9	0.6	3.3	-1.3	12.7	23	-4.0	7	–	–	28	58	9	21	15	8	4	2	0	0	0	1	14	–	–	0	–	–	–
Ruthin	76	6.0	-1.1	2.5	(-1.3)	12.5	23	-7.0	10	–	–	48	89	14	22	15	12	–	3	–	–	–	0	16	–	–	–	2.35	–	–
Powys (North)																														
Lake Vyrnwy	360	3.9	-3.5	0.2	–	10.4	22	-10.6	10	–	–	174	–	101	22	16	9	–	15	–	–	–	1	24	–	–	–	–	–	–
Llanfair Caereinion	236	4.6	-1.8	1.4	–	10.6	23	-8.6	10	3.1	–	55	–	22	22	11	5	7	15	0	0	0	1	20	24	–	0	–	–	–
Machynlleth	76	5.8	-1.9	1.9	–	11.6	23	-9.3	10	–	–	161	–	81	22	13	12	0	–	0	0	0	–	19	21	–	0	–	–	–
Moel Cynnedd	358	3.3	-3.3	0.0	–	9.1	22	-13.7	10	2.5	–	210	–	125	22	14	11	7	16	0	0	0	–	20	24	–	0	–	–	–
Newtown	120	5.7	–	–	–	11.9	23	–	–	–	–	59	–	20	21	11	10	7	6	0	0	0	–	–	21	–	0	–	–	–
8A WALES S																														
Dyfed																														
Aberporth (A)	134	5.3	-0.1	2.6	-1.9	11.0	23,25	-6.3	8	3.4	–	55	–	10	22	13	10	8	2	0	3	0	1	15	19	19	3	2.98	110	–
Brawdy (A)	111	5.5	-0.5	2.5	–	10.2	24	-6.7	10	–	–	79	92	18	22	18	13	7	4	0	3	0	3	18	18	18	0	2.94	–	–
Carmarthen Museum	9	6.1	-2.1	2.0	–	12.9	24	-10.3	10	–	–	87	–	27	22	14	13	3	3	0	0	0	0	20	24	–	0	–	–	–
Cwmystwyth	301	3.7	-2.6	0.5	–	10.2	25	-12.8	10	–	–	156	–	58	22	16	11	–	–	–	–	–	–	19	(22)	–	–	2.11	–	S
Dale Fort	33	6.8	1.0	3.9	-1.7	11.2	24	-5.4	8	3.7	–	65	102	14	14	16	12	2	2	0	2	0	3	13	16	–	0	3.09	105	–
Gogerddan	31	6.0	-0.9	2.5	-1.9	13.0	25	-9.1	10	2.8	–	60	–	17	22	13	8	7	3	0	0	0	0	18	20	–	0	2.76	112	S
Milford Haven (A)	37	6.2	0.5	3.3	(-2.0)	10.0	23,24	-5.6	8	–	–	69	–	15	14,22	15	10	2	3	0	0	0	1	14	17	–	2	–	–	–
Oriellton	61	6.1	0.5	3.3	–	10.1	23,24	-7.6	10	–	–	74	–	17	14	14	12	4	4	1	0	0	1	12	19	–	0	–	–	–
Rhandirmwyn	168	4.7	-2.8	0.9	–	10.5	23	-12.0	10	–	–	128	–	36	22	16	12	6	15	0	0	0	–	21	–	–	1	–	–	–
Saron	152	5.2	-1.8	1.7	–	10.9	24	-9.7	10	–	–	118	–	37	22	14	12	5	12	1	0	0	0	18	20	–	2	–	–	–
Scolton Country Park	77	6.1	-1.0	2.5	–	11.6	24	-7.9	10	–	–	81	–	19	22	18	14	8	5	0	1	0	0	19	21	–	1	–	–	–
Skokholm Island	34	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St Clears	40	(6.0)	(-1.4)	2.3	–	11.0	26	-9.0	10	–	–	96	–	32	22	15	12	8	–	0	0	0	1	19	21	–	0	–	–	–
Swyddffynnon	168	4.4	-2.7	0.9	–	11.4	25	-13.5	10	–	–	84	–	28	22	17	11	4	10	0	0	0	2	20	23	–	0	2.01	–	–
Talgarreg	198	4.7	-3.3	0.7	–	11.1	25	-9.9	10	–	–	114	–	25	22	15	12	4	17	0	0	0	1	21	–	–	0	–	–	–
Tenby	5	6.3	-0.5	2.9	–	11.4	24	-7.7	10	–	–	57	–	15	22	13	8	4	0	0	0	0	2	13	–	–	0	2.50	–	–
Towy Castle	88	5.1	-1.5	1.8	–	11.1	24	-8.2	10	3.3	4.9	84	–	24	22	15	12	9	8	0	0	0	2	19	19	18	0	2.97	–	S
Whitechurch	129	5.5	-1.4	2.1	–	10.7	23,24	-9.0	10	3.3	5.3	123	–	47	22	17	12	10	5	0	0	0	0	18	22	–	2	–	–	–
Powys (South)																														
Bronydd Mawr	330	3.3	-3.4	-0.1	–	9.6	25	-12.5	10	–	–	107	–	46	22	16	10	9	15	0	0	0	4	20	23	–	0	1.46	–	–
Llangenny	122	5.2	-1.7	1.7	–	12.4	23	-8.5	10	–	–	62	–	17	22	11	9	4	12	0	0	0	1	16	–	–	0	–	–	–
Llangunllo	310	3.4	-2.3	0.5	–	10.0	24	-10.7	10	2.7	–	71	–	25	21	14	9	8	13	0	0	0	4	18	24	–	0	–	–	–
Llysdinam	200	(4.6)	(-3.0)	0.8	–	10.4	24	-13.5	10	3.0	–	85	–	31	22	13	9	6	12	0	0	0	–	19	(23)	–	0	–	–	–
Pencelli	160	4.9	-3.3	0.8	–	11.9	24	-12.6	10	–	–	133	–	54	22	14	10	8	14	1	0	0	–	19	22	22	2	1.96	–	S
Presteigne	175	5.0	-3.1	0.9	–	12.1	24	-10.1	10	–	–	54	–	22	21	13	7	10	9	0	0	0	1	23	24	–	0	–	–	–
St Harmon	279	3.9	-3.9	0.0	–	10.8	24	-13.0	14	–	–	71	–	26	22	11	9	10	–	0	0	0	1	20	23	–	0	–	–	–
Velindre	152	5.0	-2.5	1.3	–	12.0	26	-11.6	10	3.0	4.3	65	–	20	21	13	8	10	15	0	1	0	1	18	22	–	0	–	–	–
West Glamorgan																														
Mumbles Head	35	5.2	0.2	2.7	(-2.1)	9.5	23	-6.5	10	–	–	–	–	–	–	–	–	5	4	1	0	0	2	15	15	–	1	–	–	–
Neath	62	5.6	-0.6	2.5	-2.4	11.3	25	-8.5	10	–	–	96	105	26	22	14	11	1	5	0	0	0	0	17	20	–	0	–	–	–
Penmaen	87	5.4	-0.3	2.5	–	10.4	24	-8.2	10	3.6	4.6	70	–	16	22	13	12	5	13	0	0	0	1	16	19	17	3	3.08	–	–
Swansea	10	6.2	-0.3	2.9	-2.3	11.9	26	-7.7	10	2.9	5.9	88	105	20	22	11	11	1	5	0	0	0	1	17	21	19	0	3.13	–	–
Mid Glamorgan																														
Cilfynydd (A)	194	4.4	-2.3	1.1	–	11.2	23	-9.9	10	–	–	114	–	57	22	10	7	7	14	0	0	0	4	18	21	20	0	–	–	–
Cwmbargoed	372	3.1	-2.6	0.3	–	10.0	23	-9.9	7	–	–	109	–	36	22	14	11	10	15	–	–	–	–	20	23	–	–	–	–	–
Porthcawl	6	5.7	(-1.2)	2.3	–	11.2	22	-8.2	9	–	–	50	70	11	22	11	10	–	–	–	–	–	–	16	–	–	–	–	–	–
South Glamorgan																														
Cardiff Bute Park	9	6.0	-0.8	2.6	–	13.5	23	-7.7	10	3.2	4.6	75	–	40	22	9	8	–	7	–	–	–	2	18	21	–	–	2.73	–	S
Weather Centre (X)	58	6.3	0.2	3.3	–	13.5	23	-6.2	7	–	–	59	–	28	22	9	8	7	–	0	3	0	4	15	–	–	0	–	–	–
Flat Holm	15	5.1	0.1	2.6	–	10.2	26	-7.0	7	–	–	45	–	13	22	10	9	2	5	0	0	0	–	14	18	–	1	–	–	–
Rhoose Airport (A)	65	5.1	-1.3	1.9	-2.3	12.2	23	-8.8	10	–	–	37	–	11	22	8	8	7	8	0	2	0	4	19	19	19	0	3.00	120	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
8A WALES S - Continued																														
Gwent																														
Crossway	140	5.6	-1.0	2.3	–	13.0	23	-7.0	7	–	–	(49)	–	12	22	11	9	4	8	0	0	0	3	17	–	–	0	–	–	–
Llanishan	180	4.7	-1.6	1.5	–	11.6	23	-9.0	7	–	–	57	–	26	22	11	10	–	–	–	–	–	3	19	–	–	–	–	–	–
Tredegar, Bryn Bach Park	380	3.2	-2.9	0.1	–	9.8	23	-11.0	10	–	–	113	–	43	22	13	10	5	18	0	0	0	7	20	23	–	0	–	–	–
Usk	21	6.0	-2.2	1.9	–	12.6	23	-12.0	10	3.1	–	70	–	24	21	11	9	2	10	0	0	0	2	20	24	–	0	–	–	–
8B ENGLAND SW																														
Avon																														
Bristol Weather Centre (A) (X)	42	6.3	0.2	3.3	–	13.8	23	-6.6	7	–	–	35	–	16	22	10	8	8	–	0	0	0	2	14	–	15	0	2.81	–	–
Long Ashton	51	5.0	-1.0	2.0	-2.4	12.8	23	-7.4	7	–	–	42	69	16	22	13	9	0	0	0	0	0	–	18	22	–	0	–	–	–
Weston Super Mare	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Somerset																														
Brymore	23	6.4	-1.4	2.5	–	14.2	23	-7.4	7	3.1	–	35	–	13	22	10	7	3	4	0	0	0	3	20	23	19	0	2.77	–	S
Castle Cary	135	4.6	-1.9	1.3	–	11.2	23	-9.5	8	–	–	25	–	5	21	10	7	6	7	0	0	0	5	19	23	–	0	–	–	–
Downside Abbey	183	4.2	-2.4	0.9	–	11.8	23	-9.3	7,10	–	–	59	–	12	14	11	10	–	0	–	–	–	–	19	–	–	–	–	–	–
Lower Kingcombe	122	4.8	-2.8	1.0	–	10.6	26	-12.5	10	–	–	70	–	15	22	13	10	7	7	0	1	0	3	19	22	–	1	–	–	–
Minehead	10	6.3	0.1	3.2	–	14.3	23	-6.1	7	2.9	3.6	57	–	26	22	12	9	6	12	0	0	0	3	14	21	16	0	2.89	–	S
Nettlecombe	96	5.6	-2.6	1.5	–	12.7	26	-11.2	10	(2.8)	–	64	–	30	22	15	13	5	14	0	0	0	2	20	21	–	0	–	–	–
Nettlecombe (Birds Hill)	280	4.0	-1.2	1.4	–	11.1	26	-9.6	8	2.5	–	79	–	31	22	17	17	6	15	0	0	0	3	17	–	–	0	–	–	S
Rodney Stoke	40	5.6	-1.9	1.9	–	14.8	23	-8.5	14	3.3	5.4	33	–	7	14	11	8	7	7	0	0	0	2	19	24	–	0	–	–	–
Tivington	82	6.0	-1.1	2.5	–	13.5	23	-8.0	10	3.5	6.1	72	–	29	22	13	10	8	13	0	1	0	1	18	20	17	0	–	–	–
Yeovilton (A)	18	5.4	-2.9	1.3	(-3.0)	12.1	26	-13.5	10	3.2	–	31	–	7	21	11	8	7	4	0	0	0	5	20	22	20	0	2.33	–	–
Dorset																														
Bournemouth Hurn Airport (A)	10	5.6	-2.5	1.5	-2.8	11.6	23	-10.9	8	2.9	–	36	62	16	22	12	7	5	3	0	0	0	4	20	23	21	0	3.11	–	–
Kings Park	27	5.6	-1.4	2.1	–	10.7	15	-9.3	7	3.0	4.5	35	–	16	22	11	9	6	4	0	0	0	4	20	23	20	0	2.95	–	S
Christchurch	4	5.4	-0.8	2.3	-2.3	10.0	23	-8.7	8	–	–	38	65	16	22	13	11	3	5	0	0	0	4	19	21	–	0	–	–	–
Fontmell Magna	95	5.3	-2.9	1.2	–	12.0	23	-11.2	10	–	–	27	–	9	22	11	7	6	8	0	0	0	4	19	–	–	2	–	–	–
Poole	5	6.3	-0.4	2.9	(-1.8)	12.0	23	-7.9	7	–	–	39	–	16	22	12	9	5	3	0	0	0	4	18	22	–	0	3.19	(115)	–
Portland Bill (Coastguard) (A)	53	5.7	0.3	3.0	–	9.7	26	-8.4	7	–	–	22	–	5	12,22	9	6	3	3	0	0	0	3	12	21	19	0	3.08	–	–
Swanage	11	5.6	0.5	3.1	-2.1	10.9	15	-6.6	8,10	–	6.5	36	57	12	22	11	6	6	5	0	0	0	1	11	17	–	0	3.03	112	–
Weymouth	21	5.8	-0.2	2.8	–	11.3	26	-9.0	8	–	–	33	–	7	12	8	7	2	3	0	1	0	2	16	–	–	0	3.34	–	–
Winfrith	26	5.6	-1.5	2.1	(-2.5)	11.2	23,24	-8.8	8	–	–	53	–	17	22	12	9	3	3	0	0	0	3	19	21	20	0	–	–	–
Devon																														
Burrington	199	4.5	-1.3	1.6	–	11.5	26	-9.1	8	–	–	85	–	28	22	14	9	–	11	–	–	–	–	17	22	–	–	–	–	–
Chivenor	6	6.8	-1.1	2.9	-2.6	13.6	23	-9.0	9	–	–	55	–	9	21	13	9	–	–	–	–	–	–	17	–	–	–	–	–	–
Dunkeswell	251	4.1	-1.8	1.1	–	11.5	26	-10.5	7	–	–	61	–	18	21	12	9	6	9	–	–	–	–	19	21	–	–	–	–	–
Exeter Airport (A)	32	5.9	-1.7	2.1	-2.8	13.0	26	-9.3	9	–	–	30	43	12	21	10	7	9	7	0	1	0	1	19	21	18	0	2.95	118	–
Exmouth	78	5.8	-0.2	2.8	–	12.1	23,26	-8.4	7	–	–	34	–	12	21	12	7	4	3	0	0	0	0	16	–	–	0	2.89	–	–
Gawlish	122	5.7	–	–	–	11.9	23	–	–	–	–	78	–	16	22	14	10	5	–	0	1	0	1	–	–	–	2	4.04	–	S
Hemyock	165	4.7	-1.5	1.6	–	11.6	26	-9.5	7	–	–	62	–	19	22	11	8	–	13	–	–	–	9	19	–	–	–	2.81	–	S
Ilfracombe	8	–	–	–	–	–	–	–	–	–	–	89	117	24	21	10	10	0	0	0	0	0	–	–	–	–	0	–	–	–
Lundy	43	6.1	2.5	4.3	–	9.8	22,23	-5.5	8	–	–	48	–	14	22	13	9	6	1	–	–	–	–	4	–	–	–	–	–	–
Melbury	143	5.7	-1.7	2.0	–	12.9	23	-11.5	10	–	–	103	109	32	22	13	12	–	13	–	–	–	–	17	–	–	–	3.29	–	S
North Wyke	177	5.3	-1.3	2.0	–	12.0	24	-9.5	10	–	–	61	–	18	22	14	10	7	14	0	0	0	1	19	(24)	–	2	3.14	–	–
Plymouth Mount Batten (A)	27	6.4	0.5	3.5	-2.0	11.0	25,26	-7.0	8	4.7	6.1	51	57	18	22	8	8	6	3	0	2	0	0	14	17	16	1	3.48	123	S
Princetown	423	3.3	-2.0	0.7	–	8.5	25	-11.6	7	–	–	168	102	54	22	15	12	4	0	0	0	0	12	21	21	–	0	–	–	–
Rumleigh	23	7.0	-1.6	2.7	–	12.1	26	-10.0	9	3.4	5.5	84	–	28	22	14	9	6	7	0	0	0	0	18	22	–	0	–	–	–
Saunton Sands	15	6.6	0.1	3.3	–	12.0	23	-6.5	7, 8	–	–	37	–	7	21	13	7	–	–	–	–	–	–	14	17	–	–	3.86	–	–
Sidmouth	10	6.1	-0.3	2.9	–	12.6	23	-8.0	7	–	–	30	41	7	21	9	8	4	5	0	0	0	0	14	–	–	1	–	–	–
Slapton	32	6.9	1.3	4.1	(-1.6)	12.6	26	-6.8	10	–	–	65	69	25	21	7	7	1	0	0	0	0	1	8	12	–	0	2.27	–	–
Teignmouth	3	6.3	0.5	3.4	-2.4	13.2	23	-7.5	8	–	–	39	49	17	22	9	5	1	0	0	0	0	0	12	–	–	0	2.77	103	–
Torbay (Torquay)	8	6.9	1.0	3.9	-1.9	12.8	23,26	-7.0	10	–	6.6	49	56	23	22	9	6	4	1	0	0	0	1	12	17	–	1	2.64	91	–
Twist	186	4.4	-1.5	1.5	–	11.4	26	-10.3	7	–	–	47	–	15	22	13	10	6	5	0	0	0	7	21	–	–	2	2.50	–	S
Yarner Wood	198	5.5	-0.6	2.5	–	11.3	26	-9.7	7	(3.1)	–	80	–	33	22	14	11	2	6	0	0	0	2	17	20	–	2	2.63	–	S
Cornwall																														
Bastreet	236	–	–	–	–	–	–	–	–	–	–	124	86	32	22	17	13	–	–	–	–	–	–	–	–	–	–	–	–	–
Bude	15	6.8	-0.2	3.3	-2.2	13.6	23	-8.7	10	3.3	–	67	99	13	22	16	11	3	1	2	0	0	0	14	–	–	1	4.17	151	–
Camborne (A)	87	6.7	1.5	4.1	–	11.6	23,25	-6.8	7, 8	4.8	6.1	90	–	23	22	19	13	5	3	3	1	0	0	7	19	16	1	3.21	–	–
Culdrose (A)	80	6.9	1.4	4.1	-1.6	12.5	25	-8.4	8	–	–	72	74	12	15	19	13	6	4	1	1	1	2	7	–	–	0	3.17	114	–
Falmouth	51	7.4	2.2	4.8	-1.2	13.0	23	-6.5	7, 8	–	–	94	91	18	22	16	12	3	3	0	0	0	0	6	15	–	0	2.88	104	–
Gwennap Head	66	7.0	2.3	4.7	–	11.0	23	-5.7	11	–	–	82	–	27	16	17	15	–	–	–	–	–	–	6	10	10	–	–	–	–
Lizard	73	7.3	0.9	4.1	(-2.4)	11.7	23,24	-8.5	8	–	–	76	89	18	16	15	12	–	–	–	–	–	–	11	–	–	–	–	–	–
Lizard Lighthouse	60	7.1	–	–	–	11.3	23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Newquay	30	7.2	-0.5	3.3	–	13.0	23,24	-7.8	7, 9	–	–	45	–	10	20	13	10	3	3	0	0	0	1	18	–	–	0	–	–	–
Penzance	19	8.0	1.7	4.9	-1.7	13.0	23	-6.2	10	–	–	120	113	21	16	20	16	6	5	2	0	0	0	8	–	–	1	3.23	109	–
Scilly (St Mary's)	51	8.0	3.5	5.7	-1.6	12.0	23	-4.3	8	–	–	91	–	24	16	18	13	2	2	0	1	0	0	4	10	7	1	3.17	108	–
St Ives	10	7.6	3.0	5.3	–	13.0	23	-5.5	7	–	–	110	–	22	15	19	18	5	0	0	0	0	0	4	–	–	0	2.79	–	–
St Mawgan (A)	103	6.6	0.5	3.5	-1.9	12.8	23	-7.2	9	–	–	66	72	13	22	17	14	6	4	0	3	0	2	13	17	17	0	4.11	140	–
Tregastic	110	6.1	0.0	3.1	–	11.5	24	-7.9	7	–	–	85	–	25	22	15	9	6	8	0	0	0	0	16	21	–	1	–	–	–
CHANNEL ISLANDS																														
Guernsey																														
Airport (A)	101	5.7	1.7	3.7	-2.1	11.2	25	-7.2	7, 8	4.3	5.8	48	57	11	12	14	9	8	5	0	6	0	4	6	17	15	0	2.44	91	–
L'Ancresse	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Jersey																														
Airport (A)	84	5.6	0.7	3.1	-2.5	12.5	25	-8.7	7	3.4	5.5	35	47	8	12	10	7	6	–	0	2	0	3	13	17	16	0	3.05	100	–
Gorey Castle	79	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.91	–	–
St Helier	54	6.0	0.8	3.4	–	13.5	25	-8.2	8	–	–	46	60	10	7	14	9	6	6	0	3	0	2	12	19	–	0	3.11	–	–
Trinity States Farm	107	(5.9)	(1.0)	3.5	–	12.9	25	-8.5	8	(4.4)	–	39	–	10	15	12	7	4	3	0	0	0	–	10	19	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average *	Highest maximum Max.	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average *	Exposure
NORTHERN IRELAND																														
Londonderry																														
Banagher (Caugh Hill)	216	4.7	-0.2	2.3	–	10.5	23	-5.0	10	–	–	66	–	12	22	20	13	4	5	0	0	0	2	14	18	–	3	2.41	–	–
Carmoney	73	5.8	0.2	3.0	–	11.6	23	-3.5	7	–	–	41	–	7	3	15	11	0	0	0	0	0	0	12	18	17	0	2.54	–	S
Castledawson Hillhead	30	7.0	-1.2	2.9	–	13.5	23	-5.6	11	–	–	40	–	11	3	10	8	1	0	0	0	0	–	22	18	–	0	–	–	–
Coleraine University (A)	23	6.3	-0.8	2.7	–	13.1	23	-6.0	2	3.3	5.1	41	–	5	3	15	10	9	3	0	1	0	1	18	24	–	0	2.00	–	–
Lough Fea W.Wks.	225	4.5	-1.4	1.5	–	9.5	24	-6.6	10	–	–	67	–	16	3	23	10	2	6	0	0	0	–	22	27	–	0	–	–	–
Moydamlaght	178	4.9	-0.1	2.4	–	12.0	23	-4.5	14	–	–	57	–	11	22	18	13	4	–	0	1	0	0	15	21	–	0	–	–	–
Moyola Waterworks	17	–	-1.7	–	–	–	–	-5.8	11	–	–	39	–	10	3	12	8	4	1	0	0	0	2	18	26	–	0	–	–	–
Antrim																														
Altnahinch	213	4.7	-0.7	2.0	–	10.5	23	-4.5	11	–	–	70	–	10	22	17	13	5	0	0	0	0	0	18	24	–	0	1.78	–	–
Belfast																														
Aldergrove Airport (A)	68	5.7	-0.7	2.5	-1.2	11.4	23	-5.8	13	2.9	5.6	46	83	7	3	15	12	8	2	0	3	0	2	13	17	17	0	1.91	81	–
Newforge	40	6.6	0.3	3.5	–	13.1	23	-4.2	1	–	–	48	–	7	23	20	11	2	1	0	0	0	–	12	24	–	0	1.47	–	–
Oldparkfilters	58	6.1	0.0	3.1	–	13.0	23	-3.5	14	–	–	49	63	8	21	18	12	5	0	0	0	0	0	13	19	–	0	–	–	–
Carnlough	12	6.7	0.4	3.5	–	11.6	23	-3.7	13	–	–	51	–	10	22	19	13	1	0	1	0	0	0	13	–	–	1	–	–	–
Dungonnell Filters	271	4.2	-1.7	1.3	–	10.0	23	-5.6	10	–	–	58	–	9	11	17	14	0	5	0	0	0	7	20	21	–	0	–	–	–
Garron Tower	62	6.4	1.3	3.9	–	12.5	23	-1.8	13	–	–	49	–	9	3	16	13	1	0	–	–	–	0	5	–	–	–	–	–	–
Greenmount	38	5.8	-0.5	2.7	(-1.2)	11.7	23	-5.6	14	3.9	–	45	–	7	3	13	11	3	0	0	1	0	–	15	23	–	0	–	–	–
Jordanstown Rostulla	10	6.9	0.3	3.7	–	13.8	23	-3.5	14	–	–	35	–	6	21	15	11	0	0	0	0	0	0	13	23	–	0	–	–	–
Larne Harbour	43	6.8	1.4	4.1	–	13.2	23	-1.5	13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5	–	–	–	–	–	–
Lowtown	213	4.8	-0.7	2.1	–	10.6	24	-3.0	7	2.4	–	46	–	6	25	12	10	3	0	0	0	0	3	21	26	–	0	1.84	–	–
Movanagher Fish Farm	10	6.4	-1.1	2.7	–	13.5	23	-6.5	11	–	–	43	–	8	22	15	10	2	0	0	0	0	1	16	18	–	0	–	–	–
Parkmore Forest	235	4.9	-1.4	1.7	–	10.3	23	-3.1	1,13	3.0	–	81	71	11	11	17	16	4	10	0	0	0	0	23	27	–	0	–	–	–
Woodburn North	217	4.8	-0.8	2.0	–	10.0	22,23	-3.0	13,14	–	–	57	70	10	22	14	13	0	0	0	0	0	–	21	25	–	0	–	–	–
Down																														
Ballykine Rockvale	125	5.6	-0.1	2.7	–	11.5	23	-3.9	10	–	–	65	–	11	23	18	12	6	0	0	0	0	2	14	22	–	0	–	–	–
Ballywatticock	6	6.1	0.6	3.3	–	12.4	23	-4.4	14	3.2	5.1	51	91	9	21	16	12	5	0	0	1	0	0	10	22	17	0	2.13	–	–
Belfast																														
Ravenhill Road	10	6.3	-0.1	3.1	–	12.7	23	-4.5	13	–	–	44	–	7	23	18	10	6	1	0	0	0	1	14	25	–	0	–	–	–
Stormont Castle	56	6.5	0.2	3.3	-1.0	13.2	23	-3.3	13	3.1	4.8	50	76	9	21	19	12	2	0	0	0	0	1	12	21	–	0	1.78	(74)	–
Bryansford	85	6.4	0.8	3.6	–	12.2	22	-2.6	2,11, 13	3.4	5.4	89	–	21	22	19	13	3	1	0	1	0	0	11	17	17	0	–	–	–
Downpatrick, Killavees	58	6.5	0.1	3.3	–	12.9	23	-3.6	13	–	–	45	–	7	23	16	10	5	3	0	0	0	0	16	20	–	0	–	–	–
Helens Bay	43	6.5	1.0	3.7	(-0.8)	13.2	23	-1.9	14	3.4	4.9	45	73	7	25	17	11	6	0	0	2	0	0	9	21	–	0	–	–	–
Hillsborough	116	5.4	0.4	2.9	-0.8	11.4	23	-4.1	10	3.4	4.9	57	99	10	23	19	11	7	4	0	0	0	0	11	19	–	0	2.09	90	–
Killough	15	6.4	1.6	4.0	–	10.5	15,23	-2.0	13	–	–	64	–	17	22	18	12	6	0	0	0	0	0	7	13	13	2	–	–	–
Long Kesh (A)	36	6.1	-1.0	2.5	–	12.8	23	-6.6	2	3.5	5.0	50	–	8	23	16	12	9	5	0	1	0	2	16	20	19	0	1.84	–	–
Lough Cowey	10	6.9	0.8	3.9	–	11.9	24	-4.6	11	–	–	38	65	8	19	15	10	2	0	0	0	0	0	5	18	–	0	2.04	–	–
Magherally	97	5.8	-1.5	2.1	–	11.4	22	-8.6	11	3.5	5.5	49	–	10	23	17	11	9	2	1	1	0	2	17	23	22	0	–	–	–
Murlough	12	6.8	0.7	3.7	–	14.1	23	-4.1	14	3.0	4.4	63	–	12	22	18	13	3	2	1	2	0	–	12	17	–	0	2.03	–	S
Newry, Carnbane	8	7.3	-1.5	2.9	–	12.9	22	-7.5	11	–	–	50	–	11	23	16	11	0	7	0	0	0	3	19	23	–	0	1.65	–	–
Saintfield Rowallane	95	5.8	-1.4	2.2	–	12.6	23	-4.7	2	3.3	–	61	–	9	21	21	10	4	0	0	1	0	–	21	24	–	0	–	–	–
Silent Valley	129	5.5	0.3	2.9	–	11.9	23	-3.0	2	–	–	83	79	16	22	19	12	10	3	0	0	0	2	13	20	–	0	1.88	–	–
Trassey Slievenaman	215	5.7	-1.0	2.3	–	11.0	22	-7.0	11	–	–	113	–	29	22	18	12	6	5	0	0	0	0	17	21	–	0	–	–	–
Armagh																														
Annaghmore	27	6.1	-1.6	2.3	–	13.0	23	-7.4	14	4.0	5.9	32	–	7	3	11	8	3	1	0	0	0	2	19	22	21	0	–	–	–
Armagh	62	6.3	-0.3	3.0	-1.2	12.5	23	-6.0	10	3.3	4.9	33	56	7	23	16	9	3	2	0	0	0	2	14	20	–	0	1.73	76	S
Castor Bay	17	5.8	-1.0	2.4	–	12.2	23	-6.5	14	–	–	40	–	9	3	19	11	0	0	0	0	0	2	15	23	–	0	–	–	–
Loughgall	25	6.1	-1.4	2.3	-1.7	13.3	23	-7.4	14	–	–	35	64	6	23	12	8	5	2	0	0	0	2	18	24	–	0	–	–	–
Tandragee, Ballylisk	43	7.1	-0.7	3.2	–	13.4	23	-5.7	11	–	–	38	–	9	2	12	9	1	3	0	0	0	1	17	22	–	0	–	–	–
Tyrone																														
Baron's Court	132	5.3	-0.3	2.5	–	10.9	23	-3.6	10	–	–	73	–	16	3	16	11	8	1	0	0	0	1	14	21	–	0	1.85	–	–
Carrigans (A)	113	5.9	-1.1	2.4	(-1.2)	11.7	23	-5.6	1	–	–	64	–	11	3	16	11	6	1	0	0	0	1	21	22	20	0	2.12	–	–
Cookstown	77	5.7	-1.5	2.1	–	12.6	23	-6.3	3	–	–	34	48	10	3	7	7	2	0	0	0	0	3	21	24	–	0	–	–	–
Edenfel	88	5.8	-1.7	2.1	–	12.1	23	-6.0	1	–	–	56	77	8	23	18	8	5	0	1	0	0	4	20	24	–	0	–	–	–
Fivemiletown	119	6.4	-1.5	2.5	–	10.8	25	-7.0	10	–	–	61	–	9	25	18	15	3	0	0	0	0	5	18	19	–	0	–	–	–
Lough Bradan W.Wks.	180	5.2	-0.8	2.2	-0.9	10.2	23	-3.6	8	–	–	82	84	12	3	14	14	0	0	0	0	0	0	18	–	–	0	–	–	–
Strabane Glen Road	60	6.1	0.0	3.1	–	12.2	23	-4.8	1	–	–	56	–	10	3	15	10	3	0	0	2	0	1	12	22	–	0	–	–	–
Fermanagh																														
Castle Archdale Forest (A)	66	6.0	-0.5	2.7	(-1.1)	12.2	23	-7.0	11	3.3	4.6	63	–	9	23	19	16	2	0	0	0	0	2	16	24	–	0	2.20	(96)	–
Corgary	145	6.1	0.3	3.2	–	11.6	23	-3.2	8	–	–	80	–	12	3	17	14	2	0	–	–	–	–	14	20	19	–	2.46	–	S
Knockarevan	53	6.5	-0.4	3.1	–	11.5	23	-4.5	8, 9, 11	–	–	68	–	12	22	19	13	–	1	–	–	–	–	17	20	–	–	–	–	–
Lisnaskea	49	6.4	-1.4	2.5	–	12.5	23	-7.3	9	–	–	52	–	11	27	18	10	4	2	0	0	0	–	16	22	–	0	–	–	–
Lough Navar Forest	126	5.7	-1.9	1.9	(-1.6)	11.8	23	-7.5	1	–	–	90	89	12	3	19	15	3	0	0	0	0	4	21	25	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
0 SCOTLAND N																																											
Shetland																																											
Fair Isle	61	9	1016.2	–	4.1	1.2	6.7	80	6.3	0	4	2	12	10	0	0	0	0	0	0	0	2	6	11	9	0	5	15	8	0	6	0	3	9	2	4	4	0
		15	1016.1	–	4.3	1.3	6.7	79	6.8	0	2	1	15	10	0	0	0	0	0	0	1	2	5	14	6	0	6	14	8	0	4	0	3	7	3	8	3	0
		21	1016.1	–	3.7	1.1	6.5	81	6.7	0	3	1	10	14	0	0	0	0	0	0	1	1	5	15	6	0	5	13	8	2	3	1	4	12	1	3	2	0
Lerwick	83	3	1015.6	–	2.7	1.1	6.1	81	6.6	0	2	2	13	11	0	0	0	0	0	0	0	4	3	13	8	0	6	13	4	5	3	1	1	2	8	5	2	1
		9	1015.9	+6.0	2.8	1.0	6.3	82	6.3	0	3	3	13	9	0	0	0	0	0	0	0	2	6	14	6	1	6	10	10	1	5	0	1	5	6	6	1	3
		15	1015.8	–	3.6	1.2	6.4	79	6.6	0	3	1	13	11	0	0	0	0	0	0	0	3	4	15	6	0	7	13	8	0	3	0	2	5	7	6	2	3
		21	1015.9	–	2.5	1.0	6.0	82	6.0	0	6	2	6	14	0	0	0	0	0	0	0	0	7	10	11	1	4	12	9	2	5	1	0	5	7	5	0	3
Muckle Flugga	54	3	1015.9	–	3.8	1.3	6.3	78	6.3	0	4	3	5	16	0	0	0	0	0	0	0	1	5	20	2	3	3	8	13	1	5	0	3	1	15	1	1	1
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	1015.9	–	4.2	1.3	6.5	78	6.8	0	0	5	13	10	0	0	0	0	0	0	0	2	2	22	2	3	5	8	12	0	1	4	1	4	13	3	2	0
		21	1016.1	–	3.9	1.3	6.3	78	6.1	0	2	7	5	14	0	0	0	0	0	0	0	0	1	26	1	4	3	10	11	0	3	1	1	5	12	3	2	1
Sumburgh	13	3	1015.9	–	4.1	1.6	6.2	74	6.2	0	2	5	12	9	0	0	0	0	0	0	0	0	1	6	18	3	0	8	10	9	1	4	1	3	6	6	4	2	1
		9	1016.2	–	4.1	1.5	6.3	76	6.3	0	4	1	17	6	0	0	0	0	0	0	0	1	7	12	8	0	5	14	8	1	5	0	1	6	7	3	4	1
		15	1016.2	–	4.8	1.7	6.3	73	6.5	0	3	2	12	11	0	0	0	0	0	0	0	0	7	13	8	0	6	14	7	1	6	0	2	5	5	6	2	1
		21	1016.2	–	4.1	1.7	6.0	73	6.6	0	3	2	10	13	0	0	0	0	0	0	0	1	1	22	4	0	4	14	6	4	4	0	3	6	6	3	2	0
Orkney																																											
Kirkwall	26	3	1015.7	–	2.7	0.9	6.3	84	5.6	0	7	3	10	8	0	0	0	0	0	0	0	1	5	14	8	0	3	14	10	1	2	0	2	6	5	5	6	1
		9	1016.0	+5.7	3.0	0.9	6.5	85	6.2	0	4	1	15	8	0	0	0	0	0	0	1	2	5	10	10	0	4	12	12	0	2	0	3	4	7	8	3	1
		15	1015.8	–	4.6	1.4	6.6	77	6.3	0	2	3	17	6	0	0	0	0	0	0	1	1	5	6	15	0	6	11	11	0	2	0	5	4	8	4	3	2
		21	1015.5	–	2.9	0.9	6.4	85	6.4	0	4	1	13	10	0	0	0	0	0	0	0	0	9	11	8	0	5	12	11	0	1	1	4	6	8	3	4	1
Western Isles																																											
Benbecula	7	3	1014.6	–	2.8	0.7	6.6	87	4.4	3	8	3	9	5	0	0	0	0	1	0	0	0	5	17	5	0	0	11	15	2	0	2	4	3	11	4	2	0
		9	1014.7	+4.6	3.3	0.9	6.6	84	5.9	0	3	5	13	7	0	0	0	0	0	0	1	1	7	9	10	0	2	13	12	1	1	1	4	3	13	4	1	0
		15	1013.8	–	5.3	1.3	7.2	80	5.5	0	6	4	12	6	0	0	0	0	0	0	0	3	8	11	6	0	4	14	10	0	1	1	4	4	10	4	2	2
		21	1014.2	–	3.7	0.9	6.9	85	5.4	2	3	5	13	5	0	0	0	0	0	1	0	2	3	18	4	0	1	12	14	1	1	3	3	1	10	6	2	1
Stornoway	5	3	1014.7	–	3.1	1.1	6.3	81	4.9	0	9	5	7	7	0	0	0	0	0	0	0	0	6	19	3	0	2	10	13	3	1	1	3	3	8	6	1	2
		9	1014.9	+4.8	3.4	1.1	6.4	81	5.9	0	3	5	15	5	0	0	0	0	0	0	0	3	5	14	6	0	2	11	15	0	1	0	4	2	10	8	1	2
		15	1014.1	–	5.3	1.7	6.6	74	6.1	0	1	8	11	8	0	0	0	0	0	0	0	0	7	12	9	0	1	13	13	1	1	1	3	3	11	5	2	1
		21	1014.1	–	3.3	1.0	6.5	83	5.5	1	4	6	8	9	0	0	0	0	0	0	0	3	2	20	3	0	1	11	15	1	1	1	3	5	4	6	4	3
Highland																																											
Aviemore	228	3	1016.2	–	0.1	0.9	5.1	82	5.6	2	3	4	12	7	0	0	0	0	0	0	1	1	4	16	6	0	0	6	19	3	8	0	1	1	13	1	0	1
		9	1016.6	–	0.1	0.9	5.2	82	6.1	0	2	5	17	4	0	0	0	1	0	0	2	0	6	9	10	0	1	4	16	7	3	1	0	0	6	7	3	1
		15	1015.8	–	3.0	1.8	5.4	70	6.6	0	0	7	13	8	0	0	0	0	0	0	0	0	6	9	13	0	0	5	23	0	3	2	2	2	14	2	1	2
		21	1016.0	–	0.6	1.0	5.3	81	5.5	0	5	7	11	5	0	0	0	0	0	1	1	2	3	15	6	0	0	8	13	7	3	1	3	2	10	1	1	0
Cape Wrath	113	3	1014.6	–	3.2	1.3	6.1	79	4.7	1	8	5	6	8	0	0	0	0	0	0	0	0	2	21	5	2	5	11	9	1	1	2	2	1	9	9	2	1
		9	1015.1	–	3.3	1.3	6.1	78	6.1	0	1	9	7	11	0	0	0	0	0	0	0	0	2	20	6	2	1	15	10	0	3	0	2	2	8	10	2	1
		15	1014.4	–	4.5	1.6	6.4	75	6.6	0	1	3	16	8	0	0	0	0	0	0	0	0	3	22	3	3	0	16	9	0	1	2	3	4	6	11	0	1
		21	1014.1	–	3.6	1.4	6.1	76	5.3	1	5	7	5	10	0	0	0	0	0	0	0	0	1	24	3	4	1	12	11	0	2	1	4	3	8	9	1	0
Dalcross	12	9	1016.1	–	1.4	0.8	5.8	85	6.1	0	2	3	19	4	0	0	0	0	0	0	0	4	6	14	4	0	0	6	20	2	0	1	4	1	4	15	0	1
		15	1015.3	–	4.4	1.9	5.9	71	6.3	0	1	3	23	1	0	0	0	0	0	0	0	2	7	14	5	0	1	5	22	0	1	1	4	4	2	14	2	0
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Invergordon	12	3	1016.0	–	2.0	1.1	5.8	81	5.4	2	6	4	3	13	0	0	0	0	0	0	0	0	10	11	7	0	0	3	19	6	1	1	4	3	1	3	9	0
Harbour		9	1016.4	–	2.1	1.0	5.9	82	6.6	0	2	4	9	13	0	0	0	0	0	1	1	1	5	9	11	0	0	5	17	6	0	0	2	4	2	3	9	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1015.7	–	2.6	1.1	6.0	81	5.2	2	3	8	7	8	0	0	0	0	0	0	0	0	9	15	4	0	0	4	15	9	2	1	2	1	4	2	7	0
Waterstein	81	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1014.5	–	3.4	0.9	6.7	84	5.8	3	2	3	8	12	0	0	0	0	0	0	1	6	4	9	8	1	6	11	7	3	2	3	2	0	13	3	2	0
Wick	37	3	1016.2	–	2.0	1.1	5.8	81	5.9	0	5	4	10	9	0	0	0	0	0	0	0	5	4	13	6	0	1	12	15	0	2	0	2	6	8	2	5	3
		9	1016.6	+6.1	2.4	1.1	5.9	81	6.6	0	3	0	16	9	0	0	0	0	0	0	1	6	3	8	10	0	2	12	14	0	1	0	3	5	8	5	4	2
		15	1016.3	–	4.3	1.6	6.2	74	6.3	0	2	4	17	5	0	0	0	0	0	0	2	4	4	8	10	0	0	17	11	0	2	1	2	5	7	6	4	1
		21	1015.9	–	2.8	1.1	6.0	80	6.5	0	2	3	14	8	1	0	0	0	1	0	1	5	2	14	5	0	2	13	13	0	1	1	2	4	9	5	4	2
1 SCOTLAND E																																											
Grampian																																										
Dyce	69	3	1016.0	–	1.5	0.7	5.9	87	6.5	1	2	3	9	13	0	0	0	0	0	1	3	3	7	10	4	0	0	9	17	2	2	2	1	7	3	3	1	7
		9	1016.7	+5.0	1.9	0.8	6.1	86	6.2	0	3	4	12	8	1	0	0	1	2	0	3	4	2	12	4	0	0	7	20	1	2	3	1	8	2	3	3	5
		15	1016.4	–	3.7	1.1	6.5	81	6.6	0	2	2	15	9	0	0	0	0	0	0	2	7	3	10	6	0	1	9	18	0	1	0	4	7	9	1	2	4
		21	1016.2	–	2.2	0.8	6.1	85	6.5	0	4	2	9	13	0	0	0	0	1	0	2	6	7	8	4	0	0	8	19	1	1	2	1	7	3	4	3	6
Glenlivet	212	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kinloss	6	3	1015.7	–	1.4	0.9	5.7	84	5.6	2	4	3	11	7	1	0	0	0	0	1	1	4	3	11	8	0	0	5	22	1	0	1	8	0	3	11	2	2
		9	1016.2	+5.0	1.7	0.9	5.8	84	6.4	0	1	5	16	5	1	0	0	0	0	1	1	4	3	6	13	0	0	3	25	0	0	0	7	2	1	11	4	3
		15	1015.6	–	4.4	1.8	6.1	73	6.5	0	0	4	21	3	0	0	0	0	0	0	0	3	8	5	12	0	2	6	19	1	3	0	3	5	6	5	4	1
		21	1015.6	–	2.2	1.0	5.9	82	5.4	1	7	1	10	8	1	0	0	0	1	0	0	3	8	10	6	0	0	5	23	0	1	1	4	5	3	10	4	0
Peterhead	15	3	1016.2	–	3.4	1.4	6.1	77	6.3	1	0	8	6	13	0	0	0	0	1	0	1	2	24	0	0	0	1	13	12	2	4	1	4	3	6	3	5	0
Harbour		9	1016.8	–	3.5	1.2	6.3	80	6.6	0	0	6	9	12	1	0	0	0	1	0	0	3	17	7	0	0	1	12	15	0	2	0	3	5	6	4	7	1
		15	1016.6	–	4.5	1.6	6.3	75	7.0	0	0	5	8	15	0	0	0	0	0	0	1	4	17	6	0	0	0	14	14	0	3	1	3	5	7	4	5	0
		21	1016.3	–	3.7	1.3	6.3	79	6.2	0	3	6	5	14	0	0	0	0	0	0	1	4	23	0	0	0	1	17	10	0	2	4	1	3	8	5	3	2
Fife																																											
Leuchars	12	3	1016.3	–	1.9	0.9	6.0	84	6.5	0	4	3	6	15	0	0	0	0	0	0	0	1	4	10	6	7	0	0	6	19	3	3	0	5	4	0	5	7	1
		9	1017.0	+5.1	2.1	0.8	6.2	86	6.0	0	3	4	15	6	0	0	0	0	0	0	1	1	2	12	6	6	0	1	8	18	1	0	0	6	3	1	8	5	4
		15	1016.5	–	4.3	1.6	6.2	75	6.1	0	4	2	15	7	0	0	0	0	0	0	1	1	5	9	4	8	0	3	7	18	0	4	3	2	8	3	4	4	0
		21	1016.5	–	2.3	1.0	6.0	82	6.3	0	3	5	6	14	0	0	0	0	0	0	0	2	3	11	4	8	0	0	9	19	0	3	0	6	4	0	5	6	4

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
1 SCOTLAND E - Continued																																											
Lothian																																											
Turnhouse	44	3	1016.3	–	1.4	0.7	6.0	87	5.8	0	4	3	19	2	0	0	0	0	0	0	2	7	11	7	1	0	0	5	19	4	2	1	6	1	1	4	9	0
		9	1016.9	+4.6	1.4	0.8	6.0	86	5.9	0	3	3	21	0	1	0	1	0	1	1	0	5	10	5	5	0	0	7	15	6	2	1	6	1	1	4	6	1
		15	1016.1	–	4.4	1.7	6.2	74	5.8	0	4	3	18	2	1	0	0	0	0	1	0	6	11	6	4	0	0	11	16	1	3	2	5	5	3	5	3	1
		21	1016.2	–	2.2	0.8	6.2	85	5.9	0	4	2	20	2	0	0	0	0	0	1	1	9	6	11	0	0	0	9	16	3	4	0	4	2	2	8	5	0
6 SCOTLAND W																																											
Strathclyde																																											
Abbotsinch	9	3	1016.1	–	1.3	0.6	6.2	89	5.9	0	3	6	10	9	0	0	0	0	0	1	1	5	12	8	1	0	0	5	18	5	2	4	4	2	3	4	2	2
		9	1016.8	+4.6	1.0	0.5	6.1	89	5.8	0	3	4	18	3	0	0	0	1	0	1	3	8	9	4	2	0	0	6	16	6	2	4	6	1	2	4	3	0
		15	1015.7	–	4.7	1.7	6.4	74	5.5	0	3	8	10	5	2	0	0	0	1	1	0	8	5	10	3	0	1	8	17	2	2	3	7	2	2	6	1	3
		21	1016.1	–	2.2	0.8	6.3	85	5.8	0	4	4	14	6	0	0	0	0	0	0	0	9	8	11	0	0	0	5	18	5	2	3	6	1	3	2	5	1
Orsay	24	3	1015.1	–	4.1	0.6	7.4	89	5.5	0	8	2	7	11	0	0	0	0	1	0	0	2	1	11	13	0	4	17	6	1	4	1	2	7	7	3	3	0
		9	1015.3	–	3.8	0.5	7.4	91	6.2	0	0	10	7	10	1	0	0	1	0	0	0	2	5	11	9	0	6	15	6	1	3	4	2	5	9	2	1	1
		15	1014.4	–	5.3	0.9	7.7	86	6.4	0	2	6	6	14	0	0	0	0	0	0	0	2	6	10	10	0	8	13	7	0	4	1	3	8	7	3	1	1
		21	1015.0	–	4.2	0.6	7.6	91	5.6	1	6	5	1	15	0	0	0	0	0	0	0	1	5	11	11	0	5	13	10	0	1	6	3	5	8	3	0	2
Prestwick	21	3	1016.1	–	1.5	0.6	6.2	88	5.6	2	3	5	9	9	0	0	0	0	0	0	0	1	6	10	11	0	0	0	4	23	1	0	6	5	7	0	6	1	2
		9	1016.7	+4.5	1.6	0.8	6.1	85	5.7	0	6	1	19	2	0	0	0	0	0	0	0	8	3	16	1	0	0	5	23	0	0	5	8	6	5	3	0	1
		15	1015.6	–	5.0	1.7	6.5	73	5.6	0	5	6	11	6	0	0	0	0	0	0	0	5	7	10	6	0	0	11	17	0	1	7	2	5	5	3	4	1
		21	1016.0	–	2.3	0.8	6.3	85	5.1	1	7	3	11	6	0	0	0	0	0	0	1	5	11	11	0	0	0	7	21	0	1	5	9	3	7	2	1	0
Tiree	10	3	1014.7	–	3.5	0.9	6.8	85	5.3	2	6	2	10	8	0	0	0	0	0	0	1	1	6	13	7	0	2	14	12	0	0	2	5	6	6	4	2	3
		9	1015.0	+4.3	3.7	1.2	6.5	80	5.7	0	4	6	11	7	0	0	0	0	0	0	0	1	10	9	8	0	3	13	12	0	1	4	3	7	8	4	1	0
		15	1013.9	–	5.4	1.6	6.8	75	5.7	0	4	8	6	10	0	0	0	0	0	0	1	5	5	11	6	0	4	17	6	1	0	3	3	8	8	2	1	2
		21	1014.5	–	3.9	1.1	6.7	81	5.2	2	5	5	9	7	0	0	0	0	0	0	1	1	9	9	8	0	3	14	11	0	2	1	4	7	6	5	2	1
Dumfries & Galloway																																											
Corsewall Point	15	9	–	–	2.8	0.7	6.7	88	5.3	0	5	7	8	8	0	0	0	0	0	0	0	2	3	18	5	0	0	15	13	0	0	4	7	9	4	2	0	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drungans	16	3	–	–	1.9	0.5	6.5	91	6.7	3	1	1	2	20	1	0	0	0	1	0	0	2	19	6	0	0	0	3	15	10	1	4	0	1	2	7	1	2
		9	–	–	1.5	0.5	6.3	90	5.8	0	3	6	9	10	0	0	0	0	0	0	0	3	14	10	1	0	0	2	16	10	1	1	2	2	1	4	5	2
		15	–	–	5.0	1.7	6.5	74	6.1	0	2	6	8	12	0	0	0	0	0	0	0	2	13	12	1	0	0	4	21	3	2	2	4	7	3	3	1	3
		21	–	–	2.4	0.7	6.5	87	5.2	3	4	6	3	12	0	0	0	0	0	0	0	4	14	10	0	0	0	3	21	4	4	2	3	3	3	6	0	3
Eskdalemuir	237	3	1016.6	–	0.1	0.3	5.9	92	6.8	1	3	0	4	18	2	0	1	0	1	5	3	9	2	4	3	0	0	6	20	2	5	4	2	4	7	1	1	2
		9	1017.4	+4.7	0.0	0.3	5.8	92	6.4	1	2	2	12	11	0	0	0	0	0	1	6	7	7	4	3	0	0	7	16	5	7	4	3	1	5	3	0	0
		15	1016.5	–	2.4	0.9	6.2	84	5.9	0	4	6	8	10	0	0	0	0	0	1	1	7	6	8	5	0	0	10	18	0	3	6	4	3	6	4	1	1
		21	1016.7	–	0.4	0.4	5.9	91	5.9	3	3	2	6	14	0	0	0	0	1	2	4	9	3	7	2	0	0	5	21	2	8	5	1	4	8	0	0	0
2 ENGLAND E & NE																																											
Northumberland																																											
Boulmer	27	3	1016.1	–	1.9	0.9	6.0	84	6.2	1	2	5	7	13	0	0	0	0	0	1	3	4	9	8	3	0	3	7	18	0	3	3	3	3	5	4	5	2
		9	1016.9	+4.4	2.5	1.0	6.1	83	6.7	0	1	4	11	11	1	0	1	0	0	1	2	5	7	9	3	0	1	15	12	0	1	1	3	6	3	5	5	4
		15	1016.5	–	3.6	1.2	6.4	79	6.5	0	3	2	12	10	1	0	1	0	0	0	2	4	11	7	3	0	1	9	17	1	0	1	4	9	3	2	2	6
		21	1016.4	–	2.7	1.0	6.3	83	6.4	0	2	4	13	9	0	0	0	0	0	0	1	5	12	9	1	0	0	8	20	0	3	1	3	4	5	5	4	3
Tyne & Wear																																											
Newcastle Weather Centre (X)	47	3	1016.2	–	2.4	0.9	6.2	84	6.3	0	5	1	11	11	0	0	0	0	0	1	1	9	5	11	1	0	1	7	18	2	2	1	3	1	3	6	10	0
		9	1017.1	–	2.4	1.0	6.1	82	7.0	0	1	2	13	11	1	0	0	1	0	0	3	7	9	7	1	0	0	6	22	0	4	1	3	2	6	5	5	2
		15	1016.6	–	4.2	1.6	6.2	75	6.4	0	2	5	10	10	1	0	0	1	0	1	0	7	8	11	0	0	0	4	23	1	1	0	6	3	3	3	5	6
		21	1016.5	–	3.3	1.3	6.2	79	6.5	0	2	3	12	11	0	0	0	0	0	0	0	2	5	7	13	1	0	0	4	24	0	0	0	5	3	4	2	12	2
Tynemouth	40	3	1015.9	–	3.2	0.9	6.6	85	6.3	1	3	2	6	16	0	0	0	0	0	0	0	6	14	8	0	1	5	10	12	0	1	2	3	2	9	3	5	3
		9	1016.8	+3.9	3.1	0.9	6.6	85	7.0	0	1	3	8	15	1	0	1	0	0	0	2	12	9	4	0	2	2	12	12	0	5	1	1	4	9	1	6	1
		15	1016.4	–	4.2	1.1	6.9	83	6.6	1	0	6	8	12	1	0	1	0	0	2	3	10	9	3	0	1	4	12	10	1	2	2	2	4	7	3	2	5
		21	1016.3	–	3.6	1.0	6.7	83	6.9	1	0	3	10	14	0	0	0	0	0	0	2	6	14	6	0	0	5	8	15	0	2	1	3	4	10	1	4	3
North Yorkshire																																											
Fylingdales	262	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	1016.7	–	1.5	0.5	6.3	92	7.0	1	0	4	2	17	4	2	0	2	1	1	3	9	0	10	0	0	0	2	12	13	1	5	1	5	5	4	4	1	2
		21	1016.7	–	0.6	0.2	6.2	95	7.5	1	0	1	1	22	3	1	1	0	1	2	4	5	4	10	0	0	0	4	9	11	4	2	2	4	4	4	5	0	3
Leeming	37	3	1016.5	–	1.6	0.5	6.4	90	6.4	3	0	4	6	14	1	0	0	1	0	3	6	8	3	7	0	0	0	1	8	19	0	5	4	2	4	5	2	3	3
		9	1017.2	+3.9	1.4	0.6	6.2	89	6.6	0	2	3	12	9	2	0	0	1	0	5	3	7	8	2	2	0	0	8	17	3	4	2	2	3	6	4	0	4
		15	1016.5	–	3.7	1.2	6.6	81	6.6	0	1	4	14	9	0	0	0	0	0	4	4	9	8	1	2	0	0	12	16	0	5	2	3	10	0	2	1	5
		21	1016.5	–	2.4	0.8	6.5	86	6.4	2	1	2	10	13	0	0	0	0	0	2	5	10	6	5	0	0	1	5	22	0	3	3	3	4	5	2	4	4
Humberside																																											
Bridlington M R S C	19	3	1016.1	–	2.2	0.8	6.3	86	6.5	3	1	2	2	19	1	0	0	1	0	1	4	7	7	8	0	0	5	7	15	1	5	0	6	2	2	6	3	3
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1016.1	–	2.6	0.8	6.5	86	6.3	0	1	8	7	11	1	0	0	0	1	0	4	5	13	5	0	0	5	8	14	1	3	3	3	5	3	3	4	3
Easington	20	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	2.4	0.7	6.5	87	6.3	2	0	6	4	15	1	0	0	0	1	2	5	9	8	3	0	0	1	8	16	3	1	0	7	2	4	3	3	5
Lincolnshire																																											
Coningsby	8	3	1016.7	–	0.9	0.5	6.1	90	6.1	2	1	6	5	13	1	0	1	0	1	4	8	8	2	3	1	0	0	10	16	2	4	0	6	3	5	1	2	5
		9	1017.2	–	1.1	0.7	6.1	87	6.4	1	4	1	7	12	3	0	0	1	4	3	6	7	3	3	1	0	0	9	18	1	5	2	3	4	4	5	1	3
		15	1016.5	–	3.8	1.2	6.7	80	6.2	0	4	3	9	11	1	0	0	0	1	1	8	7	3	8	0	0	1	11	16	0	4	4	5	3	5	3	0	4
		21	1016.6	–	1.9	0.7	6.4	87	5.9	4	1	3	8	12	0	0	0	0	0	5	7	7	6	2	1	0	2	6	18	2	3	3	3	3	5	1	3	5
Waddington	70	3	1017.0	–	1.1	0.5	6.2	91	6.9	2	0	2	8	13	3	0	2	0	2	4	4	7	5	4	0	0	0	6	19	3	1	1	7	1	3	5	4	3
		9	1017.6	+3.8	1.3	0.5	6.3	90	6.6	0	2	3	13	9	1	0	2	3	0	1	8	7	3	4	0	0	0	11	16	1	4	2	5	3	1	8	1	3
		15	1016.9	–	3.4	1.0	6.7	83	6.4	0	4	2	9	12	1	0	0	0	1	2	7	8	7	2	1	0	0	11	16	0	2	1	7	3	3	5	1	6
		21	1017.0	–	2.0	0.7	6.4	87	6.0	3	3	1	9	11	1	0	1	1	1	1	3	9	9	3	0	0	2	6	19	1	1	4	2	4	2	5	2	7

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 EAST ANGLIA																																											
Norfolk																																										
Coltishall	19	3	1017.4	–	1.2	0.6	6.1	87	6.3	1	3	3	9	11	1	0	1	0	2	1	9	5	6	4	0	0	0	8	18	2	4	1	6	3	1	5	1	5
		9	1017.7	–	1.6	0.7	6.2	86	6.4	1	2	3	12	9	1	0	2	1	0	3	3	12	1	4	2	0	0	7	19	2	0	2	7	2	2	5	6	2
		15	1017.0	–	3.5	1.1	6.6	81	6.6	0	2	3	12	11	0	0	0	0	0	2	7	7	3	5	4	0	1	11	16	0	3	5	6	2	2	5	2	3
		21	1017.1	–	1.7	0.5	6.4	90	5.7	2	4	3	9	7	3	0	1	0	0	5	5	11	4	1	1	0	0	7	19	2	4	2	6	2	1	7	1	3
Hemsby	14	3	1017.0	–	1.5	0.7	6.2	87	6.1	1	3	2	12	8	2	1	0	1	2	3	5	8	5	3	0	0	1	12	11	4	2	2	6	3	2	4	3	2
		9	1017.4	–	1.5	0.7	6.2	87	6.7	1	1	2	12	10	2	2	0	0	4	2	5	9	2	3	1	0	2	8	18	0	0	3	7	2	5	5	5	1
		15	1016.6	–	3.3	1.0	6.6	83	6.5	0	3	2	12	9	2	0	0	1	3	2	1	9	3	7	2	0	1	15	12	0	4	1	8	2	3	5	2	3
		21	1016.7	–	1.8	0.6	6.4	89	5.3	3	3	5	7	7	3	0	2	0	2	2	7	7	6	2	0	0	2	10	15	1	3	2	5	4	4	4	4	1
Marham	24	3	1017.2	–	0.3	0.4	6.0	91	5.6	2	4	4	7	10	1	0	0	2	1	5	6	8	2	2	2	0	1	8	18	1	3	3	5	2	4	4	1	5
		9	1017.6	+3.5	0.4	0.5	6.0	89	5.9	1	5	2	8	12	0	0	0	2	3	2	9	6	3	2	1	0	1	7	19	1	1	6	2	4	7	4	0	3
		15	1016.7	–	3.3	1.0	6.7	84	6.6	0	3	3	8	14	0	0	0	0	1	1	11	5	4	5	1	0	1	12	15	0	2	5	5	5	3	3	1	4
		21	1016.9	–	1.0	0.3	6.4	93	6.4	1	3	0	12	10	2	0	0	1	3	2	5	10	3	1	3	0	2	8	18	0	4	3	3	4	5	3	0	6
Norwich	15	3	1017.3	–	1.4	0.6	6.2	88	5.8	1	3	6	8	9	1	0	0	1	0	2	9	7	5	4	0	0	0	6	21	1	3	3	5	3	2	5	0	6
Weather Centre (X)		9	1017.6	–	1.7	0.7	6.3	87	6.6	1	2	1	13	10	1	0	1	1	2	2	4	11	3	3	1	0	0	5	23	0	2	2	6	2	5	5	3	3
		15	1016.8	–	3.5	1.2	6.5	80	7.0	0	0	5	8	15	0	0	0	0	3	3	3	7	6	3	3	0	0	7	21	0	6	3	7	2	4	4	1	1
		21	1017.0	–	2.2	0.5	6.6	90	6.1	2	0	7	7	11	1	0	0	1	4	0	5	12	3	3	0	0	0	5	22	1	5	1	5	2	4	5	1	4
Cambridgeshire																																										
Wyton	43	3	1017.4	–	0.3	0.4	6.0	91	5.7	4	2	2	8	12	0	2	0	0	2	1	10	6	1	5	1	0	0	6	19	3	2	3	3	2	5	4	1	5
		9	1017.8	+3.6	0.8	0.4	6.2	91	5.9	1	3	5	9	8	2	0	1	1	0	3	11	6	1	4	1	0	0	5	23	0	3	7	2	1	4	6	3	2
		15	1016.9	–	3.7	1.1	6.8	83	6.2	0	4	3	12	8	1	0	0	0	0	2	6	9	2	8	1	0	0	9	19	0	4	4	5	2	5	4	1	3
		21	1017.3	–	1.7	0.5	6.5	89	6.6	1	1	3	13	8	2	0	0	0	1	3	6	6	6	5	1	0	0	8	20	0	4	3	4	2	3	6	0	6
Suffolk																																										
Honington	51	3	1017.4	–	0.1	0.4	6.0	92	5.4	5	1	3	11	6	2	1	0	1	1	1	13	7	1	3	0	0	0	4	22	2	4	3	3	2	4	3	3	4
		9	1017.7	+3.5	0.7	0.5	6.0	89	6.5	0	3	2	12	10	1	0	0	1	2	3	8	6	6	2	0	0	0	5	23	0	2	5	3	2	4	4	4	4
		15	1016.8	–	3.0	1.0	6.6	84	6.8	0	2	1	12	13	0	0	0	0	2	5	6	7	2	6	0	0	1	9	18	0	3	5	3	2	5	3	3	4
		21	1017.1	–	1.3	0.5	6.4	90	6.3	3	1	0	14	8	2	0	1	0	2	3	9	7	2	4	0	0	0	6	21	1	5	3	3	2	4	5	2	3
Wattisham	91	3	1017.2	–	-0.2	0.3	5.9	93	5.5	4	4	2	4	13	1	0	2	1	1	4	6	10	2	2	0	0	0	1	9	18	0	4	6	1	2	4	4	2	5
		9	1017.5	–	0.5	0.4	6.0	90	6.6	0	2	5	7	11	3	0	1	3	1	2	8	4	5	4	0	0	0	1	9	18	0	4	6	2	2	4	3	2	5
		15	1016.6	–	2.4	0.8	6.5	87	6.6	0	3	1	13	7	4	0	1	0	4	3	7	4	5	4	0	0	2	10	16	0	3	6	1	3	4	4	2	5
		21	1016.9	–	0.8	0.4	6.3	92	6.6	1	2	1	12	9	3	1	2	0	1	2	6	10	5	1	0	0	0	2	6	20	0	7	4	3	3	3	5	1	2
Essex																																										
Stansted	102	3	1017.4	–	-0.1	0.4	5.8	91	5.0	3	6	3	5	9	2	0	0	0	5	5	3	10	2	2	1	0	1	4	21	2	5	4	1	1	6	3	2	4
		9	1017.7	+3.4	0.4	0.5	5.9	89	6.5	0	4	1	10	10	3	0	1	2	2	4	8	5	4	2	0	0	1	4	23	0	6	3	2	1	6	2	4	4
		15	1016.7	–	3.0	1.0	6.5	83	6.1	1	2	4	13	8	0	0	0	0	1	4	5	9	4	3	2	0	0	1	9	18	0	3	6	2	2	3	4	1	7
		21	1017.2	–	1.2	0.5	6.2	89	6.4	2	1	3	11	9	2	0	0	2	2	3	4	10	3	4	0	0	2	4	20	2	6	2	2	4	4	3	1	4
4 MIDLAND COUNTIES																																										
West Yorkshire																																										
Leeds	60	3	1016.4	–	2.2	0.9	6.2	85	6.0	4	1	2	8	13	0	0	0	0	0	3	5	7	5	7	1	0	1	3	24	0	3	3	6	1	0	1	7	7
Weather Centre (X)		9	1017.1	–	2.1	0.8	6.3	86	6.6	0	3	1	12	8	4	0	1	3	0	3	1	11	3	4	2	0	0	5	22	1	3	3	6	2	1	1	7	4
		15	1016.3	–	4.3	1.5	6.5	77	6.6	0	1	5	11	11	0	0	0	0	0	4	2	9	7	5	1	0	0	4	24	0	3	2	4	5	3	2	5	4
		21	1016.4	–	3.1	1.0	6.5	82	6.1	1	2	3	11	11	0	0	0	0	0	3	4	7	3	10	1	0	0	1	27	0	1	2	6	3	2	4	3	7
Wilsden	267	3	1017.0	–	0.2	0.2	6.1	95	6.2	3	1	4	4	15	1	0	0	1	0	2	4	9	10	2	0	0	0	5	21	2	0	2	3	4	1	7	5	4
		9	1017.6	–	0.1	0.3	6.0	94	6.5	0	4	2	6	11	5	2	0	1	4	2	5	6	6	0	2	0	0	7	16	5	1	1	4	4	2	5	3	3
		15	1016.7	–	1.9	–	6.6	91	6.4	0	4	2	8	13	1	0	1	0	2	2	5	10	5	2	1	0	1	7	18	2	3	0	5	4	4	3	5	2
		21	1016.9	–	0.9	0.3	6.3	93	6.2	2	3	1	7	15	0	0	0	0	0	3	4	11	9	1	0	0	0	6	21	1	–	–	–	–	–	–	–	–
South Yorkshire																																										
Finningley	15	3	1016.8	–	1.4	0.5	6.3	91	6.3	0	4	2	9	10	3	0	1	0	2	3	5	10	3	2	2	0	1	7	19	1	2	0	6	2	3	4	5	5
		9	1017.4	+3.8	1.5	0.5	6.4	90	6.5	0	2	5	7	12	2	0	2	0	2	1	10	3	7	3	0	0	0	8	19	1	3	2	2	2	7	3	2	6
		15	1016.7	–	4.0	1.2	6.8	81	5.9	0	4	3	9	9	1	0	0	1	1	0	6	7	9	4	0	0	1	10	17	0	6	2	5	2	6	3	1	3
		21	1016.8	–	2.1	0.7	6.5	88	6.1	0	3	5	9	9	2	0	1	0	0	4	3	10	6	4	0	0	0	5	23	0	1	5	1	4	7	2	1	7
Nottinghamshire																																										
Nottingham	119	3	1017.1	–	0.8	0.6	6.0	89	5.8	4	3	1	5	14	1	1	0	0	1	1	7	9	7	2	0	0	0	7	21	0	3	5	5	0	1	6	5	3
Weather Centre (X)		9	1017.7	+3.8	0.7	0.6	6.0	88	6.2	0	4	3	11	8	2	1	2	1	1	3	4	11	3	0	2	0	0	4	23	1	5	6	2	1	3	6	3	1
		15	1016.7	–	3.3	1.2	6.4	79	6.2	0	4	3	12	9	0	0	0	0	1	1	4	11	9	2	0	0	1	9	18	0	6	3	7	1	4	5	1	1
		21	1017.1	–	1.7	0.7	6.2	86	5.8	1	4	4	9	10	0	0	0	0	2	1	2	13	7	3	0	0	1	5	21	1	4	5	1	1	4	6	1	5
Staffordshire																																										
Cellarhead	228	3	1017.3	–	0.2	0.5	5.8	90	5.9	3	1	5	6	10	3	0	0	0	2	0	6	14	6	0	0	0	0	5	16	7	1	1	5	3	2	4	1	4
		9	1017.6	–	0.1	0.4	5.9	92	6.7	1	1	3	6	13	4	0	2	3	1	5	5	6	6	0	0	0	0	2	23	3	2	1	6	6	2	5	2	1
		15	1016.6	–	2.8	1.0	6.4	82	6.5	1	0	4	11	11	1	0	1	0	0	4	6	12	5	0	0	0	0	6	21	1	2	3	4	5	3	3	1	6
		21	1017.3	–	0.5	0.5	5.9	89	5.9	0	2	9	3	13	1	0	0	0	1	2	5	16	4	0	0	0	0	4	20	4	3	3	3	4	3	5	0	3
Shropshire																																										
Shawbury	76	3	1017.2	–	0.6	0.5	6.0	89	5.7	2	4	3	8	9	2	1	1	0	1	4	4	4	7	4	2	0	0	5	18	5	2	1	5	2	4	1	6	2
		9	1017.6	+3.7	1.2	0.6	6.1	88	6.4	1	3	1	12	10	1	0	1	0	2	0	8	9	1	6	1	0	0	5	20	3	2	2	7	3	3	2	2	4
		15	1016.5	–	4.3	1.5	6.5	76	6.3	0	2	5	13	7	1	0	0	0	0	2	3	9	3	9	2	0	0	12	15	1	5	2	5	2	4	5	1	3
		21	1017.2	–	1.6	0.8	6.1	85	6.1	1	4	1	11	10	1	0	0	0	1	2	4	7	8	5	1	0	0	4	20	4	2	3	2	3	3	4	1	6
West Midlands																																										
Elmdon	99	3	1017.5	–	0.7	0.5	6.0	90	6.3	2	2	2	9	12	1	0	0	1	1	3	7	8	7	0	1	0	0	6	20	2	4	4	2	4	3	4	3	2
		9	1017.8	+3.7	1.2	0.6	6.2	88	6.0	1	5	1	9	12	0	0	0	0	1	2	7	11	4	3	0	0	0	3	24	1	6	2	4	0	6	5	2	2
		15	1016.7	–	3.9	1.4	6.5	76	6.3	0	3	5	10	10	0	0	0	0	0	0	2	12	9	5	0	0	0	7	21	0	3	4	4	2	6	4	2	3
		21	1017.4	–	1.6	0.7	6.3	87	5.6	2	4	3	9	9	1	0	0	0	0	3	5	12	6	1	1	0	0	5	20	3	2	6	1	1	2	8	2	3
Hereford & Worcester																																										
Great Malvern	46	9	1017.6	–	1.4	0.4	6.5	91	6.1	0	5	2	8	13	0	0	0	0	1	2	4	6	7	8	0	0	0	0	2	24	2	5	3	6	4	1	3	1	3
		15	1016.5	–	4.9	1.1	7.4	81	6.4	0	2	5	11	10	0	0	0	0	0	1	4	7	12	4	0	0	0	0	2	26	0	7	6	1	3	5	3	1	2
		21	1017.4	–	2.2	0.6	6.7	89	5.1	4	6	1	6	11	0	0	0	0	0	1	1	3	7	13	3	0	0	0	0	2	23	3	4	5	0	4	2	2	3	5

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount (Oktas): Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility (Number of observations): 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force 8 or more	6-7	4-5	1-3	Calm	Speed (kn) 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
4 MIDLAND COUNTIES - Continued																																											
Hereford & Worcester - Continued																																											
Madley	79	3	1017.5	–	0.1	0.4	6.0	92	5.5	7	2	0	1	17	1	0	0	0	0	1	2	9	13	3	0	0	1	3	12	12	0	2	2	2	6	1	2	1
		9	1017.8	–	1.3	–	–	–	6.8	2	1	2	5	16	2	0	0	0	2	3	4	10	6	3	0	0	0	0	4	13	11	1	4	1	1	6	0	3	1
		15	1016.7	–	4.6	1.5	6.8	77	6.7	1	0	3	14	10	0	0	0	0	0	0	1	1	12	10	4	0	0	0	0	5	16	7	4	2	3	0	7	3	1	1
		21	1017.7	–	1.6	–	–	–	5.3	8	0	3	1	16	0	–	–	–	–	–	–	–	–	–	–	0	0	3	15	10	2	4	2	1	4	0	2	3
Oxfordshire																																										
Brize Norton	92	3	1017.6	–	0.5	0.4	6.0	90	5.4	4	3	2	9	10	0	0	0	0	1	2	5	14	4	1	1	0	0	2	22	4	3	7	1	1	2	4	3	3
		9	1017.9	–	0.3	0.5	5.9	89	6.0	1	5	1	10	10	1	0	1	4	1	4	8	3	3	3	1	0	0	5	21	2	3	6	2	0	5	4	5	1
		15	1016.7	–	3.9	1.2	6.7	80	6.1	0	3	4	13	7	1	0	0	0	2	0	2	10	9	5	0	0	0	6	22	0	3	5	4	2	6	5	0	3
		21	1017.5	–	1.6	0.7	6.3	87	4.9	5	4	4	6	8	1	0	1	0	0	0	5	10	8	4	0	0	0	6	21	1	4	8	0	0	2	7	3	3
5 ENGLAND SE & CENT. S																																										
Greater London																																										
Heathrow	26	3	1017.5	–	1.2	0.5	6.3	90	5.1	5	4	2	8	9	0	0	1	0	0	1	10	11	3	1	1	0	0	3	21	4	6	2	1	1	4	3	2	5
		9	1017.7	+3.2	1.6	0.6	6.4	88	6.5	1	1	2	16	6	2	0	1	0	1	3	7	9	5	2	0	0	0	2	24	2	5	5	0	1	4	3	6	2
		15	1016.6	–	4.6	1.4	6.8	77	6.5	0	3	2	12	11	0	0	0	0	0	1	8	7	5	6	1	0	0	5	22	1	6	8	0	0	7	1	3	2
		21	1017.2	–	2.6	0.8	6.6	85	5.5	3	3	3	9	9	1	0	0	0	1	1	4	13	6	2	1	0	0	3	25	0	7	5	1	3	6	3	1	2
London	24	3	1017.3	–	2.5	0.9	6.4	84	5.5	4	3	1	12	8	0	0	0	0	0	2	1	16	7	1	1	0	0	7	21	0	4	8	1	2	2	6	1	4
Weather Centre (X)		9	1017.5	–	2.8	1.0	6.5	83	6.3	1	3	2	14	8	0	0	0	0	0	3	5	10	8	1	1	0	1	8	19	0	3	8	2	1	4	4	5	1
		15	1016.5	–	5.0	1.7	6.7	74	6.3	1	2	4	11	10	0	0	0	0	0	1	3	9	10	4	1	0	1	11	16	0	2	10	2	0	3	7	2	2
		21	1017.1	–	3.4	1.1	6.6	82	6.0	1	2	4	14	7	0	0	0	0	0	2	2	14	6	3	1	0	0	8	20	0	5	9	1	3	0	7	2	1
Wiltshire																																										
Lyneham	149	3	1017.8	–	0.0	0.3	6.0	91	5.1	4	4	3	7	10	0	0	0	1	2	6	7	8	1	3	0	0	0	7	21	0	1	8	2	1	4	7	4	1
		9	1018.0	+3.5	0.3	0.3	6.1	92	6.0	1	4	3	9	10	1	0	0	1	3	4	7	2	5	4	2	0	0	6	22	0	1	6	3	2	6	4	3	3
		15	1016.6	–	3.5	1.1	6.6	81	6.3	0	3	3	15	7	0	0	0	0	1	3	4	7	7	6	0	0	0	12	16	0	4	4	5	1	4	6	2	2
		21	1017.6	–	0.9	0.5	6.1	89	5.2	2	6	4	6	9	1	0	1	0	1	4	6	5	5	5	1	0	0	4	23	1	4	6	3	1	2	8	0	3
Berkshire																																										
Easthampstead	75	9	1018.1	–	0.3	0.3	6.1	92	6.2	1	3	2	13	9	0	1	0	1	2	4	6	10	2	1	1	0	0	0	21	7	2	5	3	0	3	6	2	0
		15	1017.0	–	3.9	1.1	6.9	81	6.0	1	5	2	9	11	0	0	0	0	0	0	5	12	4	7	0	0	0	0	27	1	6	4	5	2	3	3	1	3
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kent																																										
Langdon Bay	121	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1017.6	–	1.2	0.4	6.4	91	6.1	2	2	5	5	10	4	3	1	0	0	1	6	6	8	3	0	0	5	13	9	1	1	5	5	2	3	4	1	6
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manston	45	3	1017.5	–	1.2	0.5	6.2	89	6.0	3	2	1	13	7	2	0	0	1	3	1	9	9	4	0	1	0	0	11	17	0	2	5	5	1	4	2	4	5
		9	1017.7	–	1.3	0.5	6.3	89	6.0	1	1	7	10	5	4	1	2	0	2	2	6	12	2	1	0	0	0	9	18	1	1	4	6	2	5	3	3	3
		15	1016.9	–	3.3	1.1	6.6	81	6.1	0	2	5	14	6	1	0	0	0	1	0	4	8	9	2	4	0	0	1	9	18	0	3	6	3	2	5	1	5	3
		21	1017.3	–	1.7	0.7	6.3	86	6.4	2	1	3	11	10	1	1	0	0	1	3	9	7	7	0	0	0	1	8	19	0	3	5	6	1	2	7	1	3
Ulcombe	47	9	1017.8	–	0.6	0.4	6.1	91	6.3	1	3	2	12	6	4	0	1	2	1	3	6	13	2	0	0	0	0	2	24	2	5	3	5	2	1	3	4	3
		21	1017.4	–	1.4	0.5	6.4	91	5.3	6	1	5	0	13	3	0	0	1	1	0	3	21	2	0	0	0	0	4	20	4	9	1	6	0	1	2	3	2
Hampshire																																										
Solent	9	3	1017.8	–	1.4	0.6	6.3	88	4.4	9	2	3	4	9	1	0	0	1	1	0	2	6	13	5	0	0	2	7	16	3	4	8	3	0	2	4	1	3
M R S C		9	1018.0	–	1.3	0.5	6.3	89	5.5	4	2	4	3	15	0	0	0	2	1	0	3	12	6	4	0	1	1	9	13	4	7	6	2	1	3	2	2	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1017.6	–	2.5	0.7	6.5	86	5.5	5	1	5	1	15	1	0	0	0	1	0	0	7	17	3	0	0	2	5	19	2	4	8	2	0	3	5	0	4
Southampton	9	3	1017.8	–	1.6	0.6	6.3	87	4.4	7	4	3	4	9	1	0	1	0	0	5	3	9	8	2	0	0	0	1	27	0	2	9	2	1	1	4	4	5
Weather Centre (X)		9	1018.0	–	1.7	0.7	6.3	87	5.6	2	4	4	9	7	2	1	0	1	1	2	8	8	4	3	0	0	0	0	28	0	4	9	2	3	2	0	7	1
		15	1016.9	–	5.0	1.6	6.8	75	5.7	1	4	4	11	8	0	0	1	0	0	1	3	10	9	4	0	0	0	5	23	0	2	4	7	3	5	2	2	3
		21	1017.6	–	3.0	0.9	6.7	84	5.4	2	5	3	8	9	1	0	0	1	1	0	3	10	9	4	0	0	0	2	26	0	4	9	2	0	3	3	3	4
Isle of Wight																																										
St Catherine's Point	16	3	–	–	2.2	0.7	6.5	86	4.4	4	5	9	3	7	0	0	0	0	0	1	0	0	4	11	11	1	0	2	10	15	1	3	8	5	0	0	3	5	3
		9	–	–	2.4	0.8	6.4	84	5.7	0	6	2	12	6	2	1	0	1	0	0	0	7	8	11	0	0	2	9	17	0	4	3	9	0	1	3	4	4
		15	–	–	4.1	1.2	6.7	79	6.1	1	2	5	9	9	2	0	0	2	1	0	1	4	11	9	0	0	1	11	14	2	1	2	9	1	1	3	6	3
		21	–	–	2.9	0.9	6.5	83	4.8	5	2	7	4	8	2	0	0	2	0	0	0	5	9	11	1	0	2	6	18	2	4	4	7	0	1	2	3	5
Wellow	25	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1017.6	–	1.9	0.5	6.7	90	5.6	5	2	2	5	12	2	0	0	2	1	1	12	4	5	3	0	0	1	4	22	1	4	3	5	2	0	6	6	1
West Sussex																																										
Gatwick	64	3	1017.9	–	0.3	0.4	6.0	90	5.9	4	2	1	8	11	2	1	2	1	0	2	7	10	4	0	1	0	0	3	22	3	1	5	3	0	7	2	2	5
		9	1018.1	+3.3	0.6	0.4	6.1	91	6.3	1	3	1	14	9	0	0	0	1	1	6	10	8	1	1	0	0	0	1	23	4	7	2	2	2	4	3	2	2
		15	1017.0	–	4.0	1.3	6.6	78	6.2	0	2	8	8	10	0	0	0	0	0	1	7	9	7	3	1	0	0	4	24	0	4	7	1	1	7	4	2	2
		21	1017.6	–	1.7	0.6	6.4	88	5.8	3	2	3	8	12	0	0	0	0	0	3	8	12	4	0	1	0	0	2	25	1	9	2	3	0	6	2	1	4
East Sussex																																										
Herstmonceux	25	3	1017.8	–	0.8	0.5	6.1	89	5.3	3	3	6	7	9	0	0	1	1	0	2	3	13	3	4	1	0	1	2	24	1	6	6	3	0	2	3	2	5
		9	1018.1	–	1.0	0.6	6.1	87	6.1	1	3	4	10	7	3	0	1	2	0	0	7	13	3	2	0	0	1	5	21	1	7	5	2	2	2	4	3	2
		15	1017.2	–	3.6	1.3	6.4	78	6.2	0	2	5	11	9	1	0	0	0	2	1	3	10	7	5	0	0	1	6	20	1	1	8	1	3	3	4	4	3
		21	1017.7	–	1.5	0.6	6.3	87	5.7	1	5	3	5	13	1	0	1	0	0	2	2	13	5	5	0	0	1	3	22	2	7	8	1	0	1	2	4	3
7A ENGLAND NW & I.o.M.																																										
Cumbria																																										
Aspatria	64	9	1017.0	–	1.3	0.6	6.1	88	6.1	0	5	2	11	10	0	0	0	0	0	2	0	2	6	6	8	4	0	1	5	18	4	1	2	6	4	1	7	3	0
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1016.4	–	1.9	0.7	6.3	87	5.1	2	7	1	9	9	0	0	0	0	0	0	0	1	13	1	10	3	0	0	8	16	4	4	2	6	2	5	5	0	0
Eskmeals	9	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount (Oktas): Mean	Cloud amount (Oktas): 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility (Number of observations): 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
7A ENGLAND NW & I.o.M. - Continued																																										
Lancashire																																										
Aughton	56	3	1016.7	–	1.7	0.6	6.3	88	5.5	0	5	6	8	9	0	0	0	0	0	2	0	2	7	15	2	0	1	4	23	0	4	3	6	4	4	2	4	1
		9	1017.1	–	1.7	0.6	6.3	89	6.2	0	4	2	14	7	1	0	0	1	2	1	2	12	3	4	3	0	0	4	24	0	4	3	8	6	1	3	3	0
		15	1016.2	–	4.3	1.3	6.8	79	5.7	0	5	4	11	8	0	0	0	0	1	0	2	8	6	5	6	0	0	7	21	0	3	2	5	5	4	3	2	4
		21	1016.7	–	2.4	0.8	6.5	86	5.1	0	9	3	8	8	0	0	0	0	0	1	3	9	10	5	0	0	0	5	21	2	4	4	4	2	3	5	4	0
Squires Gate	11	9	1017.2	+4.1	1.8	0.6	6.3	88	5.7	1	4	3	16	2	2	0	0	2	2	1	4	10	6	2	1	0	0	8	20	0	3	5	8	4	1	3	2	2
		15	1016.3	–	4.4	1.3	6.8	79	5.7	0	5	3	16	4	0	0	0	0	0	0	5	7	8	5	3	0	1	11	16	0	5	3	5	5	3	4	1	2
Merseyside																																										
Crosby	9	3	1016.5	–	1.8	0.6	6.3	88	5.0	3	6	4	2	13	0	0	0	0	1	0	2	3	4	17	1	0	2	5	18	3	3	2	4	5	4	1	5	1
		9	1016.8	–	1.5	0.6	6.3	90	6.1	0	5	4	3	16	0	0	0	0	0	3	5	9	2	8	1	0	1	7	19	1	3	4	4	7	4	2	3	0
		15	1016.0	–	4.3	1.1	7.0	82	6.0	1	2	7	3	15	0	0	0	0	0	2	3	3	10	8	2	0	0	8	19	1	2	3	1	6	5	3	3	4
		21	1016.4	–	2.0	0.7	6.3	87	5.4	4	1	8	1	14	0	0	1	0	0	1	0	3	3	17	3	1	0	7	17	3	4	5	1	2	4	5	3	1
Greater Manchester																																										
Ringway	84	3	1016.8	–	1.0	0.6	6.0	88	5.7	1	4	3	11	8	1	0	0	0	1	4	8	7	6	2	0	0	0	6	19	3	3	3	4	2	8	3	1	1
		9	1017.3	+3.8	1.7	0.8	6.2	85	5.6	1	6	0	15	6	0	0	0	0	1	1	6	11	5	3	1	0	0	5	23	0	1	3	5	3	9	2	2	3
		15	1016.3	–	4.6	1.7	6.4	73	5.8	0	5	2	16	4	1	0	0	0	1	0	3	9	7	7	1	0	0	7	20	1	1	3	3	2	10	0	3	5
		21	1016.8	–	2.2	0.9	6.2	83	5.1	2	3	8	11	4	0	0	0	0	0	2	5	7	11	3	0	0	1	5	20	2	1	6	2	2	9	1	1	4
Isle of Man																																										
Calf of Man	93	3	–	–	–	–	–	–	5.1	0	6	9	5	7	1	0	1	0	0	0	0	1	5	16	5	0	5	9	14	0	2	3	4	3	10	0	4	2
		9	–	–	–	–	–	–	6.0	0	3	7	10	8	0	0	0	0	0	0	0	2	3	17	6	0	2	16	10	0	4	1	6	2	10	2	2	1
		15	–	–	–	–	–	–	6.3	0	2	6	10	9	1	0	1	0	0	0	0	2	6	13	6	1	3	10	14	0	4	3	8	3	7	1	0	2
		21	–	–	–	–	–	–	5.9	0	5	5	8	10	0	0	0	0	0	0	0	2	7	15	4	2	1	12	12	1	3	3	4	3	10	0	1	3
Point of Ayre	11	3	1015.6	–	3.6	0.8	7.0	86	4.5	5	6	4	3	10	0	0	0	0	0	0	0	0	7	15	6	0	3	15	10	0	3	5	2	6	4	4	4	0
		9	1016.2	+3.9	3.5	0.9	6.8	84	6.1	0	4	3	9	12	0	0	0	0	0	0	0	0	11	11	6	0	2	14	11	1	2	7	1	7	2	5	1	2
		15	1015.3	–	5.0	1.3	7.0	79	6.1	0	4	3	13	8	0	0	0	0	0	0	0	2	5	16	5	0	2	12	12	2	1	5	3	8	3	4	0	2
		21	1015.5	–	3.8	0.9	6.9	84	4.7	7	2	4	4	11	0	0	0	0	0	0	0	0	5	14	9	0	1	11	15	1	2	5	2	5	3	7	0	3
Ronaldsway	21	3	1016.0	–	3.2	0.9	6.7	85	5.5	0	7	3	9	8	1	0	0	0	0	1	0	1	6	9	8	3	0	3	13	12	0	8	1	4	5	4	1	3	2
		9	1016.5	+3.9	3.3	1.0	6.6	83	6.3	0	3	2	17	6	0	0	0	0	0	0	1	7	6	10	4	0	1	14	12	1	6	3	6	4	2	4	2	0
		15	1015.6	–	4.7	1.4	6.8	78	6.4	0	3	2	17	6	0	0	0	0	0	0	3	7	9	2	7	0	4	13	11	0	2	5	8	1	5	4	0	3
		21	1016.0	–	3.1	0.8	6.8	86	5.3	0	8	4	7	9	0	0	0	0	0	0	0	10	10	6	2	0	3	10	13	2	7	1	5	1	5	2	2	3
7B WALES N																																										
Gwynedd																																										
Nantmor	52	9	–	–	2.4	–	–	–	5.7	2	4	4	6	12	0	0	0	1	0	0	0	8	4	0	15	0	0	1	11	16	4	0	1	0	6	0	0	1
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Valley	11	3	1016.2	–	2.8	0.7	6.7	87	5.0	6	3	1	8	10	0	0	0	0	0	0	3	9	7	8	1	0	3	6	17	2	2	7	1	4	6	2	2	2
		9	1016.5	+3.7	3.1	0.8	6.8	86	5.6	0	7	2	11	8	0	0	0	0	0	0	4	7	5	7	5	0	1	10	16	1	4	6	3	4	6	2	2	0
		15	1015.7	–	5.4	1.6	6.9	75	6.0	0	4	3	15	6	0	0	0	0	0	0	2	6	5	10	5	0	2	10	15	1	5	7	2	0	7	3	2	1
		21	1016.3	–	3.1	0.8	6.8	86	5.5	0	6	5	7	10	0	0	0	0	0	0	1	9	6	11	1	0	3	5	16	4	2	8	1	0	7	3	2	1
Clwyd																																										
Moel-y-Crio	263	9	1017.3	–	0.7	0.4	6.1	91	6.3	0	4	3	7	12	2	1	2	1	2	1	2	5	7	6	1	0	2	9	16	1	6	1	1	4	7	2	5	1
		15	1016.3	–	2.8	0.9	6.5	84	6.0	0	4	4	10	10	0	1	0	1	1	4	1	3	5	10	2	0	4	13	11	0	6	2	1	2	6	3	5	3
		21	1017.1	–	0.9	–	6.2	92	5.9	3	1	5	6	13	0	0	0	0	1	0	2	8	11	5	1	0	3	10	15	0	3	2	1	3	6	5	5	3
8A WALES S																																										
Dyfed																																										
Aberporth	134	3	1016.5	–	2.2	0.7	6.5	87	4.8	5	5	2	5	10	1	0	2	0	0	0	3	9	7	6	1	1	3	13	11	0	4	3	3	7	7	3	0	1
		9	1016.5	+3.1	2.3	0.6	6.7	88	6.1	0	5	1	14	8	0	0	0	1	0	0	0	11	15	0	1	1	1	17	8	1	2	4	5	6	7	2	1	0
		15	1015.8	–	4.0	1.1	6.8	81	6.2	0	3	4	14	6	1	0	1	0	0	0	2	5	13	5	2	1	3	12	12	0	7	2	4	5	6	0	2	2
		21	1016.7	–	2.5	0.7	6.6	86	4.6	3	7	4	7	6	1	0	1	0	0	0	1	9	8	7	2	0	3	12	13	0	3	4	4	5	7	3	2	0
Brawdy	116	3	1016.6	–	1.7	0.4	6.7	92	5.4	2	4	6	6	10	0	0	0	0	2	1	0	4	8	6	6	1	0	2	10	16	0	2	4	6	8	1	4	2	1
		9	1016.6	–	2.1	0.4	6.8	92	5.4	0	7	3	10	8	0	0	0	0	1	2	0	3	8	12	1	1	0	0	14	14	0	1	5	9	5	4	2	2	0
		15	1015.9	–	4.2	0.9	7.3	85	5.8	1	3	6	9	9	0	0	0	0	1	1	2	8	7	7	2	0	1	16	11	0	5	5	3	5	0	7	2	1
		21	1016.9	–	2.4	0.5	6.9	90	5.6	2	3	5	9	9	0	0	0	1	0	0	4	8	7	6	2	0	2	11	15	0	3	3	9	3	3	6	1	0
Milford Haven	39	3	1017.0	–	2.7	0.5	7.0	90	4.5	8	2	5	1	12	0	0	0	2	0	0	1	8	15	2	0	0	2	8	16	2	2	5	10	2	3	2	1	1
		9	1017.0	+3.4	3.0	0.4	7.3	92	6.1	2	1	6	4	14	1	0	0	1	0	1	1	11	12	2	0	0	1	12	15	0	2	6	9	1	5	1	2	2
		15	1016.4	–	5.1	1.0	7.5	84	6.5	0	0	8	9	11	0	0	0	0	0	0	0	13	10	5	0	0	2	11	15	0	3	7	7	0	5	3	1	2
		21	1017.3	–	3.6	0.6	7.3	89	4.7	6	1	8	5	8	0	0	0	0	0	0	1	5	19	3	0	0	3	7	14	4	6	5	4	1	3	4	1	0
West Glamorgan																																										
Mumbles Head	32	3	1017.1	–	2.1	0.4	6.7	91	5.5	3	5	2	4	12	2	0	0	0	2	0	0	8	12	6	0	0	2	10	15	1	5	7	5	2	3	2	1	2
		9	1017.3	+2.3	2.1	0.5	6.7	91	6.0	1	3	6	4	13	1	0	0	2	0	1	1	12	10	2	0	0	2	14	12	0	6	4	9	3	1	3	2	0
		15	1016.3	–	4.3	0.8	7.4	87	6.1	0	3	4	12	9	0	0	0	0	0	1	1	15	6	5	0	0	3	11	14	0	4	2	8	0	5	5	3	1
		21	1017.4	–	2.9	0.6	7.0	89	4.6	4	6	4	4	10	0	0	0	0	0	1	0	3	16	8	0	0	3	7	16	2	8	3	4	1	2	4	2	2
Mid Glamorgan																																										
Cwmbargoed	372	9	–	–	0.3	0.2	6.2	95	6.5	0	1	5	6	10	6	3	1	2	5	1	1	8	1	6	0	1	1	9	13	4	2	5	6	3	1	4	0	3
South Glamorgan																																										
Rhoose	74	3	1017.5	–	1.3	0.5	6.3	90	5.7	4	1	6	4	10	3	1	1	0	0	3	5	8	6	4	0	0	1	8	19	0	1	8	6	1	2	3	3	4
		9	1017.7	+3.4	1.4	0.5	6.3	89	6.4	0	2	5	12	8	1	0	2	2	0	0	0	9	7	6	2	0	0	0	8	20	0	0	13	4	1	4	2	3	1
		15	1016.5	–	4.1	1.2	6.8	79	5.5	0	7	2	12	7	0	0	0	1	0	0	2	8	10	7	0	0	0	0	9	19	0	2	4	8	1	4	2	4	3
		21	1017.7	–	1.9	0.6	6.4	87	5.5	2	4	4	10	8	0	0	0	1	0	0	3	7	10	7	0	0	0	0	5	23	0	5	7	3	3	1	3	4	2
8B ENGLAND SW																																										
Avon																																										
Bristol	40	3	1017.6	–	2.0	0.7	6.4	87	5.6	3	5	1	5	13	1	0	2	0	0	1	4	14	5	2	0	0	0	2	18	8	1	5	3	2	1	5	2	1
Weather Centre (X)		9	1017.8	+3.4	2.5	0.8	6.6	86	6.0	1	4	2	11	9	1	0	1	0	1	1	7	11	4	3	0	0	0	2	18	8	1	7	2	2	1	4	2	1
		15	1016.5	–	5.3	1.8	6.7	72	6.0	0	4	3	14	7	0	0	0	0	0	0	2	13	8	5	0	0	0	0	4	23	1	4	3	6	1	3	9	0	1
		21	1017.6	–	3.3	1.0	6.6	82	5.2	1	7	3	8	9	0	0	0	1	0	0	1	14	8	4	0	0	0	0	2	18	8	4	2	4	1	0	5	2	2

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
8B ENGLAND SW - Continued																																											
Somerset																																											
Tivington	83	3	1017.5	–	1.4	0.6	6.3	88	5.0	2	8	1	9	8	0	0	0	1	0	1	5	11	6	4	0	0	0	4	22	2	2	2	8	3	6	4	0	1
		9	1017.7	–	1.9	0.6	6.6	89	6.4	1	3	3	9	12	0	0	0	0	1	0	10	10	5	2	0	0	0	3	24	1	0	0	9	3	2	8	3	2
		15	1016.6	–	4.6	1.2	7.1	80	5.9	1	5	2	10	10	0	0	0	0	0	1	7	9	6	5	0	0	0	5	23	0	1	0	10	4	0	5	3	5
		21	1017.8	–	2.3	0.6	6.6	88	5.3	1	7	3	8	9	0	0	0	0	0	1	4	13	4	6	0	0	0	5	22	1	6	2	2	5	1	4	5	2
Yeovilton	23	3	1017.6	–	0.0	0.4	6.0	92	4.8	4	7	2	3	11	1	0	0	2	1	5	5	7	5	3	0	0	0	5	17	6	3	4	5	1	2	4	3	0
		9	1017.8	–	0.4	0.4	6.1	90	5.6	1	6	3	7	9	2	3	1	0	1	3	9	8	2	1	0	0	0	5	17	6	2	5	4	2	5	1	3	0
		15	1016.5	–	4.6	1.5	6.8	76	5.9	0	5	4	10	9	0	0	0	0	0	0	11	10	6	1	0	0	0	1	5	20	2	3	4	8	0	4	4	1	2
		21	1017.6	–	1.7	0.5	6.5	90	5.2	5	3	3	5	12	0	0	0	0	1	2	9	8	4	4	0	0	0	5	16	7	1	4	3	1	2	6	3	1
Dorset																																											
Hurn	11	3	1017.9	–	0.5	0.4	6.1	91	4.6	5	3	8	5	6	1	0	0	2	1	2	6	6	8	2	1	0	1	3	23	1	6	5	1	2	3	4	3	3
		9	1018.1	+3.2	0.6	0.4	6.2	91	5.1	0	8	4	9	6	1	0	1	0	3	1	8	8	5	2	0	0	1	4	23	0	11	4	2	2	3	1	2	3
		15	1017.0	–	4.9	1.4	6.9	76	5.5	1	4	8	7	8	0	0	0	0	1	0	2	13	7	4	1	0	1	8	19	0	4	6	4	1	7	3	0	3
		21	1017.8	–	1.6	0.5	6.5	89	4.6	5	4	6	6	7	0	0	0	0	2	1	8	6	5	6	0	0	1	3	23	1	4	6	2	1	3	2	3	6
Portland	54	9	1017.8	–	3.0	0.7	6.9	87	5.6	0	5	7	5	9	2	0	0	1	2	0	3	11	9	2	0	0	1	19	7	1	3	8	4	3	3	2	2	2
Bill C.G.		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Devon																																										
Exeter	38	3	1017.5	–	0.9	0.5	6.3	90	4.8	8	0	4	6	9	1	1	1	0	1	1	3	14	4	3	0	0	1	5	20	2	6	8	2	2	3	3	0	2
		9	1017.7	+3.2	1.1	0.5	6.3	88	4.9	2	8	3	4	11	0	0	1	0	0	1	5	9	9	3	0	0	0	5	18	5	5	7	3	1	5	1	0	1
		15	1016.5	–	5.0	1.5	6.9	76	6.1	0	2	6	14	6	0	0	0	0	1	1	0	9	6	10	1	0	1	12	15	0	5	7	1	1	4	5	0	5
		21	1017.7	–	2.3	0.6	6.7	88	5.3	2	3	7	8	8	0	0	0	0	1	1	3	7	11	5	0	0	0	5	21	2	5	7	2	0	5	3	1	3
Lundy	43	3	–	–	4.1	0.7	7.4	88	5.2	4	5	2	4	13	0	0	1	1	1	1	0	3	13	8	0	2	4	6	15	1	6	5	3	0	5	4	4	0
		9	–	–	4.2	0.7	7.4	87	5.6	1	6	2	7	12	0	0	0	1	0	0	0	5	15	7	0	1	6	8	12	1	5	7	3	1	5	3	3	0
		15	–	–	5.2	1.0	7.6	84	5.4	0	6	6	8	8	0	0	0	0	0	0	3	3	16	6	0	1	5	12	9	1	6	3	5	0	7	3	3	0
		21	–	–	4.6	0.8	7.5	86	4.1	3	9	6	2	8	0	0	0	0	0	0	1	5	11	11	0	1	7	9	10	1	8	4	4	0	5	2	4	0
Mount Batten	28	3	1017.1	–	2.9	0.7	6.9	87	5.5	2	4	5	8	9	0	0	0	1	0	1	3	13	7	3	0	0	2	6	19	1	3	3	11	2	1	4	1	2
		9	1017.1	+2.8	2.7	0.7	6.9	86	5.2	2	5	4	8	9	0	0	0	0	0	0	4	15	8	1	0	0	1	11	15	1	3	4	10	2	3	3	1	1
		15	1016.3	–	5.7	1.5	7.3	75	5.5	0	7	3	11	7	0	0	0	0	1	0	3	10	6	6	2	0	3	11	14	0	3	3	9	1	4	4	2	2
		21	1017.4	–	3.5	0.8	7.1	85	4.9	2	7	4	8	7	0	0	0	0	0	1	0	11	12	4	0	0	1	6	20	1	5	7	4	0	2	5	3	1
Cornwall																																										
Camborne	88	3	1016.6	–	3.4	0.8	7.0	85	4.9	1	6	9	4	8	0	0	0	0	1	0	3	8	6	9	1	0	3	11	14	0	3	3	6	3	8	3	1	1
		9	1016.5	–	3.9	0.8	7.3	85	5.9	0	5	4	7	12	0	0	0	0	0	1	4	11	8	3	1	0	3	13	12	0	2	4	8	4	6	2	1	1
		15	1016.1	–	5.5	1.2	7.6	81	5.7	0	3	8	9	8	0	0	1	0	0	0	2	8	8	7	2	0	3	16	9	0	4	2	6	2	6	1	4	3
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Culdrose	84	3	1016.7	–	3.6	0.7	7.2	86	5.7	1	3	7	5	12	0	0	0	1	1	0	3	9	7	7	0	0	3	6	17	2	2	7	4	1	3	4	3	2
		9	1016.5	–	4.2	0.7	7.5	87	6.5	0	3	2	11	12	0	0	0	1	0	1	1	3	13	6	3	0	0	2	13	13	0	1	8	6	3	4	5	0	1
		15	1016.1	–	5.9	1.3	7.7	80	6.1	1	0	8	8	11	0	0	0	2	0	0	4	7	7	8	0	0	3	16	9	0	2	4	8	1	3	4	3	3
		21	1017.2	–	4.2	0.8	7.4	87	6.1	0	1	10	5	12	0	0	0	1	0	1	2	8	11	5	0	0	2	11	15	0	4	8	5	2	1	5	3	0
Gwennap Head	70	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	1016.1	–	5.8	1.0	8.0	84	6.0	0	3	6	7	10	2	2	0	0	0	0	1	8	6	7	4	1	5	17	4	1	3	3	6	2	3	5	3	2
		21	1017.1	–	4.6	0.9	7.5	85	5.3	2	5	5	5	10	1	1	0	0	0	0	0	4	7	11	5	1	5	14	8	0	3	7	4	2	3	5	1	3
St Mawgan	107	3	1016.8	–	2.6	0.7	6.8	87	5.5	3	2	6	7	10	0	0	1	0	0	0	3	11	4	5	4	0	2	10	15	1	2	3	9	3	5	3	0	2
		9	1016.7	+2.6	3.2	0.7	7.1	86	5.0	1	9	2	4	11	1	0	1	0	1	0	1	11	10	2	2	0	1	15	12	0	1	4	10	3	6	2	1	1
		15	1016.2	–	5.6	1.4	7.4	78	5.5	0	5	7	8	8	0	0	1	0	0	0	3	8	5	5	6	0	3	12	13	0	5	4	6	1	4	3	4	1
		21	1017.3	–	3.1	0.7	7.0	87	5.2	3	5	3	10	7	0	0	1	1	0	0	1	11	5	8	1	0	2	8	18	0	3	4	9	2	4	1	3	2
CHANNEL ISLANDS																																										
Channel Islands																																										
Guernsey Airport	107	3	1017.1	–	3.4	0.9	6.8	83	5.6	2	4	2	11	9	0	0	1	1	0	0	4	9	5	6	2	0	0	14	14	0	4	1	8	3	5	5	1	1
		9	1017.2	–	3.4	1.0	6.8	83	6.0	0	3	3	16	6	0	0	3	0	1	0	1	11	4	4	4	0	0	15	13	0	3	2	10	2	6	2	1	2
		15	1016.4	–	4.7	1.2	7.1	80	6.0	0	2	5	16	5	0	0	0	1	0	1	2	9	6	8	1	0	0	16	12	0	3	3	8	3	2	5	3	1
		21	1017.2	–	4.0	1.0	6.9	82	5.1	1	5	6	9	6	1	0	2	0	0	1	1	10	1	10	3	0	1	16	11	0	5	3	9	1	4	3	3	0
Jersey Airport	94	3	1017.4	–	2.3	0.7	6.5	86	4.3	5	7	2	8	6	0	0	2	0	1	2	3	5	10	4	1	0	0	16	11	1	4	0	10	1	6	4	0	2
		9	1017.9	+3.0	2.7	0.8	6.7	86	5.9	0	5	3	12	8	0	1	1	0	1	2	6	7	3	6	1	0	0	14	13	1	2	2	12	3	5	2	0	1
		15	1016.7	–	4.7	1.3	7.1	79	6.0	0	3	5	11	9	0	0	1	0	1	1	2	8	7	7	1	0	0	18	10	0	1	1	13	1	3	3	4	2
		21	1017.5	–	3.2	0.8	6.9	85	4.5	4	6	5	7	5	1	1	0	0	0	1	4	7	5	8	2	0	1	12	15	0	4	3	11	1	2	3	3	1
NORTHERN IRELAND																																										
Antrim																																										
Aldergrove	73	3	1015.7	–	2.0	0.7	6.4	88	5.0	3	6	2	8	9	0	0	0	1	0	0	1	8	8	9	1	0	0	2	25	1	0	3	6	5	10	3	0	0
		9	1016.0	+3.8	2.1	0.7	6.3	87	6.1	1	2	3	19	3	0	0	1	0	1	1	3	6	5	11	0	0	0	4	21	3	1	2	4	7	7	3	0	1
		15	1015.0	–	4.5	1.2	6.9	80	6.5	0	2	2	16	7	1	0	1	1	0	0	2	6	8	7	3	0	0	6	22	0	1	3	3	5	8	5	0	3
		21	1015.7	–	2.5	0.7	6.5	87	5.3	1	7	2	8	10	0	0	0	1	0	1	1	6	10	6	3	0	0	5	21	2	1	3	3	5	6	5	2	1
Londonderry																																										
Carmoney	73	9	–	–	2.6	0.6	6.7	89	5.8	1	2	7	10	8	0	0	0	0	0	0	0	0	1	27	0	0	0	5	18	5	2	1	3	3	6	7	1	0
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Down																																										
Long Kesh	39	3	1015.8	–	1.7	0.5	6.5	90	5.8	3	2	2	10	10	1	0	0	1	0	0	4	10	7	6	0	0	0	2	21	5	0	1	5	4	2	5	5	1
		9	1016.2	–	1.9	0.6	6.4	88	6.1	1	2	3	15	6	1	0	1	1	0	1	2	4	13	6	0	0	0	2	21	5	0	0	8	2	6	2	5	0
		15	1015.1	–	5.0	1.4	6.9	79	6.3	0	1	7	12	8	0	0	0	0	1	1	2	7	7	9	1	0	0	6	21	1	2	1	6	2	6	3	5	2
		21	1015.8	–	2.4	0.7	6.5	87	5.4	4	3	2	8	11	0	0	0	0	0	1	3	8	8	8	0	0	0	5	19	4	0	3	2	6	3	4	6	0
Tyrone																																										
Carrigans	113	9	1015.5	–	1.9	0.6	6.4	90	5.6	0	2	7	13	6	0	0	0	0	1	0	1	2	11	10	3	0	0	0	4	18	6	4	1	3	8	3	1	0	2
		21	1015.3	–	2.9	0.5	7.0	90	5.6	1	2	11	1	13	0	0	0	0	0	1	0	1	8	18	0	0	0	0	5	17	6	4	1	4	7	4	0	0	2
Fermanagh																																										
Corgary	144	9	1015.1	–	2.6	1.0	6.3	82	6.4	0	0	6	15	7	0	0	0	0	0	0	2	1	7	7	3	8	0	0	12	8	8	0	2	2	10	4	0	0	2

Table 5 Number of days with max. and min. temperatures between given limits — February 1991

Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	20	8	0	0	0	0	0	0	0	0	8	19	1	0	0
Kirkwall	0	17	10	1	0	0	0	0	0	0	0	5	23	0	0	0
Stornoway	0	9	19	0	0	0	0	0	0	0	0	8	16	4	0	0
Braemar	4	15	9	0	0	0	0	0	0	2	3	18	5	0	0	0
Craibstone	0	17	9	2	0	0	0	0	0	0	4	8	16	0	0	0
Dunstaffnage	0	13	14	1	0	0	0	0	0	0	0	14	12	2	0	0
Abbotsinch	0	15	10	3	0	0	0	0	0	1	6	9	8	4	0	0
Rothesay	0	10	15	3	0	0	0	0	0	0	0	8	18	2	0	0
Eskdalemuir	5	17	6	0	0	0	0	0	0	0	3	16	8	1	0	0
Boulmer	0	18	8	2	0	0	0	0	0	0	0	11	15	2	0	0
Leeming	1	16	8	3	0	0	0	0	0	1	1	16	7	2	1	0
Hull	0	16	8	4	0	0	0	0	0	0	0	13	14	0	1	0
Cranwell	4	14	5	5	0	0	0	0	0	0	5	13	8	2	0	0
Cambridge N I A B	4	11	9	4	0	0	0	0	0	0	7	13	7	1	0	0
Lowestoft	5	12	7	4	0	0	0	0	0	0	1	14	12	1	0	0
Shawbury	3	12	8	5	0	0	0	0	0	0	7	13	5	1	2	0
Elmdon	4	11	9	4	0	0	0	0	0	1	4	13	6	4	0	0
Heathrow	4	10	10	4	0	0	0	0	0	0	7	8	9	4	0	0
Southampton	3	9	13	3	0	0	0	0	0	0	4	13	6	5	0	0
Hastings	4	11	12	1	0	0	0	0	0	0	5	10	9	4	0	0
Douglas	0	12	16	0	0	0	0	0	0	0	0	0	13	14	1	0
Ringway	2	12	10	4	0	0	0	0	0	0	4	13	8	3	0	0
Valley	1	9	15	3	0	0	0	0	0	0	0	12	11	5	0	0
Aberporth	2	15	8	3	0	0	0	0	0	0	2	12	11	3	0	0
Rhoose	4	10	11	3	0	0	0	0	0	0	5	12	7	4	0	0
Falmouth	1	5	16	6	0	0	0	0	0	0	3	4	13	7	1	0
Aldergrove	0	14	11	3	0	0	0	0	0	0	3	10	13	2	0	0
Armagh	0	12	11	5	0	0	0	0	0	0	4	10	13	1	0	0

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn		Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning		Veer from N	Speed-kn	Day Time
O SCOTLAND N																				
Shetland	Fair Isle	71	10	10	3 4	7	12	119	334	168	44	0	14.8	150	35	3	22	150	54	3 2324
	Lerwick	93	10	10	3	1	12	151	253	187	80	0	14.2	170	34	3	23	160	49	27 0124
	Sella Ness	16	10			0	10	71	274	238	89	0	11.7	220	31	19	15	150	48	26 2236
	Sumburgh	35	10	10	3 4 26	14	11	116	302	166	74	0	14.5	150	37	26	23	180	54	3 2224
Orkney	Kirkwall Airport	41	15	10		0	8	85	306	217	64	0	12.5	150	29	26	16	130	46	26 1748
Western Isles	Benbecula	16	10	10		0	9	34	281	224	123	10	10.6	190	27	3	14	180	52	20 1524
	Butt Of Lewis	43	10	10	19	1	12	99	338	205	29	0	14.1	200	35	19	11	210	45	19 1212
	Stornoway	12	10	10		0	5	42	251	270	109	0	10.1	170	29	3	20	160	41	3 0848
Highland	Aviemore	250	10	10		0	1	3	147	243	279	0	6.6	190	23	19	08	190	43	19 0848
	Dalcross	20	10	10		0	2	11	116	342	203	0	6.9	210	24	19	07	190	37	23 1548
	Duirinish	38	20	17		0	7	29	193	324	125	1	8.8	230	29	23	11	260	51	23 1142
	Invergordon Harbour	19	16	06		0	0	0	125	265	279	3	6.0	250	20	24	14	220	32	23 2248
	Shin	24	10	10		0	1	1	49	237	385	0	4.3	220	22	19	10	220	46	19 1018
	Wick	45	10	10		0	6	27	322	249	72	2	10.8	140	25	27	22	150	40	3 2012
1 SCOTLAND E																				
Grampian	Aberdeen, Dyce Airport	68	10	10		0	2	2	186	362	122	0	8.0	290	23	22	06	140	36	26 1912
	Cairngorm	1075	10	10	3 6 18-20 22-24	61	20	225	178	174	31	3	18.2	240	47	23	19	250	76	23 1824
	Kinloss	18	13	13		0	1	1	116	373	182	0	6.8	230	23	19	12	160	37	26 1430
	Lossiemouth	17	10	10		0	2	4	168	383	117	0	7.7	150	23	26	16	230	36	23 1212
	Peterhead Harbour	34	30	15	Defective record															
Tayside	Mylnefield	40	10	10		0	0	0	116	261	295	0	5.6	240	18	23	15	250	35	23 1548
	Tummel Bridge	161	16	16		0	0	0	15	256	400	1	3.8	270	13	24	13	260	35	24 1530
	Perth Aerodrome	118	10	10		0	0	0	126	314	232	0	6.4	190	20	26	18	180	34	26 1736
	Rannoch	307	17	17		0	2	3	192	240	237	0	7.1	240	24	23	15	260	39	24 1306
Fife	Leuchars	25	13	13		0	3	8	195	298	171	0	8.4	080	24	8	12	060	37	8 1054
Lothian	Edinburgh Turnhouse Airport	43	13	10		0	0	0	158	271	243	0	6.6	250	21	24	12	180	36	22 1742
	Royal Observatory, Blackford Hill	159	10	10		0	6	41	234	335	62	0	10.4	180	32	22	20	180	47	22 2042
	Forth Road Bridge	72		72		0	7	75	176	318	103	0	10.2	260	30	22	02	140	48	26 1636
	Leith	15	09			0	8	92	192	308	71	9	11.4	070	32	7	11	230	37	23 0924
Borders	Charter Hall	112		10	Defective record															
6 SCOTLAND W																				
Strathclyde	Abbotsinch Airport	16	10	10		0	0	0	129	257	286	0	6.1	220	21	23	14	240	33	24 1506
	Blairlinnans	145	13	12		0	0	0	120	366	186	0	6.7	150	18	26	16	230	34	20 1612
	Dunstaffnage	13	10	10		0	0	0	106	367	197	2	6.4	170	17	26	16	240	34	23 1342
	Greenock Port	51	49			0	4	23	290	277	82	0	10.3	050	25	7	08	150	40	26 1630
	Inchterf	55	15	12		0	1	1	128	347	195	1	6.5	220	22	23	08	220	33	26 1336
	Lowther Hill	754	27																	
	Machrihanish	10	10	10		0	5	22	287	284	79	0	10.2	170	28	22	14	160	41	25 1536
	Prestwick Airport	21	10	10		0	0	0	125	386	161	0	6.8	160	19	22	15	160	37	22 1536
	Salsburgh	275	15	11		0	5	31	303	284	53	1	11.4	170	31	26	16	180	44	22 1718
	Tiree	21	11	10		0	12	78	346	216	32	0	13.3	160	31	3	20	170	43	3 1842
Dumfries & Galloway	Chapelcross	64	15	15		0	2	8	172	300	192	0	7.4	250	29	24	02	250	51	24 0230
	Dumfries, Drungans	28	13	10		0	0	0	66	265	338	3	5.0	210	20	24	02	210	43	24 0054
	Eskdalemuir	259	10	10		0	0	0	109	301	262	0	6.0	210	21	24	01	200	42	24 0048
	West Freugh	24	10	10		0	1	1	214	287	164	6	8.2	140	22	26	08	140	32	26 0900
	Whithorn	40	15			0	8	23	332	279	38	0	11.8	200	30	24	00	200	45	24 0218

Table 6 Summary of autographic records of wind

February 1991

District / Region/County and Place	Height of vane in metres			Distribution of hourly mean values of wind speed									Highest values							
				34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind				Gust			
	Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day	Hour beginning	Veer from N	Speed-kn	Day	Time
2 ENGLAND E & N E																				
Northumberland	Blyth	19	10	10	Defective record															
	Boulmer	33	10	10		0	5	32	259	333	48	0	10.8	090	24	7	13	080	40	7	1800
Tyne & Wear	South Shields	22	17	13	Defective record															
Durham	Burnhope	244	10	10		0	3	13	151	349	151	8	7.6	060	32	23	06	060	39	23	0636
Cleveland	Hartlepool	15	10	10		0	9	84	206	336	46	0	11.5	070	33	7	17	070	47	7	1824
North Yorkshire	Church Fenton	18	10	10		0	4	23	114	271	264	0	6.8	230	27	23	19	220	41	23	1906
	Fylingdales	242	10	10	22	1	7	77	203	308	77	6	11.2	240	35	22	00	240	55	22	0036
	Leeming	42	10	10		0	2	5	156	299	212	0	7.0	230	23	22	00	230	42	22	0042
	Linton-on-Ouse	24	10	10		0	3	8	138	338	181	7	7.3	240	24	22	00	240	43	22	0054
Humberside	Bridlington MRSC	31	16	18																	
	Spurn Point	17	10	10	7	2	9	76	293	215	54	32	12.7	080	35	7	15	080	51	7	1524
Lincolnshire	Coningsby	16	10	10		0	5	23	169	322	158	0	8.4	220	26	23	12	060	45	7	2154
	Cranwell	68	13	13		0	5	50	189	306	127	0	9.5	220	30	23	12	210	44	23	1212
	Scampton	68	10	10		0	7	36	171	345	120	0	8.8	230	27	23	13	230	45	23	1230
	Waddington	80	10	10		0	5	24	186	358	104	0	8.9	230	26	23	12	220	41	23	1154
3 EAST ANGLIA																					
Norfolk	Coltishall	27	10	10		0	3	7	172	360	133	0	8.1	230	26	23	14	240	43	23	1430
	Gorleston	16	13	13		0	7	86	200	263	100	23	11.2	070	31	7	19	170	43	22	1942
	Hemsby	26	13	13		0	7	50	241	276	105	0	10.4	080	30	7	20	070	43	6	1424
	Marham	29	10	10		0	3	23	171	320	158	0	8.2	220	27	23	14	230	43	23	1142
Cambridgeshire	Wittering	87	10	10		0	3	18	169	369	116	0	8.4	200	26	22	17	210	43	23	0724
	Wyton	45	10	10		0	2	6	175	360	131	0	8.1	220	23	23	16	210	38	21	2000
Suffolk	Honington	60	13	13		0	2	8	143	350	171	0	7.4	220	24	23	13	210	40	23	1348
	Wattisham	105	16	10		0	3	19	165	393	95	0	8.4	220	25	23	14	230	40	21	2048
Bedfordshire	Bedford	93	12	10		0	4	51	157	368	96	0	9.3	200	29	22	20	220	42	21	1936
Essex	Shoeburyness	12	10	10		0	1	3	214	381	74	0	8.9	200	23	22	19	240	38	21	2030
	Stansted	108	10	10		0	4	26	117	349	180	0	7.5	200	26	22	19	190	39	22	1906
	Walton On Naze	10	10	10		0	6	49	242	314	67	0	10.6	070	26	7	10	250	40	21	2118
4 MIDLAND COUNTIES																					
West Yorkshire	Leeds Weather Centre	43	10	10		0	2	3	61	384	224	0	5.6	260	23	21	23	240	44	24	0100
	Wilsden	272	10	10	Defective record																
South Yorkshire	Finningley	19	10	10		0	2	6	152	319	195	0	7.2	220	26	23	13	220	40	23	1436
	High Bradfield	405	10	10	Defective record																
	Sheffield University	146	29	15		0	2	6	122	363	181	0	7.0	230	23	23	13	230	50	23	1242
Nottinghamshire	Nottingham Weather Centre	133	16	10		0	2	7	131	416	118	0	7.6	230	27	23	12	230	51	23	1136
Staffordshire	Cellarhead	241	13	8		0	0	0	103	339	229	1	6.3	220	20	23	10	230	40	23	0942
	Keele	162	10	10		0	2	6	148	365	153	0	7.5	260	25	23	09	260	39	23	0924
Shropshire	Shawbury	84	12	10		0	1	5	116	347	204	0	6.7	220	23	23	12	210	37	23	1030
West Midlands	Birmingham Elmdon Airport	108	10	10		0	0	0	116	393	163	0	6.8	230	20	23	08	230	35	23	0806
Hereford & Worcs	Preston Wynne	97	13	13	Defective record																
Oxfordshire	Benson	67	10	10		0	2	2	125	299	246	0	6.5	200	23	22	16	180	37	22	1654
	Brize Norton	91	13	10		0	0	0	205	343	124	0	8.1	200	21	22	15	180	35	22	1736
	Oxford	113	50	22	Defective record																
5 ENGLAND S E & CENTRAL																					
Greater London	Heathrow Airport	34	10	10		0	0	0	86	331	255	0	5.6	200	20	22	18	190	38	22	1812
	London Weather Centre	93	70	38		0	3	11	204	419	38	0	9.2	220	24	22	19	240	46	21	1924
	Northolt	49	15	12		0	0	0	99	312	261	0	5.8	240	20	21	19	240	35	21	1918
Wiltshire	Boscombe Down	130	17	17		0	3	25	145	389	113	0	8.4	230	27	23	08	230	41	23	0836
	Larkhill	155	10	10		0	2	2	156	353	157	4	7.4	200	22	22	17	230	43	23	0848
	Lyneham	156	10	10		0	0	0	154	416	102	0	7.8	210	20	22	15	210	42	22	1454
Kent	East Malling	33	12	10		0	0	0	41	156	442	33	3.2	210	18	22	20	220	37	23	1248
	Gravesend	25	20			0	1	6	118	387	161	0	7.0	070	24	6	08	200	38	22	2124
	Langdon Bay	117	12	12	22	1	9	100	304	201	64	2	12.9	190	35	22	18	190	51	22	1948
	Lydd Ranges	1	10	10		0	4	36	175	341	112	8	8.9	250	28	22	20	260	46	22	2218
	Manston	62	10	10		0	3	14	175	329	154	0	8.1	190	26	22	20	190	45	22	2036
	Sheerness	50	44	10	22	4	11	105	273	232	58	0	13.1	210	36	22	20	220	49	22	2042
Hampshire	Farnborough	75	10	10		0	1	5	100	314	253	0	6.3	200	23	22	19	190	40	22	1942
	Middle Wallop	94	10	10		0	2	10	139	362	160	1	7.5	190	27	22	16	150	44	22	1642
West Sussex	Gatwick Airport	69	13	13		0	0	0	84	369	219	0	5.8	180	19	22	19	180	35	22	2112
	Shoreham-by-Sea	21	11	15	21 22	5	5	49	193	343	81	1	10.3	230	39	22	19	230	52	22	1900
East Sussex	Herstmonceux	27	10	10		0	3	28	78	375	191	0	7.0	220	31	22	21	210	47	22	1936
7A ENGLAND N W & I O M																					
Cumbria	Carlisle	41	15	9		0	2	17	101	298	256	0	6.3	220	33	24	02	220	53	24	0206
	Eskmeals	24	16	10		0	3	7	144	337	184	0	7.3	290	26	21	23	280	42	21	2324
	Great Dun Fell	857	10	10	Defective record																
	Sellafield	22	10	10		0	3	6	107	371	188	0	6.8	140	28	21	23	130	40	21	2324
Lancashire	Aughton	68	14	10		0	2	6	97	408	161	0	6.5	250	24	21	21	200	41	23	1024
	Fleetwood	34	15	9	21	1	3	6	96	281	210	78	6.4	270	34	21	23	270	50	21	2254
	Squires Gate Airport	22	12	11		0	4	29	141	414	88	0	8.4	270	31	21	22	260	46	21	2236
Merseyside	Aigburth	38	23	11		0	0	0	100	442	130	0	6.5	240	20	23	04	210	34	23	1412
Greater Manchester	Manchester Ringway Airport	80	10	10		0	2	5	115	348	204	0	6.8	200	23	23	17	050	36	7	2330
Isle Of Man	Point-of-Ayre	20	10	10		0	7	35	320	284	26	7	11.7	210	31	24	01	210	51	24	0048
	Ronaldsway	25	10	10		0	7	49	315	252	56	0	11.7	190	31	24	00	200	44	24	0130

Table 6 Summary of autographic records of wind

February 1991

District / Region/County / and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust		
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time
7B WALES N																			
Gwynedd	Trawsfynydd	192	10	10	Defective record														
	Valley	26	16	12		0	5	45	168	228	231	0	8 6	190	32	24 00	180	44	24 0054
8A WALES SOUTH																			
Dyfed	Aberporth	144	10	10	22 23	7	8	72	285	242	66	0	12 5	210	35	23 08	200	57	23 0848
	Brawdy	121	10	10		0	5	41	267	310	54	0	10 6	200	28	22 13	190	44	22 1318
	Milford Haven	50	13	10		0	4	45	236	286	105	0	9 9	180	29	22 13	180	47	22 1300
Mid Glamorgan	Cilfynydd	210	16	16		0	2	19	91	287	275	0	6 2	250	27	23 06	240	52	23 0930
South Glamorgan	Rhoose Airport	74	10	10		0	3	10	167	371	124	0	8 2	240	26	22 23	250	41	22 0118
8B ENGLAND S W																			
Avon	Avonmouth	28	19	10		0	4	34	226	318	94	0	9 8	190	28	22 15	230	44	22 0148
	Bristol Weather Centre	55	44	13		0	1	1	82	355	234	0	5 6	250	22	21 17	250	43	21 1700
	Oldbury-on-Severn	19	9																
Somerset	Hinkley Point	30	10	10		0	4	28	160	303	181	0	8 0	200	31	22 14	270	47	21 1630
	Yeovilton	34	12	10		0	1	7	111	278	272	4	6 4	200	26	22 15	200	41	22 1536
Dorset	Hurn Airport	23	13	11		0	2	23	102	348	199	0	7 0	220	26	23 00	180	41	22 1736
	Portland Bill C G	60	13	13		0	8	63	374	200	34	1	13 0	250	31	21 16	270	44	21 1706
Devon	Burrington	211	10	10		0	5	44	278	289	60	1	11 1	200	30	22 13	210	50	22 1542
	Chivenor	16	10	10		0	5	27	170	364	111	0	8 6	220	29	22 23	210	49	23 0024
	Exeter	35	10	10		0	2	6	149	283	234	0	6 9	190	25	22 14	230	40	23 0424
Cornwall	Camborne	98	10	10		0	10	62	321	235	54	0	12 2	190	33	22 13	190	53	22 1300
	Culdrose	104	23	20	6 22	15	12	105	332	195	25	0	14 5	220	36	22 12	220	51	22 1236
	Gwennap Head	76	10		22 23	17	13	110	380	136	22	7	15 5	200	41	22 12	250	57	21 1830
	St Mawgan	120	13	13		0	4	42	223	348	59	0	10 2	190	28	22 14	210	44	22 1812
CHANNEL ISLANDS																			
	Guernsey Airport	116	12	12		0	3	7	361	258	46	0	11 3	280	25	21 16	280	42	21 2224
	Jersey Airport	94	12	10		0	2	4	356	269	43	0	10 8	270	23	21 16	270	37	21 1630
NORTHERN IRELAND																			
Londonderry	Ballykelly	12		10															
	Coleraine University	30	10	10		0	1	1	112	368	165	26	6 8	240	22	23 11	240	36	23 1248
Antrim	Aldergrove	80	10	10		0	1	2	127	394	149	0	7 0	160	24	22 13	160	38	22 1336
	Ballypatrick Forest	165	13	13		0	4	8	250	275	101	38	9 2	180	27	22 14	220	35	19 0748
	Belfast Harbour	21	18	18															
Down	Kilkeel	36	19	14	Defective record														
	Killough	31	15	15	22	1	12	93	334	216	28	0	13 8	210	34	22 13	210	47	22 1254
	Long Kesh	47	10	10		0	0	0	87	336	249	0	5 8	180	20	22 13	180	34	22 1348
	Orlock Head	51	16	12		0	6	22	354	224	47	25	12 0	110	33	6 19	180	47	22 1436
Tyrone	Carrigans	129	10	10		0	1	1	130	325	212	4	6 7	130	22	22 11	240	35	20 1330
Fermanagh	Castle Archdale Forest	79	13	13		0	0	0	100	340	207	25	6 1	150	18	22 13	130	31	22 1236

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
	Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation													
	Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average *	Exposure
1990 Jul Salsburgh											57		24	4	12	9												
Arrochymore											..																	
Batchley Farm		11.0	16.2				6.2	3														0						
Arthog,																												
Fegla Fach Farm	21.7																											
Pencelli	21.8																											
Presteigne																												
Cardiff, Bute Park																	..	..	..	..					..			S
Ilfracombe											50	61	13	29	8	6												
1990 Nov Dingwall																	0	0	0	0					0			
Lairg																	0	0	0	0					0			
Lochranza	--	--	--		--	--	--	--			--		--	--	--	--							..					
Machrihanish	--	--	--		--	--,--	--	--															..					
Falkirk																	0	0	0	0					0			
Batchley Farm	8.2	3.4	5.8		14.1	13	-2.3	23	8.3		45		12	19	16	9	1 0	0	0	0		2	10		0			

Correction to Table 1 District Values for **January 1991**

The percentage values of **Rainfall**
for Scotland N delete 109 insert 102
for Scotland W delete 111 insert 105
for Scotland delete 107 insert 102

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THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 1000 U.D.C. 551 506 1 (41-4)

MARCH 1991

VOLUME 108 NUMBER 3

Mainly wet and mild, but a cold and mostly dry last week

A ridge of high pressure extended northwards to cover all parts of the United Kingdom on the 1st, but declined early on the next day as a frontal system moved rapidly eastwards. The fronts finally cleared north-eastern Scotland by midday on the 3rd and all parts of Great Britain came once more under the influence of a ridge of high pressure. However, a further frontal system advanced north-eastwards across western areas, the warm front clearing eastern Scotland late on the 12th, while the cold front gradually became slow moving over western areas of Great Britain. The northern part of the front then turned southwards, and cleared the far south-east early on the 15th. Further fronts crossed all parts during the next few days. On the 20th a warm front lay across southern Scotland and a shallow wave depression was centred to the south-west of Cornwall, with its associated front along the English Channel. Both fronts moved northwards during the day as the depression deepened and moved northwards over the Irish Sea and then north-eastwards to the North Sea by the early hours of the 21st. A cold front moved southwards during the 21st, clearing southern England early on the 22nd, leaving the United Kingdom in a northerly airstream, with minor troughs running southwards. As the low pressure area transferred to the east, a ridge of high pressure built from the west; the high pressure intensified and during the next few days became centred over north-east of England, leaving southern England temporarily in a strong easterly airstream. For the rest of the month pressure remained high with weak fronts occasionally affecting northern and eastern areas.

Weather

The first three weeks were wet, although rainfall amounts were greater in western areas, and some parts of the east and south-east had less than the normal amounts. North-eastern coastal areas had cold and foggy weather between the 6th and 9th. An area of thundery activity extended from Lincolnshire to East Sussex on the 16th. Thunder was reported in Surrey and Berkshire on 21st; the Thames Valley, the Cotswolds and Cornwall on the 22nd and on 23rd there was an isolated thunderstorm in the Thames Valley.

Wind

Winds reached gale force for a time at a number of places in western areas on the 4th, more generally between the 19th and 21st and locally over Kent on the 25th. The highest mean wind speed was 43 kn at Forth Road Bridge on the 19th, with a gust to 65 kn. A mean wind of 41 kn was measured at Sheerness, Kent on the 25th with a gust to 51 kn. Around midnight on the 20th/21st Leeds Weather Centre, West Yorkshire measured two gusts of 61 kn. Directions were mainly southerly or variable.

Temperature

March was a warm month especially over central and eastern England, although not generally as warm as March 1990. Mean monthly temperatures were above normal over the whole United Kingdom and ranged from 0.9 °C above normal at St Mary's, Isles of Scilly to 3.1 °C above normal at Cromer, Norfolk.

Except for parts of Scotland little frost occurred after the first two days until the end of the month. On the 6th the temperature rose to nearly 15 °C in south-east England, reaching 17 °C in Devon on the 17th and to nearly 20 °C in many places on the 13th, becoming generally colder after the 21st. The highest temperature during the month was 20.8 °C recorded at Barbourne, Hereford & Worcester on the 13th and the lowest was −8.0 °C at Carnwath, Strathclyde Region on the 29th.

Rainfall

Monthly rainfall totals were above normal nearly everywhere, the exceptions being parts of central and eastern England and the northernmost part of the Western Isles where rainfall was below normal, and ranged from 178% at Tynemouth, Tyne & Wear to as little as 40% at Manston, Kent.

Rain fell in most areas on most days between the 6th and 20th, although some places in East Anglia had 5 or 6 days with little or no rain early in the period, and amounts of rain in other parts of the east and south-east were small. Amounts were generally greater in western and northern areas. Rain, heavy in places, fell in most areas between the 20th and 22nd. Among heavy falls were: 62.2 mm at Great Dun Fell, Cumbria on the 4th, 61.5 mm at Eskdalemuir, Dumfries & Galloway on the 18th, 51.8 mm at Fort William, Highland Region on the 18th and 50.1 mm at Nantmor, Gwynedd on the 20th.

Snow

Unusually for March, snowy weather was only reported on the 22nd and 23rd, when isolated outbreaks of sleet or snow occurred over eastern coastal areas from the Humber northwards.

Sunshine

Monthly sunshine amounts were below average nearly everywhere apart from a few places in East Anglia and along the south coast, where temperatures were average or just above average, ranging from 104% of average at Falmouth, Cornwall to as little as 39% of average at Bradford, West Yorkshire.

It was a generally dull month, although with some sunny intervals, mainly in the south. The 25th was a sunny day generally, with 10 or 11 hours measured over much of Northern Ireland and Scotland, and 8 to 11 hours over a large part of southern England and South Wales, but with less than 3 hours sunshine over much of the north Midlands and north-east England. The most sunshine in a day was 11.5 hours at Craibstone, Grampian Region on the 25th and the most sunshine in the month was 131 hours measured at Plymouth, Devon.

Fog

Fog patches affected parts of England and Wales on the 1st, many eastern parts of England and Scotland on the 2nd, East Anglia and parts of the Midlands on the 5th and 6th, east and north-east Scotland on the 9th, and southern Scotland during the night of 10th/11th. Fog was persistent on the 12th especially over eastern Scotland and north-east England. Southern parts of England had patches of thick fog by dawn on the 13th. Patchy fog formed on the 14th over south-eastern England, on the 15th over central and north-east Scotland, early on the 22nd over East Anglia, and on the 25th over Scotland. Further overnight fog in eastern England on the 29th became thick and extensive on the 30th. Fog was thick in south-west England and South Wales on the 31st. Hill fog and coastal fog occurred frequently during the month.

Miscellaneous Phenomena

A tornado hit part of south-west Wales early on the 3rd, causing considerable structural damage and uprooting trees. On the 7th deposits of dust or sand in rainfall were reported at a number of places in the west Midlands, including Malvern, Bromsgrove and Solihull. On the 11th deposits of red dust were reported in rain at Northwood, Greater London and Cavendish, Suffolk. During the early hours of the 26th brown rain was reported at Towy Castle, Dyfed and Slimbridge, Gloucestershire.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp° C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max.	Min.	Mean				
			Difference from average					% of average	
0 Scotland N	18.3	−6.2	+1.7	+1.4	+1.6	+1.3	+3	111	81
1 Scotland E	14.7	−5.0	+2.0	+1.1	+1.5	+1.6	+1	132	76
2 England E & NE	17.7	−3.5	+2.3	+2.5	+2.4	+2.1	+3	112	66
3 East Anglia	18.4	−4.4	+2.5	+2.4	+2.4	+2.1	−2	66	92
4 Midland Counties	18.3	−3.1	+2.2	+2.7	+2.4	+2.1	+1	98	71
5 England SE & Central S	18.7	−3.3	+2.1	+2.4	+2.2	+1.9	+1	101	85
6 Scotland W	14.6	−8.0	+1.6	+1.5	+1.6	+1.4	+3	137	83
7 England NW & Wales N	19.2	−4.0	+1.9	+2.0	+1.9	+1.7	+2	141	69
8 England SW & Wales S	18.4	−3.5	+1.7	+2.2	+1.8	+1.5	+5	138	90
N Ireland	14.7	−3.6	+1.5	+1.9	+1.7	+1.2	+3	148	85
Scotland	18.3	−8.0	+1.8	+1.3	+1.6	+1.4	+2	128	80
England & Wales	19.2	−4.4	+2.1	+2.4	+2.2	+1.9	+2	118	79

* Highest maximum and lowest minimum of District Value Stations

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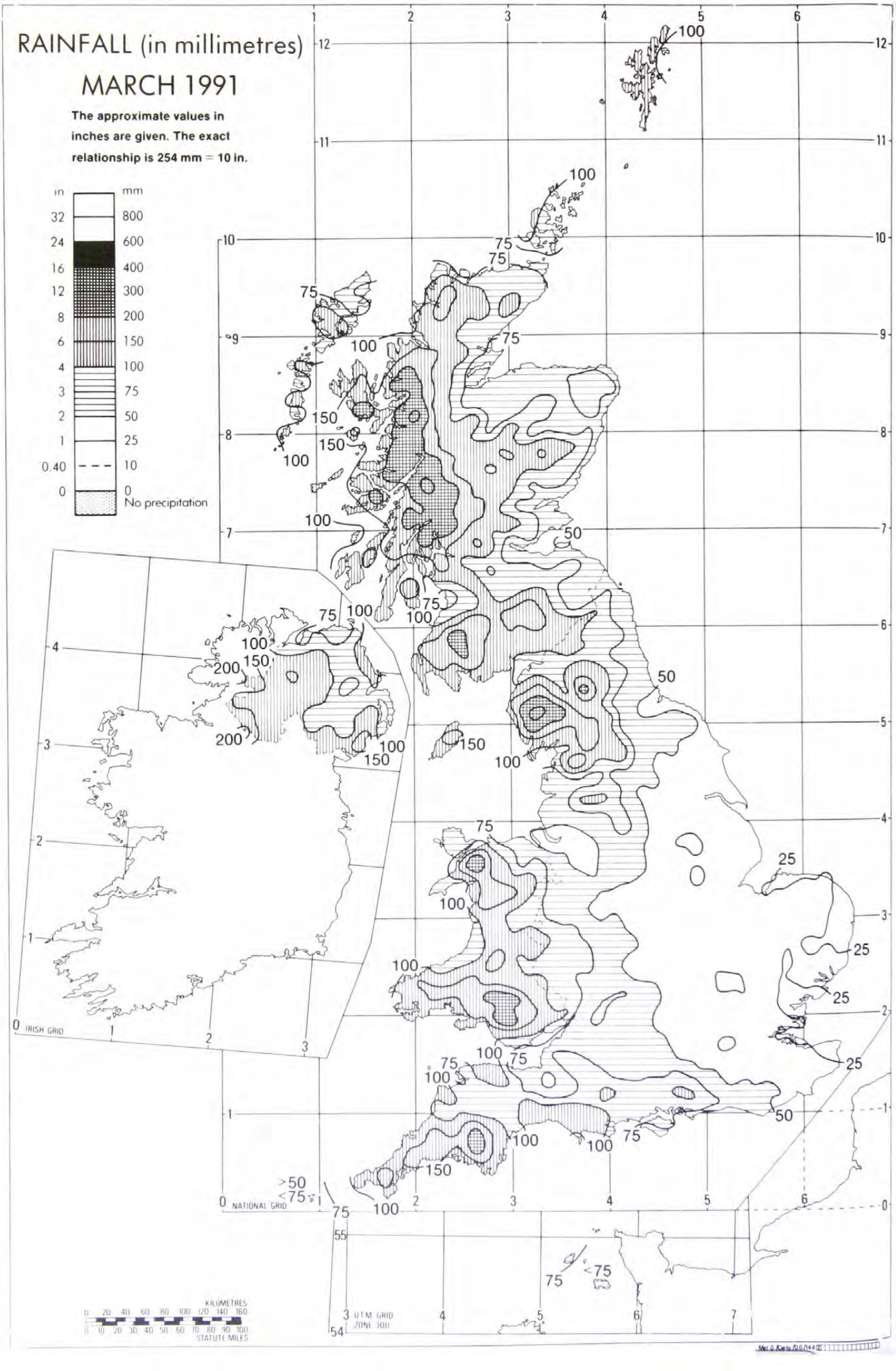
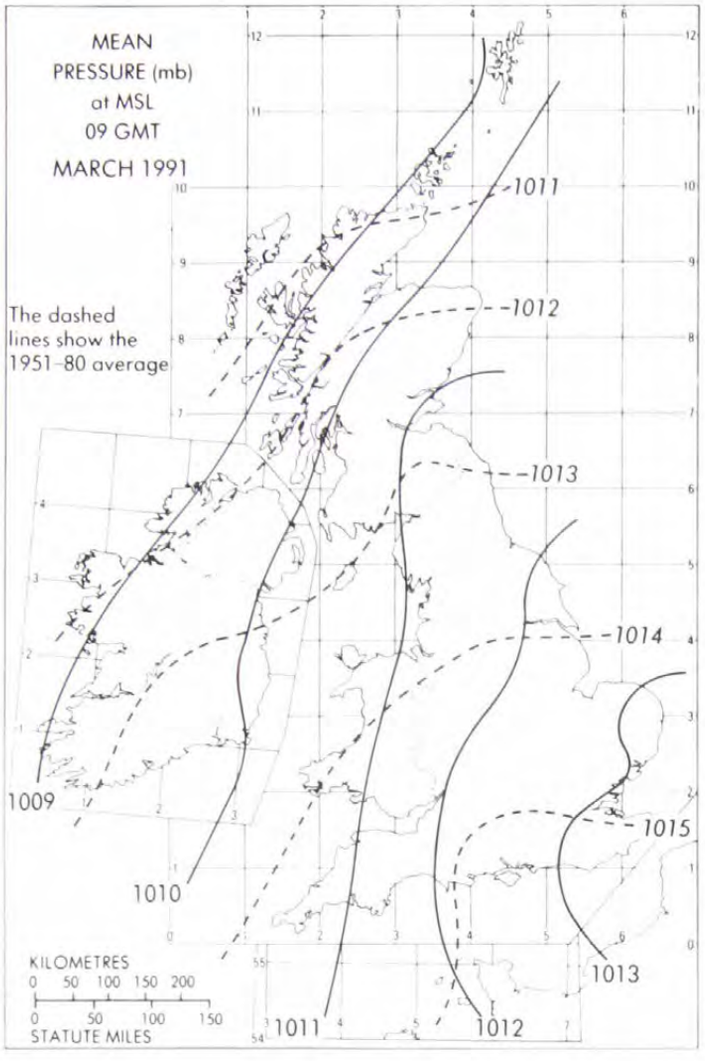
RAINFALL (in millimetres)

MARCH 1991

The approximate values in inches are given. The exact relationship is 254 mm = 10 in.

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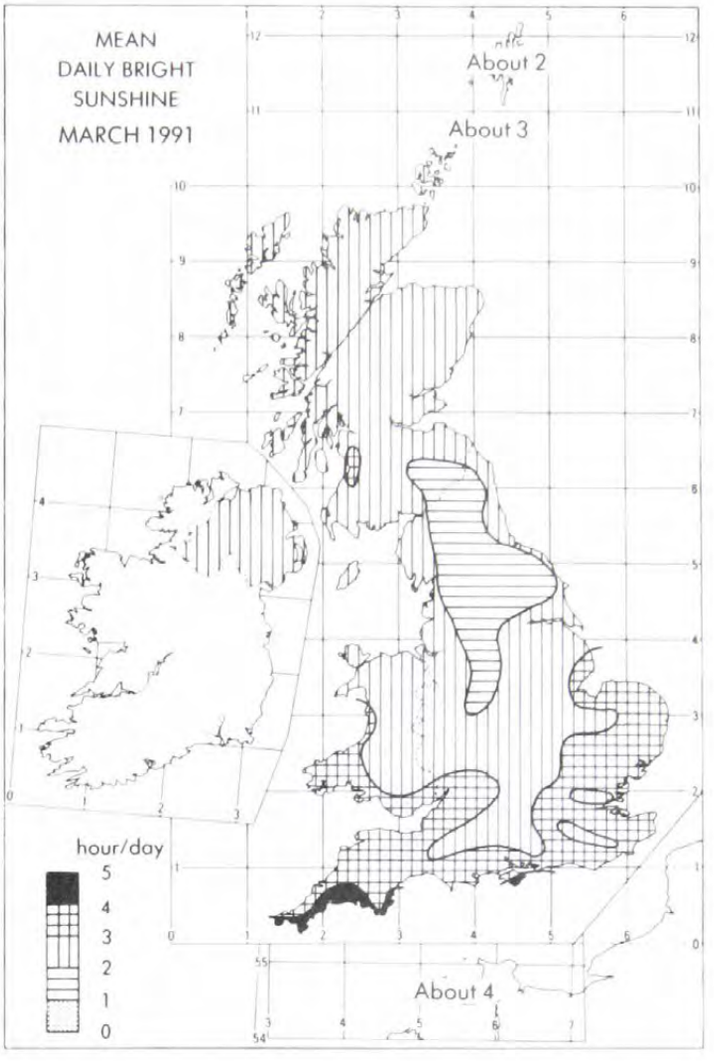
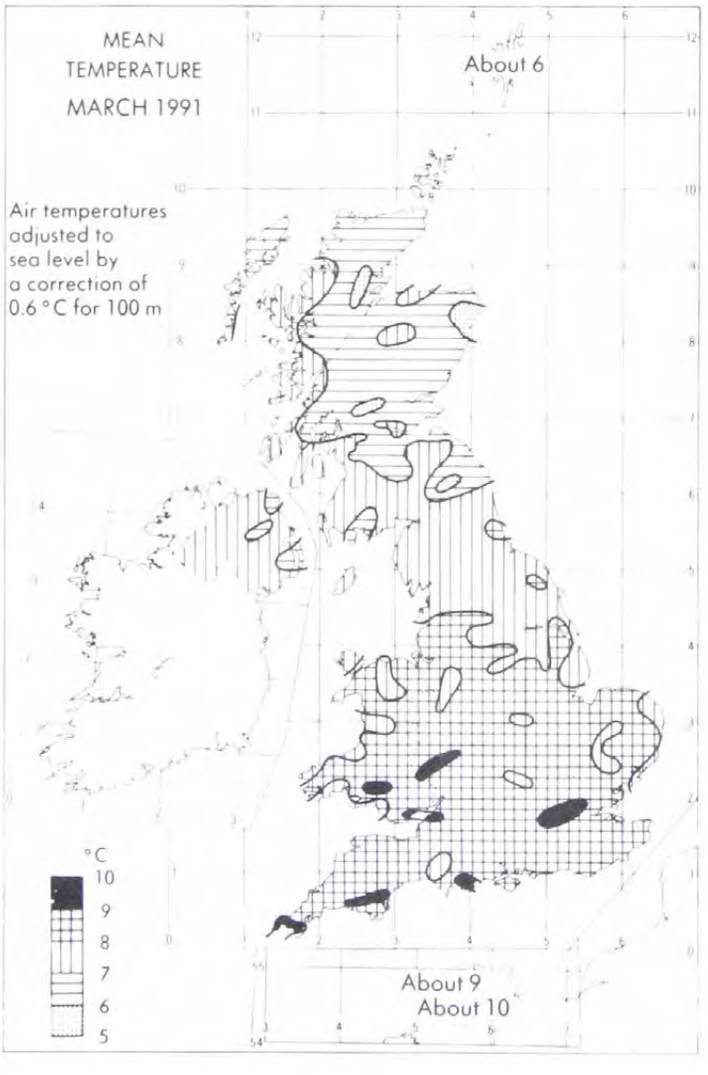
PRESSURE (mb)
at MSL
09 GMT
MARCH 1991
The dashed lines show the 1951–80 average
1011
1012
1013
1014
1015
1009
1010
1011
1012
1013
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
MARCH 1991
About 2
About 3
About 4
hour/day
5
4
3
2
1
0


MEAN
TEMPERATURE
MARCH 1991
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
About 6
About 9
About 10
°C
10
9
8
7
6
5

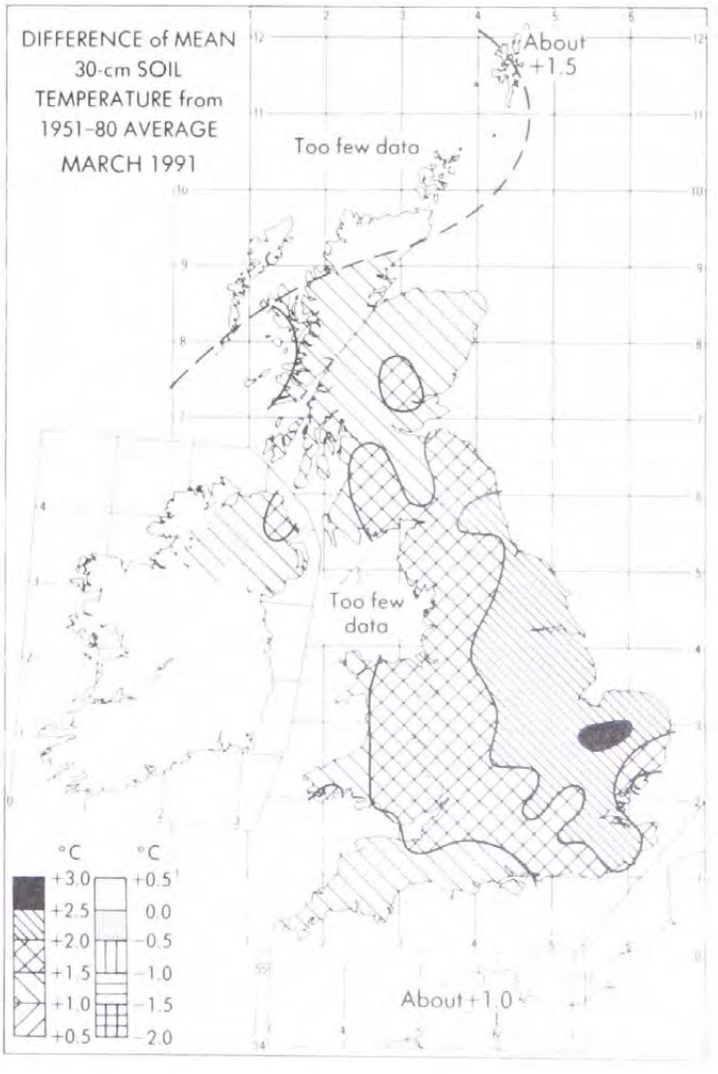

DIFFERENCE of MEAN
30-cm SOIL
TEMPERATURE from
1951–80 AVERAGE
MARCH 1991
About +1.5
Too few data
Too few data
About +1.0
°C
+3.0
+2.5
+2.0
+1.5
+1.0
+0.5
°C
+0.5
0.0
−0.5
−1.0
−1.5
−2.0

Table 2 Solar radiation

March 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	14.0	25	0.5	7	5.1	31	6.6	31	0.5	7	3.4	31
Stornoway	15.0	28	1.7	12	6.7	31	8.4	30	1.7	12	4.3	31
Aviemore	15.3	25	1.1	7	6.7	31	7.4	29	1.1	7	4.5	31
Aberdeen	15.0	25	0.7	9	6.8	31						
Dunstaffnage	16.3	28	1.9	12	6.7	31						
Shanwell	16.4	28	0.9	8	6.8	31	7.9	29	0.9	8	4.6	31
Auchincruive	17.5	27	1.8	4	7.7	26						
Eskdalemuir	16.2	29	1.0	13	5.7	31	8.9	27	1.0	13	3.8	31
Sunderland Poly	14.1	17	1.1	7	7.2	29						
Hazelrigg	16.6	29	1.4	6	6.7	31	9.1	27	1.4	6	4.8	31
Cawood	13.3	27	1.9	6	6.5	31						
Aughton	15.3	23	1.3	4	7.1	31	9.2	28	1.3	4	5.1	31
Finningley	16.6	27	1.3	6	7.0	31	8.7	30	1.3	6	5.1	31
Sutton Bonington	16.1	27	1.4	7	6.4	31	7.9	28	1.3	7	4.4	31
Hemsby	17.5	27	4.1	4	9.1	31	9.4	29	3.5	27	5.7	31
Denver Complex	17.1	27	3.2	4	8.4	29						
Gogerddan	17.0	23	1.6	10	7.8	28						
Brooms Barn	17.3	27	3.2	4	8.7	31	9.6	28	3.2	4	5.4	31
Aberporth	17.6	24	1.8	4	8.5	31	9.1	27	1.8	4	4.8	31
Wallingford	15.9	27	2.5	26	7.2	31						
London W.C.	16.8	30	1.6	9	7.4	31	8.4	28	1.6	9	4.6	31
Easthampstead	17.3	30	2.8	9	7.7	31	8.8	28	2.8	9	4.9	31
East Malling	17.0	27	2.7	9	8.0	31	8.2	31	2.7	9	5.0	31
Crawley	17.3	27	1.7	9	7.9	31	8.5	31	1.7	9	4.9	31
Rustington	17.8	30	2.1	5	8.6	31						
Efford	16.9	27	2.2	5	8.3	31						
Camborne	18.5	28	1.9	26	8.7	31	9.2	27	1.9	26	4.8	31
Jersey	18.5	24	1.7	5	9.5	31	8.9	31	1.7	5	5.0	31
Aldergrove	15.2	29	1.6	4	6.8	31	7.7	26	1.5	4	4.4	31

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
0 SCOTLAND N																													
Shetland																													
Baltasound	24	8.3	3.8	6.1	+2.0	11.9	26	1.1	1,2	5.6	–	110	–	14	12	23	20	5	0	0	0	0	2	0	–	–	1	2.09	84	–
Fair Isle	57	7.7	4.6	6.1	–	9.5	19	1.5	2	5.9	5.8	100	–	11	8	22	19	5	0	0	4	0	6	0	3	–	1	2.76	–	–
Lerwick (A)	82	7.5	3.7	5.6	+1.8	9.9	31	1.1	1	5.3	–	121	130	16	8	24	19	3	0	0	4	0	3	0	7	4	1	2.20	81	–
Sumburgh (A)	7	8.1	4.5	6.3	–	10.5	28	1.4	22	–	–	–	–	–	–	–	–	2	0	0	2	0	1	0	2	1	1	–	–	–
Orkney																													
Kirkwall Airport (A)	26	8.9	3.7	6.3	+1.7	12.0	19	-0.1	2	5.6	–	93	129	16	18	21	16	3	0	0	4	0	2	1	6	3	2	2.90	93	–
Rackwick	18	8.9	4.0	6.5	–	12.9	25	0.5	2	–	–	111	–	23	4	20	16	3	–	0	2	0	0	2	–	–	0	–	–	–
Western Isles																													
Benbecula (A)	5	9.4	4.3	6.9	+1.3	12.0	26	0.3	2	6.4	–	93	105	24	4	21	14	2	0	0	2	0	0	0	11	6	0	2.83	76	–
Scalpay	18	(9.0)	(4.0)	6.5	–	–	–	–	–	–	–	98	–	20	31	21	19	–	–	–	–	–	–	–	–	–	–	–	–	–
Stornoway (A)	15	9.1	4.1	6.6	+1.3	11.4	26	0.3	26	5.9	–	71	89	12	4	23	17	0	0	0	2	0	0	0	5	4	0	2.95	81	–
Highland																													
Aviemore (A)	229	10.0	0.3	5.1	–	14.8	25	-5.7	2	3.8	3.3	58	–	22	17	16	9	3	1	0	0	0	2	12	19	17	0	2.25	–	–
Cape Wrath	112	8.1	4.4	6.3	+1.4	12.8	26	1.0	1	–	–	67	86	11	30	22	18	1	0	0	1	0	5	0	1	1	3	2.72	(80)	–
Cairngorm Chairlift	663	6.5	1.2	3.9	–	12.0	12	-3.5	2	2.2	–	–	–	–	–	–	–	2	13	0	0	0	6	9	–	–	3	–	–	–
Cassley	99	9.1	1.9	5.5	–	13.8	25	-2.7	4	–	–	128	90	18	31	24	20	–	1	–	–	–	–	8	12	–	–	–	–	–
Dalcross (A)	11	10.1	2.0	6.1	–	13.8	16	-3.2	2	–	–	54	153	13	17	19	9	0	0	1	1	0	2	8	16	–	0	–	–	–
Dalwhinnie	351	8.7	0.9	4.8	–	12.1	28	-3.5	29	3.8	–	111	–	34	4	17	13	4	0	0	0	0	0	11	26	–	0	2.47	–	S
Diabaig	60	10.5	4.6	7.5	–	16.4	25	0.9	1	–	–	116	–	29	31	24	21	0	0	0	1	0	–	0	7	–	0	2.10	–	S
Dingwall	7	10.1	1.7	5.9	–	14.7	25	-3.0	2, 4, 29	–	–	70	–	17	17	19	12	–	0	–	–	–	–	9	–	–	–	–	–	–
Duartmore Bridge	30	9.6	3.7	6.7	–	14.8	25	-0.4	2	–	–	109	–	16	31	24	20	2	0	–	–	–	0	1	–	–	–	2.54	–	–
Eilanreach	8	10.4	2.6	6.5	–	14.4	26	-2.2	2	–	–	195	–	40	31	24	21	0	0	0	0	1	7	13	–	0	–	–	–	–
Fort Augustus	21	9.9	2.6	6.3	+1.4	16.0	25	-2.0	2	4.9	–	80	96	21	18	20	13	–	0	–	–	–	3	5	–	–	1	2.17	76	–
Fortrose	5	9.2	3.6	6.4	+1.3	11.7	13	-1.0	4	–	–	53	142	14	16	17	9	0	0	0	0	0	–	2	–	–	0	–	–	–
Grantown-on-Spey	220	9.6	-0.3	4.7	–	14.2	25	-6.2	2	–	–	62	–	14	17	19	14	3	2	0	0	0	–	15	–	–	0	2.18	–	–
Inverailort	2	11.3	3.6	7.5	–	16.5	25	-1.0	1	–	–	229	–	42	4	22	20	1	0	0	1	0	0	4	18	–	2	–	–	–
Inverness	4	10.5	3.1	6.8	+1.5	14.2	16	-2.5	2	–	–	60	159	17	17	17	12	0	0	0	0	0	0	3	11	–	0	2.56	76	–
Inverpolly	14	9.7	3.5	6.6	–	15.0	25	-0.1	2	–	–	104	–	17	31	23	18	1	0	0	0	0	–	1	–	–	1	–	–	–
Isle of Rhum	5	10.2	3.8	7.0	(+1.3)	14.1	25	-1.3	2	6.4	6.4	229	135	48	18	24	20	0	0	0	1	0	0	3	18	–	2	2.81	–	–
Kiltarlity	75	10.3	1.9	6.1	–	15.0	25	-3.8	2	–	–	69	–	16	17	22	14	1	0	0	0	0	4	9	17	–	0	–	–	–
Kinbrace	103	–	–	–	–	–	–	–	–	–	–	88	–	18	17	24	14	2	0	0	0	0	–	–	–	–	0	2.52	–	–
Kinlochewe	25	11.1	2.9	7.0	(+1.8)	18.3	25	-3.1	3	5.8	–	176	–	44	31	23	18	1	0	1	1	0	0	6	17	–	1	2.39	–	S
Knockanrock	244	8.2	2.7	5.5	–	15.1	25	-2.1	2	–	–	153	–	24	31	22	18	3	1	0	2	0	–	1	–	–	1	–	–	–
Lairg	107	9.7	1.4	5.5	–	14.7	25	-3.2	6	4.5	4.4	94	–	14	4	23	16	1	1	–	–	–	0	11	19	–	–	2.29	–	S
Lentran	146	10.1	2.1	6.1	–	16.0	25	-4.9	2	4.6	–	69	–	16	17	19	12	1	0	0	0	0	5	6	21	–	0	–	–	–
Nairn	8	9.6	2.5	6.1	+1.2	14.0	13	-2.3	2	–	–	44	135	13	17	19	5	0	0	0	0	0	1	7	14	–	0	2.53	70	–
Onich	15	11.1	2.9	7.0	+1.7	16.5	25	-2.3	2	–	–	196	129	41	18	24	20	–	0	–	–	–	6	6	19	–	–	2.41	82	S
Plockton	12	10.5	3.8	7.1	–	14.9	25	-0.1	2	–	–	111	–	18	18	22	19	0	0	0	0	0	0	1	–	–	0	–	–	–
Poolewe	6	10.7	4.1	7.4	(+1.5)	16.4	25	0.5	7	–	–	117	101	29	31	24	19	0	0	0	0	0	0	0	14	–	1	2.38	(69)	–
Tomatin	311	8.9	0.6	4.7	–	13.2	25	-3.6	2	–	–	63	–	19	17	18	14	4	0	0	0	0	–	15	–	–	0	–	–	–
Waterstein	92	8.7	4.3	6.5	–	12.0	9	1.4	1,23	–	–	103	–	25	31	22	18	–	–	–	–	–	–	0	–	–	–	–	–	–
Wick (A)	36	8.9	3.4	6.1	+1.6	12.5	13	-0.5	24	5.6	–	89	162	14	9	20	17	1	0	1	1	0	1	1	10	6	1	3.02	89	–
1 SCOTLAND E																													
Grampian																													
Aberdeen																													
Dyce Airport (A)	65	9.8	1.8	5.8	+1.5	15.3	19	-4.5	2	–	–	71	129	24	4	19	13	1	0	0	0	0	3	8	17	13	0	2.91	87	–
Mannofield	52	9.0	2.4	5.7	+1.3	13.8	19	-2.5	2	–	–	60	113	17	4	20	9	0	0	0	0	0	5	4	16	–	0	–	–	–
Aldroughty	30	10.9	3.1	7.0	–	16.1	25	-1.5	1	5.6	–	52	–	12	18	13	11	0	0	0	0	0	–	4	14	–	0	2.34	–	–
Ballater Field Centre	200	10.0	0.0	5.0	–	15.4	29	-4.5	29	–	–	75	–	40	4	13	11	2	0	0	0	0	–	17	24	–	0	–	–	–
Balmoral	283	9.1	0.0	4.5	+1.8	13.3	31	-5.5	2, 4	–	–	63	109	23	4	18	12	2	4	0	0	0	–	15	19	–	0	–	–	–
Banff Golf Course	15	10.1	2.9	6.5	–	15.5	19	-1.9	2	6.0	–	61	–	15	18	20	14	2	1	0	1	0	3	5	–	–	0	–	–	S
Braemar	219	8.5	0.0	4.3	+1.7	11.9	25	-5.0	26	4.0	3.8	62	105	26	4	20	14	5	2	0	0	0	2	16	23	–	1	2.50	85	S
Craibstone	102	9.4	2.3	5.9	+1.6	14.3	19	-2.0	2	4.9	4.5	73	136	27	4	20	13	0	0	0	0	0	4	4	18	–	0	2.91	85	–
Culterty	3	8.9	2.3	5.6	–	15.0	19	-4.0	2	–	–	66	–	15	4	17	14	0	0	0	0	0	7	5	11	–	0	2.06	–	–
Durris, Wardend	107	9.5	1.6	5.5	–	14.2	31	-4.5	1	4.7	–	95	–	45	4	16	10	0	1	0	1	0	4	6	16	–	0	2.75	–	–
Forehill	40	8.8	3.2	6.0	–	14.3	19	-1.1	2	–	–	76	150	15	4	21	16	1	0	0	0	0	7	2	5	–	0	–	–	–
Forres	5	10.5	3.5	7.0	–	14.5	12	-1.8	2	5.7	6.0	51	–	13	16	17	11	1	0	0	2	0	2	2	13	–	0	–	–	–
Fyvie Castle	55	10.1	0.9	5.5	(+1.4)	14.2	20	-4.4	2	–	–	78	126	22	4	17	12	2	0	0	0	0	2	10	19	–	2	–	–	S
Glenlivet	215	9.9	0.4	5.1	(+1.7)	14.8	25	-4.9	2	4.4	–	65	–	12	22	22	14	2	1	0	1	0	2	13	16	14	0	2.23	(64)	S
Inchmarlo	80	10.0	1.1	5.5	–	15.0	31	-3.8	29	–	–	63	–	27	4	16	9	–	–	–	–	–	–	11	18	–	–	–	–	–
Inverurie	54	9.8	1.5	5.7	–	13.9	19	-4.1	2	–	–	76	–	25	4	19	12	1	0	0	0	0	6	8	19	–	0	2.13	–	–
Keith	106	9.7	0.7	5.2	–	15.8	25	-4.4	2	–	–	69	–	13	4	21	16	1	0	0	0	0	–	14	25	–	0	2.25	–	–
Kinloss (A)	5	10.5	2.7	6.6	+1.6	14.7	12	-4.0	2	5.7	–	54	145	12	18	17	9	0	0	0	1	0	2	7	18	10	0	2.61	73	–
Leith Hall	180	9.8	1.3	5.5	–	14.5	29	-3.8	29	–	–	65	–	18	4	20	16	3	2	0	0	0	2	9	20	–	0	–	–	–
Lossiemouth (A)	6	10.5	2.4	6.5	(+1.7)	16.2	25	-3.7	2	–	–	53	–	12	16	17	12	–	–	–	–	–	–	8	–	–	–	–	–	–
Rothes	61	10.9	2.2	6.5	–	16.1	25	-3.0	2	–	–	61	–	13	22	17	15	0	0	0	0	0	0	8	13	–	0	2.13	–	S
Stonehaven	85	8.7	2.6	5.7	–	13.5	31	-1.0	29	–	–	60	–	16	4	15	9	0	0	0	0	0	9	4	–	–	0	2.42	–	–
Tayside																													
Arbroath	29	8.7	3.3	6.0	-1.1	12.5	19	0.1	2	–	–	66	164	15	16	15	10	0	0	0	0	0	7	0	16	–	0	2.67	73	–
Ardtalnaig	130	9.7	2.4	6.1	(+1.6)	14.6	30	-1.1	4	–	–	111	118	35	4	20	13	1	0	0	0	0	1	4	17	–	0	2.40	–	S
Dall (Rannoch School)	232	9.4	0.4	4.9	–	13.6	30	-4.8	29	–	–	91	–	26	4	18	13	1	0	0	0	0	1	17	17	–	0	–	–	–
Drummond Castle	113	9.5	1.9	5.7	–	15.0	30	-3.6	29	5.7	–	125	–	41	18	20	13	0	0	0	0	0	–	9	17	–	0	2.83	–	–
Dundee	45	9.6	2.9	6.3	+1.2	13.1	30,31	-1.0	31	5.7	–	59	120	13	18	12	9	0	0	0	0	0	3	4	21	–	0	2.54	77	–
Faskally	94	10.0	2.0	6.0	+1.7	14.2	30	-1.6	4	5.5	4.9	80	140	19	4	18	10	0	0	0	0	0	1	7	17	–	0	–	–	–
Forfar	91	9.3	1.7	5.5	–	13.1	31	-2.6	4	–	–	78	–	27	4	17	9	0	0	0	0	0	5	11	21	–	0	2.62	–	–
Kindrogan	259	8.6	0.3	4.5	–	13.6	30	-4.0	4	–	–	109	–	36	4	21	10	1	4	0	0	0	0	14	23	–	0	–	–	–
Kinross	116	9.6	1.5	5.5	–	13.2	30	-4.6	29	5.7	–	102	–	46	18	17	15	–	0	–	–	–	1	6	18	–	–	2.84	–	–
Montrose	55	9.3	(3.0)	6.1	–	13.4	19,31	–	–	5.4	–	62	126	21	4	15	8	0	0	0	0	0	5	–	17	–	0	–	–	–
Mylnefield (A)	30	9.7	2.7	6.2	-1.4	13.0	13	-1.5	29	6.0	5.8	61	132	15	4	13	9	0	0	0	0	0	2	5	17	–	0	2.65	77	–
Perth Aerodrome (A)	118	9.3	1.5	5.4	–	12.5	31	-2.3	25	–	–	75	–	18	18	16	11	–	0	–	–	–	–	10	–	–	–	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation												
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min below 0 deg C	Concrete min below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
1 SCOTLAND E - Continued																												
Tayside - Continued																												
Strathallan	41	10.2	2.3	6.3	—	14.0	11	-2.5	29	—	—	77	—	20	18	14	13	0	0	1	0	0	3	4	—	—	0	—	—	—
Tummel Bridge	161	9.9	0.7	5.3	—	14.3	30	-4.0	26	—	—	84	—	26	4	22	12	—	—	—	—	—	—	14	—	—	—	—	—	—
Whitehillocks	258	8.9	0.8	4.9	—	13.0	29	-6.0	29	—	—	124	—	53	4	18	12	3	3	0	0	0	1	12	—	—	0	—	—	S
Fife																												
Belliston	82	9.2	3.3	6.3	—	12.0	16	-0.4	29	5.8	—	69	135	22	18	12	11	0	0	0	1	0	6	3	14	—	0	—	—	—
Cupar	42	9.9	2.3	6.1	—	13.4	11	-3.4	29	6.0	—	60	—	19	18	15	11	0	0	0	0	0	—	5	14	—	0	2.50	—	—
Fife Ness	12	9.1	3.8	6.5	—	13.8	19	0.2	1	—	—	—	—	—	—	—	—	0	0	0	0	0	5	0	6	—	2	—	—	—
Leuchars (A)	10	10.0	1.9	5.9	+1.0	14.2	16	-2.5	2	5.7	—	65	159	13	18	12	11	0	0	0	0	0	4	8	17	13	0	2.76	77	—
Lothian																												
Bush House	184	9.4	2.6	6.0	+1.9	13.6	30	-3.8	29	5.2	4.7	83	149	27	18	16	15	0	0	0	1	0	3	6	15	—	0	2.46	79	—
Dunbar	23	9.7	3.7	6.7	+1.3	14.5	19	-1.8	29	5.9	—	54	165	14	20	14	10	0	0	1	0	0	4	2	—	—	1	2.38	65	—
Edinburgh																												
East Craigs	61	10.1	2.6	6.3	+1.4	14.4	20	-3.4	2	6.0	—	54	131	12	18	15	11	0	0	0	0	0	6	5	14	—	0	2.66	(82)	—
Royal Botanic Garden	26	10.0	3.1	6.5	+1.3	14.1	30	-2.1	2	6.0	—	58	149	11	20	15	12	0	0	0	1	0	6	5	17	—	0	2.41	74	—
Royal Observatory Blackford Hill (A)	134	9.6	3.4	6.5	+1.6	14.3	30	-1.0	2	—	—	63	153	15	18	17	13	—	0	—	—	—	4	3	14	—	—	2.61	79	—
Turnhouse Airport (A)	35	10.1	2.2	6.1	+1.1	15.0	30	-3.7	29	6.0	—	55	130	12	18	15	12	1	0	0	0	0	6	7	15	12	0	2.33	76	—
Haddington	41	10.1	3.0	6.5	—	15.6	19	-3.2	29	—	—	51	—	16	20	16	11	0	0	0	1	0	3	5	—	—	0	—	—	—
Livingston	125	9.5	2.4	5.9	—	13.5	29	-3.8	29	—	—	76	—	28	18	17	12	0	0	0	0	0	—	6	—	—	0	—	—	—
Nunraw Abbey	197	9.1	3.3	6.2	—	13.1	16	-3.0	29	—	—	69	—	20	4	16	12	0	0	0	0	0	2	3	—	—	0	—	—	—
Penicuik	185	9.6	1.8	5.7	(+1.7)	14.5	30	-5.2	29	5.3	—	81	129	20	18	16	15	0	0	0	1	0	5	9	17	—	0	2.41	(83)	—
Borders																												
Blyth Bridge	253	8.7	2.3	5.5	+1.9	12.0	11	-4.3	29	—	—	72	118	13	18	19	16	2	0	1	0	0	3	7	17	—	0	2.25	78	—
Blythe	262	8.9	2.2	5.5	—	12.5	30	-2.5	29	5.3	—	75	—	15	4	20	13	1	1	0	0	0	6	7	14	—	1	2.18	—	—
Bowhill (Selkirk)	168	9.7	2.4	6.1	+2.0	13.7	29	-3.3	2	5.6	—	83	143	16	4	20	11	0	0	0	1	0	5	10	11	—	0	—	—	—
Carterhouse	308	8.4	2.4	5.4	—	12.8	12	-3.2	2	5.3	4.8	117	—	30	4	18	14	3	1	1	0	0	2	8	—	10	0	—	—	—
Floors Castle	59	10.4	3.0	6.7	—	14.0	16	-2.0	2	—	—	54	142	17	20	15	10	0	0	0	0	0	4	5	—	—	0	—	—	—
Galashiels	198	9.2	2.7	5.9	—	12.9	29	-2.4	2	—	—	68	—	13	4	20	15	1	1	0	0	0	6	8	10	—	0	1.94	—	—
Glentress	165	10.4	2.5	6.5	(+2.3)	13.5	11,24, 29	-4.0	29	—	—	67	117	16	4	18	12	0	0	0	0	0	5	8	—	—	0	—	—	—
Greycrook	76	10.4	2.7	6.5	—	14.2	30	-2.9	2	6.0	—	63	—	18	20	17	11	0	0	0	0	0	6	9	14	—	0	—	—	—
Kelso	34	10.5	3.0	6.7	—	14.1	13	-2.2	2	6.2	—	53	—	17	20	17	11	0	0	0	0	0	3	6	18	—	0	—	—	—
St Abbs Head	75	9.0	3.9	6.5	—	15.0	19	0.3	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	—	—
West Linton	244	9.2	2.3	5.7	+2.2	12.6	11	-4.9	29	5.1	4.4	81	128	22	18	18	11	0	0	0	1	0	1	7	13	—	0	—	—	—
6 SCOTLAND W																												
Strathclyde																												
Abington	247	(9.0)	(2.0)	5.5	—	—	—	—	—	—	—	105	—	22	5	17	15	—	—	—	—	—	—	—	—	—	—	—	—	—
Ardentinny	5	9.9	2.9	6.4	—	14.1	31	-2.2	29	5.7	5.3	210	—	63	18	21	15	0	0	0	0	0	3	6	12	—	0	—	—	—
Aros	37	10.7	3.2	6.9	—	14.5	28	-0.5	1,25, 29	—	—	164	—	47	18	17	16	0	0	0	1	0	—	4	12	—	0	—	—	—
Auchincruive	48	10.2	3.8	7.0	+1.7	13.4	11	-2.4	29	6.5	6.5	73	137	22	18	18	13	0	0	0	0	0	1	3	14	—	0	3.06	90	—
Benmore (Younger Botanic Garden)	12	9.7	3.1	6.4	(+1.4)	13.2	25	-2.4	29	5.9	—	237	142	66	18	24	17	0	0	0	0	0	2	7	14	—	0	—	—	—
Black Mount	175	9.4	0.9	5.1	—	13.0	25	-6.0	29	—	—	190	—	50	18	22	16	1	0	0	0	0	1	11	—	—	0	—	—	—
Brodick Castle	15	10.2	4.0	7.1	—	13.4	25,30	-0.6	29	7.3	—	163	—	48	18	23	17	0	0	0	0	0	2	3	13	—	0	—	—	—
Camps Reservoir	295	8.1	1.7	4.9	(+2.0)	11.4	11	-6.1	29	—	—	122	—	28	4	20	15	4	0	0	0	0	—	11	—	—	0	2.05	—	—
Carnwath	208	9.4	1.3	5.3	+1.7	13.5	11,12	-8.0	29	5.1	—	73	134	15	20	19	13	2	0	3	0	0	2	11	17	14	2	—	—	—
Colonsay Hotel	15	9.8	4.7	7.3	—	13.3	25	0.5	1	—	—	94	—	26	18	18	16	0	0	1	0	0	0	0	—	—	2	—	—	—
Cumnock	99	10.1	3.4	6.7	—	13.2	11	-2.9	29	6.1	—	69	—	17	18	20	13	0	0	0	0	0	0	6	11	—	0	—	—	S
Dairy	32	10.4	3.3	6.9	—	15.0	30	-5.5	25	—	—	118	—	49	18	21	11	0	0	0	0	0	0	4	—	—	0	—	—	—
Drumclog	227	8.7	1.9	5.3	—	12.8	11	-5.6	29	—	—	98	—	39	18	17	14	0	0	0	0	0	0	9	14	—	0	—	—	—
Dunstaffnage (A)	3	10.3	3.9	7.1	—	13.7	25	-0.5	23	6.4	—	150	—	45	18	20	15	1	0	0	0	0	0	1	10	—	1	2.57	—	—
East Kilbride	178	9.3	2.8	6.1	—	13.5	11	-3.0	29	—	—	106	—	41	18	19	11	0	0	0	0	0	—	6	14	—	0	2.67	—	—
Girvan	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Glasgow Abbotsinch Airport (A)	5	10.4	2.7	6.5	—	14.6	30	-4.7	29	6.1	—	90	138	35	18	19	13	0	0	0	0	0	1	9	13	10	0	2.79	—	—
Springburn Park	107	9.6	3.0	6.3	+1.6	13.6	30	-1.7	29	—	—	(102)	—	—	—	—	—	—	—	—	—	—	—	4	—	—	—	—	—	—
Helensburgh	96	9.2	2.9	6.1	—	13.0	30,31	-2.0	29	—	—	158	—	51	18	21	13	—	—	—	—	—	—	4	—	—	—	2.75	—	—
Hunterston	8	10.2	4.7	7.5	+1.7	13.6	30	1.0	23	—	—	104	—	37	18	16	10	0	0	0	0	0	0	0	—	—	0	—	—	—
Inverman Mor	70	9.7	2.2	5.9	—	13.7	25	-2.6	29	—	—	201	—	57	18	22	16	0	0	0	0	0	3	11	—	—	0	—	—	—
Leadhills	388	9.0	0.4	4.7	—	13.3	25	-7.9	29	—	—	149	—	33	4	21	15	4	0	0	0	0	5	13	13	—	0	—	—	—
Lochgilphead	5	10.0	3.6	6.8	—	13.3	31	-1.4	29	—	—	160	—	67	18	20	17	0	0	0	0	0	—	7	—	—	0	—	—	—
Lochranza	46	9.6	3.9	6.7	—	12.0	25	-1.0	29	—	—	115	—	38	18	19	15	—	—	—	—	—	—	2	—	—	—	—	—	—
Machrihanish (A)	10	9.7	4.1	6.9	(+1.2)	12.1	25	-0.4	29	—	—	102	—	32	18	22	14	—	—	—	—	—	—	1	—	—	—	—	—	—
Millport	5	9.9	4.8	7.3	(+1.5)	13.3	26	1.4	23	—	—	97	130	33	18	17	11	0	0	0	0	0	—	0	—	—	0	—	—	—
Motherwell (Strathclyde Park)	24	10.5	2.3	6.4	—	14.4	11	-4.2	29	—	—	65	—	21	18	15	12	0	0	0	0	0	0	9	—	—	0	—	—	—
Orsay	23	8.8	5.1	6.9	—	11.1	28	1.5	29	—	—	92	—	35	18	19	14	—	0	0	0	0	2	0	3	—	3	—	—	—
Paisley (A)	32	10.5	3.8	7.1	+1.4	14.9	30	-1.5	29	6.6	6.6	98	131	41	18	19	12	0	0	0	0	0	2	1	11	—	0	2.57	89	—
Pollok Country Park	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Prestwick (A)	16	10.5	3.4	6.9	+1.5	14.1	25	-2.6	29	6.5	—	70	129	21	18	17	12	0	0	0	0	0	0	7	12	11	0	3.15	90	—
Rothesay	43	9.8	4.4	7.1	(+1.6)	13.1	25,31	1.3	2	5.8	5.7	120	134	51	18	18	13	0	—	0	0	0	0	—	13	—	2	2.65	—	—
Salsburgh	260	8.4	2.3	5.3	—	12.2	11	-1.8	29	—	—	81	—	25	18	18	13	—	—	—	—	—	—	6	—	—	—	—	—	—
Saughall	221	9.2	2.1	5.7	—	12.8	11	-5.9	29	5.1	5.1	102	—	42	18	18	13	0	0	0	0	0	3	10	14	12	0	2.67	—	—
Tiree (A)	9	9.4	4.8	7.1	+1.2	11.9	26	0.9	1	6.8	—	120	155	24	18	20	20	0	0	0	3	0	1	0	6	4	1	2.98	81	—
Uplawmoor	128	8.8	2.7	5.7	—	12.4	11	-3.4	29	—	—	132	—	53	18	21	15	0	0	0	0	0	3	5	15	—	0	—	—	—
Central																												
Aberfoyle	27	10.2	1.6	5.9	—	14.9	30	-4.8	29	—	—	148	—	55	18	20	17	0	0	0	0	0	2	12	19	—	0	—	—	—
Arrochymore	30	10.0	2.6	6.3	—	13.9	30	-2.6	29	6.1	—	165	—	59	18	19	15	—	0	—	—	—	0	8	16	—	—	2.46	—	S
Balquhidder	136	9.6	2.2	5.9	—	13.0	24,29	-1.7	29	5.3	—	160	—	39	18	21	12	1	0	0	0	0	5	8	15	—	0	—	—	—
Falkirk	3	10.4	2.8	6.6	—	15.0	30	-2.2	24	—	—	77	—	32	18	18	11	0	0	0	0	0	—	7	—	—	0	—	—	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min below 0 deg C	Concrete min below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
6 SCOTLAND W - Continued																														
Central - Continued																														
Grangemouth (BP Refinery)	2	10.7	4.2	7.5	—	15.4	30	-0.8	29	—	—	66	—	28	18	18	11	0	0	0	0	0	2	1	—	—	1	—	—	—
Loch Venachar	84	9.1	1.6	5.3	—	12.1	25	-3.5	29	—	—	149	—	54	18	20	16	1	0	0	1	0	3	12	16	—	0	—	—	—
Mugdock Park	165	9.3	2.7	6.0	—	13.4	30	-1.1	2	5.2	—	138	—	51	18	17	14	1	0	0	0	0	3	3	—	—	0	—	—	—
Parkhead	35	10.0	2.8	6.4	—	13.6	30	-2.0	29	5.0	—	87	—	27	18	20	15	0	0	0	0	0	3	3	—	—	0	—	—	—
Stirling (Sewage Works)	7	10.4	3.6	7.0	—	15.1	30	-2.0	29	—	—	86	—	31	18	20	13	—	0	—	—	—	—	3	9	—	—	2.49	—	—
Tyndrum	168	9.3	2.0	5.7	—	12.8	25	-3.5	29	—	—	210	—	51	18	21	16	3	0	0	1	0	—	8	—	—	0	—	—	—
Dumfries & Galloway																														
Auchen Castle	184	9.5	2.8	6.1	—	13.1	11	-4.6	29	—	—	149	—	54	18	20	14	0	0	0	0	0	3	9	14	—	0	—	—	—
Bargrennan	110	10.1	2.7	6.4	+1.8	14.1	28	-3.2	29	—	—	177	175	48	18	24	19	0	0	0	0	0	—	10	—	—	0	—	—	—
Clatteringshaws	178	8.9	2.7	5.8	—	12.2	24	-4.1	29	—	—	206	144	53	18	22	15	3	0	1	0	—	1	4	—	—	—	2.66	—	—
Corsewall Point	15	9.7	4.7	7.2	—	12.6	27	0.6	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	—	—
Creebridge	18	10.7	3.4	7.1	—	14.6	28	-2.5	29	—	—	142	—	38	18	23	16	0	0	0	1	0	—	6	—	—	0	—	—	—
Dumfries	49	10.3	3.4	6.9	+1.8	12.5	16	-3.0	1	6.7	6.3	119	181	25	18	16	15	0	0	0	0	0	0	6	11	—	0	2.32	73	S
Dumfries (Drungans)	28	10.6	4.0	7.3	—	12.8	16,30	-2.5	29	—	—	120	—	27	18	17	14	—	—	—	—	—	—	3	—	—	—	—	—	—
Eskdalemuir (A)	242	8.7	2.2	5.5	+2.0	12.7	11	-4.2	29	5.6	5.5	170	157	61	18	20	17	3	0	0	3	0	2	10	10	10	0	2.03	71	—
Glenlee	55	10.5	2.9	6.7	+2.1	12.9	11	-5.0	29	—	—	161	149	41	18	21	15	—	0	—	—	—	—	7	13	—	—	—	—	—
Glenlochar Barrage	47	9.9	3.3	6.6	+1.8	12.1	11,24	-2.4	1	—	—	133	154	34	18	18	15	0	0	0	0	0	2	6	—	—	0	—	—	—
Penwhirn	166	9.2	(3.0)	6.1	—	10.8	29	—	—	—	—	175	170	59	18	22	20	0	0	0	0	0	0	—	6	—	0	—	—	—
Threave	73	9.9	3.3	6.6	+1.9	13.0	11	-2.2	29	6.3	—	145	173	35	18	19	15	0	0	2	0	0	2	7	13	—	1	—	—	—
Whithorn	40	8.9	3.5	6.2	—	10.7	31	-2.3	29	6.9	—	121	—	31	18	19	15	0	0	0	1	0	4	4	11	8	0	2.96	—	—
2 ENGLAND E & N E																														
Northumberland																														
Boulmer (A)	23	9.9	3.8	6.9	—	15.0	13	-0.5	4	6.3	5.9	67	—	17	4	18	10	1	0	0	0	0	4	1	10	6	0	3.02	—	—
Cockle Park	99	9.9	3.8	6.9	+2.5	15.2	13	-0.9	2	6.0	—	77	145	17	20	22	12	1	0	0	0	0	5	3	9	—	0	1.98	60	—
Haydon Bridge	82	11.0	3.7	7.3	+2.7	16.2	13	-2.0	2	6.7	—	88	—	28	20	20	13	0	0	0	0	0	1	3	—	—	0	—	—	—
Kielder Castle	201	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Redesdale	235	9.0	2.2	5.6	—	12.9	13	-3.5	2	5.1	—	82	—	18	4	17	13	—	1	—	—	—	7	9	17	—	—	1.89	—	—
Tyne & Wear																														
Newcastle Weather Centre (X)	52	10.3	5.0	7.7	—	16.1	13	0.6	1	—	—	77	—	19	20	18	11	0	—	0	0	0	2	0	—	—	0	—	—	—
South Shields	5	10.4	4.7	7.5	—	17.1	13	0.3	1	—	—	70	—	20	20	18	11	0	0	0	0	0	4	0	—	—	0	—	—	—
Sunderland Polytechnic	56	10.6	5.2	7.9	—	18.1	13	0.5	1	—	—	64	—	19	20	15	10	1	0	0	0	0	3	0	—	1	0	2.54	—	—
Tynemouth	30	9.5	4.7	7.1	+1.8	16.6	13	0.5	1	—	—	73	178	19	20	17	10	—	0	—	—	—	—	0	3	—	—	2.51	79	—
Durham																														
Durham	102	10.8	3.6	7.2	+2.4	17.6	13	-1.2	1	6.5	6.0	61	135	17	4	15	10	—	0	—	—	—	3	2	10	—	—	2.20	69	—
Low Etherley	155	10.0	3.1	6.5	—	16.9	13	-1.8	1	6.3	6.3	63	—	17	4	17	12	2	0	0	0	0	4	6	18	9	0	—	—	—
Widdybank Fell	513	6.9	1.2	4.1	—	11.2	12	-3.7	2	3.4	—	187	—	42	4	21	17	—	4	—	—	—	7	12	17	—	—	1.64	—	—
Cleveland																														
North Yorkshire																														
Askham Bryan	33	10.9	3.8	7.3	+2.2	17.2	13	-0.6	25	—	—	43	108	8	7	19	12	0	0	0	0	0	1	3	9	—	0	1.74	56	S
Cawood	6	10.8	4.4	7.6	+2.4	16.7	13	-0.7	2	6.9	6.5	52	132	10	7	21	14	0	0	0	0	0	2	3	12	—	0	2.00	63	—
Church Fenton	8	11.0	4.1	7.5	—	17.4	13	-1.3	2	—	—	48	—	9	7	18	15	—	—	—	—	—	—	4	—	—	—	—	—	—
Fylingdales	262	8.7	3.0	5.9	—	14.7	13	-2.0	2	—	—	67	—	16	4	17	15	4	—	—	—	—	—	4	—	—	—	—	—	—
Harrogate (Bilton)	66	10.6	3.5	7.1	+2.4	17.9	13	-3.2	2	—	—	65	125	11	4	19	14	1	0	0	0	1	0	8	10	—	1	1.29	39	—
High Mowthorpe	175	9.5	3.7	6.6	+2.5	15.4	13	-2.4	2	5.9	—	51	94	11	4	21	10	—	0	—	—	—	7	3	10	—	—	—	—	—
Linton-on-Ouse	14	11.2	4.0	7.6	—	18.0	13	-2.2	30	—	—	48	—	8	7	21	14	—	—	—	—	—	—	5	—	—	—	—	—	—
Leeming (A)	32	10.8	4.1	7.5	(+2.3)	17.7	13	-1.4	1	6.8	6.4	64	146	19	4	20	13	0	0	0	1	0	2	2	14	4	0	1.75	—	—
Malham Tarn	381	7.9	2.7	5.3	+2.4	14.3	13	-2.4	2	5.0	—	119	—	27	18	21	15	4	2	0	0	0	5	5	13	—	0	1.30	—	—
Scarborough	110	9.5	4.4	6.9	—	15.6	13	0.0	2	6.4	6.1	34	—	7	4	18	10	0	0	0	0	0	8	0	—	—	1	1.83	—	—
Whitby	41	10.5	5.0	7.7	(+2.4)	17.9	13	-1.5	2	6.9	6.4	37	—	14	4	18	10	1	0	0	0	0	3	1	6	—	1	2.06	57	—
Whitby Coastguard	60	10.0	4.6	7.3	(+2.2)	16.8	13	-1.3	2	—	—	31	—	11	4	17	9	0	0	0	0	0	4	1	1	1	0	—	—	—
Wycliffe Hall	20	—	—	—	—	—	—	—	—	—	—	66	—	19	4	14	10	0	—	0	0	0	—	—	—	—	0	—	—	—
Wykeham Forest	211	(9.6)	(4.3)	6.9	—	15.0	31	(-0.5)	2	(5.7)	—	40	—	8	16	15	11	0	0	0	0	0	—	2	4	—	0	(1.56)	—	—
Humberside																														
Cleethorpes	23	11.1	5.0	8.1	—	16.5	19	-2.3	2	—	—	30	—	6	16	16	6	—	0	—	—	—	2	3	10	5	—	2.57	—	—
Hull	2	11.3	5.1	8.2	+2.4	17.0	19	-1.4	2	7.3	6.9	38	83	6	16	19	11	0	0	0	0	1	—	1	6	—	0	—	—	S
Lincolnshire																														
Coningsby (A)	6	11.7	4.3	8.0	—	17.1	13	-2.9	2	—	—	34	—	10	16	12	8	0	0	0	1	1	2	5	8	5	0	—	—	—
Covenham	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranwell (A)	62	11.2	4.0	7.6	+2.5	17.2	13	-2.1	2	—	—	25	58	5	18	13	10	—	—	—	—	—	—	4	—	—	—	—	—	—
Driby	41	10.9	3.9	7.4	—	15.9	13	-3.0	2	—	—	37	—	11	16	15	8	—	—	—	—	—	—	5	—	—	—	—	—	—
Kirton	4	11.4	4.6	8.0	—	17.3	13	-1.4	2	7.6	7.3	30	—	10	16	12	8	0	0	0	0	0	0	2	13	—	0	3.11	—	—
Lincoln (Canwick)	7	11.5	(4.2)	7.9	—	17.5	13	-2.7	2	7.8	7.9	25	—	5	16	13	8	0	0	0	0	0	3	3	11	—	0	—	—	—
Scampton	58	10.9	4.1	7.5	—	17.4	13	-1.6	2.30	—	—	26	—	7	16	12	10	—	—	—	—	—	—	4	—	—	—	—	—	—
Skegness	5	10.6	4.7	7.7	(+2.4)	16.4	19	-1.2	2	—	—	31	74	7	18	15	8	—	—	—	—	—	2	1	—	—	—	2.85	81	—
Waddington (A)	68	11.1	4.3	7.7	+2.5	17.4	13	-2.8	2	7.4	7.0	27	60	7	16	13	10	0	0	0	0	0	3	4	10	5	0	2.80	81	—
3 EAST ANGLIA																														
Norfolk																														
Bressingham	30	11.9	3.8	7.9	—	17.9	13	-4.0	2	—	—	27	—	6	18	14	8	0	0	0	0	0	2	6	10	4	0	—	—	—
Coltishall (A)	18	11.5	4.1	7.8	(+2.4)	18.3	13	-2.9	1	—	—	25	60	5	18	11	9	0	0	0	0	0	1	5	12	5	0	—	—	—
Cromer	54	11.8	5.1	8.5	+3.1	19.6	13	-1.8	2	—	—	25	59	5	5	13	7	0	0	0	0	0	0	2	7	—	0	—	—	—
Denver	2	11.8	4.5	8.1	—	18.0	13	-2.0	2	7.4	7.2	33	—	7	16	13	9	—	—	—	—	—	1	3	—	—	—	2.90	—	S
Hemsby (A)	13	11.0	4.3	7.7	—	16.5	14	-1.9	2	7.5	7.3	20	—	5	18	12	8	0	0	0	0	0	3	3	10	5	0	3.76	—	—
Hunstanton	15	10.9	5.0	7.9	—	15.6	13	-1.5	2	—	—	25	—	6	18	14	7	—	—	—	—	—	—	2	—	—	—	3.46	—	—
Marham (A)	21	11.9	4.2	8.1	+2.6	18.7	13	-2.9	2	—	—	30	70	8	16	12	8	0	0	0	0	1	1	3	14	5	0	2.85	—	—
Morley St Botolph	46	11.5	4.0	7.7	—	17.4	13	-3.5	2	7.3	—	27	—	7	18	11	9	0	0	0	0	0	3	5	11	—	0	3.26	—	—
Norwich Weather Centre	15	11.6	5.0	8.3	—	18.5	13	-0.4	2.30	—	—	25	—	6	18	12	9	0	—	0	0	0	1	2	—	—	0	3.25	—	—
South Raynham	68	11.1	4.4	7.7	—	17.7	13	-2.2	2	—	—	25	—	6	5	13	6	0	0	0	0	0	2	3	9	—	0	—	—	—
Terrington St Clement	2	11.9	4.6	8.3	+2.8	17.4	13	-1.6	30	7.5	—	35	82	11	16	12	9	0	0	0	0	0	1	3	9	—	0	3.07	87	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation												
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more / 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
3 EAST ANGLIA - Continued																												
Cambridgeshire																												
Boxworth	53	11.7	4.2	7.9	(+2.4)	17.4	13	-3.4	30	–	–	34	–	10	5	13 / 8	0	0	1	0	1	4	3	10	–	0	3.26	(91)	-
Cambridge Botanic Garden	12	(12.4)	(4.4)	8.4	+2.5	18.4	13	-3.5	2	7.9	7.6	39	98	14	16	11 / 9	0	0	0	0	1	0	4	13	–	0	–	–	-
National Institute of Agricultural Botany	24	12.0	4.7	8.3	+2.4	17.9	13	-2.9	30	–	–	38	95	13	16	9 / 8	0	0	0	0	1	0	2	12	–	0	3.24	89	-
March	2	(12.6)	(4.5)	8.5	–	18.8	13	-2.4	2	–	–	34	80	13	16	13 / 7	–	0	–	–	–	–	2	–	–	–	–	–	-
Marholm	21	12.1	3.7	7.9	–	18.8	13	-4.1	2	–	–	28	–	5	5	12 / 9	0	0	0	0	0	0	6	9	–	0	–	–	-
Mepal	-2	12.4	4.2	8.3	–	18.5	13	-3.2	30	8.4	8.9	35	–	13	16	11 / 7	0	0	0	0	1	2	3	14	–	0	3.02	–	-
Monks Wood	39	12.3	4.1	8.2	(+2.8)	18.4	13	-2.0	2	7.2	6.7	29	–	8	5	12 / 9	0	0	0	0	1	2	4	10	–	0	3.25	–	-
Wittering	73	11.3	4.4	7.9	+2.5	17.9	13	-1.9	2	–	–	29	–	6	5	11 / 9	–	–	–	–	–	–	3	–	–	–	–	–	-
Wyton (A)	40	12.0	4.5	8.3	+2.6	18.3	13	-1.2	30	–	–	30	71	8	5	13 / 7	–	0	0	0	1	2	4	10	6	0	3.48	–	-
Suffolk																												
Brooms Barn	75	11.7	4.2	7.9	(+2.5)	17.4	13	-2.1	30	7.2	6.9	26	–	7	5	11 / 8	0	0	0	0	1	4	2	10	–	0	3.62	(100)	-
Cavendish	55	11.6	3.6	7.6	–	17.5	13	-4.2	2	7.6	–	23	–	6	16	10 / 6	0	0	0	1	1	3	6	9	–	0	3.75	–	-
East Bergholt	5	12.3	4.0	8.1	+2.4	17.0	14	-4.3	2	–	–	27	70	7	5	9 / 6	0	0	0	0	0	2	4	15	–	0	–	–	-
Honington (A)	51	11.6	4.0	7.8	–	17.5	13	-4.2	2	–	–	26	–	6	5,16	10 / 8	0	0	0	0	0	2	6	10	8	0	3.41	–	-
Levington	22	11.7	4.6	8.1	–	16.7	14	-2.3	2	7.2	–	27	–	7	22	11 / 7	0	0	2	0	0	2	3	13	–	0	3.59	–	-
Lowestoft	25	10.8	4.8	7.8	+2.4	16.7	14	-0.6	2	7.4	7.1	21	58	6	18	12 / 8	0	0	0	0	0	2	1	4	3	0	3.83	103	-
Wattisham (A)	89	11.4	4.2	7.8	+2.7	17.1	13	-0.9	2	–	–	29	76	6	22	10 / 6	0	0	1	0	0	3	2	14	8	0	3.70	–	-
Westleton	10	10.9	4.1	7.5	–	17.7	14	-1.8	2	–	–	23	–	5	18	11 / 7	0	0	1	0	0	2	2	5	–	0	–	–	-
Bedfordshire																												
Bedford (A)	85	11.5	4.1	7.8	–	17.2	13	-1.3	2	–	–	31	71	8	5	11 / 9	–	–	–	–	–	–	4	–	–	–	–	–	-
Woburn	89	11.6	4.2	7.9	+2.6	17.5	13	-3.3	2	7.5	6.8	30	62	9	5	14 / 8	1	0	0	0	0	–	6	11	–	0	2.83	82	-
Hertfordshire																												
Aldenham School	91	11.7	4.5	8.1	–	17.5	13	-2.5	30	7.1	–	35	–	9	5	16 / 9	0	0	0	1	1	0	3	11	7	0	–	–	-
Rothamsted	128	11.2	3.8	7.5	+2.3	17.0	13	-4.4	30	7.0	6.5	28	54	10	5	15 / 9	0	0	1	0	0	4	4	15	–	0	3.06	88	-
Stanstead Abbotts	30	12.5	4.6	8.5	–	17.7	13	-3.5	30	–	–	23	–	9	16	8 / 5	–	–	–	–	–	–	5	–	–	–	–	–	-
Essex																												
Clacton-on-Sea	16	10.3	4.9	7.6	+1.9	14.6	31	0.7	2	7.5	7.3	26	66	8	5	14 / 7	0	0	0	0	1	1	0	4	–	0	3.35	86	-
Halstead	70	11.9	4.5	8.2	–	17.1	13	-2.5	2	7.4	6.9	23	–	7	5	7 / 5	0	0	0	0	0	1	2	–	–	0	–	–	-
Rettendon	16	12.0	4.3	8.1	–	15.9	14	-1.8	2	–	–	28	–	7	16	12 / 7	0	0	0	0	0	1	2	4	10	–	0	2.86	–	-
Shoeburyness																												
Landwick (A)	2	11.4	4.9	8.1	–	16.2	14	-1.6	2	–	–	26	–	10	16	8 / 6	–	–	–	–	–	–	2	–	–	–	–	–	-
Southend	2	11.3	5.3	8.3	–	15.3	14	-2.6	2	–	–	26	–	12	16	9 / 6	0	0	0	0	1	1	1	–	–	0	3.38	–	-
Stansted (A)	101	11.7	4.2	7.9	+2.6	17.0	13	-3.1	30	7.2	–	34	82	16	16	9 / 6	0	0	0	0	1	2	4	10	5	0	–	–	-
Writtle	35	12.1	3.9	8.0	+2.4	17.2	13	-3.2	2	7.8	–	31	75	14	16	13 / 6	0	0	0	0	1	2	6	14	–	0	3.33	97	-
4 MIDLAND COUNTIES																												
West Yorkshire																												
Bradford	134	10.2	4.4	7.3	+2.5	17.5	13	-0.5	1	6.3	6.0	71	110	9	16	19 / 14	1	0	0	0	0	3	2	10	–	0	1.16	39	-
Bramham	54	10.5	4.2	7.3	+2.4	17.1	13	-0.5	2	–	–	59	–	9	7	19 / 15	0	0	1	0	0	5	4	17	7	2	1.91	(63)	-
Emley Moor	259	–	–	–	–	–	–	–	–	–	–	69	–	15	19	19 / 14	–	–	–	–	–	–	–	–	–	–	–	–	-
Holme Moss	520	7.2	2.4	4.8	–	18.0	13	-1.4	1	–	–	103	–	24	18	19 / 17	4	2	0	1	0	14	4	–	–	2	–	–	-
Leeds Weather Centre (X)	62	11.3	5.4	8.3	–	18.5	13	0.5	1	–	–	48	–	6	7,16	18 / 12	–	–	0	1	0	0	0	–	–	1	1.75	–	-
Wilsden (A)	262	–	–	–	–	–	–	–	–	–	–	82	–	17	4	19 / 13	–	–	–	–	–	–	–	–	–	–	–	–	-
South Yorkshire																												
Finningley (A)	10	11.6	4.1	7.9	–	17.4	13	-2.5	30	6.8	–	27	–	4	4	16 / 9	0	0	0	0	0	3	3	10	6	0	2.32	–	-
Sheffield, Weston Park	131	10.7	5.2	7.9	+2.5	18.3	13	-0.3	4	6.8	6.5	59	92	9	7	20 / 15	0	0	0	0	0	1	–	1	–	–	0	1.97	65	S
Derbyshire																												
Ashover	178	10.2	4.4	7.3	–	17.2	13	-1.2	2	–	–	55	–	9	18	20 / 12	0	0	2	0	0	5	2	13	–	0	–	–	-
Buxton	307	8.9	3.7	6.3	+2.7	15.9	13	-1.6	2	5.7	5.2	77	79	13	18	22 / 16	1	0	0	1	0	2	4	10	–	0	1.94	69	S
Wingerworth	116	10.3	4.1	7.2	–	16.5	13	-2.6	30	7.0	–	52	–	9	16	22 / 10	2	0	0	0	0	6	4	10	5	0	1.98	–	S
Nottinghamshire																												
Clarborough	21	11.7	4.0	7.9	–	17.2	13	-2.8	30	7.4	6.9	25	–	5	4	15 / 9	0	0	0	0	0	0	4	15	–	1	2.36	–	S
Keyworth	69	11.3	4.8	8.1	–	18.4	13	-1.3	30	–	–	33	–	5	16	14 / 10	0	0	0	0	0	1	1	12	–	0	–	–	-
Southwell	70	11.1	4.6	7.9	–	15.0	20	-1.8	30	7.3	6.5	29	–	6	18	13 / 8	–	0	–	–	–	0	3	10	–	–	2.30	–	S
Sutton Bonington	48	11.6	4.8	8.2	+2.8	18.1	13	-1.8	30	7.2	6.9	37	85	7	16	13 / 8	0	0	0	0	0	0	4	12	7	0	2.43	76	-
Warsop	46	11.5	4.1	7.8	+2.8	18.2	13	-2.9	30	–	–	32	69	7	16	15 / 7	0	0	0	0	0	2	6	12	–	0	2.43	77	-
Nottingham W.C. (A)	117	10.8	4.7	7.7	+2.5	18.3	13	-1.0	2	7.3	–	43	80	8	18	16 / 9	0	0	0	1	0	3	2	10	6	0	2.36	81	-
Wiseton	6	11.2	3.4	7.3	–	17.0	13	-4.0	30	–	–	28	–	5	4	15 / 10	0	0	0	0	0	2	4	–	–	0	2.41	–	-
Staffordshire																												
Cellarhead	228	9.6	3.7	6.7	–	15.4	13	-2.1	30	–	–	57	–	9	4	17 / 13	0	0	–	–	–	–	4	12	4	–	–	–	-
Keele (A)	179	10.3	4.2	7.3	+2.5	17.2	13	0.7	2	6.2	5.8	45	87	7	4	13 / 12	0	0	0	0	0	1	1	12	6	0	2.29	73	S
Penkridge	101	11.2	4.4	7.8	+2.7	17.8	13	-3.0	30	–	–	42	86	8	6	16 / 13	0	0	0	0	0	1	4	12	–	0	1.70	–	-
Leicestershire																												
Brooksby Hall	70	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– / –	–	–	–	–	–	–	–	–	–	–	–	–	-
Caldecott	53	11.7	4.1	7.9	+2.7	18.1	13	-2.1	2	–	–	27	60	5	5	11 / 10	0	0	0	0	0	1	5	14	–	0	2.54	79	-
Cottesmore	138	–	3.8	–	–	–	–	-2.0	1.30	–	–	29	–	5	18	13 / 8	–	–	–	–	–	–	4	–	–	–	–	–	-
Newtown Linford	119	11.2	4.2	7.7	+2.7	18.7	13	-3.2	2	–	–	41	84	9	16	14 / 11	0	0	0	0	0	1	4	7	–	0	2.24	72	S
Shropshire																												
Edge	126	11.0	4.1	7.5	–	18.1	13	-1.6	24	–	–	63	–	17	7	20 / 12	0	0	2	0	0	2	5	14	–	0	–	–	-
Ludlow College	107	11.4	4.4	7.9	–	18.5	13	-2.1	24	–	–	87	–	17	6	20 / 16	0	0	1	0	0	–	5	–	–	0	–	–	-
Nethercott	150	11.3	4.0	7.7	–	16.7	13	-2.2	30	–	–	85	–	19	6	17 / 14	1	0	0	1	0	4	4	14	–	0	–	–	-
Newcastle-on-Clun	210	10.5	3.7	7.1	–	17.7	13	-2.3	2	–	–	–	–	–	–	– / –	–	–	–	–	–	–	7	–	–	–	–	–	-
Oswestry School	139	10.8	4.5	7.7	–	18.1	13	-1.1	2	–	–	94	–	19	7	17 / 16	0	0	0	0	0	3	1	–	–	0	–	–	-
Pennerley	357	9.3	3.4	6.3	–	16.0	13	0.0	27	–	–	70	–	18	7	20 / 12	1	0	0	0	0	5	0	9	–	0	–	–	-
Preston Montford	67	–	4.1	–	–	–	–	-2.3	30	6.8	6.6	62	–	18	7	18 / 11	0	0	0	0	0	1	6	14	–	0	–	–	-
Shawbury (A)	72	11.1	3.6	7.3	-2.0	18.2	13	-2.7	30	7.0	–	57	127	14	7	17 / 12	1	0	0	2	0	0	7	15	12	0	2.42	75	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
4 MIDLAND COUNTIES - Continued																														
West Midlands																														
Birmingham Elmdon Airport (A)	98	11.4	4.2	7.8	+2.6	17.8	13	-3.2	30	6.6	—	50	97	8	7	15	10	0	0	0	0	0	5	11	9	0	2.34	71	-
Winterbourne	140	10.8	4.7	7.7	—	17.6	13	-1.9	2	7.2	6.5	55	—	8	4	14	11	1	0	2	0	0	2	4	12	8	0	2.20	—	-
Halesowen	155	11.3	4.1	7.7	+2.3	18.9	13	-1.8	2	6.9	7.0	62	103	9	4	15	11	0	0	0	0	0	2	5	13	10	0	2.27	71	S
Walsall	163	11.0	4.6	7.8	+2.6	18.3	13	-1.0	23	—	—	55	—	12	7	16	11	0	0	0	0	0	—	3	12	—	0	—	—	-
Warwickshire																														
Coventry (Bablake)	93	11.6	4.7	8.1	—	18.2	13	-1.8	2	7.1	6.3	45	—	7	7	13	10	0	0	1	0	0	0	3	9	8	0	2.55	—	-
Rugby	117	11.4	4.2	7.8	(+2.5)	17.7	13	-3.0	1	7.2	7.0	39	82	6	7	15	10	0	0	0	0	0	—	4	12	8	0	—	—	-
Stratford-upon-Avon	49	11.7	—	—	—	17.8	13	—	—	7.3	—	43	97	10	6	15	11	—	0	—	—	—	2	—	—	—	—	2.31	71	-
Wellesbourne	47	11.8	4.2	8.0	+2.5	18.1	13	-2.4	2	7.3	6.9	41	95	8	7	14	10	0	0	0	0	1	6	14	10	0	2.74	83	-
Northamptonshire																														
Moulton Park	122	11.3	4.1	7.7	—	17.5	13	-2.2	2	7.2	(6.9)	34	—	6	5	11	9	0	0	0	0	0	—	3	10	—	0	2.82	—	S
Raunds	59	11.9	4.2	8.1	+2.7	17.9	13	-3.1	2	7.5	6.8	34	73	6	5	12	9	0	0	0	0	0	2	4	12	—	0	—	—	S
Hereford & Worcester																														
Astwood Bank	139	11.1	4.2	7.7	—	17.4	13	-1.0	2	—	—	69	—	13	6	14	12	1	0	0	0	0	3	2	12	—	0	—	—	-
Barbourne	25	12.6	4.2	8.4	—	20.8	13	-3.0	2, 4	—	—	69	—	23	6	15	13	0	0	0	0	0	1	5	16	—	1	—	—	-
Batchley Farm	247	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Great Malvern	44	12.1	4.9	8.5	—	18.0	13	-1.8	2	—	—	87	—	25	6	16	13	0	—	—	—	—	—	3	—	—	—	—	—	-
Lyonshall	155	10.8	4.3	7.5	+2.3	16.8	13	-1.0	2	—	—	80	127	14	7	19	15	—	—	—	—	—	—	3	15	—	—	—	—	-
Madley	77	11.2	3.9	7.5	—	17.2	13	-2.6	24	—	—	83	—	19	4	17	11	0	0	0	0	2	5	—	—	—	0	—	—	-
Malvern	62	12.1	5.2	8.7	+2.7	18.2	13	-0.6	2,30	7.2	6.9	87	163	25	6	18	14	0	0	1	0	0	1	2	9	—	0	2.71	79	S
Pershore College of Hort.	40	11.9	4.7	8.3	+2.5	17.5	13	-2.3	30	—	—	61	142	22	6	14	12	0	0	1	0	0	1	2	11	—	0	—	—	S
Preston Wynne	84	11.2	4.4	7.8	+2.5	16.5	13	-2.8	30	—	—	79	157	18	6	14	14	—	0	—	—	—	0	4	14	—	—	2.52	72	-
Ross on Wye	67	12.1	5.0	8.5	+2.6	18.0	13	-1.8	30	8.2	—	76	149	20	6	15	11	0	0	0	1	1	1	3	12	—	0	3.16	91	-
Gloucestershire																														
Cheltenham	65	11.6	4.9	8.3	+2.3	18.1	13	-1.3	2	—	7.1	84	165	19	6	18	16	0	0	0	0	0	0	2	—	—	2	2.99	85	-
Cirencester	135	11.5	4.3	7.9	—	16.5	13	-1.5	30	7.1	—	73	—	18	6	16	11	0	—	0	0	0	—	3	13	—	0	—	—	-
Didbrook Fields	80	11.7	4.2	7.9	—	17.4	13	-2.4	30	—	—	55	—	23	6	16	11	0	0	1	0	0	1	6	—	—	0	—	—	-
Randwick	200	10.6	4.4	7.5	—	16.2	13	-0.9	2	7.3	—	74	—	20	6	17	14	0	0	0	0	0	5	1	10	—	0	—	—	-
Slimbridge	5	11.9	4.7	8.3	—	17.7	13	-2.8	24	—	—	59	—	13	6	18	11	0	0	0	0	0	0	4	10	—	0	—	—	-
Westonbirt	122	11.0	4.0	7.5	—	16.4	13	-3.3	2	7.2	6.8	73	—	19	6	15	13	0	0	0	1	0	2	5	12	—	0	2.97	—	S
Oxfordshire																														
Benson (A)	67	11.7	4.4	8.1	—	18.1	13	-1.8	30	—	—	36	83	10	6	14	7	—	—	—	—	—	—	5	—	—	—	—	—	-
Brize Norton (A)	81	11.5	4.4	7.9	+2.3	17.2	13	-2.5	2	7.5	—	65	—	23	6	15	10	0	0	0	0	1	0	3	11	8	0	3.05	—	-
Oxford (A)	63	11.5	5.1	8.3	+2.2	16.0	13	-1.4	2	7.4	6.9	46	96	12	6	15	10	0	0	1	0	0	1	2	12	7	0	2.81	76	-
Shirburn (Model Farm)	108	11.8	4.2	8.0	—	18.3	13	-2.5	24	7.3	6.9	31	—	7	6	14	6	0	0	0	0	0	1	5	13	—	0	—	—	-
Wallingford	48	11.9	4.0	7.9	(+2.2)	18.2	13	-3.6	24	7.6	—	37	—	12	6	14	9	0	0	0	0	0	—	5	13	—	0	2.62	(72)	S
Buckinghamshire																														
Grendon Underwood	67	11.7	3.3	7.5	+2.4	17.8	13	-4.7	2	7.1	—	38	81	6	5.6	10	10	—	0	—	—	—	4	5	—	—	—	—	—	-
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	12.7	5.0	8.9	(+2.4)	17.6	13	-0.6	30	—	—	25	61	8	16	11	5	0	0	0	0	3	4	11	—	0	—	—	-
Hampstead	137	11.6	5.4	8.5	+2.8	17.7	13	0.1	30	—	—	36	—	10	5	14	9	0	0	0	0	0	0	0	12	—	0	—	—	-
Heathrow Airport (A)	25	12.5	5.3	8.9	+2.5	18.7	13	-0.4	24	—	—	26	60	7	5	11	7	0	0	0	0	2	0	2	10	6	0	3.31	93	-
Kew Royal Botanic Gardens	6	12.6	5.2	8.9	—	18.2	13	-2.0	30	7.7	7.6	26	58	7	5	13	7	0	0	0	0	0	0	2	9	10	0	3.22	—	S
London Weather Centre (A) (X)	77	12.7	7.1	9.9	—	19.1	13	2.7	30	—	—	22	—	8	5	10	6	0	—	0	0	0	0	0	—	—	0	3.08	—	-
Northolt	34	12.6	5.1	8.9	—	19.1	13	-2.3	30	—	—	-28	—	8	5	12	8	0	0	0	0	0	3	12	5	0	—	—	-
Northwood	85	11.9	5.1	8.5	—	17.8	13	-1.3	30	—	—	35	—	10	5	17	9	0	0	0	0	0	2	—	—	0	—	—	-
St James's Park	9	12.7	6.8	9.7	+2.7	18.7	13	1.9	30	8.3	8.0	26	59	8	5	12	6	—	0	—	—	—	—	0	10	—	—	—	—	-
Waltham Cross	32	12.4	—	—	—	17.8	13	—	—	7.7	—	28	—	9	5	12	8	—	0	—	—	—	—	—	13	—	—	2.65	—	S
Wiltshire																														
Boscombe Down (A)	126	11.3	4.4	7.9	+2.3	17.1	13	-2.0	30	—	—	66	117	14	6	18	11	—	—	—	—	—	—	5	—	—	—	—	—	-
Lacock	49	11.8	3.8	7.8	+2.3	16.5	13	-3.5	30	—	—	57	109	13	6	15	13	0	0	0	0	3	7	12	—	0	—	—	-
Larkhill	132	11.1	4.2	7.7	+2.2	16.8	13	-3.1	30	—	—	69	—	15	6	18	12	—	—	—	—	—	—	3	—	—	—	—	—	-
Lyneham (A)	145	11.1	4.3	7.7	+2.3	17.2	13	-1.3	30	—	—	66	129	17	6	16	12	0	0	0	3	0	2	3	12	6	0	3.23	85	-
Marlborough	129	11.6	3.8	7.7	+2.6	17.3	13	-3.5	2	—	—	70	115	18	6	19	12	0	0	0	0	2	5	—	—	—	0	2.71	(75)	-
Netheravon	129	11.0	3.6	7.3	—	17.1	13	-1.7	24	—	—	61	—	15	6	18	12	—	—	—	—	—	—	6	—	—	—	—	—	-
Berkshire																														
Arborfield	49	12.0	4.1	8.1	—	18.4	13	-2.8	30	—	—	37	—	11	6	16	7	0	0	0	0	4	6	10	—	0	3.32	—	-
Easthampstead	74	11.8	4.1	7.9	—	18.5	13	-3.5	30	7.3	7.3	34	—	8	6	15	7	0	0	1	0	1	1	8	11	9	0	3.07	—	-
Hurley	43	11.9	4.6	8.3	+2.5	18.2	13	-3.2	30	7.4	—	39	80	9	5	17	9	0	0	0	0	0	4	10	—	0	3.00	85	S
Lambourn (Warren Farm)	192	10.4	4.0	7.2	—	16.0	13	-1.1	30	6.9	—	65	—	18	6	19	14	—	0	—	—	—	—	3	—	—	—	—	—	-
Reading	66	11.9	4.9	8.4	—	18.1	13	-1.8	30	7.3	7.1	35	—	11	6	12	6	0	0	0	1	0	1	2	14	8	0	2.92	—	-
Surrey																														
Merrist Wood	45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
Mickleham	55	12.1	3.5	7.8	+2.2	18.0	13	-3.5	30	7.6	7.2	29	51	7	16	15	8	0	0	0	0	0	0	8	13	—	0	—	—	-
Wisley	32	12.4	5.0	8.7	+2.6	19.0	13	-2.5	30	7.8	7.8	26	53	5	6	11	8	0	0	0	0	0	2	5	11	—	1	3.05	85	-
Kent																														
Anvil Green	139	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	0	0	0	0	3	—	5	—	—	—	—	-
Charing	91	11.3	5.1	8.2	—	17.1	13	-0.6	2	—	—	28	—	8	16	13	7	0	—	0	0	0	5	1	4	—	—	—	—	-
East Malling (A)	33	11.9	5.2	8.5	+2.6	17.5	13	-0.5	24	7.8	7.6	33	72	13	16	14	6	—	0	—	—	1	1	1	12	6	—	3.11	82	-
Edenbridge	45	12.1	4.4	8.3	—	17.6	13	-3.2	24	—	—	30	—	11	16	12	7	0	0	0	0	0	—	4	—	—	0	—	—	S
Elmstone	5	12.6	4.6	8.6	—	19.2	14	-2.3	2	—	—	18	—	4	21	14	6	0	0	0	0	0	0	4	—	—	0	—	—	-
Folkestone	31	11.0	5.3	8.1	—	15.4	13	-2.1	2	—	7.9	28	—	5	16	17	8	0	0	0	0	0	0	2	3	—	0	3.76	90	-
Goudhurst	85	11.6	4.2	7.9	+2.4	17.1	13	-2.0	24	—	—	46	75	13	16	14	9	0	0	0	0	1	1	6	12	—	0	—	—	-
Hadlow College	27	12.6	4.4	8.5	—	17.6	13	-2.0	27	7.8	—	33	—	14	16	13	10	1	0	1	0	0	1	5	—	—	0	2.90	—	S
Herne Bay	27	11.6	5.0	8.3	—	16.5	14	-1.9	2	(7.9)	(7.4)	22	—	6	22	10	6	0	0	0	0	0	1	1	3	3	0	3.75	—	-
Manston (A)	44	11.5	5.3	8.4	+2.5	17.5	14	-2.6	2	8.0	—	15	41	3	7	11	6	0	0	0	0	0	1	2	4	3	0	3.84	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																													
Kent - Continued																													
Margate, North Down	40	11.5	5.8	8.7	–	17.6	14	-1.4	2	8.5	7.8	17	–	4	7	12 6	– 0	–	–	–	0	1	7	–	–	–	–	–	
Ulcombe	47	11.7	4.7	8.2	–	17.8	13	-2.5	2	–	–	29	–	11	16	13 6	0 0	0	0	1	2	3	9	5	0	3.15	–	–	
Wye	56	11.8	4.5	8.1	-2.4	17.6	13	-3.3	2	7.9	7.6	28	52	8	16	14 7	0 0	0	0	0	2	4	12	–	0	3.46	89	–	
Hampshire																													
Alice Holt Lodge	115	11.4	4.1	7.7	-2.3	17.6	13	-2.8	30	–	–	62	106	16	6	16 11	0 0	1	0	1	2	3	16	–	0	3.07	84	–	
Butser, Windmill Hill	160	11.4	4.6	8.0	–	17.5	13	-1.0	24,30	7.2	7.0	111	–	18	6	16 15	0 0	0	0	0	2	2	8	–	0	–	–	–	
Everton	16	11.0	5.4	8.2	-2.0	16.1	13	-1.9	2	–	–	78	144	10	6	19 15	0 0	0	0	0	4	1	12	–	0	3.55	84	–	
Hayling Island	4	10.8	5.4	8.1	-1.9	13.9	13	1.0	24	–	–	70	139	16	6	19 12	0 0	0	0	0	0	0	–	–	0	4.04	95	–	
Kingsclere, Strattons Farm	102	11.4	3.9	7.7	–	17.5	13	-2.7	2	–	–	65	–	21	6	19 11	0 0	0	0	0	2	7	12	–	0	–	–	–	
Leckford	117	11.2	4.2	7.7	-2.2	16.9	13	-2.1	30	6.9	–	77	133	23	6	16 12	0 0	0	0	0	1	5	–	–	0	3.01	83	–	
Long Sutton	145	11.0	4.0	7.5	(-2.2)	17.2	13	-2.6	30	7.3	7.0	67	112	17	6	16 12	0 0	0	0	1	3	4	13	10	0	2.91	80	–	
Martyr Worthy	84	11.6	4.4	8.0	(+2.3)	18.1	13	-2.3	30	–	–	77	–	18	6	19 14	0 0	0	0	0	1	6	9	–	0	–	–	–	
Middle Wallop	90	11.7	4.5	8.1	–	18.0	13	-1.5	2	–	–	73	–	18	6	20 13	– –	–	–	–	–	4	–	–	–	–	–	–	
Odiham	118	11.2	4.4	7.8	–	17.4	13	-2.0	30	–	–	57	–	17	6	15 8	0 0	0	0	1	5	4	9	7	0	3.27	–	–	
Otterbourne	34	12.1	4.5	8.3	–	18.2	13	-1.8	2	(7.8)	(6.9)	80	–	19	6	18 13	– 0	–	–	–	–	4	9	–	–	–	–	–	
Solent M R S C	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	– –	–	–	–	–	–	5	–	–	–	–	–	
Southampton																													
Mayflower Park	3	12.1	5.2	8.7	–	16.0	13	-0.8	2	8.5	8.7	79	–	15	6	17 14	0 0	0	0	0	0	3	8	5	0	3.19	–	S	
Weather Centre (X)	19	11.9	5.6	8.7	–	16.1	31	-0.1	30	–	–	81	–	14	6	18 14	0 –	0	0	0	0	1	–	5	0	–	–	–	
South Farnborough	69	12.0	4.2	8.1	-2.3	18.7	13	-3.5	30	–	–	41	–	11	6	12 8	– –	–	–	–	–	7	–	–	0	–	–	–	
Southsea	2	11.3	5.7	8.5	-1.8	14.4	31	0.9	30	8.3	8.0	69	137	16	6	17 14	0 0	0	0	0	1	0	6	–	0	3.76	90	–	
Sparsholt	113	11.1	4.6	7.9	–	17.1	13	-0.5	2	–	–	83	128	19	6	19 13	0 0	0	0	0	0	1	9	–	0	–	–	S	
Isle of Wight																													
Ryde	4	11.2	5.8	8.5	-1.9	14.8	31	0.2	2	–	–	78	144	18	6	18 13	0 0	0	0	0	0	0	–	–	0	(3.86)	94	–	
St Catherines Point	16	10.3	5.7	8.0	–	15.2	30	2.4	1,23	–	–	62	115	10	5	20 15	0 –	0	0	0	2	0	–	–	0	–	–	–	
Sandown	4	(10.9)	(5.2)	8.1	-1.4	12.8	21,29, 31	-2.1	2	–	–	76	–	17	6	16 13	0 0	0	0	0	–	1	–	–	0	(4.15)	93	–	
Shanklin	55	10.7	4.8	7.7	-1.5	14.7	31	-1.0	30	–	–	82	128	13	6	19 13	0 0	0	0	0	3	2	–	–	0	4.12	89	–	
Ventnor Park	135	10.5	5.6	8.1	-1.7	15.2	13	1.7	1,30	8.1	–	59	97	11	5	19 12	0 0	0	0	0	4	0	–	–	0	4.20	93	–	
Wellow	25	–	–	–	–	–	–	–	–	–	–	76	–	10	16,18	20 16	– –	–	–	–	–	–	–	–	–	–	–	–	
West Sussex																													
Bognor Regis	7	10.0	5.3	7.7	-1.6	13.0	28	1.2	24	–	8.1	69	133	20	6	15 11	0 0	0	0	0	3	0	1	–	0	4.12	94	–	
Gatwick Airport (A)	59	12.0	4.6	8.3	-2.7	18.4	13	-1.6	24	8.0	–	39	68	7	16	15 10	0 0	0	0	1	2	4	12	5	0	3.34	89	–	
Rogate	64	(11.9)	(4.4)	8.1	–	18.0	13	-2.0	30	–	–	90	–	19	6	13 13	– –	–	–	–	–	3	11	–	–	(2.37)	–	S	
Rustington	3	11.2	4.9	8.1	–	16.9	13	-1.0	2	–	7.9	68	–	18	6	15 10	0 0	0	0	0	4	1	10	–	0	3.93	–	–	
Worthing	2	10.7	(5.2)	7.9	–	13.8	31	-0.3	2	8.0	–	58	–	16	6	13 10	0 0	0	0	0	0	1	7	–	0	3.88	90	–	
East Sussex																													
Bexhill	4	10.5	5.8	8.1	-2.0	13.7	6	0.4	2	8.2	8.2	48	95	13	16	16 9	0 0	0	0	0	3	0	7	–	0	3.00	73	–	
Brede	82	11.3	–	–	–	16.3	13	–	–	–	–	49	–	10	16	14 9	– 0	–	–	–	–	–	–	–	–	–	–	–	
Brighton	116	10.9	5.2	8.1	–	16.7	13	0.7	30	–	–	63	–	13	6	14 10	0 0	0	0	0	5	0	5	–	0	3.28	–	–	
Eastbourne	7	10.7	5.8	8.3	-2.0	13.8	31	0.7	2	8.3	8.4	55	100	10	5	14 11	0 0	0	0	0	1	0	5	–	0	3.82	87	–	
East Hoathly	38	11.8	4.3	8.1	–	17.8	13	-2.5	2	–	–	52	–	8	16	15 11	0 0	–	–	–	–	5	14	6	–	3.24	–	–	
Hastings	45	10.5	5.6	8.1	-2.0	13.9	7	1.4	24	8.4	8.2	43	85	12	16	15 10	0 0	0	0	1	2	0	4	3	0	3.49	84	–	
Herstmonceux (A)	17	11.2	4.7	7.9	–	15.1	31	-1.5	2	–	–	44	–	9	5	15 10	0 0	0	0	1	0	4	10	4	0	3.55	–	–	
Plumpton	76	11.5	4.6	8.1	–	17.4	13	-1.4	2	–	–	83	121	16	18	17 10	– 0	–	–	–	6	2	12	–	–	3.00	–	–	
7A ENGLAND NW & I.o.M.																													
Cumbria																													
Aspatria	61	10.2	3.7	6.9	–	13.5	12,16	-2.7	29	–	–	96	–	27	20	17 15	1 0	1	0	0	2	5	9	–	2	2.34	–	–	
Carlisle (A)	26	10.6	4.3	7.5	-2.3	14.7	11	-2.1	29	–	–	88	165	17	20	16 12	– –	–	–	–	–	5	–	–	–	–	–	–	
Casterton	129	10.1	4.0	7.1	–	14.9	13	-2.1	1	–	–	96	–	19	18	17 13	1 0	0	2	0	2	4	14	–	0	–	–	–	
Eskmeals (A)	8	10.7	4.4	7.5	–	15.7	8	-2.7	1	7.1	6.9	121	–	26	18	20 16	0 –	0	0	0	1	6	–	–	0	–	–	–	
Grizedale	91	10.1	2.8	6.5	–	13.5	13	-4.0	29	5.9	–	207	193	57	18	18 17	2 0	0	0	0	2	9	17	–	0	–	–	–	
Newton Rigg	171	10.2	3.4	6.8	-2.3	14.6	13	-3.3	29	6.1	–	101	180	24	4	18 15	0 0	1	0	0	1	4	12	–	0	1.65	52	S	
Sellafield (A)	22	10.3	4.5	7.4	–	13.5	8	-1.2	1	–	–	131	–	31	20	18 14	– 0	–	–	–	1	2	10	–	–	2.42	–	S	
Stainburn	26	10.8	4.1	7.5	–	13.9	16,27	-2.1	29	7.3	–	113	–	22	20	16 15	1 0	0	1	0	3	4	14	7	0	–	–	–	
Whins Pond	125	–	–	–	–	–	–	–	–	–	–	95	–	22	4	19 15	– –	–	–	–	–	–	–	–	–	–	–	–	
Lancashire																													
Aughton (A)	54	10.9	4.9	7.9	–	17.7	13	0.6	2	7.0	6.8	53	–	10	18	13 10	0 0	0	0	0	1	0	10	9	0	2.50	–	–	
Hazelrigg	95	10.2	4.5	7.3	–	15.9	13	-1.1	29	6.7	6.6	83	–	16	4	18 16	0 0	0	0	0	1	4	11	8	1	1.97	–	–	
Lathom Park	55	10.9	5.0	7.9	–	17.5	13	0.0	3,23	7.3	–	56	–	9	7	17 14	0 0	0	0	0	–	0	–	–	0	2.45	–	S	
Morecambe	7	10.6	5.3	7.9	-2.2	14.6	13	0.4	1	–	–	93	158	15	4	17 16	0 0	1	0	0	0	0	–	–	0	2.20	61	–	
Myerscough	14	11.4	4.2	7.8	–	17.7	13	-3.5	23	7.1	6.7	57	–	10	4	16 14	0 0	0	0	0	–	5	13	–	0	1.81	–	S	
Preston	33	11.0	4.7	7.9	-2.3	17.7	13	-1.5	23	–	–	56	97	10	20	16 14	0 0	0	0	0	2	4	–	–	0	–	–	–	
Slaidburn	192	9.6	3.6	6.6	-2.4	16.6	13	-2.4	29	–	–	126	130	25	18	18 13	2 0	0	0	0	–	4	14	–	0	1.90	62	S	
Squires Gate Airport (A)	10	10.7	4.1	7.4	-1.9	15.5	13	-3.3	2	–	–	57	111	10	20	16 13	0 0	0	0	0	0	6	12	7	0	2.50	66	–	
Merseyside																													
Aigburth (A)	12	11.3	5.3	8.3	–	19.4	13	-0.3	30	–	–	38	–	8	7	14 8	0 0	0	0	0	1	1	7	4	0	–	–	–	
Bidston	60	10.8	5.9	8.3	–	17.3	13	1.2	2	–	–	50	102	11	7	18 12	0 0	1	0	0	1	0	3	–	0	2.73	–	S	
Crosby	6	–	–	–	–	–	–	–	–	–	–	63	–	11	18	16 14	0 –	0	0	0	1	–	–	–	0	–	–	–	
Southport, Greenbank	15	10.7	5.1	7.9	–	15.6	13	0.0	2	7.2	6.9	61	–	11	20	15 13	0 0	0	0	0	0	0	6	3	0	1.97	–	–	
Greater Manchester																													
Bolton	107	(11.2)	–	–	–	17.8	13	–	–	–	–	93	–	15	4	16 14	– 0	–	–	–	–	–	–	–	–	–	–	S	
Manchester Ringway Airport (A)	75	11.3	4.6	7.9	-2.3	18.1	13	-1.1	2	–	–	54	105	9	17	15 12	1 0	0	0	0	1	2	12	5	0	2.00	58	–	
Cheshire																													
Bradeley Green	115	(10.6)	(4.1)	7.3	–	17.8	13	-0.6	29	–	–	64	–	15	7	17 12	0 0	1	0	0	–	3	–	–	0	–	–	–	
Delamere Forest	68	11.2	4.1	7.7	–	17.9	13	-1.5	3	–	–	45	–	12	4	13 11	0 0	0	0	0	0	3	12	–	0	–	–	–	
Knutsford	65	11.4	4.3	7.9	(+2.3)	19.4	13	-0.7	30	6.7	6.1	53	–	8	18	15 13	0 0	0	0	0	–	1	10	–	0	–	–	–	

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation															
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
7A ENGLAND NW & I.o.M. - Continued																														
Cheshire - Continued																														
Macclesfield	143	10.7	4.1	7.4	+2.3	17.9	13	-1.4	30	—	—	46	77	8	18	18	11	0	0	0	0	0	0	2	—	—	0	—	—	—
Nantwich, Reaseheath Hall	40	11.7	3.8	7.7	—	18.5	13	-2.0	30	—	—	41	—	8	7	15	14	0	0	0	0	0	0	5	13	—	0	—	—	—
Ness Gardens	30	11.3	4.6	7.9	—	18.4	13	-0.8	2	7.3	—	45	—	13	7	17	12	0	0	0	0	0	2	1	15	—	1	2.78	—	S
Isle of Man																														
Douglas	85	9.3	4.7	7.0	+1.5	12.9	31	0.0	29	—	—	137	176	28	18	18	14	0	0	0	0	0	3	0	7	—	1	2.68	70	—
Point of Ayre (A)	9	9.6	4.7	7.1	+1.0	14.0	19	-0.7	2	—	—	89	158	14	4	17	15	0	0	0	0	0	1	1	—	—	1	2.84	74	—
Ronaldsway Airport (A)	16	9.9	4.6	7.3	+1.5	12.4	30	-0.9	29	—	—	105	175	25	20	19	13	1	0	0	1	0	3	2	10	5	0	2.90	78	—
7B WALES N																														
Gwynedd																														
Aber	10	11.3	5.3	8.3	—	14.2	12,13	0.0	2	7.2	—	80	—	25	20	18	11	0	0	1	0	1	0	0	—	—	0	2.39	—	—
Amlwch, Anglesey	114	9.4	4.9	7.1	—	14.4	13	0.9	2	—	—	100	—	29	20	18	15	0	0	0	0	0	4	0	5	—	3	—	—	—
Arthog, Fegla Fach Farm	7	11.5	5.2	8.3	—	17.5	13	-0.4	24	—	—	121	—	20	18	18	14	0	—	0	0	0	0	2	—	—	1	—	—	—
Bala	163	10.5	3.3	6.9	—	17.8	13	-3.5	24	6.8	6.4	107	123	24	4	20	13	1	0	0	0	0	1	7	13	11	0	2.45	—	—
Betws-y-Coed	20	11.8	4.0	7.9	—	18.0	13	-3.5	25	(7.2)	6.8	125	—	33	18	20	13	0	0	0	1	0	—	4	17	11	0	—	—	—
Botwnnog	34	11.3	(4.4)	7.9	—	15.0	13	0.1	2	7.9	8.0	99	—	16	20	19	16	0	0	0	0	0	3	0	14	—	4	—	—	—
Dinorwic	296	9.7	4.6	7.1	—	15.8	13	0.6	2,24	—	—	143	—	29	20	19	14	2	0	0	1	0	1	0	7	—	2	—	—	—
Llanymawddwy	145	10.4	4.1	7.3	—	17.6	13	-3.3	24	—	—	173	—	41	18	20	13	0	0	1	0	0	0	4	10	—	0	—	—	—
Nantmor	58	—	—	—	—	—	—	—	—	—	—	175	—	50	20	21	17	—	—	—	—	—	—	—	—	—	—	—	—	—
Pen-y-Ffridd	84	11.2	4.9	8.1	+1.9	15.6	13	-0.2	2	—	—	79	105	24	20	24	15	0	0	1	0	0	1	1	14	—	1	2.41	63	S
Trawsfynydd (A)	193	—	—	—	—	—	—	—	—	—	—	147	—	29	18	21	16	—	—	—	—	—	—	—	—	—	—	—	—	—
Valley (A)	10	10.2	5.1	7.7	+1.3	14.0	8	-0.2	2	7.8	—	81	147	16	7	18	16	0	0	0	2	0	1	1	6	4	0	2.91	69	—
Clwyd																														
Alwen	335	9.4	2.3	5.9	+2.6	16.7	13	-3.5	2	—	—	103	120	18	4	19	17	0	1	0	0	0	2	9	13	—	0	—	—	—
Colwyn Bay	38	10.9	4.8	7.9	—	15.1	12,19	0.1	2	7.5	—	64	—	15	7	15	13	0	0	0	0	0	2	0	—	—	0	2.71	—	—
Cynwyd	208	10.2	—	—	—	18.0	13	—	—	—	—	91	—	23	4	19	16	0	0	0	2	0	1	—	—	—	1	—	—	—
Hawarden Bridge	5	11.6	4.6	8.1	+2.0	19.2	13	-1.6	2	—	—	50	102	14	7	17	12	0	0	0	0	0	2	3	—	—	0	—	—	—
Llanarmon Dyffryn Ceiriog	267	9.4	3.4	6.4	—	16.4	13	-2.7	2	—	—	130	—	22	4	19	15	3	0	2	0	0	3	5	—	—	1	—	—	—
Loggerheads	210	10.0	2.9	6.5	+2.1	17.7	13	-3.7	2	6.1	6.0	72	116	22	7	18	14	0	0	0	1	0	4	8	14	—	0	2.62	—	S
Moel-y-Crio	263	9.6	3.6	6.6	—	18.0	13	-0.6	2,23, 29	6.5	—	66	—	18	7	18	14	2	0	0	1	0	5	3	14	—	2	2.47	—	—
Prestatyn	4	11.1	5.7	8.4	+2.2	15.4	13	0.7	29	—	—	46	100	11	7	15	10	0	0	0	0	0	1	0	—	—	0	—	—	—
Ruthin	76	11.8	4.2	8.0	(+2.5)	19.1	13	-1.7	2	—	—	51	101	18	7	19	12	—	0	—	—	—	0	4	—	—	—	2.51	—	—
Powys (North)																														
Lake Vyrnwy	360	9.7	3.0	6.3	—	15.2	13	-2.9	2	—	—	151	—	36	18	19	14	—	0	—	—	—	1	10	—	—	—	—	—	—
Llanfair Caereinion	236	10.2	3.9	7.1	—	17.0	13	-1.6	2	6.5	—	99	—	20	7	18	17	1	0	1	0	0	2	2	11	—	0	—	—	—
Machynlleth	76	10.9	3.8	7.3	—	18.5	13	-2.9	24	—	—	133	—	34	18	20	16	0	0	0	0	0	—	5	6	—	0	—	—	—
Moel Cynnedd	358	8.8	2.2	5.5	—	15.9	13	-3.9	24	5.4	—	176	—	50	18	20	17	0	0	1	0	0	—	11	15	—	0	—	—	—
Newtown	120	11.4	—	—	—	18.0	13	—	—	—	—	88	—	21	4	17	11	0	0	0	0	0	—	—	—	—	0	—	—	—
8A WALES S																														
Dyfed																														
Aberporth (A)	134	10.0	5.0	7.5	+1.5	16.8	13	0.8	30	7.5	—	67	—	12	4	22	15	0	0	2	0	0	3	0	9	1	4	3.66	93	—
Brawdy (A)	111	10.0	4.2	7.1	—	15.5	13	0.0	2	—	—	113	140	18	18	23	20	0	0	3	0	2	4	0	12	6	0	3.43	—	—
Carmarthen Museum	9	(11.8)	(4.0)	7.9	—	18.2	13	-2.3	24	—	—	(143)	—	(28)	18	22	17	0	0	0	0	0	—	4	(14)	—	0	—	—	—
Cwmystwyth	301	9.4	3.4	6.4	—	16.1	13	-2.5	24	—	—	115	—	21	18	21	17	—	1	—	—	—	—	6	11	—	—	(2.53)	—	S
Dale Fort	33	10.7	5.1	7.9	+1.1	14.5	13	-0.5	1	8.0	—	101	166	12	8	22	18	0	0	0	0	0	4	1	6	—	0	3.86	89	—
Gogerddan	31	11.1	4.7	7.9	+1.9	18.4	13	-2.1	24	7.5	—	68	—	13	18	19	13	0	0	0	0	0	0	5	13	—	0	3.03	83	—
Milford Haven (A)	37	10.5	5.2	7.9	(+1.4)	14.5	28	-1.5	1	—	—	114	—	15	8	23	18	0	0	0	0	0	1	1	4	1	0	—	—	—
Orielton	61	10.5	4.9	7.7	—	14.6	31	1.0	1	7.5	—	124	—	18	18	20	18	0	0	0	0	0	3	0	5	—	0	—	—	—
Rhandirmwyn	168	(10.6)	(3.5)	7.1	—	17.2	13	-3.4	24	—	—	155	—	32	4	20	16	0	0	0	1	0	—	6	—	—	0	—	—	—
Saron	152	10.6	3.9	7.3	—	16.7	13	-1.0	24	—	—	140	—	28	4	21	18	0	0	1	0	0	2	3	14	—	0	—	—	—
Scolton Country Park	77	11.1	4.0	7.5	—	15.8	13	-1.2	1	—	—	124	—	19	18	22	19	0	0	0	2	0	2	2	14	—	0	—	—	—
Skokholm Island	34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St Clears	40	11.4	(4.2)	7.8	—	16.9	13	-1.3	1	—	—	157	—	32	18	20	18	0	0	1	0	1	—	4	(13)	—	0	—	—	—
Swyddffynnon	168	10.1	3.9	7.0	—	16.9	13	-3.2	24	—	—	76	—	15	4	20	14	0	0	0	0	0	2	6	13	—	0	2.63	—	—
Talgareg	198	10.1	2.0	6.1	—	17.3	13	-3.5	2	—	—	100	—	20	4	20	17	0	0	0	0	0	1	13	15	—	0	—	—	—
Tenby	5	10.6	4.4	7.5	—	13.7	30	-2.0	1	—	—	115	—	19	18	21	18	0	0	0	0	0	1	4	—	—	0	3.49	—	—
Towy Castle	88	10.5	4.8	7.7	—	17.0	13	-0.8	30	7.5	7.4	166	—	39	18	24	16	0	0	2	0	1	2	—	13	6	0	3.34	—	—
Whitechurch	129	10.7	3.7	7.2	—	17.0	13	-0.6	24	8.0	7.6	177	—	33	18	21	20	1	0	0	0	2	1	6	18	—	0	—	—	—
Powys (South)																														
Bronydd Mawr	330	9.6	3.0	6.3	—	15.5	13	-2.2	24	—	—	135	—	33	4	21	17	1	1	0	0	0	2	5	15	—	0	2.05	—	—
Llangenny	122	11.6	4.7	8.1	—	17.1	13	-1.5	24	—	—	108	—	27	4	19	16	0	0	0	0	0	0	2	—	—	0	—	—	—
Llangunllo	310	9.4	3.4	6.4	—	15.7	13	-1.8	24	5.8	—	115	—	24	4	21	18	1	0	1	0	0	4	7	15	—	0	—	—	—
Llysdinam	200	10.7	3.5	7.1	—	17.1	13	-3.1	24	6.8	—	103	—	19	18	19	15	1	0	1	2	0	0	6	15	—	0	—	—	—
Pencelli	160	11.0	(3.7)	7.3	—	16.9	13	-2.3	30	—	—	139	—	35	4	21	17	0	0	1	0	0	—	4	(13)	(11)	0	2.77	—	S
Presteigne	175	11.0	2.9	6.9	—	17.4	13	-3.1	2	—	—	112	—	30	4	19	14	0	0	1	0	0	12	—	—	—	0	—	—	—
St Harmon	279	—	—	—	—	—	—	—	—	—	—	115	—	31	4	18	17	—	—	—	—	—	—	—	—	—	—	—	—	—
Velindre	152	11.2	4.1	7.7	—	17.4	13	-2.5	24	7.2	6.8	98	—	25	4	18	14	0	0	0	3	0	0	6	12	—	0	—	—	—
West Glamorgan																														
Mumbles Head	35	10.1	5.3	7.7	(+1.6)	13.2	7	1.6	24	—	—	—	—	—	—	—	—	0	0	1	0	1	3	0	1	0	1	—	—	—
Neath	62	11.8	5.3	8.5	+1.9	17.4	13	-0.5	24	—	—	144	162	46	18	22	18	0	0	0	0	2	1	5	—	0	—	—	—	—
Penmaen	87	10.9	4.9	7.9	—	16.1	13	0.6	1	7.3	7.1	142	—	28	18	21	17	0	0	1	0	1	2	0	11	8	4	3.34	—	S
Swansea	10	11.5	5.4	8.5	+1.7	15.6	28	1.3	31	8.3	8.4	139	168	36	18	22	20	0	0	0	0	0	1	0	3	0	0	3.32	—	—
Mid Glamorgan																														
Cilfynydd (A)	194	—	—	—	—	—	—	—	—	—	—	175	—	41	18	18	16	—	—	—	—	—	—	—	—	—	—	—	—	—
Cwmbargoed	372	9.2	3.6	6.4	—	14.7	13	-1.0	23	—	—	171	—	36	4	20	17	3	1	—	—	—	—	4	14	—	—	—	—	—
Porthcawl	6	(10.8)	(4.4)	7.6	—	16.5	13	0.2	1	—	—	99	140	25	18	19	17	—	—	—	—	—	—	0	—	—	—	—	—	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation												Daily mean (hours)	Percentage of 1951-80 average*	Exposure
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale			
8A WALES S - Continued																														
South Glamorgan																														
Cardiff																														
Bute Park	9	12.0	5.5	8.7	—	17.3	13	-1.2	24	8.0	7.5	101	—	23	18	20	16	—	0	—	—	—	0	3	12	—	1	3.00	—	S
Weather Centre (X)	58	12.1	6.1	9.1	—	18.0	13	1.9	30	—	—	86	—	18	18	19	14	0	—	0	0	0	1	0	—	—	0	—	—	—
Flat Holm	15	(10.1)	5.4	7.7	—	14.0	13	1.8	2	—	—	68	—	19	18	14	13	0	0	0	0	0	1	0	2	—	0	—	—	—
Rhoose Airport (A)	65	10.8	4.8	7.8	+1.9	16.2	13	-1.0	2	—	—	77	—	20	18	19	15	0	0	0	0	0	3	2	10	6	0	3.23	84	—
Gwent																														
Crossway	140	11.6	5.2	8.4	—	17.0	13	0.0	2	—	—	84	—	17	4	13	13	0	0	0	0	0	1	0	—	—	0	—	—	—
Llanishan	180	11.0	4.5	7.7	—	16.5	13	-0.5	2	—	—	103	—	19	4	18	16	—	—	—	—	—	0	1	—	—	—	—	—	—
Tredegar, Bryn Bach Park	380	9.7	2.6	6.1	—	15.5	13	-1.7	2	—	—	177	—	27	18	21	17	0	0	0	0	0	7	8	11	—	0	—	—	—
Usk	21	12.0	4.6	8.3	—	17.9	13	-2.4	24	7.8	—	113	—	19	4	19	15	—	0	—	—	—	0	5	13	—	—	—	—	—
8B ENGLAND SW																														
Avon																														
Bristol																														
Weather Centre (A) (X)	42	12.2	6.3	9.3	—	17.8	13	1.2	24	—	—	53	—	11	18	15	11	0	—	0	0	1	0	0	—	—	0	3.23	—	—
Long Ashton	51	11.1	5.3	8.2	+2.0	16.7	13	-1.0	24	—	—	70	117	13	18	18	12	0	0	0	0	0	—	2	10	—	0	—	—	—
Weston Super Mare	5	11.9	4.4	8.1	—	17.8	14	-2.9	24	—	—	73	—	23	18	19	12	0	0	0	0	0	—	5	—	—	0	3.38	—	—
Somerset																														
Brymore	23	12.4	4.7	8.5	—	17.7	13	-1.4	30	8.0	—	57	—	10	4	15	12	0	0	0	0	0	0	3	12	5	0	3.37	—	S
Castle Cary	135	10.9	4.4	7.7	—	15.8	13	-0.2	1	—	—	76	—	17	16	17	13	1	0	0	0	0	3	1	12	—	0	—	—	—
Downside Abbey	183	10.5	4.4	7.5	—	15.6	13	-0.7	1	—	—	113	—	33	18	16	13	—	—	—	—	—	—	1	—	—	—	—	—	—
Minehead	10	11.7	5.8	8.7	—	14.7	13	0.0	2	8.0	7.4	46	—	10	4	16	12	0	0	1	0	0	1	0	11	3	0	3.41	—	—
Nettlecombe	96	11.4	3.6	7.5	—	16.7	13	-2.5	2	7.8	—	72	—	11	4	17	13	0	0	0	0	0	0	6	14	—	0	—	—	—
Nettlecombe (Birds Hill)	280	9.7	4.4	7.1	—	15.2	13	-0.1	2	6.5	—	89	—	15	18	19	14	0	0	0	0	0	2	1	15	—	0	—	—	S
Rodney Stoke	40	11.4	5.1	8.3	—	17.1	13	-0.3	30	7.8	7.3	77	—	21	18	19	12	0	0	0	0	0	0	1	11	—	0	—	—	—
Tivington	82	11.8	5.1	8.5	—	15.6	13	-1.0	30	8.4	8.4	66	—	13	7	17	13	0	0	2	1	0	1	3	9	4	0	—	—	—
Yeovilton (A)	18	11.9	4.3	8.1	(+2.1)	17.3	13	-3.5	24	8.1	—	58	—	15	8	17	11	0	0	1	0	0	0	6	12	5	0	2.88	—	—
Dorset																														
Bournemouth																														
Hurn Airport (A)	10	11.8	4.0	7.9	+1.9	17.0	13	-3.2	30	7.6	—	97	161	13	6	20	15	0	0	0	0	0	0	7	15	7	0	3.36	—	—
Kings Park	27	11.5	4.5	8.0	—	15.7	13	-1.9	2	7.8	7.5	83	—	9	8	19	15	0	0	0	0	0	0	4	5	4	0	3.73	—	—
Christchurch	4	11.4	5.2	8.3	+2.0	15.9	14	-2.1	2	—	—	82	136	11	6	18	15	—	0	—	—	—	—	1	9	—	—	—	—	—
Fontmell Magna	95	11.5	4.3	7.9	—	17.1	13	-2.5	24	—	—	88	—	19	8	19	13	0	0	0	1	0	2	6	—	—	1	—	—	—
Lower Kingcombe	122	10.9	(3.4)	7.1	—	16.2	13	-3.9	2	—	—	141	—	25	16	20	16	0	0	1	0	0	5	7	15	—	1	—	—	—
Poole	5	12.4	5.7	9.1	(+2.7)	16.5	13,31	-0.2	2	—	—	95	—	14	8	19	15	0	0	0	0	0	1	1	9	—	0	3.67	(88)	—
Portland Bill																														
(Coastguard) (A)	53	10.2	5.4	7.8	—	12.9	24	1.7	28	—	—	60	—	11	7	18	15	0	0	0	0	0	3	0	3	0	1	3.99	—	—
Swanage	11	10.6	5.6	8.1	+1.6	14.5	31	0.2	2	—	8.1	86	145	20	18	20	15	0	0	0	0	0	1	0	5	—	0	3.68	88	—
Weymouth	21	11.1	5.3	8.2	—	13.6	7,13, 28	0.1	2	—	—	94	—	19	16	19	14	0	0	0	0	0	3	0	—	—	0	3.88	—	—
Winfrith	26	11.8	4.6	8.2	(+2.0)	16.7	13	-1.5	2,24	—	—	124	—	20	18	19	19	0	0	0	0	0	2	4	14	8	0	—	—	—
Devon																														
Burrington	199	—	—	—	—	—	—	—	—	—	—	88	—	13	18	23	16	—	—	—	—	—	—	—	—	—	—	—	—	—
Chivenor	6	11.9	5.3	8.6	+1.5	17.6	13	-0.7	24	—	—	65	—	11	8	18	14	—	—	—	—	—	—	2	—	—	—	—	—	—
Dunkeswell	251	10.1	4.3	7.2	—	15.2	13	-0.5	23	—	—	111	—	19	4	19	16	0	0	—	—	—	—	1	10	—	—	3.52	—	—
Exeter Airport (A)	32	12.0	5.0	8.5	+2.1	16.0	19,31	-0.7	24	—	—	82	135	15	4	17	13	0	0	0	0	0	4	4	10	5	0	3.66	98	—
Exmouth	78	11.1	5.5	8.3	—	14.6	19,31	1.1	1	—	—	83	—	13	7	19	15	0	0	1	0	0	4	0	—	—	1	3.80	—	—
Gawlish	122	—	—	—	—	—	—	—	—	—	—	105	—	20	8	20	17	—	—	—	—	—	—	—	—	—	—	—	—	—
Hemyock	165	10.8	4.6	7.7	—	15.9	13	-0.6	2	—	—	108	—	17	18	18	17	—	0	—	—	—	4	1	—	—	—	3.44	—	S
Ilfracombe	8	11.2	6.1	8.7	+1.4	17.4	13	1.4	1	—	—	108	152	21	18	16	16	0	0	0	0	0	0	0	—	—	0	—	—	—
Lundy	43	—	—	—	—	—	—	—	—	—	—	78	—	17	18	20	16	—	—	—	—	—	—	—	—	—	—	—	—	—
Melbury	143	10.7	4.2	7.5	—	16.6	13	-1.5	30	—	—	119	131	23	18	23	16	—	0	—	—	—	—	5	—	—	—	3.72	—	S
North Wyke	177	11.1	4.4	7.7	—	15.7	13	-0.2	30	—	—	97	—	17	8	18	15	0	0	0	0	0	0	1	15	—	0	3.41	—	—
Plymouth																														
Mount Batten (A)	27	11.2	6.0	8.6	+1.7	16.7	13	1.7	2	8.5	8.1	121	146	24	18	20	16	0	0	0	2	0	—	0	—	3	0	4.21	101	—
Princetown	423	8.3	3.4	5.9	—	12.4	14	-0.6	1	—	—	238	149	44	18	22	17	0	0	0	0	0	15	3	8	—	0	—	—	—
Rumleigh	23	12.5	5.2	8.9	—	18.3	13	-0.4	24	8.3	7.8	154	—	23	18	20	17	0	0	0	0	0	0	1	12	—	0	—	—	—
Saunton Sands	15	—	—	—	—	—	—	—	—	—	—	61	—	11	18	20	11	—	—	—	—	—	—	—	—	—	—	—	—	—
Sidmouth	10	11.8	5.2	8.5	—	15.8	30	0.3	1	—	—	100	158	14	4	16	15	1	0	1	1	0	2	0	—	—	0	—	—	—
Slapton	32	11.3	5.9	8.6	(+1.7)	13.0	13,14, 31	0.5	3	—	—	122	140	30	18	18	16	0	0	0	0	0	2	0	3	—	0	3.66	—	—
Teignmouth	3	11.0	6.1	8.5	+1.4	15.3	31	0.7	1	—	—	106	155	13	7	18	15	0	0	0	0	0	2	0	—	—	0	4.01	100	—
Torbay (Torquay)	8	11.8	6.0	8.9	+1.8	15.2	31	1.6	24	—	8.8	104	140	15	7	17	16	0	0	0	0	0	1	0	5	—	0	4.05	95	—
Twist	186	10.9	4.4	7.7	—	16.0	31	0.3	23	—	—	110	—	16	18	18	17	0	0	0	0	0	5	0	—	—	2	3.64	—	—
Yarner Wood	198	(11.3)	(4.5)	7.9	—	17.5	31	0.3	1,2	(7.1)	—	164	—	23	15	19	16	0	0	0	0	0	—	0	12	—	1	(3.65)	—	S
Cornwall																														
Bastreet	236	10.3	—	—	—	15.9	13	—	—	—	—	186	146	26	18	22	18	—	—	—	—	—	—	—	—	—	—	—	—	—
Bude	15	11.6	5.5	8.5	-1.6	18.2	13	-0.9	1,30	8.5	—	76	122	13	8	21	15	0	0	1	0	0	0	3	—	—	0	3.80	92	—
Camborne (A)	87	10.6	6.1	8.3	—	14.3	13	1.7	1	8.4	8.3	155	—	22	21	21	18	0	0	4	0	1	2	0	7	2	0	3.69	—	—
Culdrose (A)	80	10.7	5.9	8.3	-1.5	14.0	31	1.7	1,23	—	—	139	169	32	12	22	17	—	—	—	—	—	—	0	—	1	—	—	—	—
Falmouth	51	11.0	6.5	8.7	-1.5	15.8	31	2.5	1	—	—	134	146	18	18	20	20	0	0	1	0	0	0	0	5	—	0	4.03	104	—
Gwennap Head	66	10.3	6.2	8.3	—	12.5	7,25	0.9	22	—	—	79	—	16	12	19	14	—	—	—	—	—	—	0	—	—	—	—	—	—
Lizard	73	—	—	—	—	—	—	—	—	—	—	82	108	15	12	19	17	—	—	—	—	—	—	—	—	—	—	—	—	—
Lizard Lighthouse	60	10.4	—	—	—	13.7	31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Newquay	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Penzance	19	11.8	6.4	9.1	-1.4	16.0	31	2.0	30	—	—	148	156	21	21	23	18	0	0	1	0	0	1	0	—	—	2	4.10	96	—
Scilly (St Mary's)	51	11.1	7.1	9.1	-0.9	15.5	10	4.6	23	—	—	71	—	13	12	18	17	0	0	0	1	0	6	0	2	0	1	(4.15)	99	—
St Ives	10	10.8	7.4	9.1	—	14.1	13	4.5	3	—	—	129	—	18	12	20	16	0	0	1	0	0	0	0	—	—	0	3.50	—	—
St Mawgan (A)	103	11.0	5.7	8.3	+1.6	16.0	13	1.0	24	—	—	112	140	16	18	21	18	0	0	0	4	0	1	0	8	3	0	3.90	92	—
Tregastic	110	11.3	5.2	8.3	—	15.8	13	1.1	1,2	—	—	173	—	27	18	20	20	0	0	1	0	1	2	0	11	—	1	—	—	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation															
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
CHANNEL ISLANDS																														
Guernsey																														
Airport (A)	101	10.5	6.5	8.5	+1.5	16.5	13	3.0	2	8.1	7.8	82	128	13	16	17	15	0	0	0	0	0	6	0	5	2	0	4.00	90	–
L'Ancresse	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Jersey																														
Airport (A)	84	11.4	6.6	9.0	+2.0	17.2	13	1.4	2	8.3	8.4	59	96	10	18	15	12	0	–	0	0	0	3	0	3	1	0	3.83	83	–
Gorey Castle	79	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3.72	–	–
St Helier	54	12.1	6.7	9.4	–	18.2	13	1.8	2	–	–	53	80	9	18	15	13	0	0	0	0	0	1	0	4	–	0	3.91	–	–
Trinity States Farm	107	11.4	6.7	9.1	–	16.6	13	3.5	1	8.8	–	60	–	12	18	15	14	0	0	0	0	0	4	0	1	–	0	–	–	–
NORTHERN IRELAND																														
Londonderry																														
Banagher (Caugh Hill)	216	9.3	3.7	6.5	–	13.0	13,14, 29	-1.0	1	–	–	130	–	29	4	23	17	0	0	0	0	0	1		11	–	4	2.41	–	–
Carmoney	73	10.0	4.4	7.2	–	13.8	12	0.2	2	–	–	75	–	14	18	17	15	0	0	0	0	0	0	0	7	5	0	2.67	–	–
Castledawson Hillhead	30	11.2	3.0	7.1	–	13.8	31	-1.6	4	–	–	100	–	26	18	18	14	0	0	0	0	0	–	7	5	–	0	–	–	–
Coleraine University (A)	23	10.5	3.9	7.2	–	13.6	29	-1.9	26	6.7	6.3	71	–	16	18	17	16	4	0	0	1	0	1	5	11	–	0	2.90	–	–
Lough Fea W Wks	225	9.5	3.2	6.3	–	14.5	31	-2.1	2	–	–	192	–	46	18	20	19	0	0	0	0	0	6	5	12	–	0	–	–	–
Moydamlaght	178	9.6	3.9	6.7	–	13.4	13,29	-0.9	4	–	–	138	–	27	18	21	19	3	–	0	0	0	0	1	13	–	0	–	–	–
Moyola Waterworks	17	10.1	2.5	6.3	–	13.6	31	-2.7	29	–	–	103	–	26	18	19	15	0	0	0	0	0	1	6	12	–	0	–	–	–
Antrim																														
Altnahinch	213	9.1	3.0	6.1	–	12.5	13	-1.5	1, 4	–	–	100	–	20	18	24	18	1	1	0	0	0	2	5	13	–	0	2.56	–	–
Belfast																														
Aldergrove Airport (A)	68	10.2	4.0	7.1	+1.8	13.1	31	-0.4	1	6.7	6.5	74	135	20	18	19	16	0	0	1	1	0	1	1	12	8	0	2.83	87	–
Newforge	40	10.7	5.4	8.1	–	13.2	16,18, 31	-0.6	1	–	–	93	–	15	18	21	13	0	0	0	0	0	–	1	13	–	0	2.24	–	–
Oldparkfilters	58	10.4	4.1	7.3	–	13.5	29	-0.5	4	–	–	107	139	29	18	20	13	0	0	0	0	0	1	2	11	–	0	–	–	–
Carnlough	12	10.3	4.0	7.1	–	12.7	31	-5.3	28	–	–	112	–	26	18	22	16	0	0	0	0	0	3	3	–	–	1	–	–	–
Dungonnell Filters	271	8.8	2.6	5.7	–	12.0	19	-1.5	29	–	–	101	–	27	18	21	17	0	0	0	0	0	6	6	12	–	0	–	–	–
Garron Tower	62	9.6	4.4	7.0	–	12.6	30	1.0	4	–	–	104	–	24	18	20	14	0	0	0	0	0	3	0	–	–	0	–	–	–
Greenmount	38	10.3	4.1	7.2	(+1.7)	13.5	16	-0.6	1	7.5	–	62	–	18	18	21	15	0	0	0	0	0	–	2	15	–	0	–	–	–
Jordanstown Rostulla	10	10.5	4.2	7.3	–	13.8	31	-1.0	4	–	–	67	–	10	20	20	15	0	0	0	0	0	3	3	14	–	0	–	–	–
Larne Harbour	43	10.0	4.9	7.5	–	13.4	31	1.6	29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	0	–	–	–
Lowtown	213	9.3	3.3	6.3	–	11.8	13	-1.2	3	5.6	–	107	–	36	18	22	17	0	0	0	0	0	3	5	8	–	0	2.49	–	–
Movanagher Fish Farm	10	10.9	3.5	7.2	–	15.5	13	-2.0	4	–	–	81	–	14	15	23	16	0	0	0	0	0	1	5	6	–	0	–	–	–
Parkmore Forest	235	8.9	1.8	5.3	–	11.4	12	-1.9	6	–	–	111	93	29	18	22	18	0	0	0	0	0	–	11	17	–	0	–	–	–
Woodburn North	217	8.7	3.2	5.9	–	10.1	14,19	-1.5	2	–	–	96	116	23	18	19	16	0	0	0	0	0	–	5	10	–	0	–	–	–
Down																														
Ballykine Rockvale	125	9.8	3.5	6.7	–	13.0	31	-0.6	1	–	–	143	–	26	4	20	15	0	0	0	0	0	3	1	8	–	0	–	–	–
Ballywatticock	6	9.6	4.3	6.9	–	13.5	19	-0.7	4	6.7	6.7	79	136	13	18	19	13	0	0	0	2	0	2	3	8	8	0	2.61	–	–
Belfast																														
Ravenhill Road	10	10.7	4.4	7.5	–	13.8	29	-0.7	1	–	–	92	–	15	18	20	13	0	0	0	0	0	0	3	11	–	0	–	–	–
Stormont Castle	56	10.1	3.7	6.9	+1.2	12.9	10	-0.2	1	6.7	6.6	85	129	23	18	16	14	0	0	0	0	0	4	1	–	–	0	2.59	(79)	–
Bryansford	85	10.3	4.3	7.3	–	13.9	19,31	-0.3	11	7.1	6.9	191	–	31	4	22	15	0	0	1	0	0	1	2	7	5	1	–	–	–
Downpatrick, Killavees	58	10.1	3.8	6.9	–	15.2	31	-0.5	1	–	–	84	–	12	7,20	15	13	0	0	0	0	0	3	2	10	–	0	–	–	–
Helens Bay	43	10.5	4.4	7.5	(+1.4)	14.1	31	-0.3	4	6.8	6.3	100	164	21	18	19	13	0	0	0	0	0	2	2	10	–	0	–	–	–
Hillsborough	116	9.6	4.7	7.1	+1.9	12.3	13	0.9	1	6.5	6.3	81	137	13	20	20	14	0	0	0	0	0	2	0	11	–	0	2.70	83	–
Killough	15	9.5	4.8	7.1	–	13.5	31	0.5	1,25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	7	4	–	–	–	–
Long Kesh (A)	36	10.5	3.9	7.2	–	13.5	31	-1.1	1	6.8	6.7	77	–	15	20	18	16	0	0	0	1	0	1	5	15	9	0	2.79	–	–
Lough Cowey	10	10.0	3.7	6.9	–	13.7	31	-2.8	25	–	–	95	162	17	18	20	13	0	0	0	0	0	1	2	5	–	1	2.37	–	–
Magherally	97	10.0	3.1	6.5	–	12.8	13	-2.7	25	6.6	6.4	82	–	17	20	20	14	0	0	1	0	0	0	8	17	11	0	–	–	–
Murlough	12	10.0	4.4	7.2	–	14.6	19	-0.6	25	6.6	6.4	137	–	27	18	21	16	0	0	0	0	0	–	3	13	–	0	2.59	–	S
Newry, Carnbane	8	10.8	3.6	7.2	–	14.0	19	-3.3	1	–	–	95	–	15	18	19	15	0	0	0	0	0	1	5	10	–	0	2.30	–	–
Saintfield Rowallane	95	9.9	2.7	6.3	–	13.7	31	-2.6	4	6.1	–	118	–	20	20	19	14	0	0	0	0	0	–	7	10	–	0	–	–	–
Silent Valley	129	9.2	3.9	6.5	–	13.2	31	-1.6	2	–	–	177	164	42	18	21	16	0	0	0	0	0	4	3	14	–	0	2.67	–	–
Trassey Slievenaman	215	9.7	3.2	6.5	–	12.6	31	-1.5	29	–	–	247	–	38	4	19	15	1	0	0	2	0	2	3	11	–	0	–	–	–
Armagh																														
Annaghmore	27	10.8	3.1	6.9	–	14.8	31	-3.7	29	7.1	7.1	93	–	10	7	19	16	0	0	0	0	0	2	5	14	11	0	–	–	–
Armagh	62	10.7	3.9	7.3	+1.4	14.7	15	-1.5	29	7.0	6.9	86	156	10	18,20	20	16	0	0	0	0	0	1	4	10	–	1	2.81	87	S
Castor Bay	17	10.3	4.0	7.1	–	13.1	15,31	-0.8	1	–	–	86	–	13	18	21	15	0	0	0	0	0	0	2	8	–	0	–	–	–
Loughgall	25	10.7	2.5	6.6	+1.0	14.6	15,24	-2.6	1,29	–	–	85	161	11	18	18	16	1	0	0	1	0	1	8	14	–	0	–	–	–
Tandragee, Ballylisk	43	11.1	3.9	7.5	–	13.1	16	-2.3	29	–	–	89	–	17	7	19	13	0	0	0	0	0	1	5	12	–	0	–	–	–
Tyrone																														
Baron's Court	132	9.8	4.3	7.1	–	13.2	29	-1.0	1	–	–	156	–	32	18	21	20	4	0	0	0	0	0	1	9	–	0	2.24	–	–
Carrigans (A)	113	10.6	3.7	7.1	(+1.8)	14.2	31	-3.6	1	–	–	129	–	26	18	22	18	0	0	0	0	0	0	5	13	7	0	2.70	–	–
Cookstown	77	10.5	3.2	6.9	–	14.3	31	-2.4	2	6.6	–	87	124	11	20	18	17	0	0	0	0	0	2	6	11	–	0	2.80	–	–
Edenfel	88	10.6	3.3	6.9	–	13.9	15	-4.9	1	–	–	129	179	25	18	24	20	0	0	3	0	0	0	6	12	–	0	–	–	–
Fivemiletown	119	10.9	3.7	7.3	–	13.3	16	-3.1	1	–	–	126	–	31	18	19	16	0	0	0	0	1	0	2	5	–	0	–	–	–
Lough Bradan W Wks	180	9.4	3.3	6.3	+1.6	13.0	31	-3.0	1	–	–	156	161	34	18	18	17	0	0	0	0	0	0	3	–	–	0	–	–	–
Strabane Glen Road	60	10.6	4.2	7.4	–	14.1	29	-1.5	1	–	–	112	–	26	16	19	17	1	0	0	1	0	–	3	11	–	0	–	–	–
Fermanagh																														
Castle Archdale Forest (A)	66	10.4	4.1	7.3	(+1.8)	13.5	15	-3.5	1	7.1	6.6	120	–	17	16	22	18	–	0	–	–	–	–	2	13	–	–	–	–	–
Corgary	145	10.3	4.2	7.3	–	13.7	29	-1.8	1	–	–	137	–	29	18	22	22	–	0	–	–	–	–	1	10	6	–	–	–	–
Knockarevan	53	10.8	3.8	7.3	–	14.0	15,29	-3.2	1	–	–	139	–	30	18	22	19	–	0	–	–	–	–	3	11	8	–	–	–	–
Lisnaskea	49	10.9	3.9	7.4	–	14.0	15	-4.5	1	–	–	113	–	20	16	23	18	0	0	0	0	0	0	4	10	–	0	–	–	–
Lough Navar Forest	126	10.1	2.4	6.3	(+1.2)	13.7	29	-4.1	1	–	–	158	155	22	16	24	21	0	0	0	0	0	5	12	14	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Wind speed and direction: Beaufort force: 6-7	Wind speed and direction: Beaufort force: 4-5	Wind speed and direction: Beaufort force: 1-3	Wind speed and direction: Beaufort force: Calm	Wind speed and direction: Speed (kn): 34 or more	Wind speed and direction: Speed (kn): 22-33	Wind speed and direction: Speed (kn): 11-21	Wind speed and direction: Speed (kn): 1-10	Wind speed and direction: Speed (kn): 0	Wind speed and direction: N	Wind speed and direction: NE	Wind speed and direction: E	Wind speed and direction: SE	Wind speed and direction: S	Wind speed and direction: SW	Wind speed and direction: W	Wind speed and direction: NW
									Number of observations																																	
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Shetland																																										
Fair Isle	61	9	1009.8	–	6.3	0.5	8.9	93	6.5	0	3	3	12	11	2	0	1	2	3	2	2	3	7	4	7	0	2	21	8	0	2	1	2	8	6	5	4	3
		15	1009.7	–	6.7	0.5	9.1	92	6.8	1	1	3	11	13	2	0	2	1	2	0	3	4	5	11	3	0	1	22	8	0	1	0	1	10	6	4	6	3
		21	1010.0	–	6.0	0.5	8.8	93	6.7	0	2	3	10	15	1	0	0	1	1	3	5	1	4	14	2	0	3	16	10	2	3	0	0	10	6	6	2	2
Lerwick	83	3	1009.3	–	5.0	0.5	8.1	92	6.5	1	3	3	7	16	1	0	1	0	1	1	2	8	6	10	2	0	2	19	10	0	1	1	0	7	10	4	4	4
		9	1009.6	-0.9	5.6	0.5	8.4	92	6.6	0	3	2	10	15	1	0	1	2	0	4	3	3	6	9	3	0	2	20	9	0	1	0	2	6	8	8	2	4
		15	1009.3	–	6.4	0.8	8.6	89	7.0	0	1	4	9	16	1	0	2	0	1	1	4	5	3	14	1	0	1	26	4	0	2	0	1	5	10	2	9	2
		21	1009.6	–	5.1	0.4	8.3	94	7.0	0	1	3	10	16	1	0	0	2	1	0	4	5	4	13	2	0	4	13	14	0	2	0	0	6	9	7	3	4
Muckle Flugga	54	3	1009.4	–	5.8	0.8	8.1	87	6.8	0	1	5	4	20	1	1	0	0	0	0	0	4	3	23	0	2	7	15	7	0	1	1	2	9	11	3	4	0
		9	1009.4	–	6.3	0.9	8.3	87	6.8	0	2	2	12	15	0	0	0	0	0	2	6	6	14	3	2	2	10	13	6	0	1	1	0	6	13	5	5	0
		15	1009.4	–	6.6	0.9	8.5	87	7.0	0	1	2	10	18	0	0	0	0	2	3	1	4	2	16	3	2	13	12	4	0	2	0	2	5	11	8	3	0
		21	1009.3	–	6.1	0.8	8.3	88	6.9	0	1	6	5	19	0	0	0	0	0	1	0	5	6	19	0	3	12	10	5	1	3	0	2	7	10	4	2	2
Sumburgh	13	3	1009.5	–	5.9	0.7	8.3	90	6.6	0	3	3	7	17	1	0	0	1	0	1	2	8	7	10	2	0	2	19	10	0	3	1	1	9	7	2	5	3
		9	1009.7	–	6.6	0.8	8.6	88	6.5	0	5	1	8	17	0	0	0	0	1	3	3	4	7	8	5	0	3	20	8	0	2	0	3	7	5	8	3	3
		15	1009.6	–	7.3	1.1	8.7	85	6.8	0	2	1	15	13	0	0	0	1	0	2	3	2	6	12	5	0	3	18	10	0	1	1	1	7	8	3	8	2
		21	1009.8	–	6.2	0.8	8.4	88	6.7	0	3	3	9	16	0	0	0	0	0	0	4	4	7	12	4	0	4	15	12	0	3	0	0	8	7	4	7	2
Orkney																																										
Kirkwall	26	3	1009.2	–	4.7	0.4	8.0	93	5.9	1	5	4	7	14	0	0	0	0	0	2	3	7	3	14	2	0	2	15	14	0	0	0	4	6	9	3	5	4
		9	1009.5	-1.3	6.2	0.6	8.6	90	6.5	0	1	3	21	4	2	0	0	1	1	0	2	6	4	12	5	0	1	19	11	0	2	1	2	5	11	4	3	3
		15	1009.3	–	7.8	1.1	8.9	84	6.3	0	3	3	17	6	2	0	0	0	2	0	2	2	4	9	12	0	1	21	9	0	3	0	3	9	4	2	7	3
		21	1009.6	–	5.8	0.6	8.4	91	6.1	0	4	7	8	12	0	0	0	0	0	1	3	4	3	17	3	0	2	17	12	0	2	0	1	8	8	1	8	3
Western Isles																																										
Benbecula	7	3	1008.4	–	6.1	0.7	8.5	90	6.1	0	3	7	8	13	0	0	0	0	1	0	3	3	6	14	4	0	0	11	20	0	4	3	0	4	10	6	3	1
		9	1008.8	-1.7	6.7	0.7	8.8	89	6.5	0	4	0	17	10	0	0	0	0	0	1	5	2	5	11	7	0	0	13	18	0	3	1	3	3	11	5	2	3
		15	1008.6	–	8.4	1.6	8.7	79	6.1	0	5	2	13	11	0	0	0	0	0	0	4	6	1	10	10	0	6	12	13	0	3	3	1	4	5	9	4	2
		21	1008.6	–	6.3	0.7	8.6	89	5.6	0	6	7	6	12	0	0	0	0	0	0	2	7	2	14	6	0	3	11	15	2	4	2	2	6	6	7	1	1
Stornoway	5	3	1008.3	–	5.7	0.6	8.3	90	6.5	1	1	5	8	16	0	0	0	0	0	0	0	6	5	20	0	0	0	6	22	3	2	2	3	2	8	5	3	3
		9	1008.7	-1.8	6.6	0.9	8.5	87	5.8	0	4	6	15	6	0	0	0	0	0	0	1	6	5	13	6	0	0	8	21	2	2	3	4	4	9	4	1	2
		15	1008.4	–	8.0	1.5	8.5	79	6.4	1	1	4	14	11	0	0	0	0	0	0	0	5	5	12	9	0	2	8	20	1	1	4	2	3	9	4	3	4
		21	1008.5	–	6.4	0.8	8.6	88	6.1	0	5	4	7	15	0	0	0	0	0	0	2	8	2	16	3	0	0	11	19	1	3	3	2	4	8	5	3	2
Highland																																										
Aviemore	228	3	1010.0	–	3.4	0.8	6.9	87	5.0	1	6	8	9	7	0	0	0	0	0	0	1	2	4	13	11	0	0	5	22	4	5	0	0	3	9	3	1	6
		9	1010.3	–	4.3	1.0	7.1	84	6.6	0	2	4	18	7	0	0	0	0	2	0	1	1	5	10	12	0	0	7	18	6	4	4	0	3	11	0	1	2
		15	1008.9	–	8.7	2.6	7.4	67	6.2	2	0	9	7	13	0	0	0	0	0	0	0	1	5	8	17	0	1	8	21	1	6	1	0	4	14	3	0	2
		21	1010.0	–	4.9	1.1	7.2	82	5.5	2	2	8	10	9	0	0	0	0	0	0	0	2	2	8	19	0	0	7	20	4	6	0	0	1	10	4	3	3
Cape Wrath	113	3	1008.1	–	6.2	1.2	7.8	82	5.9	1	1	11	5	9	4	2	1	1	0	0	0	0	1	20	6	1	2	16	11	1	2	1	4	3	5	12	1	2
		9	1008.6	–	6.3	1.2	7.8	82	6.7	0	1	5	13	7	5	2	3	0	0	0	0	0	2	18	6	0	5	17	9	0	3	2	5	3	3	13	2	0
		15	1008.5	–	7.2	1.3	8.2	82	6.8	0	1	4	10	11	5	3	1	1	0	1	0	0	3	16	6	0	6	10	13	2	3	0	6	2	4	10	2	2
		21	1008.4	–	6.4	1.1	8.1	84	6.4	0	4	4	4	16	3	2	1	0	0	0	0	0	6	15	7	1	4	16	10	0	2	1	4	3	7	9	5	0
Dalcross	12	9	1009.7	–	5.7	1.1	7.8	84	6.3	0	2	4	20	3	2	0	2	0	0	0	2	1	5	13	8	0	0	5	24	2	2	5	3	2	4	12	1	0
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Invergordon Harbour	12	3	1009.5	–	5.0	0.8	7.8	88	5.7	1	5	7	3	14	1	0	0	1	0	2	1	2	11	10	4	0	0	3	17	11	2	3	1	2	1	1	8	2
		9	1009.9	–	5.5	0.9	7.8	86	6.8	0	1	2	18	10	0	0	0	0	1	2	1	5	2	16	4	0	0	2	15	14	1	1	2	0	0	5	7	1
		15	1009.2	–	8.9	2.0	8.4	74	6.6	1	2	3	10	13	2	0	0	2	0	1	0	3	4	12	9	0	0	8	19	4	1	3	5	3	1	4	8	2
		21	1009.8	–	6.6	1.1	8.2	83	5.8	1	2	10	4	12	2	0	0	2	0	0	0	3	11	10	5	0	0	4	15	12	2	1	4	1	0	5	3	3
Waterstein	81	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wick	37	3	1009.5	–	4.8	0.6	7.9	90	6.0	0	4	6	7	13	1	0	0	0	3	0	3	7	2	14	2	0	1	8	22	0	0	1	2	8	9	5	2	4
		9	1009.9	-1.1	6.3	0.9	8.3	86	6.7	0	0	4	21	5	1	1	0	0	0	1	3	4	2	16	4	0	0	11	20	0	2	3	1	8	9	2	4	2
		15	1009.5	–	7.7	1.5	8.3	80	6.5	0	3	3	14	8	3	2	0	1	0	0	1	3	2	16	6	0	0	14	17	0	2	0	3	13	4	3	2	4
		21	1010.0	–	5.5	0.7	8.1	88	6.0	1	4	5	9	11	1	0	0	0	1	2	3	2	4	16	3	0	1	11	19	0	2	1	2	11	5	5	2	3
1 SCOTLAND E																																										
Grampian																																										
Dyce	69	3	1009.9	–	4.1	0.4	7.7	93	5.8	3	4	1	12	9	2	0	0	1	2	3	3	7	5	4	6	0	0	4	22	5	3	0	3	4	4	3	1	8
		9	1010.5	-1.7	5.6	0.7	8.2	89	6.5	0	3	1	22	3	2	1	1	0	1	1	4	4	4	7	8	0	0	7	21	3	6	0	3	0	10	5	2	2
		15	1009.8	–	8.5	1.6	8.8	80	6.4	0	4	1	17	7	2	0	1	0	3	1	0	1	7	14	4	0	0	11	20	0	3	1	2	5	12	2	3	3
		21	1010.3	–	5.6	0.7	8.2	90	6.1	0	5	3	9	13	1	0	1	1	2	0	2	8	5	6	6	0	0	6	22	3	2	2	0	9	7	2	4	2
Glenlivet	212	9	1010.5	–	4.3	1.0	7.1	83	6.8	0	0	2	25	2	2	0	0	0	2	1	0	1	1	5	21	0	0	1	30	0	0	0	0	10	6	7	1	6	1
		15	1009.3	–	8.3	2.5	7.3	68	6.6	0	2	3	19	6	1	0	0	0	1	0	0	0	4	5	21	0	0	2	29	0	0	0	0	0	8	9	2	10	2
		21	1010.3	–	4.9	1.1	7.2	83	5.5	2	4	7	7	10	1	0	0	0	1	0	0	1	1	16	12	0	0	3	28	0	0	1	0	1	10	4	5	1	9	1
Kinloss	6	3	1009.3	–	4.9	0.9	7.6	87	5.2	1	7	6	8	9	0	0	0	0	1	1	0	5	3	9	12	0	0	6	23	2	1	1	5	3	2	8	6	3
		9	1009.8	-1.8	6.4	1.4	7.7	79	6.2	0	2	6	17	5	1	0	1	0	1	0	0	2	5	5	17	0	0	7	22	2	1	1	5	3	4	10	3	2
		15	1009.0	–	9.3	2.3	8.2	70	6.5	0	2	3	16	10	0	0	0	0	1	0	2	1	5	8	14	0	0	0	12	19	0	4	3	3	4	3	3	7	4
		21	1009.5	–	6.2	1.1	8.0	84	5.9	1	4	4	12	9	1	0	0	1	1	0	1	1	7	8	12	0	0	7	22	2	0	2	5	6	4	6	2	4
Peterhead Harbour	15	3	1010.1	–	5.7	0.7	8.2	89	6.0	1	1	11	5	11	2	0	0	2	0	1	1	10	17	0	0	0	0	9	20	2	2	2	1	3	11	4	5	1
		9	1010.6	–	6.5	1.0	8.4	86	6.1	0	0	11	11	5	4	0	1	1	2	0	2	4	11	10	0	0	0	12	13	6	1	1	2	0	11	5	1	4
		15	1010.1	–	7.3	1.2	8.4	83	6.8	0	0	6	11	9	5	0	0	1	4	1	2	2	14	7	0	0	0	12	16	3	2	3	1	5	12	2	2	1
		21	1010.6	–	6.3	0.8	8.4	88	6.1	0	1	12	5	8	5	0	0	2	3	0	2	5	19	0	0	0	0	1	7	19	4	3	0	3	4	8	3	4	2
Fife																																										
Leuchars	12	3	1010.5	–	4.3	0.4	7.9	93	5.2	1	8	5	5	11	1	0	0	0	2	1	5	5	4	9	5	0	0	5	23	3	3	2	3	1	2	6	9	2
		9	1011.1	-1.2	5.2	0.9	8.3	86	6.6	0	2	3	18	6	2	0	0	3	1	1	2	3	8	7	6	0	1	8	22	0	2	6	4	1	2	10	6	0
		15	1010.3	–	8.7	1.9	8.4	76	6.7	0	1	4	13	12	1	0	1	0	2	3	0	3	6	8	8	0	2	12	17	0	1	5	7	4	1	6	5	2
		21	1010.6	–	5.6	0.6	8.3	90	5.6	3	3	6	3	15	1	0	0	0	2	2	3	7	5	4	8	0	1	5	23	2	2	6	6	3	1	4	6	1

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 199 m	Visibility: 200 - 399 m	Visibility: 400 - 999 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Wind speed and direction: Speed (kn): 34 or more	22-33	11-21	1-10	0	Wind speed and direction: N	NE	E	SE	S	SW	W	NW
									Number of observations																																		
1 SCOTLAND E - Continued																																										
Lothian																																										
Turnhouse	44	3	1010.5	–	4.4	0.5	7.8	92	5.9	1	4	2	18	4	2	0	1	1	1	4	1	4	9	8	2	0	0	6	17	8	1	2	4	0	2	2	11	1
		9	1011.0	-1.7	6.2	0.9	8.3	87	6.5	0	1	4	19	2	5	1	1	2	2	0	1	9	5	7	3	0	0	5	21	5	1	6	4	0	1	9	5	0
		15	1010.0	–	8.8	2.0	8.4	74	7.0	0	0	1	23	4	3	1	0	1	1	0	3	2	9	7	7	0	1	13	17	0	2	8	5	1	1	5	7	2
		21	1010.4	–	6.1	0.9	8.2	87	5.9	0	4	4	15	7	1	0	0	0	2	4	2	5	6	9	3	0	0	11	17	3	1	4	6	1	3	4	7	2
6 SCOTLAND W																																										
Strathclyde																																										
Abbotsinch	9	3	1010.2	–	4.8	0.5	8.0	91	6.0	0	5	4	10	11	1	0	0	1	0	2	1	5	13	8	1	0	0	4	25	2	1	2	8	0	5	6	6	1
		9	1010.6	-2.0	6.3	0.9	8.4	87	6.9	0	0	3	17	10	1	0	0	1	0	1	4	9	6	7	3	0	0	9	21	1	0	2	8	4	3	7	4	2
		15	1009.7	–	9.3	2.1	8.5	72	6.6	0	1	7	12	11	0	0	0	0	0	0	2	7	7	8	7	0	0	15	16	0	0	4	7	2	1	8	7	2
		21	1010.0	–	6.3	0.9	8.4	87	6.0	0	3	8	8	12	0	0	0	0	0	0	3	6	7	11	4	0	0	7	22	2	0	5	7	2	4	6	4	1
Orsay	24	3	1009.0	–	6.7	0.3	9.5	96	6.1	0	4	5	7	13	2	0	0	0	1	1	0	2	0	7	11	9	0	6	14	10	1	3	2	6	5	8	4	1	1
		9	1009.2	–	6.8	0.3	9.4	95	6.8	0	0	7	9	13	2	2	0	0	0	1	0	2	5	13	8	0	8	12	10	1	3	3	5	5	6	3	3	2
		15	1008.9	–	8.0	0.5	10.0	92	6.5	0	0	9	9	12	1	1	0	0	0	1	0	0	0	11	11	7	2	5	8	15	1	2	1	4	6	9	3	3	2
		21	1009.0	–	7.1	0.3	9.6	95	6.5	0	4	4	7	15	1	0	0	0	0	1	1	0	3	6	11	9	0	4	11	15	1	4	1	6	6	6	4	2	1
Prestwick	21	3	1010.2	–	5.1	0.6	8.1	90	5.5	0	9	2	9	11	0	0	0	0	0	0	1	1	5	7	16	1	0	0	5	24	2	2	4	5	6	6	5	1	0
		9	1010.5	-2.1	6.8	1.0	8.5	85	6.2	0	5	2	17	7	0	0	0	0	0	2	0	5	8	10	6	0	0	11	20	0	0	2	8	8	4	6	1	2
		15	1009.6	–	9.4	2.1	8.7	73	6.3	0	2	5	16	8	0	0	0	0	0	0	2	10	15	4	0	1	12	18	0	0	2	7	3	2	8	7	2	
		21	1010.0	–	6.7	0.8	8.7	88	6.0	1	4	4	8	14	0	0	0	0	0	0	1	6	11	13	0	0	0	6	25	0	0	3	8	5	3	5	4	3	
Tiree	10	3	1008.7	–	6.4	0.7	8.6	89	5.5	2	7	0	11	11	0	0	1	0	1	1	2	5	4	13	4	0	1	14	16	0	6	2	1	6	8	5	3	0	
		9	1009.0	-2.2	7.2	0.9	8.9	87	6.3	0	4	2	16	9	0	0	0	0	1	0	1	5	10	10	4	0	4	14	13	0	4	1	2	7	5	7	2	3	
		15	1008.7	–	8.6	1.4	9.1	81	6.2	1	4	2	13	11	0	0	0	0	0	0	3	6	6	9	7	1	4	12	14	0	3	3	1	7	5	6	3	3	
		21	1008.8	–	6.5	0.7	8.7	89	5.7	1	6	3	8	12	1	0	0	1	0	0	2	7	6	12	3	0	3	9	19	0	3	3	3	6	8	3	4	1	
Dumfries & Galloway																																										
Corsewall Point	15	9	–	–	7.0	0.6	9.1	90	5.8	0	3	9	6	13	0	0	0	0	0	1	0	2	3	20	5	0	0	18	11	2	2	4	3	6	6	5	0	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drungans	16	3	–	–	5.7	0.7	8.4	90	5.9	5	1	3	4	18	0	0	0	0	1	0	0	1	12	17	0	0	0	3	20	8	2	2	0	2	5	4	5	3
		9	–	–	6.4	1.0	8.4	86	6.7	0	3	3	8	17	0	0	0	0	1	0	1	0	13	15	1	0	0	1	24	6	6	1	4	1	4	8	0	1
		15	–	–	9.7	2.2	8.8	73	6.8	0	1	4	14	12	0	0	0	0	0	0	0	1	9	20	1	0	0	3	27	1	2	1	3	1	6	7	2	2
		21	–	–	7.3	1.1	8.8	84	6.4	1	3	4	5	18	0	0	0	0	0	0	0	3	11	17	0	0	0	1	27	3	2	0	9	4	3	2	6	2
Eskdalemuir	237	3	1010.8	–	3.7	0.3	7.8	95	6.1	4	2	2	4	17	2	1	1	1	4	3	3	8	4	4	2	0	0	4	25	2	7	4	1	2	10	3	0	2
		9	1011.4	-1.8	5.0	0.5	8.2	92	6.5	1	3	2	10	14	1	0	0	1	1	1	6	9	2	6	5	0	0	4	27	0	6	5	3	0	11	2	1	3
		15	1010.5	–	7.7	1.6	8.3	79	7.0	0	1	2	15	13	0	0	0	0	1	0	1	11	6	6	6	0	0	9	22	0	1	4	3	3	7	8	4	1
		21	1010.9	–	4.9	0.4	8.2	93	6.5	1	4	3	4	18	1	0	1	0	1	1	6	9	6	3	4	0	0	7	24	0	6	5	0	2	10	3	2	3
2 ENGLAND E & NE																																										
Northumberland																																										
Boulmer	27	3	1010.8	–	5.1	0.5	8.2	92	5.7	0	7	3	8	10	3	2	1	0	1	3	4	7	2	5	6	0	1	1	25	4	2	1	1	5	1	8	4	5
		9	1011.4	-2.8	6.5	0.8	8.6	88	6.3	0	4	2	18	3	4	2	2	0	0	3	2	7	5	5	5	0	1	7	23	0	6	2	0	2	11	2	4	4
		15	1010.9	–	7.6	1.3	8.7	83	7.0	0	0	4	15	10	2	1	1	1	0	2	3	4	7	8	4	0	2	9	20	0	6	2	1	9	5	1	5	2
		21	1010.9	–	5.8	0.6	9.4	91	6.4	1	2	5	8	13	2	0	1	1	1	0	7	6	3	7	5	0	1	4	26	0	4	0	2	7	4	5	5	4
Tyne & Wear																																										
Newcastle	47	3	1011.0	–	6.2	0.8	8.5	88	5.7	0	6	5	11	7	2	0	1	2	0	1	3	7	2	11	4	0	0	2	26	3	3	1	3	0	7	5	7	2
Weather Centre (X)		9	1011.7	–	7.0	1.2	8.5	83	6.4	0	1	6	15	8	1	0	1	0	1	2	2	5	10	5	5	0	1	1	28	1	5	2	1	1	5	5	8	3
		15	1011.0	–	9.4	2.3	8.4	71	7.1	0	0	1	18	11	1	0	1	0	1	0	2	3	6	11	7	0	0	6	25	0	5	2	3	3	7	0	9	2
		21	1011.1	–	7.2	1.1	8.7	84	6.6	1	1	3	15	11	0	0	0	0	1	2	2	6	7	8	5	0	0	4	26	1	3	1	4	4	4	5	7	2
Tynemouth	40	3	1010.9	–	6.2	0.6	8.7	91	5.6	0	7	5	6	9	4	0	2	1	1	1	3	3	13	7	0	0	0	6	20	5	4	1	1	3	9	1	4	3
		9	1011.5	-1.8	6.9	0.8	8.9	89	6.3	1	0	9	9	11	1	1	0	0	2	0	5	8	10	5	0	0	1	7	20	3	5	2	0	3	9	3	4	2
		15	1010.9	–	8.2	1.3	9.0	83	7.1	0	0	2	15	12	2	1	1	1	0	0	3	8	10	7	0	0	2	16	13	0	9	1	1	4	10	1	5	0
		21	1010.9	–	7.1	0.8	8.9	88	6.5	3	0	3	8	14	3	0	2	0	1	0	1	5	13	9	0	0	2	9	18	2	6	0	1	4	10	0	7	1
North Yorkshire																																										
Fylingdales	262	3	1011.6	–	4.4	0.3	8.1	95	6.1	5	0	3	5	12	6	1	2	2	1	0	5	2	5	13	0	0	0	1	8	19	3	1	4	1	4	5	7	1	5
		9	1012.3	–	5.6	0.5	8.5	92	7.4	0	0	2	6	18	5	1	2	1	2	0	4	2	5	14	0	0	2	10	18	1	4	1	4	3	8	6	2	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1011.7	–	5.4	0.5	8.5	93	6.5	4	0	2	4	16	5	2	2	1	0	0	3	6	4	13	0	0	0	2	12	14	3	1	1	4	3	8	5	5	1
Leeming	37	3	1011.3	–	5.8	0.5	8.7	92	6.0	1	3	5	12	9	1	0	0	1	3	3	5	5	6	8	0	0	1	5	21	4	3	1	0	9	3	4	3	4
		9	1011.9	-1.9	6.8	0.8	8.9	89	7.0	0	1	2	16	11	1	0	0	1	1	4	3	10	7	2	3	0	1	6	23	1	8	1	2	7	4	1	4	3
		15	1011.0	–	9.8	2.0	9.2	75	7.0	0	0	3	15	12	1	0	0	0	1	1	1	6	12	7	3	0	1	14	16	0	5	2	2	8	6	3	4	1
		21	1011.3	–	7.4	0.9	9.1	87	6.5	0	2	3	14	12	0	0	0	0	2	2	6	8	3	7	3	0	0	6	23	2	4	2	0	8	5	3	5	2
Humberside																																										
Bridlington MRSC	19	3	1011.1	–	5.7	0.6	8.4	91	6.2	2	1	4	10	11	3	0	1	3	0	2	3	6	5	11	0	0	0	0	6	14	11	4	3	2	2	2	3	1	3
		9	1011.8	–	7.1	1.0	8.7	86	6.6	0	1	5	14	9	2	0	1	0	2	2	3	8	4	11	0	0	0	1	7	18	5	4	1	4	2	4	5	3	3
		15	1011.2	–	7.9	1.3	8.8	82	7.2	0	0	3	10	17	1	0	0	2	1	1	2	6	8	11	0	0	0	2	7	20	2	7	2	4	7	4	2	2	1
		21	1011.5	–	6.6	0.8	8.7	88	6.1	2	3	3	7	15	1	0	0	0	3	1	3	6	6	12	0	0	0	2	9	11	9	3	1	2	2	7	4	2	1
Easington	20	3	–	–	6.1	0.6	8.6	91	5.3	3	6	5	3	12	2	0	0	1	1	3	5	7	5	9	0	0	0	1	2	25	3	1	2	5	0	7	5	6	2
		9	–	–	7.0	1.0	8.7	86	5.9	0	2	10	10	7	2	0	1	0	1	1	6	7	9	6	0	0	0	0	10	20	1	2	1	5	3	5	5	7	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	6.8	0.8	8.9	89	5.5	5	2	6	1	16	1	0	0	1	0	2	4	11	3	10	0	0	0	1	7	21	2	1	3	2	5	9	2	7	0
Lincolnshire																																										
Coningsby	8	3	1011.5	–	5.9	0.6	8.5	91	6.1	1	4	3	11	12	0	0	0	0	0	2	0	8	7	8	6	0	0	0	7	23	1	2	3	7	3	5	5	3	2
		9	1012.4	–	7.6	1.0	9.1	86	6.3	0	3	4	13	11	0	0	0	0	0	2	1	5	7	10	4	2	0	0	11	20	0	2	1	7	3	7	6	2	3
		15	1011.5	–	10.5	2.3	9.1	71	6.3	0	3	3	15	10	0	0	0	0	0	0	2	7	6	11	5	0	1	17	13	0	3	1	5	2	11	3	2	4
		21	1011.9	–	7.4	0.8	9.3	89	5.9	0	5	5	10	10	1	0	0	0	2	2	4	9	5	8	1	0	0	7	23	1	3	2	8	3	8	1	2	3
Waddington	70	3	1011.8	–	6.0	0.6	8.6	91	6.5	1	1	3	18	5	3	0	1	1	3	0	1	10	9	4	2	0	0	4	27	0	4	3	1	2	5	10	5	1
		9	1012.5	-1.8	7.2	0.9	9.0	87	6.5	0	2	4	15	8	2	1	1	0	1	2	4	4	12	4	2	0	0	12	19	0	2	3	3	6	5	5	4	3
		15	1011.6	–	10.2	2.3	8.9	71	6.4	0	2	5	13	11	0	0	0	0	0	1	1	6	10	10	3	0	1	15	15	0	3	1	4	6	8	1	5	3
		21	1012.2	–	7.3	0.7	9.3	89	6.0	2	4	3	12	10	0	0	0	0	1	1	3	12	6	6	2	0	1	6	21	3	3	4	1	7	4	5	3	1

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 EAST ANGLIA																																											
Norfolk																																										
Coltishall	19	3	1012.4	–	5.7	0.5	8.7	93	5.8	1	5	4	9	11	1	1	0	1	0	3	4	13	3	5	1	0	1	3	21	6	1	1	6	2	4	7	4	0
		9	1013.3	–	7.7	0.9	9.3	87	6.5	0	4	2	14	10	1	0	1	0	0	2	5	8	8	5	2	0	0	8	22	1	3	3	5	3	6	4	6	0
		15	1012.5	–	10.4	2.1	9.4	74	6.1	0	4	4	16	7	0	0	0	0	0	1	2	4	12	7	5	0	2	14	15	0	2	3	2	5	9	2	5	3
		21	1013.0	–	7.1	0.7	9.1	89	5.5	1	6	4	9	11	0	0	0	0	0	2	9	6	6	6	2	0	2	6	22	1	3	4	6	3	9	1	4	0
Hemsby	14	3	1012.1	–	6.0	0.6	8.6	92	5.9	2	2	6	10	10	1	0	2	0	0	1	7	11	5	5	0	0	2	7	18	4	1	2	4	3	6	6	3	2
		9	1013.0	–	7.4	0.8	9.2	89	6.3	1	2	4	15	9	0	0	1	0	2	1	7	8	7	3	2	0	1	11	18	1	3	3	3	3	7	9	1	1
		15	1012.3	–	9.7	1.7	9.4	78	6.0	0	5	2	15	9	0	0	0	0	0	0	2	13	8	2	6	0	2	16	13	0	5	3	2	9	4	4	3	1
		21	1012.7	–	6.9	0.7	9.1	90	5.6	3	4	2	13	9	0	0	0	0	0	0	2	9	8	4	8	0	0	1	10	19	1	3	3	4	7	8	0	3	2
Marham	24	3	1011.9	–	6.0	0.5	8.8	92	5.7	1	6	4	8	11	1	0	1	0	0	2	6	10	5	7	0	0	0	8	23	0	3	3	4	6	8	4	2	1
		9	1012.9	-1.6	7.7	0.9	9.3	87	6.0	0	6	2	15	7	1	0	0	1	0	1	4	7	11	4	3	0	0	14	17	0	3	2	5	4	9	7	1	0
		15	1011.9	–	10.8	2.3	9.4	72	5.9	0	7	0	14	10	0	0	0	0	0	0	2	8	7	8	6	0	1	19	11	0	3	3	1	7	6	6	3	2
		21	1012.4	–	7.3	0.8	9.3	89	5.4	2	7	2	9	11	0	0	0	0	1	1	3	7	8	10	1	0	1	7	23	0	3	2	5	6	9	5	0	1
Norwich	15	3	1012.2	–	6.6	0.7	8.9	90	5.8	4	3	1	9	14	0	0	0	1	1	2	3	11	7	6	0	0	0	4	26	1	2	0	7	3	6	4	4	4
Weather Centre (X)		9	1013.2	–	7.7	1.0	9.2	86	6.5	0	2	3	15	10	1	1	0	0	0	1	6	12	5	5	1	0	0	6	25	0	1	2	4	6	5	7	3	3
		15	1012.3	–	10.6	2.3	9.3	71	6.5	0	4	2	11	14	0	0	0	0	0	0	0	10	9	7	5	0	0	4	27	0	3	4	2	2	10	5	3	2
		21	1012.7	–	8.0	1.0	9.3	86	5.2	3	3	8	9	8	0	0	0	0	0	0	4	10	10	6	1	0	0	3	28	0	0	6	4	3	11	3	2	2
Cambridgeshire																																										
Wyton	43	3	1012.0	–	6.2	0.7	8.7	90	6.2	1	3	4	12	11	0	1	0	0	2	0	2	12	5	7	2	0	0	3	27	1	6	1	3	4	6	5	5	0
		9	1012.8	-1.9	7.6	1.0	9.0	85	6.3	0	4	2	18	6	1	0	0	0	2	2	4	8	6	7	2	0	0	8	23	0	4	2	7	2	6	8	2	0
		15	1011.7	–	11.1	2.7	9.0	68	6.2	0	3	5	15	8	0	0	0	0	0	0	2	9	5	8	7	0	0	16	14	1	4	2	3	6	8	3	3	1
		21	1012.4	–	7.7	1.0	9.1	86	5.5	2	5	5	10	9	0	0	0	0	1	1	3	6	10	6	4	0	0	7	24	0	6	3	3	3	9	6	0	1
Suffolk																																										
Honington	51	3	1012.1	–	5.9	0.6	8.6	91	5.8	1	5	3	10	11	1	0	1	0	3	0	5	7	6	9	0	0	0	4	24	3	2	4	4	3	6	5	2	2
		9	1013.0	-1.5	7.7	1.0	9.2	86	5.8	0	4	6	16	5	0	0	0	1	1	2	4	12	6	4	1	0	0	7	24	0	1	3	6	2	8	6	3	2
		15	1012.1	–	10.6	2.6	8.9	69	6.4	0	4	3	13	11	0	0	0	0	0	0	1	8	7	10	5	0	1	14	16	0	1	4	3	8	7	3	1	4
		21	1012.6	–	7.0	0.9	8.9	87	4.8	1	7	8	13	2	0	0	0	0	0	1	6	6	9	8	1	0	0	6	22	3	3	5	2	6	8	3	1	0
Wattisham	91	3	1012.0	–	5.7	0.5	8.6	92	6.0	3	3	1	10	12	2	0	2	1	0	1	7	9	9	1	1	0	0	7	24	0	3	4	4	3	7	5	3	2
		9	1012.9	–	7.5	0.9	9.2	87	6.2	0	4	3	15	8	1	0	2	0	1	0	5	10	9	3	1	0	0	11	20	0	0	5	5	3	8	4	2	4
		15	1012.0	–	10.2	2.3	9.0	72	6.3	1	4	1	15	10	0	0	0	0	0	0	2	6	11	9	3	0	1	18	12	0	3	3	2	6	8	4	2	3
		21	1012.6	–	6.8	0.8	8.8	88	4.7	2	8	6	8	7	0	0	0	0	1	0	4	12	7	5	2	0	2	7	21	1	3	5	5	4	8	2	2	1
Essex																																										
Stansted	102	3	1012.0	–	5.9	0.7	8.4	89	5.8	1	4	4	12	10	0	0	0	0	1	0	5	7	5	11	2	0	0	5	25	1	3	3	4	2	7	4	1	6
		9	1012.8	-2.0	7.2	1.0	8.8	85	6.2	1	2	4	16	7	1	0	1	0	1	2	2	12	6	6	1	0	0	10	21	0	3	3	6	2	6	6	2	3
		15	1011.6	–	10.7	2.8	8.5	66	5.8	0	5	5	15	6	0	0	0	0	0	0	1	8	7	10	5	0	0	16	15	0	3	3	4	5	7	4	2	3
		21	1012.4	–	7.5	1.2	8.7	82	4.8	3	8	3	10	7	0	0	0	0	0	0	2	9	5	10	5	0	1	6	24	0	5	4	2	6	6	4	2	2
4 MIDLAND COUNTIES																																										
West Yorkshire																																										
Leeds	60	3	1011.2	–	6.6	0.9	8.7	87	6.5	0	1	3	18	9	0	0	0	1	1	0	5	6	9	7	2	0	0	3	27	1	2	5	3	2	3	1	6	8
Weather Centre (X)		9	1011.8	–	7.6	1.3	8.6	82	6.6	0	2	3	16	10	0	0	0	0	0	3	4	7	8	6	3	0	0	4	27	0	4	4	4	4	4	1	7	3
		15	1010.9	–	9.9	2.1	9.1	73	7.1	0	0	3	12	16	0	0	0	0	0	1	4	6	9	7	4	0	2	5	24	0	2	3	5	9	3	0	5	4
		21	1011.3	–	8.0	1.1	9.2	85	5.8	1	5	4	10	11	0	0	0	1	0	1	4	7	5	11	2	0	0	3	27	1	2	3	6	4	0	4	6	5
Wilsden	267	3	1011.7	–	4.8	0.4	8.2	94	6.5	0	2	6	9	10	4	0	3	0	1	1	2	8	14	2	0	0	0	5	21	5	0	5	2	4	5	2	7	1
		9	1012.1	–	5.6	0.5	8.5	92	6.6	0	3	4	7	12	5	0	2	2	1	3	5	3	11	4	0	0	0	6	22	3	1	4	5	2	5	4	5	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1011.6	–	5.7	0.4	8.7	93	5.5	1	7	3	6	11	3	2	1	0	1	3	2	9	8	5	0	0	0	0	7	21	3	1	1	6	4	5	4	7	0
South Yorkshire																																										
Finningley	15	3	1011.5	–	6.0	0.6	8.6	91	6.6	0	2	1	18	9	1	1	0	1	0	3	4	7	8	6	1	0	0	4	25	2	6	3	1	3	6	4	4	2
		9	1012.1	-2.0	7.8	1.1	9.1	85	6.7	0	2	2	17	10	0	0	0	0	3	1	4	4	12	4	3	0	0	6	23	2	3	4	2	6	7	3	2	2
		15	1011.1	–	10.3	2.3	9.1	72	6.6	0	0	6	11	14	0	0	0	0	1	1	2	6	7	8	6	0	2	11	18	0	5	4	2	5	10	0	4	1
		21	1011.7	–	7.2	0.7	9.3	90	6.0	2	2	4	14	9	0	0	2	0	0	2	3	8	9	4	3	0	1	2	27	1	2	3	1	6	8	3	7	0
Nottinghamshire																																										
Nottingham	119	3	1011.8	–	5.7	0.6	8.4	90	6.6	0	0	7	14	9	1	0	1	0	1	1	4	11	5	7	1	0	0	6	25	0	3	5	3	0	6	5	6	3
Weather Centre (X)		9	1012.4	-2.0	7.1	1.1	8.7	84	6.6	0	3	2	15	10	1	0	0	1	2	1	6	6	8	5	2	0	0	11	20	0	4	5	3	1	8	5	4	1
		15	1011.3	–	9.9	2.3	8.6	71	6.4	0	4	2	14	11	0	0	0	0	1	1	1	7	7	7	7	0	2	10	18	1	2	3	2	5	6	4	4	4
		21	1012.1	–	7.2	0.9	8.9	87	6.1	1	4	2	12	12	0	0	0	0	1	0	3	13	6	5	3	0	0	7	24	0	2	6	3	2	6	5	5	2
Staffordshire																																										
Cellarhead	228	3	1011.8	–	5.3	0.6	8.2	91	6.6	1	1	5	4	18	2	0	0	0	0	2	0	7	11	11	0	0	0	0	4	23	4	1	1	6	4	6	3	4	2
		9	–	–	6.2	0.8	8.5	88	7.0	0	0	5	7	17	2	0	0	2	0	4	7	10	8	0	0	0	0	1	5	24	1	1	1	7	6	6	3	2	4
		15	1011.0	–	8.9	2.0	8.5	74	6.9	0	0	7	8	15	1	0	0	0	1	1	7	11	11	0	0	0	0	0	11	20	0	2	1	4	9	6	2	4	3
		21	1011.8	–	6.4	0.9	8.5	86	6.4	1	3	6	4	15	2	0	0	0	2	1	5	12	11	0	0	0	0	0	9	19	3	0	3	4	5	7	2	3	4
Shropshire																																										
Shawbury	76	3	1011.5	–	5.6	0.7	8.4	90	6.7	0	4	1	9	17	0	0	0	0	0	0	4	5	7	6	9	0	0	0	5	21	5	3	2	2	4	3	4	5	3
		9	1011.9	-2.4	7.4	1.1	8.9	84	7.1	0	0	3	15	13	0	0	0	0	0	0	5	4	7	7	7	1	0	0	6	25	0	5	0	5	5	8	3	4	1
		15	1010.7	–	10.4	2.5	8.8	69	6.5	0	2	5	13	11	0	0	0	0	0	0	1	1	7	7	11	4	0	1	16	14	0	4	1	5	6	8	0	5	2
		21	1011.7	–	6.9	1.0	8.7	85	5.6	1	4	7	9	10	0	0	1	0	0	2	3	3	10	9	3	0	1	5	22	3	3	2	5	4	5	1	5	3
West Midlands																																										
Elmdon	99	3	1011.8	–	6.1	0.8	8.4	88	6.8	1	0	4	13	13	0	0	0	0	0	1	1	5	8	11	5	0	0	0	2	28	1	3	6	1	3	7	4	5	1
		9	1012.3	-2.2	7.5	1.1	8.9	84	7.0	0	2	0	18	11	0	0	0	0	0	3	2	14	9	1	2	0	0	5	26	0	2	3	3	3	10	5	2	3
		15	1011.2	–	10.3	2.4	8.8	70	6.6	0	2	3	16	10	0	0	0	0	0	0	0	11	11	6	3	0	0	12	19	0	3	3	4	1	11	3	3	3
		21	1012.0	–	7.4	1.2	8.7	83	5.4	0	6	7	10	8	0	0	0	0	1	0	3	8	14	4	1	0	0	7	24	0	0	4	3	3	7	5	3	6
Hereford & Worcester																																										
Great Malvern	46	9	1012.0	–	8.0	0.9	9.5	88	7.2	0	2	2	8	18	1	0	0	1	0	1	8	6	11	4	0	0	0	0	2	26	3	5	5	4	2	8	1	2	1
		15	1010.9	–	11.1	1.9	10.2	77	6.7	0	1	5	12	13	0	0	0	0	0	0	3	2	17	8	1	0	0	5	26	0	4	5	2	4	7	4	3	2
		21	1011.9	–	7.8	0.9	9.4	87	5.7	0	7	4	9	11	0	0	0	0	0	0	2	4	16	9	0	0	0	0	4	27	0	2	4	2	4	8	2	4	5

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Wind speed and direction: Beaufort force: 6-7	Wind speed and direction: Beaufort force: 4-5	Wind speed and direction: Beaufort force: 1-3	Wind speed and direction: Beaufort force: Calm	Wind speed and direction: Speed (kn): 34 or more	Wind speed and direction: Speed (kn): 22-33	Wind speed and direction: Speed (kn): 11-21	Wind speed and direction: Speed (kn): 1-10	Wind speed and direction: Speed (kn): 0	Wind speed and direction: N	Wind speed and direction: NE	Wind speed and direction: E	Wind speed and direction: SE	Wind speed and direction: S	Wind speed and direction: SW	Wind speed and direction: W	Wind speed and direction: NW
										Number of observations																																
4 MIDLAND COUNTIES - Continued																																										
Hereford & Worcester - Continued																																										
Madley	79	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	1012.1	—	7.6	1.0	9.1	86	6.5	3	2	0	6	20	0	0	0	0	1	0	7	10	9	4	0	0	0	5	17	9	2	5	0	3	8	2	1	1
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1012.0	—	7.4	1.0	9.0	86	4.4	12	1	2	2	14	0	0	0	0	0	0	2	9	11	9	0	0	0	7	11	13	2	3	1	1	6	4	0	1
Oxfordshire																																									
Brize Norton	92	3	1011.8	—	6.0	0.7	8.6	89	5.7	3	5	0	12	11	0	0	0	0	0	0	5	6	9	11	0	0	0	5	26	0	0	9	2	1	6	3	5	5
		9	1012.4	—	7.4	1.0	9.0	86	6.5	0	4	2	9	16	0	0	0	0	0	3	4	10	9	3	2	0	0	5	26	0	3	5	3	4	6	5	4	1
		15	1011.3	—	10.9	2.6	9.0	69	6.5	0	3	5	10	13	0	0	0	0	0	0	1	7	10	9	4	0	0	7	24	0	4	3	3	4	8	5	3	1
		21	1012.2	—	7.6	1.1	8.9	84	5.1	1	8	3	12	7	0	0	0	0	0	0	2	7	8	13	1	0	0	6	22	3	3	8	1	1	5	5	2	3
5 ENGLAND SE & CENT. S																																										
Greater London																																										
Heathrow	26	3	1011.8	—	7.1	0.9	8.9	86	5.7	2	5	2	14	8	0	0	0	0	0	0	2	11	8	9	1	0	0	3	27	1	4	3	4	1	9	3	2	4
		9	1012.6	-2.3	8.2	1.2	9.3	84	6.6	0	3	3	10	15	0	0	0	0	0	0	6	8	10	5	2	0	0	6	24	1	4	3	3	3	9	4	2	2
		15	1011.6	—	11.8	2.9	9.2	67	6.1	0	4	5	11	11	0	0	0	0	0	0	0	7	6	8	10	0	0	12	19	0	1	7	1	5	8	3	4	2
		21	1012.3	—	9.0	1.5	9.3	80	5.4	3	2	6	15	5	0	0	0	0	0	0	0	9	10	8	4	0	0	4	26	1	3	8	2	3	8	2	3	1
London	24	3	1011.8	—	8.3	1.3	9.1	82	5.4	2	4	4	15	6	0	0	0	0	0	0	2	9	8	11	1	0	0	7	24	0	6	5	5	0	6	4	5	0
Weather Centre	(X)	9	1012.7	—	8.9	1.5	9.3	80	6.4	0	4	2	15	10	0	0	0	0	0	1	0	13	11	4	2	0	0	8	23	0	1	5	4	3	7	6	4	1
		15	1011.6	—	12.0	3.0	9.2	65	6.0	1	2	6	14	8	0	0	0	0	0	0	0	2	14	7	8	0	0	16	15	0	3	5	3	2	9	6	3	0
		21	1012.4	—	9.8	1.8	9.5	77	5.7	4	0	5	17	5	0	0	0	0	0	0	0	6	16	6	3	0	1	9	21	0	3	6	5	3	5	6	2	1
Wiltshire																																										
Lyneham	149	3	1011.7	—	5.9	0.6	8.6	91	6.0	2	4	3	7	15	0	0	0	0	1	3	7	3	9	6	2	0	0	10	20	1	3	5	3	2	8	6	1	2
		9	1012.2	-2.7	6.8	0.7	9.0	89	6.7	0	1	7	7	16	0	0	0	0	2	3	8	6	8	3	1	0	0	11	20	0	3	4	4	4	8	5	2	1
		15	1011.1	—	10.3	2.1	9.3	74	6.5	0	2	6	10	13	0	0	0	0	0	0	1	7	9	12	2	0	1	15	15	0	1	6	2	4	8	3	5	2
		21	1012.3	—	7.0	0.9	8.8	86	5.5	1	3	10	5	12	0	0	0	0	0	0	5	9	6	8	3	0	1	8	22	0	3	5	3	3	7	4	3	3
Berkshire																																										
Easthampstead	75	9	1012.9	—	7.3	0.9	9.0	87	6.5	1	3	2	10	15	0	0	1	0	0	4	1	9	6	10	0	0	0	0	28	3	1	4	4	3	8	5	1	2
		15	1011.8	—	11.1	2.6	9.1	69	6.1	0	3	7	8	13	0	0	0	0	0	0	0	6	3	19	3	0	0	1	30	0	4	3	5	3	9	4	2	1
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kent																																										
Langdon Bay	121	3	1012.3	—	6.6	0.5	9.2	93	5.1	8	1	4	3	11	4	3	2	0	0	0	2	10	8	6	0	0	4	12	10	5	7	1	3	1	5	7	0	2
		9	1013.4	—	7.5	0.6	9.6	92	6.3	2	0	6	10	8	5	3	2	0	0	0	4	16	4	2	0	0	2	15	11	3	4	5	3	3	3	9	1	0
		15	1012.5	—	9.1	1.1	9.9	86	5.8	2	4	4	8	8	5	4	0	0	1	1	3	10	7	5	0	1	1	14	12	3	1	9	2	1	4	10	1	0
		21	1012.9	—	7.5	0.6	9.5	92	4.9	8	1	5	3	12	2	2	0	1	0	0	0	11	8	9	0	0	5	14	8	4	4	4	4	1	3	9	2	0
Manston	45	3	1012.4	—	6.7	0.6	9.0	91	5.5	5	2	5	5	13	1	0	1	0	1	1	7	6	10	5	0	0	0	7	24	0	3	3	4	4	7	5	2	3
		9	1013.5	—	8.0	0.9	9.4	87	6.1	2	3	2	16	8	0	0	0	0	1	0	4	16	8	2	0	0	0	11	20	0	1	4	6	3	6	6	2	3
		15	1012.5	—	10.3	1.9	9.6	76	5.7	2	4	3	14	8	0	0	0	0	0	0	4	8	10	6	3	0	1	15	15	0	5	4	3	5	7	4	2	1
		21	1013.1	—	7.6	0.8	9.4	89	5.4	1	5	6	12	7	0	0	0	0	0	1	4	15	6	4	1	0	0	10	21	0	4	3	4	5	10	5	0	0
Ulcombe	47	9	1013.2	—	7.7	0.8	9.4	89	6.4	2	3	1	10	13	2	0	1	0	1	0	7	21	1	0	0	0	0	7	22	2	4	3	6	4	6	3	3	0
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hampshire																																										
Solent	9	3	1012.1	—	6.8	0.8	8.9	88	5.0	7	3	4	2	15	0	0	0	0	0	0	3	8	10	10	0	0	2	10	16	3	5	5	5	1	4	6	2	0
M R S C		9	1012.7	—	7.7	1.0	9.1	86	6.0	3	1	4	8	15	0	0	0	0	0	0	3	11	12	5	0	0	0	13	14	4	3	6	2	6	4	4	1	1
		15	1011.9	—	10.6	2.3	9.2	73	6.1	2	2	3	12	12	0	0	0	0	0	1	1	8	15	6	0	0	1	18	11	1	2	5	3	6	4	6	3	1
		21	1012.6	—	8.5	1.2	9.3	83	5.0	4	4	7	4	11	1	0	0	0	1	0	2	6	12	10	0	0	2	12	16	1	3	7	4	2	5	7	2	0
Southampton	9	3	1011.9	—	7.1	0.9	8.9	86	4.8	5	7	2	5	12	0	0	0	0	0	0	5	9	10	7	0	0	0	0	29	2	2	4	3	2	7	1	4	6
Weather Centre	(X)	9	1012.6	—	8.1	1.2	9.1	83	5.9	1	5	3	10	12	0	0	0	0	0	3	4	10	6	8	0	0	0	3	28	0	3	5	2	5	7	2	5	2
		15	1011.6	—	11.2	2.5	9.3	70	5.9	1	5	3	11	11	0	0	0	0	0	0	4	12	5	10	0	0	0	2	29	0	1	6	4	5	5	5	4	1
		21	1012.5	—	9.2	1.5	9.4	80	5.5	2	3	6	10	10	0	0	0	0	0	0	4	11	7	9	0	0	0	2	29	0	1	6	4	2	7	2	5	4
Isle of Wight																																										
St Catherine's	16	3	—	—	6.9	0.9	8.8	87	5.2	5	3	5	4	11	3	0	1	0	2	0	1	3	5	16	3	0	1	11	16	3	5	4	7	0	2	1	9	0
Point		9	—	—	7.6	1.0	9.0	86	5.9	1	5	3	11	9	2	0	2	0	0	1	1	5	9	13	0	0	0	13	16	2	3	4	10	0	2	2	7	1
		15	—	—	9.1	1.3	9.5	83	5.9	1	2	9	5	12	2	1	0	0	1	1	0	6	12	9	1	0	0	17	12	2	1	2	11	0	4	0	11	0
		21	—	—	8.0	1.2	8.9	83	5.4	4	4	5	4	13	1	0	1	0	0	1	0	6	6	15	2	0	1	12	14	4	4	1	10	1	0	3	7	1
Wellow	25	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Sussex																																										
Gatwick	64	3	1012.3	—	6.3	0.7	8.7	89	5.5	4	3	3	10	11	0	0	0	1	0	1	8	9	5	7	0	0	0	2	25	4	4	6	0	3	6	4	2	2
		9	1013.0	-2.1	7.7	1.0	9.2	86	6.6	1	2	3	12	13	0	0	0	0	2	2	2	19	3	3	0	0	0	3	27	1	4	5	4	3	8	5	0	1
		15	1012.0	—	11.1	2.7	8.9	68	6.0	0	4	6	12	9	0	0	0	0	0	0	1	11	6	10	3	0	1	7	23	0	4	5	3	4	6	6	2	1
		21	1012.7	—	8.1	1.1	9.2	84	5.6	2	4	4	13	8	0	0	0	0	0	0	2	17	7	5	0	0	0	5	25	1	3	5	4	3	6	6	1	2
East Sussex																																										
Herstmonceux	25	3	1012.4	—	6.1	0.6	8.8	91	5.5	3	3	6	7	12	0	0	2	0	0	1	4	8	8	8	0	0	0	6	21	4	0	7	3	2	5	4	5	1
		9	1013.3	—	8.0	1.0	9.3	86	6.2	2	2	4	10	13	0	0	0	0	0	0	8	11	7	4	1	0	0	8	23	0	1	6	6	3	4	5	5	1
		15	1012.4	—	10.2	1.9	9.5	76	6.2	1	4	2	11	13	0	0	0	0	0	0	2	9	8	11	1	0	1	14	16	0	1	6	2	9	3	5	5	0
		21	1013.1	—	7.5	0.9	9.2	88	5.5	2	6	3	8	10	2	0	0	1	1	0	3	8	11	7	0	0	1	8	22	0	1	10	2	3	3	4	5	3
7A ENGLAND NW & I.o.M.																																										
Cumbria																																										
Aspatria	64	9	1011.1	—	6.5	0.9	8.6	87	6.5	1	2	2	15	10	1	0	2	0	0	0	2	8	7	7	5	0	0	10	18	3	2	4	6	3	1	8	3	1
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1010.6	—	6.8	0.7	9.0	90	6.2	0	4	4	10	12	1	0	0	1	1	0	2	9	4	10	4	0	1	7	17	6	1	4	4	0	4	6	6	0
Eskmeals	9	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount (Oktas): Mean	Cloud amount (Oktas): 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
7A ENGLAND NW & I.o.M. - Continued																																												
Lancashire																																											
Aughton	56	3	1011.0	–	6.3	0.7	8.7	90	6.1	0	4	3	14	10	0	0	0	0	0	0	2	3	9	13	4	0	0	6	24	1	2	3	7	5	4	2	5	2					
		9	1011.4	–	7.4	0.9	9.0	86	6.7	0	1	4	15	11	0	0	0	0	1	2	2	5	5	13	3	0	0	6	23	2	2	2	4	9	4	3	4	1					
		15	1010.5	–	9.6	1.7	9.4	78	6.3	0	4	4	10	13	0	0	0	0	0	1	0	7	6	13	4	0	0	13	18	0	0	1	5	10	3	2	5	5					
		21	1011.1	–	7.6	0.9	9.2	87	6.1	0	3	7	10	11	0	0	0	0	0	0	1	6	6	14	4	0	0	6	23	2	1	4	5	7	4	2	5	1					
Squires Gate	11	9	1011.4	-2.3	7.5	1.1	8.9	85	7.0	0	1	0	21	9	0	0	0	0	0	2	7	6	8	7	1	0	1	17	12	1	1	4	6	9	2	2	4	2					
		15	1010.6	–	9.5	1.7	9.3	78	6.4	0	5	1	14	11	0	0	0	0	0	0	5	9	6	7	4	0	2	16	13	0	1	0	6	10	1	3	7	3					
Merseyside																																											
Crosby	9	3	1010.8	–	6.3	0.7	8.6	89	5.8	2	2	6	11	9	1	0	0	0	1	0	3	4	3	17	3	0	1	6	19	5	0	3	4	7	2	3	5	2					
		9	1011.1	–	7.4	1.0	8.9	85	7.0	0	0	4	13	14	0	0	0	0	1	3	4	5	6	10	2	0	1	9	19	2	2	4	4	5	7	3	4	0					
		15	1010.3	–	9.8	1.9	9.3	76	6.6	0	4	2	6	19	0	0	0	0	0	2	5	5	8	10	1	0	0	15	15	1	0	2	4	6	7	1	5	5					
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greater Manchester																																											
Ringway	84	3	1011.3	–	6.3	0.8	8.5	88	6.5	0	2	4	15	10	0	0	0	0	0	2	8	7	9	5	0	0	1	7	22	1	2	4	3	2	12	5	0	2					
		9	1011.7	-2.3	7.6	1.2	8.7	82	6.6	0	3	2	15	10	1	0	1	0	0	0	6	5	13	5	1	0	0	7	24	0	0	5	3	5	8	4	3	3					
		15	1010.8	–	9.9	2.3	8.8	72	6.6	0	2	4	12	13	0	0	0	0	0	1	1	4	13	9	3	0	0	15	16	0	2	4	2	6	6	4	4	3					
		21	1011.4	–	7.7	1.2	8.9	84	6.0	0	4	5	14	8	0	0	0	0	0	0	6	9	8	6	2	0	1	8	22	0	1	5	5	4	8	3	3	2					
Isle of Man																																											
Calf of Man	93	3	–	–	–	–	–	–	5.7	1	7	4	1	14	4	0	1	3	0	0	1	1	4	13	8	0	2	11	18	0	2	2	7	3	11	2	2	2					
		9	–	–	–	–	–	–	6.4	0	3	3	14	8	3	1	1	1	1	0	1	2	4	12	8	0	3	13	15	0	2	3	7	4	7	3	3	2					
		15	–	–	–	–	–	–	6.5	0	2	5	9	12	3	0	0	2	2	0	0	5	5	10	7	1	2	12	16	0	5	3	9	4	7	0	3	0					
		21	–	–	–	–	–	–	6.1	0	5	4	6	12	4	0	3	0	1	0	1	3	5	12	6	0	3	9	18	1	2	1	10	2	7	4	3	1					
Point of Ayre	11	3	1009.9	–	6.5	0.5	9.0	92	5.1	5	5	2	6	11	2	1	1	0	0	0	0	1	8	11	9	0	1	11	16	3	3	5	3	4	3	7	2	1					
		9	1010.4	-2.5	7.0	0.7	9.0	90	6.7	0	3	2	8	17	1	0	1	0	0	2	0	3	6	15	4	0	2	15	12	2	1	6	2	4	6	2	5	3					
		15	1009.7	–	8.3	1.0	9.6	87	6.5	0	5	1	9	15	1	0	0	0	1	2	0	4	9	12	3	0	5	9	15	2	0	4	4	6	3	2	7	3					
		21	1009.9	–	6.8	0.5	9.2	92	5.5	2	4	6	4	13	2	0	1	1	0	0	0	5	7	8	9	0	1	10	14	6	1	3	3	3	5	5	2	3					
Ronaldsway	21	3	1010.1	–	6.2	0.7	8.7	90	5.7	2	5	3	6	15	0	0	0	0	0	1	3	6	9	6	6	0	1	14	16	0	2	7	5	2	5	4	3	3					
		9	1010.6	-2.5	7.2	1.0	8.8	86	6.6	0	4	0	16	10	1	0	1	0	2	1	0	7	10	5	5	0	1	15	15	0	2	5	7	3	4	4	4	2					
		15	1009.8	–	8.4	1.3	9.1	82	6.5	0	3	3	13	11	1	0	0	1	0	2	2	8	9	3	6	0	2	15	13	1	1	6	7	3	3	4	4	2					
		21	1010.2	–	6.7	0.7	8.9	89	5.9	1	6	1	10	10	3	0	0	2	2	2	0	8	6	9	2	0	1	11	14	5	3	5	4	2	3	4	1	4					
7B WALES N																																											
Gwynedd																																											
Nantmor	52	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Valley	11	3	1010.2	–	6.6	0.6	9.0	91	6.2	2	2	5	9	12	1	0	0	1	2	0	4	5	7	9	3	0	3	8	18	2	2	5	6	0	9	5	0	2					
		9	1010.5	-2.8	7.7	1.0	9.2	86	6.4	1	2	2	15	11	0	0	0	1	0	1	3	11	5	4	6	0	2	13	15	1	2	5	4	3	9	5	0	2					
		15	1009.8	–	9.4	1.5	9.6	81	6.4	1	3	2	15	10	0	0	0	0	0	1	3	8	8	3	8	0	2	14	15	0	3	5	1	2	8	7	3	2					
		21	1010.5	–	7.5	0.8	9.3	89	5.1	0	8	6	8	9	0	0	0	0	0	1	1	2	11	4	7	5	0	3	10	15	3	2	3	5	2	10	3	1	2					
Clwyd																																											
Moel-y-Crio	263	9	1011.6	–	5.9	0.5	8.7	92	7.0	0	0	4	12	15	0	2	2	1	0	0	3	4	12	7	0	0	1	9	20	1	1	0	7	0	11	3	2	6					
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1011.5	–	6.0	0.5	8.7	91	5.8	1	2	11	2	15	0	0	1	1	2	0	0	6	11	7	3	1	1	8	20	1	3	0	4	2	9	6	3	3					
8A WALES S																																											
Dyfed																																											
Aberporth	134	3	1010.4	–	6.5	0.8	8.7	88	6.0	3	1	4	9	13	1	0	0	0	1	0	3	10	9	5	3	0	2	16	13	0	2	2	5	7	9	4	1	1					
		9	1010.4	-3.3	7.3	0.9	9.1	88	6.7	0	2	4	10	14	1	1	0	0	2	0	1	10	10	6	1	1	3	13	13	1	3	4	5	7	5	4	2	0					
		15	1009.9	–	9.0	1.4	9.4	81	6.0	0	5	4	12	10	0	0	0	0	1	1	1	9	11	5	3	0	4	20	7	0	1	5	2	4	7	4	3	5					
		21	1010.9	–	7.4	0.9	9.0	86	5.5	0	6	8	6	10	1	0	0	1	0	0	1	10	9	3	7	0	4	10	17	0	1	2	6	6	8	2	2	4					
Brawdy	116	3	1010.4	–	5.8	0.3	8.9	95	6.8	1	1	4	8	16	1	0	2	4	5	2	0	7	5	3	3	0	0	14	17	0	5	4	5	4	6	4	3	0					
		9	1010.5	–	7.2	0.6	9.3	91	6.6	0	3	2	12	13	1	0	2	0	2	2	2	7	9	6	1	0	2	14	15	0	2	4	5	4	8	3	3	2					
		15	1009.8	–	9.0	1.3	9.5	83	6.1	0	4	4	10	12	1	1	2	1	2	0	2	6	8	5	4	0	3	20	8	0	8	3	3	3	5	7	1	1					
		21	1010.9	–	6.5	0.5	9.1	93	5.8	0	7	3	8	13	0	0	1	0	3	1	4	6	6	5	5	0	1	9	21	0	2	7	4	6	4	3	4	1					
Milford Haven	39	3	1010.6	–	6.7	0.5	9.2	93	5.8	4	0	7	3	16	1	0	0	0	1	1	1	13	4	11	0	0	0	13	15	3	5	5	5	3	3	5	1	1					
		9	1010.8	-3.2	7.4	0.5	9.6	92	6.4	1	2	6	6	15	1	0	1	0	0	0	5	14	7	4	0	0	2	11	16	2	3	5	7	3	6	2	3	0					
		15	1010.2	–	9.7	1.5	9.8	82	5.9	0	3	9	7	10	2	0	0	3	0	0	1	12	7	8	0	0	3	11	17	0	3	3	6	1	5	8	4	1					
		21	1011.1	–	7.9	0.7	9.6	90	5.3	5	4	3	5	13	1	0	1	0	0	0	2	10	10	8	0	0	3	10	15	3	3	6	6	2	3	5	3	0					
West Glamorgan																																											
Mumbles Head	32	3	1010.9	–	6.7	0.6	9.0	91	6.5	2	1	4	4	17	3	0	0	1	2	0	0	7	9	12	0	0	2	15	11	3	3	5	7	2	5	2	2	2					
		9	1011.3	-4.1	7.3	0.8	9.1	89	6.4	0	5	2	5	17	2	1	0	1	1	1	0	13	10	4	0	0	2	14	13	2	3	5	10	1	4	3	2	1					
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1011.4	–	7.7	0.9	9.2	88	5.6	1	4	8	3	15	0	0	0	0	0	0	0	4	11	16	0	0	2	15	11	3	3	6	4	2	3	4	5	1					
Mid Glamorgan																																											
Cwmbargoed	372	9	–	–	6.2	0.6	8.7	91	6.5	1	3	3	6	11	7	3	0	3	3	2	1	9	2	8	0	0	0	0	12	13	6	3	3	3	5	5	1	3	2				
South Glamorgan																																											
Rhoose	74	3	1011.3	–	6.2	0.6	8.7	90	5.7	1	4	6	9	11	0	0	0	0	0	2	1	2	9	9	7	1	0	0	8	22	1	1	8	5	2	4	0	8	2				
		9	1011.7	-2.8	7.3	0.8	9.1	88	6.8	0	2	3	12	14	0	0	1	0	2	2	4	6	8	7	1	0	0	14	16	1	1	7	6	5	3	1	4	3					
		15	1010.8	–	9.9	1.9	9.3	77	6.0	0	4	4	16	7	0	0	0	0	1	0	0	6	10	8	6	0	2	16	13	0	1	3	9	3	2	3	9	1					
		21	1011.9	–	7.5	1.0	9.0	85	5.9	0	4	6	10	11	0	0	0	0	1	0	3	4	13	9	1	0	1	11	18	1	3	5	6	2	4	3	6	1					
8B ENGLAND SW																																											
Avon																																											
Bristol	40	3	1011.5	–	7.4	1.1	8.8	83	6.3	1	2	6	9	13	0	0	0	0	0	0	1	2	13	11	4	0	0	0	2	20	9	0	5	4	2	5	3	3	0				
Weather Centre (X)		9	1012.1	-2.6	8.3	1.4	8.9	80	6.3	0	4	4	9	14	0	0	0	0	0	0	0	5	11	12	3	0	0	0	4	24	3	2	2	3	6	7	3	4	1				
		15	1011.0	–	11.2	2.7	9.0	68	5.9	0	3	7	11	10	0	0	0	0	0	0	0	0	8	16	5	2	0	0	9	20	2	1	4	5	3	5	3	6	2				
		21	1012.1	–	8.9	1.6	9.1	78	6.1	1	2	6	12	10	0	0	0	0	0	0	0	4	9	10	8	0	0	0	5	21	5	2	3	5	2	4	7	2	1				

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: Number of observations: 0 - 39 m	Visibility: Number of observations: 40 - 190 m	Visibility: Number of observations: 200 - 390 m	Visibility: Number of observations: 400 - 990 m	Visibility: Number of observations: 1000 - 1900 m	Visibility: Number of observations: 2000 - 3900 m	Visibility: Number of observations: 4 - 9 km	Visibility: Number of observations: 10 - 19 km	Visibility: Number of observations: 20 - 39 km	Visibility: Number of observations: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Wind speed and direction: Beaufort force: 6-7	Wind speed and direction: Beaufort force: 4-5	Wind speed and direction: Beaufort force: 1-3	Wind speed and direction: Beaufort force: Calm	Wind speed and direction: Speed (kn): 34 or more	Wind speed and direction: Speed (kn): 22-33	Wind speed and direction: Speed (kn): 11-21	Wind speed and direction: Speed (kn): 1-10	Wind speed and direction: Speed (kn): 0	Wind speed and direction: Number of observations: N	NE	E	SE	S	SW	W	NW
8B ENGLAND SW - Continued																																											
Somerset																																											
Tivington	83	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1011.7	–	7.7	0.9	9.3	87	6.5	0	2	4	14	11	0	0	0	0	1	1	6	9	7	7	0	0	0	5	26	0	2	0	8	3	4	9	3	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1012.0	–	7.7	1.0	9.1	85	4.9	0	9	8	7	7	0	0	0	0	0	0	4	7	9	10	1	0	1	3	26	1	1	1	9	4	2	6	4	3
Yeovilton	23	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dorset																																										
Hurn	11	3	1011.9	–	5.6	0.5	8.6	92	5.3	5	4	3	7	12	0	0	0	0	1	1	6	8	7	8	0	0	0	8	22	1	6	3	2	3	7	5	1	3
		9	1012.4	-2.9	7.8	0.8	9.5	88	6.2	1	3	3	11	13	0	0	0	0	0	3	5	13	6	4	0	0	0	9	22	0	3	4	4	6	5	5	0	4
		15	1011.5	–	10.8	2.1	9.7	75	6.3	0	3	5	10	13	0	0	0	0	0	1	1	14	6	7	2	0	0	16	15	0	5	4	3	6	4	7	0	2
		21	1012.4	–	7.6	0.9	9.3	88	5.1	4	5	7	3	12	0	0	0	0	0	1	2	14	5	9	0	0	0	8	22	1	6	4	2	2	5	5	5	1
Portland	54	9	1012.3	–	7.7	1.0	9.2	86	6.4	2	0	7	6	13	3	3	0	0	1	2	3	8	9	5	0	0	2	14	15	0	3	7	2	8	5	4	1	1
Bill C.G.		15	1011.6	–	9.3	1.3	9.7	83	5.2	1	7	6	7	9	1	0	0	0	1	0	3	13	8	6	0	0	1	13	16	1	0	3	8	3	6	2	8	0
Devon																																										
Exeter	38	3	1011.3	–	6.5	0.7	8.9	90	6.0	3	3	3	6	15	1	0	1	0	0	1	1	13	6	9	0	0	0	4	23	4	6	4	3	2	7	3	0	2
		9	1011.5	-3.3	7.7	0.9	9.3	87	6.8	0	2	3	11	15	0	0	0	1	1	2	0	0	9	10	7	1	0	0	12	19	0	7	4	2	5	7	3	0	3
		15	1010.8	–	11.1	2.4	9.4	71	5.9	0	4	7	12	8	0	0	0	0	0	0	3	6	11	5	6	0	1	16	14	0	3	4	3	5	6	3	2	5
		21	1012.0	–	7.9	1.0	9.3	86	5.8	2	3	4	14	8	0	0	0	0	0	0	1	10	9	10	1	0	0	7	23	1	3	6	2	2	10	1	2	4
Lundy	43	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mount Batten	28	3	–	–	–	–	–	–	5.8	3	3	3	9	13	0	0	0	0	2	1	2	10	11	5	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	6.0	0	6	2	15	8	0	0	0	0	1	0	1	14	7	7	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cornwall																																										
Camborne	88	3	1010.5	–	7.2	0.5	9.5	92	5.5	2	4	7	4	12	2	1	0	1	1	1	2	9	6	7	3	0	1	15	14	1	3	5	5	4	5	6	1	1
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	1010.3	–	9.6	1.2	10.2	85	6.0	0	4	6	11	10	0	0	0	0	3	1	1	13	5	2	6	0	3	19	9	0	7	0	6	2	6	3	4	3
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Culdrose	84	3	1010.5	–	7.4	0.6	9.5	90	5.2	2	6	6	3	14	0	0	1	0	2	2	3	12	3	8	0	0	2	13	16	0	4	5	5	3	5	4	4	1
		9	1010.7	–	8.2	0.8	9.7	89	6.3	0	2	8	7	14	0	0	1	1	1	2	3	10	7	5	1	0	0	19	12	0	2	7	6	0	8	3	4	1
		15	1010.4	–	10.0	1.4	10.1	82	5.9	0	3	10	6	12	0	1	0	1	0	3	2	10	4	10	0	0	4	16	11	0	5	2	6	3	4	3	7	1
		21	1011.4	–	8.0	0.7	9.7	89	5.8	1	4	6	7	13	0	0	0	1	2	0	5	13	4	6	0	0	3	13	15	0	2	5	7	1	4	5	6	1
Gwennap Head	70	3	1010.3	–	7.5	0.6	9.5	91	5.6	2	6	3	4	11	5	4	1	0	0	0	0	8	4	10	4	0	6	21	4	0	7	4	3	2	9	5	1	0
		9	1010.7	–	8.3	0.8	9.8	88	6.6	1	2	3	8	13	4	1	1	0	2	1	1	12	5	7	1	0	6	20	5	0	7	4	3	2	6	7	0	2
		15	1010.4	–	9.3	1.1	10.0	85	6.1	0	3	6	7	11	4	2	0	1	0	2	0	11	6	6	3	0	5	17	9	0	4	2	6	2	6	7	2	2
		21	1011.2	–	8.0	0.7	9.7	90	5.8	2	4	4	6	12	3	2	0	1	0	0	0	9	9	8	2	0	5	19	7	0	5	5	4	1	6	7	2	1
St Mawgan	107	3	1010.5	–	7.0	0.6	9.3	91	5.9	1	2	10	3	14	1	0	1	1	2	0	2	10	3	12	0	0	1	12	16	2	2	5	5	4	6	5	2	0
		9	1010.7	-3.7	8.2	0.8	9.7	88	6.4	0	3	4	10	13	1	1	0	0	0	1	4	14	2	5	4	0	1	18	12	0	4	4	5	3	9	3	1	2
		15	1010.2	–	10.1	1.6	9.9	80	6.0	0	3	8	7	13	0	0	0	0	2	0	2	10	6	4	7	0	2	21	8	0	7	1	3	6	4	7	1	2
		21	1011.3	–	8.0	0.8	9.6	88	6.3	1	4	1	13	12	0	0	0	1	1	0	2	9	5	11	2	0	2	13	15	1	3	5	3	5	7	3	3	1
CHANNEL ISLANDS																																										
Channel Islands																																									
Guernsey Airport	107	3	1011.2	–	7.4	0.7	9.4	90	5.4	4	4	4	7	11	1	1	3	0	0	1	3	4	8	8	3	0	0	16	15	0	3	4	6	4	5	7	1	1
		9	1011.6	–	8.1	0.8	9.7	89	6.3	0	3	4	13	10	1	2	2	1	1	1	1	7	8	6	2	0	2	16	13	0	4	7	1	6	5	5	3	0
		15	1011.2	–	9.7	1.5	9.7	81	5.5	0	7	5	10	9	0	0	1	0	0	0	0	10	9	7	4	0	2	17	12	0	4	5	2	6	6	3	4	1
		21	1012.3	–	8.1	0.8	9.6	88	4.8	3	7	6	3	12	0	0	1	1	1	0	3	9	4	12	0	0	0	17	14	0	2	6	4	3	5	5	4	2
Jersey Airport	94	3	1011.5	–	7.5	0.7	9.4	89	5.2	5	4	3	8	11	0	0	0	0	2	2	4	5	8	9	1	0	0	19	12	0	3	6	5	5	6	4	1	1
		9	1011.9	-3.2	8.5	0.8	9.9	88	6.4	0	4	3	13	11	0	0	1	1	1	4	3	5	5	9	2	0	1	17	13	0	3	6	5	5	6	3	3	0
		15	1011.5	–	10.4	1.7	10.0	79	5.4	1	4	6	13	7	0	0	1	0	0	0	0	7	7	15	1	0	1	23	7	0	4	4	5	3	6	3	4	2
		21	1012.5	–	8.2	0.9	9.6	88	4.7	4	7	4	5	11	0	0	1	0	0	2	1	9	9	8	1	0	1	18	10	2	1	7	3	4	6	3	4	1
NORTHERN IRELAND																																										
Antrim																																										
Aldergrove	73	3	1009.7	–	6.0	0.7	8.5	89	5.8	2	5	1	14	9	0	0	0	0	0	0	3	7	7	10	4	0	0	5	24	2	2	1	9	6	6	4	0	1
		9	1010.0	-2.6	6.6	0.8	8.7	88	6.5	0	4	1	14	12	0	0	0	0	1	1	1	10	10	6	2	0	0	7	23	1	1	5	4	5	7	5	2	1
		15	1009.2	–	9.2	1.7	9.1	78	6.6	0	2	4	12	13	0	0	0	0	0	0	0	8	10	8	5	0	0	12	19	0	1	4	3	5	4	5	7	2
		21	1009.7	–	7.1	0.9	8.9	87	6.4	1	2	1	19	8	0	0	0	0	0	0	1	7	9	11	3	0	0	7	24	0	1	3	2	8	7	4	5	1
Londonderry																																										
Carmoney	73	9	–	–	6.6	0.7	8.8	89	6.5	0	3	5	6	17	0	0	0	0	0	0	0	0	6	25	0	0	0	1	2	24	4	1	3	5	2	6	5	2	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Down																																										
Long Kesh	39	3	1009.8	–	5.6	0.7	8.4	90	5.8	3	4	1	10	13	0	0	0	0	0	1	3	5	6	16	0	0	0	3	27	1	1	1	13	1	3	3	6	2
		9	1010.1	–	6.9	0.9	8.8	88	6.5	0	3	3	11	13	1	0	1	0	0	1	3	9	10	7	0	0	0	6	24	1	1	1	9	4	2	6	5	2
		15	1009.4	–	9.5	1.8	9.1	77	6.6	0	1	7	9	14	0	0	0	0	0	1	4	6	7	10	3	0	0	7	23	1	1	0	8	6	2	3	4	6
		21	1009.8	–	7.0	0.7	9.0	89	6.2	2	3	4	8	14	0	0	0	0	0	0	2	10	7	11	1	0	0	4	26	1	0	2	6	4	4	3	10	1
Tyrone																																										
Carrigans	113	9	1009.4	–	6.4	0.6	8.9	91	6.3	0	2	8	7	14	0	0	0	0	0	0	1	1	17	8	4	0	0	0	9	17	5	2	4	2	5	7	1	2	3
		21	1009.2	–	7.4	0.7	9.3	90	6.8	2	1	2	7	19	0	0	0	0	0	0	0	12	19	0	0	0	0	0	7	16	8	5	1	3	7	1	3	1	2
Fermanagh																																										
Corgary	144	9	1009.2	–	6.5	0.9	8.5	86	6.8	0	1	3	14	13	0	0	0	0	0	0	2	0	15	8	4	2	0	2	8	12	9	0	0	11	3	3	0	5	0

Table 5 Number of days with max. and min. temperatures between given limits — March 1991

Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	3	28	0	0	0	0	0	0	0	0	0	25	6	0	0
Kirkwall	0	1	20	10	0	0	0	0	0	0	0	1	23	7	0	0
Stornoway	0	0	23	8	0	0	0	0	0	0	0	0	21	10	0	0
Braemar	0	5	16	10	0	0	0	0	0	0	1	15	13	2	0	0
Craibstone	0	2	16	13	0	0	0	0	0	0	0	5	22	4	0	0
Dunstaffnage	0	0	12	19	0	0	0	0	0	0	0	1	19	11	0	0
Abbotsinch	0	0	13	18	0	0	0	0	0	0	0	9	8	14	0	0
Rothesay	0	0	18	13	0	0	0	0	0	0	0	0	16	15	0	0
Eskdalemuir	0	4	19	8	0	0	0	0	0	0	0	9	14	8	0	0
Boulmer	0	0	19	12	0	0	0	0	0	0	0	1	20	10	0	0
Leeming	0	0	13	17	1	0	0	0	0	0	0	2	13	15	1	0
Hull	0	0	12	17	2	0	0	0	0	0	0	2	12	17	0	0
Cranwell	0	0	11	18	2	0	0	0	0	0	0	4	15	12	0	0
Cambridge N I A B	0	0	7	22	2	0	0	0	0	0	0	2	12	17	0	0
Lowestoft	0	0	15	13	3	0	0	0	0	0	0	1	10	20	0	0
Shawbury	0	0	14	16	1	0	0	0	0	0	0	7	8	15	1	0
Elmdon	0	0	10	19	2	0	0	0	0	0	0	5	11	14	1	0
Heathrow	0	0	4	24	3	0	0	0	0	0	0	2	11	16	2	0
Southampton	0	0	3	25	3	0	0	0	0	0	0	3	12	16	0	0
Hastings	0	0	13	18	0	0	0	0	0	0	0	0	13	18	0	0
Douglas	0	0	23	8	0	0	0	0	0	0	0	1	14	16	0	0
Ringway	0	0	9	21	1	0	0	0	0	0	0	2	14	14	1	0
Valley	0	0	19	12	0	0	0	0	0	0	0	1	15	15	0	0
Aberporth	0	0	16	14	1	0	0	0	0	0	0	0	17	14	0	0
Rhoose	0	0	11	19	1	0	0	0	0	0	0	4	11	16	0	0
Falmouth	0	0	7	23	1	0	0	0	0	0	0	0	11	20	0	0
Aldergrove	0	0	15	16	0	0	0	0	0	0	0	2	14	14	1	0
Armagh	0	0	10	21	0	0	0	0	0	0	0	4	13	14	0	0

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values					
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust		
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time
O SCOTLAND N																			
Shetland	Fair Isle	71	10	10	5	1	8	41	445	225	32	0	12.4	120	34	5 02	120	60	5 0248
	Lerwick	93	10	10		0	8	41	458	237	8	0	12.9	130	33	5 03	120	54	5 0354
	Sella Ness	16	10			0	5	28	458	229	28	1	12.7	110	33	5 04	110	49	5 0330
	Sumburgh	35	10	10		0	10	51	459	209	25	0	13.0	130	33	5 03	110	55	5 0330
Orkney	Kirkwall Airport	41	15	10	4 5	3	10	35	421	251	34	0	12.2	120	35	4 23	120	53	4 2342
Western Isles	Benbecula	16	10	10		0	5	37	287	352	68	0	10.5	160	32	18 11	150	50	18 1106
	Butt Of Lewis	43	10	10	4	5	12	83	366	257	33	0	13.0	110	36	4 17	320	47	22 0754
	Stornoway	12	10	10		0	4	9	182	389	164	0	7.7	300	25	19 14	290	40	19 1354
Highland	Aviemore	250	10	10		0	1	5	156	321	262	0	6.7	180	28	18 14	190	47	18 1600
	Dalcross	20	10	10		0	0	0	128	396	219	1	6.7	230	20	19 10	270	36	19 1542
	Duirinish	38	20	17		0	3	19	236	378	111	0	9.0	300	25	19 14	140	43	4 1524
	Invergordon Harbour	19	16	06		0	2	3	91	386	263	1	5.8	280	25	19 16	280	41	19 1724
	Shin	24	10	10		0	0	0	46	280	418	0	4.3	090	19	4 16	270	36	19 1530
	Wick	45	10	10		0	4	11	205	417	111	0	8.3	130	32	4 23	120	48	4 2248
1 SCOTLAND E																			
Grampian	Aberdeen, Dyce Airport	68	10	10		0	3	4	154	309	277	0	6.5	130	22	4 20	120	46	4 2036
	Cairngorm	1075	10	10	2 4 5 18 19 31	46	22	183	303	133	43	36	17.5	140	56	4 18	140	79	4 1724
	Kinloss	18	13	13		0	2	5	133	336	270	0	6.4	290	25	19 16	290	42	19 1648
	Lossiemouth	17	10	10		0	3	6	171	404	162	1	7.4	130	28	4 19	130	47	4 1936
	Peterhead Harbour	34	30	15		0	4	20	237	386	101	0	9.2	150	27	4 21	150	47	4 2130
Tayside	Mylnefield	40	10	10		0	1	3	65	350	326	0	5.2	230	24	19 12	230	42	19 1136
	Tummel Bridge	161	16	16		0	0	0	24	276	436	8	3.9	300	17	19 15	300	37	19 1506
	Perth Aerodrome	118	10	10		0	2	7	130	400	207	0	6.9	270	23	19 15	270	41	19 1554
	Rannoch	307	17	17		0	1	11	142	410	179	2	7.5	230	30	19 08	230	43	19 0806
Fife	Leuchars	25	13	13		0	2	14	183	382	165	0	7.9	240	31	19 13	250	49	19 1548
Lothian	Edinburgh Turnhouse Airport	43	13	10		0	1	6	146	373	219	0	6.9	240	26	19 13	240	48	19 1400
	Royal Observatory, Blackford Hill	159	10	10		0	6	39	284	316	105	0	10.1	240	32	19 14	240	52	19 1418
	Forth Road Bridge	72		72	19	9	10	45	318	272	98	2	11.1	240	43	19 15	230	65	19 1336
	Leith	15	09		19	4	5	31	293	268	139	9	9.8		36	19 14		55	19 1306
Borders	Charter Hall	112		10		0	2	16	138	412	178	0	7.3	240	28	19 11	260	49	19 1342
6 SCOTLAND W																			
Strathclyde	Abbotsinch Airport	16	10	10		0	2	9	225	300	210	0	7.8	240	26	19 12	250	46	19 1154
	Blairlinnans	145	13	12		0	2	10	174	362	165	33	7.8	250	26	19 13	240	42	19 1254
	Dunstaffnage	13	10	10		0	2	7	141	356	240	0	6.7	260	30	19 13	250	46	19 1312
	Greenock Port	51	49		4	1	7	38	292	310	103	0	10.2	100	36	4 14	260	52	19 1412
	Inchterf	55	15	12		0	1	6	203	342	189	4	7.9	240	30	19 12	240	45	19 1136
	Lowther Hill	754	27																
	Machrihanish	10	10	10		0	6	44	285	338	76	1	10.6	120	32	4 12	120	49	4 1200
	Prestwick Airport	21	10	10		0	2	5	195	376	168	0	7.9	120	25	4 15	240	42	19 1254
	Salsburgh	275	15	11	19	1	6	46	390	276	31	0	12.5	260	38	19 13	260	55	19 1324
	Tiree	21	11	10	4	3	7	63	307	345	26	0	11.8	140	34	4 14	140	50	4 1454
Dumfries & Galloway	Chapelcross	64	15	15		0	2	11	128	463	142	0	7.4	240	26	18 23	240	44	18 2300
	Dumfries, Drungans	28	13	10		0	0	0	68	351	325	0	5.3	200	20	18 19	200	42	18 1948
	Eskdalemuir	259	10	10		0	2	3	95	393	253	0	6.0	280	23	19 15	290	46	19 1554
	West Freugh	24	10	10		0	4	22	193	319	210	0	8.0	130	27	4 11	130	41	4 1442
	Whithorn	40	15			0	6	29	334	312	69	0	10.4	120	28	4 14	200	43	18 2124

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn		Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed kn	Day	Hour beginning	Veer from N	Speed kn	Day Time
2 ENGLAND E & N E																				
Northumberland	Blyth	19	10	10		0	1	12	155	430	140	7	7.7	220	27	19	10	220	48	19 1030
	Boulmer	33	10	10		0	2	20	138	433	153	0	7.7	240	32	19	09	240	55	19 0930
Tyne & Wear	South Shields	22	17	13	Defective record															
Durham	Burnhope	244	10	10		0	1	15	127	456	121	25	7.6	230	28	19	08	240	45	19 0842
Cleveland	Hartlepool	15	10	10		0	2	18	207	415	86	18	8.8	240	31	19	14	230	49	19 1206
North Yorkshire	Church Fenton	18	10	10		0	4	17	85	435	207	0	6.6	250	30	21	00	240	52	20 2348
	Fylingdales	242	10	10		0	7	54	304	326	52	8	11.1	250	31	19	14	240	49	19 1300
	Leeming	42	10	10		0	2	17	133	419	175	0	7.2	220	30	19	12	230	51	19 1230
	Linton-on-Ouse	24	10	10		0	3	10	138	440	156	0	7.2	260	28	21	00	250	51	21 0000
Humberside	Bridlington MRSC	31	16	18																
	Spurn Point	17	10	10		0	7	45	280	357	46	16	10.9		31	21	00		55	21 0018
Lincolnshire	Coningsby	16	10	10		0	5	11	223	420	90	0	8.6	240	25	19	14	220	43	19 1400
	Cranwell	68	13	13		0	6	29	221	406	71	17	9.5	250	27	19	19	240	45	20 2342
	Scampton	68	10	10		0	4	11	221	444	68	0	8.7	230	29	20	23	240	46	20 2354
	Waddington	80	10	10		0	4	15	254	420	55	0	9.5	240	27	19	14	240	48	20 2330
3 EAST ANGLIA																				
Norfolk	Coltishall	27	10	10		0	5	18	198	358	170	0	8.2	250	26	19	15	240	38	21 0206
	Gorleston	16	13	13		0	5	35	299	273	137	0	10.0	040	31	26	00	170	44	18 2100
	Hemsby	26	13	13		0	5	23	262	357	102	0	9.4	240	25	19	15	240	40	21 0112
	Marham	29	10	10		0	5	12	239	369	124	0	8.7	230	24	20	23	210	42	20 2354
Cambridgeshire	Wittering	87	10	10		0	5	15	196	383	125	25	8.6	250	25	19	16	250	38	19 1630
	Wyton	45	10	10		0	4	5	216	424	99	0	8.4	230	25	20	23	220	44	20 2312
Suffolk	Honington	60	13	13		0	1	3	200	411	130	0	8.0	230	22	19	14	210	39	19 1330
	Wattisham	105	16	10		0	3	6	234	434	70	0	9.0	250	24	19	15	240	41	19 1642
Bedfordshire	Bedford	93	12	10		0	5	13	274	398	50	9	9.6	230	25	20	23	230	46	20 2324
Essex	Shoeburyness	12	10	10		0	1	13	218	384	129	0	8.5	030	27	25	15	020	37	25 1724
	Stansted	108	10	10		0	5	6	231	405	96	6	8.9	210	24	20	20	240	41	19 1712
	Walton On Naze	10	10	10		0	3	32	270	372	70	0	10.1	030	29	25	18	030	41	25 1948
4 MIDLAND COUNTIES																				
West Yorkshire	Leeds Weather Centre	43	10	10	21	1	4	11	90	423	219	0	6.2	280	36	21	00	280	61	20 2354
	Wilsden	272	10	10		0	5	12	176	418	138	0	8.1	230	29	20	23	230	47	20 2324
South Yorkshire	Finningley	19	10	10		0	4	15	153	440	136	0	7.8	240	30	20	23	250	48	20 2342
	High Bradfield	405	10	10	Defective record															
	Sheffield University	146	29	15		0	4	8	139	445	152	0	7.2	240	28	20	23	240	59	20 2306
Nottinghamshire	Nottingham Weather Centre	133	16	10		0	2	3	183	452	106	0	7.9	260	25	19	15	240	47	20 2312
Staffordshire	Cellarhead	241	13	8		0	1	1	161	446	136	0	7.6	250	23	20	22	230	43	20 2200
	Keele	162	10	10		0	4	6	238	376	124	0	8.7	250	25	20	21	250	44	20 2100
Shropshire	Shawbury	84	12	10		0	4	17	206	381	140	0	8.1	250	28	19	11	240	46	19 1154
West Midlands	Birmingham Elmdon Airport	108	10	10		0	0	0	152	461	131	0	7.2	240	19	19	13	230	34	20 2136
Hereford & Worcs	Preston Wynne	97	13	13	Defective record															
Oxfordshire	Benson	67	10	10		0	0	0	194	372	178	0	7.7	160	21	8	14	240	35	19 1636
	Brize Norton	91	13	10		0	0	0	177	435	130	2	7.6	040	19	25	20	240	31	20 2312
	Oxford	113	50	22		0	3	18	210	399	60	57	9.4	240	25	20	23	250	42	19 1842
5 ENGLAND S E & CENTRAL																				
Greater London	Heathrow Airport	34	10	10		0	0	0	120	432	192	0	6.6	140	18	8	13	240	34	19 1842
	London Weather Centre	93	70	38		0	1	1	262	443	38	0	9.4	240	22	20	18	230	40	20 1836
	Northolt	49	15	12		0	0	0	121	392	231	0	6.4	250	19	19	18	240	34	19 1906
Wiltshire	Boscombe Down	130	17	17		0	3	10	264	386	84	0	9.2	130	24	8	12	140	36	8 0906
	Larkhill	155	10	10		0	0	0	179	464	101	0	7.8	250	21	19	15	140	36	8 1442
	Lyneham	156	10	10		0	3	9	232	418	85	0	8.9	140	23	8	14	190	36	20 1818
Kent	East Malling	33	12	10		0	0	0	35	293	416	0	3.8	040	18	25	17	040	39	25 1712
	Gravesend	25	20			0	2	9	124	450	161	0	7.0	070	24	26	03	060	37	25 1518
	Langdon Bay	117	12	12	25	6	10	48	352	271	67	0	12.0	030	35	25	14	190	49	18 2318
	Lydd Ranges	1	10	10		0	4	21	303	343	77	0	9.7	290	25	20	22	090	37	25 1530
	Manston	62	10	10		0	3	12	204	432	96	0	8.4	020	26	25	14	110	38	16 1906
	Sheerness	50	44	10	25 26	14	9	73	355	244	58	0	12.9	040	41	25	17	040	51	25 2212
Hampshire	Farnborough	75	10	10		0	0	0	127	416	201	0	6.6	170	20	8	14	170	36	8 1436
	Middle Wallop	94	10	10		0	2	11	258	368	107	0	9.0	130	25	8	14	130	37	8 1330
West Sussex	Gatwick Airport	69	13	13		0	0	0	116	460	168	0	6.6	040	21	25	14	040	35	25 1406
	Shoreham-by-Sea	21	11	15		0	9	49	359	250	86	0	11.4	260	32	20	21	070	48	25 1754
East Sussex	Herstmonceux	27	10	10		0	4	17	198	346	183	0	8.3	230	26	20	20	030	41	25 1548
7A ENGLAND N W & I O M																				
Cumbria	Carlisle	41	15	9		0	3	15	122	401	206	0	7.0	220	27	18	23	230	45	18 2300
	Eskmeals	24	16	10		0	2	11	194	306	233	0	7.4	110	28	4	13	100	45	4 1342
	Great Dun Fell	857	10	10	Defective record															
	Sellafield	22	10	10		0	1	1	119	320	304	0	5.8	010	22	18	19	290	38	4 1318
Lancashire	Aughton	68	14	10		0	1	2	177	445	116	4	7.9	270	23	20	22	280	43	20 2212
	Fleetwood	34	15	9	Defective record															
	Squires Gate Airport	22	12	11		0	4	13	271	371	89	0	9.6	230	27	18	22	270	45	20 2236
Merseyside	Aigburth	38	23	11		0	2	7	137	513	87	0	7.6	240	23	20	22	210	39	20 2154
Greater Manchester	Manchester Ringway Airport	80	10	10		0	1	3	190	371	180	0	7.6	200	24	20	21	250	43	20 2230
Isle Of Man	Point-of-Ayre	20	10	10		0	6	38	298	344	64	0	10.4	240	28	19	10	240	43	19 1100
	Ronaldsway	25	10	10		0	5	29	302	332	81	0	10.5	120	30	4	13	120	41	4 1330

Table 6 Summary of autographic records of wind

March 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time
7B WALES N																			
Gwynedd	Trawsfynydd	192	10	10		0	2	7	92	380	250	15	6.2	210	26	18 20	200	48	20 2012
	Valley	26	16	12		0	8	50	215	326	148	5	9.2	170	30	18 12	160	43	18 1230
8A WALES SOUTH																			
Dyfed	Aberporth	144	10	10	4 18	2	13	91	303	272	76	0	12.3	140	35	4 09	140	53	4 0848
	Brawdy	121	10	10		0	7	43	338	290	73	0	11.0	130	28	4 08	130	42	4 0936
	Milford Haven	50	13	10		0	7	53	271	325	95	0	10.5	220	26	3 00	210	49	2 2212
Mid Glamorgan	Cilfynydd	210	16	16		0	3	6	241	343	152	2	8.3	270	24	20 20	270	45	20 2024
South Glamorgan	Rhoose Airport	74	10	10		0	3	21	313	319	91	0	10.0	260	25	20 21	250	39	20 2118
8B ENGLAND S W																			
Avon	Avonmouth	28	19	10		0	8	38	301	333	72	0	10.6	140	28	8 17	140	43	8 1642
	Bristol Weather Centre	55	44	13		0	0	0	122	427	195	0	6.5	160	20	8 18	250	39	3 0824
	Oldbury-on-Severn	19	9																
Somerset	Hinkley Point	30	10	10		0	3	11	183	430	120	0	8.2	130	25	8 12	240	39	2 1654
	Yeovilton	34	12	10	Defective record														
Dorset	Hurn Airport	23	13	11		0	0	0	181	411	152	0	7.6	120	21	8 13	110	36	8 1254
	Portland Bill C G	60	13	13	8	1	5	29	380	299	35	0	11.4	140	35	8 13	150	52	8 1318
Devon	Burrington	211	10	10		0	6	38	345	322	35	4	11.4	250	31	19 14	120	45	8 1236
	Chivenor	16	10	10		0	4	14	261	343	122	4	9.3	110	25	8 13	230	39	20 1654
	Exeter	35	10	10		0	1	7	222	361	154	0	8.3	120	25	8 11	100	39	8 1012
Cornwall	Camborne	98	10	10		0	8	65	376	261	41	1	12.4	210	28	18 17	220	45	2 2054
	Culdrose	104	23	20	20	1	16	127	457	159	0	0	15.4	230	34	20 15	240	50	2 2036
	Gwennap Head	76	10			0	11	88	485	159	6	6	15.0	210	33	18 15	210	53	2 2036
	St Mawgan	120	13	13		0	5	35	314	335	60	0	10.8	110	28	4 05	210	44	3 0330
CHANNEL ISLANDS																			
	Guernsey Airport	116	12	12		0	3	21	397	305	21	0	11.4	160	27	8 09	150	47	8 0912
	Jersey Airport	94	12	10		0	3	14	449	252	29	0	11.6	160	24	8 09	160	49	8 1054
NORTHERN IRELAND																			
Londonderry	Ballykelly	12		10															
	Coleraine University	30	10	10		0	2	6	138	365	235	0	6.8	150	24	4 11	150	40	4 1224
Antrim	Aldergrove	80	10	10		0	3	7	161	481	95	0	8.0	120	24	4 12	120	41	4 1142
	Ballypatrick Forest	165	13	13	Defective record														
	Belfast Harbour	21	18	18															
Down	Kilkeel	36	19	14	Defective record														
	Killough	31	15	15	4 5 18	9	7	70	355	243	67	0	12.3	200	36	18 12	200	47	18 1142
	Long Kesh	47	10	10		0	1	1	112	433	198	0	6.4	290	22	19 12	250	39	19 0906
	Orlock Head	51	16	12	4	2	9	66	279	342	52	3	11.2	120	37	4 11	120	55	4 1118
Tyrone	Carrigans	129	10	10		0	2	11	229	359	145	0	8.6	110	26	4 10	110	49	4 1118
Fermanagh	Castle Archdale Forest	79	13	13		0	0	0	72	394	221	57	5.7	120	20	4 11	120	37	4 1012

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
	Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation												
	Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
1990 Aug March													5	18	7	5												
Presteigne																												S
Christchurch											26	42		18	5	4												
1990 Dec Covenham																	—		—	—	—				—			
March													6	25	13	8												
Pennerley											66				18	10												
Batchley Farm	5.4	0.8	3.1		11.6	26	-4.6	15	5.4		63		16	24	15	12	6	3	0	0	1	3	14	14		2		
Waltham Cross											80		13	25														
Pencelli	—	—	—		—	—	—	—			111		25	28	12	11	5	0				—	—	—	—		—	
Parkmore Forest	6.2	0.7																										
Saintfielkd Rowallane											80																	

Correction

August 1990, **Rainfall**
The location of the last heavy fall (last line of paragraph) should read Pilgrim's Hatch (not Heath).

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THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 1000 U.D.C. 551 506 1 (41-4)

APRIL 1991

VOLUME 108 NUMBER 4

Unsettled; generally dull and wet, with average temperatures

A succession of fronts crossed all areas of the United Kingdom between the 1st and 6th, associated with a deepening depression that crossed Scotland early on the 5th. During the 7th a slow-moving front trailed along the Bristol Channel to the parent Atlantic depression. Early on the 8th a disturbance on the front moved rapidly across England and Wales, reaching the east coast by midday, while the front trailed back from the Thames Estuary to the Mersey to the Western Isles. An area of high pressure developed to the south of the British Isles covering south-west and southern England and South Wales later on the 8th. With high pressure established to the south of Great Britain the Atlantic depression and its associated fronts moved north-eastwards across western areas of Wales and Scotland during the 9th. Later on the 9th the anticyclone centred over western Germany hindering eastward movement of the fronts over Scotland and Ireland. A low centre formed over western Wales on the 12th. Early on the 13th pressure rose to the west of the British Isles, bringing persistent high pressure over the next few days. Fronts over the far north of Scotland during the 14th dissipated on the 15th and all parts of the United Kingdom came into a cold northerly or north-easterly airstream over the next few days. A southward-moving cold front cleared the far south of England later on the 18th. As the anticyclone drifted southwards on the 21st, a succession of fronts moved southwards across all areas. After a transient ridge of high pressure on the 23rd and 24th, a trailing cold front edged gradually forwards over western areas on the 25th, but later began to dissipate, and pressure began to rise over all parts of the United Kingdom. On the 28th and 29th the fronts of an Atlantic depression moved over western parts of the United Kingdom; the low centre then crossed southern England and Wales and moved over Germany, leaving part of the British Isles in a cold northerly to north-easterly airstream at the end of the month.

Weather

The weather was unsettled at the beginning of the month with rain or showers during the first week, and some sunny intervals. Rain was often prolonged and heavy over western areas. The second half of the month brought a wintry mixture of hail, sleet and snow showers, with longer periods of rain and a few sunny intervals. On the 12th thundery outbreaks occurred over parts of central and south-eastern England. On the 18th and 19th England and Wales had heavy and prolonged wintry showers, sometimes with thunder, although Wales and south-west England had some good sunny spells. Thunder occurred over Essex on the 21st. There were scattered hail showers on the 22nd and 23rd. Rain in the west on the 25th gave way to thundery showers, while in the north and east it remained dry. Further thundery outbreaks occurred over Wales, the Midlands and Cornwall on the 26th.

Wind

April was a generally quiet month, but with winds fresh or strong on six days. Early on the 4th there were gusts of more than 60 kn in exposed places in the west, including 63 kn at Kilkeel, Northern Ireland and two gusts of 60 kn at Culdrose, Cornwall. On the 6th a gust to 60 kn was measured at Camborne, Cornwall. Gusts of between 50 kn and 60 kn were recorded at a number of places in Scotland on the 11th. Wind directions were mainly southerly or westerly although at mid month and during the last week they were northerly or easterly.

Temperature

Mean monthly temperatures were generally near to the monthly normal and ranged from 0.6 °C below normal at Sandown, Isle of Wight to 1.2 °C above normal at Kinloss, Grampian Region.

A large diurnal range of air temperature at inland sites is a characteristic of spring in Scotland, amply demonstrated by the maximum and minimum temperatures of 16.5 °C and −4.2 °C recorded at Tummel Bridge, Tayside on the 14th. Temperatures rose over a large area on the 8th, and exceeded 21 °C in parts of the south and east on the 11th. Early on the 21st a damaging frost occurred in parts of south-east England as temperatures dropped as low as −4 °C. The highest temperature during the month was 23.5 °C at Elmstone, Kent on the 12th and the lowest was −7.1 °C at Leadhills, Strathclyde on the 20th.

Rainfall

Monthly rainfall totals were above normal everywhere except over eastern Scotland and much of northern England, and ranged from more than twice the normal in parts of western Cornwall and western Scotland to less than half the normal in north-east England and around the Moray Firth.

Heavy rain gave falls of 72 mm at Inverinan, Highland Region on the 1st and 81 mm at Isle of Rhum, Highland Region on the 10th, the latter having its wettest April day since records began there in 1958. Late on the 28th rain became prolonged and persistent everywhere except northern parts of Scotland. Heavy rain during the 29th and 30th doubled the month's totals in parts of the south-east, with some places having their wettest April day this century on the 29th, the wettest day over England and Wales as a whole since the very wet Bank Holiday, 25 August 1986. Other heavy falls included 96 mm at Llanymawddwy, Gwynedd on the 1st.

Snow

During the 18th, 19th and 20th there were wintry showers over eastern parts of England and Scotland. On the morning of the 20th when the cold spell was at its height, 17 cm of level snow lay at the Cairngorm Carpark.

Sunshine

Monthly sunshine amounts were generally above average in eastern areas but below average in western areas, ranging from 129% of average at Edinburgh, East Craigs, Lothian Region to a rather dull 73% of average at Stornoway, Western Isles.

Stornoway recorded its dullest April since 1975 whereas Lerwick with 122% of its normal April amount had its sunniest April since 1970. Most sunshine during the month was 194 hours at Hemsby, Norfolk and Leuchars, Fife Region and most in a day was 14.3 hours at Folkestone, Kent on the 28th.

Fog

Overnight fog formed quite widely in southern and eastern England between the 9th and 13th, and over southern and central Scotland on the 14th. Areas of fog developed over central and eastern areas of England and Wales on the 26th and 27th. East Anglia and the north-east coast had some fog patches on the 29th. Coastal fog occurred in west Wales on the 8th, on southern and western coasts on the 9th, persisting all day on the south coast and west Wales, in south-west England and west Wales on the 11th and in the west later on the 29th. Some hill fog occurred over Wales and southern England on the 1st, 11th and 30th.

Miscellaneous Phenomena

None reported.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp° C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max	Min	Mean				
			Difference from average					% of average	
0 Scotland N	18.5	−5.1	+0.3	+0.8	+0.5	+0.6	−2	131	99
1 Scotland E	18.7	−4.3	0.0	+0.8	+0.4	+1.0	−2	113	113
2 England E & NE	20.4	−2.5	0.0	+0.4	+0.1	+0.9	−2	83	106
3 East Anglia	22.1	−3.2	+0.1	+0.1	+0.1	+0.8	0	116	110
4 Midland Counties	21.5	−2.5	0.0	+0.2	+0.1	+0.7	−1	125	100
5 England SE & Central S	21.0	−3.8	−0.2	+0.1	−0.1	+0.6	−1	129	106
6 Scotland W	18.4	−5.4	−0.4	+0.5	+0.1	+0.7	+1	195	101
7 England NW & Wales N	18.8	−3.3	+0.1	+0.7	+0.3	+0.9	+1	119	97
8 England SW & Wales S	22.1	−3.5	−0.2	+0.3	0.0	+0.1	+2	153	93
N Ireland	15.4	−2.5	−0.6	+0.9	+0.1	+0.6	+1	181	99
Scotland	18.7	−5.4	0.0	+0.7	+0.3	+0.8	−1	152	104
England & Wales	22.1	−3.8	0.0	+0.3	+0.1	+0.7	0	124	102

* Highest maximum and lowest minimum of District Value Stations

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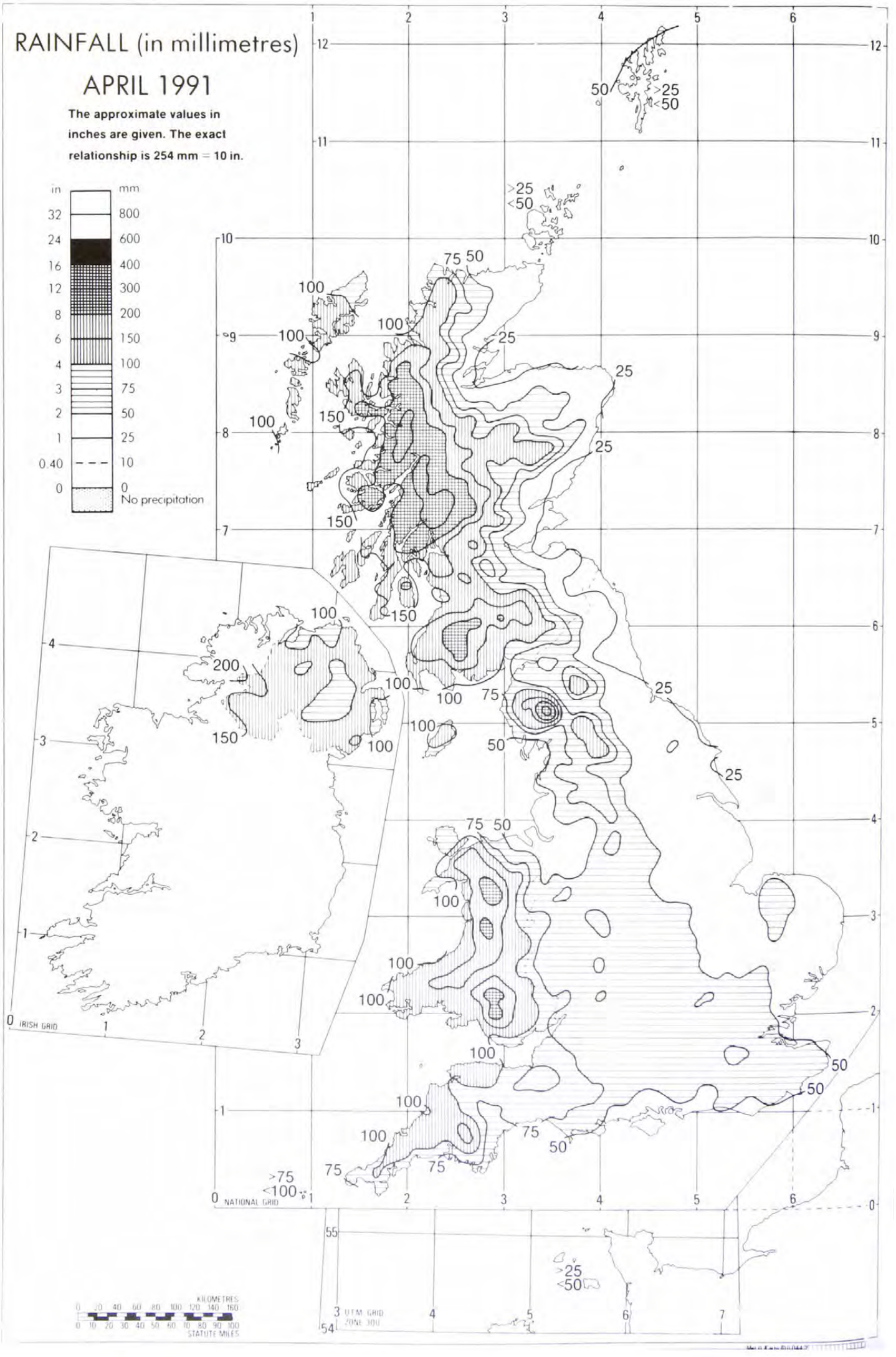
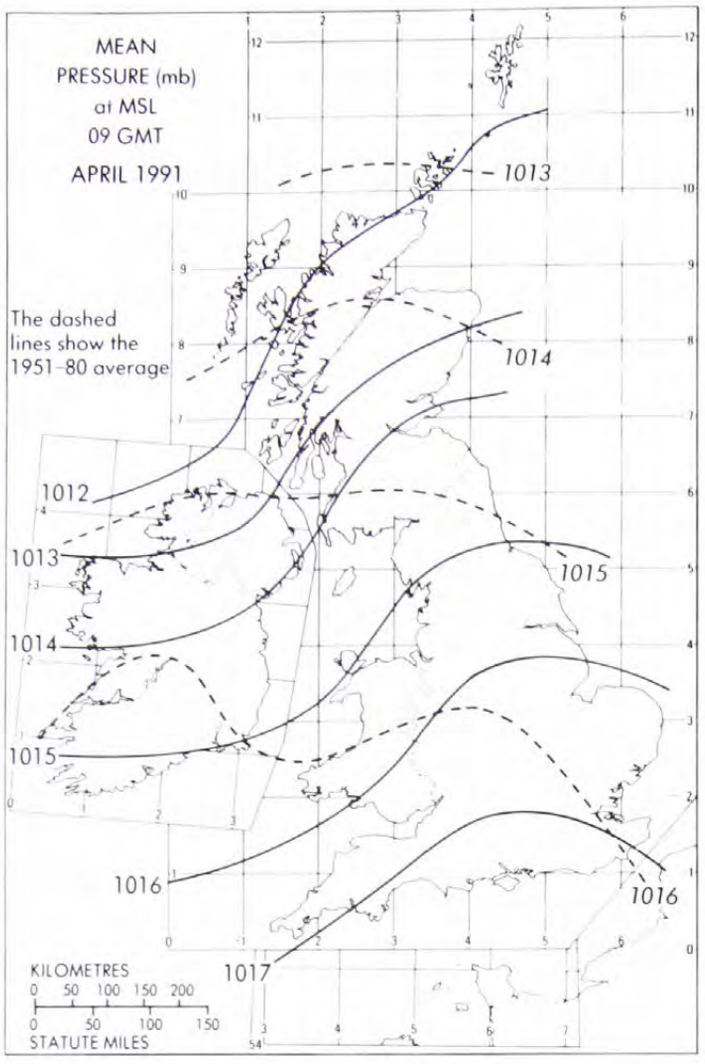
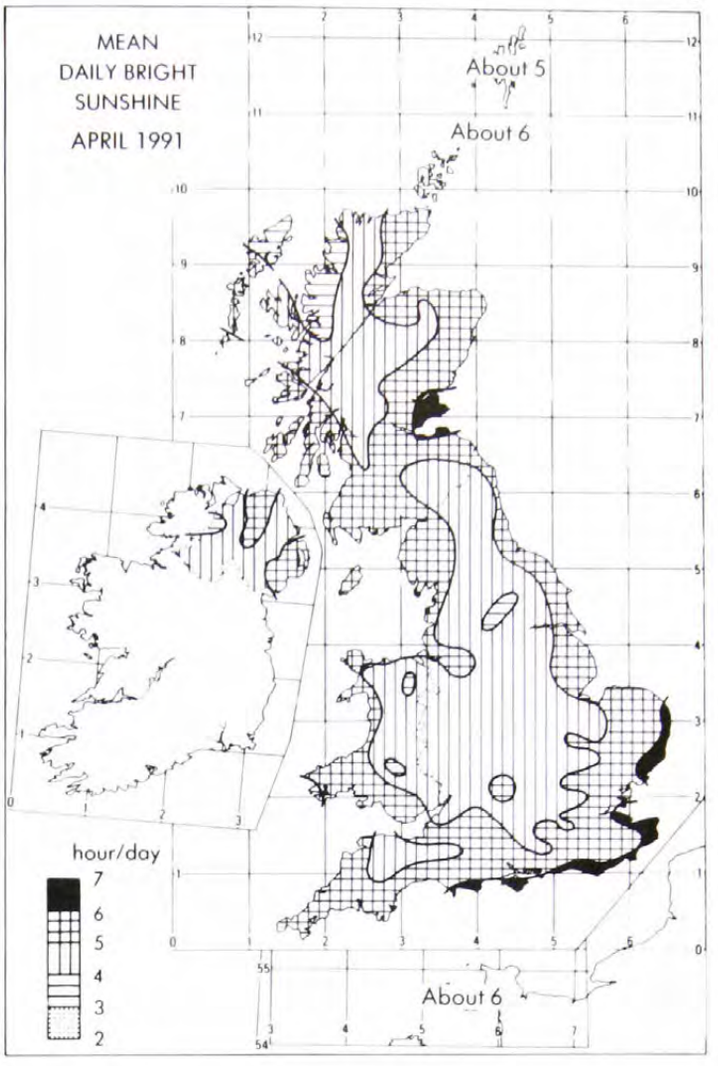
RAINFALL (in millimetres)

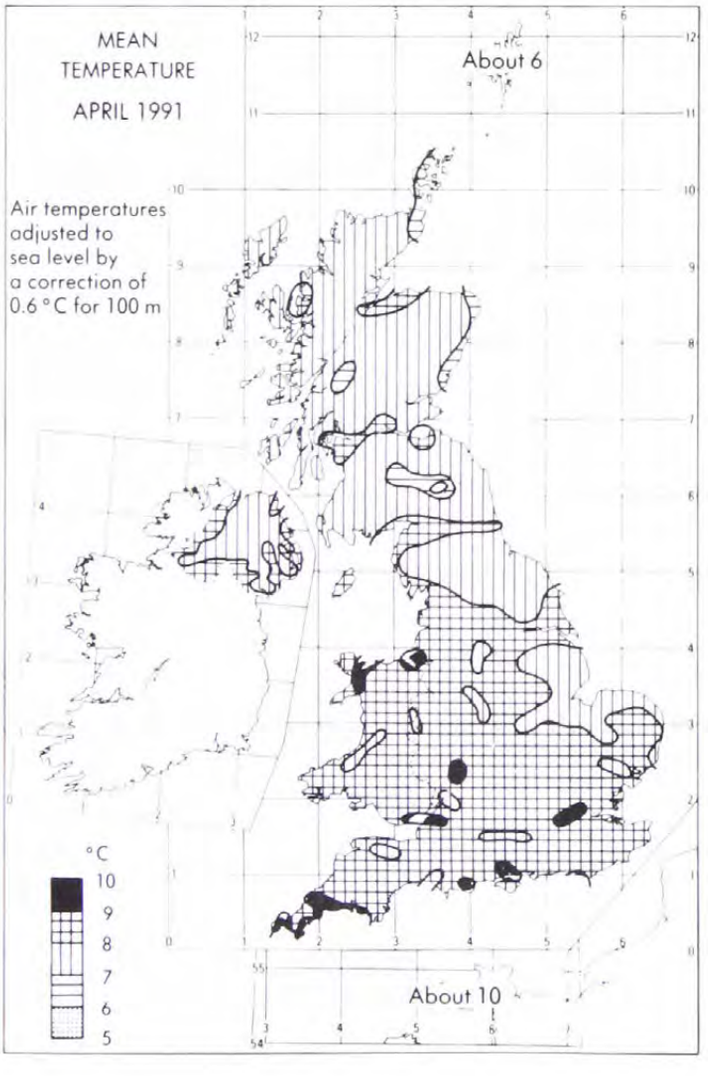
APRIL 1991

The approximate values in inches are given. The exact relationship is 254 mm = 10 in.




MEAN
PRESSURE (mb)
at MSL
09 GMT
APRIL 1991
The dashed lines show the 1951–80 average
1013
1014
1012
1013
1015
1014
1015
1016
1016
1017
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
APRIL 1991
About 5
About 6
About 6
hour/day
7
6
5
4
3
2


MEAN
TEMPERATURE
APRIL 1991
About 6
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
°C
10
9
8
7
6
5
About 10

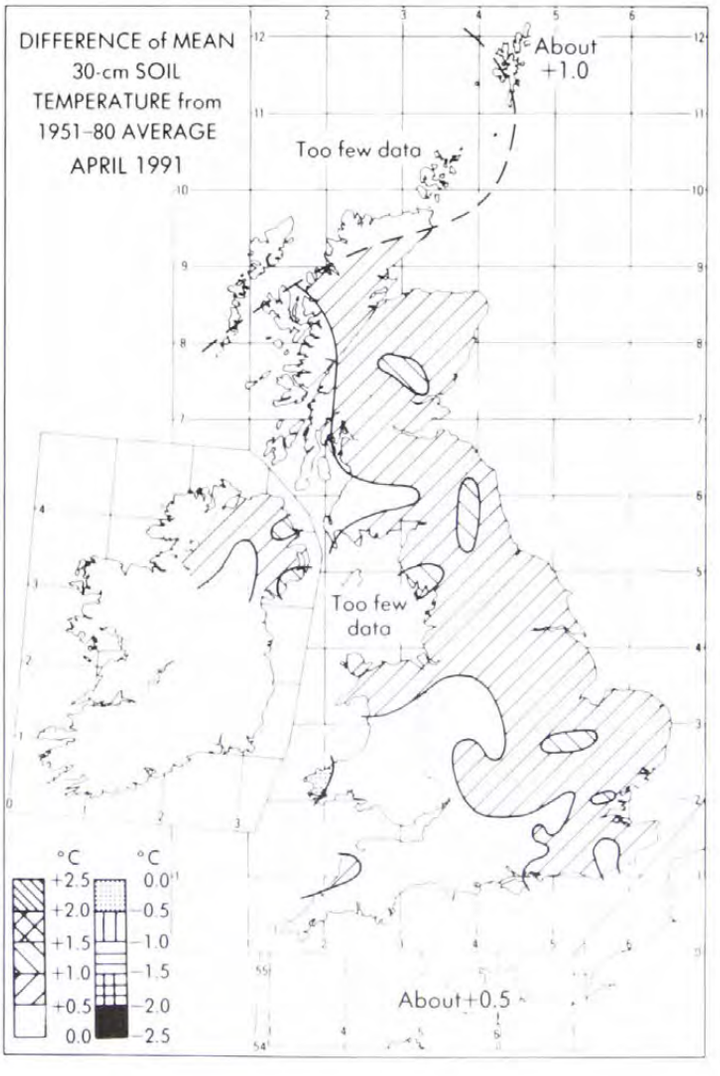

DIFFERENCE of MEAN
30-cm SOIL
TEMPERATURE from
1951–80 AVERAGE
APRIL 1991
About +1.0
Too few data
Too few data
°C
+2.5
+2.0
+1.5
+1.0
+0.5
0.0
°C
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
About +0.5

Table 2 Solar radiation

April 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	22.5	30	3.1	11	12.2	30	10.3	20	3.1	11	7.1	30
Stornoway	22.0	26	3.3	10	10.8	30	10.1	25	3.3	10	7.4	30
Aviemore	22.7	26	2.6	4	12.4	30	11.7	20	2.6	4	7.1	30
Aberdeen	22.5	30	2.4	12	12.8	30						
Dunstaffnage	21.2	18	1.3	1	12.0	30						
Shanwell	23.0	27	2.3	12	13.4	30	10.9	20	2.3	12	6.9	30
Auchincruive	22.0	30	2.5	1	13.5	24						
Eskdalemuir	21.5	26	1.5	12	11.0	30	10.1	25	1.4	12	6.2	30
Sunderland Poly												
Hazelrigg	21.9	27	1.1	1	12.4	30	12.7	23	1.1	1	7.3	30
Cawood	21.4	27	4.0	13	12.2	30						
Aughton	23.0	22	3.0	1	12.6	30	11.8	28	3.0	1	7.2	30
Finningley	21.6	28	3.7	13	12.1	30	11.5	26	3.7	13	7.6	30
Sutton Bonington	21.4	28	4.3	13	11.6	30	9.2	24	3.9	13	6.6	30
Hemsby	23.2	27	4.8	4	14.6	30	11.3	24	4.6	4	7.8	30
Denver Complex	24.2	28	5.8	1	13.5	30						
Gogerddan	22.8	27	1.5	2	12.9	26						
Brooms Barn	21.9	28	5.6	4	13.5	30	12.4	24	5.1	4	8.3	30
Aberporth	22.6	14	3.9	2	13.1	29	12.1	28	3.9	2	7.4	28
Wallingford	21.9	28	3.7	2	12.0	30						
London W.C.	23.2	28	2.0	2	12.0	30	9.9	27	1.9	2	6.9	30
Easthampstead	23.9	28	3.0	2	12.6	30	11.7	27	3.0	2	7.9	30
East Malling	24.1	28	2.3	30	13.0	30	11.3	27	2.3	30	7.5	30
Crawley	23.7	28	2.1	2	13.0	30	11.3	24	2.1	2	7.8	30
Rustington	23.7	28	2.7	2	14.3	30						
Efford	21.5	16	3.4	1	14.0	30						
Camborne	23.3	27	3.2	2	13.7	30	12.7	24	3.1	2	7.9	30
Jersey	22.7	20	3.5	30	15.0	30	11.6	8	3.4	30	7.7	30
Aldergrove	22.6	26	3.6	9	12.0	30	12.0	30	3.5	15	7.1	30

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation														
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
0 SCOTLAND N																													
Shetland																													
Baltasound	24	9.0	3.4	6.2	+0.6	11.5	30	-1.1	16	6.2	–	50	–	8	20	18	14	2	0	0	3	0	0	3	–	–	3	4.74	108	–
Fair Isle	57	8.0	4.6	6.3	–	10.1	30	-0.2	19	6.7	6.6	45	–	8	10	17	14	8	0	1	7	0	0	1	5	–	2	6.06	–	–
Lerwick (A)	82	8.2	3.5	5.9	+0.7	11.2	29	-1.3	20	6.1	–	46	64	6	4	17	13	6	0	0	7	0	0	4	10	8	1	5.48	122	–
Sumburgh (A)	7	8.9	4.8	6.9	–	11.3	30	-0.4	19	–	–	–	–	–	–	–	–	5	0	0	6	0	0	2	7	5	2	–	–	–
Orkney																													
Kirkwall Airport (A)	26	9.3	4.0	6.7	+0.6	12.2	11	-0.7	20	6.9	–	37	69	5	20	16	14	4	0	3	4	0	0	1	5	2	2	5.22	107	–
Rackwick	18	9.6	4.3	6.9	–	13.8	30	-0.2	14	–	–	37	–	6	20	18	10	5	–	2	5	0	0	1	–	–	0	–	–	–
Western Isles																													
Benbecula (A)	5	10.1	4.5	7.3	+0.1	13.0	30	0.0	13	7.8	–	99	159	32	10	19	14	0	0	1	3	0	0	0	7	4	3	4.92	85	–
Scalpay	18	9.6	4.3	6.9	–	12.8	30	0.5	8	–	–	108	–	42	10	19	17	0	0	3	0	0	–	0	–	–	6	–	–	–
Stornoway (A)	15	9.5	4.2	6.9	+0.3	13.7	29	0.5	13	7.0	–	82	125	37	10	17	12	1	0	0	5	0	0	0	6	5	1	3.82	73	–
Highland																													
Aviemore (A)	229	10.1	2.1	6.1	–	15.3	15	-3.8	26	6.1	5.4	66	–	15	7	18	11	9	1	0	6	0	0	7	17	11	0	4.86	–	S
Cape Wrath	112	8.6	4.4	6.5	+0.5	14.2	27	1.7	20	–	–	60	96	25	10	14	10	3	0	2	1	0	0	0	0	0	8	4.52	(90)	–
Cairngorm Chairlift	663	6.2	0.0	3.1	–	13.5	15	-4.8	20	3.1	–	–	–	–	–	–	–	9	6	0	0	0	4	17	–	–	5	–	–	–
Cassley	99	10.1	2.7	6.4	–	15.3	26	-2.1	28	–	–	115	98	20	2	17	16	–	0	–	–	–	–	4	–	–	–	–	–	–
Dalcross (A)	11	11.5	3.8	7.7	–	16.0	26	-1.0	14	–	–	16	44	5	7	12	5	3	0	4	1	0	0	2	9	–	1	–	–	–
Dalwhinnie	351	8.6	1.6	5.1	–	16.1	15	-3.5	14	5.5	–	109	–	23	6	17	17	7	1	0	0	0	0	7	–	–	0	4.89	–	S
Diabaig	60	10.5	4.8	7.7	–	16.0	26	1.0	18	–	–	123	–	45	10	17	14	3	0	0	1	0	–	0	–	–	0	3.78	–	S
Dingwall	7	11.5	3.0	7.3	–	16.4	15	-1.9	14	–	–	36	–	11	7	17	10	–	0	–	–	–	–	4	–	–	–	–	–	–
Duartmore Bridge	30	10.3	3.9	7.1	–	16.8	26	-0.5	14	–	–	76	–	18	10	18	15	1	0	1	6	0	0	1	–	–	0	3.64	–	–
Eilanreach	8	10.9	4.0	7.5	–	15.7	27	-0.2	14	–	–	210	–	51	1	18	17	0	0	0	2	0	0	1	4	–	0	–	–	–
Fort Augustus	21	10.8	3.6	7.2	+0.3	16.0	26	-1.8	20	7.6	–	111	192	24	7	18	14	–	0	–	–	–	0	2	–	–	0	4.36	103	–
Fortrose	5	10.5	4.5	7.5	+0.6	13.9	26,27	0.5	14	–	–	19	52	6	7	13	7	2	0	0	1	0	–	0	–	–	0	–	–	–
Grantown-on-Spey	220	10.1	1.5	5.8	–	14.5	1	-5.1	14	–	–	46	–	13	18	10	10	6	1	0	0	0	0	8	20	–	0	5.70	–	–
Inverailort	2	11.5	3.9	7.7	–	16.9	15	-2.0	20	–	–	231	–	59	10	19	16	5	0	0	3	1	0	3	13	–	3	–	–	–
Inverness	4	11.8	4.2	8.0	+0.7	16.8	28	1.0	14	–	–	21	59	4	7	13	7	0	0	0	0	0	0	0	7	–	0	5.60	121	–
Inverpolly	14	10.8	4.0	7.4	–	17.2	27	-0.2	13	–	–	85	–	23	10	15	12	1	0	0	0	0	–	1	–	–	0	–	–	–
Isle of Rhum	5	10.5	4.7	7.6	(+0.2)	14.2	27	0.0	14	8.1	7.6	227	174	81	10	18	14	0	0	0	1	0	0	0	15	–	3	4.73	–	–
Kiltarlity	75	11.4	2.6	7.0	–	16.3	15	-1.6	28	–	–	47	–	13	7	16	12	4	0	0	3	0	0	5	12	–	0	–	–	–
Kinbrace	103	–	–	–	–	–	–	–	–	–	–	44	–	8	18	17	12	5	0	0	2	0	–	–	–	–	0	5.51	–	–
Kinlochewe	25	11.5	3.5	7.5	(+0.3)	17.9	26	-0.5	14,28	7.2	–	169	–	26	7	20	17	6	0	0	5	0	0	2	14	–	2	3.62	–	S
Knockanrock	244	9.1	2.8	5.9	–	14.8	26	0.1	20	–	–	116	–	14	1	18	15	6	0	–	–	–	–	0	–	–	–	–	–	–
Lairg	107	10.8	2.1	6.5	–	15.3	14	-2.9	14	6.7	6.3	58	–	9	10	18	14	–	0	–	–	–	0	4	19	–	–	4.26	–	–
Lentran	146	11.1	2.9	7.0	–	16.1	15	-1.0	14	6.1	–	34	–	10	7	18	11	5	0	0	2	0	1	3	19	–	1	–	–	–
Nairn	8	11.3	4.3	7.8	+1.0	15.5	11	-0.6	14	–	–	16	44	4	12	11	4	2	0	0	3	0	0	1	8	–	0	5.44	111	–
Onich	15	12.1	3.7	7.9	+0.7	18.5	15	-3.1	20	–	–	224	202	63	1	18	18	–	0	–	–	–	2	3	13	–	–	4.00	91	S
Plockton	12	11.0	4.4	7.7	–	15.8	26	1.4	14	–	–	135	–	46	10	18	15	0	0	0	1	1	0	0	–	–	4	–	–	–
Poolewe	6	11.3	4.3	7.8	(+0.3)	17.7	26	0.6	13	–	–	125	137	34	1	17	12	0	0	2	2	0	0	0	6	–	2	3.74	(74)	S
Tomatin	311	9.3	1.9	5.6	–	13.9	15	-3.1	14	–	–	59	–	12	18	15	12	7	–	0	4	0	–	6	–	–	0	–	–	–
Waterstein	92	9.2	4.1	6.7	–	12.1	30	0.1	19	–	–	(94)	–	34	10	19	15	–	–	–	–	–	–	0	–	–	–	–	–	–
Wick (A)	36	9.5	3.9	6.7	+0.6	14.0	10	-1.1	14	7.1	–	24	53	5	21	17	9	7	0	1	6	0	0	2	7	2	0	5.82	117	–
1 SCOTLAND E																													
Grampian																													
Aberdeen																													
Dyce Airport (A)	65	10.5	3.3	6.9	+0.5	17.2	1	-2.5	26	–	–	47	93	13	4	12	10	4	0	0	5	0	0	1	15	11	1	5.93	120	–
Mannofield	52	9.6	3.8	6.7	+0.3	15.6	1	0.0	14	–	–	33	70	9	12	11	9	3	0	0	1	0	0	0	11	–	0	–	–	–
Aldroughty	30	11.6	4.5	8.1	–	17.0	26	1.1	20	7.4	–	26	–	5	18	10	9	0	0	0	3	0	0	0	15	–	0	5.36	–	–
Ballater Field Centre	200	10.8	2.5	6.7	–	17.5	15	-3.4	14	–	–	57	–	18	4	13	11	4	0	0	0	0	–	7	–	–	0	–	–	–
Balmoral	283	9.3	1.6	5.5	+0.4	16.2	15	-4.2	26	–	–	67	122	18	4	16	12	4	1	0	0	0	–	8	15	–	0	–	–	–
Banff Golf Course	15	10.7	4.0	7.3	–	15.5	1	-0.5	14	8.4	–	22	–	6	12	12	6	5	0	0	6	1	0	1	–	–	0	–	–	S
Braemar	339	9.2	1.3	5.3	+0.3	17.3	15	-4.3	26	6.1	5.6	71	139	15	4	19	14	9	1	0	2	–	0	9	12	–	–	(5.00)	–	–
Craibstone	102	9.9	2.9	6.4	+0.2	16.0	1	-0.1	28	6.9	6.4	47	92	14	4	11	8	3	0	0	0	0	0	1	16	–	0	(5.33)	–	–
Culterty	3	10.3	3.7	7.0	–	17.2	1	0.0	26	–	–	22	–	6	12	8	8	2	0	0	0	0	0	0	12	–	1	5.12	–	–
Durris, Wardend	107	10.0	2.9	6.5	–	16.6	1	-2.4	26	6.5	–	55	–	27	4	12	7	6	0	0	1	0	0	5	12	–	0	5.66	–	–
Forehill	40	9.2	3.5	6.3	–	15.5	1	0.1	17	–	–	25	62	7	12	11	4	1	0	0	0	0	0	0	7	–	0	–	–	–
Forres	5	11.7	4.7	8.2	–	16.3	26	0.0	3	7.5	7.5	16	–	4	12	10	6	4	0	0	4	0	0	0	5	–	0	–	–	–
Fyvie Castle	55	10.9	2.8	6.9	(+0.7)	16.8	1	-2.0	14	–	–	45	84	9	12	11	9	3	0	0	0	0	0	4	14	–	0	–	–	–
Glenlivet	215	10.2	2.4	6.3	(+0.8)	14.6	1	-3.9	14	–	–	49	–	12	18	12	10	5	0	0	2	0	–	7	14	10	0	5.75	(128)	S
Inchmarlo	80	10.6	3.0	6.8	–	17.8	1	-2.6	26	–	–	55	–	17	4	13	7	–	–	–	–	–	–	3	–	–	–	–	–	–
Inverurie	54	10.8	3.4	7.1	–	17.5	1	-0.9	28	–	–	41	–	10	4	11	10	4	0	0	0	0	0	4	16	–	0	5.16	–	–
Keith	106	10.5	2.8	6.7	–	15.7	1	-1.5	14	–	–	39	–	9	18	13	9	5	0	0	0	0	–	4	17	–	3	5.85	–	–
Kinloss (A)	5	11.6	4.6	8.1	+1.2	16.3	26	-0.6	14	7.3	–	14	40	4	12	12	5	5	0	0	6	0	0	1	9	3	0	5.48	114	–
Leith Hall	180	10.4	2.0	6.2	–	16.3	1	-2.3	14,26	–	–	53	–	12	12	13	10	5	0	0	0	0	0	7	16	–	0	–	–	–
Lossiemouth (A)	6	11.3	3.7	7.5	(+0.9)	16.5	1	-1.4	14	–	–	21	58	5	18	12	6	–	–	–	–	–	–	1	–	–	–	–	–	–
Rothes	61	11.2	3.8	7.5	–	16.0	11	-1.0	14	–	–	45	–	12	21	8	8	3	0	0	0	0	0	2	9	–	0	4.54	–	–
Stonehaven	85	9.2	3.3	6.3	–	15.0	1	0.0	19,20	–	–	28	–	8	12	13	7	2	0	0	0	0	0	0	–	–	3	5.25	–	–
Tayside																													
Arbroath	29	10.0	4.7	7.3	+0.4	14.7	1	0.8	23	–	–	12	33	3	12	9	6	0	0	0	0	0	0	0	5	–	1	5.99	107	–
Ardtalnaig	130	10.5	3.5	7.0	(0.0)	19.8	15	-0.8	14	–	–	147	233	29	6	19	13	2	0	0	2	0	0	1	14	–	0	4.98	–	S
Dall (Rannoch School)	232	10.1	1.5	5.8	–	18.8	15	-4.2	14	–	–	137	–	29	6	21	15	2	0	0	1	0	0	9	11	–	0	–	–	–
Drummond Castle	113	10.7	3.0	6.9	–	17.2	15	-1.7	26	7.7	–	120	–	21	6	15	12	0	0	0	0	0	–	5	16	–	2	5.02	–	–
Dundee	45	10.5	4.7	7.6	+0.1	14.5	1	1.1	14	8.1	–	26	60	7	4	10	8	2	0	0	2	0	0	0	14	–	0	6.26	125	–
Faskally	94	10.5	3.4	6.9	+0.1	18.7	15	-1.7	26	8.3	7.4	80	185	22	6	16	14	6	0	0	1	0	0	4	15	–	0	–	–	–
Forfar	91	10.1	3.5	6.8	–	14.2	15	-1.2	14	–	–	31	–	9	12	10	8	2	0	0	1	0	0	2	16	–	0	5.85	–	–
Kindrogan	259	9.4	1.6	5.5	–	15.5	15	-4.6	26	–	–	73	–	17	4	17	12	7	0	0	2	0	0	9	17	–	0	–	–	–
Kinross	116	10.5	2.7	6.6	–	14.6	15	-2.4	14	7.4	–	53	–	17	12	15	13	–	0	–	–	–	0	7	15	–	–	5.66	–	–
Montrose	55	9.8	2.3	6.1	-0.6	15.1	1	-1.3	23	7.7	–	22	53	5	3	13	6	0	0	0	0	0	0	6	16	–	1	–	–	–
Mylnefield (A)	30	10.8	4.2	7.5	+0.4	14.4	1	0.0	14	7.9	7.2	32	75	14	12	10	8	3	0	2	1	0	0	0	16	–	0	6.23	116	–
Perth Aerodrome (A)	118	10.2	2.8	6.5	–	15.1	15	-4.0	14	–	–	51	–	23	12	11	9	–	–	–	–	–	–	6	–	–	–	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C): Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum: Max.	Highest maximum: Date	Lowest minimum: Min.	Lowest minimum: Date	Mean soil temp.: 30 cm deg C	Mean soil temp.: 100 cm deg C	Rainfall (09 to 09 GMT): Total fall (mm)	Rainfall: Percentage of 1951-80 average	Most in a day: Amount (mm)	Most in a day: Date	Weather (number of days): Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine: Daily mean (hours)	Percentage of 1951-80 average*	Exposure
1 SCOTLAND E - Continued																														
Tayside - Continued																														
Strathallan	41	11.6	3.8	7.7	—	17.0	15	-0.9	26	—	—	62	—	24	12	15	10	—	—	—	—	—	0	5	—	—	—	—	—	—
Tummel Bridge	161	10.8	2.2	6.5	—	19.2	15	-4.4	26	—	—	109	—	17	12	17	14	—	—	—	—	—	—	7	—	—	—	—	—	—
Whitehillocks	258	9.4	2.3	5.9	—	15.2	15	-2.5	26	—	—	115	—	42	4	16	13	0	0	0	1	0	0	6	13	—	0	—	—	—
Fife																														
Belliston	82	10.2	4.2	7.2	—	13.1	15	-0.4	20	7.3	—	16	34	4	12	12	7	1	0	0	3	0	0	1	10	—	0	—	—	—
Cupar	42	11.2	3.7	7.5	—	14.6	15	-1.6	23	8.2	—	25	—	13	12	9	6	4	0	0	0	0	—	5	9	—	0	6.12	—	S
Fife Ness	12	9.7	4.6	7.1	—	13.0	1	0.2	20	—	—	—	—	—	—	—	—	0	0	0	2	0	0	0	1	—	4	—	—	—
Leuchars (A)	10	11.0	3.5	7.3	+0.2	14.8	1	-2.5	26	7.6	—	21	54	9	12	11	5	1	0	0	3	0	0	5	15	10	0	6.47	120	—
Lothian																														
Bush House	184	10.2	3.1	6.7	+0.4	14.0	15	-2.6	28	7.2	6.6	49	99	17	12	15	9	1	0	0	1	0	0	4	16	—	1	5.14	110	—
Dunbar	23	10.6	4.5	7.5	+0.3	14.4	1	-0.1	15	7.8	—	17	52	7	12	11	5	1	0	0	3	0	0	1	—	—	1	5.82	107	—
Edinburgh																														
East Craigs	61	11.1	3.6	7.3	+0.2	14.6	25	-2.2	14	8.2	—	31	80	17	12	11	6	0	0	0	0	0	0	4	13	—	0	6.26	(129)	—
Royal Botanic Garden	26	11.6	4.3	7.9	+0.5	15.8	25	-1.1	20	8.3	—	26	67	15	12	11	7	2	0	0	1	0	0	3	13	—	0	5.97	122	—
Royal Observatory Blackford Hill (A)	134	10.7	3.9	7.3	+0.1	14.0	25,26	-0.2	20	—	—	31	78	16	12	13	7	2	0	0	0	0	0	1	9	—	1	5.69	120	—
Turnhouse Airport (A)	35	11.5	3.6	7.5	+0.3	15.6	25	-2.7	26	8.0	—	34	88	18	12	12	8	0	0	0	3	0	0	4	14	8	0	5.59	120	—
Haddington	41	11.3	4.1	7.7	—	14.3	1	-1.7	14	—	—	13	—	7	12	7	5	0	0	0	0	0	0	2	—	—	0	—	—	—
Livingston	125	10.7	3.3	7.0	—	15.5	15	-2.3	14	6.9	—	60	—	21	12	15	8	0	0	0	0	0	0	5	10	—	0	—	—	—
Nunraw Abbey	197	9.8	3.0	6.4	—	13.1	15	-1.5	20	—	—	(26)	—	(11)	12	16	8	0	0	0	0	0	—	4	—	—	0	—	—	—
Penicuik	185	10.6	2.5	6.5	(+0.1)	16.0	15	-3.7	28	7.6	—	53	106	16	12	15	11	2	0	0	3	0	0	6	17	—	0	4.97	(115)	S
Borders																														
Blyth Bridge	253	9.3	2.5	5.9	0.0	14.9	15	-2.8	20	—	—	56	108	12	12	17	13	3	0	0	2	0	0	4	14	—	0	5.27	121	—
Blythe	262	9.7	2.1	5.9	—	13.2	15	-3.3	20	6.6	—	28	—	5	6	17	9	5	0	0	0	0	0	7	18	—	5	5.77	—	—
Bowhill (Selkirk)	168	10.8	2.4	6.6	+0.1	16.0	15	-3.0	14,26	7.9	—	56	105	10	6	19	12	2	0	2	0	0	0	8	13	—	0	—	—	—
Carterhouse	308	8.8	2.1	5.5	—	13.2	11	-3.4	20	6.8	6.4	76	—	16	6	15	13	1	1	—	—	—	—	8	15	13	—	—	—	—
Floors Castle	59	11.0	3.0	7.0	—	15.0	11	-3.2	26	—	—	18	45	4	12	11	7	1	0	0	1	0	1	7	—	—	0	—	—	—
Galashiels	198	9.7	2.8	6.3	—	13.3	15	-2.2	28	—	—	40	—	7	12	15	10	2	0	0	3	0	0	5	10	—	2	4.86	—	—
Glentress	165	10.8	2.3	6.5	(0.0)	16.4	15	-3.0	14	—	—	62	123	9	6	17	11	3	0	0	0	0	0	7	—	—	0	—	—	—
Greycrook	76	11.0	3.0	7.0	—	13.8	25	-3.0	27	8.0	—	26	—	7	12	15	7	2	0	0	0	0	0	6	15	—	0	—	—	—
Kelso	34	11.5	3.3	7.4	—	15.8	11	-2.2	27	8.2	—	19	—	3	4	14	9	5	0	0	2	0	0	7	14	—	0	—	—	—
St Abbs Head	75	9.5	4.5	7.0	—	14.9	11	0.6	17	—	—	—	—	—	—	—	—	1	0	2	1	0	0	0	4	1	2	—	—	—
West Linton	244	9.7	2.3	6.0	+0.2	15.2	15	-2.5	14	6.9	6.3	57	104	12	1	16	11	0	0	0	0	0	0	8	12	—	0	—	—	—
6 SCOTLAND W																														
Strathclyde																														
Abington	247	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ardentinny	5	11.0	3.8	7.4	—	16.0	15	-3.5	20	7.7	7.3	298	—	67	1	18	15	0	0	0	0	0	2	5	10	—	0	—	—	—
Aros	37	10.6	4.1	7.3	—	14.5	30	-2.6	20	—	—	163	—	28	6	19	14	0	0	0	1	0	0	1	2	—	0	—	—	—
Auchincruive	48	10.7	4.2	7.5	+0.1	14.3	26	-3.0	20	7.7	7.6	91	195	23	1	15	11	0	0	0	0	0	0	2	12	—	0	5.04	95	—
Benmore (Younger Botanic Garden)	12	11.0	4.0	7.5	(+0.1)	17.5	15	-3.3	20	—	—	264	205	67	1	18	16	0	0	0	3	0	0	1	11	—	0	—	—	—
Black Mount	175	10.2	1.4	5.8	—	18.6	15	-6.2	20	—	—	212	—	30	6	19	15	3	0	0	7	0	0	7	—	—	0	—	—	—
Brodick Castle	15	10.8	4.5	7.7	—	14.5	15	-0.7	20	9.2	—	230	—	53	1	19	15	1	0	0	0	0	0	1	12	—	0	—	—	—
Camps Reservoir	295	8.8	1.4	5.1	(0.0)	15.3	15	-5.6	20	—	—	142	—	27	1	20	14	3	0	0	1	0	—	10	—	—	0	5.03	—	—
Carnwath	208	10.3	1.9	6.1	+0.3	16.8	15	-5.4	20	7.0	—	67	149	17	12	17	12	2	0	1	1	0	0	9	16	11	7	—	—	—
Colonsay Hotel	15	10.5	5.2	7.9	—	13.3	15	0.5	17	—	—	100	—	16	6	20	15	0	0	2	0	0	0	0	4	—	9	5.88	—	—
Cumnock	99	10.5	3.5	7.0	—	16.3	15	-4.6	20	7.8	—	99	—	23	1	17	12	0	0	0	0	0	0	3	6	—	0	—	—	S
Dalry	32	11.6	4.1	7.9	—	18.1	15	-2.5	20	—	—	164	—	68	1	18	14	0	0	0	0	0	—	2	—	—	0	—	—	—
Drumclog	227	9.6	2.3	5.9	—	16.4	15	-5.4	20	—	—	131	—	35	1	18	16	2	0	0	0	0	0	5	—	—	0	—	—	—
Dunstaffnage (A)	3	10.8	4.8	7.8	—	15.0	26	-2.3	20	8.2	—	149	—	31	9	17	15	2	0	0	2	0	0	1	5	—	0	4.98	—	—
East Kilbride	178	10.2	3.4	6.8	—	17.2	15	-2.4	20	—	—	150	—	38	12	19	14	1	0	0	0	0	—	3	11	—	0	5.70	—	—
Girvan	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Glasgow Abbotsinch Airport (A)	5	11.7	3.9	7.8	—	18.4	15	-3.8	20	7.7	—	102	205	22	1	17	11	0	0	0	1	0	0	5	9	7	0	4.90	—	—
Springburn Park	107	10.9	3.9	7.4	+0.1	17.1	15	-1.9	20	—	—	(105)	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Helensburgh	96	10.3	3.5	6.9	—	15.4	15	-2.0	20	—	—	167	—	60	1	18	13	0	0	0	0	0	—	1	—	—	0	4.75	—	—
Hunterston	8	10.6	5.1	7.9	-0.1	15.0	15	0.0	20	—	—	106	—	24	1	16	13	0	0	0	0	0	0	0	—	—	0	—	—	—
Inverinan Mor	70	10.3	3.0	6.7	—	16.8	15	-3.7	20	—	—	294	—	72	1	18	17	1	0	0	2	0	0	5	—	—	0	—	—	—
Leadhills	388	9.1	0.2	4.7	—	16.8	15	-7.1	20	—	—	191	—	31	1	19	16	7	0	1	4	0	2	13	16	—	2	—	—	—
Lochgilphead	5	10.5	4.2	7.3	—	15.5	15	-3.0	20	—	—	186	—	54	1	19	16	0	0	0	0	0	0	2	5	—	0	—	—	—
Lochranza	46	10.5	4.7	7.6	—	15.2	15	-2.0	20	—	—	171	—	27	6	18	14	—	—	—	—	—	—	1	—	—	—	—	—	—
Machrihanish (A)	10	10.5	4.6	7.5	(0.0)	14.0	26	-1.4	20	—	—	132	—	22	6	20	14	—	—	—	—	—	—	1	—	—	—	—	—	—
Millport	5	10.5	4.9	7.7	(-0.2)	14.7	15	0.5	22	—	—	(119)	183	25	1	19	13	0	0	0	0	0	—	0	—	—	0	—	—	—
Motherwell (Strathclyde Park)	24	11.7	3.2	7.5	—	18.2	15	-3.2	20	—	—	75	—	17	12	16	13	1	0	0	2	0	0	5	—	—	0	—	—	—
Orsay	23	9.3	5.3	7.3	—	11.7	30	0.0	17	—	—	—	—	—	—	—	—	0	0	0	0	0	0	2	—	4	—	—	—	—
Paisley (A)	32	12.0	4.7	8.3	+0.1	18.3	15	-1.0	20	8.9	8.3	129	215	28	1	17	12	0	0	2	0	0	0	1	8	—	0	4.82	102	—
Pollok Country Park	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Prestwick (A)	16	11.3	4.2	7.7	+0.2	15.4	26	-4.0	20	8.3	—	90	200	24	1	16	11	0	0	0	0	0	0	2	10	6	0	5.61	100	—
Rothesay	43	11.0	4.8	7.9	(+0.2)	16.8	15	-0.5	20	7.5	7.3	128	169	29	9	18	14	0	0	0	0	0	0	1	6	—	4	5.22	—	—
Salsburgh	260	9.7	2.4	6.1	—	16.6	15	-2.0	20	—	—	62	—	19	12	15	9	—	—	—	—	—	—	3	—	—	—	—	—	—
Saughall	221	9.9	2.5	6.2	—	16.6	15	-6.5	20	6.3	6.4	135	—	39	1	16	14	1	0	0	2	0	0	5	13	9	0	5.01	—	—
Tiree (A)	9	10.0	5.3	7.7	+0.3	11.9	23	2.9	20	8.1	—	115	191	24	10	15	13	0	0	0	2	0	0	0	3	2	2	5.66	98	—
Uplawmoor	128	10.2	3.2	6.7	—	16.2	15	-4.6	20	—	—	158	—	42	1	19	13	0	0	0	0	0	—	3	—	—	0	—	—	—
Central																														
Aberfoyle	27	11.5	3.0	7.3	—	18.1	15	-3.2	26	—	—	171	—	26	1,9	18	13	0	0	0	0	0	0	8	13	—	0	—	—	—
Arrochymore	30	11.4	3.7	7.5	—	18.0	15	-2.9	20	7.9	—	153	—	—	—	—	—	0	0	0	0	0	0	2	8	—	0	4.53	—	S
Balquhidder	136	10.4	3.4	6.9	—	18.8	15	-2.3	20	7.5	—	237	—	48	6	18	15	5	0	0	2	0	0	3	9	—	0	—	—	S
Falkirk	3	11.4	3.9	7.7	—	15.4	25	-1.5	26	—	—	63	—	23	12	15	9	1	0	0	0	0	—	4	—	—	0	—	—	—
Grangemouth (BP Refinery)	2	11.7	4.9	8.3	—	15.0	25	0.5	14,26	—	—	59	—	24	12	13	8	1	0	0	2	0	0	0	—	—	1	—	—	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Percentage of * 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
6 SCOTLAND W - Continued																														
Central - Continued																														
Loch Venachar	84	10.3	3.3	6.8	—	17.5	15	-2.7	20	—	—	154	—	24	9	16	12	0	0	0	0	0	0	4	10	—	0	—	—	—
Mugdock Park	165	10.3	3.4	6.9	—	17.5	15	0.0	14	6.7	—	152	—	53	1	15	13	2	0	0	2	0	0	0	—	—	0	—	—	—
Parkhead	35	11.6	4.2	7.9	—	16.1	15	-1.1	22	8.1	—	63	—	19	12	13	11	—	0	—	—	—	—	1	—	—	—	—	—	—
Stirling (Sewage Works)	7	11.5	(4.0)	7.7	—	15.0	15	—	—	—	—	70	—	19	12	14	10	—	—	—	—	—	—	—	2	—	—	5.26	—	—
Tyndrum	168	10.0	2.9	6.5	—	18.2	15	-4.5	20	—	—	302	—	59	6	18	16	1	0	0	2	0	0	4	—	—	0	—	—	—
Dumfries & Galloway																														
Auchen Castle	184	10.3	2.1	6.2	—	17.6	15	-2.6	26	—	—	138	—	25	9	15	11	2	0	0	4	1	0	11	17	—	0	—	—	—
Bargrennan	110	10.9	2.7	6.8	-0.1	18.2	15	-4.4	20	—	—	179	218	25	1	18	16	0	0	0	0	0	—	8	—	—	0	—	—	—
Clatteringshaws	178	9.9	2.8	6.3	—	17.1	15	-2.3	20	—	—	260	243	67	1	19	13	—	—	—	—	—	0	4	—	—	—	4.98	—	S
Corsewall Point	15	10.0	5.3	7.7	—	12.6	27	2.0	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	—	—
Creebridge	18	11.6	3.9	7.7	—	16.9	15	-2.9	20	—	—	134	—	20	12	19	14	0	0	0	0	0	—	2	—	—	0	—	—	—
Dumfries	49	11.1	3.6	7.3	0.0	14.8	15	-2.1	20	8.0	7.9	102	185	21	9	12	12	0	0	0	1	0	0	4	7	—	0	5.17	104	—
Dumfries (Drungans)	28	11.4	4.4	7.9	—	17.0	15	-0.5	20	—	—	106	—	20	9	11	10	—	—	—	—	—	—	2	7	—	—	—	—	—
Eskdalemuir (A)	242	9.3	1.8	5.5	-0.3	15.7	15	-3.1	15	6.8	6.7	151	175	27	1	20	16	5	0	2	6	1	0	9	14	13	0	4.88	109	—
Glenlee	55	11.3	2.8	7.1	0.0	17.2	15	-4.1	20	—	—	187	231	42	1	17	13	—	—	—	—	—	—	5	16	—	—	—	—	—
Glenlochar Barrage	47	10.9	3.7	7.3	0.0	17.1	15	-2.6	20	—	—	139	207	28	1	12	11	0	0	0	1	0	0	3	—	—	0	—	—	—
Penwhirn	166	9.7	(3.0)	6.3	—	14.0	26,27	—	—	—	—	(165)	—	—	—	—	—	0	0	0	0	0	0	—	8	—	0	—	—	—
Threave	73	11.0	3.5	7.3	+0.2	16.7	15	-2.6	20	8.4	—	153	225	29	1	15	11	2	0	0	1	0	0	4	15	—	0	—	—	—
Whithorn	40	10.3	4.3	7.3	—	14.3	15	-1.0	20	8.3	—	101	—	30	12	16	10	0	0	0	0	0	0	2	12	3	0	5.72	—	—
2 ENGLAND E & N E																														
Northumberland																														
Boulmer (A)	23	10.3	3.9	7.1	—	17.7	11	-0.4	28	8.0	7.5	17	—	3	17	12	7	4	0	0	5	0	0	1	12	5	0	5.70	—	—
Cockle Park	99	10.2	3.5	6.9	+0.4	16.8	11	-0.2	23	7.2	—	20	48	5	4	13	6	5	1	3	0	0	0	1	10	—	0	4.45	97	—
Haydon Bridge	82	11.6	3.5	7.5	+0.6	16.0	11	-1.8	28	8.5	—	30	—	6	4	12	8	2	0	0	0	1	0	6	—	—	0	—	—	—
Kielder Castle	201	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Redesdale	235	9.4	2.4	5.9	—	13.8	11	-2.5	20	6.3	—	41	—	9	6	12	10	—	0	—	—	—	0	6	18	—	—	4.88	—	—
Tyne & Wear																														
Newcastle Weather Centre (X)	52	10.6	4.7	7.7	—	16.9	11	-0.1	20	—	—	16	—	4	21	10	4	6	—	0	7	0	0	1	—	1	0	—	—	—
South Shields	5	10.7	4.7	7.7	—	16.6	11	0.9	20	—	—	19	—	6	19	11	6	2	0	4	0	0	0	0	—	—	0	—	—	—
Sunderland Polytechnic	56	10.8	5.2	8.0	—	16.9	11	0.7	20	—	—	17	—	4	19	10	7	1	0	0	3	0	0	0	—	0	0	5.42	—	—
Tynemouth	30	9.8	5.0	7.4	+0.3	15.9	11	0.6	20	—	—	18	47	4	19	10	6	2	0	0	4	0	0	0	1	—	6	5.16	110	—
Durham																														
Durham	102	11.1	3.1	7.1	0.0	16.5	11	-1.8	28	8.1	7.7	28	71	8	19	13	9	—	0	—	—	—	0	4	12	—	—	5.21	120	—
Low Etherley	155	10.7	2.8	6.7	—	16.6	12	-2.1	28	7.9	7.5	29	—	6	4	14	9	7	1	1	2	1	0	4	21	6	0	—	—	—
Widdybank Fell	513	7.4	0.8	4.1	—	13.4	12	-3.8	20	4.5	—	90	—	23	6	19	12	—	2	—	—	—	1	13	16	—	—	4.66	—	—
Cleveland																														
North Yorkshire																														
Askham Bryan	33	11.8	2.8	7.3	-0.3	18.5	12	-1.7	28	—	—	31	77	9	29	12	7	1	0	0	2	1	1	9	10	—	0	4.61	103	—
Cawood	6	11.9	3.6	7.7	0.0	18.5	12	-1.1	23	8.0	8.0	30	79	12	29	11	5	2	0	0	2	1	0	4	15	—	0	4.74	106	—
Church Fenton	8	11.7	—	—	—	19.4	12	—	—	—	—	32	—	11	29	12	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Fylingdales	262	(9.1)	(2.3)	5.7	—	16.3	11	-2.0	21	—	—	44	—	7	21	14	11	—	—	—	—	—	—	5	—	—	—	—	—	—
Harrogate (Bilton)	66	11.0	3.8	7.4	+0.3	17.0	12	-3.0	28	—	—	49	106	13	29	11	10	3	0	0	1	1	0	5	9	—	1	3.85	83	—
High Mowthorpe	175	9.8	3.0	6.4	-0.1	16.6	11	-1.8	20	7.0	—	34	77	7	2	13	9	—	1	—	—	—	0	5	15	—	—	—	—	—
Linton-on-Ouse	14	11.9	3.6	7.7	—	18.7	12	-1.4	28	—	—	33	—	9	29	12	8	—	—	—	—	—	—	4	—	—	—	—	—	—
Leeming (A)	32	11.5	4.0	7.7	(+0.1)	18.0	12	-1.1	28	7.9	7.9	32	83	6	4	10	10	5	0	2	2	0	1	3	15	2	0	4.46	—	—
Malham Tarn	381	8.3	2.1	5.2	-0.2	14.3	12	-2.2	18,20	6.0	—	162	—	39	18	13	9	3	0	0	3	0	0	6	15	—	0	4.51	—	—
Scarborough	110	10.0	4.5	7.3	—	17.7	11	0.9	21	7.7	7.7	23	—	5	4	11	7	1	0	1	0	0	1	0	—	—	0	5.80	—	—
Whitby	41	10.5	4.1	7.3	(+0.1)	18.3	11	-1.6	23	8.4	8.0	18	—	5	6	11	5	5	0	1	4	0	0	3	8	—	0	5.15	109	—
Whitby Coastguard	60	(10.0)	(4.0)	7.0	(+0.2)	17.7	11	-1.2	23	—	—	13	—	5	4	7	2	—	—	—	—	—	—	3	6	3	—	—	—	—
Wycliffe Hall	120	—	1.9	—	—	—	—	-1.8	28	—	—	35	—	7	4	14	9	2	0	0	0	0	0	8	20	—	0	—	—	—
Wykeham Forest	211	(9.4)	(3.3)	6.3	—	16.3	11	(-1.0)	28	(6.8)	—	30	—	7	18	10	6	—	0	—	—	—	—	4	(12)	—	—	(5.27)	—	—
Humberside																														
Cleethorpes	23	11.3	4.8	8.1	—	19.5	11	-0.7	23	—	—	24	—	4	29	11	8	—	0	—	—	—	0	1	8	5	—	5.41	—	—
Hull	2	12.0	4.6	8.3	+0.2	18.8	11	0.0	20	8.8	8.7	35	80	8	2,18	13	9	1	—	0	6	0	—	0	6	—	0	—	—	—
Lincolnshire																														
Coningsby (A)	6	12.3	3.6	7.9	—	21.2	12	-1.4	21	—	—	36	—	15	29	15	8	3	0	0	6	0	0	3	15	8	0	—	—	—
Covenham	3	—	—	—	—	—	—	—	—	—	—	28	—	7	29	12	9	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranwell (A)	62	11.8	3.4	7.6	0.0	20.5	12	-1.3	21	—	—	39	97	18	29	12	7	—	—	—	—	—	—	3	—	—	—	—	—	S
Driby	41	10.9	2.7	6.8	—	18.8	11	-1.9	27	—	—	41	—	13	29	13	11	—	—	—	—	—	—	6	—	—	—	—	—	—
Kirton	4	12.0	3.3	7.7	—	21.2	12	-1.8	28	8.6	8.5	43	—	18	29	12	10	4	0	0	2	0	0	6	12	—	1	5.50	—	—
Lincoln (Canwick)	7	12.0	3.5	7.7	—	20.5	12	-0.6	20	8.8	9.1	33	—	17	29	9	6	4	0	1	1	0	0	4	12	—	0	—	—	—
Scampton	58	—	—	—	—	—	—	—	—	—	—	33	—	14	29	9	8	—	—	—	—	—	—	—	—	—	—	—	—	—
Skegness	5	(11.1)	(4.4)	7.7	(+0.1)	19.9	11	0.1	21	—	—	33	80	10	29	12	9	—	0	—	—	—	—	0	—	—	—	5.32	109	—
Waddington (A)	68	11.7	3.7	7.7	0.0	20.4	12	-0.8	20	8.6	8.6	37	95	19	29	10	6	4	0	0	3	0	0	1	12	4	0	5.24	108	—
3 EAST ANGLIA																														
Norfolk																														
Bressingham	30	(12.5)	(3.0)	7.7	—	21.3	11	-2.0	28	—	—	47	—	20	29	13	11	2	0	2	0	0	—	5	(11)	(5)	0	—	—	—
Coltishall (A)	18	11.8	3.9	7.9	(+0.2)	21.9	11	-1.1	21	—	—	38	93	7	18	15	9	3	0	0	6	0	0	3	12	4	0	—	—	—
Cromer	54	11.6	4.8	8.2	+0.5	22.9	11	0.0	21	—	—	37	92	7	7	13	12	6	0	3	0	0	0	0	6	—	0	(5.39)	105	—
Denver	2	12.1	3.7	7.9	—	21.4	12	-0.5	28	8.6	8.6	45	—	17	29	15	12	—	0	—	—	—	0	3	—	—	—	4.99	—	S
Hemsby (A)	13	11.2	4.3	7.7	—	19.3	11	-1.3	21	8.9	8.9	27	—	5	19	13	10	3	0	3	2	0	0	1	11	1	0	6.47	—	—
Hunstanton	15	11.1	4.8	7.9	—	21.1	12	-0.2	21	—	—	30	—	8	29	11	7	0	—	0	1	0	—	1	—	—	0	5.50	—	—
Marham (A)	21	12.2	3.7	7.9	0.0	21.7	12	-1.4	21	—	—	61	157	19	29	16	11	3	1	4	4	0	0	5	—	—	0	5.04	—	—
Morley St Botolph	46	12.0	3.6	7.8	—	22.1	11	-0.6	20,29	8.6	—	45	—	16	29	14	11	4	0	0	3	0	0	4	12	—	0	5.70	—	—
Norwich Weather Centre	15	11.8	4.6	8.2	—	21.4	11	0.1	21	—	—	41	—	11	29	17	10	2	—	5	1	0	—	0	—	—	0	5.68	—	—
South Raynham	68	11.5	3.3	7.4	—	20.4	11	-1.4	21	—	—	57	—	12	29	15	11	1	0	0	3	0	1	5	11	—	0	—	—	—
Terrington St Clement	2	12.0	3.6	7.8	-0.1	21.4	12	-1.4	21	8.4	—	44	119	19	29	17	9	1	0	0	2	0	0	4	9	—	0	4.83	99	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
3 EAST ANGLIA - Continued																														
Cambridgeshire																														
Boxworth	53	12.0	3.3	7.7	(-0.2)	20.4	11	-2.5	28	—	—	37	—	20	29	11	7	1	0	0	0	1	1	3	12	—	0	4.78	(99)	-
Cambridge Botanic Garden	12	(12.7)	(4.3)	8.5	+0.1	22.4	11	-1.1	21	9.4	9.3	57	154	17	29	14	9	2	0	4	0	0	0	2	(8)	—	0	—	—	-
National Institute of Agricultural Botany	24	12.4	4.0	8.2	-0.1	21.4	11	-0.9	28	—	—	43	113	17	29	15	9	2	0	3	0	1	0	3	12	—	0	4.90	101	-
March	2	13.0	4.0	8.5	—	22.2	12	-0.8	28	—	—	35	91	15	29	13	8	—	—	—	—	—	—	2	—	—	—	—	—	-
Marholm	21	12.9	3.0	7.9	—	21.9	12	-1.9	28	—	—	44	—	18	29	14	9	2	0	2	0	1	0	6	11	—	0	—	—	-
Mepal	-2	12.7	3.3	8.0	—	21.3	12	-3.0	28	9.5	9.9	39	—	17	29	15	8	0	0	0	2	1	0	5	13	—	0	4.63	—	-
Monks Wood	39	12.8	3.4	8.1	(+0.2)	21.6	12	-2.0	28	8.9	8.6	44	—	21	29	12	9	2	0	0	1	0	0	4	11	—	0	5.33	—	-
Wittering	73	11.9	3.9	7.9	0.0	19.7	12	-0.5	20	—	—	46	—	19	29	14	10	—	—	—	—	—	—	2	—	—	—	—	—	-
Wyton (A)	40	12.4	3.9	8.1	-0.1	21.3	11,12	-0.8	20,28	—	—	39	106	20	29	11	8	2	0	0	2	0	0	2	12	7	0	5.22	—	-
Suffolk																														
Brooms Barn	75	12.1	3.6	7.9	(0.0)	21.4	11	-1.1	28	8.4	8.6	43	—	19	29	14	10	4	0	5	0	0	0	3	10	—	0	5.49	(111)	-
Cavendish	55	12.4	2.6	7.5	—	21.0	11	-3.5	21	8.7	—	44	—	20	29	14	9	3	0	0	5	0	0	7	15	—	0	5.65	—	-
East Bergholt	5	(12.9)	(3.1)	8.0	-0.1	20.5	11	-4.6	21	—	—	35	94	17	29	12	8	1	0	2	0	0	—	4	(18)	—	0	—	—	-
Honington (A)	51	12.2	3.4	7.8	—	21.0	11	-1.2	28	—	—	44	—	20	29	14	10	4	0	3	1	0	0	5	13	6	0	5.63	—	-
Levington	22	12.5	3.9	8.2	—	19.9	13	-1.6	21	8.7	—	38	—	23	29	11	7	3	0	4	0	0	1	2	14	—	0	6.23	—	-
Lowestoft	25	11.2	4.9	8.1	+0.6	15.7	9	-0.4	21	9.4	9.1	33	87	7	29	13	11	1	0	1	2	1	2	1	3	2	0	6.32	122	-
Wattisham (A)	89	12.0	3.1	7.5	0.0	20.1	11	-2.7	21	—	—	53	138	24	29	15	11	4	0	0	4	0	0	4	12	6	0	5.87	—	-
Westleton	10	(11.5)	(4.0)	7.7	—	17.5	13	-1.2	21	—	—	41	—	17	29	14	9	1	0	3	1	0	—	3	7	—	1	—	—	-
Bedfordshire																														
Bedford (A)	85	11.9	3.2	7.5	—	20.3	12	-1.9	28	—	—	47	119	26	29	11	8	—	—	—	—	—	—	4	—	—	—	—	—	-
Woburn	89	12.3	3.3	7.8	+0.1	20.4	12	-2.2	28	8.5	8.1	69	156	37	29	12	8	2	0	2	0	0	—	6	12	—	0	4.32	98	-
Hertfordshire																														
Aldenham School	91	12.2	3.9	8.1	—	21.2	12	-0.9	21	8.5	—	57	—	31	29	14	10	2	0	0	2	0	0	4	11	3	0	—	—	-
Rothamsted	128	11.6	3.2	7.4	-0.3	20.2	12	-2.0	21	8.5	7.9	73	156	31	29	14	10	2	0	2	1	1	—	6	16	—	0	5.10	109	-
Stanstead Abbotts	30	(13.0)	(3.8)	8.4	—	21.8	12	(-1.0)	21	—	—	55	—	25	29	10	8	—	0	—	—	—	—	3	—	—	—	—	—	-
Essex																														
Clacton-on-Sea	16	11.6	5.0	8.3	+0.3	19.2	13	-0.4	20	9.3	9.0	31	93	15	29	10	9	2	0	0	0	0	0	2	3	—	1	5.41	101	-
Halstead	70	12.4	3.7	8.1	—	21.6	11	-1.3	21	9.0	8.6	46	—	18	29	12	9	2	0	0	3	0	0	3	—	—	0	—	—	-
Rettendon	16	12.5	3.9	8.2	—	21.5	11	-2.7	21	—	—	53	—	23	29	13	8	3	0	3	0	1	0	3	9	—	0	5.59	—	-
Shoeburyness Landwick (A)	2	12.3	4.7	8.5	—	19.4	11	-2.2	21	—	—	42	—	24	29	9	8	—	—	—	—	—	—	2	—	—	—	—	—	-
Southend	2	12.3	5.1	8.7	—	20.4	13	-1.7	21	—	—	(45)	—	23	29	11	9	2	0	0	1	0	—	2	—	—	1	6.26	—	-
Stansted (A)	101	12.1	3.5	7.8	0.0	21.3	11	-2.2	21	8.3	—	57	140	25	29	14	10	3	0	2	2	3	0	4	10	6	0	—	—	-
Writtle	35	12.8	3.5	8.1	0.0	22.0	12	-3.2	21	9.3	—	56	150	25	29	12	8	3	0	2	0	1	0	5	13	—	0	5.74	120	-
4 MIDLAND COUNTIES																														
West Yorkshire																														
Bradford	134	11.0	4.0	7.5	+0.2	15.8	12	-1.8	20	7.8	7.3	56	102	23	29	13	8	3	0	2	0	0	0	1	12	—	0	3.94	91	S
Bramham	54	11.6	3.7	7.7	+0.3	18.2	12	-1.6	28	—	—	45	—	15	2	11	6	3	0	1	2	1	0	4	19	9	2	4.64	(107)	-
Emley Moor	259	9.8	3.5	6.7	—	17.0	12	-1.5	20	—	—	52	—	20	29	14	8	4	0	—	—	—	—	3	10	—	—	—	—	-
Holme Moss	520	(7.5)	(1.4)	4.5	—	15.6	12	-4.0	19	—	—	93	—	26	2	16	14	—	0	0	3	0	6	8	—	—	6	—	—	-
Leeds Weather Centre (X)	62	11.9	5.1	8.5	—	19.1	12	0.1	20	—	—	39	—	18	29	12	9	4	—	1	4	1	—	0	—	—	0	4.91	—	-
Wilsden (A)	262	9.9	3.4	6.7	—	17.7	12	-1.9	20	—	—	70	—	23	29	13	7	1	0	0	3	0	0	1	10	8	1	—	—	-
South Yorkshire																														
Finningley (A)	10	12.3	3.8	8.1	—	20.3	12	-1.2	18	8.1	—	36	—	16	29	10	8	3	0	2	2	0	0	3	15	6	0	4.86	—	-
Sheffield, Weston Park	131	(11.4)	(4.5)	7.9	-0.1	19.7	12	-0.3	20,21	(8.4)	8.1	67	127	27	29	12	8	2	0	1	0	1	—	2	—	—	0	4.31	107	-
Derbyshire																														
Ashover	178	11.0	3.6	7.3	—	17.8	12	-2.1	21	—	—	65	—	21	29	14	10	4	0	1	3	2	0	3	14	—	0	—	—	-
Buxton	307	9.5	3.1	6.3	+0.3	16.4	12	-1.6	20	6.9	6.7	80	96	26	29	16	11	3	1	0	1	0	0	4	15	—	0	4.39	108	S
Wingerworth	116	11.4	3.5	7.5	—	18.4	12	-1.6	21	8.4	—	57	—	20	29	13	8	3	0	0	2	2	0	3	17	3	0	4.44	—	-
Nottinghamshire																														
Clarborough	21	12.2	3.1	7.7	—	20.7	12	-1.8	18	8.7	8.3	50	—	19	29	10	9	—	0	—	—	—	0	7	18	—	—	4.57	—	S
Keyworth	69	11.6	4.1	7.9	—	19.2	12	-0.6	20	—	—	44	—	16	29	12	10	4	0	0	4	1	0	1	12	—	0	—	—	-
Southwell	70	11.7	3.6	7.7	—	19.2	12	-2.0	26	8.8	8.3	43	—	23	29	10	8	—	0	—	—	—	0	4	18	—	—	4.58	—	S
Sutton Bonington	48	11.9	3.8	7.9	+0.1	18.9	12	-2.5	28	8.2	8.2	56	143	21	29	12	10	2	0	0	0	0	0	4	13	7	0	4.89	114	-
Warsop	46	12.0	3.4	7.7	+0.3	19.0	12	-2.1	18	—	—	50	118	19	29	11	8	2	0	0	1	0	0	5	17	—	0	4.45	103	-
Nottingham W.C. (A)	117	11.4	3.9	7.7	0.0	19.7	12	-0.6	20	8.7	—	52	111	21	29	14	9	3	0	0	3	1	0	1	14	8	0	4.70	117	-
Wiseton	6	11.8	2.4	7.1	—	19.7	12	-3.5	28	—	—	48	—	19	29	10	9	1	0	0	0	0	3	7	—	—	0	4.71	—	-
Staffordshire																														
Cellarhead	228	10.2	2.6	6.4	—	16.4	12	-2.8	20	—	—	68	—	29	29	14	12	3	0	—	—	—	—	6	19	9	—	—	—	-
Keele (A)	179	11.2	3.5	7.3	+0.1	16.5	12	-1.8	20	7.2	7.3	48	92	25	29	13	11	1	0	0	0	0	0	2	15	6	0	4.88	112	S
Penkridge	101	(11.9)	(3.7)	7.8	+0.4	18.0	12	-3.0	20	—	—	63	128	27	29	13	10	1	0	0	0	0	—	3	(15)	—	0	3.97	—	-
Leicestershire																														
Brooksby Hall	70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Caldecott	53	12.2	3.4	7.8	+0.2	20.5	12	-2.5	28	—	—	46	116	23	29	14	10	1	0	1	1	1	0	6	14	—	0	4.66	105	-
Cottesmore	138	11.4	—	—	—	19.6	12	—	—	—	—	53	—	22	29	12	10	—	—	—	—	—	—	—	—	—	—	—	—	-
Newtown Linford	119	11.6	3.6	7.6	+0.1	19.1	12	-1.3	21	—	—	71	147	25	29	15	13	2	0	0	0	1	0	3	11	—	0	4.35	104	S
Shropshire																														
Edge	126	11.8	3.7	7.7	—	15.2	15	-1.3	18	—	—	62	—	32	29	15	10	2	0	2	0	0	0	3	17	—	0	—	—	-
Ludlow College	107	(11.9)	(3.9)	7.9	—	16.3	12	-0.7	20	—	—	66	—	27	29	14	10	1	0	0	1	0	—	2	—	—	0	—	—	-
Nethercott	150	12.1	3.3	7.7	—	16.6	12	-1.8	21	—	—	67	—	31	29	14	11	2	0	1	2	0	1	4	13	—	0	—	—	-
Newcastle-on-Clun	210	11.2	3.2	7.2	—	15.4	10	-2.3	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	—	—	—	—	—	-
Oswestry School	139	11.7	4.3	8.0	—	16.6	12	-0.5	20	—	—	76	—	36	29	14	10	1	0	1	0	0	0	1	—	—	0	—	—	-
Pennerley	357	8.7	1.9	5.3	—	12.8	15	-2.4	17	—	—	100	—	40	29	19	12	1	1	0	0	0	2	3	15	—	0	—	—	-
Preston Montford	67	(12.3)	3.6	7.9	—	16.9	12	-2.6	20	8.4	8.3	55	—	29	29	15	9	0	0	0	0	0	0	3	17	—	0	4.33	—	-
Shawbury (A)	72	12.2	3.2	7.7	0.0	17.8	12	-1.6	20	8.1	—	54	122	29	29	15	10	2	0	0	3	0	0	7	17	10	0	4.65	100	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation															
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average *	Exposure
4 MIDLAND COUNTIES - Continued																														
West Midlands																														
Birmingham																														
Elmdon Airport (A)	98	11.8	3.6	7.7	+0.1	18.0	12	-2.1	23	8.0	–	70	160	27	29	16	11	5	0	1	4	1	0	3	13	7	0	4.46	99	-
Winterbourne	140	11.4	4.3	7.9	–	17.6	12	-1.0	21	8.8	8.0	76	–	30	29	18	14	5	0	6	0	0	0	2	13	7	1	4.69	–	-
Halesowen	155	12.1	3.6	7.9	+0.2	18.2	12	-2.0	20,21	8.4	8.5	72	139	30	29	16	11	4	0	0	2	0	0	6	13	7	0	4.45	103	S
Walsall	163	11.7	3.9	7.8	0.0	18.1	12	-2.4	20	–	–	78	–	34	29	16	12	3	0	0	2	0	–	2	13	–	0	–	–	-
Warwickshire																														
Coventry (Bablake)	93	12.2	4.3	8.3	–	19.0	12	-1.3	20	9.1	8.1	69	–	31	29	14	11	4	0	1	1	0	0	2	10	8	0	4.60	–	-
Rugby	117	11.8	3.5	7.7	(-0.2)	18.8	12	-3.0	21	8.8	8.7	60	135	27	29	15	10	2	0	0	1	1	–	4	13	8	0	–	–	-
Stratford-upon-Avon	49	12.4	3.2	7.8	-0.1	18.5	12	-3.1	21	9.2	–	61	148	30	29	14	11	–	0	–	–	–	0	6	20	–	–	4.56	103	-
Wellesbourne	47	12.5	3.6	8.1	+0.2	19.6	12	-2.0	20	8.3	8.2	59	159	27	29	14	9	0	0	0	4	2	0	5	15	8	0	4.85	106	-
Northamptonshire																														
Moulton Park	122	12.0	3.4	7.7	–	19.7	12	-1.9	20	9.0	8.6	58	–	30	29	11	11	2	0	0	1	1	–	6	13	–	0	4.78	–	S
Raunds	59	12.9	3.5	8.2	+0.2	21.5	12	-2.0	28	9.5	8.7	49	119	27	29	12	8	1	0	0	2	0	0	5	14	–	0	–	–	S
Hereford & Worcester																														
Astwood Bank	139	11.7	3.4	7.5	–	17.5	12	-2.0	20	–	–	58	–	31	29	16	11	4	0	0	2	0	0	5	11	–	0	–	–	-
Barbourne	25	13.4	3.6	8.5	–	18.5	12	-2.0	21	–	–	66	–	29	29	11	10	2	0	1	1	0	0	4	17	–	0	–	–	-
Batchley Farm	247	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Great Malvern	44	13.0	4.6	8.8	–	18.6	12	-0.9	21	–	–	73	–	32	29	15	10	0	–	–	–	–	–	2	–	–	–	–	–	-
Lyonshall	155	11.6	3.9	7.7	-0.1	16.5	11	-0.5	20	–	–	69	135	31	29	16	11	–	–	–	–	–	–	1	15	–	–	–	–	-
Madley	77	12.4	3.7	8.1	–	16.8	10	-2.5	27	–	–	71	–	28	29	13	10	0	0	0	0	0	0	2	12	–	0	–	–	-
Malvern	62	12.8	4.8	8.8	+0.2	18.6	12	-0.3	20	9.2	8.6	75	159	32	29	16	10	1	0	1	1	0	0	1	14	–	0	4.25	89	S
Pershore College of Hort.	40	12.4	4.1	8.3	-0.1	17.9	12	-1.5	20	–	–	49	128	25	29	14	10	0	0	0	0	0	0	3	14	–	1	–	–	S
Preston Wynne	84	12.3	3.8	8.1	+0.4	15.9	12	-1.0	20	–	–	55	128	25	29	10	8	–	0	–	–	–	0	4	(16)	–	–	(4.44)	89	-
Ross on Wye	67	12.6	4.5	8.5	+0.1	17.8	10	-1.2	20	9.8	–	66	154	18	29	14	11	0	0	0	0	1	–	3	13	–	0	4.89	102	-
Gloucestershire																														
Cheltenham	65	12.6	3.9	8.3	-0.2	17.1	15	-1.4	20	–	8.7	86	192	27	29	16	15	0	0	3	0	0	0	1	–	–	1	4.15	86	-
Cirencester	135	(11.7)	(3.3)	7.5	–	16.5	10	(-3.0)	21	(8.7)	–	72	–	35	29	14	11	0	0	0	0	0	–	6	(15)	–	0	–	–	-
Didbrook Fields	80	11.9	3.4	7.7	–	17.4	12	-2.6	20	–	–	61	–	28	29	14	11	3	–	0	1	0	0	6	–	–	0	–	–	-
Randwick	200	10.8	3.5	7.1	–	16.2	12	-2.5	20	8.4	–	65	–	25	29	14	13	2	0	0	0	0	0	4	11	–	1	–	–	-
Slimbridge	5	12.3	3.6	7.9	–	17.4	10	-3.3	21	–	–	54	–	21	29	13	11	1	0	0	0	1	0	3	15	–	0	–	–	-
Westonbirt	122	11.5	3.1	7.3	–	16.5	12	-2.8	21	9.3	8.8	63	–	27	29	15	11	2	0	2	2	1	0	7	16	–	0	4.78	–	S
Oxfordshire																														
Benson (A)	67	12.3	4.1	8.2	–	18.9	12	-1.0	20	–	–	58	148	23	29	13	8	–	–	–	–	–	–	4	–	–	–	–	–	-
Brize Norton (A)	81	12.2	4.0	8.1	-0.1	18.2	12	-1.4	21	8.9	–	60	–	31	29	14	8	3	0	1	1	1	0	3	9	6	0	5.65	–	-
Oxford (A)	63	12.2	4.6	8.4	-0.2	18.6	12	-0.7	20	9.6	9.0	56	137	27	29	14	5	1	0	1	0	1	0	1	13	5	0	5.22	105	-
Shirburn (Model Farm)	108	12.1	3.5	7.8	–	20.2	12	-1.7	23	9.0	8.7	66	–	25	29	14	9	5	0	1	2	1	0	6	13	–	0	–	–	-
Wallingford	48	12.4	3.5	7.9	(-0.2)	19.2	12	-2.4	23	9.2	–	61	–	24	29	14	10	0	0	0	0	0	–	7	16	–	0	4.24	(86)	S
Buckinghamshire																														
Grendon Underwood	67	12.6	2.7	7.7	+0.2	19.5	12	-4.6	23	8.8	–	54	131	31	29	8	7	–	0	–	–	–	2	7	–	–	–	–	–	-
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	12.8	4.4	8.6	(-0.4)	21.3	12	-1.0	21	–	–	58	145	29	29	11	8	1	0	0	0	0	0	1	4	–	0	(5.27)	116	-
Hampstead	137	12.2	4.5	8.3	+0.1	20.6	11	-0.9	20	–	–	61	–	33	29	13	10	3	0	0	0	0	0	2	10	–	0	–	–	-
Heathrow Airport (A)	25	13.1	4.8	8.9	0.0	21.0	11,12	-0.7	21	–	–	53	129	29	29	11	10	1	0	2	1	0	0	2	9	4	0	5.28	108	-
Kew																														
Royal Botanic Gardens	6	13.2	4.5	8.9	–	21.7	12	-1.9	21	9.2	9.1	63	149	32	29	15	10	1	0	1	0	0	0	2	7	6	0	5.40	–	-
London																														
Weather Centre (A) (X)	77	13.0	6.3	9.7	–	21.5	12	1.1	20	–	–	47	–	30	29	10	7	2	–	1	1	1	0	0	–	–	0	5.11	–	-
Northolt	34	13.0	4.5	8.7	–	22.1	12	-1.8	21	–	–	.52	–	28	29	14	9	2	0	1	1	0	0	1	12	4	0	–	–	-
Northwood	85	12.3	4.3	8.3	–	21.0	12	-0.3	21	–	–	59	–	29	29	14	11	1	0	2	0	1	0	1	–	–	0	–	–	-
St James's Park	9	13.1	5.7	9.4	0.0	21.1	11,12	1.1	20	9.8	9.7	59	137	32	29	11	8	–	0	–	–	–	–	0	9	–	–	–	–	-
Waltham Cross	32	13.2	–	–	–	22.0	12	–	–	9.2	–	55	–	26	29	14	10	–	0	–	–	–	–	–	16	–	–	4.93	–	S
Wiltshire																														
Boscombe Down (A)	126	11.5	3.6	7.5	-0.6	17.5	13	-1.9	20,21	–	–	56	134	21	29	14	8	–	–	–	–	–	–	5	–	–	–	–	–	-
Lacock	49	12.1	3.2	7.7	-0.1	17.0	13	-3.0	21	–	–	52	118	21	29	11	9	1	0	1	0	0	0	6	12	–	0	–	–	-
Larkhill	132	11.5	3.4	7.5	-0.4	17.4	13	-1.5	20	–	–	65	–	22	29	16	9	–	–	–	–	–	–	5	–	–	–	–	–	-
Lyneham (A)	145	11.6	3.5	7.5	-0.3	17.0	12	-1.7	20	–	–	66	147	25	29	14	11	3	0	0	2	1	0	4	13	7	–	5.02	96	-
Marlborough	129	12.1	2.9	7.5	-0.1	17.9	13	-3.0	23	–	–	73	146	27	29	14	9	3	0	0	2	1	0	6	–	–	0	4.91	(96)	-
Netheravon	129	11.5	2.8	7.1	–	17.1	13	-2.8	18	–	–	63	–	25	29	14	10	–	–	–	–	–	–	6	–	–	–	–	–	-
Berkshire																														
Arborfield	49	12.3	3.5	7.9	–	19.5	12	-2.8	21	–	–	49	–	28	29	13	8	0	0	0	0	0	2	2	12	–	0	5.00	–	-
Easthampstead	74	12.4	3.8	8.1	–	19.9	12	-2.3	21	8.7	8.8	50	–	27	29	12	8	1	0	0	3	2	0	4	15	10	0	5.12	–	-
Hurley	43	12.3	3.9	8.1	-0.1	19.8	12	-2.2	21	8.7	–	62	133	32	29	13	11	0	0	0	2	3	0	2	13	–	0	4.79	100	-
Lambourn (Warren Farm)	192	11.0	2.8	6.9	–	16.8	12	-2.0	18	8.2	–	67	–	28	29	15	9	–	0	–	–	–	–	6	–	–	–	–	–	-
Reading	66	12.3	4.5	8.4	–	19.6	12	-1.1	21	8.6	8.5	59	–	31	29	14	8	0	0	0	2	1	0	1	14	7	0	4.52	–	-
Surrey																														
Merrist Wood	45	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Mickleham	55	12.9	2.9	7.9	0.0	20.1	12	-3.5	21	9.3	8.9	63	132	24	29	11	10	0	0	0	2	2	0	5	13	–	0	–	–	-
Wisley	32	12.9	4.3	8.6	+0.1	20.6	12	-2.2	21	9.0	9.1	62	148	27	29	12	10	1	0	0	0	2	0	3	14	–	1	5.03	104	S
Kent																														
Anvil Green	139	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5	–	–	–	–	-
Charing	91	11.7	4.0	7.9	–	19.7	12	-2.1	21	–	–	65	–	25	29	13	8	2	0	2	0	0	0	1	9	–	0	–	–	-
East Malling (A)	33	12.7	4.7	8.7	+0.5	20.8	12	-2.4	21	9.2	9.1	61	144	24	29	10	8	3	0	0	0	0	0	1	12	6	0	5.58	112	-
Edenbridge	45	12.6	3.1	7.9	–	21.3	12	-3.5	21	–	–	65	–	27	29	12	11	–	–	–	–	–	–	4	–	–	–	–	–	-
Elmstone	5	12.9	3.5	8.2	–	23.5	12	-4.5	21	–	–	53	–	25	29	12	9	2	0	0	0	0	0	2	–	–	0	–	–	-
Folkestone	31	11.8	4.5	8.1	–	20.1	12	-3.9	21	–	9.4	58	–	27	29	14	8	1	0	0	2	0	0	2	6	–	1	6.36	112	-
Goudhurst	85	12.6	3.7	8.1	+0.3	20.8	12	-3.3	21	–	–	61	128	23	29	11	9	0	0	1	1	0	0	4	15	–	0	–	–	-
Hadlow College	27	12.9	3.3	8.1	–	20.6	12	-4.0	21	8.3	–	57	–	27	29	9	8	0	0	1	0	0	0	5	–	–	0	4.64	–	-
Herne Bay	27	11.7	5.5	8.6	–	22.0	12	0.0	21	9.3	8.9	53	–	28	29	14	6	0	0	1	1	0	0	0	5	1	0	6.21	–	-
Manston (A)	44	11.9	4.8	8.3	+0.2	20.5	11	-1.5	21	9.5	–	44	133	27	29	13	7	1	0	0	2	0	0	1	6	2	0	6.14	–	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall (09 to 09 GMT) Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																														
Kent - Continued																														
Margate, North Down	40	12.1	5.5	8.8	–	21.6	11	-0.4	21	10.4	9.8	49	–	28	29	13	9	1	0	0	1	0	0	1	5	–	0	–	–	–
Ulcombe	47	12.5	3.9	8.2	–	20.5	11	-4.1	21	–	–	56	–	25	29	9	6	2	0	0	2	1	0	3	11	8	0	5.70	–	–
Wye	56	12.0	3.7	7.9	-0.2	20.8	12	-3.8	21	9.1	9.0	58	136	21	29	10	9	1	0	1	1	0	1	2	10	–	0	5.91	116	–
Hampshire																														
Alice Holt Lodge	115	12.2	3.2	7.7	-0.2	18.7	13	-2.5	21	–	–	65	137	22	29	13	10	3	0	2	0	2	0	6	17	–	0	4.67	94	S
Butser, Windmill Hill	160	11.7	3.1	7.4	–	15.5	10,12	-3.0	21	8.7	8.4	51	–	22	29	10	7	0	0	0	0	1	4		16	–	0	–	–	–
Everton	16	12.2	4.8	8.5	+0.1	19.6	13	0.0	21	–	–	42	103	22	29	11	6	0	0	0	0	0	0	0	10	–	0	5.80	98	–
Hayling Island	4	12.0	5.5	8.7	+0.1	20.1	13	1.0	21	–	–	34	88	15	29	10	7	0	0	0	0	0	1	0	–	–	0	(5.91)	99	–
Kingsclere, Strattons Farm	102	11.8	3.4	7.6	–	17.6	12	-1.6	21,23	–	–	68	–	28	29	13	10	1	0	0	1	1	0	5	12	–	0	–	–	–
Leckford	117	11.9	3.6	7.7	-0.3	18.0	13	-1.2	18	8.1	–	62	130	20	29	11	9	0	0	0	0	1	3		–	–	0	–	–	–
Long Sutton	145	11.4	3.6	7.5	(-0.3)	17.4	13	-1.6	18	8.9	8.7	62	128	22	29	14	10	3	0	0	3	1	0	5	13	7	0	4.69	94	–
Martyr Worthy	84	12.2	3.4	7.8	(-0.3)	18.3	13	-2.9	21	–	–	55	–	20	29	12	8	0	0	0	0	0	1	4	12	–	0	–	–	–
Middle Wallop	90	12.1	3.8	7.9	–	18.1	13	-1.7	21	–	–	65	–	21	29	13	8	–	–	–	–	–	–	4	–	–	–	–	–	–
Odiham	118	11.7	4.0	7.9	–	17.8	13	-0.5	21	–	–	52	–	19	29	14	9	3	0	2	0	2	0	3	9	5	0	5.02	–	–
Otterbourne	34	12.6	3.8	8.2	–	19.1	13	-2.4	21	(9.6)	(8.9)	45	–	18	29	13	8	–	0	–	–	–	–	4	(10)	–	–	–	–	–
Solent M R S C	9	12.3	5.8	9.1	–	21.2	13	0.9	23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	3	–	–	–	–	–
Southampton Mayflower Park	3	12.7	5.2	8.9	–	20.2	13	0.1	21	9.9	10.1	40	–	15	29	10	8	0	0	0	0	1	0		9	4	0	5.12	–	–
Weather Centre (X)	19	12.6	5.6	9.1	–	19.7	13	0.7	21	–	–	43	–	16	29	10	8	0	–	0	0	0	1	0	–	3	0	–	–	–
South Farnborough	69	12.5	3.7	8.1	-0.2	19.5	12	-2.7	21	–	–	53	–	26	29	13	8	–	–	–	–	–	–	3	–	–	–	–	–	–
Southsea	2	12.1	5.7	8.9	-0.2	20.5	13	1.4	20	10.1	9.6	37	94	16	29	11	6	0	0	0	0	0	0	0	5	–	0	5.69	99	–
Sparsholt	113	11.7	3.5	7.6	–	17.2	13	-1.0	18	–	–	54	112	19	29	12	9	0	0	0	0	0	2	5	10	–	0	–	–	–
Isle of Wight																														
Ryde	4	12.0	5.8	8.9	-0.1	18.1	13	1.6	21	–	–	36	83	16	29	10	7	0	0	1	0	0	1	0	–	–	0	5.95	105	–
St Catherines Point	16	11.2	5.8	8.5	–	19.4	13	1.1	17	–	–	42	93	23	29	9	6	0	0	1	0	0	1	0	–	–	0	–	–	–
Sandown	4	12.0	5.1	8.5	-0.4	18.9	13	-1.6	21	–	–	39	–	18	29	8	8	0	0	0	0	0	0	1	–	–	0	5.61	92	–
Shanklin	55	11.7	4.7	8.2	-0.1	20.0	13	-1.0	21	–	–	41	80	24	29	9	7	0	0	0	1	0	3	1	–	–	0	6.32	99	–
Ventnor Park	135	12.0	5.4	8.7	+0.2	20.1	13	0.6	18	10.0	–	41	83	27	29	9	7	0	0	0	0	1	0		–	–	1	6.43	104	–
Wellow	25	12.1	4.3	8.2	–	19.2	13	-0.7	21	–	–	44	–	21	29	9	8	–	–	–	–	–	–	2	11	–	–	–	–	–
West Sussex																														
Bognor Regis	7	11.5	5.3	8.4	0.0	19.6	13	0.7	18	–	9.6	44	99	20	29	11	9	0	0	0	0	1	1	0	3	–	1	6.41	108	–
Gatwick Airport (A)	59	12.4	3.8	8.1	+0.1	20.4	12	-3.3	21	9.8	–	69	144	25	29	14	9	3	0	1	0	3	0	2	14	4	0	5.50	108	–
Rogate	64	12.6	(3.8)	8.2	–	18.6	13	-2.0	21	(9.5)	–	56	–	18	29	11	8	0	0	0	0	0	–	3	9	–	0	(5.24)	–	S
Rustington	3	12.3	4.4	8.3	–	20.5	13	-2.5	21	–	9.3	46	–	23	29	11	9	0	0	1	1	1	1	2	11	–	0	5.93	–	–
Worthing	2	11.8	(4.3)	8.1	–	20.7	13	-2.5	21	9.7	–	47	–	22	29	10	7	0	0	0	1	1	2		9	–	0	(6.27)	107	–
East Sussex																														
Bexhill	4	12.1	5.5	8.8	+0.4	20.0	13	-0.7	21	9.9	9.7	49	113	25	29	13	5	0	0	0	0	0	0	1	4	–	0	5.31	95	–
Brede	82	12.2	–	–	–	19.0	13	–	–	–	–	54	–	21	29	12	7	–	0	–	–	–	–	–	–	–	–	–	–	–
Brighton	116	11.9	(4.9)	8.4	–	20.5	13	0.2	20	–	–	48	–	26	29	9	6	2	0	2	0	0	–	0	8	–	0	(5.90)	–	–
Eastbourne	7	12.0	5.7	8.9	+0.4	21.0	13	-0.3	21	9.9	10.0	43	96	25	29	9	6	1	0	0	0	1	2	1	2	–	1	6.53	109	–
East Hoathly	38	12.6	3.4	8.0	–	21.0	13	-4.4	21	–	–	50	–	24	29	11	7	0	0	–	–	–	–	4	15	6	–	5.31	–	–
Hastings	45	11.8	5.4	8.6	+0.2	19.6	13	0.2	21	10.3	9.9	54	128	25	29	10	8	4	0	0	1	1	1	0	7	1	1	6.11	110	–
Herstmonceux (A)	17	12.2	4.3	8.3	–	19.5	13	-2.5	21	–	–	49	–	26	29	11	7	3	0	0	1	1	0	2	12	4	0	6.24	–	–
Plumpton	76	12.2	4.2	8.2	–	19.9	13	-2.4	21	–	–	67	112	24	29	12	8	0	0	1	0	0	1	2	11	–	0	6.07	–	–
7A ENGLAND NW & I.o.M.																														
Cumbria																														
Aspatria	61	11.4	4.0	7.7	–	16.1	15	-3.6	20	–	–	75	–	33	1	17	10	2	0	1	0	0	0	5	10	–	0	5.26	–	–
Carlisle (A)	26	11.8	4.2	8.0	+0.5	16.7	15	-2.2	20	–	–	46	103	12	1	18	11	–	–	–	–	–	–	3	–	–	–	–	–	–
Casterton	129	10.7	3.7	7.2	–	16.8	12	-2.5	20	–	–	75	–	39	1	11	7	0	0	1	2	0	0	4	16	–	0	–	–	–
Eskmeals (A)	8	11.7	4.9	8.3	–	15.6	12,25, 26	-2.2	20	8.8	8.5	61	–	15	29	18	8	0	–	0	0	0	0	4	–	–	0	–	–	–
Grizedale	91	(10.8)	(3.9)	7.3	–	15.0	12	-3.3	20	(7.9)	–	112	112	51	1	13	11	0	0	0	0	0	–	4	14	–	0	–	–	–
Newton Rigg	171	10.9	3.1	7.0	+0.2	16.0	15	-3.5	20	7.8	–	72	156	18	1	16	12	2	0	1	0	0	0	5	15	–	1	5.08	110	–
Sellafield (A)	22	(11.1)	(4.7)	7.9	–	14.7	12	-1.0	20	–	–	49	–	10	1	14	9	–	–	–	–	–	–	3	8	–	–	5.15	–	–
Stainburn	26	(11.9)	(4.5)	8.2	–	17.0	15	-2.5	20	(9.6)	–	80	–	24	1	17	12	0	0	0	1	0	–	1	10	2	0	–	–	–
Whins Pond	125	–	–	–	–	–	–	–	–	–	–	61	–	12	6	16	12	–	–	–	–	–	–	–	–	–	–	–	–	S
Lancashire																														
Aughton (A)	54	11.6	4.6	8.1	–	17.1	12	-1.0	20	8.4	8.4	41	–	15	29	11	6	0	0	0	0	0	0	1	12	4	0	5.28	–	–
Hazelrigg	95	10.8	4.3	7.5	–	17.1	12	-1.6	20	7.5	7.7	49	–	15	1	11	10	2	0	0	0	0	0	1	11	5	1	4.90	–	–
Lathom Park	55	11.6	4.2	7.9	–	17.8	12	-1.3	20	9.2	–	45	–	14	29	11	7	0	0	0	0	0	–	1	–	–	0	4.90	–	S
Morecambe	7	11.6	5.7	8.7	+0.6	18.1	12	0.3	20	–	–	41	71	9	1	10	9	0	0	1	0	0	0	0	–	–	0	5.05	97	–
Myerscough	14	12.5	4.1	8.3	–	18.2	12	-2.2	20	8.8	8.5	63	–	18	29	13	9	0	0	1	0	0	–	2	12	–	3	4.83	–	S
Preston	33	11.8	4.7	8.3	+0.4	18.0	12	-1.0	20	–	–	54	93	15	1	13	9	0	0	0	0	0	0	1	–	–	0	–	–	–
Slaidburn	192	10.4	3.6	7.0	+0.4	17.1	12	-1.6	20	–	–	101	117	47	1	13	7	3	0	0	0	0	–	2	14	–	0	4.94	107	–
Squires Gate Airport (A)	10	11.8	5.0	8.4	+0.7	18.1	12	-2.0	20	–	–	43	90	14	29	12	7	0	0	0	0	0	0	2	9	3	0	5.36	96	–
Merseyside																														
Aigburth (A)	12	11.9	5.3	8.6	–	17.3	12	0.2	20	–	–	32	–	16	29	10	6	0	0	0	2	0	0	0	6	2	0	–	–	–
Bidston	60	11.9	5.8	8.9	–	17.6	12	2.2	20	–	–	30	67	17	29	10	7	0	0	0	0	0	0	0	3	–	0	5.05	–	–
Crosby	6	11.9	5.0	8.5	–	17.5	12	-2.0	20	–	–	36	–	15	29	12	6	0	–	0	0	0	0	3	–	–	1	–	–	–
Southport, Greenbank	15	11.6	5.3	8.5	–	17.1	12	1.6	20	8.6	8.4	38	–	12	29	11	7	0	0	0	0	0	0	0	4	1	0	5.11	–	–
Greater Manchester																														
Bolton	107	12.4	–	–	–	18.5	12	–	–	–	–	78	–	17	2	15	11	–	0	–	–	–	0	–	–	–	–	–	–	S
Manchester Ringway Airport (A)	75	11.9	4.2	8.1	+0.1	18.8	12	-1.3	20	–	–	32	64	16	29	11	6	2	0	0	1	0	0	1	14	7	0	5.05	108	–
Cheshire																														
Bradeley Green	115	11.6	3.5	7.5	–	16.9	12	-2.2	20	–	–	49	–	31	29	13	8	0	0	0	0	0	0	2	–	–	0	–	–	–
Delamere Forest	68	(13.0)	(4.1)	8.5	–	18.5	12,13	-2.9	20	–	–	(40)	–	24	29	12	8	0	0	0	0	0	–	3	(14)	–	0	–	–	–
Knutsford	65	12.4	3.8	8.1	(0.0)	19.2	12	-2.0	20	8.5	8.0	35	–	18	29	14	8	1	0	0	2	1	–	3	16	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall (09 to 09 GMT) Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg.C	Concrete min. below 0 deg.C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
7A ENGLAND NW & I.o.M. - Continued																														
Cheshire - Continued																														
Macclesfield	143	11.5	—	—	—	18.2	12	—	—	—	—	41	72	15	29	12	7	3	0	0	0	0	—	—	—	—	0	—	—	-
Nantwich, Reaseheath Hall	40	13.0	3.5	8.3	—	18.4	14	-2.0	20	—	—	31	—	15	29	10	8	0	0	0	0	1	0	5	13	—	1	—	—	-
Ness Gardens	30	12.4	4.2	8.3	—	17.9	12	-1.0	20	8.9	—	33	—	22	29	11	5	1	0	0	0	0	0	1	17	—	0	4.94	—	S
Isle of Man																														
Douglas	85	10.1	5.2	7.7	+0.2	13.9	15	1.5	20	—	—	79	120	15	11	14	12	0	0	0	0	0	0	0	2	—	2	5.15	86	-
Point of Ayre (A)	9	11.1	5.8	8.5	+0.5	15.0	9	2.2	6,20	—	—	75	164	16	6	13	10	0	0	0	0	0	0	0	—	—	0	5.88	98	-
Ronaldsway Airport (A)	16	10.7	5.5	8.1	+0.5	13.0	14	1.4	20	—	—	77	149	15	11	17	14	0	0	0	0	0	0	0	4	0	2	5.58	95	-
7B WALES N																														
Gwynedd																														
Aber	10	11.8	6.3	9.1	—	17.1	10	2.8	15	8.9	—	110	—	35	1	15	10	0	0	1	0	1	0	0	—	—	0	5.18	—	-
Amlwch, Anglesey	114	10.1	5.2	7.7	—	13.1	10	1.5	20	—	—	88	—	23	29	17	11	0	0	0	0	0	0	0	3	—	3	—	—	-
Arthog, Fegla Fach Farm	7	12.4	5.5	8.9	—	19.4	13	-1.3	20	—	—	133	—	27	29	16	15	0	0	0	0	0	0	3	—	—	0	—	—	-
Bala	163	10.8	3.8	7.3	—	16.0	15	-3.7	20	8.3	8.0	148	197	47	1	19	14	1	0	1	0	0	0	4	13	7	0	4.24	—	-
Betws-y-Coed	20	12.7	4.6	8.7	—	17.6	10	-2.3	20	9.4	8.8	137	—	51	1	15	11	0	0	0	0	0	0	5	15	10	0	—	—	-
Botwnnog	34	11.1	4.5	7.8	—	14.1	27	-0.4	18	9.9	9.7	106	—	33	29	17	13	0	0	0	0	0	1	1	9	—	6	—	—	-
Dinorwic	296	9.9	4.4	7.1	—	17.0	13	-0.8	20	—	—	164	—	37	1	20	17	2	0	0	0	0	1	1	8	—	5	—	—	-
Llanymawddwy	145	11.0	4.3	7.7	—	17.3	13	-3.1	20	—	—	251	—	96	1	19	15	2	0	3	1	0	0	2	11	—	0	—	—	-
Nantmor	58	11.8	5.7	8.7	—	18.6	15	-0.3	20	—	—	154	—	44	1	20	14	0	0	2	0	0	0	1	—	—	0	—	—	-
Pen-y-Ffridd	84	12.0	5.5	8.7	+0.6	15.6	10	0.9	18	—	—	105	154	29	1	17	12	0	0	0	0	0	0	0	8	—	1	4.82	90	S
Trawsfynydd (A)	193	11.1	3.5	7.3	—	18.1	15	-3.4	20	—	—	187	—	61	1	18	16	1	0	1	2	0	1	2	12	6	1	—	—	-
Valley (A)	10	11.3	6.0	8.7	+0.5	15.2	27	1.0	20	9.3	—	78	150	24	29	20	11	0	0	0	3	0	0	0	4	2	2	5.32	88	-
Clwyd																														
Alwen	335	10.3	2.4	6.3	+0.9	15.4	10	-3.4	20	—	—	124	159	31	29	19	14	0	0	0	0	0	0	8	15	—	0	—	—	-
Colwyn Bay	36	11.6	5.4	8.5	—	18.0	12	1.1	26	9.2	—	62	—	25	29	14	10	0	0	1	0	0	0	0	—	—	0	5.01	—	-
Cynwyd	208	10.8	3.7	7.3	—	16.2	10,11	-3.0	20	—	—	110	—	28	1	16	10	2	0	0	4	0	0	3	14	—	0	—	—	-
Hawarden Bridge	5	13.0	4.9	8.9	+0.4	17.8	11	-0.7	20	—	—	37	83	24	29	12	6	1	0	0	0	0	0	1	—	—	0	—	—	-
Llanarmon Dyffryn Ceiriog	267	9.9	3.0	6.5	—	14.7	12	-2.6	20	—	—	106	—	34	29	18	13	4	0	6	1	0	0	5	—	—	0	—	—	-
Loggerheads	210	10.8	2.9	6.9	+0.3	16.0	11	-3.8	20	7.7	7.5	63	111	35	29	15	12	2	0	0	0	0	0	6	14	—	0	4.92	—	S
Moel-y-Crio	263	10.4	3.4	6.9	—	15.2	12	-1.9	20	8.2	—	52	—	31	29	12	9	2	0	0	2	0	0	1	13	—	0	4.72	—	-
Prestatyn	4	(11.7)	(6.1)	8.9	+0.7	17.1	12	2.6	15	—	—	39	94	20	29	11	8	0	0	0	0	0	—	0	—	—	0	—	—	-
Ruthin	76	12.2	4.1	8.1	(+0.5)	17.1	11	-3.0	20	—	—	50	110	24	29	16	10	0	0	0	0	0	0	4	—	—	0	3.89	—	S
Powys (North)																														
Lake Vyrnwy	360	(10.6)	(2.9)	6.7	—	15.0	10	-2.6	20	—	—	197	—	74	1	18	12	—	0	—	—	—	—	4	—	—	—	—	—	-
Llanfair Caereinion	236	11.0	3.4	7.2	—	15.2	12	-2.7	20	8.2	—	98	—	30	29	17	13	0	0	2	0	0	1	2	14	—	0	—	—	-
Machynlleth	76	11.8	3.6	7.7	—	17.1	15	-3.6	20	—	—	236	—	69	1	18	14	0	0	2	0	0	—	3	8	—	0	—	—	-
Moel Cynnedd	358	9.4	2.0	5.7	—	13.9	15	-4.7	20	6.8	—	265	—	56	1	18	14	0	0	0	0	0	—	8	18	—	0	—	—	-
Newtown	120	12.4	3.7	8.1	—	16.6	13	-3.2	20	—	—	116	—	30	29	19	11	0	0	0	0	0	—	3	—	—	0	—	—	-
8A WALES S																														
Dyfed																														
Aberporth (A)	134	10.5	5.0	7.7	-0.1	15.0	27	1.1	6	9.0	—	77	—	13	29	16	13	0	0	0	0	2	1	0	7	2	6	5.00	88	-
Brawdy (A)	111	10.5	4.7	7.6	—	14.1	27	-0.6	17	—	—	108	152	28	29	15	12	0	0	1	1	0	1	1	10	4	1	5.46	—	-
Carmarthen Museum	9	(12.5)	(3.7)	8.1	—	19.5	15	-2.2	6	—	—	109	—	22	29	16	15	0	0	0	0	0	—	5	(15)	—	0	—	—	-
Cwmystwyth	301	9.9	2.9	6.4	—	15.8	15	-3.3	20	—	—	174	—	33	29	18	15	—	0	—	—	—	—	6	(15)	—	—	3.97	—	S
Dale Fort	33	11.3	5.7	8.5	-0.2	16.2	15	1.3	17	9.2	—	95	191	38	29	11	10	0	0	0	0	0	0	0	4	—	0	6.31	97	-
Gogerddan	31	12.0	4.7	8.3	+0.4	18.9	15	-3.5	20	9.1	—	123	—	35	29	16	13	0	0	0	0	0	0	4	7	—	0	5.12	97	-
Milford Haven (A)	37	11.1	5.6	8.3	(-0.1)	17.0	13	0.5	17	—	—	104	—	33	29	14	10	0	0	0	0	0	0	0	3	1	0	—	—	-
Orielton	61	11.4	5.2	8.3	—	18.2	13	0.5	20	9.0	—	128	—	48	29	16	12	0	0	1	0	0	—	0	5	—	0	—	—	-
Rhandirmwyn	168	11.0	3.2	7.1	—	17.1	15	-3.4	20	—	—	150	—	33	29	18	14	0	0	0	0	0	—	6	—	—	0	—	—	-
Saron	152	11.5	3.9	7.7	—	19.0	13	-1.8	20	—	—	143	—	24	11	17	15	0	0	1	0	1	1	4	12	—	2	—	—	-
Scolton Country Park	77	11.7	4.1	7.9	—	18.1	15	-1.4	18	—	—	117	—	26	29	16	14	1	0	0	3	0	0	3	13	—	4	—	—	-
Skokholm Island	34	10.0	6.1	8.1	—	12.7	15	2.6	17	—	—	94	—	33	29	13	11	0	0	0	0	0	0	0	0	—	9	—	—	-
St Clears	40	12.4	3.8	8.1	—	19.1	13	-2.1	18	—	—	125	—	23	29	17	14	0	0	3	0	0	—	4	10	—	0	—	—	-
Swyddffynnon	168	10.8	3.2	7.0	—	17.5	15	-5.0	20	—	—	121	—	25	29	17	16	0	0	0	0	0	0	3	(11)	—	0	4.34	—	-
Talgareg	198	10.9	2.4	6.7	—	17.4	13	-5.1	20	—	—	130	—	22	29	19	15	0	0	0	0	1	0	8	11	—	2	—	—	-
Tenby	5	11.5	5.1	8.3	—	16.7	13	-1.0	18	—	—	115	—	41	29	16	11	0	0	0	0	0	0	1	—	—	0	5.67	—	-
Towy Castle	88	11.4	4.6	8.0	—	17.6	15	-0.8	20	8.7	8.6	115	—	25	29	17	15	1	0	3	0	0	0	3	11	5	0	5.29	—	-
Whitechurch	129	11.3	4.0	7.7	—	15.4	13	-2.6	20	9.8	9.1	147	—	24	6	18	15	2	0	0	0	1	1	3	12	—	1	—	—	-
Powys (South)																														
Bronydd Mawr	330	10.1	2.4	6.3	—	14.6	15	-3.4	20	—	—	(184)	—	46	29	18	15	0	0	0	1	0	1	6	11	—	0	3.55	—	-
Llangenny	122	12.0	4.1	8.1	—	16.8	11	-1.0	20	—	—	98	—	27	29	15	13	0	0	0	0	0	0	2	—	—	0	—	—	-
Llangunllo	310	9.9	2.9	6.4	—	14.3	10	-3.0	27	6.9	—	125	—	33	29	17	11	2	0	1	1	0	3	6	(16)	—	0	—	—	-
Llysdinam	200	11.6	3.3	7.5	—	17.1	15	-2.3	20	9.0	—	121	—	37	29	16	12	0	0	3	0	0	0	4	16	—	0	—	—	-
Pencelli	160	(11.4)	(3.3)	7.3	—	16.3	11	-2.0	20	—	—	(158)	—	34	29	19	12	1	0	1	1	0	—	6	14	10	0	4.74	—	S
Presteigne	175	11.6	2.3	6.9	—	16.2	11	-2.9	27	—	—	93	—	34	29	19	11	1	0	1	3	0	0	9	15	—	0	—	—	-
St Harmon	279	10.1	4.0	7.1	—	15.1	15	-4.6	20	—	—	137	—	32	29	20	13	—	—	—	—	—	—	8	13	—	—	—	—	-
Velindre	152	11.6	3.8	7.7	—	15.9	10	-3.6	20	8.7	8.3	92	—	26	29	15	10	1	0	0	1	0	0	6	10	—	0	—	—	-
West Glamorgan																														
Mumbles Head	35	11.1	5.7	8.4	(+0.1)	14.0	13	0.5	20	—	—	—	—	—	—	—	—	0	0	0	0	0	0	0	1	1	4	—	—	-
Neath	62	12.3	5.3	8.8	0.0	18.8	13	0.4	20	—	—	111	149	32	29	14	10	0	0	0	0	0	0	0	4	—	0	—	—	-
Penmaen	87	11.7	4.9	8.3	—	16.0	13	-0.6	20	9.1	9.0	116	—	46	29	14	10	0	0	0	2	0	0	2	10	3	4	5.46	—	-
Swansea	10	12.4	5.6	9.0	-0.1	17.2	13	1.1	20	—	10.5	106	153	37	29	16	11	0	0	0	0	0	0	0	4	0	0	5.53	—	-
Mid Glamorgan																														
Cilfynydd (A)	194	11.2	3.8	7.5	—	16.9	15	-1.0	20	—	—	139	—	30	29	14	11	0	0	0	0	0	1	4	—	—	1	—	—	-
Cwmbargoed	372	9.7	2.7	6.2	—	14.8	15	-2.6	20	—	—	132	—	27	29	18	12	3	0	—	—	—	—	4	15	—	—	—	—	-
Porthcawl	6	(11.7)	(4.5)	8.1	—	19.5	13	0.5	18	—	—	(97)	168	45	29	12	11	—	—	—	—	—	—	0	—	—	—	—	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall (09 to 09 GMT) Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
8A WALES S - Continued																														
South Glamorgan																														
Cardiff																														
Bute Park	9	12.7	5.2	8.9	–	16.5	11,13	0.2	20	9.8	9.2	96	–	32	29	14	12	–	0	–	–	–	0	0	12	–	–	5.42	–	S
Weather Centre (X)	58	12.6	6.0	9.3	–	17.2	15	1.3	20	–	–	78	–	30	29	13	10	1	–	0	0	1	0	0	–	–	0	–	–	–
Flat Holm	15	11.0	5.4	8.2	–	13.7	10	2.0	19,20	–	–	80	–	28	29	11	9	0	0	0	0	0	0	0	2	–	0	–	–	–
Rhoose Airport (A)	65	11.8	4.5	8.1	0.0	16.2	11	-1.4	18	–	–	89	–	38	29	13	10	1	0	0	0	0	0	3	9	5	0	5.56	99	–
Gwent																														
Crossway	140	11.9	4.4	8.1	–	16.0	12	0.5	20	–	–	81	–	30	29	11	10	0	0	0	0	0	0	0	–	–	0	–	–	–
Llanishan	180	11.0	4.3	7.7	–	16.0	10	-0.5	20	–	–	79	–	19	29	13	11	–	–	–	–	–	0	1	–	–	–	–	–	–
Tredegar, Bryn Bach Park	380	10.0	2.0	6.0	–	14.9	15,16	-3.5	20	–	–	143	–	23	29	16	14	2	0	0	0	1	1	5	14	–	0	–	–	–
Usk	21	12.3	3.7	8.0	–	16.4	10	-1.5	20	9.5	–	98	–	25	29	16	12	–	0	–	–	–	0	4	13	–	–	–	–	–
8B ENGLAND SW																														
Avon																														
Bristol																														
Weather Centre (A) (X)	42	12.4	5.8	9.1	–	16.9	10	1.3	20	–	–	71	–	24	29	16	9	2	–	1	0	0	0	0	–	1	0	4.89	–	–
Long Ashton	51	11.6	4.8	8.2	-0.3	15.7	10	-1.2	21	–	–	87	167	24	29	15	12	0	0	0	0	0	–	1	7	–	0	–	–	–
Weston Super Mare	5	12.4	4.5	8.5	–	16.0	11	0.5	17,20	–	–	77	–	22	29	14	12	0	0	0	0	1	–	0	–	–	0	4.85	–	–
Somerset																														
Brymore	23	12.9	4.0	8.5	–	17.8	13	-1.0	21	9.3	–	74	–	31	29	14	11	0	0	0	0	0	0	3	8	5	0	4.95	–	S
Castle Cary	135	11.1	3.5	7.3	–	15.6	13	-1.0	17,20	–	–	76	–	32	29	15	9	4	0	1	1	2	0	4	9	–	0	–	–	–
Downside Abbey	183	11.0	3.3	7.1	–	16.4	13	-1.7	20	–	–	101	–	21	29	16	12	–	0	–	–	–	–	4	–	–	–	–	–	–
Minehead	10	12.2	5.7	8.9	–	15.7	11	1.0	27	9.7	9.4	91	–	28	29	12	11	0	0	0	2	1	0	0	8	0	0	5.45	–	–
Nettlecombe	96	11.7	3.2	7.5	–	16.0	10	-2.0	20	9.4	–	112	–	31	29	12	11	0	0	1	0	1	1	5	15	–	0	–	–	–
Nettlecombe (Birds Hill)	280	9.9	3.3	6.6	–	14.2	11	-1.0	20	7.7	–	114	–	32	29	12	11	0	0	1	0	1	1	1	15	–	0	–	–	–
Rodney Stoke	40	12.0	4.1	8.1	–	16.6	10	-1.0	21	9.1	8.8	75	–	25	29	15	12	0	0	0	0	1	0	1	13	–	0	–	–	–
Tivington	82	11.8	4.5	8.1	–	16.1	11	1.0	20,21	9.3	9.6	96	–	26	29	14	11	0	0	0	3	1	0	0	9	2	0	–	–	–
Yeovilton (A)	18	12.0	4.0	8.0	(-0.4)	17.2	13	-2.9	21	9.4	–	81	–	31	29	16	10	–	0	–	–	–	0	4	11	8	–	4.20	–	–
Dorset																														
Bournemouth																														
Hurn Airport (A)	10	12.5	3.4	7.9	-0.4	19.6	13	-3.9	21	8.9	–	44	100	19	29	12	6	1	0	0	1	1	0	5	15	8	0	5.65	–	–
Kings Park	27	12.4	4.6	8.5	–	20.1	13	-1.3	21	10.1	9.5	43	–	23	29	7	6	0	0	0	0	1	0	2	6	2	0	6.09	–	–
Christchurch	4	(12.2)	(5.0)	8.6	+0.1	18.6	13	-1.4	21	–	–	42	95	21	29	11	6	0	0	0	0	0	0	1	10	–	0	–	–	–
Fontmell Magna	95	12.2	3.1	7.7	–	18.2	13	-2.5	18,21	–	–	85	–	31	29	13	9	1	0	2	0	1	1	6	–	–	2	–	–	–
Lower Kingcombe	122	11.3	2.7	7.0	–	17.3	13	-4.5	21	–	–	82	–	31	29	16	12	1	0	0	0	0	3	8	15	–	2	–	–	–
Poole	5	13.0	5.1	9.1	(+0.4)	19.6	13	-1.0	21	–	–	57	–	23	29	14	8	0	0	1	0	0	0	1	9	–	0	5.66	(96)	–
Portland Bill																														
(Coastguard) (A)	53	11.4	5.4	8.4	–	19.3	13	0.1	20	–	–	42	–	22	29	11	9	0	0	1	0	0	2	0	1	0	2	5.75	–	–
Swanage	11	11.8	5.2	8.5	-0.1	19.0	13	-0.4	21	–	9.6	46	104	25	29	10	7	0	0	0	0	1	1	1	5	–	0	6.01	99	–
Weymouth	21	12.1	4.9	8.5	–	19.7	13	-1.1	18	–	–	56	–	26	29	12	10	0	0	1	0	0	2	2	–	–	0	6.09	–	–
Winfrith	26	12.3	4.0	8.1	(-0.3)	19.3	13	-1.9	21	–	–	55	–	20	29	13	9	0	0	1	0	1	0	5	14	9	0	–	–	–
Devon																														
Burrington	199	10.8	3.5	7.1	–	16.0	13	-1.5	20	–	–	96	–	35	29	15	11	–	–	–	–	–	–	3	7	–	–	–	–	–
Chivenor	6	12.5	4.7	8.6	-0.5	19.2	15	-0.9	21	–	–	100	–	45	29	14	11	–	–	–	–	–	–	1	–	–	–	–	–	–
Dunkeswell	251	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exeter Airport (A)	32	12.2	4.1	8.1	-0.6	17.6	13	-1.8	21	–	–	76	172	19	29	15	11	2	0	0	1	0	0	2	11	3	0	5.13	97	–
Exmouth	78	11.5	5.0	8.3	–	17.6	13	0.3	20	–	–	56	–	15	29	15	12	0	0	2	0	0	2	0	–	–	2	5.33	–	–
Gawlish	122	11.1	5.2	8.1	–	16.4	13	0.6	21	–	–	124	–	41	29	13	12	–	–	2	0	0	2	0	2	–	2	5.35	–	–
Hemyock	165	10.9	3.7	7.3	–	15.3	13	-2.1	21	–	–	87	–	23	29	15	10	0	0	0	0	0	5	4	–	–	0	5.03	–	–
Ilfracombe	8	(11.3)	5.6	8.5	-0.6	17.0	13	2.0	17	–	–	110	174	41	29	13	12	0	0	0	0	0	0	0	–	–	0	–	–	–
Lundy	43	10.4	6.5	8.5	–	13.8	28	3.3	17	–	–	97	–	29	29	15	10	–	–	–	–	–	–	0	–	–	–	–	–	–
Melbury	143	11.3	3.9	7.6	–	18.0	13	-1.3	18	–	–	121	164	34	29	16	12	–	0	–	–	–	–	5	–	–	–	5.21	–	S
North Wyke	177	11.4	3.9	7.7	–	17.2	13	-1.3	18	–	–	88	–	19	29	15	12	0	0	2	0	0	0	2	12	–	1	4.89	–	–
Plymouth																														
Mount Batten (A)	27	12.0	5.8	8.9	+0.1	22.1	13	0.4	21	9.9	9.5	69	122	18	29	15	12	0	0	0	1	0	1	0	8	4	1	5.38	89	–
Princetown	423	9.1	2.3	5.7	–	16.6	13	-2.7	20	–	–	189	166	45	29	18	18	0	0	2	0	0	7	4	12	–	0	–	–	–
Rumleigh	23	13.1	4.0	8.5	–	23.0	13	-2.6	18	9.6	9.2	91	–	15	29	16	13	0	0	1	0	0	0	7	12	–	1	–	–	–
Saunton Sands	15	–	–	–	–	–	–	–	–	–	–	43	–	16	29	11	7	–	–	–	–	–	–	–	–	–	–	–	–	–
Sidmouth	10	12.0	4.6	8.3	–	17.0	15	-1.0	21	–	–	72	157	29	29	15	10	0	0	3	0	0	0	1	–	–	1	–	–	–
Slapton	32	12.4	4.5	8.5	(-0.4)	19.6	13	-1.0	21	–	–	71	124	20	29	15	12	0	0	0	0	1	1	1	9	–	0	5.56	–	–
Teignmouth	3	11.8	5.1	8.5	-0.6	18.7	13	0.6	21	–	–	48	99	10	29	16	9	0	0	0	0	0	0	0	–	–	0	(5.48)	93	–
Torbay (Torquay)	8	12.5	5.2	8.9	-0.3	19.5	13	0.2	20	–	10.3	54	108	11	3	12	9	0	0	1	0	0	0	0	10	–	1	5.28	84	–
Twist	186	11.1	3.6	7.3	–	16.7	13	-1.1	20	–	–	80	–	21	29	12	11	0	0	0	0	1	5	3	–	–	5	5.48	–	–
Yarner Wood	198	11.7	3.8	7.7	–	18.4	13	-1.0	20	8.7	–	96	–	20	3	17	12	0	0	1	1	0	4	3	14	–	0	5.67	–	S
Cornwall																														
Bastreet	236	10.8	3.6	7.2	–	19.1	13	-2.9	18	–	–	148	159	31	29	16	16	0	0	–	–	–	–	6	11	–	–	–	–	S
Bude	15	12.2	4.9	8.5	-0.1	19.6	13	0.7	21	9.7	–	88	180	36	29	13	11	0	0	1	0	0	0	0	–	–	2	5.52	92	–
Camborne (A)	87	11.0	5.8	8.4	–	17.5	15	1.5	17	9.5	9.4	117	–	22	11	17	15	1	0	4	0	1	3	0	6	0	2	5.52	–	–
Culdrose (A)	80	11.4	5.4	8.4	0.0	19.6	13	1.0	17	–	–	85	161	15	11	17	15	–	0	1	0	0	1	0	–	0	5	5.40	89	–
Falmouth	51	11.6	6.1	8.9	+0.1	19.5	13	1.8	17	–	–	86	141	13	30	14	11	0	0	0	0	0	0	0	4	–	0	5.45	90	–
Gwennap Head	66	10.7	6.2	8.5	–	16.3	13	1.8	17	–	–	54	–	11	11	13	11	0	0	0	0	3	0	–	–	–	5	–	–	–
Lizard	73	11.6	5.9	8.7	(-0.2)	19.8	13	1.5	17	–	–	67	143	10	11	14	13	–	–	–	–	–	–	0	–	–	–	5.70	(90)	–
Lizard Lighthouse	60	11.3	5.8	8.5	–	18.4	13	1.1	18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Newquay	30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Penzance	19	12.3	6.6	9.5	+0.2	18.1	15	2.3	23	–	–	92	153	16	11	15	12	0	0	0	0	0	0	0	–	–	5	5.54	88	–
Scilly (St Mary's)	51	11.4	7.0	9.2	-0.4	13.4	15	4.0	17	–	–	78	–	18	11	14	12	0	0	1	0	0	3	0	0	–	4	5.50	86	–
St Ives	10	11.1	7.0	9.1	–	13.5	15	4.9	4	–	–	102	–	19	11	15	14	0	0	0	0	1	3	0	–	–	1	5.59	–	–
St Mawgan (A)	103	11.6	5.5	8.5	0.0	19.7	15	1.0	17	–	–	105	203	26	29	16	14	0	0	1	2	0	2	0	3	0	0	5.56	88	–
Tregastic	110	11.9	4.6	8.3	–	21.5	13	-0.4	18	–	–	93	–	21	29	15	14	0	0	0	1	0	2	1	11	–	5	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg.C	Concrete min. below 0 deg.C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
CHANNEL ISLANDS																														
Guernsey																														
Airport (A)	101	10.9	6.0	8.5	-0.1	16.3	13	2.5	21	9.5	9.3	45	91	11	29	12	10	0	0	0	2	1	1	0	4	0	0	5.94	95	-
L'Ancresse	5	12.1	5.5	8.8	—	15.7	11	-0.7	24	—	—	41	—	9	29	14	10	0	—	0	0	0	—	1	—	—	0	6.21	—	-
Jersey																														
Airport (A)	84	11.6	6.2	8.9	0.0	19.3	13	3.1	21	10.0	10.2	46	95	14	29	11	8	0	—	3	0	0	1	0	3	0	0	5.89	92	-
Gorey Castle	79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.24	—	-
St Helier	54	12.5	6.4	9.5	—	19.6	13	1.7	21	—	—	43	87	14	29	13	11	0	0	1	1	2	1	0	4	—	0	6.11	—	-
Trinity States Farm	107	11.9	(6.3)	9.1	—	17.4	13	2.1	22	10.5	—	52	—	17	29	12	9	0	0	0	1	0	1	0	4	—	0	—	—	-
NORTHERN IRELAND																														
Londonderry																														
Banagher (Caugh Hill)	216	9.5	3.7	6.6	—	12.0	11	-0.6	17	—	—	140	—	21	6	20	16	0	0	0	0	0	0	1	6	—	4	4.33	—	-
Carmoney	73	10.5	4.7	7.6	—	12.8	11,26, 27	0.8	25	—	—	94	—	15	24	17	14	0	0	0	0	0	0	0	2	0	0	4.33	—	-
Castledawson Hillhead	30	11.7	3.5	7.6	—	15.5	27	-0.3	3	—	—	103	—	16	29	17	14	0	0	0	0	0	—	2	3	—	0	—	—	-
Coleraine University (A)	23	10.9	4.6	7.7	—	13.9	11	-0.4	14	8.6	7.9	89	—	18	24	19	14	2	0	0	6	0	0	2	9	—	0	5.31	—	-
Lough Fea W Wks.	225	9.9	3.1	6.5	—	12.8	15	-3.2	6	—	—	143	—	24	28	19	15	0	0	0	0	0	0	4	10	—	0	—	—	-
Moydamlaght	178	9.9	4.0	6.9	—	12.8	14	-0.2	17	—	—	159	—	25	6	19	15	0	—	0	0	0	0	1	7	—	0	—	—	-
Moyola Waterworks	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Antrim																														
Altnahinch	213	9.3	2.9	6.1	—	12.5	27	-2.5	20	—	—	149	—	26	29	19	16	0	0	0	0	0	2	2	12	—	0	4.75	—	-
Belfast																														
Aldergrove Airport (A)	68	11.0	4.4	7.7	+0.2	14.8	15	-0.3	17,20	8.3	7.9	82	170	11	11	18	14	0	0	0	1	0	0	2	8	2	0	4.91	93	-
Newforge	40	11.2	6.0	8.6	—	15.9	15	2.6	6	—	—	107	—	17	12	17	13	0	0	0	0	0	—	0	8	—	0	4.44	—	-
Oldpark filters	58	10.8	4.4	7.6	—	14.5	15	0.0	20	—	—	102	161	14	12	19	17	0	0	0	0	0	0	0	9	—	0	—	—	-
Carnlough	12	11.2	4.1	7.7	—	13.6	16,27	-0.2	20	—	—	104	—	18	12	17	14	0	0	0	0	0	1	1	—	—	0	—	—	-
Dungonnell Filters	271	9.4	2.5	5.9	—	14.0	14,16	-3.0	20	—	—	149	—	29	29	20	16	0	0	0	0	0	2	6	10	—	0	—	—	-
Garron Tower	62	10.2	4.9	7.5	—	12.9	1	1.2	20	—	—	110	—	20	29	15	13	0	0	0	0	0	0	0	—	—	0	—	—	-
Greenmount	38	10.9	4.5	7.7	(+0.2)	14.5	15	-0.6	20	9.4	—	79	—	10	29	16	14	0	0	0	0	0	—	1	12	—	0	—	—	-
Jordanstown Rostulla	10	11.7	5.0	8.3	—	15.0	15	0.3	20	—	—	105	—	12	4	17	16	0	0	0	0	0	0	0	3	—	0	—	—	-
Larne Harbour	43	10.7	5.5	8.1	—	14.2	15	1.2	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	—	-
Lowtown	213	9.5	3.0	6.3	—	14.8	15	-3.5	20	7.3	—	159	—	20	11	18	17	0	0	0	0	0	0	1	—	—	0	4.60	—	-
Movanagher Fish Farm	10	11.5	4.1	7.8	—	14.0	14,24	0.0	15	—	—	104	—	17	24	19	14	0	0	0	0	0	0	0	4	—	0	—	—	-
Parkmore Forest	235	9.5	1.5	5.5	—	13.5	15	-1.6	20	6.9	—	194	192	38	29	20	18	0	0	0	0	0	—	12	19	—	0	—	—	-
Woodburn North	217	9.4	3.3	6.3	—	13.5	15	-1.5	22	—	—	121	167	25	12	15	14	0	0	0	0	0	—	2	10	—	0	—	—	-
Down																														
Ballykine Rockvale	125	10.4	4.0	7.2	—	14.0	15	0.5	20	—	—	129	—	28	3	19	13	0	0	0	0	0	0	0	6	—	0	—	—	-
Ballywatticock	6	10.5	5.0	7.7	—	13.1	15	0.5	20	8.2	8.1	91	202	15	11	18	12	0	0	0	2	0	0	0	5	2	0	5.17	—	-
Belfast																														
Ravenhill Road	10	11.7	5.1	8.4	—	17.4	15	0.4	20	—	—	117	—	22	29	17	13	0	0	0	3	0	—	0	5	—	0	—	—	-
Stormont Castle	56	10.9	4.3	7.6	-0.2	14.5	15	0.2	20	8.9	8.4	139	252	20	12	19	13	0	0	0	0	0	4	0	11	—	0	5.35	(104)	-
Bryansford	85	11.2	4.7	7.9	—	14.9	15	0.5	17	9.1	8.7	196	—	31	29	18	15	0	0	0	0	0	0	0	11	5	0	5.12	—	-
Downpatrick, Killavees	58	11.0	4.0	7.5	—	14.0	8	-0.5	6	—	—	77	—	18	11	15	10	0	0	0	1	1	0	2	7	—	0	—	—	-
Helens Bay	43	11.1	5.1	8.1	(0.0)	14.4	15	0.2	20	8.9	7.9	131	257	19	29	18	12	0	0	0	2	1	0	0	4	—	0	—	—	-
Hillsborough	116	10.1	5.0	7.5	+0.3	15.0	15	0.0	20	8.2	7.8	93	169	16	29	17	15	0	0	0	0	0	0	0	9	—	0	5.09	101	-
Killough	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Long Kesh (A)	36	11.3	4.3	7.8	—	16.6	15	-0.6	20	8.6	8.4	88	—	12	29	18	13	0	0	1	3	0	0	3	13	5	0	5.01	—	-
Lough Cowey	10	10.7	3.5	7.1	—	13.4	1,15	-0.3	20	—	—	92	196	16	29	15	11	0	0	0	0	0	0	1	8	—	1	5.21	—	-
Magherally	97	10.8	3.6	7.2	—	14.9	15	-2.2	20	8.5	8.0	98	—	14	11	15	12	0	0	6	1	0	0	6	15	8	0	—	—	-
Murlough	12	11.2	4.5	7.9	—	14.9	1,15	0.0	6	8.8	8.3	109	—	18	11	18	14	0	0	0	0	0	0	0	12	—	2	4.91	—	S
Newry, Carnbane	8	11.6	4.3	7.9	—	15.1	15	-1.6	20,26	—	—	83	—	15	11	16	14	0	0	0	0	0	0	4	7	—	0	4.88	—	-
Saintfield Rowallane	95	10.7	2.8	6.7	—	14.7	15	-1.4	14	7.6	—	107	—	16	12	18	12	0	0	0	0	0	—	5	12	—	0	—	—	-
Silent Valley	129	9.6	4.1	6.9	—	13.6	15	-0.5	6	—	—	172	202	53	29	17	13	0	0	0	0	0	0	1	12	—	0	5.45	—	-
Trassey Slievenaman	215	10.7	3.2	6.9	—	13.5	15	-1.5	17	—	—	200	—	25	28	16	14	3	0	0	4	0	0	5	10	—	2	—	—	-
Armagh																														
Annaghmore	27	11.8	4.1	7.9	—	15.3	15	-0.8	26	9.4	8.7	90	—	14	29	15	15	0	0	0	0	0	0	1	10	3	0	—	—	-
Armagh	62	11.3	4.5	7.9	-0.2	15.1	15	0.5	20	9.0	8.9	90	167	13	28	14	14	0	0	0	0	0	0	0	10	—	1	4.90	102	S
Castor Bay	17	11.0	4.5	7.7	—	13.5	14	-0.7	20	—	—	79	—	12	11	15	13	0	0	0	0	0	0	1	4	—	0	—	—	-
Loughgall	25	11.3	3.8	7.5	-0.2	14.3	15	-1.2	20	—	—	87	174	11	28	18	14	0	0	0	1	0	0	3	11	—	0	—	—	-
Tandragee, Ballylisk	43	11.9	4.0	7.9	—	14.9	15	-0.5	22	—	—	83	—	19	28	11	11	0	0	0	0	0	0	3	12	—	0	—	—	-
Tyrone																														
Baron's Court	132	10.1	4.3	7.2	—	12.9	11	0.0	17	—	—	129	—	17	1	21	14	3	0	0	2	0	0	0	4	—	0	3.80	—	-
Carrigans (A)	113	11.0	3.9	7.5	(0.0)	14.2	15	-0.7	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	11	2	—	—	—	-
Cookstown	77	11.0	3.8	7.4	—	14.2	1	-1.0	17	8.2	—	102	196	14	28	13	12	0	0	0	0	0	—	2	8	—	0	5.25	—	-
Edenfel	88	11.0	3.5	7.3	—	14.8	15	-0.8	17	—	—	117	195	19	1	20	16	1	0	2	0	0	0	2	10	—	0	—	—	-
Fivemiletown	119	11.6	4.0	7.8	—	17.1	15	-0.2	3	—	—	124	—	20	29	23	17	0	0	0	0	0	0	1	5	—	1	—	—	-
Lough Bradan W Wks.	180	9.7	3.0	6.3	-0.4	13.0	14	-0.8	14	—	—	178	200	34	1	21	19	0	—	0	0	0	0	1	—	—	0	—	—	-
Strabane Glen Road	60	11.0	4.4	7.7	—	13.2	14,26	-0.5	17	—	—	104	—	15	24	18	15	1	0	0	0	0	—	1	7	—	0	—	—	-
Fermanagh																														
Castle Archdale Forest (A)	66	11.1	4.5	7.8	(+0.4)	15.4	14	0.2	15	9.1	8.4	128	—	28	28	17	14	0	0	0	0	0	—	0	10	—	0	4.47	(94)	-
Corgary	145	10.7	4.6	7.7	—	14.9	15	2.0	17	—	—	147	—	18	1,28	23	18	0	0	—	—	—	—	0	8	4	—	4.39	—	-
Knockarevan	53	11.6	4.2	7.9	—	16.2	15	-0.2	22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	5	0	—	—	—	-
Lisnaskea	49	11.6	4.6	8.1	—	17.5	15	-0.6	17	—	—	93	—	16	28	17	12	0	0	0	0	0	0	1	12	—	0	—	—	-
Lough Navar Forest	126	11.0	2.8	6.9	(-0.2)	15.0	15	-2.0	15	—	—	151	185	20	28	24	17	1	0	0	0	0	1	7	14	—	0	—	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Wind speed and direction: Speed (kn): 34 or more	22-33	11-21	1-10	0	Wind speed and direction: N	NE	E	SE	S	SW	W	NW
									Number of observations																																		
0 SCOTLAND N																																										
Shetland																																										
Fair Isle	61	9	1012.1	–	6.5	0.9	8.4	86	5.3	2	4	7	10	7	0	0	0	0	0	0	1	3	8	13	5	0	7	16	7	0	4	0	2	5	8	2	4	5
		15	1012.1	–	7.1	1.1	8.6	84	5.0	2	7	2	13	6	0	0	0	0	0	0	0	5	12	7	6	0	8	16	6	0	4	1	0	9	6	3	2	5
		21	1012.5	–	6.1	0.8	8.3	88	5.3	3	4	4	11	8	0	0	0	0	0	0	0	4	14	8	4	0	10	14	6	0	6	0	2	7	6	5	2	2
Lerwick	83	3	1010.7	–	4.9	0.8	7.6	87	5.6	2	4	4	11	9	0	0	0	0	0	0	0	6	7	13	4	0	9	14	6	1	7	0	1	3	7	5	5	1
		9	1011.5	–1.0	6.0	1.3	7.6	80	5.7	1	6	3	11	9	0	0	0	0	0	0	2	5	8	12	3	0	6	20	4	0	7	1	1	1	12	2	5	1
		15	1011.6	–	6.8	1.6	7.7	77	5.6	1	3	6	15	5	0	0	0	0	0	0	4	3	8	8	7	0	7	17	6	0	4	2	1	3	10	5	2	3
		21	1012.0	–	4.9	0.7	7.8	88	5.4	0	8	2	12	8	0	0	0	0	0	0	3	4	9	9	5	1	7	15	5	2	6	0	1	3	10	4	2	2
Muckle Flugga	54	3	1010.4	–	5.6	1.1	7.6	83	5.3	0	9	4	6	11	0	0	0	0	0	0	2	9	19	0	6	10	6	8	0	6	0	1	3	13	3	3	1	
		9	1011.2	–	6.6	1.5	7.7	79	5.7	1	5	3	15	6	0	0	0	0	0	0	2	7	18	3	5	9	10	6	0	7	0	3	4	11	2	3	0	
		15	1011.6	–	6.8	1.5	7.7	78	6.1	1	2	7	8	12	0	0	0	0	0	0	3	4	22	1	7	7	10	6	0	3	1	3	0	14	3	5	1	
		21	1011.9	–	5.9	1.3	7.6	80	5.5	0	6	5	11	8	0	0	0	0	0	0	1	10	19	0	3	14	7	5	1	4	0	3	2	13	1	3	3	
Sumburgh	13	3	1011.0	–	5.9	1.3	7.6	80	5.2	4	3	4	11	8	0	0	0	0	0	0	0	5	5	19	1	0	11	13	5	1	7	1	1	4	6	5	4	1
		9	1011.7	–	7.1	1.7	7.7	75	5.7	1	5	3	17	4	0	0	0	0	0	0	0	3	5	17	5	0	7	16	7	0	6	1	1	3	11	1	4	3
		15	1011.7	–	7.9	2.2	7.4	69	5.0	0	8	5	14	3	0	0	0	0	0	0	2	2	4	15	7	0	6	20	4	0	5	1	2	2	9	5	2	4
		21	1012.1	–	6.2	1.3	7.7	80	5.1	1	7	5	9	8	0	0	0	0	0	0	0	2	11	14	3	0	8	16	4	2	7	0	1	5	8	4	2	1
Orkney																																										
Kirkwall	26	3	1011.6	–	5.1	0.9	7.6	85	4.3	0	13	5	6	6	0	0	0	0	0	0	0	4	5	15	6	0	5	19	6	0	4	0	1	4	7	4	8	2
		9	1012.1	–1.1	7.2	1.6	7.8	76	5.4	2	4	5	15	4	0	0	0	0	0	0	0	3	4	14	9	0	8	16	6	0	3	1	0	3	12	4	1	6
		15	1011.9	–	8.2	1.9	8.0	73	5.3	1	7	3	14	5	0	0	0	0	0	0	0	2	8	11	9	0	10	15	5	0	7	1	2	6	6	2	4	2
		21	1012.4	–	6.0	1.1	7.9	83	5.1	1	8	4	12	5	0	0	0	0	0	0	0	3	6	13	8	0	6	18	6	0	5	1	1	6	5	6	3	3
Western Isles																																										
Benbecula	7	3	1011.5	–	6.0	1.2	7.8	82	5.5	0	6	5	8	11	0	0	0	0	0	0	0	1	7	18	4	0	2	14	14	0	4	3	1	3	8	4	3	4
		9	1011.4	–2.3	7.4	1.7	7.9	76	6.4	0	1	6	14	9	0	0	0	0	0	0	0	5	7	14	4	0	8	12	10	0	4	3	2	4	7	4	4	2
		15	1012.0	–	8.9	2.5	7.7	67	6.2	0	1	6	16	7	0	0	0	0	0	0	0	3	6	15	6	1	7	17	5	0	6	0	3	3	7	4	5	2
		21	1012.9	–	6.6	1.4	7.7	79	5.8	0	4	5	14	7	0	0	0	0	0	0	0	4	5	16	5	0	5	15	10	0	6	3	1	1	8	3	7	1
Stornoway	5	3	1011.2	–	5.5	1.0	7.7	84	5.2	1	5	8	10	6	0	0	0	0	1	0	0	1	4	22	2	0	0	10	19	1	3	0	1	4	8	7	3	3
		9	1011.2	–2.3	7.2	1.7	7.7	75	6.3	1	1	4	17	7	0	0	0	0	0	0	0	2	7	16	5	0	1	17	12	0	6	1	3	4	9	4	1	2
		15	1011.3	–	8.2	2.1	7.7	72	6.1	0	4	4	14	8	0	0	0	0	0	0	0	4	6	13	7	0	4	18	8	0	5	1	3	2	9	2	6	2
		21	1012.3	–	6.3	1.2	7.8	82	4.9	1	7	5	13	4	0	0	0	0	0	0	0	1	11	14	4	0	0	16	14	0	2	2	2	1	5	10	4	4
Highland																																										
Aviemore	228	3	1012.9	–	3.8	1.3	6.5	80	5.5	1	5	5	14	5	0	0	0	0	0	1	0	1	2	9	17	0	0	8	20	2	5	1	0	0	14	5	2	1
		9	1012.5	–	6.5	2.3	6.4	66	5.6	2	2	6	15	5	0	0	0	0	0	0	0	1	15	14	0	2	13	14	1	5	2	2	3	13	3	1	0	
		15	1012.0	–	8.7	3.3	6.5	58	5.7	0	3	10	13	4	0	0	0	0	0	0	0	0	6	12	12	0	1	13	16	0	6	3	2	0	14	3	0	2
		21	1013.6	–	4.9	1.8	6.3	73	4.9	2	4	9	11	4	0	0	0	0	0	0	0	0	4	8	18	0	2	9	19	0	5	2	0	0	10	7	3	3
Cape Wrath	113	3	1010.9	–	6.1	1.8	6.9	73	6.1	0	2	9	5	12	2	1	0	1	0	0	0	0	2	23	3	2	8	12	8	0	3	2	2	2	5	8	6	2
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Daicross	12	9	1012.3	–	7.9	2.6	7.0	65	5.9	0	4	2	23	1	0	0	0	0	0	0	0	1	3	20	6	0	0	14	16	0	4	1	1	3	6	9	3	3
		15	1011.7	–	10.0	3.6	6.8	56	5.6	0	5	4	20	1	0	0	0	0	0	0	0	0	2	20	8	0	2	17	11	0	5	2	2	1	5	10	2	3
		21	1012.9	–	6.7	2.0	7.0	71	4.7	0	8	8	13	1	0	0	0	0	0	0	0	2	3	18	7	0	1	10	18	1	4	1	4	1	5	11	2	1
Invergordon	12	3	1012.6	–	6.0	1.6	7.2	76	5.5	3	4	3	8	12	0	0	0	0	0	0	0	1	2	17	10	0	0	5	19	6	3	0	1	1	3	3	10	3
Harbour		9	1012.6	–	7.4	2.2	7.1	68	6.1	1	1	5	16	7	0	0	0	0	0	0	0	1	6	11	12	0	0	11	14	5	3	1	4	1	2	7	5	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1013.1	–	7.3	2.1	7.3	71	5.9	1	0	10	10	9	0	0	0	0	0	0	0	0	6	18	6	0	2	14	11	3	4	0	1	3	5	6	5	3
Waterstein	81	9	1011.5	–	6.7	1.5	7.7	78	6.4	1	0	9	7	13	0	0	0	0	0	0	1	3	14	10	2	3	5	11	9	2	6	2	4	1	8	4	2	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wick	37	3	1012.4	–	5.2	1.3	7.1	80	4.9	1	7	6	12	4	0	0	0	0	0	0	0	3	5	15	7	0	0	21	9	0	3	0	1	7	6	5	4	4
		9	1012.7	–0.7	6.8	1.8	7.3	73	5.8	1	3	4	16	6	0	0	0	0	0	0	0	4	2	16	8	0	2	20	8	0	5	1	0	8	8	2	2	4
		15	1012.3	–	8.3	2.4	7.5	67	5.2	1	6	6	13	4	0	0	0	0	0	0	0	2	4	18	6	0	7	19	4	0	5	0	2	8	6	2	3	4
		21	1013.1	–	6.0	1.4	7.5	80	4.9	2	7	4	12	5	0	0	0	0	0	0	0	3	8	13	6	0	0	19	11	0	4	1	1	7	8	3	4	2
1 SCOTLAND E																																										
Grampian																																									
Dyce	69	3	1012.9	–	4.7	0.8	7.5	86	5.7	0	3	6	17	4	0	0	0	0	1	0	1	1	7	15	5	0	0	10	16	4	5	0	2	1	9	4	1	4
		9	1013.1	–1.0	7.4	1.6	8.1	78	6.0	0	3	5	17	5	0	0	0	0	0	0	1	3	6	14	6	0	3	16	11	0	8	0	2	1	10	5	1	3
		15	1012.6	–	8.9	2.2	8.2	72	5.3	0	6	5	15	4	0	0	0	0	0	0	0	4	8	12	6	0	2	22	6	0	5	2	2	5	8	3	2	3
		21	1013.7	–	5.9	1.2	7.7	83	5.2	2	5	5	14	4	0	0	0	0	0	0	1	6	6	10	7	0	0	13	16	1	6	0	1	3	8	6	3	2
Glenlivet	212	9	1012.9	–	6.5	2.3	6.5	67	6.1	1	3	1	21	4	0	0	0	0	0	0	0	0	0	5	25	0	0	10	20	0	0	0	3	7	7	1	9	3
		15	1012.2	–	8.6	3.5	6.2	56	5.7	1	2	4	22	1	0	0	0	0	0	0	0	0	3	27	0	1	9	20	0	0	1	0	10	4	0	12	3	
		21	1013.8	–	4.9	1.7	6.4	73	4.7	2	7	5	13	3	0	0	0	0	0	0	0	0	1	9	20	0	1	5	24	0	0	0	5	10	1	1	7	6
Kinloss	6	3	1012.3	–	5.8	1.9	6.7	72	5.5	1	6	3	18	2	0	0	0	0	0	0	0	0	3	13	14	0	0	9	21	0	2	0	1	2	8	11	2	4
		9	1012.5	–1.5	8.4	3.0	6.6	60	5.5	1	5	4	17	3	0	0	0	0	0	0	0	1	3	11	15	0	0	17	12	1	4	0	1	3	7	7	4	3
		15	1012.0	–	10.3	3.9	6.6	53	5.1	0	7	5	16	2	0	0	0	0	0	0	0	0	3	16	11	0	4	16	10	0	6	3	1	3	5	4	5	3
		21	1013.1	–	6.9	2.2	6.9	69	4.9	1	6	8	13	2	0	0	0	0	0	0	0	1	5	13	11	0	0	13	16	1	3	1	3	4	7	6	3	2
Peterhead	15	3	1013.2	–	6.2	1.3	7.6	80	5.8	0	5	6	10	9	0	0	0	0	0	0	0	0	30	0	0	0	2	16	12	0	7	0	1	0	11	8	2	1
Harbour		9	1013.4	–	6.9	1.6	7.7	77	6.1	1	1	6	15	7	0	0	0	0	0	0	0	2	18	10	0	0	0	19	11	0	8	1	3	1	10	4	3	0
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1013.8	–	6.7	1.5	7.8	78	5.2	0	2	15	4	9	0	0	0	0	0	0	0	6	24	0	0	0	1	19	9	1	5	1	1	4	8	3	6	1
Fife																																										
Leuchars	12	3	1013.8	–	5.1	1.1	7.3	82	5.0	2	6	8	5	9	0	0	0	0	0	0	0	2	7	13	8	0	2	14	14	0	4	1	2	4	2	10	6	1
		9	1014.0	–0.3	8.1	2.3	7.5	68	5.9	0	4	3	19	4	0	0	0	0	0	0	1	2	6	12	9	0	2	16	12	0	4	2	5	3	4	6	4	2
		15	1013.4	–	9.3	3.0	7.3	62	5.4	2	3	7	16	2	0	0	0	0	0	0	0	1	7	7	15	0	5	20	5	0	5	1	6	5	1	7	3	2
		21	1014.7	–	6.4	1.7	7.3	75	4.5	0	10	6	12	2	0	0	0	0	0	0	0	4	4	5	17	0	1	11	17	1	5	0	3	5	4	6	3	3

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Oktas							Visibility										Beaufort force					Speed (kn)					Wind speed and direction							
									Number of observations																																			
1 SCOTLAND E - Continued																																										
Lothian																																										
Turnhouse	44	3	1013.9	–	4.9	1.1	7.4	83	4.7	2	5	7	12	4	0	0	0	0	0	0	2	11	15	2	0	0	13	13	4	3	0	4	1	4	7	7	0
		9	1013.9	–0.9	8.0	2.2	7.5	69	5.6	1	3	6	20	0	0	0	0	0	0	0	2	0	6	12	10	0	2	14	14	0	5	4	4	2	4	8	3	0
		15	1013.3	–	9.8	2.8	7.9	65	5.8	0	3	5	20	2	0	0	0	0	0	0	1	0	6	13	10	0	1	22	7	0	4	4	3	3	2	5	7	2
		21	1014.7	–	6.6	1.6	7.5	76	4.5	2	8	3	13	4	0	0	0	0	0	0	3	6	13	8	0	1	10	17	2	3	3	4	1	2	8	6	1
6 SCOTLAND W																																										
Strathclyde																																										
Abbotsinch	9	3	1013.8	–	5.3	1.0	7.7	84	6.0	1	4	2	16	7	0	0	0	0	0	0	0	5	10	13	2	0	0	11	16	3	1	3	3	2	3	10	2	3
		9	1013.7	–1.1	7.7	2.0	7.6	72	6.3	1	1	4	17	7	0	0	0	0	0	0	0	5	10	7	8	0	2	12	16	0	2	2	7	2	5	6	3	3
		15	1013.1	–	10.6	3.4	7.5	60	5.9	0	3	8	12	7	0	0	0	0	0	0	0	3	7	11	9	0	3	16	11	0	3	4	1	4	4	6	6	2
		21	1014.6	–	6.8	1.8	7.4	74	5.2	0	8	5	9	8	0	0	0	0	0	0	0	3	9	11	7	0	0	11	17	2	3	2	5	3	4	6	3	2
Orsay	24	3	1012.5	–	6.8	0.7	9.0	90	5.8	0	5	7	4	14	0	0	0	0	0	0	0	2	2	13	13	0	11	13	6	0	6	1	2	5	9	3	1	3
		9	1012.4	–	7.3	0.9	9.0	87	6.4	0	2	7	7	14	0	0	0	0	0	0	0	1	8	13	8	0	10	16	4	0	6	1	0	7	8	4	2	2
		15	1012.8	–	8.3	1.2	9.1	83	5.5	0	4	9	8	9	0	0	0	0	0	0	0	1	7	13	9	0	13	10	7	0	7	0	1	5	6	5	5	1
		21	1013.7	–	7.2	0.8	9.1	89	5.7	0	5	7	7	11	0	0	0	0	0	0	0	1	5	11	13	0	4	16	9	1	9	0	1	5	5	7	1	1
Prestwick	21	3	1013.9	–	5.6	1.0	7.8	84	5.8	0	6	3	10	11	0	0	0	0	0	0	0	2	12	10	6	0	0	10	19	1	1	4	6	2	7	6	1	2
		9	1014.0	–0.9	8.1	2.1	7.7	70	6.2	1	1	4	18	6	0	0	0	0	0	0	0	2	8	14	6	0	0	17	13	0	3	2	4	3	6	8	2	2
		15	1013.4	–	10.3	3.1	7.8	63	6.1	0	2	6	17	5	0	0	0	0	0	0	1	3	4	10	12	0	0	24	6	0	2	2	2	3	7	4	8	2
		21	1014.8	–	6.6	1.6	7.5	76	5.2	1	5	7	8	9	0	0	0	0	0	0	0	2	7	13	8	0	0	12	18	0	2	4	3	6	8	2	3	2
Tiree	10	3	1012.0	–	6.7	1.2	8.2	82	5.5	0	7	4	9	10	0	0	0	0	0	0	0	5	7	16	2	0	5	17	8	0	6	1	2	4	7	6	1	3
		9	1011.9	–2.3	7.6	1.5	8.3	79	5.7	0	6	6	10	8	0	0	0	0	0	0	1	5	9	10	5	1	10	13	6	0	7	3	1	6	5	3	3	2
		15	1012.6	–	8.9	2.2	8.1	71	5.9	0	1	8	17	4	0	0	0	0	0	0	1	4	9	9	7	0	8	17	5	0	10	1	0	5	3	6	4	1
		21	1013.4	–	6.9	1.3	8.2	82	5.5	0	4	9	9	8	0	0	0	0	0	0	1	4	10	12	3	0	4	17	9	0	8	1	1	2	9	0	7	2
Dumfries & Galloway																																										
Corsewall Point	15	9	–	–	7.5	1.3	8.5	82	5.4	0	6	7	8	9	0	0	0	0	0	0	0	0	5	18	7	0	5	19	6	0	5	3	1	6	6	5	2	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drungans	16	3	–	–	5.5	1.2	7.4	81	5.5	6	2	3	1	18	0	0	0	0	0	0	0	0	10	19	1	0	0	4	23	3	3	3	5	1	3	9	2	1
		9	–	–	7.6	1.9	7.7	73	6.2	1	2	6	7	14	0	0	0	0	0	0	0	1	7	20	2	0	0	6	22	2	4	2	5	3	3	4	4	3
		15	–	–	10.5	3.5	7.3	58	6.1	0	1	8	12	9	0	0	0	0	0	0	0	0	6	22	2	0	0	10	20	0	5	3	1	4	5	5	5	2
		21	–	–	7.3	1.9	7.5	72	5.2	1	7	8	1	13	0	0	0	0	0	0	0	2	7	20	1	0	0	2	27	1	3	3	4	3	2	7	5	2
Eskdalemuir	237	3	1014.6	–	2.8	0.5	6.9	90	5.4	5	3	3	4	15	0	0	0	0	0	0	0	7	8	6	6	3	0	0	10	19	1	13	1	0	0	7	4	3	1
		9	1014.7	–0.3	5.8	1.3	7.4	79	6.1	0	5	3	9	13	0	0	0	0	0	0	1	8	7	12	2	0	0	15	15	0	9	3	1	1	8	6	1	1
		15	1014.0	–	8.0	2.5	7.1	67	6.3	0	2	7	13	8	0	0	0	0	0	0	1	5	6	8	10	0	1	18	11	0	5	4	1	4	6	6	3	1
		21	1015.4	–	4.3	0.9	7.2	85	4.8	3	7	4	4	12	0	0	0	0	0	0	1	8	6	8	7	0	1	9	19	1	7	4	2	0	5	6	2	3
2 ENGLAND E & NE																																										
Northumberland																																										
Boulmer	27	3	1014.5	–	5.3	1.1	7.5	83	4.9	1	8	5	7	9	0	0	0	0	0	0	2	4	4	12	8	0	1	13	16	0	5	0	2	1	6	8	5	3
		9	1014.7	+0.0	7.8	1.8	8.0	75	6.4	0	1	6	16	7	0	0	0	0	0	0	0	7	7	10	6	0	1	16	13	0	6	1	1	6	5	6	2	3
		15	1014.2	–	8.7	2.2	8.1	71	5.7	2	3	5	14	6	0	0	0	0	0	0	1	4	5	14	6	0	1	21	8	0	9	1	3	4	5	6	1	1
		21	1015.2	–	6.0	1.2	7.8	82	4.4	3	6	8	9	4	0	0	0	0	0	1	1	4	4	18	2	0	0	11	19	0	7	0	3	2	5	6	5	2
Tyne & Wear																																										
Newcastle	47	3	1014.9	–	5.8	1.5	7.2	77	4.8	1	7	6	13	3	0	0	0	0	0	1	1	3	5	17	3	0	0	6	22	2	4	0	2	3	5	5	8	1
Weather Centre (X)		9	1015.0	–	7.8	2.3	7.3	68	5.8	0	5	5	15	5	0	0	0	0	0	0	0	4	11	9	6	0	1	14	14	1	6	0	3	2	7	6	3	2
		15	–	–	–	–	7.1	–	5.6	2	3	4	15	6	0	0	0	0	0	0	0	2	5	14	9	0	0	20	10	0	8	1	5	3	4	4	3	2
		21	1015.5	–	7.0	1.8	7.5	74	5.1	1	6	6	13	4	0	0	0	0	0	0	1	5	5	16	3	0	1	6	21	2	6	2	2	3	5	6	3	1
Tynemouth	40	3	1014.7	–	6.2	1.2	7.8	81	4.5	4	6	6	8	6	0	0	0	0	0	0	1	3	7	19	0	2	0	13	14	1	5	0	2	1	11	2	6	2
		9	1014.7	–0.4	7.5	1.6	8.2	78	5.7	0	3	7	13	7	0	0	0	0	0	0	2	7	14	7	0	2	6	14	8	0	9	1	1	4	8	4	2	1
		15	1014.2	–	8.7	2.1	8.1	72	5.8	0	6	3	11	10	0	0	0	0	0	0	1	3	13	13	0	3	7	15	5	0	9	1	5	4	5	4	2	0
		21	1015.3	–	7.2	1.5	8.1	79	4.9	3	6	5	7	9	0	0	0	0	0	0	0	6	7	17	0	1	4	14	10	1	9	0	2	4	7	3	3	1
North Yorkshire																																										
Fylingdales	262	3	1015.6	–	3.3	0.5	7.1	91	4.7	10	1	3	1	13	2	0	1	0	1	0	2	3	4	19	0	0	1	15	11	3	6	2	2	0	5	8	3	1
		9	1015.5	–	5.8	1.4	7.3	79	6.7	0	1	5	7	16	1	0	1	0	0	0	2	3	4	20	0	0	2	23	5	0	10	1	3	2	5	9	0	0
		15	1014.8	–	7.3	2.1	7.3	70	6.5	1	0	6	11	12	0	0	0	0	0	0	0	2	3	25	0	0	0	5	21	4	0	8	2	4	2	5	4	4	1
		21	1016.0	–	4.7	1.0	7.3	85	5.6	7	0	3	3	16	1	0	0	0	1	0	0	5	7	17	0	0	2	17	9	2	8	2	3	2	5	4	4	0
Leeming	37	3	1015.5	–	4.9	0.9	7.6	86	5.0	5	3	5	8	9	0	0	0	1	0	2	2	5	5	13	2	0	0	8	20	2	7	0	1	7	4	3	4	2
		9	1015.5	+0.1	7.8	1.7	8.2	76	6.2	0	3	5	14	8	0	0	0	0	1	1	1	10	4	9	4	0	0	18	12	0	10	2	0	7	6	3	2	0
		15	1014.9	–	10.3	3.1	7.8	62	6.0	0	4	6	12	8	0	0	0	0	0	0	0	3	5	15	7	0	0	21	9	0	7	3	0	5	6	3	5	1
		21	1016.0	–	6.7	1.4	8.0	80	4.7	2	4	12	10	2	0	0	0	0	0	0	1	8	6	12	3	0	0	9	20	1	6	2	2	3	3	8	2	3
Humberside																																										
Bridlington	19	3	1015.0	–	5.3	0.9	7.7	85	4.1	8	4	5	5	8	0	0	0	0	1	0	0	5	5	19	0	0	1	8	20	1	7	1	2	0	6	6	3	4
M R S C		9	1015.3	–	7.8	1.8	8.0	75	6.1	1	2	5	12	10	0	0	0	0	0	1	4	6	8	11	0	0	3	17	10	0	8	1	3	3	4	9	0	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1015.5	–	6.5	1.2	8.1	82	5.1	4	2	8	6	10	0	0	0	0	0	0	1	5	8	16	0	0	0	11	15	4	7	1	2	2	4	5	1	4
Easington	20	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lincolnshire																																									
Coningsby	8	3	1015.8	–	4.6	0.7	7.6	89	3.9	6	7	6	4	7	0	0	0	0	0	1	2	12	9	6	0	0	0	7	23	0	6	2	2	2	8	4	3	3
		9	1016.1	–	8.6	2.0	8.2	73	5.1	0	7	8	10	5	0	0	0	0	0	0	1	7	9	13	0	0	0	22	8	0	6	3	2	2	6	7	1	3
		15	1015.4	–	10.6	3.2	7.9	62	5.9	1	3	5	13	8	0	0	0	0	0	0	1	2	12	14	1	0	2	21	7	0	9	2	4	2	6	5	2	0
		21	1016.4	–	6.6	1.3	8.1	81	4.7	3	5	6	13	3	0	0	0	0	0	0	3	5	10	12	0	0	0	11	19	0	8	2	2	2	8	3	3	2
Waddington	70	3	1016.1	–	4.8	0.7	7.7	88	4.0	8	4	4	10	4	0	0	0	0	0	2	3	7	10	8	0	0	0	12	18	0	5	2	3	1	2	11	2	4
		9	1016.4	+0.8	8.1	1.8	8.2	75	5.5	1	5	6	11	7	0	0	0	0	0	0	1	13	4	11	1	0	1	20	9	0	6	2	3	3	4	8	2	2
		15	1015.5	–	10.3	3.1	7.8	62	6.0	0	2	8	13	7	0	0	0	0	0	0	0	1	10	15	4	0	4	19	7	0	7	3	3	2	5	6	3	1
		21	1016.6	–	6.5	1.3	7.9	81	4.6	4	5	6	12	3	0	0	0	0	0	0	2	5	6	16	1	0	0	14	15	1	6	3	2	2	7	5	2	2

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 EAST ANGLIA																																											
Norfolk																																										
Coltishall	19	3	1016.2	–	5.0	0.7	7.8	88	3.6	8	5	7	4	6	0	0	0	0	1	0	4	9	4	11	1	0	0	8	20	2	6	3	1	3	3	3	7	2
		9	1016.5	–	8.5	1.8	8.5	76	5.2	1	8	3	12	6	0	0	0	0	0	1	2	6	8	13	0	0	1	18	11	0	4	5	3	2	3	5	5	3
		15	1015.8	–	10.1	2.7	8.2	67	5.6	1	3	8	10	8	0	0	0	0	0	0	0	2	15	10	3	0	2	21	7	0	8	5	2	3	4	4	4	0
		21	1016.6	–	6.6	1.1	8.2	83	4.5	2	8	7	9	4	0	0	0	0	0	0	1	6	12	11	0	0	1	8	20	1	8	3	2	4	4	3	4	1
Hemsby	14	3	1015.9	–	5.3	0.7	8.0	88	4.2	4	6	8	6	6	0	0	0	0	0	1	6	6	9	8	0	0	0	14	15	1	6	2	1	2	6	7	4	1
		9	1016.2	–	8.5	1.6	8.7	78	4.8	2	6	6	12	4	0	0	0	0	0	1	4	5	7	12	1	0	2	16	12	0	5	5	2	2	3	7	5	1
		15	1015.7	–	9.9	2.3	8.7	72	5.3	2	4	7	7	10	0	0	0	0	0	0	2	7	10	11	0	0	4	19	7	0	7	4	1	5	2	5	3	3
		21	1016.3	–	6.8	1.2	8.3	83	5.1	4	2	7	11	6	0	0	0	0	0	1	11	9	9	0	0	0	1	15	13	1	7	4	0	4	4	6	1	3
Marham	24	3	1016.1	–	4.7	0.6	7.9	91	4.2	5	6	7	6	6	0	0	0	0	1	1	5	8	5	9	1	0	0	9	20	1	7	2	1	4	5	5	2	3
		9	1016.4	+0.7	8.5	1.7	8.5	77	5.0	2	8	2	11	7	0	0	0	0	0	1	1	9	9	9	1	0	2	19	9	0	5	5	1	2	5	7	1	4
		15	1015.5	–	10.5	2.7	8.7	68	6.0	0	2	8	10	10	0	0	0	0	0	0	1	5	10	13	1	0	4	19	7	0	10	2	2	1	5	8	2	0
		21	1016.6	–	6.7	1.1	8.3	84	4.9	2	5	6	10	7	0	0	0	0	0	0	1	8	8	11	2	0	1	14	15	0	6	5	3	3	5	4	2	2
Norwich	15	3	1016.2	–	5.5	0.7	8.1	89	3.6	9	4	5	6	6	0	0	0	1	0	0	4	9	7	9	0	0	0	2	27	1	4	5	2	0	6	6	3	3
Weather Centre	(X)	9	1016.5	–	8.5	1.8	8.5	76	5.4	1	7	4	11	7	0	0	0	1	0	1	8	12	7	1	0	0	8	22	0	3	5	4	3	4	5	3	3
		15	1015.7	–	10.5	2.9	8.3	65	6.0	1	3	5	11	10	0	0	0	0	0	0	0	9	9	9	3	0	0	17	13	0	6	6	3	2	5	5	3	0
		21	1016.6	–	7.2	1.2	8.5	83	4.6	5	4	7	7	7	0	0	0	0	0	0	1	11	10	8	0	0	0	0	4	26	0	7	5	1	1	8	4	3	1
Cambridgeshire																																										
Wyton	43	3	1016.4	–	5.0	0.8	7.8	88	4.7	3	6	6	9	5	1	0	0	1	0	0	5	7	5	11	1	0	0	8	22	0	9	1	2	1	5	9	1	2
		9	1016.6	+0.7	8.4	1.9	8.2	74	5.3	2	3	7	12	6	0	0	0	0	0	0	2	10	6	8	4	0	0	19	11	0	7	3	3	2	4	8	2	1
		15	1015.5	–	11.3	3.7	7.7	58	6.1	0	2	5	17	6	0	0	0	0	0	0	0	5	6	12	7	0	1	21	8	0	6	5	1	2	5	8	2	1
		21	1016.9	–	6.9	1.3	8.1	81	5.2	2	6	5	9	8	0	0	0	0	0	0	1	6	8	9	6	0	0	8	22	0	5	5	3	2	3	8	2	2
Suffolk																																										
Honington	51	3	1016.3	–	4.5	0.6	7.7	90	4.1	5	8	4	7	6	0	0	0	0	0	1	7	9	2	11	0	0	0	6	23	1	6	2	2	1	5	7	1	5
		9	1016.4	+0.7	8.5	1.9	8.3	74	5.0	1	6	6	13	4	0	0	0	0	0	0	4	8	6	11	1	0	1	13	16	0	7	2	2	3	3	8	3	2
		15	1015.6	–	10.9	3.4	7.7	59	5.7	0	3	9	13	5	0	0	0	0	0	0	0	4	11	10	5	0	0	20	10	0	9	1	4	2	5	7	2	0
		21	1016.7	–	6.5	1.3	7.9	82	4.9	3	3	7	12	5	0	0	0	0	0	0	1	9	8	11	1	0	0	8	21	1	6	4	2	2	5	5	2	3
Wattisham	91	3	1016.2	–	4.2	0.5	7.7	92	4.3	6	5	4	9	6	0	0	0	0	2	1	7	6	6	6	2	0	0	13	17	0	7	1	2	1	5	7	3	4
		9	1016.3	–	7.9	1.7	8.3	77	5.4	0	6	6	9	9	0	0	0	0	2	4	7	6	11	0	0	1	16	13	0	6	3	3	0	7	6	1	4
		15	1015.5	–	10.5	3.2	7.8	62	5.2	1	2	11	11	5	0	0	0	0	0	0	0	4	11	13	2	0	1	20	9	0	9	2	3	2	6	5	2	1
		21	1016.6	–	6.1	1.1	8.0	84	5.1	4	1	8	11	6	0	0	0	0	0	1	11	7	10	1	0	2	10	18	0	6	4	2	3	6	3	3	3
Essex																																										
Stansted	102	3	1016.4	–	4.7	0.7	7.8	89	5.3	4	2	4	14	6	0	0	0	0	2	1	5	6	7	7	2	0	0	5	24	1	6	3	2	2	4	8	0	4
		9	1016.5	+0.6	7.9	1.8	8.0	75	5.3	0	8	3	14	5	0	0	0	0	0	0	4	8	7	9	2	0	1	16	13	0	5	6	2	0	5	8	1	3
		15	1015.5	–	10.6	3.5	7.5	59	5.6	1	3	7	14	5	0	0	0	0	0	0	0	8	9	7	6	0	2	18	10	0	7	4	2	1	8	5	2	1
		21	1016.8	–	6.6	1.4	7.9	80	5.5	0	5	6	12	7	0	0	0	0	0	0	2	9	5	11	3	0	0	9	21	0	6	4	4	3	6	4	2	1
4 MIDLAND COUNTIES																																										
West Yorkshire																																										
Leeds	60	3	1015.5	–	5.9	1.2	7.7	82	5.2	0	8	3	12	7	0	0	0	0	0	0	2	7	7	11	3	0	0	6	24	0	5	1	4	3	1	4	7	5
Weather Centre	(X)	9	1015.5	–	8.0	2.0	7.8	72	6.2	0	1	7	15	7	0	0	0	0	0	0	3	5	10	9	3	0	1	9	20	0	4	5	4	7	0	1	7	2
		15	1014.8	–	10.4	3.3	7.5	60	6.2	0	2	7	11	10	0	0	0	0	0	0	1	2	9	9	9	0	1	12	17	0	6	2	5	1	5	3	5	3
		21	1016.0	–	7.7	1.9	7.8	73	5.1	3	6	2	14	5	0	0	0	0	0	0	2	3	9	10	6	0	0	4	26	0	5	2	5	2	1	6	6	3
Wilsden	267	3	1015.7	–	4.3	0.6	7.6	91	5.0	2	7	7	4	10	0	0	0	0	0	0	1	11	14	4	0	0	0	7	21	2	3	2	4	0	6	6	5	2
		9	1015.7	–	6.3	1.1	8.1	84	6.2	0	2	9	9	10	0	0	0	0	0	0	3	11	8	8	0	0	1	17	12	0	4	4	5	2	3	7	3	2
		15	1015.0	–	8.2	1.9	8.2	75	5.8	0	3	7	11	9	0	0	0	0	0	0	1	6	11	9	3	0	0	18	11	1	3	5	4	2	3	4	7	1
		21	1016.3	–	5.5	1.0	7.8	85	4.4	2	6	10	8	4	0	0	0	0	0	0	1	5	18	6	0	0	0	13	17	0	3	4	6	1	1	8	6	1
South Yorkshire																																										
Finningley	15	3	1015.8	–	5.1	0.8	7.8	87	4.9	2	7	5	8	8	0	0	0	0	0	0	2	1	9	5	12	1	0	0	7	22	1	8	0	1	3	8	3	3	3
		9	1015.9	+0.3	8.3	2.0	8.1	73	6.0	0	4	4	12	10	0	0	0	0	0	1	1	6	8	10	4	0	0	19	11	0	8	2	0	4	4	9	0	3
		15	1015.2	–	10.6	3.3	7.7	60	5.8	0	5	5	13	7	0	0	0	0	0	0	1	1	7	14	7	0	2	19	9	0	8	2	3	2	6	6	3	0
		21	1016.3	–	7.0	1.5	7.9	78	4.8	4	6	3	11	6	0	0	0	0	0	0	2	4	5	12	7	0	0	9	20	1	6	1	3	2	6	4	4	3
Nottinghamshire																																										
Nottingham	119	3	1016.3	–	4.7	0.8	7.6	88	5.0	3	5	5	10	7	0	0	0	0	0	0	5	6	6	12	1	0	0	6	24	0	6	3	3	1	5	8	3	1
Weather Centre	(X)	9	1016.4	+0.6	7.3	1.6	7.9	77	6.3	0	3	3	13	11	0	0	0	0	0	0	2	13	6	5	4	0	0	17	13	0	6	4	4	0	5	9	2	0
		15	1015.4	–	10.1	3.1	7.7	62	5.9	1	1	6	15	7	0	0	0	0	0	0	0	5	8	11	6	0	0	18	12	0	7	5	1	1	7	4	5	0
		21	1016.8	–	6.4	1.4	7.7	79	4.8	2	6	5	15	2	0	0	0	0	0	0	1	8	5	13	3	0	0	13	16	1	4	8	2	1	3	8	3	0
Staffordshire																																										
Cellarhead	228	3	1016.3	–	4.3	0.9	7.2	84	4.9	6	4	4	1	15	0	0	0	0	0	0	0	2	6	22	0	0	0	0	8	20	2	3	1	4	2	6	7	2	3
		9	1016.1	–	6.4	1.5	7.6	78	6.2	1	1	7	7	14	0	0	0	0	0	0	0	7	7	16	0	0	0	0	10	20	0	2	5	3	5	3	7	2	3
		15	1015.2	–	9.2	2.7	7.6	65	6.0	2	0	8	10	10	0	0	0	0	0	0	1	2	5	22	0	0	0	1	18	11	0	1	5	4	4	6	2	6	2
		21	1016.2	–	6.7	1.9	7.2	73	5.4	1	2	10	9	8	0	0	0	0	0	0	2	6	22	0	0	0	0	5	23	2	2	4	4	2	6	4	4	2
Shropshire																																										
Shawbury	76	3	1016.1	–	5.0	1.1	7.4	83	4.6	5	7	2	8	8	0	0	0	0	0	1	3	8	2	13	3	0	0	9	19	2	4	1	3	2	5	3	6	4
		9	1016.0	+0.0	8.0	1.9	7.9	73	6.4	0	2	5	13	10	0	0	0	0	0	0	2	9	4	14	1	0	2	15	12	1	6	3	3	1	6	6	3	1
		15	1015.0	–	11.1	3.7	7.5	56	6.1	1	2	4	17	6	0	0	0	0	0	0	0	5	8	15	2	0	2	20	8	0	3	2	5	2	5	3	6	4
		21	1016.6	–	7.1	1.9	7.5	73	5.1	1	5	7	13	4	0	0	0	0	0	0	2	6	7	11	4	0	0	8	22	0	4	4	4	1	3	5	7	2
West Midlands																																										
Elmdon	99	3	1016.4	–	4.8	0.9	7.5	85	5.2	2	6	4	9	9	0	0	0	0	0	3	3	4	15	5	0	0	0	5	25	0	6	3	1	2	6	9	0	3
		9	1016.5	+0.6	7.6	1.7	8.0	76	6.1	0	3	5	14	8	0	0	0	0	0	0	1	10	11	5	3	0	0	16	14	0	4	6	2	3	3	7	5	0
		15	1015.5	–	10.2	3.0	7.9	64	5.9	0	4	4	17	5	0	0	0	0	0	0	0	5	16	6	3	0	0	18	12	0	2	9	2	1	5	4	5	2
		21	1016.8	–	6.9	1.7	7.6	75	5.5	0	6	4	17	3	0	0	0	0	0	0	1	5	15	7	2	0	0	8	21	1	3	5	2	1	6	7	2	3
Hereford & Worcester																																										
Great Malvern	46	9	1016.4	–	8.7	1.4	9.1	81	6.2	0	4	3	13	10	0	0	0	0	0	1	3	7	8	11	0	0	0	6	24	0	7	5	1	3	7	4	3	0
		15	1015.4	–	12.0	2.7	9.6	68	5.9	1	3	4	14	8	0	0	0	0	0	0	1	1	14	13	1	0	0	11	19	0	5	5	4	0	6	5	4	1
		21	1016.8	–	7.4	1.2	8.6	82	4.7	3	7	5	6	9	0	0	0	0	0	0	0	2	15	13	0	0	0	4	26	0	7	2	2	1	7	5	2	4

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Mean (Oktas)	Cloud amount: Number of observations: 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
4 MIDLAND COUNTIES - Continued																																											
Hereford & Worcester - Continued																																											
Madley	79	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1017.4	–	7.3	–	–	–	4.2	10	2	5	2	11	0	–	–	–	–	–	–	–	–	–	–	0	0	3	19	8	2	3	3	1	5	3	2	3
Oxfordshire																																										
Brize Norton	92	3	1016.6	–	5.1	0.8	7.9	88	4.5	6	3	7	8	6	0	0	0	0	0	0	2	9	8	11	0	0	0	4	25	1	3	7	3	1	2	7	3	3
		9	1016.8	–	7.6	1.5	8.3	78	6.1	0	4	4	12	10	0	0	0	0	0	0	2	9	7	11	1	0	0	16	14	0	4	7	2	3	4	6	3	1
		15	1015.7	–	10.9	2.8	8.7	66	6.1	0	4	5	14	7	0	0	0	0	0	0	0	5	11	10	4	0	1	20	9	0	3	6	3	1	6	4	5	2
		21	1017.0	–	6.8	1.2	8.2	82	5.0	4	3	6	11	6	0	0	0	0	0	0	1	5	10	11	3	0	0	5	23	2	6	4	2	1	4	9	1	1
5 ENGLAND SE & CENT. S																																										
Greater London																																										
Heathrow	26	3	1016.5	–	6.0	0.9	8.3	87	5.5	2	4	4	15	5	0	0	0	0	0	0	4	10	4	12	0	0	0	4	25	1	8	1	2	1	6	4	5	2
		9	1016.7	+0.6	8.9	2.1	8.3	72	5.7	1	5	6	10	8	0	0	0	0	0	0	2	5	9	14	0	0	1	9	20	0	7	3	1	3	5	8	2	1
		15	1015.8	–	11.9	3.6	8.2	59	5.8	2	2	2	20	4	0	0	0	0	0	0	0	5	4	19	2	0	0	18	12	0	5	3	4	2	4	6	3	3
		21	1016.9	–	8.1	1.8	8.3	76	5.1	1	7	3	15	4	0	0	0	0	0	0	1	4	11	12	2	0	0	7	23	0	5	4	3	2	7	4	2	3
London	24	3	1016.4	–	7.3	1.4	8.3	80	5.0	2	5	6	15	2	0	0	0	0	0	0	2	11	4	12	1	0	0	9	21	0	2	7	2	0	4	6	6	3
Weather Centre (X)		9	1016.7	–	9.1	2.3	8.1	69	5.4	1	3	9	8	9	0	0	0	0	0	0	3	5	9	11	2	0	0	18	12	0	4	8	0	2	4	6	5	1
		15	1015.8	–	11.9	3.6	8.2	60	6.0	1	2	5	15	7	0	0	0	0	0	0	0	4	8	13	5	0	0	20	10	0	4	5	2	1	7	4	5	2
		21	1016.9	–	8.9	2.1	8.4	73	5.1	3	3	5	15	4	0	0	0	0	0	0	1	7	9	11	2	0	0	16	14	0	4	8	3	3	0	8	4	0
Wiltshire																																										
Lyneham	149	3	1016.8	–	4.7	0.8	7.5	87	4.7	3	8	3	6	10	0	0	0	1	2	0	3	6	6	12	0	0	0	10	20	0	4	6	1	1	6	8	1	3
		9	1016.8	+0.5	7.0	1.4	8.0	79	6.4	0	1	8	13	8	0	0	0	0	0	1	2	9	7	9	2	0	3	16	11	0	3	7	2	2	5	6	4	1
		15	1015.8	–	10.4	2.9	8.0	64	5.9	1	2	6	14	7	0	0	0	0	0	0	1	6	9	10	4	0	1	25	4	0	4	6	1	1	8	3	5	2
		21	1017.2	–	6.4	1.3	8.0	81	5.3	1	7	3	11	8	0	0	0	0	0	0	4	8	4	11	3	0	0	9	21	0	4	6	2	1	5	7	4	1
Berkshire																																										
Easthampstead	75	9	1017.1	–	8.0	1.9	8.0	74	5.8	1	4	5	11	9	0	0	0	0	0	0	0	2	7	3	15	3	0	0	4	26	0	5	4	3	2	5	3	8	0
		15	1016.1	–	11.1	3.4	8.0	61	5.8	2	2	4	17	5	0	0	0	0	0	0	0	4	5	16	5	0	0	2	28	0	6	4	3	1	3	5	6	2
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kent																																										
Langdon Bay	121	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1016.8	–	6.8	0.9	8.7	88	5.3	4	4	5	4	13	0	0	0	0	1	2	3	6	5	13	0	0	7	14	7	2	7	4	1	2	1	7	3	3
Manston	45	3	1016.6	–	5.9	0.8	8.2	88	5.5	2	3	8	10	7	0	0	0	0	1	3	3	6	10	7	0	0	0	12	18	0	5	2	2	3	2	8	4	4
		9	1016.9	–	8.7	1.8	8.6	76	4.9	1	8	4	10	7	0	0	0	0	0	1	2	9	9	9	0	0	0	2	16	12	0	6	3	1	2	5	7	2	4
		15	1016.2	–	10.9	3.1	8.3	63	5.5	0	5	7	11	7	0	0	0	0	0	0	2	8	8	11	1	0	3	21	6	0	9	3	1	0	6	7	3	1
		21	1017.1	–	7.2	1.3	8.3	81	5.3	1	6	5	11	7	0	0	0	0	0	0	4	7	8	9	2	0	2	13	15	0	9	2	4	1	6	4	3	1
Ulcombe	47	9	1016.9	–	8.5	1.6	8.8	79	5.4	2	3	7	10	8	0	0	0	0	0	1	2	23	4	0	0	0	0	9	21	0	7	3	4	3	5	4	3	1
		21	1017.1	–	6.9	1.0	8.5	85	4.9	4	3	7	9	7	0	0	0	0	0	0	1	20	9	0	0	0	0	5	22	3	2	7	2	3	1	3	7	2
Hampshire																																										
Solent	9	3	1016.9	–	6.7	1.1	8.4	84	4.8	6	4	5	6	7	2	0	1	1	0	0	0	5	10	13	0	0	3	8	18	1	7	3	1	4	1	5	5	3
M R S C		9	1017.2	–	8.7	1.9	8.5	75	5.3	4	1	9	6	10	0	0	0	0	0	0	0	11	6	13	0	0	3	15	11	1	7	3	3	2	2	8	3	1
		15	1016.4	–	11.7	3.4	8.4	62	6.2	1	1	6	12	10	0	0	0	0	0	0	0	7	11	12	0	1	6	15	8	0	5	4	1	5	3	8	3	1
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Southampton	9	3	1016.8	–	6.8	1.2	8.3	83	4.7	1	8	7	4	10	0	0	0	0	1	0	0	2	8	9	10	0	0	0	2	28	0	6	2	2	3	0	3	13	1
Weather Centre (X)		9	1017.1	–	8.8	2.1	8.2	72	5.0	2	8	4	7	9	0	0	0	0	1	1	1	7	8	12	0	0	1	5	24	0	7	4	1	3	3	3	8	1
		15	1016.2	–	11.7	3.4	8.4	61	5.7	2	3	5	12	8	0	0	0	0	0	0	0	6	8	15	1	0	0	11	19	0	6	3	1	4	5	3	7	1
		21	1017.3	–	8.9	1.9	8.5	74	5.2	1	8	2	10	9	0	0	0	0	0	0	1	7	10	12	0	0	0	2	28	0	5	6	0	2	3	4	9	1
Isle of Wight																																										
St Catherine's	16	3	–	–	7.0	1.1	8.5	83	3.8	6	9	5	2	6	2	0	1	1	0	0	0	1	7	13	7	0	1	17	9	3	3	3	5	1	1	0	9	5
Point		9	–	–	8.4	1.6	8.7	78	4.9	2	5	10	5	7	1	0	0	0	1	0	0	4	9	12	4	0	2	16	11	1	3	3	6	1	1	2	8	5
		15	–	–	10.3	2.4	8.8	71	4.9	3	4	7	10	6	0	0	0	0	0	0	1	2	9	13	5	0	3	16	10	1	0	4	8	3	1	1	10	2
		21	–	–	8.2	1.5	8.7	79	4.0	6	6	5	5	8	0	0	0	0	0	0	0	2	10	13	5	0	2	11	14	3	3	4	6	0	0	1	10	3
Wellow	25	9	1017.1	–	8.8	1.4	9.2	80	5.6	4	0	6	10	9	1	0	0	0	1	2	2	7	10	8	0	0	0	8	22	0	4	2	8	1	4	2	9	0
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Sussex																																										
Gatwick	64	3	1016.9	–	5.2	0.7	8.0	88	5.0	1	7	6	10	6	0	0	0	0	0	2	0	7	6	6	9	0	0	0	2	24	4	6	2	0	0	8	6	2	2
		9	1017.1	+1.0	8.5	2.0	8.1	72	5.6	1	4	6	12	7	0	0	0	0	0	0	2	9	8	11	0	0	0	13	17	0	7	6	0	1	5	6	4	1
		15	1016.2	–	11.5	3.5	8.0	59	5.9	1	3	3	17	6	0	0	0	0	0	0	0	10	7	10	3	0	0	14	16	0	2	6	2	2	4	8	3	3
		21	1017.3	–	7.4	1.5	8.2	79	5.1	2	5	5	12	6	0	0	0	0	0	0	1	13	7	9	0	0	0	6	23	1	6	2	3	2	4	8	2	2
East Sussex																																										
Herstmonceux	25	3	1016.9	–	5.7	0.8	8.1	87	5.4	1	7	3	8	8	3	0	2	1	0	0	2	7	7	10	1	0	0	8	19	3	6	7	0	3	1	3	6	1
		9	1017.1	–	8.9	1.9	8.6	75	5.3	1	5	6	12	6	0	0	0	0	0	0	2	7	9	12	0	0	2	9	19	0	5	7	1	1	4	2	8	2
		15	1016.5	–	10.7	3.0	8.2	64	6.0	1	1	5	17	6	0	0	0	0	0	0	0	9	8	9	4	0	2	15	13	0	2	7	2	2	3	3	11	0
		21	1017.3	–	7.2	1.2	8.5	82	5.2	4	4	3	11	8	0	0	0	0	0	0	2	9	10	7	2	0	1	11	18	0	5	7	2	1	1	5	6	3
7A ENGLAND NW & I.o.M.																																										
Cumbria																																										
Aspatria	64	9	1014.7	–	7.7	1.6	8.2	78	6.4	1	2	3	14	10	0	0	0	0	0	0	0	1	6	7	10	6	0	2	16	11	1	3	5	4	1	4	6	4	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1015.4	–	6.8	1.4	7.9	79	4.6	2	9	5	8	6	0	0	0	0	0	0	0	1	5	4	9	11	0	1	11	18	0	4	6	3	2	1	8	5	1
Eskmeals	9	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
7A ENGLAND NW & I.o.M. - Continued																																												
Lancashire																																											
Aughton	56	3	1015.5	–	5.8	1.1	7.8	83	4.7	4	3	8	9	6	0	0	0	0	1	0	0	2	4	14	9	0	0	7	23	0	4	3	3	5	7	3	3	2
		9	1015.5	–	8.3	1.8	8.3	75	5.4	1	6	6	6	9	0	0	0	0	0	0	0	6	8	10	6	0	1	14	15	0	5	1	4	4	7	2	6	1
		15	1014.8	–	10.5	3.1	8.0	63	5.4	0	5	7	12	6	0	0	0	0	0	0	1	3	5	7	14	0	0	18	12	0	2	5	1	6	4	3	7	2
		21	1016.0	–	7.7	1.8	7.9	74	4.5	1	9	6	10	4	0	0	0	0	0	0	0	1	6	13	10	0	0	13	16	1	2	3	5	1	6	4	4	4
Squires Gate	11	9	1015.3	–0.3	8.6	2.0	8.2	73	5.4	3	5	2	12	8	0	0	0	0	0	0	10	6	9	5	0	3	21	6	0	3	3	5	6	3	6	2	2
		15	1014.8	–	10.6	3.2	7.9	62	5.4	0	5	7	14	4	0	0	0	0	0	0	1	3	7	11	8	0	1	23	6	0	3	2	4	5	5	4	4	3
Merseyside																																											
Crosby	9	3	1015.2	–	6.3	1.4	7.6	79	4.3	6	4	7	2	11	0	0	0	0	0	0	0	4	3	20	3	0	2	12	14	2	3	3	2	5	6	4	4	1
		9	1015.2	–	8.7	2.1	8.1	71	5.6	2	4	5	8	11	0	0	0	0	0	0	1	6	7	14	2	0	6	14	9	1	4	2	2	9	3	3	5	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1015.8	–	8.1	2.1	7.8	71	4.4	3	5	10	8	4	0	0	0	0	0	0	0	2	0	4	20	4	0	4	14	10	2	1	3	5	3	6	3	4	3
Greater Manchester																																											
Ringway	84	3	1015.7	–	5.6	1.3	7.4	80	4.6	4	7	3	11	5	0	0	0	0	0	0	1	7	10	10	2	0	0	8	21	1	5	2	2	3	12	2	1	2
		9	1015.8	+0.1	8.2	2.2	7.7	70	5.1	3	6	1	15	5	0	0	0	0	0	0	0	6	13	8	3	0	2	18	10	0	3	5	2	3	10	3	1	3
		15	1014.9	–	10.7	3.5	7.4	58	5.5	0	6	5	13	6	0	0	0	0	0	0	0	3	13	8	6	0	1	21	8	0	2	5	3	2	6	4	5	3
		21	1016.2	–	7.5	2.1	7.5	71	4.6	1	9	5	14	1	0	0	0	0	0	0	0	4	10	13	3	0	0	12	17	1	4	4	4	1	9	2	5	0
Isle of Man																																											
Calf of Man	93	3	–	–	–	–	–	–	6.2	0	4	5	3	18	0	0	0	0	0	0	1	1	5	20	3	0	5	15	10	0	5	1	5	4	7	5	3	0
		9	–	–	–	–	–	–	6.0	0	1	11	5	13	0	0	0	0	1	0	0	2	6	16	5	0	7	15	8	0	6	1	3	3	9	4	3	1
		15	–	–	–	–	–	–	5.9	0	1	11	12	6	0	0	0	0	0	0	0	0	10	15	5	0	10	7	13	0	8	0	3	0	12	1	5	1
		21	–	–	–	–	–	–	5.6	0	2	11	7	10	0	0	0	0	1	0	0	0	6	16	7	0	5	13	11	1	5	2	4	1	8	4	3	2
Point of Ayre	11	3	1014.0	–	7.0	0.9	8.7	86	5.0	7	3	3	3	14	0	0	0	0	0	0	0	0	8	10	12	0	2	18	9	1	3	5	1	6	4	6	3	1
		9	1014.0	–1.2	8.1	1.2	9.0	83	6.2	2	3	2	8	15	0	0	0	0	0	0	1	6	19	4	0	6	18	4	2	3	4	0	5	6	5	2	3
		15	1013.9	–	9.9	1.7	9.6	78	5.5	2	2	7	11	8	0	0	0	0	1	0	0	1	6	18	4	0	5	13	9	3	3	2	1	5	4	4	4	4
		21	1014.7	–	7.7	1.1	8.9	84	4.7	1	8	8	4	9	0	0	0	0	0	0	0	1	5	13	11	0	5	10	14	1	1	6	1	4	5	5	4	3
Ronaldsway	21	3	1014.5	–	6.4	1.1	8.2	84	5.5	4	4	3	8	11	0	0	0	0	0	0	1	9	6	8	6	0	6	13	10	1	5	2	6	1	6	4	4	1
		9	1014.5	–0.9	7.9	1.5	8.4	78	6.1	0	2	8	13	7	0	0	0	0	0	0	3	4	11	3	9	0	4	21	5	0	3	4	5	1	6	6	3	2
		15	1014.2	–	9.5	2.5	8.1	68	5.7	1	2	7	15	5	0	0	0	0	0	0	0	8	4	12	6	0	4	20	6	0	1	3	7	0	7	4	3	5
		21	1015.2	–	7.5	1.6	8.0	77	4.9	0	8	7	9	6	0	0	0	0	0	0	0	6	6	9	9	0	3	14	12	1	4	5	2	2	4	5	4	3
7B WALES N																																											
Gwynedd																																											
Nantmor	52	9	–	–	8.8	1.9	8.5	75	6.3	1	3	3	11	12	0	0	0	0	0	0	0	3	7	0	20	0	0	7	19	4	11	0	1	0	11	1	2	0
		21	–	–	8.2	1.9	8.2	74	5.5	3	5	3	5	14	0	0	0	0	0	0	1	3	26	0	0	0	1	5	16	8	11	0	1	0	9	0	1	0
Valley	11	3	1014.8	–	7.0	1.2	8.4	83	5.1	2	9	1	5	13	0	0	0	0	1	0	0	7	10	6	6	0	5	13	11	1	5	4	2	1	8	5	3	1
		9	1014.9	–0.7	8.8	1.7	8.8	77	5.7	2	4	2	15	7	0	0	0	0	0	0	1	6	10	5	8	0	6	16	8	0	5	3	3	1	8	5	3	2
		15	1014.7	–	10.6	2.4	9.0	70	5.4	1	5	5	14	5	0	0	0	0	0	0	1	6	7	8	8	0	6	16	8	0	2	5	0	1	7	8	5	2
		21	1015.6	–	8.0	1.5	8.6	79	5.2	0	6	9	7	8	0	0	0	0	0	1	2	7	3	12	5	0	4	11	15	0	4	7	1	1	9	5	2	1
Clwyd																																											
Moel-y-Crio	263	9	1015.6	–	6.6	1.2	8.1	82	6.0	1	3	5	11	10	0	0	0	0	0	0	0	6	4	6	10	4	0	4	17	9	0	5	0	3	3	8	4	7	0
		15	1014.8	–	9.5	2.5	8.0	68	6.1	1	1	4	16	8	0	0	0	0	0	0	1	3	7	13	6	0	7	16	7	0	6	0	4	3	4	5	7	1
		21	1016.4	–	5.9	1.3	7.6	81	4.7	1	9	4	11	5	0	0	0	0	0	0	2	3	6	13	6	0	3	16	11	0	3	2	4	3	3	8	4	3
8A WALES S																																											
Dyfed																																											
Aberporth	134	3	1015.4	–	6.1	1.2	7.9	82	4.7	8	3	1	9	7	2	1	1	0	0	0	1	9	7	5	6	2	7	11	10	0	1	3	3	5	10	3	2	3
		9	1015.2	–0.7	7.7	1.4	8.5	80	6.3	1	2	4	12	10	1	0	0	1	0	0	0	10	8	7	4	0	11	12	7	0	4	5	1	5	6	5	3	1
		15	1015.0	–	9.6	2.2	8.5	71	5.2	2	7	2	11	8	0	0	0	0	0	0	0	7	10	9	4	0	9	14	7	0	5	2	0	4	7	5	3	4
		21	1016.0	–	7.4	1.4	8.4	80	4.9	4	6	2	11	7	0	0	0	0	0	0	2	8	7	8	5	0	6	14	9	1	3	4	1	3	9	5	3	1
Brawdy	116	3	1015.8	–	6.0	0.7	8.5	89	5.4	5	4	1	7	12	1	2	0	3	1	1	3	4	5	8	3	0	3	11	16	0	5	5	1	2	5	6	6	0
		9	1015.6	–	7.9	1.3	8.8	81	6.1	2	3	1	14	10	0	0	0	1	0	1	1	8	6	9	4	0	4	21	5	0	5	4	1	4	5	6	3	2
		15	1015.5	–	9.6	1.9	9.0	76	5.2	2	5	6	9	8	0	0	1	0	1	0	1	7	8	7	5	0	2	22	6	0	8	2	0	0	7	7	4	2
		21	1016.4	–	7.0	1.0	8.7	85	5.2	4	5	2	9	10	0	1	1	0	1	1	1	6	6	10	3	0	2	16	12	0	4	5	2	1	5	5	6	2
Milford Haven	39	3	1016.2	–	7.2	0.9	9.0	86	4.9	6	3	6	2	13	0	0	0	0	1	1	1	7	11	9	0	0	3	10	17	0	5	5	2	4	3	6	3	2
		9	1016.0	–0.2	8.3	1.4	9.0	81	5.4	3	2	6	7	12	0	0	0	0	0	0	0	12	6	12	0	0	3	20	7	0	5	4	5	2	5	4	5	0
		15	1015.9	–	10.3	2.0	9.4	75	5.3	3	4	6	7	10	0	0	0	0	0	0	0	14	3	13	0	0	1	17	12	0	7	3	2	1	5	6	5	1
		21	1016.7	–	8.3	1.1	9.3	84	4.8	4	6	5	5	10	0	0	0	0	0	0	1	6	13	10	0	0	3	8	18	1	6	3	3	1	4	7	4	1
West Glamorgan																																											
Mumbles Head	32	3	1016.4	–	7.0	0.9	8.8	86	4.7	5	4	7	1	13	0	0	0	0	0	1	0	3	14	12	0	0	3	10	16	1	3	4	3	3	4	3	7	2
		9	1016.3	+1.0	8.3	1.2	9.2	83	5.5	3	5	3	5	14	0	0	0	0	0	0	1	12	6	11	0	0	4	12	11	3	3	2	5	4	4	4	5	0
		15	1015.8	–	9.9	1.7	9.5	79	5.4	1	5	6	7	11	0	0	0	0	0	0	2	11	9	8	0	0	2	19	8	1	2	2	2	6	3	7	5	2
		21	1016.8	–	8.3	1.3	9.1	83	4.1	5	8	4	4	9	0	0	0	0	0	0	0	7	13	10	0	0	3	10	15	2	5	2	3	0	4	6	6	2
Mid Glamorgan																																											
Cwmbargoed	372	9	–	–	5.6	0.8	8.1	88	5.8	1	3	7	6	11	2	2	0	0	2	3	1	10	4	8	0	0	5	11	14	0	3	6	2	2	6	3	6	2
South Glamorgan																																											
Rhoose	74	3	1016.7	–	5.8	0.9	8.1	86	4.6	2	9	4	6	9	0	0	0	0	0	1	2	8	8	11	0	0	2	8	17	3	1	5	3	2	3	2	6	5
		9	1016.6	+0.3	8.0	1.5	8.5	78	5.5	1	3	9	8	9	0	0	0	0	0	0	3	8	8	8	3	0	2	24	4	0	4	8	4	2	3	1	8	0
		15	1015.8	–	10.6	2.4	9.0	70	5.7	1	4	4	15	6	0	0	0	0	0	0	0	10	6	11	3	0	3	19	8	0	1	7	3	4	1	7	6	1
		21	1017.1	–	7.5	1.4	8.4	80	5.0	1	6	8	8	7	0	0	0	0	1	0	0	7	15	4	3	0	1	14	14	1	0	7	1	4	3	3	7	4
8B ENGLAND SW																																											
Avon																																											
Bristol	40	3	1016.7	–	7.0	1.4	8.1	79	4.8	4	6	3	9	8	0	0	0	0	0	0	2	12	7	8	1	0	0	2	23	5	3	6	0	3	4	3	4	2
Weather Centre (X)		9	1016.8	+0.5	8.4	2.0	8.1	73	5.9	0	3	7	11	9	0	0	0	0	0	0	3	10	7	10	0	0	0	10	19	1	3	6	3	2	4	3	8	0
		15	1015.9	–	11.3	3.2	8.3	62	5.6	1	5	5	11	8	0	0	0	0	0	0	0	10	8	9	3	0	1	15	14	0	2	6	3	2	5	3	8	1
		21	1017.2	–	8.6	2.0	8.3	73	5.8	1	4	4	16	5	0	0	0	0	0	0	2	9	12	6	1	0	0	6	19	5	1	10	1	2	1	5	5	0

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
8B ENGLAND SW - Continued																																											
Somerset																																											
Tivington	83	3	1017.0	–	6.1	1.0	8.2	85	4.9	0	9	6	6	9	0	0	0	0	0	1	6	6	7	9	1	0	0	7	22	1	3	4	4	2	1	5	9	1
		9	1017.0	–	8.1	1.6	8.6	78	5.7	0	3	8	14	5	0	0	0	0	0	1	4	10	7	4	4	0	0	9	21	0	3	3	7	1	4	4	5	3
		15	1016.2	–	10.7	2.3	9.3	71	5.6	0	6	5	12	7	0	0	0	0	0	2	5	5	6	10	2	0	0	14	16	0	0	2	9	0	2	7	6	4
		21	1017.4	–	7.7	1.6	8.3	78	4.3	0	12	5	6	7	0	0	0	0	0	0	3	6	6	12	3	0	0	8	22	0	3	2	5	3	2	7	8	0
Yeovilton	23	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dorset																																										
Hurn	11	3	1017.0	–	5.3	0.7	8.2	89	4.8	5	3	6	9	7	0	0	0	0	2	1	2	7	6	12	0	0	0	7	21	2	5	1	3	2	1	5	6	5
		9	1017.1	+0.5	8.8	1.8	8.7	76	5.2	3	4	6	8	9	0	0	0	0	0	1	1	12	2	14	0	0	1	15	14	0	7	4	1	3	3	9	1	2
		15	1016.3	–	11.2	3.0	8.5	64	5.7	1	4	5	9	11	0	0	0	0	0	0	2	7	7	9	5	0	2	20	8	0	8	1	1	3	8	6	2	1
		21	1017.4	–	7.5	1.3	8.5	81	4.7	4	3	6	12	5	0	0	0	0	0	1	8	6	14	1	0	0	0	12	16	2	7	4	1	2	2	8	2	2
Portland	54	9	1017.1	–	8.2	1.6	8.6	78	5.2	4	4	4	7	9	2	1	0	0	1	0	3	8	4	13	0	1	4	16	9	0	5	5	2	3	4	3	7	1
Bill C.G.		15	1016.5	–	10.4	2.3	9.0	72	5.4	3	4	3	11	9	0	0	0	0	0	1	4	6	8	11	0	0	5	16	9	0	2	6	2	4	5	2	8	1
Devon																																										
Exeter	38	3	1017.1	–	5.5	0.8	8.2	88	4.6	7	3	4	10	6	0	0	0	0	0	2	1	9	10	8	0	0	0	7	20	3	4	2	1	3	7	1	4	5
		9	1017.1	+0.6	8.4	1.7	8.5	76	5.8	1	3	7	10	9	0	0	0	0	0	0	3	7	6	11	3	0	0	14	16	0	9	4	0	3	8	0	5	1
		15	1016.3	–	11.1	2.7	9.0	68	6.3	2	1	4	12	11	0	0	0	0	0	0	2	6	10	8	4	0	3	18	9	0	5	4	0	3	6	4	3	5
		21	1017.5	–	7.8	1.3	8.7	81	5.1	2	6	4	13	5	0	0	0	0	0	0	1	10	5	13	1	0	0	7	20	3	4	4	1	2	4	5	4	3
Lundy	43	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	8.8	1.1	9.7	86	4.3	2	7	10	3	7	1	0	0	0	2	0	0	4	11	13	0	1	8	13	7	1	4	5	1	0	5	4	9	1
Mount Batten	28	3	1017.2	–	–	–	–	–	5.0	3	4	6	9	8	0	0	0	0	1	1	1	8	9	10	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1017.1	+0.7	–	–	–	–	5.4	2	6	2	11	9	0	0	0	0	1	0	2	10	5	10	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	1016.7	–	–	–	–	–	5.8	1	4	4	13	8	0	0	0	0	1	0	2	7	8	10	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1017.7	–	–	–	–	–	4.5	3	9	4	10	4	0	0	0	0	1	0	1	10	7	11	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cornwall																																										
Camborne	88	3	1016.9	–	6.7	0.8	8.7	88	5.0	3	5	6	7	9	0	0	0	1	1	1	3	8	5	8	3	1	3	10	15	1	2	6	2	3	8	5	3	0
		9	1016.7	–	8.6	1.6	8.9	78	6.1	2	1	5	14	7	1	1	0	1	1	0	2	8	7	9	1	0	7	17	6	0	6	2	2	2	6	5	6	1
		15	1016.7	–	9.9	2.0	9.2	75	5.9	1	3	5	14	7	0	0	0	0	1	1	2	6	6	9	5	0	5	19	6	0	7	1	3	1	5	3	6	4
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Culdrose	84	3	1017.1	–	–	–	–	–	5.2	5	3	4	6	11	1	1	0	0	3	0	5	8	4	9	0	1	1	10	16	2	2	5	3	2	2	6	6	2
		9	1016.9	–	8.9	1.4	9.3	81	6.1	1	2	5	13	9	0	0	1	0	0	2	2	8	6	11	0	0	5	15	10	0	6	1	5	1	4	5	5	3
		15	1016.7	–	10.4	1.9	9.8	77	5.7	2	1	8	11	8	0	0	1	0	1	0	1	9	3	15	0	0	3	16	11	0	7	1	4	1	2	5	7	3
		21	1017.6	–	8.2	1.1	9.4	85	5.0	3	6	5	5	11	0	0	0	0	2	0	5	7	5	11	0	0	1	13	16	0	4	5	2	0	4	5	7	3
Gwennap Head	70	3	1016.8	–	7.7	1.1	9.0	85	5.5	3	4	4	5	9	5	3	2	0	1	1	1	2	6	10	4	2	2	20	6	0	3	6	1	2	8	5	4	1
		9	1016.7	–	8.7	1.5	9.0	79	5.9	2	1	6	10	9	2	1	1	0	1	0	3	7	7	6	4	1	7	20	2	0	4	2	3	3	6	7	2	3
		15	1016.7	–	9.9	1.8	9.4	77	5.7	3	1	8	7	9	2	0	2	0	0	2	1	7	4	10	4	0	5	21	3	1	6	0	3	1	6	8	3	2
		21	1017.5	–	8.4	1.1	9.5	85	4.6	5	4	8	3	8	2	1	0	0	2	0	1	5	8	9	4	0	6	15	9	0	6	2	1	1	7	6	3	4
St Mawgan	107	3	1016.8	–	6.9	0.9	8.7	86	5.0	3	3	9	5	9	1	0	1	0	0	1	6	7	3	10	2	0	2	12	15	1	3	6	3	1	9	3	4	0
		9	1016.6	+0.1	8.8	1.6	8.9	78	5.8	1	4	5	11	8	1	0	1	0	1	0	1	9	4	9	5	0	5	16	9	0	5	3	2	5	8	2	3	2
		15	1016.4	–	10.4	2.2	9.2	73	6.0	1	3	3	16	7	0	0	0	0	0	0	0	10	6	8	6	0	5	20	5	0	5	2	1	2	4	7	6	3
		21	1017.4	–	7.9	1.2	9.0	83	4.8	3	6	7	6	8	0	0	0	0	2	0	1	10	5	9	3	0	0	16	14	0	4	4	2	4	4	6	5	1
CHANNEL ISLANDS																																										
Channel Islands																																										
Guernsey Airport	107	3	1017.3	–	7.0	0.8	8.9	88	5.4	2	6	3	11	8	0	0	1	0	1	1	4	5	6	9	3	0	2	13	15	0	5	4	1	3	4	2	7	4
		9	1017.4	–	8.1	1.1	9.2	84	5.7	0	4	7	12	7	0	0	1	0	0	0	6	5	4	10	4	0	4	16	10	0	8	4	1	2	7	2	6	0
		15	1016.9	–	10.0	1.8	9.5	77	5.3	2	5	4	14	5	0	0	1	0	0	0	2	8	10	4	5	0	6	14	10	0	5	7	1	3	3	4	7	0
		21	1017.7	–	8.2	1.2	9.2	84	4.2	4	9	3	7	7	0	0	1	0	0	2	3	7	5	9	3	0	3	15	12	0	3	7	1	1	2	5	8	3
Jersey Airport	94	3	1017.3	–	7.1	0.9	8.8	87	4.5	4	7	5	6	8	0	0	0	2	0	5	2	3	6	9	3	0	1	14	13	2	4	5	2	3	2	4	6	2
		9	1017.6	+1.0	8.5	1.3	9.2	81	5.7	0	7	2	14	7	0	1	0	0	1	0	4	6	5	11	2	0	5	15	10	0	6	2	3	3	6	2	6	2
		15	1017.0	–	10.7	2.4	9.2	71	5.6	0	6	3	15	6	0	0	0	0	0	0	1	9	7	11	2	0	5	14	11	0	8	2	4	4	4	0	7	1
		21	1017.7	–	8.4	1.3	9.0	82	4.3	3	9	5	6	7	0	0	0	0	1	0	3	8	5	9	4	0	3	13	13	1	1	7	3	1	3	3	7	4
NORTHERN IRELAND																																										
Antrim																																										
Aldergrove	73	3	1013.7	–	5.6	0.8	8.1	87	5.3	2	8	1	7	12	0	0	0	0	0	0	1	5	6	7	11	0	1	10	17	2	6	2	1	4	8	5	0	2
		9	1013.6	-1.7	7.6	1.6	8.2	78	6.0	0	2	7	15	6	0	0	0	0	0	0	0	4	8	11	7	0	1	16	13	0	7	2	0	4	7	4	3	3
		15	1013.6	–	9.8	2.5	8.3	68	6.1	0	2	7	13	8	0	0	0	0	0	0	0	5	6	6	13	0	1	21	8	0	7	2	1	3	8	2	4	3
		21	1014.6	–	6.7	1.3	8.0	80	5.0	0	8	6	9	7	0	0	0	0	0	0	1	4	7	9	9	0	0	12	17	1	5	1	2	5	6	4	3	3
Londonderry																																										
Carmoney	73	9	–	–	7.5	1.3	8.6	82	6.4	1	0	7	11	11	0	0	0	0	0	0	0	0	0	0	30	0	0	1	16	12	1	2	4	2	1	9	6	3	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Down																																										
Long Kesh	39	3	1013.9	–	5.5	0.8	8.0	87	5.3	5	4	3	3	15	0	0	0	0	0	0	2	5	8	14	1	0	0	6	23	1	2	1	2	4	6	5	9	0
		9	1013.9	–	8.0	1.6	8.4	78	6.3	0	2	6	12	10	0	0	0	0	0	0	1	8	2	14	5	0	0	18	12	0	5	2	2	3	5	2	7	4
		15	1013.7	–	10.4	2.7	8.4	67	6.2	0	0	11	11	8	0	0	0	0	0	0	1	2	4	12	11	0	0	16	14	0	4	2	4	2	6	4	6	2
		21	1014.8	–	7.1	1.4	8.1	80	4.9	2	7	6	3	12	0	0	0	0	0	0	2	5	6	15	2	0	0	7	22	1	4	1	3	2	5	7	5	2
Tyrone																																										
Carrigans	113	9	1012.9	–	7.5	1.1	8.8	84	6.0	0	0	11	10	9	0	0	0	0	0	0	0	2	4	15	9	0	0	2	20	6	2	6	3	1	4	6	4	1	3
		21	1014.5	–	6.7	1.0	8.5	86	6.0	1	1	9	5	14	0	0	0	0	0	0	1	0	10	18	1	0	0	1	10	15	4	10	2	2	2	5	2	1	2
Fermanagh																																										
Corgary	144	9	1013.2	–	7.3	1.4	8.3	80	6.6	0	2	1	16	11	0	0	0	0	0	0	0	0	12	8	5	5	0	1	22	4	3	2	4	0	6	5	4	6	0

Table 5 Number of days with max. and min. temperatures between given limits — April 1991

Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	3	24	3	0	0	0	0	0	0	0	3	17	10	0	0
Kirkwall	0	0	14	16	0	0	0	0	0	0	0	1	19	10	0	0
Stornoway	0	0	17	13	0	0	0	0	0	0	0	0	17	13	0	0
Braemar	0	4	16	9	1	0	0	0	0	0	0	10	16	4	0	0
Craibstone	0	1	13	15	1	0	0	0	0	0	0	1	21	8	0	0
Dunstaffnage	0	0	11	19	0	0	0	0	0	0	0	1	15	14	0	0
Abbotsinch	0	0	5	22	3	0	0	0	0	0	0	5	12	13	0	0
Rothesay	0	0	13	16	1	0	0	0	0	0	0	1	16	13	0	0
Eskdalemuir	0	0	22	7	1	0	0	0	0	0	0	11	14	5	0	0
Boulmer	0	0	17	11	2	0	0	0	0	0	0	2	19	9	0	0
Leeming	0	0	9	18	3	0	0	0	0	0	0	3	15	10	2	0
Hull	0	0	9	17	4	0	0	0	0	0	0	1	15	13	1	0
Cranwell	0	0	9	17	3	1	0	0	0	0	0	3	19	8	0	0
Cambridge N I A B	0	0	7	18	3	2	0	0	0	0	0	3	17	9	1	0
Lowestoft	0	0	9	19	2	0	0	0	0	0	0	1	11	18	0	0
Shawbury	0	0	6	19	5	0	0	0	0	0	0	7	13	9	1	0
Elmdon	0	0	6	22	2	0	0	0	0	0	0	3	16	11	0	0
Heathrow	0	0	5	18	5	2	0	0	0	0	0	2	12	15	1	0
Southampton	0	0	3	22	4	1	0	0	0	0	0	0	11	19	0	0
Hastings	0	0	9	18	3	0	0	0	0	0	0	0	11	19	0	0
Douglas	0	0	14	16	0	0	0	0	0	0	0	0	12	18	0	0
Ringway	0	0	7	20	3	0	0	0	0	0	0	2	17	10	1	0
Valley	0	0	9	20	1	0	0	0	0	0	0	0	7	23	0	0
Aberporth	0	0	14	16	0	0	0	0	0	0	0	0	16	14	0	0
Rhoose	0	0	4	23	3	0	0	0	0	0	0	3	13	14	0	0
Falmouth	0	0	7	22	1	0	0	0	0	0	0	0	12	18	0	0
Aldergrove	0	0	9	21	0	0	0	0	0	0	0	2	14	14	0	0
Armagh	0	0	7	22	1	0	0	0	0	0	0	0	19	11	0	0

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed							Highest values						
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn		Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time
0 SCOTLAND N																			
Shetland	Fair Isle	71	10	10		0	20	185	374	127	28	6	16.3	230	33	7 22	120	52	4 2054
	Lerwick	93	10	10		0	16	153	412	117	38	0	15.9	220	33	2 20	210	51	2 2048
	Sella Ness	16	10			0	15	131	420	124	42	3	15.4	260	32	8 02	120	45	4 2300
	Sumburgh	35	10	10		0	17	149	424	115	32	0	16.2	260	32	8 01	140	51	4 2124
Orkney	Kirkwall Airport	41	15	10	7 8	9	19	158	420	116	17	0	16.6	240	37	7 19	240	57	7 1948
Western Isles	Benbecula	16	10	10	6 11	4	16	125	349	195	47	0	14.5	160	36	6 12	150	55	6 1236
	Butt Of Lewis	43	10	10	2 7-9 11 18	33	23	208	344	117	18	0	17.9	200	43	11 16	270	59	7 2118
	Stornoway	12	10	10	11	2	10	45	316	263	93	1	11.1	190	34	11 16	180	51	11 1606
Highland	Aviemore	250	10	10		0	6	28	267	313	112	0	9.8	190	31	11 08	190	49	11 1306
	Dalcross	20	10	10		0	6	26	292	313	89	0	10.3	200	30	11 13	250	48	8 1330
	Duirinish	38	20	17	11	1	10	113	207	299	100	0	11.5	230	34	11 15	220	58	11 1530
	Invergordon Harbour	19	16	06	11	1	4	11	266	303	138	1	9.2	220	34	11 18	220	59	11 1736
	Shin	24	10	10		0	3	6	147	371	196	0	7.1	220	23	2 15	260	43	7 2000
	Wick	45	10	10		0	11	44	464	155	55	2	12.9	140	27	4 13	150	43	6 1612
1 SCOTLAND E																			
Grampian	Aberdeen, Dyce Airport	68	10	10	11	1	6	20	383	256	60	0	11.4	160	34	11 10	190	47	11 1506
	Cairngorm	1075	10	10	1 2 4 6-11	100	21	179	307	98	36	0	20.5	270	54	1 13	230	76	11 2054
	Kinloss	18	13	13		0	5	24	330	266	100	0	10.7	230	26	2 15	200	42	11 0924
	Lossiemouth	17	10	10		0	7	29	346	248	97	0	11.0	160	31	6 16	160	48	6 1618
	Peterhead Harbour	34	30	15		0	12	74	451	176	19	0	14.1	180	31	6 18	020	42	16 2006
Tayside	Mylnefield	40	10	10		0	2	4	211	373	121	11	8.3	230	24	7 12	230	41	7 1124
	Tummel Bridge	161	16	16		0	0	0	98	424	196	2	6.4	280	17	8 10	280	39	1 1706
	Perth Aerodrome	118	10	10		0	5	21	338	264	87	10	10.7	230	26	7 10	230	45	7 0948
	Rannoch	307	17	17		0	5	39	328	272	71	10	11.1	200	26	7 07	200	39	7 0806
Fife	Leuchars	25	13	13		0	6	37	390	226	67	0	11.6	230	30	1 12	240	47	7 1142
Lothian	Edinburgh Turnhouse Airport	43	13	10		0	5	17	352	265	86	0	10.6	230	24	7 09	230	45	7 1206
	Royal Observatory, Blackford Hill	159	10	10	4 7 11	5	13	131	394	161	29	0	15.0	180	36	11 12	180	59	11 1130
	Forth Road Bridge	72		72	1 5 7 8	9	16	125	354	192	40	0	14.7	230	37	1 22	240	50	7 1600
	Leith	15	09		1 7	5	12	90	391	178	51	5	14.0	260	35	7 12	290	54	8 0842
Borders	Charter Hall	112		10		0	8	32	361	244	81	2	11.3	230	32	9 12	230	43	9 1224
6 SCOTLAND W																			
Strathclyde	Abbotsinch Airport	16	10	10		0	5	27	285	306	102	0	10.0	220	27	1 08	240	43	7 1206
	Blairlinnans	145	13	12	Defective record														
	Dunstaffnage	13	10	10		0	3	7	298	329	86	0	9.7	170	23	11 08	280	42	8 0818
	Greenock Port	51	49			0	17	106	385	170	55	4	14.1	170	33	11 10	170	57	11 1024
	Inchterf	55	15	12		0	3	11	253	333	123	0	9.1	240	26	7 12	230	47	7 1136
	Lowther Hill	754	27																
	Machrihanish	10	10	10	4	3	12	86	389	193	49	0	13.5	150	34	4 04	150	53	4 0724
	Prestwick Airport	21	10	10		0	7	11	359	292	58	0	10.8	310	25	18 13	140	43	4 0900
	Salsburgh	275	15	11	7 10 11	3	17	172	388	140	17	0	16.3	190	35	10 23	190	51	10 2342
	Tiree	21	11	10	4 6	6	19	159	399	132	24	0	16.2	140	36	4 07	240	52	7 0318
Dumfries & Galloway	Chapelcross	64	15	15		0	9	28	340	284	29	39	11.6	240	26	2 05	200	43	4 1100
	Dumfries, Drungans	28	13	10		0	0	0	203	341	174	2	7.8	240	21	7 03	210	45	11 1248
	Eskdalemuir	259	10	10		0	3	13	290	318	99	0	9.7	200	25	11 13	220	48	11 1300
	West Freugh	24	10	10		0	9	66	359	216	79	0	12.1	190	27	11 09	260	41	7 1142
	Whithorn	40	15			0	13	87	389	217	26	1	13.7	130	32	4 06	130	52	4 0654

Table 6 Summary of autographic records of wind

District / Region/County and Place	Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
				34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn		Hourly wind			Gust			
	Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed kn	Day	Hour beginning	Veer from N	Speed kn	Day Time
2 ENGLAND E & N E																			
Northumberland Blyth	19	10	10	Defective record															
Boulmer	33	10	10		0	8	24	362	284	50	0	11 3	230	29	7	13	240	45	7 1418
Tyne & Wear South Shields	22	17	13		0	4	17	87	143	433	40	4 6	010	25	19	02	340	39	19 1848
Durham Burnhope	244	10	10		0	4	9	370	280	61	0	11 0	230	26	1	10	160	45	4 0948
Cleveland Hartlepool	15	10	10		0	12	92	383	219	26	0	14 0	020	31	19	03	230	43	1 1206
North Yorkshire Church Fenton	18	10	10		0	3	5	280	324	111	0	9 2	240	24	1	13	240	40	1 1254
Fylingdales	242	10	10		0	15	77	418	183	38	4	13 9	250	31	1	13	010	52	19 0254
Leeming	42	10	10		0	5	9	326	304	81	0	10 5	150	24	4	10	010	45	19 1600
Linton-on-Ouse	24	10	10		0	3	6	312	317	85	0	9 9	160	24	4	10	350	43	18 1306
Humberside Bridlington MRSC	31	16	18																
Spurn Point	17	10	10	4	3	13	92	425	155	20	25	14 9	160	35	4	11	160	49	4 1306
Lincolnshire Coningsby	16	10	10		0	5	10	342	312	56	0	10 8	160	29	4	12	160	47	4 1218
Cranwell	68	13	13		0	6	47	347	254	72	0	11 4	160	31	4	11	250	52	2 1736
Scampton	68	10	10		0	4	12	404	278	26	0	11 5	160	24	4	11	150	40	4 1106
Waddington	80	10	10		0	5	21	378	293	28	0	11 4	170	29	4	11	160	44	4 1142
3 EAST ANGLIA																			
Norfolk Coltishall	27	10	10		0	6	15	301	339	65	0	10 6	180	27	4	12	180	46	4 1324
Gorleston	16	13	13	4	8	10	99	381	211	21	0	14 3	160	38	4	13	160	50	4 1336
Hemsby	26	13	13		0	9	45	400	236	39	0	12 3	160	30	4	13	160	45	4 1336
Marham	29	10	10		0	6	21	351	295	53	0	11 4	160	26	4	12	200	43	2 1400
Cambridgeshire Wittering	87	10	10		0	5	14	391	274	41	0	11 2	170	25	4	11	150	47	4 1148
Wyton	45	10	10		0	5	10	349	322	39	0	10 6	040	24	19	10	020	39	17 1118
Suffolk Honington	60	13	13		0	1	7	296	351	66	0	9 9	150	26	4	12	350	43	16 1618
Wattisham	105	16	10		0	6	22	347	325	26	0	11 4	170	25	4	11	170	44	4 1312
Bedfordshire Bedford	93	12	10		0	6	34	367	291	28	0	11 8	030	27	19	10	170	44	4 1118
Essex Shoeburyness	12	10	10		0	3	15	312	319	74	0	10 2	180	28	4	13	170	47	4 1324
Stansted	108	10	10		0	4	12	297	351	60	0	10 4	170	25	4	10	160	40	4 1048
Walton On Naze	10	10	10	4	3	6	36	379	241	61	0	11 7	170	35	4	13	070	42	30 0906
4 MIDLAND COUNTIES																			
West Yorkshire Leeds Weather Centre	43	10	10		0	3	11	191	442	76	0	8 6	270	27	7	10	270	49	7 1024
Wilsden	272	10	10		0	1	6	379	301	34	0	11 1	230	26	7	09	230	42	7 0930
South Yorkshire Finningley	19	10	10		0	4	8	320	326	66	0	10 2	230	24	1	15	280	41	8 1354
High Bradfield	405	10	10	1 2 7	16	14	108	400	177	19	0	15 4	250	40	1	11	260	55	7 0954
Sheffield University	146	29	15		0	3	5	302	346	67	0	9 5	240	23	1	12	240	48	1 1224
Nottinghamshire Nottingham Weather Centre	133	16	10		0	0	0	297	376	47	0	9 7	170	20	4	10	160	44	4 1054
Staffordshire Cellarhead	241	13	8		0	1	1	224	410	82	3	8 6	150	22	4	07	150	39	4 1030
Keele	162	10	10		0	2	7	335	323	55	0	10 4	190	25	4	07	190	44	4 0706
Shropshire Shawbury	84	12	10		0	5	7	272	366	75	0	9 4	160	22	4	07	150	39	4 0712
West Midlands Birmingham Elmdon Airport	108	10	10		0	0	0	226	386	108	0	8 4	360	21	19	08	170	40	4 1018
Hereford & Worcs Preston Wynne	97	13	13	Defective record															
Oxfordshire Benson	67	10	10		0	3	10	258	334	118	0	8 9	180	27	4	08	180	45	4 0848
Brize Norton	91	13	10		0	2	2	308	326	84	0	9 8	010	24	19	11	160	40	4 0830
Oxford	113	50	22		0	4	12	357	319	32	0	11 1	020	26	19	11	250	45	4 1324
5 ENGLAND S E & CENTRAL																			
Greater London Heathrow Airport	34	10	10		0	1	1	171	423	125	0	7 9	170	22	4	09	150	40	4 0930
London Weather Centre	93	70	38		0	3	9	389	304	18	0	11 3	200	24	6	16	190	46	4 0918
Northolt	49	15	12		0	1	1	226	384	109	0	8 5	030	22	19	11	170	43	4 0848
Wiltshire Boscombe Down	130	17	17		0	6	26	313	321	60	0	10 4	180	28	4	07	160	48	4 0700
Larkhill	155	10	10		0	4	13	282	348	77	0	9 6	360	25	19	09	180	47	4 0842
Lyneham	156	10	10		0	4	13	328	335	44	0	10 8	020	27	19	11	160	43	4 0848
Kent East Malling	33	12	10		0	0	0	89	388	240	3	5 9	190	20	6	14	170	38	4 0842
Gravesend	25	20			0	1	2	247	373	97	1	8 6	070	24	30	08	180	40	4 1012
Langdon Bay	117	12	12	4	1	15	133	352	184	48	2	14 3	180	34	4	13	180	56	4 1306
Lydd Ranges	1	10	10		0	6	37	327	256	62	38	11 7	260	33	4	12	250	45	4 1130
Manston	62	10	10		0	5	23	315	325	57	0	10 6	160	27	4	12	160	46	4 1336
Sheerness	50	44	10	30	6	18	148	385	162	19	0	15 4	050	39	30	10	180	51	4 1242
Hampshire Farnborough	75	10	10		0	0	0	209	384	127	0	8 1	190	21	4	09	190	39	4 0930
Middle Wallop	94	10	10		0	4	16	314	311	56	23	10 6	170	28	4	07	350	48	19 1112
West Sussex Gatwick Airport	69	13	13		0	0	0	213	373	134	0	8 2	170	20	4	09	170	43	4 1118
Shoreham-by-Sea	21	11	15	Defective record															
East Sussex Herstmonceux	27	10	10		0	4	27	273	275	145	0	9 9	180	29	4	11	240	46	7 1448
7A ENGLAND N W & I O M																			
Cumbria Carlisle	41	15	9		0	6	28	227	375	90	0	9 5	230	26	1	17	230	44	7 1048
Eskmeals	24	16	10		0	3	18	368	255	79	0	10 8	150	25	4	08	160	52	4 0836
Great Dun Fell	857	10	10	1-14 30	175	24	204	228	35	1	77	25 8	220	52	9	19	210	65	6 1542
Sellafield	22	10	10		0	3	7	302	327	84	0	9 8		24	7	03		38	4 0812
Lancashire Aughton	68	14	10		0	2	2	333	337	48	0	10 2	160	22	4	08	160	44	4 0742
Fleetwood	34	15	9	Defective record															
Squires Gate Airport	22	12	11		0	5	32	433	233	22	0	12 4	160	28	4	09	150	44	4 0848
Merseyside Aigburth	38	23	11		0	3	8	250	406	56	0	9 4	130	24	4	08	190	36	2 0212
Greater Manchester Manchester Ringway Airport	80	10	10		0	1	3	318	329	69	1	9 6	150	23	4	08	140	40	4 0824
Isle Of Man Point-of-Ayre	20	10	10		0	13	100	402	193	23	2	14 1	180	30	11	10	180	48	11 1018
Ronaldsway	25	10	10		0	12	100	405	191	24	0	13 9	160	33	4	07	320	47	18 1448

Table 6 Summary of autographic records of wind

April 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time
7B WALES N																			
Gwynedd	Trawsfynydd	192	10	10		0	2	11	225	374	108	2	8.7	200	26	2 09	210	46	4 1524
	Valley	26	16	12	4 6	5	10	87	350	218	60	0	12.9	160	36	4 04	160	52	4 0642
8A WALES SOUTH																			
Dyfed	Aberporth	144	10	10	4 29	5	17	189	327	178	21	0	15.9	160	37	4 05	160	60	4 0500
	Brawdy	121	10	10		0	7	70	411	220	19	0	13.8	180	32	4 04	190	53	4 0424
	Milford Haven	50	13	10		0	6	62	327	305	26	0	12.1	150	29	4 04	150	55	4 0430
Mid Glamorgan	Cilfynydd	210	16	16		0	2	8	249	341	122	0	9.1	270	25	4 14	270	45	4 1342
South Glamorgan	Rhoose Airport	74	10	10		0	7	43	339	288	50	0	11.5	260	31	5 04	260	49	5 0412
8B ENGLAND S W																			
Avon	Avonmouth	28	19	10	4 5	5	9	56	402	222	35	0	13.2	250	35	5 03	170	46	4 0730
	Bristol Weather Centre	55	44	13		0	3	6	191	405	118	0	7.9	250	25	7 13	260	50	7 1306
	Oldbury-on-Severn	19	9			0	2	4	276	328	111	1	8.9	170	24	4 08	180	38	4 0724
Somerset	Hinkley Point	30	10	10		0	8	31	286	335	68	0	10.2	180	29	4 07	170	47	4 0554
	Yeovilton	34	12	10		0	5	20	258	305	106	31	9.4	200	28	4 08	190	47	4 0742
Dorset	Hurn Airport	23	13	11		0	6	26	305	282	107	0	10.1	170	27	4 08	360	47	19 1136
	Portland Bill C G	60	13	13	4	3	10	93	346	226	30	22	13.4	170	37	4 07	170	51	4 0806
Devon	Burrington	211	10	10		0	8	79	394	215	18	14	13.4	280	33	5 06	180	52	4 0654
	Chivenor	16	10	10		0	4	38	335	269	78	0	11.0	270	30	5 05	240	46	7 1148
	Exeter	35	10	10		0	5	10	232	334	144	0	8.6	180	28	4 06	160	45	4 0718
Cornwall	Camborne	98	10	10	4 6	4	11	109	364	211	32	0	14.3	190	35	4 04	200	60	6 1206
	Culdrose	104	23	20	4-6 19	17	16	118	389	161	35	0	15.1	200	40	4 04	200	60	4 0500
	Gwennap Head	76	10		2 4-6	14	14	116	451	138	1	0	16.1	250	40	5 01	210	62	4 0506
	St Mawgan	120	13	13		0	7	58	377	242	43	0	12.4	270	30	5 01	160	51	4 0412
CHANNEL ISLANDS																			
	Guernsey Airport	116	12	12		0	8	73	366	263	18	0	13.1	180	27	4 08	170	51	4 0748
	Jersey Airport	94	12	10		0	8	71	370	256	23	0	12.8	180	25	4 07	180	47	4 0748
NORTHERN IRELAND																			
Londonderry	Ballykelly	12		10															
	Coleraine University	30	10	10		0	4	6	360	268	85	1	10.6	170	23	4 04	250	45	7 0148
Antrim	Aldergrove	80	10	10		0	6	17	371	280	52	0	11.1	160	29	6 11	160	45	4 0418
	Ballypatrick Forest	165	13	13		0	7	25	341	249	69	36	11.0	130	27	29 11	200	44	11 1048
	Belfast Harbour	21	18	18															
Down	Kilkeel	36	19	14	Defective record														
	Killough	31	15	15	4 6 11	11	17	166	362	138	13	30	16.6	190	44	4 05	190	62	4 0512
	Long Kesh	47	10	10		0	0	0	262	358	100	0	8.9	190	21	6 11	180	41	4 0536
	Orlock Head	51	16	12	18	7	19	132	390	167	24	0	15.2	330	36	18 17	150	59	4 0418
Tyrone	Carrigans	129	10	10	Defective record														
Fermanagh	Castle Archdale Forest	79	13	13	Defective record														

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
	Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation												
	Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
1990 Sep Fife Ness											–		–	–	–	–												
Glasgow, Springburn Park	14.8	7.9	11.3	-0.4	19.4	12	3.4	21,26															0					
Lochranza	–	–	–		–	–	–	–			–		–	–	–	–												
Batchley Farm	16.3	8.5	12.4		21.9	2	4.5	27	13.6		30		15	29	12	6	0	0	0	0	0	1	0	2		0			
Sparsholt	18.5	8.5	13.5		24.0	2	4.4	26			38	49	25	29	7	7	0	0	0	0	0	0	0	2		0	5.97		
1991 Jan Scalpay	–	–	–																										
Diabaig	–	–	–																										
Waterstein	–	–	–		–	–	–	–			–		–	–	–	–													
Inchmarlo	–	–	–								–																		
Greycrook		–	–																										
Abington	–	–	–								–						0	0											
Aros	–	–	–																										
Balquidder																													S
Parkhead	–	–																											
Halesowen																													S
Porthcawl											116	118	19	1	15	15													
Weaton Super Mare																													S
Lundy											117		21	1															
Guernsey																													
L'Ancresse	8.4	3.5	5.9		12.5	2,9	-0.5	29			97		18	9	16	14	0		0	0	0		2			0	2.06		
Carmoney																													S
Lough Fea W.wks	0.13	-0.8	2.0		10.1	1	-7.0				150		26	5	22	20	0	15	0	0	0	4	24	23		0			

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THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

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MAY 1991

VOLUME 108 NUMBER 5

A generally cool, dull month, but very dry nearly everywhere

During the first three days a succession of fronts moved southwards across all areas of the United Kingdom. Fronts encroaching on the British Isles from the west became slow moving on the 5th and 7th, while frontal troughs in the north-easterly airstream affected eastern areas of Scotland and England. On the 8th an anticyclone centred over southern Scotland gradually extended its influence to all parts of Great Britain during the day. A succession of fronts moved eastwards on the 9th and became slow moving across northern England on the 10th; a further system, crossing rapidly during the 11th and 12th, trailed a front across Scotland, while a ridge of high pressure extended north-eastwards from the Azores anticyclone to cover most of England and Wales apart from the far south-east. While a wave depression crossed Scotland during the next 24 hours, weak fronts crossed all parts of England and Wales, clearing southern England early on the 14th. Later that day the next system moved to the north of Scotland, while the ridge of high pressure extended northwards to cover most of Scotland as well as England and Wales. A southward-moving cold front crossed parts of northern and eastern Scotland and north-eastern England on the 15th, but became slow moving on the 16th and lay from eastern Scotland to southern England. Early on the 18th the part of the front to the east of Scotland decayed, but the remainder lingered for a time across central parts of England before moving away eastwards by evening, while the following system was already over western areas and crossed Scotland and northern England early on the 19th. Later on the 20th pressure began to rise over all parts of the United Kingdom, and pressure remained high for the rest of the month, although weak fronts moved southwards across most areas on the 26th, 28th and 31st.

Weather

During the first week troughs gave some rain in the north. A brief spell of fine weather during the second week gave some sharp overnight frosts. On the 7th there were some locally heavy thundery showers over parts of southern England and South Wales. After the 10th the predominance of milder westerly winds prevented night frosts in all but a few locations and it was warm during the period, with some rain, mainly in the north-west. During the second half of the month the weather was mainly anticyclonic, although often cloudy, but became sunny and very warm for a time around the 21st, before becoming cold again towards the end of the month.

Wind

May was a generally quiet month, although on the 21st mean hourly wind speeds reached 40 kn at Lerwick and Sella Ness, Shetland and Kirkwall, Orkney, with gusts of 60 kn: the highest gust at a low-level station was 61 kn at Lerwick. The only strong wind measured elsewhere was a mean hourly wind speed of 39 kn at Culdrose, Cornwall on the 1st, with a gust to 52 kn. Wind directions were northerly until the 10th, north-westerly or westerly until the 23rd and then north-easterly.

Temperature

Mean monthly temperatures were generally about average, ranging from 1.5 °C above normal in parts of Tayside Region to 1.6 °C below normal at Greenwich, Greater London and Wye, Kent.

During the first week air temperatures fell to −3 °C in places, with grass minimum temperatures as low as −9 °C locally; in contrast, by the 21st temperatures were in the low 20s Celsius over a large part of southern England and Wales. Parts of Central Scotland sheltered from the easterly winds in the closing days of the month also had temperatures in the low 20s. The highest temperature of the month was 26.0 °C at Barbourne, Hereford & Worcester on the 21st and the lowest was −5.0 °C at Leadhills, Strathclyde on the 8th and 9th.

Rainfall

Monthly rainfall totals were well below normal everywhere except for the northernmost part of the Scottish mainland where totals were just above normal. The percentage of normal at Cape Wrath, Highland Region, 124%, contrasts with that in parts of western Scotland and much of south-west England and South Wales where amounts were generally less than 10% of normal.

During the second half of the month small amounts of rain were measured in northern parts of Scotland, but elsewhere a spell of more general rain during the 15th and 16th was followed in most places by generally dry weather for the rest of the month. Provisional values suggest that it was the driest May over England and Wales since 1896. Glasgow had what was probably its driest May since 1868. The wettest day generally was the 3rd, and the most rainfall measured on that day was 37 mm at Diabaig, Highland Region. Among other reports of daily rainfall received, the highest value was 35 mm at Inverpolly, Highland Region on the 5th, with 31 mm measured at Poolewe, Highland Region and Dinorwic, Gwynedd on the 3rd. As little as 2 mm of rain was recorded during the month at a number of places, and only 1 mm at St Ives, Cornwall.

Snow

During the first few days snow fell in places on the northern Pennines, but in general there was little snow lying anywhere except on the highest summits of the mountains in Scotland and northern England.

Sunshine

Monthly sunshine amounts were below average nearly everywhere, the exceptions being parts of western Scotland, Devon and Cornwall where sunshine amounts were just above average; amounts ranged from 111% of average at Machrihanish, Strathclyde Region to 60% of average at Manchester. Many eastern and northern areas had one of the dullest Mays this century. Most sunshine in a day was 16.1 hours at Benbecula, Western Isles on the 30th, and the most during the month was 221 hours at St Mawgan, Cornwall.

Fog

Overnight fog patches formed over England on the 9th and 10th, south-west England on the 21st and parts of East Anglia and south-east England on the 24th. Some thick fog patches formed overnight on the 25th in south-east England and East Anglia. Coastal fog patches affected Wales and south-west England on the 12th, 14th and 19th, northern areas on the 17th, the south-west on the 21st, South Wales, south-west England and along the south coast on the 22nd, Scotland on the 23rd, some western and northern coasts on the 26th, Northern Ireland, western Scotland, Wales, East Anglia, and along the south coast of England on the 27th, and the far north of Scotland on the 29th and 30th. Patchy fog occurred over hills mainly in the south on the 18th and in the south-west on the 21st; some hill fog occurred on the southern Pennines on the 27th and over the Scottish Highlands on the 31st.

Miscellaneous Phenomena

None reported.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp °C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max.	Min.	Mean				
			Difference from average					% of average	
0 Scotland N	23.7	−3.2	−0.1	+0.7	+0.3	+0.7	0	61	86
1 Scotland E	21.6	−1.5	+0.4	+1.2	+0.8	+0.9	−4	40	85
2 England E & NE	22.9	−2.4	−0.7	+0.7	0.0	+0.3	−6	29	70
3 East Anglia	23.5	−3.4	−1.6	−0.3	−1.0	−0.5	−5	33	69
4 Midland Counties	25.0	−1.9	−0.7	+0.4	−0.1	−0.2	−8	18	72
5 England SE & Central S	24.6	−0.5	−1.0	−0.5	−0.8	−0.6	−6	27	72
6 Scotland W	21.6	−4.6	+0.2	+0.6	+0.4	+0.6	−6	28	92
7 England NW & Wales N	22.6	0.0	−0.4	+0.4	0.0	+0.3	−8	24	75
8 England SW & Wales S	23.6	0.6	−0.4	+0.3	0.0	+0.2	−8	13	95
N Ireland	21.0	−1.0	+0.3	+0.9	+0.6	+0.4	−7	14	88
Scotland	23.7	−4.6	+0.2	+0.8	+0.5	+0.7	−3	47	88
England & Wales	25.0	−3.4	−0.8	+0.2	−0.3	−0.1	−7	22	75

* Highest maximum and lowest minimum of District Value Stations

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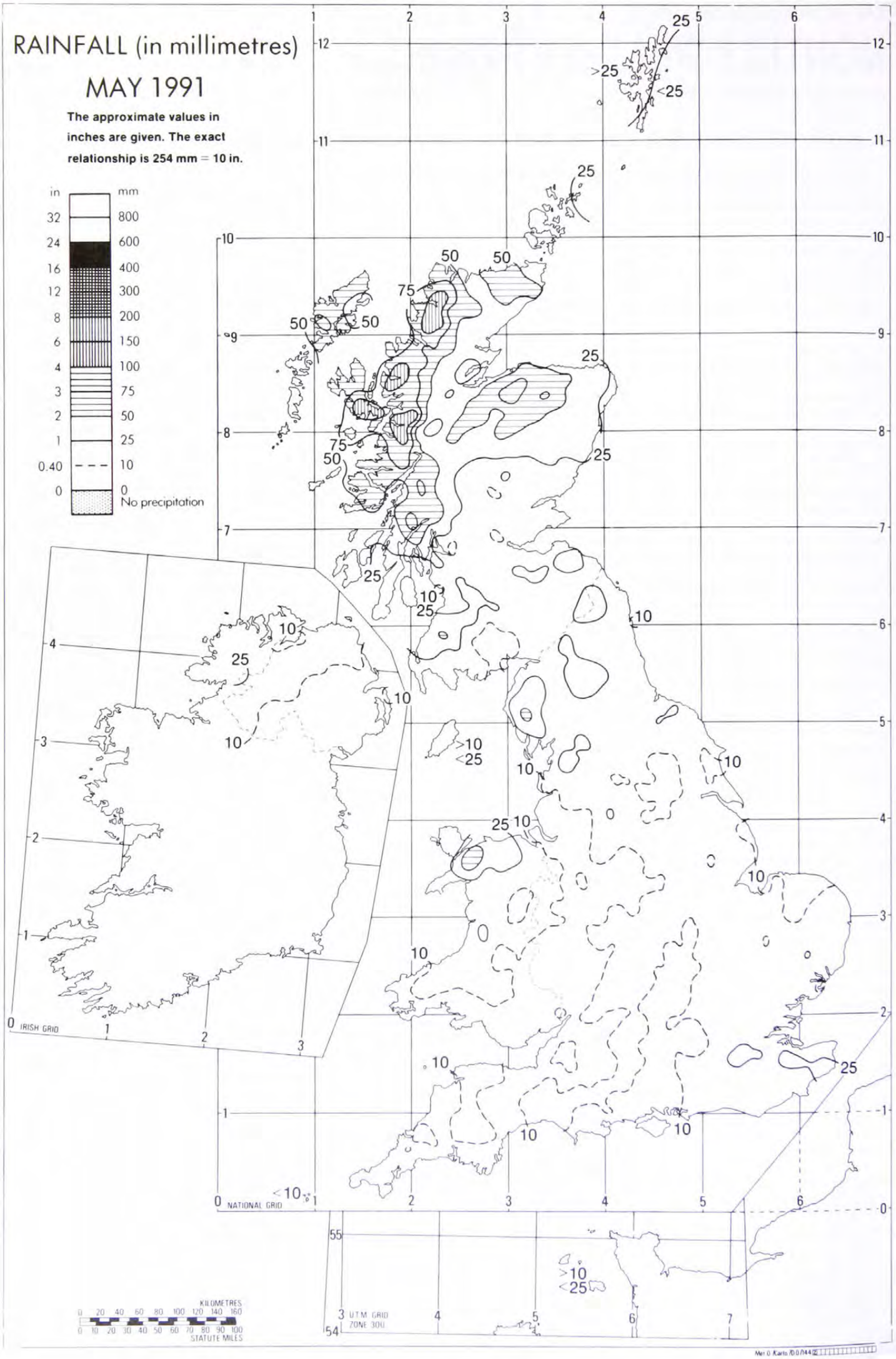
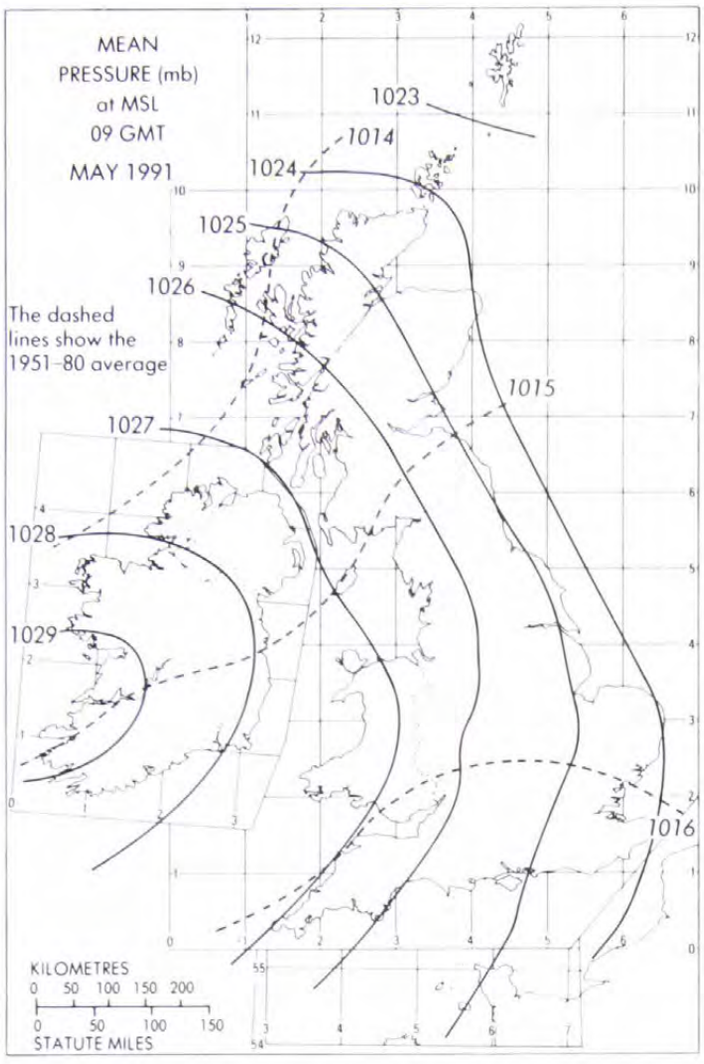
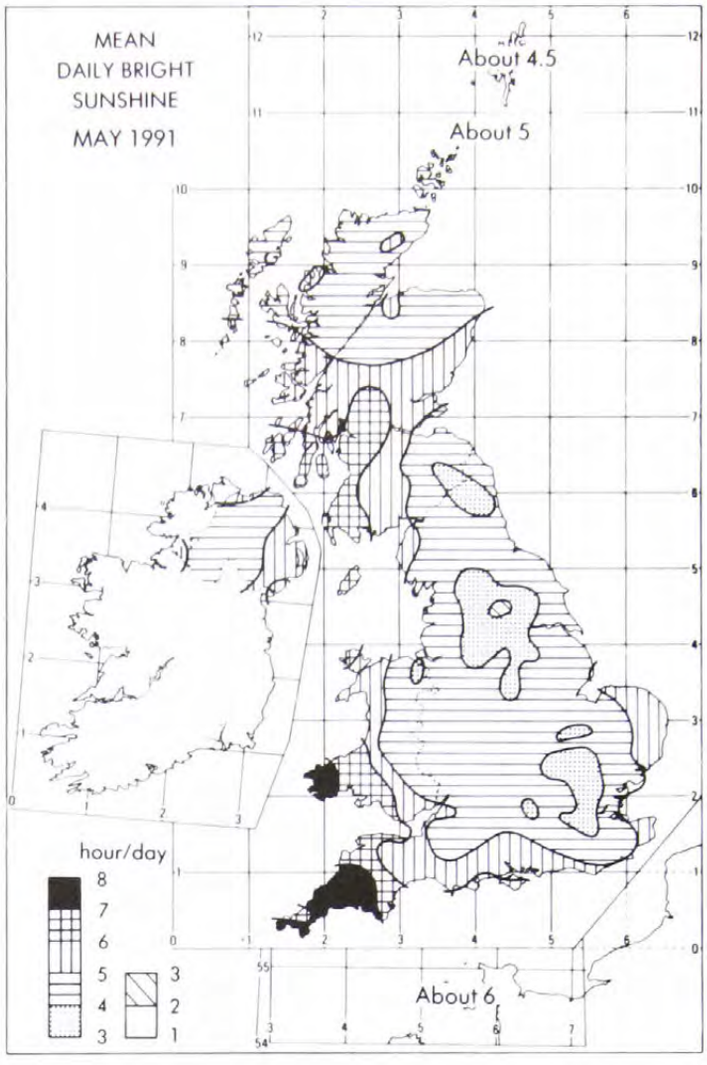
RAINFALL (in millimetres)

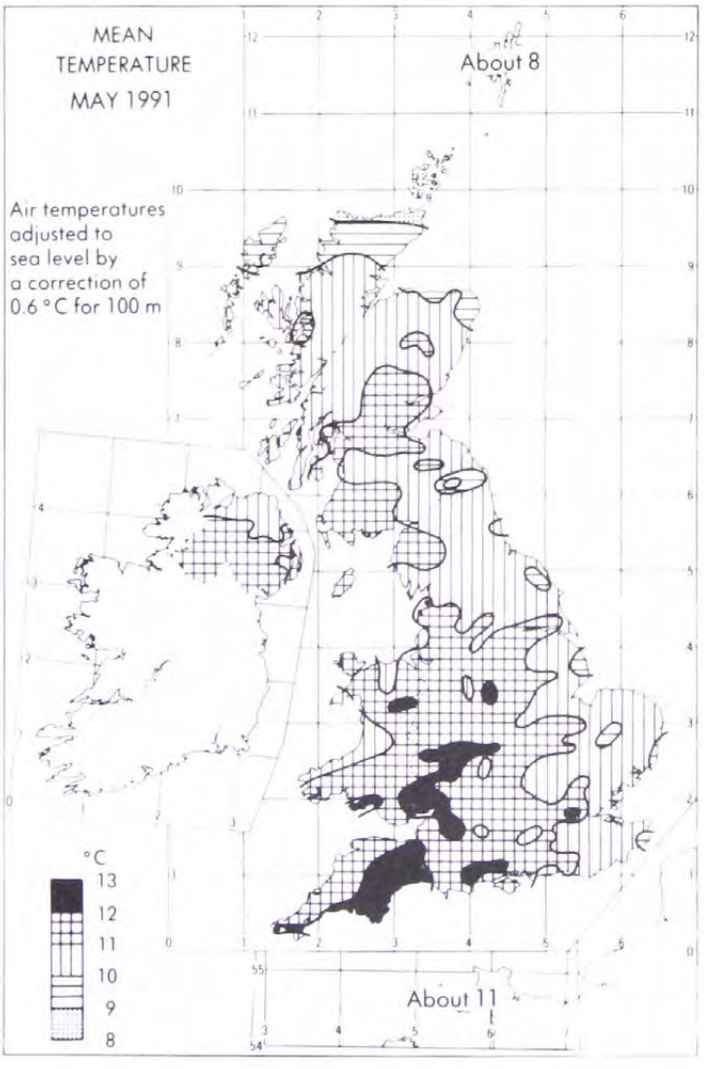
MAY 1991

The approximate values in inches are given. The exact relationship is 254 mm = 10 in.




MEAN
PRESSURE (mb)
at MSL
09 GMT
MAY 1991
1023
1014
1024
1025
1026
The dashed
lines show the
1951–80 average
1015
1027
1028
1029
1016
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
MAY 1991
About 4.5
About 5
hour/day
8
7
6
5
4
3
3
2
1
About 6


MEAN
TEMPERATURE
MAY 1991
About 8
Air temperatures
adjusted to
sea level by
a correction of
0.6 °C for 100 m
°C
13
12
11
10
9
8
About 11

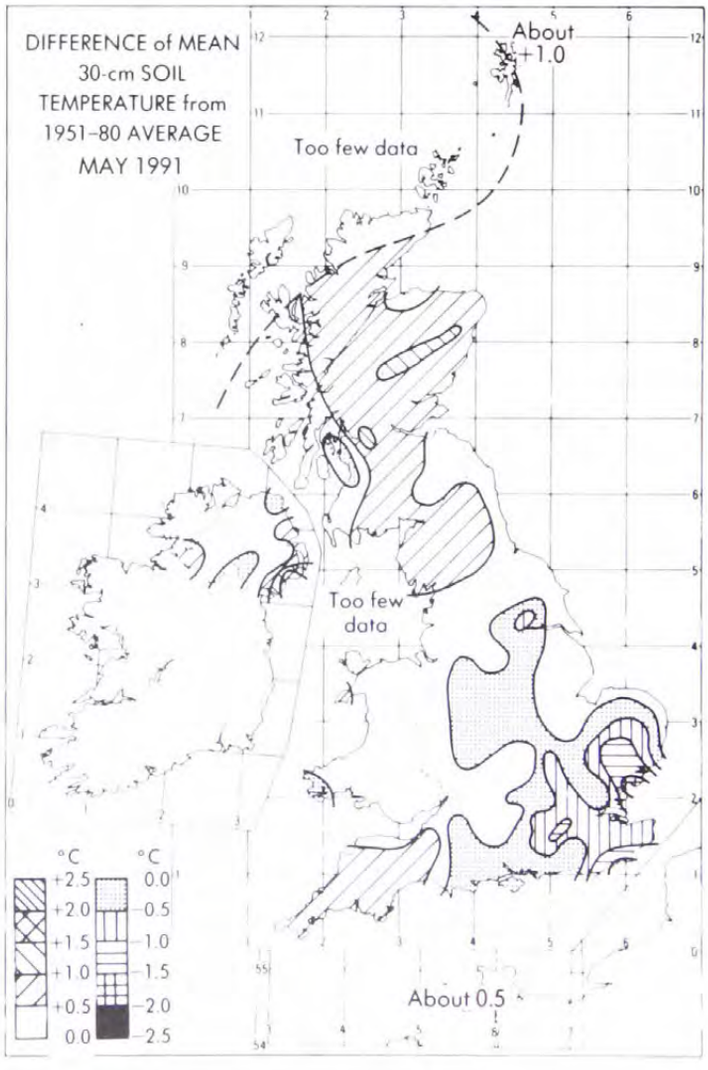

DIFFERENCE of MEAN
30-cm SOIL
TEMPERATURE from
1951–80 AVERAGE
MAY 1991
About
+1.0
Too few data
Too few
data
°C
+2.5
+2.0
+1.5
+1.0
+0.5
0.0
°C
0.0
0.5
1.0
1.5
2.0
2.5
About 0.5

Table 2 Solar radiation

May 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	26.3	31	6.1	10	14.6	31	13.9	25	6.0	5	9.4	31
Stornoway	25.8	30	4.2	3	14.2	31	15.3	23	4.2	3	9.8	31
Aviemore	26.9	30	5.0	15	15.0	31	13.7	26	5.0	15	8.9	31
Aberdeen	26.4	8	6.1	3	15.0	31						
Dunstaffnage	28.6	29	2.8	20	15.6	30						
Shanwell	26.0	23	6.1	15	16.0	31	12.8	28	5.7	7	9.1	31
Auchincruive	29.6	27	6.8	12	18.7	25						
Eskdalemuir	25.2	24	6.3	17	13.6	31	13.0	27	6.2	17	8.8	31
Sunderland Poly	29.6	20	5.8	30	15.2	30						
Hazelrigg	27.4	29	3.7	20	15.1	31	14.6	28	3.7	20	10.1	31
Cawood	22.7	20	6.2	31	13.2	31						
Aughton	25.8	9	8.0	4	15.6	31	15.1	27	5.3	9	10.6	31
Finningley	24.9	21	5.3	17	13.3	31	14.4	23	2.5	13	9.1	31
Sutton Bonington	22.2	22	4.3	17	12.7	31	11.2	13,25	3.6	1	8.0	31
Hemsby	27.3	9	6.0	5	16.0	31	13.2	25	3.9	9	9.7	31
Denver Complex	26.5	14	6.4	1	15.6	31						
Gogerddan												
Brooms Barn	24.7	22	4.6	1	14.2	31	13.9	13	4.6	1	9.6	31
Aberporth	29.1	28	5.3	16	18.4	31	16.5	30	4.8	8	9.6	31
Wallingford	25.9	9	4.3	1	13.1	31						
London W.C.	23.0	9	4.7	7	12.4	31	11.9	13	4.5	7	8.2	31
Easthampstead	26.0	9	3.9	17	13.6	31	12.4	23	3.8	17	8.7	31
East Malling	25.5	9	5.0	7	13.6	31	13.4	13	5.0	7	9.2	31
Crawley	26.4	9	5.0	28	14.0	31	13.5	13	4.9	28	9.5	30
Rustington	25.5	12	5.6	17	15.7	31						
Efford	26.2	21	7.1	28	16.2	30						
Camborne	28.9	24	9.6	3	18.7	31	14.8	28	4.4	23	10.5	31
Jersey	28.0	23	5.2	19	18.5	31	15.2	31	4.7	23	10.0	31
Aldergrove	25.9	8	6.0	3	15.4	31	13.7	19	5.0	8	9.2	31

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall (09 to 09 GMT) Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
0 SCOTLAND N																														
Shetland																														
Baltasound	24	11.6	5.3	8.5	+0.6	13.7	29	1.0	17	8.5	—	43	—	9	10	19	11	0	0	0	0	0	1	0	—	—	1	4.30	88	-
Fair Isle	57	9.8	6.1	7.9	—	12.4	30	3.7	3,17	8.7	7.7	19	—	4	12	12	7	0	0	0	1	0	3	0	1	—	1	5.34	—	-
Lerwick (A)	82	10.2	5.4	7.8	+0.3	15.0	30	2.3	3,16	8.1	—	33	51	7	10	18	11	0	0	0	2	0	1	0	5	0	1	4.65	95	-
Sumburgh (A)	7	10.6	6.3	8.5	—	13.6	30	2.7	3	—	—	—	—	—	—	—	—	0	0	0	1	0	0	0	4	0	2	—	—	-
Orkney																														
Kirkwall Airport (A)	26	11.4	6.2	8.8	+0.4	13.9	18	1.8	3	9.4	—	48	90	9	14	16	14	0	0	0	1	0	0	0	1	0	1	4.36	84	-
Rackwick	18	11.2	6.6	8.9	—	14.6	29	0.3	8	—	—	58	—	8	16	19	14	—	—	—	—	—	—	0	—	—	—	—	—	-
Western Isles																														
Benbecula (A)	5	12.4	7.8	10.1	+0.4	19.5	30	2.1	1	10.7	—	43	67	8	11	17	11	0	0	0	0	0	1	0	2	1	0	4.90	75	-
Scalpay	18	12.0	7.6	9.8	—	19.6	30	3.0	8	—	—	39	—	8	11	14	12	0	0	0	0	0	—	0	1	—	1	—	—	-
Stornoway (A)	15	11.8	6.9	9.3	+0.2	15.7	25	1.9	1	10.1	—	34	55	6	6	15	9	0	0	0	0	0	2	0	2	1	0	4.19	70	-
Highland																														
Aviemore (A)	229	13.7	5.0	9.3	—	18.4	20	-1.2	8	9.4	7.5	43	—	11	6	16	11	0	0	0	0	0	0	2	9	2	0	4.83	—	S
Cape Wrath	112	9.0	6.4	7.7	-0.6	11.1	27	3.0	8	—	—	71	125	12	16	21	16	0	0	0	0	0	7	0	0	0	6	4.38	(75)	-
Cairngorm Chairlift	663	10.9	3.0	6.9	—	17.5	30	-1.5	3	5.5	—	—	—	—	—	—	—	0	0	0	0	0	6	2	—	—	5	—	—	-
Cassley	99	13.2	5.8	9.5	—	20.2	30	1.0	8	—	—	54	49	17	14	21	13	—	0	—	—	—	—	0	—	—	1	—	—	-
Dalcross (A)	11	13.6	6.9	10.3	—	18.0	26	0.6	8	—	—	30	66	9	3	12	6	0	0	0	0	0	0	0	6	—	0	—	—	-
Dalwhinnie	351	13.4	4.2	8.8	—	20.4	30	-1.9	9	8.6	—	20	—	—	—	—	—	0	0	0	0	0	4	9	—	0	4.72	—	S
Diabaig	60	13.5	7.1	10.3	—	20.1	30	2.2	1	—	—	93	—	37	3	21	15	0	0	0	0	0	—	0	2	—	0	4.84	—	S
Dingwall	7	14.4	6.7	10.5	—	19.0	27	-1.8	8	—	—	16	—	3	6	11	6	—	—	—	—	—	—	1	—	—	—	—	—	-
Duartmore Bridge	30	12.6	6.0	9.3	—	22.0	30	-0.9	1	—	—	(90)	—	—	—	—	—	—	0	—	1	—	0	1	—	—	0	4.50	—	S
Eilanreach	8	13.9	5.9	9.9	—	23.6	30	-1.3	1	—	—	95	—	20	12	22	16	0	0	0	0	0	1	3	—	0	—	—	—	-
Fort Augustus	21	14.3	6.6	10.5	+0.6	19.4	28	-0.8	8	11.4	—	31	44	8	12	14	10	0	0	0	0	0	1	—	—	—	0	4.63	92	-
Fortrose	5	13.1	7.4	10.3	+0.7	17.6	26	3.2	8	—	—	28	61	8	3	14	6	0	0	0	0	0	0	0	—	—	2	—	—	-
Grantown-on-Spey	220	12.9	5.0	8.9	—	18.0	26	-3.2	3	—	—	56	—	17	3	16	11	0	0	0	0	0	2	9	—	0	4.75	—	-
Inverailort	2	14.7	6.8	10.7	—	22.9	30	0.4	5	—	—	73	—	17	19	22	13	0	0	0	0	0	1	0	9	—	0	—	—	-
Inverness	4	14.5	7.5	11.0	+0.8	19.1	28	2.0	8	—	—	29	66	11	3	8	6	0	0	0	0	0	0	1	—	—	0	4.68	90	-
Inverpolly	14	12.5	6.3	9.4	—	21.5	30	-1.3	1	—	—	80	—	24	3	20	16	—	—	—	—	—	1	—	—	—	—	—	—	-
Isle of Rhum	5	13.7	6.9	10.3	(+0.3)	21.3	30	1.7	8	11.6	9.2	103	80	18	19	22	16	0	0	0	0	0	0	6	—	0	5.75	—	-
Kiltarlity	75	14.4	6.0	10.2	—	19.1	26	-0.7	1	—	—	27	—	8	6	13	6	0	0	0	0	1	0	2	3	—	1	—	—	-
Kinbrace	103	—	—	—	—	—	—	—	—	—	—	38	—	8	14	16	10	0	0	0	0	—	—	—	—	—	0	5.05	—	-
Kinlochewe	25	15.0	6.2	10.6	(+0.5)	23.7	30	-2.6	1	10.2	—	69	—	12	14	21	17	0	0	0	0	0	2	7	—	0	4.50	—	S
Knockanrock	244	11.7	5.3	8.5	—	19.8	30	1.0	5	—	—	129	—	19	3	23	19	1	0	0	1	0	—	0	—	—	0	—	—	-
Lairg	107	13.8	5.2	9.5	—	18.9	30	-1.2	8	9.8	8.0	34	—	6	3	18	14	—	0	—	—	—	0	2	10	—	—	4.22	—	-
Lentran	146	13.6	6.0	9.8	—	18.6	26	-0.2	8	—	—	39	—	11	6	12	8	0	0	0	0	0	—	1	9	—	1	—	—	-
Nairn	8	13.0	7.3	10.1	+0.5	19.1	26	0.6	8	—	—	37	86	11	3	14	8	0	0	0	0	0	0	0	2	—	0	5.13	96	-
Onich	15	16.0	5.5	10.7	+0.5	23.3	30	-1.3	8	—	—	55	53	13	19	10	9	—	0	—	—	—	4	2	13	—	—	5.16	98	S
Plockton	12	14.0	6.7	10.3	—	22.3	30	1.2	1	—	—	(44)	—	11	3	19	9	0	0	0	0	0	0	—	—	0	—	—	—	-
Poolewe	6	13.5	6.7	10.1	(-0.2)	20.7	29,30	-0.6	1	—	—	80	95	31	3	20	13	0	0	0	0	0	1	4	—	0	5.25	(88)	S
Tomatin	311	12.6	4.7	8.7	—	17.4	26,30	-2.0	8	—	—	56	—	19	3	17	12	0	0	0	0	0	2	—	—	0	—	—	—	-
Waterstein	92	11.7	6.8	9.3	—	18.8	30	1.0	8	—	—	(60)	—	13	3	19	12	—	—	—	—	—	0	—	—	—	—	—	—	-
Wick (A)	36	11.7	5.8	8.7	+0.3	16.0	12	0.1	3	9.4	—	50	106	9	6	19	14	0	0	0	0	0	0	3	1	1	4.89	94	-
1 SCOTLAND E																														
Grampian																														
Aberdeen																														
Dyce Airport (A)	65	13.8	6.2	10.0	+1.0	19.4	21	-1.0	8	—	—	31	52	10	16	13	9	0	0	0	0	0	1	4	3	0	5.27	95	-
Mannofield	52	13.2	6.6	9.9	+1.0	18.8	21	0.2	6	—	—	30	51	11	16	11	8	0	0	0	0	0	0	3	—	0	—	—	—	-
Aldroughty	30	13.3	7.2	10.3	—	18.5	26	1.1	8	10.3	—	57	—	16	3	13	9	0	0	0	0	0	0	3	—	0	4.28	—	-
Ballater Field Centre	200	14.4	5.7	10.1	—	20.5	20	-1.5	8	—	—	30	—	9	6	13	9	0	0	0	0	0	—	2	7	—	0	—	—	-
Balmoral	283	13.2	5.0	9.1	+1.1	17.7	30	0.5	31	—	—	33	50	11	6	13	7	0	0	0	0	0	—	0	5	—	0	—	—	-
Banff Golf Course	15	13.2	6.8	10.0	—	18.5	21	-0.6	8	12.1	—	46	—	9	16	13	10	0	0	0	0	0	1	—	—	—	0	—	—	S
Braemar	339	13.8	4.9	9.3	+1.1	19.7	30	-1.0	8	9.4	7.8	38	58	15	6	14	8	—	0	—	—	—	0	1	5	—	1	—	—	S
Craibstone	102	13.1	5.9	9.5	+0.8	18.4	26	0.3	8	10.2	8.6	35	56	13	16	14	9	0	0	0	0	0	0	5	—	0	—	—	—	-
Culterty	3	13.4	5.6	9.5	—	19.2	21	-1.2	8	—	—	20	—	3	13	10	9	0	0	0	0	0	3	4	—	2	5.33	—	-
Durris, Wardend	107	13.8	5.6	9.7	—	19.9	20	-1.5	6	9.6	—	26	—	6	15	12	7	0	0	0	0	0	2	3	—	0	5.25	—	-
Forehill	40	12.2	6.2	9.2	—	18.3	21	0.8	8	—	—	21	43	5	15	13	7	0	0	0	0	0	0	1	—	0	—	—	—	-
Forres	5	13.7	7.4	10.5	—	19.1	26	1.5	8	9.9	9.4	41	—	16	3	13	9	0	0	0	0	0	0	1	—	0	—	—	—	-
Fyvie Castle	55	13.3	5.7	9.5	(+0.5)	18.5	26	-1.5	8	—	—	38	64	7	3	12	10	0	0	0	0	0	3	5	—	0	—	—	—	-
Glenlivet	215	13.1	5.4	9.3	(+0.8)	18.6	26	-1.8	8	9.9	—	64	—	13	3	18	15	0	0	0	0	0	1	5	1	0	4.61	(91)	S
Inchmarlo	80	14.7	5.9	10.3	—	19.8	21	-0.6	6, 8	—	—	(36)	—	9	6	13	10	—	—	—	—	—	2	5	—	—	—	—	—	-
Inverurie	54	14.0	6.0	10.0	—	19.9	26	-1.0	9	—	—	29	—	4	3	13	10	0	0	0	0	0	3	5	—	0	4.49	—	-
Keith	106	12.7	5.6	9.1	—	18.0	26	-2.0	8	—	—	67	—	14	3	17	10	0	0	0	0	0	—	1	7	—	1	4.58	—	-
Kinloss (A)	5	13.2	7.2	10.2	+0.5	18.1	26	0.8	8	9.5	—	41	92	16	3	12	9	0	0	0	0	0	0	4	1	0	4.51	83	-
Leith Hall	180	13.9	5.3	9.6	—	19.4	24	-1.8	8	—	—	60	—	19	14	15	11	0	0	0	0	0	2	4	—	0	—	—	—	-
Lossiemouth (A)	6	12.8	6.9	9.9	(+0.5)	17.2	26	-0.4	8	—	—	48	106	11	3	14	10	—	—	—	—	—	1	—	—	—	—	—	—	-
Rothes	61	13.4	6.7	10.1	—	18.2	26	0.0	8	—	—	68	—	17	3	14	14	0	0	0	0	0	0	2	—	0	3.27	—	-
Stonehaven	85	12.9	6.1	9.5	—	20.0	20	2.0	6, 8	—	—	36	—	10	16	13	9	0	0	0	0	0	0	—	—	0	5.27	—	-
Tayside																														
Arbroath	29	13.8	7.1	10.5	+1.2	20.2	20	2.5	6	—	—	25	53	8	3	14	5	0	0	0	0	0	0	3	—	0	5.26	86	-
Ardtalnaig	130	15.6	6.2	10.9	(+0.8)	21.1	29	-1.0	14	—	—	13	16	5	6	8	3	0	0	0	0	0	1	7	—	0	6.18	—	S
Dall (Rannoch School)	232	15.0	3.3	9.1	—	24.2	30	-3.5	8	—	—	16	—	5	13	10	4	0	0	0	0	0	7	7	—	0	—	—	—	-
Drummond Castle	113	15.8	5.9	10.9	—	21.4	24	-0.6	5	11.1	—	13	—	7	6	6	3	0	0	0	0	0	1	13	—	0	6.11	—	S
Dundee	45	15.0	7.6	11.3	+1.1	21.5	24	4.0	3	11.9	—	(19)	34	5	3	10	6	0	0	0	0	0	2	—	0	5.31	94	-
Faskally	94	15.3	5.9	10.6	+0.8	21.3	24	-0.6	9	11.6	9.6	18	29	9	6	7	4	0	0	0	0	0	2	7	—	0	—	—	—	-
Forfar	91	14.6	6.2	10.4	—	19.4	26	1.6	9,14	—	—	21	—	12	6	7	4	0	0	0	0	0	0	4	—	0	5.68	—	-
Kindrogan	259	14.4	4.3	9.3	—	19.4	27	-2.4	9	—	—	15	—	5	6	11	5	—	0	0	—	—	2	13	—	—	—	—	—	-
Kinross	116	14.9	5.7	10.3	—	22.1	24	0.2	9	—	—	16	—	6	6	8	4	—	0	—	—	—	0	—	—	—	—	5.17	—	S
Montrose	55	14.1	6.0	10.1	+0.9	20.5	20	0.1	6	11.2	—	20	36	6	6	10	6	0	0	0	0	0	0	8	—	0	—	—	—	-
Mylnefield (A)	30	15.0	7.2	11.1	+1.3	20.6	24	3.0	5, 9	10.9	8.9	16	31	5	6	9	6	0	0	0	0	0	0	5	—	0	5.58	93	-
Perth Aerodrome (A)	118	14.7	5.9	10.3	—	20.0	24	1.4	6	—	—	16	—	6	6	9	6	—	0	0	—	—	—	0	—	—	—	—	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of 1951-80 average*	Exposure
1 SCOTLAND E - Continued																														
Tayside - Continued																														
Strathallan	41	16.2	7.1	11.7	–	23.0	24	1.9	5	–	–	15	–	7	6	9	4	0	0	0	0	0	0	0	8	–	0	–	–	–
Tummel Bridge	161	15.4	4.6	10.0	–	22.6	29	-2.6	9	–	–	17	–	8	6	7	4	0	–	–	–	–	–	4	–	–	–	–	–	–
Whitehillocks	258	13.6	5.3	9.5	–	18.0	20	-1.5	9	–	–	33	–	10	3	12	5	0	0	0	0	0	0	2	6	–	0	–	–	S
Fife																														
Belliston	82	13.9	6.9	10.4	–	20.1	24	2.6	3	10.1	–	25	47	5	3	12	7	0	0	0	0	0	0	0	4	–	0	–	–	–
Cupar	42	15.3	6.6	10.9	–	22.1	24	1.0	9	12.3	–	16	–	3	3	9	6	0	0	0	0	0	–	0	–	–	0	5.56	–	S
Fife Ness	12	13.1	6.9	10.0	–	19.9	20	2.5	1	–	–	–	–	–	–	–	–	0	0	0	0	0	0	0	0	–	0	–	–	–
Leuchars (A)	10	15.1	6.4	10.7	+1.1	21.5	26	1.0	3	11.0	–	19	37	6	3	10	6	0	0	0	0	0	0	0	8	1	0	5.69	95	–
Lothian																														
Bush House	184	13.8	6.2	10.0	+0.9	19.9	24	0.1	6	10.2	8.6	20	32	9	6	9	4	0	0	0	0	0	0	0	7	–	0	4.24	80	–
Dunbar	23	13.6	7.1	10.3	+0.6	19.3	26	0.8	6	11.7	–	24	50	8	3	9	6	0	0	0	0	0	0	0	–	–	2	4.42	72	–
Edinburgh																														
East Craigs	61	14.9	6.5	10.7	+0.8	21.0	24	0.3	9	11.1	–	16	31	9	6	8	3	0	0	0	0	0	0	0	9	–	0	5.55	(97)	–
Royal Botanic Garden	26	14.9	7.4	11.1	+0.9	21.6	24	1.1	9	11.8	–	17	35	9	6	8	4	0	0	0	0	0	0	0	7	–	0	5.16	90	–
Royal Observatory Blackford Hill (A)	134	14.4	7.1	10.7	+0.7	21.5	24	3.4	9	–	–	17	33	10	6	5	4	–	0	0	–	–	0	0	6	–	–	4.87	87	–
Turnhouse Airport (A)	35	15.2	6.8	11.0	+1.0	21.3	24	1.0	9	11.3	–	15	30	8	6	8	3	0	0	0	0	0	0	0	8	2	0	4.90	88	S
Haddington	41	14.0	6.8	10.4	–	21.0	24	1.1	3	–	–	23	–	7	3, 6	10	5	0	0	0	0	0	0	0	–	–	0	–	–	–
Livingston	125	14.9	6.1	10.5	–	20.4	24	-1.0	1	10.9	–	12	–	4	12	8	5	0	0	0	0	0	0	1	5	–	0	–	–	–
Nunraw Abbey	197	13.1	6.1	9.6	–	19.0	24,26	1.4	3	–	–	33	–	10	3	14	5	0	0	0	0	0	–	0	–	–	0	–	–	–
Penicuik	185	14.2	5.5	9.9	(+0.6)	20.6	24	-1.1	3	11.0	–	21	35	8	6	9	4	0	0	0	0	0	0	3	8	–	0	4.36	(83)	S
Borders																														
Blyth Bridge	253	12.9	5.4	9.1	+0.3	18.3	24	0.1	6	–	–	19	31	6	12	15	4	0	0	0	0	0	0	0	7	–	0	4.62	87	S
Blythe	262	13.0	5.3	9.1	–	20.4	24	-0.6	3	8.8	–	27	–	7	6	13	8	–	0	0	–	–	0	2	11	–	–	4.45	–	–
Bowhill (Selkirk)	168	14.3	6.3	10.3	+0.8	19.8	24	-1.1	6	10.8	–	11	17	4	6	10	3	0	0	0	0	0	0	2	7	–	0	–	–	–
Carterhouse	308	12.4	4.9	8.7	–	19.6	24	-2.3	3	9.9	8.4	26	–	9	3	12	5	0	0	0	0	0	1	3	6	5	0	–	–	–
Floors Castle	59	14.2	6.3	10.3	–	21.3	24	0.0	6	–	–	21	38	6	6	11	6	0	0	0	0	0	0	0	–	–	0	–	–	–
Galashiels	198	13.1	6.4	9.7	–	20.0	24	-1.2	6	–	–	13	–	4	6	9	4	0	0	0	0	0	0	1	–	–	0	3.85	–	–
Glentress	165	14.2	5.4	9.8	(+0.3)	20.0	24	-1.6	9	–	–	20	33	8	3	8	5	0	0	0	0	0	0	4	–	–	0	–	–	–
Greycrook	76	15.0	6.3	10.7	–	22.0	24	-0.6	6	11.6	–	14	–	5	3	9	4	0	0	0	0	0	0	2	7	–	0	–	–	–
Kelso	34	14.9	6.6	10.7	–	21.6	24	-0.3	3	11.3	–	22	–	6	6	10	6	0	0	0	0	0	0	1	9	–	0	–	–	S
St Abbs Head	75	12.4	7.6	10.0	–	18.7	12	4.7	6	–	–	–	–	–	–	–	–	0	0	0	0	0	0	0	1	0	0	–	–	–
West Linton	244	13.4	5.3	9.3	+0.6	19.4	24	-1.6	9	10.0	8.5	25	40	10	12	9	5	0	0	0	0	0	0	1	7	–	0	–	–	–
6 SCOTLAND W																														
Strathclyde																														
Abington	247	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ardentinny	5	15.6	6.5	11.1	–	21.0	27	-1.0	8	–	–	27	–	11	12	10	6	0	0	0	0	0	–	2	5	–	0	–	–	–
Aros	37	14.0	6.3	10.1	–	20.0	29	-0.4	8	–	–	66	–	13	12	16	12	0	0	0	0	0	1	1	2	–	0	–	–	–
Auchincruive	48	14.2	6.5	10.3	+0.1	18.9	28,29	-0.6	1	10.0	8.9	14	27	7	3	9	4	0	0	0	0	0	0	2	12	–	0	6.09	96	–
Benmore (Younger Botanic Garden)	12	15.3	6.6	10.9	(+0.7)	20.7	27	-1.8	8	11.5	–	35	29	10	12	11	7	0	0	0	0	0	0	2	6	–	0	–	–	–
Black Mount	175	14.8	4.3	9.5	–	23.8	30	-4.4	8	–	–	38	–	11	12	15	7	0	0	0	0	0	4	4	–	–	0	–	–	–
Brodick Castle	15	15.3	7.4	11.3	–	19.3	31	0.3	8	12.4	–	25	–	5	19	12	8	0	0	0	0	0	0	0	10	–	0	–	–	–
Camps Reservoir	295	12.8	4.2	8.5	(+0.3)	18.0	27	-3.0	8	–	–	13	–	5	3	9	5	0	0	0	0	0	–	4	–	–	0	5.09	–	–
Carnwath	208	14.1	4.7	9.4	+0.6	19.4	24	-4.6	9	10.2	–	14	24	3	12	12	6	0	0	0	0	0	0	7	9	6	0	–	–	–
Colonsay Hotel	15	13.1	7.7	10.4	–	18.3	29	3.5	8	–	–	23	–	8	12	16	6	0	0	0	0	0	4	0	1	–	0	5.99	–	–
Cumnock	99	14.3	5.7	10.0	–	19.8	31	-2.0	1	10.8	–	19	–	6	3	13	6	0	0	0	0	0	0	2	3	–	0	–	–	S
Dalry	32	15.5	6.7	11.1	–	21.3	27	-0.5	8	–	–	18	–	7	12	8	4	0	0	0	0	0	–	1	–	–	0	–	–	–
Drumclog	227	13.5	4.7	9.1	–	19.1	31	-2.9	1	–	–	26	–	6	12	15	11	0	0	0	0	0	0	3	9	–	0	–	–	–
Dunstaffnage (A)	3	13.8	6.8	10.3	–	19.4	30	0.4	8	10.9	–	35	–	12	12	14	8	0	0	0	0	0	0	0	4	–	0	5.33	–	–
East Kilbride	178	14.4	6.4	10.4	–	19.6	27	0.8	8	–	–	19	–	5	12	11	6	0	0	0	0	0	–	0	9	–	0	6.73	–	–
Girvan	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Glasgow Abbotsinch Airport (A)	5	16.0	6.6	11.3	–	21.6	27	-0.6	5, 8	11.2	–	7	12	3	12	9	1	0	0	0	0	0	0	2	8	3	0	6.72	–	–
Springburn Park	107	15.4	7.0	11.2	+0.9	20.2	27	1.9	5	–	–	15	21	5	12	12	7	–	–	–	–	–	–	0	–	–	–	–	–	–
Helensburgh	96	14.9	6.1	10.5	–	20.2	26	0.7	5	–	–	15	–	8	12	7	5	0	0	0	1	0	–	0	–	–	0	5.75	–	–
Hunterston	8	14.6	7.9	11.3	+0.5	19.2	29	3.0	8	–	–	8	–	5	12	3	2	0	0	0	0	0	0	0	–	–	0	–	–	–
Inverinan Mor	70	14.3	4.9	9.6	–	21.5	29,30	-1.9	8	–	–	67	–	24	12	13	8	0	0	0	0	0	0	3	–	–	0	–	–	–
Leadhills	388	13.1	2.8	7.9	–	18.1	27	-5.0	8, 9	–	–	32	–	10	12	11	8	0	0	0	0	0	0	7	12	–	0	–	–	–
Lochgilphead	5	14.4	6.7	10.5	–	18.6	28	-0.6	8	–	–	(29)	–	7	12	13	7	0	0	0	0	0	–	1	2	–	0	–	–	–
Lochranza	46	13.8	7.3	10.5	–	18.2	27	1.5	5	–	–	12	–	5	12	10	5	–	–	–	–	–	–	0	–	–	–	–	–	–
Machrihanish (A)	10	12.8	7.1	9.9	(-0.2)	17.0	29	0.0	8	–	–	14	–	4	12	10	6	–	–	–	–	–	–	0	–	–	0	–	–	–
Millport	5	14.4	7.5	10.9	(+0.3)	20.2	27	3.4	8	–	–	14	22	7	12	7	4	0	0	0	0	0	–	0	–	–	0	–	–	–
Motherwell (Strathclyde Park)	24	16.0	6.4	11.2	–	21.2	27	-0.6	8	–	–	8	–	3	12	9	3	0	0	0	0	0	0	1	–	–	0	–	–	–
Orsay	23	11.2	7.8	9.5	–	14.1	29	3.4	5	–	–	–	–	–	–	–	–	0	0	0	0	0	6	0	0	0	0	–	–	–
Paisley (A)	32	16.5	7.6	12.1	+0.9	21.5	27	2.4	8	12.6	10.2	9	13	3	12	9	4	0	0	0	0	0	0	0	4	–	0	6.29	110	–
Pollok Country Park	16	16.1	6.2	11.1	–	21.3	27	-1.2	8	–	–	11	–	4	12	12	4	0	0	0	0	0	–	3	–	–	0	–	–	–
Prestwick (A)	16	14.7	6.4	10.5	+0.2	19.8	27	-0.4	8	11.0	–	14	27	6	3	9	4	0	0	0	0	0	0	2	9	5	0	6.62	98	–
Rothesay	43	14.9	7.3	11.1	(+0.6)	20.1	27	2.2	5	10.1	9.2	18	24	6	12	8	4	0	0	0	0	0	0	0	4	–	0	6.21	–	–
Salsburgh	260	13.7	5.1	9.4	–	18.5	24	-0.6	1	–	–	17	–	7	12	11	4	–	–	–	–	–	–	1	–	–	–	–	–	–
Saughall	221	13.7	5.0	9.3	–	19.0	27	-2.4	1	9.7	8.2	21	–	7	12	12	6	0	0	0	0	0	0	3	9	4	0	5.53	–	–
Tiree (A)	9	12.2	7.8	10.0	+0.2	15.9	30	4.5	8	10.7	–	37	66	13	12	16	11	0	0	0	0	0	1	0	1	0	0	5.66	81	–
Uplawmoor	128	14.3	6.0	10.1	–	18.8	27	-1.8	8	–	–	21	–	7	12	9	7	0	0	0	0	0	0	1	8	–	0	–	–	–
Central																														
Aberfoyle	27	16.2	5.3	10.7	–	21.0	27	-2.4	8	–	–	8	–	3	12	4	2	0	0	0	0	0	0	4	12	–	0	–	–	–
Arrochymore	30	15.6	6.3	10.9	–	21.0	27	-0.6	8	10.9	–	14	–	8	12	5	2	–	0	–	–	–	0	2	6	–	–	6.18	–	S
Balquhidder	136	14.9	6.2	10.5	–	20.4	30	-1.1	8	10.4	–	17	–	8	12	9	5	0	0	0	0	0	0	1	–	–	0	–	–	S
Falkirk	3	16.0	6.8	11.4	–	22.0	24	0.6	9	–	–	10	–	5	6	5	2	0	0	0	0	0	–	0	–	–	0	–	–	–
Grangemouth (BP Refinery)	2	15.9	8.0	11.9	–	22.2	24	2.7	9	–	–	9	–	5	6	4	2	0	0	0	0	0	0	0	–	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average *	Exposure
6 SCOTLAND W - Continued																													
Central - Continued																													
Loch Venachar	84	15.1	5.8	10.5	–	20.6	27	-1.9	9	–	–	10	–	3	12	9	3	0 0	0	0	0	0	3	8	–	0	–	–	–
Mugdock Park	165	15.3	6.4	10.9	–	20.5	27	1.5	5, 8	9.3	–	17	–	9	12	10	5	0 0	0	0	0	0	0	–	–	0	–	–	–
Parkhead	35	16.2	6.8	11.5	–	23.1	28	1.6	8	11.7	–	9	–	4	12	5	3	0 0	0	0	0	0	0	–	–	0	–	–	–
Stirling (Sewage Works)	7	15.9	7.7	11.8	–	21.8	24	1.9	9	–	–	8	–	4	12	5	2	– 0	–	–	–	–	0	–	–	–	6.13	–	–
Tyndrum	168	14.6	5.0	9.8	–	22.0	30	-4.0	8	–	–	26	–	11	12	11	5	0 0	0	0	0	–	5	–	–	0	–	–	–
Dumfries & Galloway																													
Auchen Castle	184	14.6	5.3	9.9	–	19.9	24	-2.1	9	–	–	11	–	5	12	6	4	0 0	0	0	0	0	2	8	–	0	–	–	–
Bargrennan	110	15.6	5.3	10.5	+0.8	22.2	29	-3.1	8	–	–	25	31	8	3	11	4	0 0	0	0	0	–	3	–	–	0	–	–	–
Clatteringshaws	178	14.3	5.4	9.9	–	20.0	24,27	-2.7	8	–	–	17	16	8	12	9	5	– 0	–	–	–	0	2	–	–	–	5.39	–	S
Corsewall Point	15	12.5	7.2	9.9	–	16.9	19	2.3	5	–	–	–	–	–	–	–	–	– –	–	–	–	–	0	–	–	–	–	–	–
Creebridge	18	16.2	6.4	11.3	–	22.1	27	-1.7	8	–	–	14	–	8	12	6	3	0 0	0	0	0	0	2	–	–	0	–	–	–
Dumfries	49	15.0	5.8	10.4	+0.2	19.8	24	-1.5	4	11.3	10.0	8	11	3	13	4	4	0 0	0	0	0	0	1	6	–	0	5.08	87	S
Dumfries (Drungans)	28	15.7	7.2	11.5	–	21.5	24	-0.5	8	–	–	6	–	2	12	6	2	– –	–	–	–	–	1	6	–	–	–	–	–
Eskdalemuir (A)	242	13.5	4.7	9.1	+0.3	20.2	24	-2.5	9	9.5	8.1	18	19	7	12	11	4	0 0	0	0	0	0	6	9	7	0	4.26	81	–
Glenlee	55	16.0	5.6	10.8	+0.8	21.7	27	-3.7	8	–	–	9	10	6	12	5	2	– 0	–	–	–	–	2	16	–	–	–	–	–
Glenlochar Barrage	47	15.4	6.6	11.0	+0.8	22.4	24	-1.9	8	–	–	10	14	5	12	5	3	0 0	0	0	0	0	2	–	–	0	–	–	–
Penwhirn	166	12.7	5.3	9.0	(-0.1)	18.6	31	-2.0	8	–	–	34	41	15	3	10	7	0 0	0	0	0	0	2	9	–	0	–	–	–
Threave	73	15.3	6.5	10.9	+0.8	21.2	24	-1.2	8	11.9	–	11	15	5	12	7	4	0 0	0	0	0	–	2	11	–	0	–	–	–
Whithorn	40	13.8	6.0	9.9	–	19.2	27	-1.4	9	10.9	–	12	–	7	12	7	3	0 0	0	0	0	0	1	9	1	0	6.13	–	–
2 ENGLAND E & N E																													
Northumberland																													
Boulmer (A)	23	12.9	7.0	9.9	–	19.5	20	2.0	9	10.8	9.6	14	–	6	3	11	2	0 0	0	0	0	1	0	3	0	0	4.86	–	–
Cockle Park	99	12.9	6.2	9.5	+0.2	17.5	20,21	1.0	6	10.2	–	13	24	5	3	9	4	0 0	0	0	1	0	0	4	–	0	3.84	68	–
Haydon Bridge	82	14.8	6.0	10.4	+0.5	21.2	24	-1.2	3	11.4	–	19	–	6	3	9	6	0 0	0	0	0	0	3	–	–	0	–	–	–
Kielder Castle	201	(13.6)	(4.9)	9.3	+0.6	20.1	24	-2.4	9	(10.4)	–	27	35	9	3	11	8	0 0	1	0	0	–	6	(12)	–	0	–	–	–
Redesdale	235	12.7	5.0	8.9	–	19.3	24	-1.3	9	8.8	–	20	–	6	15	10	6	– 0	–	–	–	0	4	7	–	–	3.61	–	–
Tyne & Wear																													
Newcastle Weather Centre (X)	52	13.5	7.7	10.6	–	18.7	21	3.2	6	–	–	15	–	7	3	8	4	0 –	0	0	0	0	0	–	0	0	–	–	–
South Shields	5	13.3	7.7	10.5	–	19.5	20	3.9	6, 9	–	–	13	–	5	3	8	4	0 0	0	0	0	0	0	–	–	0	–	–	–
Sunderland Polytechnic	56	13.6	7.9	10.7	–	19.4	20	3.6	6	–	–	12	–	6	3	11	3	0 0	0	0	0	0	0	–	0	0	4.50	–	–
Tynemouth	30	12.4	7.5	9.9	+0.2	18.6	20	3.4	5	–	–	10	20	5	3	7	2	0 0	0	0	0	0	0	0	–	3	4.77	85	–
Durham																													
Durham	102	14.4	6.2	10.3	+0.3	19.7	20	0.4	9	11.2	9.6	19	36	6	3	8	6	– 0	–	–	–	0	0	0	–	–	4.01	74	S
Low Etherley	155	13.7	5.7	9.7	–	18.9	20	0.2	9	10.5	8.7	12	–	5	3	8	4	0 0	0	0	0	0	0	11	0	0	–	–	–
Widdybank Fell	513	10.8	3.5	7.1	–	17.0	24	-1.2	3	6.8	–	25	–	5	12	13	7	– 0	–	–	–	2	4	9	–	–	4.22	–	–
Cleveland																													
North Yorkshire																													
Askham Bryan	33	14.3	5.6	9.9	-0.8	19.3	21	0.5	2	–	–	9	17	4	3	5	4	0 0	0	0	0	0	0	3	–	0	3.59	62	–
Cawood	6	14.6	6.4	10.5	-0.3	19.4	12	0.9	9,10	10.5	9.9	10	21	4	3	9	3	1 0	0	0	0	0	0	6	–	0	3.78	65	–
Church Fenton	8	14.5	6.7	10.6	–	18.8	24	1.1	2	–	–	10	–	4	3	7	4	– –	–	–	–	–	0	–	–	–	–	–	–
Fylingdales	262	11.5	5.3	8.4	–	19.0	20	1.0	9	–	–	25	–	9	3	14	6	0 –	–	–	–	–	0	–	–	–	–	–	–
Harrogate (Bilton)	66	13.9	6.5	10.2	+0.1	18.7	24	0.6	9	–	–	13	23	5	15	7	3	0 0	0	0	0	0	0	1	–	0	2.87	50	–
High Mowthorpe	175	12.4	5.7	9.1	-0.4	17.6	20	1.7	2	9.6	–	12	21	8	3	7	2	– 0	–	–	–	0	0	3	–	–	–	–	–
Linton-on-Ouse	14	14.8	6.5	10.7	–	19.4	24	-0.5	2	–	–	8	–	3	3	5	4	– –	–	–	–	–	1	–	–	–	–	–	–
Leeming (A)	32	14.4	6.9	10.7	(0.0)	21.0	20	1.9	9	11.4	9.7	11	22	5	3	6	4	0 0	0	0	0	0	0	7	0	0	4.13	–	–
Malham Tarn	381	12.1	4.8	8.5	-0.1	19.7	24	0.2	3	8.7	–	27	–	10	12	12	6	0 0	0	0	0	2	0	12	–	0	3.69	–	S
Scarborough	110	12.2	6.6	9.4	–	19.6	20	3.2	4	11.0	10.0	13	–	9	3	5	3	0 0	0	0	0	1	0	–	–	0	4.87	–	–
Whitby	41	12.9	7.4	10.1	(+0.1)	20.9	20	3.9	10	11.5	9.8	14	–	8	3	9	2	0 0	0	0	0	0	0	0	–	0	4.32	73	–
Whitby Coastguard	60	12.4	7.2	9.8	(+0.3)	20.4	20	3.2	1	–	–	15	–	8	3	9	5	0 0	0	0	0	1	0	0	0	0	–	–	–
Wycliffe Hall	120	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	–	–	–	–	–	–	–	–	–	–	–
Wykeham Forest	211	–	–	–	–	–	–	–	–	–	–	23	–	12	3	6	4	– 0	–	–	–	–	–	–	–	–	–	–	–
Humberside																													
Cleethorpes	23	13.9	7.7	10.8	–	21.5	20,21	2.3	9	–	–	10	–	9	3	6	1	– 0	–	–	–	2	0	2	0	–	4.65	–	–
Hull	2	14.4	7.7	11.1	-0.2	20.8	20	3.1	8	12.0	10.5	10	19	8	3	7	1	0 0	1	0	1	–	0	–	–	0	–	–	–
Lincolnshire																													
Coningsby (A)	6	14.5	7.0	10.7	–	23.0	21	0.7	9	–	–	11	–	7	3	6	2	0 0	0	0	0	0	0	3	1	0	–	–	–
Covenham	3	(13.8)	(6.4)	10.1	–	22.0	21	0.0	9	–	–	11	–	9	3	5	2	– –	–	–	–	–	0	–	–	–	–	–	–
Cranwell (A)	62	14.4	6.6	10.5	-0.4	22.8	21	0.5	9	–	–	9	19	5	3	4	3	– –	–	–	–	–	0	–	–	–	–	–	–
Driby	41	(13.4)	(6.1)	9.7	–	21.5	21	-1.5	9	–	–	15	–	9	3	13	2	– –	–	–	–	–	1	–	–	–	–	–	–
Kirton	4	14.8	6.6	10.7	–	23.9	21	-1.1	9	10.9	9.7	15	–	8	3	7	5	0 0	0	0	0	0	1	5	–	0	4.47	–	–
Lincoln (Canwick)	7	(14.7)	(7.3)	11.0	–	22.7	21	2.6	9	11.1	10.2	10	–	7	3	3	3	0 0	0	0	0	1	0	2	–	0	–	–	–
Scampton	58	14.3	6.5	10.4	–	21.7	21	1.0	2	–	–	11	–	6	3	5	2	– –	–	–	–	–	0	–	–	–	–	–	–
Skegness	5	13.3	7.6	10.5	(-0.4)	22.9	21	2.7	9	–	–	9	20	8	3	4	1	– 0	–	–	–	1	0	–	–	–	5.01	78	–
Waddington (A)	68	14.3	7.0	10.7	-0.2	22.0	21	1.4	2	11.3	10.4	11	24	6	3	6	3	0 0	0	0	0	0	0	2	0	0	4.32	67	–
3 EAST ANGLIA																													
Norfolk																													
Bressingham	30	(14.1)	(5.4)	9.7	–	23.0	21	-1.9	10	–	–	14	–	8	4	8	4	0 0	0	0	0	–	3	5	3	0	–	–	–
Coltishall (A)	18	13.4	6.7	10.1	(-1.0)	22.0	20	-0.4	10	–	–	11	28	8	4	6	3	0 0	0	1	1	–	1	6	3	0	–	–	–
Cromer	54	13.2	7.3	10.3	-0.6	22.1	21	3.4	10	–	–	4	9	1	15	6	1	0 0	1	0	0	0	0	4	–	0	–	–	–
Denver	2	14.4	6.6	10.5	–	22.6	21	-1.2	9	11.5	9.8	11	–	7	3	8	2	– 0	–	–	–	0	1	–	–	–	4.46	–	–
Hemsby (A)	13	13.2	6.5	9.9	–	21.9	21	1.6	10	11.0	10.6	13	–	7	4	5	4	1 0	0	1	0	0	0	7	0	0	5.31	–	–
Hunstanton	15	13.3	7.5	10.4	–	20.5	21	0.5	9	–	–	8	–	7	3	4	1	0 –	0	0	0	–	0	–	–	0	5.08	–	–
Marham (A)	21	14.5	6.5	10.5	-0.8	22.5	21	-1.5	9	–	–	9	20	5	3	9	1	0 0	0	0	0	0	1	5	1	0	4.75	–	–
Morley St Botolph	46	14.0	6.0	10.0	–	21.9	21	-0.6	9	11.4	–	11	–	5	4	7	3	0 0	0	0	0	0	1	5	–	0	5.30	–	–
Norwich Weather Centre	15	13.8	7.2	10.5	–	22.5	21	2.7	9	–	–	12	–	8	4	7	2	0 –	0	1	0	0	0	–	–	0	5.44	–	–
South Raynham	68	13.6	5.9	9.7	–	20.9	21	-1.4	9	–	–	8	–	4	3	7	2	0 0	0	0	0	0	1	4	–	0	–	–	–
Terrington St Clement	2	14.2	6.8	10.5	-0.8	23.2	21	-1.0	9	11.3	–	11	24	7	3	7	2	0 0	0	0	0	0	1	5	–	0	4.86	76	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation												
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more / 1.0 mm or more	Snow or sleet / Snow lying at 9h	Hail / Ice pellets,etc / Thunder heard / Fog at 9h / Air frost					Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
3 EAST ANGLIA - Continued																												
Cambridgeshire																												
Boxworth	53	14.1	6.3	10.2	(-1.1)	22.4	21	-0.5	9	–	–	19	–	9	3	5 / 3	0 0	0	0	0	3	1	4	–	0	3.90	(60)	-
Cambridge Botanic Garden	12	15.0	6.3	10.7	-1.1	23.6	21	-2.3	9	11.7	10.6	14	32	7	3	10 / 3	0 0	0	0	0	0	1	8	–	0	–	–	-
National Institute of Agricultural Botany	24	14.7	6.6	10.7	-1.0	22.8	21	-1.5	9	–	–	14	30	7	3	8 / 3	0 0	0	0	0	0	1	4	–	0	3.69	57	-
March	2	(15.0)	(7.1)	11.1	–	23.4	21	0.0	9	–	–	15	31	7	3	7 / 4	– –	–	–	–	–	0	–	–	–	–	–	-
Marholm	21	15.6	6.4	11.0	–	23.8	21	-3.4	9	–	–	14	–	8	3	7 / 3	0 0	0	0	0	0	1	1	–	0	–	–	-
Mepal	-2	14.9	6.2	10.5	–	23.6	21	-2.6	9	11.8	10.6	15	–	7	3	8 / 4	0 0	0	0	0	1	1	6	–	0	(3.85)	–	-
Monks Wood	39	14.8	6.4	10.6	(-0.5)	23.4	21	-3.4	9	11.6	10.4	13	–	7	3	6 / 2	0 0	0	0	0	0	1	4	–	0	3.91	–	-
Wittering	73	14.3	7.0	10.7	-0.6	22.9	21	0.3	9	–	–	14	–	7	3	8 / 3	– –	–	–	–	–	0	–	–	–	–	–	-
Wyton (A)	40	14.6	7.0	10.8	-0.8	23.4	21	0.9	9	–	–	15	34	9	3	7 / 3	0 0	0	0	0	0	0	4	1	0	4.23	–	-
Suffolk																												
Brooms Barn	75	14.2	6.4	10.3	(-1.0)	22.5	21	0.1	9	10.9	10.1	15	–	5	3	9 / 3	0 0	0	0	0	0	0	5	–	0	4.38	(67)	S
Cavendish	55	15.1	5.0	10.1	–	22.9	21	-2.4	9	11.4	–	21	–	9	4	9 / 5	0 0	0	0	0	0	4	5	–	0	4.61	–	-
East Bergholt	5	15.2	4.9	10.1	-1.4	23.0	21	-1.5	9,10	–	–	15	38	9	4	7 / 4	0 0	0	0	0	0	4	10	–	0	–	–	-
Honington (A)	51	14.5	6.1	10.3	–	22.7	21	-0.4	9	–	–	14	–	5	4	10 / 5	0 0	0	0	0	0	1	4	2	0	4.81	–	-
Levington	22	14.7	6.4	10.5	–	23.2	21	0.5	9	11.2	–	10	–	5	4	8 / 3	0 0	0	0	0	0	0	8	–	0	5.05	–	-
Lowestoft	25	13.4	7.1	10.3	-0.6	23.3	21	2.2	17	12.3	11.1	17	45	8	4	7 / 5	0 0	0	0	0	0	0	0	0	0	5.05	74	S
Wattisham (A)	89	14.1	5.6	9.9	-1.2	22.2	21	0.3	9	–	–	21	54	15	4	8 / 3	0 0	0	0	0	0	0	6	2	0	5.45	–	-
Westleton	10	13.4	6.1	9.7	–	22.6	21	1.4	10	–	–	15	–	7	4	8 / 3	0 0	0	0	0	0	0	2	–	0	–	–	-
Bedfordshire																												
Bedford (A)	85	14.1	6.6	10.3	–	23.3	21	0.3	9	–	–	14	33	6	3	6 / 3	– –	–	–	–	–	0	–	–	–	–	–	-
Woburn	89	14.6	6.0	10.3	-0.7	23.2	21	-2.4	9	10.7	9.0	13	26	5	3	7 / 2	0 0	0	0	0	–	2	6	–	0	3.92	66	-
Hertfordshire																												
Aldenham School	91	14.8	6.3	10.5	–	23.6	21	-1.0	9	11.5	–	13	–	6	3	8 / 2	0 0	0	0	0	0	1	2	–	0	–	–	-
Rothamsted	128	13.8	5.6	9.7	-1.4	22.1	21	-1.7	9	10.5	9.0	15	29	7	3	7 / 2	0 0	0	1	0	0	1	8	–	0	4.22	69	-
Stanstead Abbotts	30	(15.5)	(6.2)	10.9	–	23.5	21	-1.0	10	–	–	25	–	8	4	8 / 5	– 0	–	–	–	–	1	–	–	–	–	–	-
Essex																												
Clacton-on-Sea	16	13.7	7.0	10.3	-1.2	23.5	21	2.5	9	10.7	10.1	10	25	4	4	7 / 2	0 0	0	0	0	0	0	0	–	0	4.61	68	-
Halstead	70	14.7	6.2	10.5	–	23.2	21	0.1	9	11.2	10.1	19	–	10	4	6 / 4	0 0	0	0	0	0	0	–	–	0	–	–	-
Rettendon	16	14.6	6.1	10.3	–	23.7	21	-0.5	9	–	–	20	–	7	4	11 / 4	0 0	0	0	0	–	1	3	–	0	4.44	–	-
Shoeburyness																												
Landwick (A)	2	14.1	6.4	10.3	–	23.8	21	-0.6	9	–	–	13	–	4	5	10 / 3	– –	–	–	–	–	2	–	–	–	–	–	-
Southend	2	14.2	7.2	10.7	–	23.5	21	2.2	18	–	–	16	–	6	5	10 / 4	0 0	0	0	0	0	0	–	–	0	4.95	–	-
Stansted (A)	101	14.4	6.2	10.3	-1.0	23.5	21	-0.1	9	10.5	–	19	46	7	3	11 / 5	0 0	0	0	0	0	1	6	2	0	–	–	-
Writtle	35	14.8	5.6	10.2	-1.2	23.1	21	-1.9	9	11.4	–	18	44	7	4	9 / 3	0 0	0	0	0	0	3	6	–	0	3.75	61	-
4 MIDLAND COUNTIES																												
West Yorkshire																												
Bradford	134	13.8	6.7	10.3	-0.2	19.0	24	2.7	9	10.4	8.9	9	13	3	3	7 / 3	0 0	0	0	0	0	0	9	–	0	3.07	56	S
Bramham	54	14.0	6.7	10.3	-0.1	18.5	24	2.0	8	–	–	10	–	4	3	6 / 3	0 0	0	0	0	0	0	8	0	0	3.74	(67)	-
Emley Moor	259	12.8	6.2	9.5	–	18.2	24	1.4	3	–	–	20	–	5	3	10 / 6	0 0	–	–	–	–	0	6	–	–	–	–	-
Holme Moss	520	10.6	4.6	7.6	–	15.7	24	-0.1	3	–	–	30	–	7	13	14 / 8	1 0	0	0	0	11	1	–	–	1	–	–	-
Leeds Weather Centre (X)	62	15.0	7.9	11.5	–	20.1	24	3.4	3	–	–	10	–	4	15	6 / 3	0 –	0	0	0	0	0	–	–	0	3.73	–	-
Wilsden (A)	262	12.7	5.9	9.3	–	18.3	24	1.9	2,14	–	–	10	–	3	6	7 / 4	0 0	0	0	0	0	0	5	1	0	–	–	-
South Yorkshire																												
Finningley (A)	10	15.1	7.1	11.1	–	20.8	21	1.9	9	10.9	–	9	–	5	3	7 / 2	0 0	0	0	0	0	0	4	0	0	3.92	–	-
Sheffield, Weston Park	131	14.6	7.7	11.1	-0.1	19.6	21,24	3.4	8	11.2	10.1	14	23	5	6	7 / 3	0 0	0	0	0	–	0	–	–	0	4.24	79	-
Derbyshire																												
Ashover	178	14.8	6.7	10.7	–	20.6	21	1.0	9	–	–	10	–	3	3	9 / 2	0 0	0	0	0	0	0	5	–	0	–	–	-
Buxton	307	12.9	5.8	9.3	0.0	17.9	24	0.5	9	10.4	8.9	15	17	4	3	11 / 5	0 0	0	0	0	0	0	8	–	0	3.84	72	-
Wingerworth	116	14.7	6.4	10.5	–	20.0	21	-0.5	9	11.2	–	12	–	4	15	10 / 4	0 0	0	0	0	1	1	8	1	0	3.55	–	-
Nottinghamshire																												
Clarborough	21	15.1	6.3	10.7	–	21.6	21	-0.2	2	11.8	10.2	12	–	7	3	7 / 3	– 0	–	–	–	0	1	9	–	–	3.66	–	S
Keyworth	69	14.7	7.2	10.9	–	22.6	21	0.1	9	–	–	9	–	3	3	6 / 3	0 0	0	0	0	0	0	5	–	0	–	–	-
Southwell	70	14.2	7.0	10.6	–	22.0	22	2.0	4	11.7	10.0	13	–	5	6	6 / 3	– 0	–	–	–	0	0	–	–	–	4.15	–	S
Sutton Bonington	48	15.2	6.8	11.0	+0.1	22.2	21	-1.6	9	10.6	9.8	11	23	4	15	7 / 3	0 0	0	0	0	0	1	6	1	0	3.84	67	-
Warsop	46	15.2	6.5	10.9	+0.4	21.7	21	-0.6	9	–	–	16	32	6	3	8 / 5	0 0	0	0	0	0	1	8	–	0	3.97	69	-
Nottingham W.C. (A)	117	14.4	6.9	10.7	-0.3	21.8	21	1.3	9	11.5	–	11	20	4	3	6 / 4	0 0	0	0	0	0	0	6	1	0	3.84	71	-
Wiseton	6	14.8	5.7	10.3	–	21.0	21	0.9	8, 9	–	–	12	–	7	3	9 / 3	0 0	0	0	0	0	0	–	–	0	3.87	–	-
Staffordshire																												
Cellarhead	228	13.1	5.6	9.3	–	18.6	24	-0.5	9	–	–	9	–	2	3	11 / 4	0 0	–	–	–	–	1	–	5	–	–	–	-
Keele (A)	179	14.1	6.5	10.3	-0.2	19.9	21	0.7	6	10.1	8.8	10	15	5	3	7 / 3	0 0	0	0	0	0	0	8	3	0	4.27	76	S
Penkridge	101	15.1	(6.5)	10.8	+0.2	21.8	21	0.0	9	–	–	8	14	3	15	4 / 3	0 –	0	0	0	–	0	9	–	0	–	–	-
Leicestershire																												
Brooksby Hall	70	14.4	5.6	10.0	–	22.0	21	-3.0	9	10.4	–	11	–	3	3	9 / 4	0 0	0	0	0	0	1	9	–	0	4.05	–	-
Caldecott	53	15.1	6.5	10.8	0.0	23.6	21	-2.8	9	–	–	8	17	4	3	6 / 2	0 0	0	0	0	0	1	6	–	0	4.18	71	-
Cottesmore	138	13.8	6.2	10.0	–	22.2	21	1.0	2	–	–	11	–	5	3	7 / 4	– –	–	–	–	–	0	–	–	–	–	–	-
Newtown Linford	119	14.9	6.5	10.7	0.0	23.0	21	-1.6	9	–	–	13	24	5	15	7 / 4	0 0	0	0	0	0	1	5	–	0	4.09	74	S
Shropshire																												
Edge	126	14.9	6.6	10.7	–	21.2	24	-0.1	2	–	–	13	–	7	3	7 / 3	0 0	0	0	0	0	1	9	–	0	–	–	-
Ludlow College	107	15.9	(6.9)	11.4	–	23.3	21	0.6	2	–	–	5	–	5	3	1 / 1	0 0	0	0	0	1	0	–	–	0	–	–	-
Nethercott	150	15.2	6.6	10.9	–	22.1	21	0.7	6	–	–	4	–	3	3	3 / 1	0 0	0	0	0	0	0	9	–	0	–	–	-
Newcastle-on-Clun	210	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– / –	– –	–	–	–	–	–	–	–	–	–	–	-
Oswestry School	139	15.1	7.3	11.2	–	21.9	21	2.1	3	–	–	14	–	7	7	5 / 3	0 0	0	0	0	0	0	–	–	0	–	–	-
Pennerley	357	13.0	5.7	9.3	–	18.8	21	0.5	3	–	–	10	–	7	3	5 / 2	0 0	0	0	0	1	0	5	–	0	–	–	-
Preston Montford	67	15.5	6.7	11.1	–	22.4	21	0.6	3	11.0	10.0	11	–	5	3	8 / 4	0 0	0	0	0	0	0	10	–	0	4.28	–	S
Shawbury (A)	72	15.1	6.5	10.8	-0.1	21.5	21	-0.8	6	10.8	–	12	21	7	3	6 / 3	0 0	0	0	0	0	2	9	4	0	4.42	76	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of * 1951-80 average	Exposure
4 MIDLAND COUNTIES - Continued																														
West Midlands																														
Birmingham																														
Elmdon Airport (A)	98	15.1	7.0	11.1	+0.3	24.3	21	-1.3	9	10.5	–	13	23	8	15	7	2	0	0	0	0	0	0	1	6	1	0	4.32	73	-
Winterbourne	140	14.7	7.4	11.1	–	23.2	21	2.0	9	11.9	9.9	13	–	6	15	6	4	0	0	0	0	0	0	0	7	0	0	4.32	–	-
Halesowen	155	15.3	6.9	11.1	+0.2	24.3	21	1.2	9	11.1	10.0	12	19	5	15	7	3	0	0	0	0	0	0	0	5	1	0	4.48	79	S
Walsall	163	15.0	6.8	10.9	-0.2	22.8	21	1.5	2	–	–	12	–	5	15	8	3	0	0	0	0	0	–	0	6	–	0	–	–	-
Warwickshire																														
Coventry (Bablake)	93	15.3	7.5	11.4	–	24.6	21	0.8	9	12.4	10.1	7	–	3	15	6	2	0	0	0	0	0	0	0	4	2	0	4.19	–	-
Rugby	117	15.2	6.0	10.6	(-0.6)	24.1	21	1.1	2	12.0	10.8	13	26	5	15	7	4	0	0	0	0	0	–	0	4	2	0	–	–	-
Stratford-upon-Avon	49	15.3	5.7	10.5	-0.6	23.9	21	0.1	2	12.3	–	17	35	9	15	7	5	–	0	–	–	–	0	0	(8)	–	–	4.53	79	S
Wellesbourne	47	15.4	6.7	11.1	0.0	24.9	21	0.1	2	11.4	10.4	9	17	5	15	5	3	0	0	0	0	0	0	0	8	1	0	4.47	77	-
Northamptonshire																														
Moulton Park	122	14.6	6.5	10.5	–	23.5	21	0.1	3	11.8	10.4	10	–	4	3	5	3	0	0	0	0	0	–	0	8	–	0	4.20	–	S
Raunds	59	15.3	6.7	11.0	-0.3	24.2	21	-1.9	9	11.9	10.2	13	28	6	3	7	2	0	0	0	1	0	0	1	5	–	0	–	–	S
Hereford & Worcester																														
Astwood Bank	139	15.3	6.7	11.0	–	23.7	21	1.5	2	–	–	11	–	4	15	5	3	0	0	0	0	0	0	0	6	–	0	–	–	-
Barbourne	25	16.9	7.2	12.1	–	26.0	21	0.6	2	–	–	7	–	4	3	4	2	0	0	0	0	0	0	0	12	–	0	–	–	-
Batchley Farm	247	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Great Malvern	44	17.0	8.1	12.5	–	25.9	21	2.4	6	–	–	6	–	4	3	5	1	–	–	–	–	–	–	0	–	–	–	–	–	-
Lyonshall	155	15.2	7.1	11.1	+0.2	23.0	21	1.5	9	–	–	5	8	3	3	3	2	–	–	–	–	–	–	0	8	–	–	–	–	-
Madley	77	16.2	6.9	11.5	–	24.2	21	0.0	2	–	–	7	–	5	3	3	2	0	0	0	0	0	0	0	2	–	0	–	–	-
Malvern	62	16.8	8.2	12.5	+0.7	25.1	21	2.7	6	12.2	10.3	6	10	4	3	5	1	0	0	0	0	0	0	0	6	–	0	4.33	74	S
Pershore College of Hort.	40	15.8	7.4	11.6	-0.1	23.4	21	0.2	2	–	–	9	17	4	15	5	3	0	0	0	0	0	0	0	6	–	0	–	–	S
Preston Wynne	84	15.6	6.8	11.2	+0.4	22.7	21	1.0	9	–	–	4	7	3	3	2	1	–	0	–	–	–	0	0	8	–	–	4.45	73	-
Ross on Wye	67	16.5	7.6	12.1	+0.6	24.2	21	1.5	2	13.2	–	7	13	4	3	5	2	0	0	0	1	0	0	0	1	–	0	4.69	80	-
Gloucestershire																														
Cheltenham	65	16.2	6.8	11.5	-0.4	25.0	21	2.5	9	–	10.0	17	29	5	1	9	5	0	0	0	0	0	0	0	–	–	0	4.32	72	-
Cirencester	135	(15.3)	(6.9)	11.1	–	22.9	21	2.2	3	(11.9)	–	9	–	3	15	6	3	0	–	0	0	0	–	0	5	–	0	–	–	-
Didbrook Fields	80	15.2	6.0	10.6	–	23.0	21	-1.1	2	–	–	13	–	6	15	6	3	0	0	0	0	0	1	1	–	–	0	–	–	-
Randwick	200	14.4	6.6	10.5	–	20.9	24	1.4	2, 6	11.7	–	17	–	7	3	7	4	0	0	0	0	0	0	0	0	–	0	–	–	-
Slimbridge	5	16.1	6.7	11.4	–	22.3	24	-1.4	2	–	–	9	–	3	1	6	3	0	0	0	0	0	–	1	6	–	0	–	–	-
Westonbirt	122	15.0	6.0	10.5	–	22.0	21	0.0	6	12.3	10.7	8	–	3	3	7	2	0	0	1	0	0	0	0	9	–	0	4.15	–	S
Oxfordshire																														
Benson (A)	67	15.0	7.0	11.0	–	23.5	21	0.3	2	–	–	10	20	4	15	7	3	–	–	–	–	–	–	0	–	–	–	–	–	-
Brize Norton (A)	81	15.1	7.0	11.1	-0.3	23.4	21	2.0	2	11.6	–	10	–	6	15	4	3	0	0	0	0	0	0	0	4	1	0	4.82	–	-
Oxford (A)	63	15.3	7.4	11.3	-0.6	23.6	21	2.1	2	12.5	10.9	9	16	3	15	7	3	0	0	0	0	0	0	0	6	1	0	4.61	74	-
Shirburn (Model Farm)	108	14.8	6.1	10.5	–	22.8	21	-0.9	2	12.0	10.7	13	–	4	16	9	4	0	0	0	0	0	0	2	7	–	0	–	–	-
Wallingford	48	15.3	6.1	10.7	(-0.5)	23.0	21	-1.4	2	11.9	–	10	–	4	15	8	3	0	0	0	0	0	–	2	9	–	0	3.96	(65)	S
Buckinghamshire																														
Grendon Underwood	67	14.9	5.5	10.2	-0.5	23.0	21	-3.2	9	11.7	–	11	21	3	3,15	5	5	–	0	–	–	–	1	5	7	–	–	–	–	S
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	15.2	6.6	10.9	(-1.6)	24.5	21	0.2	9	–	–	20	42	8	4	6	4	0	0	0	0	0	0	0	3	–	0	3.71	60	S
Hampstead	137	14.6	7.0	10.8	-0.8	23.3	21	2.1	2	–	–	21	–	7	3	12	5	0	0	0	0	0	0	0	6	–	0	–	–	-
Heathrow Airport (A)	25	15.7	7.7	11.7	-0.8	24.6	21	2.2	2, 9, 10	–	–	9	19	5	3	8	2	0	0	0	0	0	0	0	4	0	0	4.47	71	-
Kew																														
Royal Botanic Gardens	6	15.6	6.9	11.3	–	24.5	21	-0.1	9	11.6	10.6	17	34	5	4	10	4	0	0	0	0	0	0	1	5	3	0	4.43	–	-
London																														
Weather Centre (A) (X)	77	15.6	9.0	12.3	–	24.6	21	4.6	2	–	–	14	–	6	3	7	4	0	–	0	0	0	0	0	–	–	0	4.22	–	-
Northolt	34	15.4	7.1	11.3	–	24.7	21	0.0	9	–	–	9	–	5	3	5	2	0	0	0	1	0	0	0	4	1	0	–	–	-
Northwood	85	14.7	7.2	10.9	–	23.5	21	0.0	9	–	–	10	–	5	3	7	2	0	0	0	0	0	0	0	–	–	0	–	–	-
St James's Park	9	15.8	8.5	12.1	-0.9	24.3	21	3.2	10	12.7	11.4	16	33	7	3	8	4	–	0	–	–	–	–	0	2	–	–	–	–	-
Waltham Cross	32	(15.3)	–	–	–	24.0	21	–	–	11.7	–	22	–	8	3	7	4	–	0	–	–	–	–	–	5	–	–	3.59	–	S
Wiltshire																														
Boscombe Down (A)	126	15.5	6.8	11.1	-0.1	22.6	21	0.3	2	–	–	14	26	5	15	8	5	–	–	–	–	–	–	0	–	–	–	–	–	-
Lacock	49	15.6	6.6	11.1	+0.2	22.8	21	1.0	2	–	–	5	10	3	3	6	2	0	0	0	0	0	0	0	5	–	0	–	–	-
Larkhill	132	15.1	6.7	10.9	-0.1	22.3	21	1.4	6	–	–	12	–	7	15	5	3	–	–	–	–	–	–	0	–	–	–	–	–	-
Lyneham (A)	145	15.0	6.9	10.9	-0.1	22.6	21	1.5	6	–	–	8	14	3	15	5	3	0	0	0	0	0	0	0	3	0	0	4.81	75	-
Marlborough	129	15.5	5.7	10.6	-0.1	22.9	21	0.3	10	–	–	9	15	4	15	5	3	0	0	0	0	0	0	0	–	–	0	4.45	(73)	-
Netheravon	129	14.6	5.6	10.1	–	22.1	21	-0.5	2	–	–	10	–	4	15	4	3	–	–	–	–	–	–	1	–	–	–	–	–	-
Berkshire																														
Arborfield	49	15.2	6.4	10.8	–	23.8	21	-1.4	9	–	–	11	–	3	16	9	5	0	0	0	0	1	2	5	–	0	4.71	–	-
Easthampstead	74	15.2	5.9	10.5	–	24.1	21	-2.3	9	11.5	10.5	6	–	3	3	6	2	0	0	1	0	0	0	3	7	5	0	4.53	–	-
Hurley	43	15.0	6.7	10.9	-0.6	22.8	21	-1.1	9	11.7	–	5	9	2	3	6	3	0	0	0	0	0	1	1	4	–	0	4.41	72	-
Lambourn (Warren Farm)	192	14.0	6.2	10.1	–	22.0	21	1.3	2	10.7	–	13	–	4	16	10	5	–	0	–	–	–	–	0	–	–	–	–	–	-
Reading	66	15.2	7.4	11.3	–	23.1	21	0.4	9	11.1	10.1	7	–	3	16	5	3	0	0	0	0	0	0	0	7	2	0	3.83	–	S
Surrey																														
Merrist Wood	45	–	–	–	–	–	–	–	–	–	–	11	–	3	3	8	5	0	–	0	0	0	–	–	–	–	0	–	–	-
Mickleham	55	15.5	5.5	10.5	-0.6	23.7	21	-2.5	9	11.9	10.5	18	34	6	3	8	4	0	0	1	0	0	0	2	5	–	0	–	–	-
Wisley	32	15.7	6.6	11.1	-0.8	24.0	21	-1.4	9	11.5	10.8	13	24	5	3	8	5	0	0	0	0	1	2	6	–	0	4.09	64	S
Kent																														
Anvil Green	139	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Charing	91	–	–	–	–	–	–	–	–	–	–	28	–	13	5	11	7	–	–	–	–	–	–	–	–	–	–	–	–	-
East Malling (A)	33	14.6	6.1	10.3	-1.2	23.3	21	-0.2	9	11.5	10.7	20	44	6	5	9	4	–	0	–	–	–	0	1	5	3	–	4.40	67	-
Edenbridge	45	14.9	5.1	10.0	–	23.2	21	-2.0	9	–	–	19	–	5	3	7	5	0	0	0	0	0	–	2	–	–	0	–	–	-
Elmstone	5	14.7	5.6	10.1	–	23.3	21	-1.5	9	–	–	22	–	10	5	8	4	0	0	0	0	0	0	2	–	–	0	–	–	-
Folkestone	31	13.8	6.4	10.1	–	21.0	22	2.2	18	–	10.7	31	–	11	5	9	6	0	0	0	0	0	0	0	0	–	0	5.73	79	-
Goudhurst	85	15.1	5.1	10.1	-1.0	22.7	21	-1.2	9	–	–	25	47	5	3, 5	12	7	0	0	0	0	0	0	3	11	–	0	–	–	-
Hadlow College	27	15.1	5.1	10.1	–	23.9	21	-0.5	10,18	11.2	–	21	–	5	4	10	6	0	0	1	0	0	0	2	–	–	0	3.83	–	-
Herne Bay	27	13.6	7.4	10.5	–	22.6	21	3.0	7	11.8	10.1	17	–	8	5	7	3	0	0	0	0	0	0	0	2	0	0	5.17	–	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average *	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall (09 to 09 GMT) Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average *	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																														
Kent - Continued																														
Manston (A)	44	13.8	6.9	10.3	-1.2	23.0	21	2.7	18	11.9	—	25	67	10	4	7	5	—	0	—	—	—	—	0	2	0	—	5.32	—	-
Margate, North Down	40	13.6	7.5	10.5	—	22.9	21	4.5	18	13.4	11.8	20	—	9	5	7	4	0	0	0	0	0	0	0	1	—	0	—	—	-
Ulcombe	47	—	—	—	—	—	—	—	—	—	—	23	—	10	5	12	7	—	—	—	—	—	—	—	—	—	—	—	—	-
Wye	56	14.5	5.4	9.9	-1.6	23.4	21	-0.5	18	11.2	10.4	23	48	13	5	8	4	0	0	0	0	0	1	—	6	—	0	(4.56)	69	-
Hampshire																														
Alice Holt Lodge	115	15.5	6.0	10.7	-0.4	23.6	21	-1.0	10	—	—	13	20	3	16	10	5	0	0	0	0	1	0	2	8	—	0	3.99	63	S
Butser, Windmill Hill	160	15.5	6.4	10.9	—	22.0	21	-0.5	10	11.7	10.3	6	—	3	3	5	2	0	0	0	0	0	1	9	—	0	—	—	-
Everton	16	15.5	7.0	11.3	-0.1	21.7	22	2.4	2, 6	—	—	4	8	2	6	5	2	0	0	0	0	0	0	0	5	—	0	5.81	81	-
Hayling Island	4	14.9	8.1	11.5	-0.4	22.2	22	3.2	10	—	—	10	21	3	3	7	3	0	0	0	0	0	0	0	—	—	0	5.72	78	-
Kingsclere, Strattons Farm	102	15.1	6.5	10.8	—	24.1	21	0.1	10	—	—	10	—	2	15	8	5	0	0	0	0	0	0	0	8	—	0	—	—	-
Leckford	117	15.6	6.6	11.1	0.0	23.0	21	0.5	2	11.0	—	6	10	2	3	6	2	0	0	0	0	0	0	0	—	—	0	5.61	88	-
Long Sutton	145	14.8	6.4	10.6	(-0.6)	22.4	21	-0.2	2	11.8	10.3	11	19	4	16	7	4	0	0	0	0	0	1	5	2	0	4.21	67	-
Martyr Worthy	84	15.8	6.2	11.0	(-0.2)	23.0	21	-0.5	10	—	—	5	—	2	3	6	2	0	0	0	0	0	1	7	—	0	—	—	-
Middle Wallop	90	15.6	7.0	11.3	—	23.3	21	1.6	7	—	—	11	—	4	3	8	5	—	—	—	—	—	0	—	—	—	—	—	-
Odiham	118	14.8	6.9	10.9	—	22.9	21	0.9	9	—	—	11	—	4	16	7	5	0	0	0	0	0	0	3	1	0	4.65	—	-
Otterbourne	34	16.1	6.7	11.4	—	23.8	21	0.4	10	12.6	10.8	6	—	1	3	8	2	—	0	—	—	—	—	0	2	—	—	—	—	-
Solent M R S C	9	15.6	8.0	11.8	—	22.6	22	2.2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	3	—	—	—	—	-
Southampton																														
Mayflower Park	3	16.5	8.1	12.3	—	22.5	22	2.5	2	12.9	11.7	11	—	7	7	6	3	0	0	0	0	0	0	0	2	0	0	5.22	—	-
Weather Centre (X)	19	16.4	8.5	12.5	—	22.8	21	3.0	2	—	—	11	—	7	7	7	3	0	—	0	0	0	0	0	—	0	0	—	—	-
South Farnborough	69	15.3	6.4	10.9	-0.8	23.8	21	-1.2	9	—	—	9	—	3	3	9	3	—	—	—	—	—	—	2	—	—	—	—	—	-
Southsea	2	15.3	8.3	11.8	-0.5	22.0	22	3.2	2	13.0	11.6	7	15	3	3	5	2	0	0	0	0	0	0	1	—	0	5.75	80	-
Sparsholt	113	15.4	6.5	10.9	—	23.4	21	1.0	2	—	—	4	7	2	7	5	2	0	0	0	0	1	0	2	—	0	—	—	-
Isle of Wight																														
Ryde	4	15.1	8.2	11.7	-0.4	21.8	22	3.6	2	—	—	9	17	3	6	4	4	0	0	0	1	0	0	0	—	—	0	5.72	80	-
St Catherines Point	16	13.6	8.0	10.8	—	20.2	22	3.4	2	—	—	9	19	3	3	9	4	0	0	0	0	1	0	0	—	—	0	—	—	-
Sandown	4	15.1	7.3	11.2	-0.8	21.9	22	1.3	10	—	—	9	—	3	3	5	3	0	0	0	0	0	0	0	—	—	0	4.94	65	-
Shanklin	55	14.7	7.0	10.9	-0.4	21.6	21	1.5	9	—	—	8	15	3	3	7	3	0	0	0	0	0	0	0	—	—	0	6.19	78	-
Ventnor Park	135	14.7	7.7	11.2	-0.3	20.8	22	3.0	2	12.9	—	11	22	4	6	7	3	0	0	0	0	0	0	0	—	—	0	6.34	86	-
Wellow	25	15.2	6.6	10.9	—	21.6	22	0.4	10	—	—	6	—	3	6	5	2	—	—	—	—	—	—	0	—	—	—	—	—	-
West Sussex																														
Bognor Regis	7	14.2	7.6	10.9	-0.7	21.6	22	3.0	10	—	11.3	16	32	5	7	8	4	0	0	0	0	0	0	0	—	0	5.87	80	-
Gatwick Airport (A)	59	15.1	6.0	10.5	-0.8	22.7	21	-1.0	9	12.2	—	20	37	7	3	8	5	0	0	0	0	0	2	4	1	0	4.51	67	-
Rogate	64	(16.0)	(6.3)	11.1	—	22.5	21	2.0	2	(12.2)	—	9	—	3	4	6	4	0	0	0	0	—	0	0	—	0	(2.95)	—	S
Rustington	3	14.7	6.2	10.5	—	21.2	22	1.2	10	—	10.7	15	—	5	3	10	7	0	0	0	0	0	0	5	—	0	5.51	—	-
Worthing	2	14.8	6.7	10.7	—	22.2	22	2.0	3,10	12.1	—	15	—	5	3	10	5	0	0	0	0	0	0	2	—	0	5.40	73	-
East Sussex																														
Bexhill	4	13.7	7.2	10.5	-1.2	19.9	21	3.2	9	12.0	11.1	20	44	5	5	9	6	0	0	0	0	0	0	1	—	0	4.41	63	-
Brede	82	—	—	—	—	—	—	—	—	—	—	18	—	7	5	8	6	—	—	—	—	—	—	—	—	—	—	—	—	-
Brighton	116	14.5	6.7	10.6	—	21.9	22	2.1	3	—	—	18	—	5	3	10	6	0	0	0	0	0	0	1	—	0	—	—	-
Eastbourne	7	14.2	7.7	10.9	-0.9	20.5	23	3.9	9	11.6	11.3	16	33	4	3	9	6	0	0	1	0	0	0	0	—	0	5.21	69	-
East Hoathly	38	15.0	5.1	10.1	—	22.0	22	-1.2	10	—	—	19	—	4	3	9	9	0	0	—	—	—	—	2	11	1	—	4.02	—	-
Hastings	45	13.6	7.1	10.3	-1.5	19.9	22	3.1	9	12.3	11.3	22	46	9	5	8	7	0	0	0	0	0	0	0	0	0	0	4.77	68	-
Herstmonceux (A)	17	14.3	5.9	10.1	—	20.9	21	1.5	10	—	—	16	—	4	3	10	6	0	0	0	0	0	0	3	0	0	0	4.63	—	-
Plumpton	76	15.1	6.2	10.7	—	22.8	22	0.8	9	—	—	18	27	6	3	9	7	0	0	0	1	0	0	5	—	0	4.13	—	-
7A ENGLAND NW & I.o.M.																														
Cumbria																														
Aspatria	61	14.7	6.7	10.7	—	19.5	27	-1.1	8	—	—	18	—	4	12	9	7	0	0	0	0	0	1	6	—	0	5.32	—	-
Carlisle (A)	26	14.7	6.8	10.7	+0.1	19.8	24	0.0	8	—	—	18	33	4	12	10	6	—	—	—	—	—	0	—	—	—	—	—	-
Casterton	129	13.8	5.7	9.7	—	18.5	24	0.1	2	—	—	19	—	4	12	10	7	0	0	0	0	0	0	9	—	0	—	—	-
Eskmeals (A)	8	13.8	6.9	10.3	—	16.4	29	0.3	6	11.5	10.3	16	—	6	13	8	5	—	0	—	—	—	0	—	—	—	—	—	-
Grizedale	91	14.6	6.0	10.3	—	21.1	24	0.5	1,29	10.9	—	36	33	16	27	8	5	0	0	0	0	0	0	11	—	0	—	—	-
Newton Rigg	171	14.7	6.0	10.3	+0.3	20.3	24	0.4	9	11.4	—	12	20	4	6	7	5	0	0	0	0	0	0	6	—	2	4.33	75	-
Sellafield (A)	22	(14.4)	(5.8)	10.1	—	(21.0)	27	0.6	18	—	—	16	—	5	3,13	7	4	—	—	—	—	—	0	(7)	—	—	4.98	—	-
Stainburn	26	15.4	7.1	11.3	—	21.5	27	-0.4	9	13.2	—	19	—	5	3	8	6	0	0	0	0	0	1	6	0	0	—	—	-
Whins Pond	125	—	—	—	—	—	—	—	—	—	—	16	—	6	6	10	6	—	—	—	—	—	—	—	—	—	—	—	-
Lancashire																														
Aughton (A)	54	14.0	7.3	10.7	—	17.7	20	1.5	3	11.5	10.3	5	—	3	3	7	1	0	0	0	0	0	0	8	2	0	4.66	—	-
Hazelrigg	95	13.6	6.5	10.1	—	17.3	27	0.9	6	10.5	9.4	19	—	6	12	9	7	0	0	0	0	0	0	11	4	0	4.28	—	-
Lathom Park	55	14.2	7.1	10.7	—	18.4	27	1.0	6	12.4	—	5	—	3	3	6	2	0	0	0	0	—	0	—	—	0	4.28	—	S
Morecambe	7	14.3	8.1	11.2	-0.4	18.3	29	3.5	9	—	—	26	41	14	27	9	4	0	0	0	0	0	0	—	—	0	4.49	71	-
Myerscough	14	15.5	6.4	10.9	—	18.8	26	-0.5	6	12.4	10.8	9	—	2	18	7	5	0	0	0	0	0	—	2	11	—	0	4.43	—	S
Preston	33	14.7	7.0	10.9	-0.2	18.4	24	1.2	3	—	—	11	17	2	18	9	6	0	0	0	0	0	0	—	—	0	—	—	-
Slaidburn	192	14.1	6.1	10.1	+0.2	19.3	24	0.0	6	—	—	14	16	5	12	9	3	0	0	0	0	0	0	11	—	0	4.51	79	S
Squires Gate Airport (A)	10	13.5	7.1	10.3	-0.6	16.5	27	0.1	9	—	—	7	13	3	3	5	4	0	0	0	0	0	0	7	1	0	4.90	72	-
Merseyside																														
Aigburth (A)	12	14.7	8.1	11.4	—	19.8	12	1.8	6	—	—	10	—	7	3	7	2	0	0	0	0	0	0	3	0	0	—	—	-
Bidston	60	14.2	8.6	11.4	—	19.5	12	4.4	6	—	—	8	17	5	3	7	1	0	0	0	0	0	0	2	—	0	4.40	—	-
Crosby	6	13.9	7.1	10.5	—	17.8	29	-0.5	8	—	—	6	—	5	3	4	1	0	—	0	0	0	0	1	—	—	0	—	—	-
Southport, Greenbank	15	13.8	7.8	10.8	—	17.1	27,29	2.1	3	11.8	10.8	6	—	3	3	4	3	0	0	0	0	0	0	4	0	0	4.48	—	-
Greater Manchester																														
Bolton	107	14.7	—	—	—	18.3	27	—	—	—	—	(14)	—	(4)	12	8	6	—	0	—	—	—	—	—	—	—	—	—	—	S
Manchester Ringway Airport (A)	75	14.8	7.1	10.9	-0.5	19.7	24	1.2	2	—	—	8	14	3	3	8	3	0	0	0	0	0	0	7	1	0	3.59	60	-
Cheshire																														
Bradeley Green	115	(14.3)	(6.6)	10.5	—	20.4	20	1.4	3, 6	—	—	10	—	6	3	5	3	0	0	0	0	—	0	—	—	0	—	—	-
Delamere Forest	68	15.8	(6.5)	11.1	—	20.7	19	-1.2	3	—	—	7	—	5	3	2	2	0	0	0	0	—	1	4	—	0	—	—	-
Knutsford	65	15.3	6.9	11.1	(-0.3)	20.3	12	0.9	2	11.4	10.1	9	—	3	3	6	3	0	0	0	0	—	0	7	—	0	—	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average *	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average *	Exposure
7A ENGLAND NW & I.o.M. - Continued																														
Cheshire - Continued																														
Macclesfield	143	(14.3)	(6.1)	10.2	−0.8	19.4	24	−1.1	2	–	–	14	21	5	3	9	3	0 0	0	0 0	0	–	2	–	–	0	–	–	–
Nantwich, Reaseheath Hall	40	(15.6)	6.6	11.1	–	21.0	20	0.0	2	–	–	8	–	5	3	5	2	0 0	0	0 0	0	–	0	(7)	–	0	–	–	–
Ness Gardens	30	14.5	7.5	11.0	–	19.7	20	2.0	6	12.3	–	11	–	9	3	5	1	0 0	0	0 0	0	0	0	8	–	0	4.22	–	S
Isle of Man																														
Douglas	85	13.8	7.7	10.7	+0.5	18.5	20	2.8	9	–	–	20	30	15	3	5	3	0 0	0	0 0	0	0	0	1	–	0	6.17	89	–
Point of Ayre (A)	9	14.3	7.7	11.0	+0.4	19.2	20	1.9	9	–	–	11	20	7	3	5	2	0 0	0	0 0	0	1	0	–	–	0	6.21	88	–
Ronaldsway Airport (A)	16	14.0	7.8	10.9	+0.7	18.4	27	2.0	9	–	–	18	36	12	3	5	3	0 0	0	0 0	0	0	0	4	0	0	6.72	98	–
7B WALES N																														
Gwynedd																														
Aber	10	–	8.1	–	–	–	–	3.6	9	11.9	–	32	–	14	6	9	4	0 0	1	0 0	0	0	0	–	–	0	5.53	–	–
Amlwch, Anglesey	114	12.9	7.6	10.3	–	17.6	23	4.0	9	–	–	8	–	3	3	6	4	0 0	0	0 0	1	0	0	1	–	0	–	–	–
Arthog, Fegla Fach Farm	7	15.0	7.3	11.1	–	20.8	27	1.7	2, 6	–	–	18	–	7	13	7	4	0 0	0	0 0	1	0	0	–	–	0	–	–	–
Bala	163	14.1	5.7	9.9	–	20.4	24,27	−1.9	2	11.3	9.8	9	11	7	3	8	1	0 0	0	0 0	0	0	5	8	4	0	4.27	–	–
Betws-y-Coed	20	16.9	6.8	11.9	–	22.7	27	0.7	6	12.6	10.3	29	–	20	3	4	3	0 0	0	0 0	0	0	0	8	0	0	–	–	–
Botwnnog	34	14.4	6.5	10.5	–	18.9	23	0.8	9	13.2	11.7	13	–	5	3	6	3	0 0	0	0 0	0	0	0	5	–	0	–	–	–
Dinorwic	296	13.3	6.8	10.1	–	18.6	27	2.5	8	–	–	63	–	31	3	10	5	0 0	0	1	0	–	0	6	–	0	–	–	–
Llanymawddwy	145	14.7	6.5	10.6	–	20.7	24	−0.9	9	–	–	18	–	9	3	7	3	0 0	0	0 0	0	2	5	–	–	0	–	–	–
Nantmor	58	15.3	7.9	11.6	–	21.9	27	3.4	9	–	–	43	–	21	3	11	5	0 0	0	0 0	1	0	–	–	–	0	–	–	–
Pen-y-Ffridd	84	14.9	7.7	11.3	+0.3	19.2	23	3.5	6	–	–	30	41	11	6	9	5	0 0	0	0 0	0	0	0	7	–	0	4.96	77	S
Trawsfynydd (A)	193	14.3	5.8	10.1	–	21.0	27	0.7	6	–	–	25	–	9	13	10	4	– 0	–	– –	–	3	0	11	3	–	–	–	–
Valley (A)	10	14.0	8.0	11.0	−0.1	18.6	23	2.5	9	12.5	–	13	23	8	3	6	3	0 0	0	1	0	1	0	1	0	0	6.35	89	–
Clwyd																														
Alwen	335	12.6	5.0	8.8	+0.3	18.6	27	−1.5	9	–	–	38	46	25	3	8	4	0 0	0	0 0	0	0	5	7	–	0	–	–	–
Colwyn Bay	36	13.8	7.8	10.8	–	20.4	12	2.8	8	11.5	–	33	–	12	3	9	5	0 0	0	0 0	0	0	0	–	–	0	5.04	–	–
Cynwyd	208	13.9	–	–	–	19.6	21,27	–	–	–	–	11	–	5	3	5	4	– –	–	– –	–	–	–	9	–	–	–	–	–
Hawarden Bridge	5	15.5	8.1	11.8	+0.1	22.6	20	1.8	3, 6	–	–	11	20	8	3	6	1	0 0	0	0 0	0	0	0	–	–	0	–	–	–
Llanarmon Dyffryn Ceiriog	267	13.3	5.8	9.5	–	19.4	21	−0.8	9	–	–	12	–	8	3	4	2	0 0	0	0 0	0	0	1	–	–	0	–	–	–
Loggerheads	210	13.7	5.7	9.7	0.0	19.8	20	−1.4	2	10.3	9.3	16	24	12	3	6	3	0 0	0	0 0	0	0	3	11	–	0	3.83	–	S
Moel-y-Crio	263	13.5	6.1	9.8	–	19.6	20	1.1	2	11.1	–	19	–	15	3	7	4	0 0	0	0 0	0	3	0	8	–	0	4.01	–	–
Prestatyn	4	13.4	8.6	11.0	−0.3	17.4	20	3.3	9	–	–	10	21	8	3	3	1	0 0	0	0 0	0	0	0	–	–	0	–	–	–
Ruthin	76	15.4	6.5	10.9	(+0.3)	21.5	20	−0.2	2	–	–	24	45	15	3	4	3	0 0	0	0 0	0	0	1	–	–	0	4.12	–	S
Powys (North)																														
Lake Vyrnwy	360	14.5	(5.5)	10.0	–	21.0	24	−1.4	9	–	–	10	–	7	3	5	3	– 0	–	– –	–	–	2	–	–	–	–	–	–
Llanfair Caereinion	236	14.6	6.2	10.4	–	21.6	24	1.3	9	11.1	–	8	–	2	7	7	4	0 0	0	0 0	0	0	0	4	–	0	–	–	–
Machynlleth	76	15.4	6.2	10.8	–	21.7	24	−0.5	2	–	–	19	–	9	13	7	5	0 0	0	0 0	0	0	1	3	–	0	–	–	–
Moel Cynnedd	358	13.8	4.1	8.9	–	20.0	24	−2.1	2	9.0	–	12	–	5	13	7	3	0 0	0	0 0	0	0	6	13	–	0	–	–	–
Newtown	120	15.9	–	–	–	22.2	24	–	–	–	–	9	–	5	3	5	2	0 0	0	0 0	0	–	–	10	–	0	–	–	–
8A WALES S																														
Dyfed																														
Aberporth (A)	134	12.6	7.6	10.1	−0.5	16.4	23	1.0	9	11.9	–	9	–	4	6	7	3	0 0	0	0 0	0	2	0	2	1	0	6.20	93	–
Brawdy (A)	111	13.5	6.5	10.0	–	19.0	23	2.0	9	–	–	9	13	4	3	6	3	0 0	0	0 0	0	3	0	6	1	0	7.18	–	–
Carmarthen Museum	9	(16.5)	(6.1)	11.3	–	22.1	24	−0.3	9	–	–	6	–	3	13	4	3	0 0	0	0 0	0	–	1	(10)	–	0	–	–	–
Cwmystwyth	301	13.1	5.1	9.1	–	19.5	27	−1.4	2	–	–	27	–	8	6	10	5	– 0	–	– –	–	–	3	12	–	–	4.64	–	S
Dale Fort	33	14.6	7.6	11.1	−0.1	19.6	23	3.7	9	12.0	–	5	10	2	3	6	2	0 0	0	0 0	0	1	0	2	–	0	7.52	100	–
Gogerddan	31	14.1	6.6	10.3	−0.6	19.1	27	0.6	6	12.1	–	22	–	6	6	7	6	0 0	0	0 0	0	0	0	7	–	0	5.42	87	–
Milford Haven (A)	37	14.5	7.6	11.1	(0.0)	20.9	23,24	2.9	9	–	–	8	–	4	6	5	2	0 0	0	0 0	0	0	0	2	0	0	–	–	–
Orielton	61	14.7	7.3	11.0	–	20.5	23	2.4	9	11.9	–	5	–	2	3	5	2	0 0	0	0 0	0	0	0	5	–	0	–	–	–
Rhandirmwyn	168	14.7	5.5	10.1	–	20.2	21	−0.5	9	–	–	15	–	7	6	5	4	0 0	0	0 0	0	–	1	–	–	0	–	–	–
Saron	152	14.8	6.1	10.5	–	19.4	23	0.9	9	–	–	15	–	7	3	7	3	0 0	0	0 0	0	0	0	8	–	0	–	–	–
Scolton Country Park	77	15.4	5.9	10.7	–	20.7	23	−1.0	9	–	–	9	–	5	3	5	3	0 0	0	0 0	0	0	1	9	–	0	–	–	–
Skokholm Island	34	12.7	8.0	10.3	–	17.8	23	3.8	9	–	–	7	–	4	7	4	2	0 0	0	0 0	0	2	0	(1)	–	1	–	–	–
St Clears	40	16.3	6.4	11.3	–	22.0	29	−1.0	9	–	–	8	–	3	3	6	3	0 0	0	0 0	0	–	2	–	–	0	–	–	–
Swyddffynnon	168	13.7	5.6	9.7	–	19.9	27	−1.4	6	–	–	17	–	8	6	7	5	0 0	0	0 0	0	0	4	9	–	0	4.75	–	–
Talgareg	198	14.0	4.8	9.4	–	18.5	27	−1.3	9	–	–	19	–	9	3	9	4	0 0	0	0 0	0	1	2	5	–	1	–	–	–
Tenby	5	15.6	7.3	11.5	–	21.5	23	−0.2	9	–	–	3	–	1	3, 6	3	2	0 0	0	0 0	0	0	1	–	–	0	7.07	–	–
Towy Castle	88	15.0	6.9	10.9	–	20.1	24	2.3	5	11.4	10.4	7	–	2	13	8	3	0 0	0	0 0	0	0	0	9	0	0	6.71	–	–
Whitechurch	129	14.5	5.8	10.1	–	19.5	23	−1.1	9	12.7	10.7	12	–	6	6	6	2	0 0	0	1	1	0	1	10	–	0	–	–	–
Powys (South)																														
Bronydd Mawr	330	14.2	4.8	9.5	–	20.4	24	0.2	2	–	–	11	–	6	6	6	3	0 0	0	0 0	0	0	0	12	–	0	4.92	–	–
Llangenny	122	15.9	6.7	11.3	–	22.6	21	1.0	3	–	–	6	–	3	6	3	3	0 0	0	0 0	0	0	0	–	–	0	–	–	–
Llangunllo	310	13.6	5.8	9.7	–	19.7	21	0.0	2	9.2	–	8	–	6	3	3	2	0 0	0	0 0	0	0	0	10	–	0	–	–	–
Llysdinam	200	15.8	5.7	10.7	–	22.7	24	−0.9	2	12.0	–	7	–	4	6	5	3	0 0	0	0 0	0	0	2	10	–	0	–	–	–
Pencelli	160	15.5	5.6	10.5	–	22.2	21	0.4	9	–	–	8	–	5	6	4	2	0 0	0	0 0	0	–	0	11	2	0	4.59	–	S
Presteigne	175	15.3	5.2	10.3	–	22.8	21	−0.8	9	–	–	7	–	4	3	4	2	0 0	0	0 0	0	0	1	4	–	0	–	–	S
St Harmon	279	14.1	4.4	9.3	–	21.1	24	−2.4	2	–	–	13	–	7	6	4	3	0 –	0	0 0	0	–	7	10	–	0	–	–	–
Velindre	152	15.6	6.2	10.9	–	22.6	21	0.1	9	11.8	10.4	6	–	2	6	4	3	0 0	0	0 0	0	0	0	9	–	0	–	–	–
West Glamorgan																														
Mumbles Head	35	14.9	8.3	11.6	(+0.4)	22.6	24	4.5	7	–	–	–	–	–	–	–	–	0 0	1	0 0	0	3	0	0	0	0	–	–	–
Neath	62	16.4	8.0	12.2	+0.4	23.0	24	3.2	2	–	–	5	6	3	6	5	2	0 0	0	0 0	0	0	0	1	–	0	–	–	–
Penmaen	87	15.6	7.6	11.6	–	22.3	24	3.5	2, 5	12.5	11.5	4	–	1	13	4	2	0 0	0	0 0	0	1	0	2	0	0	6.75	–	–
Swansea	10	16.5	8.7	12.6	+0.5	23.4	24	4.3	6	14.3	12.6	6	8	3	6	5	2	0 0	0	0 0	0	0	0	0	0	0	6.43	–	–
Mid Glamorgan																														
Cilfynydd (A)	194	15.8	6.8	11.3	–	22.6	20	1.4	2	–	–	2	–	1	6	3	2	0 0	0	0 0	0	0	0	4	1	0	–	–	–
Cwmbargoed	372	14.2	5.5	9.9	–	21.0	24	0.9	2	–	–	6	–	2	3	5	2	0 –	–	– –	–	–	0	14	–	–	–	–	–
Porthcawl	6	16.1	7.5	11.8	–	22.4	23	3.2	6	–	–	5	9	1	3	5	5	– –	–	– –	–	–	0	–	–	–	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
8A WALES S - Continued																														
South Glamorgan																														
Cardiff																														
Bute Park	9	16.7	8.2	12.5	–	23.2	24	0.6	2	13.0	11.4	3	–	2	6	4	1	–	0	–	–	–	0	0	3	–	–	–	–	S
Weather Centre (X)	58	16.7	9.2	12.9	–	23.3	24	5.5	2, 5	–	–	2	–	1	6	3	1	0	–	0	0	0	0	0	–	–	0	–	–	–
Flat Holm	15	13.8	8.7	11.3	–	18.5	27	5.5	1, 5, 9	–	–	4	–	3	3	2	2	0	0	0	0	3	0	0	0	–	0	–	–	–
Rhoose Airport (A)	65	15.2	7.3	11.3	+0.2	20.3	27	1.9	2, 5	–	–	5	–	2	3	4	2	0	0	0	0	0	2	0	6	–	0	5.67	86	–
Gwent																														
Crossway	140	16.0	6.3	11.1	–	25.0	21	2.5	9,15	–	–	9	–	5	3	3	3	0	0	0	0	0	0	0	–	–	0	–	–	–
Llanishan	180	15.1	7.4	11.3	–	23.0	22	3.0	2	–	–	13	–	6	6	4	3	–	–	–	–	–	0	0	–	–	–	–	–	–
Tredegar, Bryn Bach Park	380	14.8	5.0	9.9	–	21.4	21	0.5	2	–	–	8	–	4	3	5	2	–	0	–	–	–	0	0	8	–	–	–	–	–
Usk	21	17.0	7.0	12.0	–	24.2	21	–0.2	2	13.2	–	5	–	4	3	3	2	–	0	–	–	–	0	1	10	–	–	–	–	–
8B ENGLAND SW																														
Avon																														
Bristol																														
Weather Centre (A) (X)	42	15.9	9.0	12.5	–	21.9	24	4.3	2	–	–	10	–	4	3, 6	5	2	0	–	0	0	0	0	0	–	0	0	5.18	–	–
Long Ashton	51	14.9	8.0	11.5	0.0	20.6	24	3.5	2	–	–	9	14	5	3	6	2	0	0	0	0	0	–	0	1	–	0	–	–	–
Weston Super Mare	5	15.7	7.4	11.5	–	22.3	25	1.5	2	–	–	5	–	2	3	3	2	0	0	0	0	0	–	0	–	–	0	(4.92)	–	S
Somerset																														
Brymore	23	16.5	7.8	12.1	–	22.8	24,25	2.5	2	13.4	–	8	–	4	3	3	2	0	0	0	0	0	1	0	2	0	0	5.59	–	S
Castle Cary	135	14.9	6.8	10.9	–	20.9	24	2.3	2, 5	–	–	7	–	3	3	4	3	0	0	0	0	1	3	0	3	–	0	–	–	–
Downside Abbey	183	15.1	6.9	11.0	–	21.0	21	1.5	2	–	–	13	–	5	6	5	4	–	0	–	–	–	–	0	–	–	–	–	–	–
Minehead	10	15.8	8.6	12.2	–	22.1	24	4.7	9	13.1	11.5	5	–	4	3	4	1	0	0	0	0	0	0	0	3	0	0	6.49	–	–
Nettlecombe	96	15.5	(6.0)	10.7	–	22.2	25	–0.1	2	13.4	–	10	–	6	3	4	2	0	0	0	0	2	1	0	6	–	0	–	–	–
Nettlecombe (Birds Hill)	280	13.3	7.4	10.3	–	19.7	24	3.9	2, 5	10.8	–	9	–	5	3	5	2	0	0	0	0	1	0	0	3	–	0	–	–	–
Rodney Stoke	40	15.4	7.7	11.5	–	21.6	24	2.4	2	12.9	10.8	11	–	5	3	5	4	0	0	0	0	2	0	0	4	–	0	–	–	–
Tivington	82	15.1	7.2	11.1	–	21.4	24	2.7	2	12.8	11.2	10	–	5	3	5	3	0	0	0	0	3	0	0	0	0	0	–	–	–
Yeovilton (A)	18	15.8	7.2	11.5	(+0.1)	21.4	24,25	2.0	2	12.9	–	12	–	5	6	4	3	0	0	0	0	0	0	0	1	–	0	4.17	–	–
Dorset																														
Bournemouth																														
Hurn Airport (A)	10	16.3	6.4	11.3	0.0	23.6	21	–0.6	10	12.1	–	11	19	5	7	4	4	0	0	0	0	0	1	0	9	3	0	5.67	–	–
Kings Park	27	16.2	7.3	11.7	–	22.9	22	2.0	2,10	13.5	12.0	7	–	3	7	4	3	0	0	0	0	0	0	0	0	0	0	6.29	–	–
Christchurch	4	15.7	7.8	11.7	+0.2	21.3	23	2.6	10	–	–	8	15	3	7	5	3	0	0	0	0	0	0	0	3	–	0	–	–	–
Fontmell Magna	95	16.1	6.4	11.3	–	22.7	21	–0.7	2	–	–	10	–	5	7	6	3	0	0	1	0	0	3	1	–	–	0	–	–	–
Lower Kingcombe	122	15.2	5.7	10.5	–	21.7	21	0.2	3	–	–	16	–	8	7	4	4	0	0	2	0	0	0	0	6	–	0	–	–	–
Poole	5	16.8	8.4	12.6	(+0.9)	23.6	21	3.6	10	–	–	7	–	3	3	5	3	0	0	0	0	0	0	0	0	–	0	5.67	(80)	–
Portland Bill																														
(Coastguard) (A)	53	14.1	7.5	10.8	–	19.6	22	4.2	2, 5	–	–	3	–	1	3	4	1	0	0	0	0	0	1	0	0	0	0	5.99	–	–
Swanage	11	15.0	8.4	11.7	+0.3	21.8	22	4.4	6	–	11.6	7	14	3	7	5	3	0	0	0	0	0	0	0	0	–	0	6.10	83	–
Weymouth	21	15.8	7.5	11.7	–	22.7	22	2.5	3	–	–	6	–	4	7	4	2	0	0	0	0	0	0	0	–	–	0	5.69	–	–
Winfrith	26	16.0	7.2	11.6	(+0.4)	22.0	21	1.9	10	–	–	9	–	6	7	6	2	0	0	0	0	0	0	0	6	1	0	–	–	–
Devon																														
Burrington	199	14.2	6.9	10.5	–	19.7	26	2.3	2	–	–	12	–	6	6	7	2	–	–	–	–	–	–	0	4	–	–	–	–	–
Chivenor	6	15.4	8.4	11.9	0.0	20.6	24	3.2	9	–	–	9	–	4	3	6	2	–	–	–	–	–	–	0	–	–	–	–	–	–
Dunkeswell	251	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exeter Airport (A)	32	16.6	8.0	12.3	+0.8	24.0	21	2.4	2	–	–	6	11	2	3, 6	3	2	0	0	0	1	0	0	0	3	0	0	5.35	85	–
Exmouth	78	15.6	8.3	11.9	–	21.0	21	4.5	6	–	–	8	–	3	3	5	3	0	0	0	0	0	0	0	–	–	0	5.72	–	–
Gawlish	122	–	–	–	–	–	–	–	–	–	–	3	–	1	13	5	1	–	–	0	0	0	5	–	–	–	0	6.41	–	–
Hemyock	165	15.1	7.1	11.1	–	21.4	25	2.3	2	–	–	12	–	5	7	5	3	–	0	–	–	–	0	0	–	–	–	5.33	–	–
Ilfracombe	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lundy	43	13.6	8.6	11.1	–	19.3	23	5.6	1	–	–	2	–	<1	7	3	0	–	–	–	–	–	–	0	–	–	–	–	–	–
Melbury	143	14.2	6.7	10.5	–	19.5	27	1.0	8	–	–	9	13	6	3	6	3	0	0	0	0	0	–	0	–	–	0	6.33	–	–
North Wyke	177	15.0	6.8	10.9	–	21.2	24	2.3	2	–	–	18	–	12	6	6	3	0	0	1	0	1	1	0	7	–	0	6.06	–	–
Plymouth																														
Mount Batten (A)	27	–	–	–	–	–	–	–	–	–	–	4	7	2	7	3	2	0	–	0	1	1	1	–	–	–	0	7.30	102	–
Princetown	423	12.9	6.1	9.5	–	19.1	22	1.3	7, 8	–	–	13	10	5	3	7	5	0	0	0	0	3	0	0	0	–	0	–	–	–
Rumleigh	23	17.6	7.6	12.6	–	24.0	24	2.2	9	13.2	11.3	9	–	6	7	3	3	0	0	0	1	1	0	0	5	–	0	–	–	–
Saunton Sands	15	–	–	–	–	–	–	–	–	–	–	9	–	3	6	6	4	–	–	–	–	–	–	–	–	–	–	–	–	S
Sidmouth	10	15.7	8.4	12.1	–	20.6	20	3.0	6	–	–	9	16	5	7	4	3	0	0	0	0	0	0	0	–	–	0	–	–	–
Slapton	32	16.5	8.4	12.5	(+1.0)	22.6	23	4.0	3, 5	–	–	4	6	2	11	4	2	0	0	0	0	0	0	0	–	–	0	6.93	–	–
Teignmouth	3	15.8	9.1	12.5	+0.6	21.0	20,24	5.2	9	–	–	9	15	3	7	6	4	0	0	0	0	0	0	0	–	–	0	(6.26)	88	–
Torbay (Torquay)	8	17.0	–	–	–	22.6	24,25	–	–	–	12.4	8	13	3	6	4	3	0	0	0	0	–	–	–	0	–	0	6.15	83	–
Twist	186	16.0	6.9	11.5	–	22.7	21	2.3	1	–	–	19	–	8	7	5	3	0	0	0	0	0	0	0	–	–	1	5.54	–	–
Yarner Wood	198	–	7.2	–	–	–	–	3.0	5, 8, 15	12.3	–	14	–	7	6	5	3	0	0	0	0	0	1	0	6	–	0	6.39	–	S
Cornwall																														
Bastreet	236	14.6	6.2	10.4	–	20.7	24	–0.8	9	–	–	11	10	4	6	5	4	0	0	2	0	0	0	1	2	–	0	7.61	–	S
Bude	15	14.3	7.5	10.9	–0.4	20.5	27	1.4	9	13.1	–	6	12	2	6	9	2	0	0	1	0	0	4	0	–	–	0	6.85	101	–
Camborne (A)	87	13.2	8.3	10.7	–	18.1	23,27	4.0	18	11.9	11.2	6	–	2	3	9	2	0	0	1	0	0	3	0	3	0	0	6.66	–	–
Culdrose (A)	80	14.7	7.9	11.3	+0.4	20.6	23	4.8	10,18	–	–	6	11	3	3	4	2	–	0	–	–	–	–	0	0	–	–	7.50	105	–
Falmouth	51	15.3	8.7	12.0	+0.7	21.0	23,24	4.6	9	–	–	6	10	4	3	4	2	0	0	0	0	0	0	0	1	–	0	6.95	100	–
Gwennap Head	66	14.1	8.2	11.1	–	21.3	22	5.1	10	–	–	1	–	<1	6	1	0	0	0	0	0	0	5	0	–	–	1	–	–	–
Lizard	73	14.8	8.2	11.5	(+0.3)	21.8	22	4.2	10	–	–	6	12	3	7	6	2	–	–	–	–	–	–	0	–	–	–	7.36	(99)	–
Lizard Lighthouse	60	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Newquay	30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Penzance	19	15.9	8.7	12.3	+0.6	22.0	24	3.5	10	–	–	3	4	2	3	5	1	0	0	1	0	0	0	0	–	–	0	7.42	103	–
Scilly (St Mary's)	51	14.1	8.9	11.5	–0.2	19.6	23	5.7	10	–	–	1	–	<1	7	2	0	0	0	0	0	5	0	2	2	0	1	6.77	91	–
St Ives	10	12.7	9.6	11.1	–	16.5	27	7.0	7, 9	–	–	1	–	<1	3,21	2	0	0	0	0	0	2	0	–	–	–	0	6.11	–	–
St Mawgan (A)	103	14.0	7.7	10.9	–0.2	20.0	23	4.1	8	–	–	7	11	4	3	7	2	0	0	0	0	1	3	0	3	0	0	7.15	101	–
Tregastic	110	16.5	7.6	12.1	–	23.0	21,24	3.7	5	–	–	6	–	2	7	5	3	0	0	0	0	1	0	0	3	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
CHANNEL ISLANDS																													
Guernsey																													
Airport (A)	101	13.1	8.1	10.6	-0.7	19.7	25	4.7	3	12.4	11.2	16	32	9	3	5	3	0	0	0	1	0	3	0	4	0	0	5.88	76	-
L'Ancresse	5	13.8	7.4	10.6	—	20.2	25	3.3	10	—	—	10	—	5	3	4	3	0	0	0	0	0	—	0	—	—	0	5.90	—	-
Jersey																													
Airport (A)	84	13.9	8.3	11.1	-0.7	19.9	25	5.4	10	13.2	12.3	13	27	6	3	9	4	0	—	2	0	0	3	0	3	0	0	6.32	82	-
Gorey Castle	79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	—	-
St Helier	54	14.8	8.6	11.7	—	21.0	25	5.5	3	—	—	11	21	6	3	8	3	0	0	0	1	1	1	0	1	—	0	6.45	—	-
Trinity States Farm	107	13.4	(8.0)	10.7	—	19.0	25	5.1	4	13.1	—	11	—	6	3	6	4	0	0	0	0	0	2	0	1	—	0	—	—	-
NORTHERN IRELAND																													
Londonderry																													
Banagher (Caugh Hill)	216	13.2	6.1	9.7	—	18.8	31	1.5	8, 9	—	—	17	—	6	6	13	4	0	0	0	0	0	1	0	3	—	0	4.40	—	-
Carmoney	73	13.5	7.6	10.5	—	18.4	31	3.8	10	—	—	7	—	3	6	8	2	0	0	0	0	0	0	0	1	0	0	4.85	—	-
Castledawson Hillhead	30	16.0	6.2	11.1	—	20.8	31	0.1	8	—	—	8	—	4	18	4	3	0	0	0	0	0	—	0	1	—	0	—	—	-
Coleraine University (A)	23	13.6	6.9	10.3	—	18.1	29,31	-0.9	8	10.9	9.3	15	—	5	3	13	4	0	0	0	0	0	0	2	8	—	0	5.16	—	-
Lough Fea W.Wks	225	13.6	6.4	10.0	—	19.5	31	0.6	1, 8	—	—	7	—	3	6	5	3	0	0	0	0	0	0	0	4	—	0	—	—	-
Moydamlaght	178	13.9	6.7	10.3	—	20.2	31	1.5	8	—	—	18	—	6	3	9	4	0	0	0	0	0	0	0	1	—	0	—	—	-
Moyola Waterworks	17	14.8	4.9	9.9	—	20.0	23	-0.5	8	—	—	9	—	3	18	4	4	0	0	0	0	0	0	1	3	—	0	—	—	-
Antrim																													
Altnahinch	213	12.5	5.4	8.9	—	18.1	31	-0.5	8,10	—	—	26	—	8	3	19	4	0	0	0	0	0	1	2	10	—	0	4.57	—	-
Belfast																													
Aldergrove Airport (A)	68	14.9	7.1	11.0	+0.7	19.4	23	1.8	1, 8	11.3	9.1	7	13	3	18	6	3	0	0	0	0	0	0	0	6	1	0	5.15	86	-
Newforge	40	15.3	7.6	11.5	—	20.1	21	0.5	8	—	—	5	—	3	12	5	1	0	0	0	0	0	—	0	5	—	0	4.17	—	-
Oldparkfilters	58	15.0	7.4	11.2	—	19.6	27	1.5	8	—	—	8	11	3	12	6	2	0	0	0	0	0	0	0	2	—	0	—	—	-
Carnlough	12	14.5	6.2	10.3	—	19.4	19	-1.1	8	—	—	6	—	2	12	9	2	0	0	0	0	0	0	1	—	—	0	—	—	-
Dungonnell Filters	271	12.7	4.9	8.8	—	17.0	31	-2.0	8	—	—	19	—	6	3	9	7	0	0	0	0	0	4	2	6	—	0	—	—	-
Garron Tower	62	13.5	7.5	10.5	—	19.0	19	1.0	8	—	—	7	—	2	3	7	3	0	0	0	0	0	0	0	—	—	0	—	—	-
Greenmount	38	14.9	6.9	10.9	(+0.6)	19.5	23	-0.5	8	12.0	—	7	—	3	18	6	2	0	0	0	0	0	—	1	8	—	0	—	—	-
Jordanstown Rostulla	10	15.6	7.6	11.6	—	20.0	21	1.1	8	—	—	5	—	3	12	4	2	0	0	0	0	0	0	0	0	—	0	—	—	-
Larne Harbour	43	13.8	8.0	10.9	—	19.4	19	1.7	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	—	-
Lowtown	213	13.8	4.7	9.3	—	17.8	31	-2.5	8	10.1	—	13	—	5	12	7	5	0	0	0	0	0	0	3	—	—	0	5.75	—	-
Movanagher Fish Farm	10	14.7	5.9	10.3	—	20.0	22,31	0.0	10	—	—	12	—	4	3	9	4	0	0	0	0	0	0	0	1	—	0	—	—	-
Parkmore Forest	235	13.0	3.9	8.5	—	16.9	19	-2.0	8	9.0	—	23	25	6	3	12	7	0	0	0	0	0	0	5	14	—	0	—	—	-
Woodburn North	217	13.3	5.2	9.3	—	17.5	25	-0.5	8	—	—	10	12	6	12	4	4	0	0	0	0	0	0	1	5	—	0	—	—	-
Down																													
Ballykine Rockvale	125	14.2	6.8	10.5	—	18.0	23	1.8	8	—	—	8	—	2	3	7	4	0	0	0	0	0	1	0	4	—	0	—	—	-
Ballywatticock	6	14.8	7.3	11.1	—	20.6	21	0.3	8	12.1	10.3	7	12	2	3	5	4	0	0	0	0	0	0	0	3	1	0	5.75	—	-
Belfast																													
Ravenhill Road	10	15.5	8.2	11.9	—	20.1	27	1.5	8	—	—	5	—	3	12	5	1	0	0	0	0	0	—	0	1	—	0	—	—	-
Stormont Castle	56	14.6	7.4	11.0	+0.6	19.9	21	0.5	8	12.1	10.5	6	10	3	12	4	2	0	0	0	0	0	0	0	4	—	0	5.67	(96)	-
Bryansford	85	15.2	7.7	11.5	—	20.1	21	1.8	8	12.3	10.5	11	—	4	3	9	3	0	0	0	0	0	0	0	3	0	0	—	—	-
Downpatrick, Killavees	58	15.5	6.8	11.1	—	21.5	20	2.2	8	—	—	5	—	2	3	7	2	0	0	0	0	0	0	0	1	—	0	—	—	-
Helens Bay	43	15.7	7.4	11.5	(+0.8)	20.7	21	1.9	8	12.3	9.7	7	12	3	12	5	2	0	0	0	0	0	0	0	1	—	0	—	—	-
Hillsborough	116	14.0	7.7	10.9	+1.1	18.7	23	1.9	6	10.8	9.3	5	9	2	6	7	1	0	0	0	0	0	0	0	8	—	0	5.44	93	-
Killough	15	14.3	7.3	10.8	—	19.0	20,21, 22	2.3	8	—	—	3	—	2	12	4	1	—	—	—	—	—	—	0	1	0	—	—	—	-
Long Kesh (A)	36	15.2	6.7	10.9	—	20.4	23	-0.7	8	11.6	10.2	5	—	2	6	8	1	0	0	0	0	0	0	1	8	2	0	5.33	—	-
Lough Cowey	10	14.7	6.0	10.3	—	20.5	21	0.2	8	—	—	7	12	2	3	4	4	0	0	0	0	0	0	0	3	—	0	5.41	—	-
Magherally	97	14.8	6.3	10.5	—	19.7	21	-2.0	8	11.4	9.6	4	—	1	6	7	2	0	0	0	1	0	1	1	10	2	0	—	—	-
Murlough	12	15.6	7.5	11.5	—	21.0	20	1.0	8	12.1	10.6	7	—	3	6	5	2	0	0	0	0	0	0	0	3	—	0	5.45	—	S
Newry, Carnbane	8	15.7	6.9	11.3	—	19.9	21	-1.5	8	—	—	3	—	2	6	3	1	0	0	0	0	0	0	1	4	—	0	5.23	—	-
Saintfield Rowallane	95	14.9	5.6	10.3	—	19.4	21	0.2	9	10.6	—	6	—	2	3	7	3	0	0	0	0	0	—	0	4	—	0	—	—	-
Silent Valley	129	14.0	7.7	10.9	—	18.8	21	1.6	9	—	—	8	9	3	3	6	4	0	0	0	0	0	0	0	5	—	0	6.44	—	-
Trassey Slievenaman	215	14.5	6.1	10.3	—	18.5	20,21	-0.5	1	—	—	10	—	4	3	9	5	0	0	0	1	0	0	1	4	—	0	—	—	-
Armagh																													
Annaghmore	27	15.6	6.5	11.1	—	20.4	23	-1.6	8	12.4	10.4	5	—	1	18	6	3	0	0	0	0	0	0	2	6	2	0	—	—	-
Armagh	62	15.4	7.1	11.3	+0.5	20.7	23	-0.4	8	12.2	10.9	7	11	3	6	6	2	0	0	0	0	0	0	1	5	—	0	4.63	83	-
Castor Bay	17	14.7	7.4	11.1	—	20.0	23,31	-0.3	8	—	—	3	—	<1	12	6	0	0	0	0	0	0	0	1	3	—	0	—	—	-
Loughgall	25	15.1	6.4	10.7	+0.4	20.4	23	-1.3	8	—	—	5	9	1	12	6	2	0	0	0	0	0	0	2	4	—	0	—	—	-
Tandragee, Ballylisk	43	16.4	5.9	11.1	—	21.5	25	0.5	8, 9	—	—	4	—	2	12	2	2	0	0	0	0	0	0	0	5	—	0	—	—	-
Tyrone																													
Baron's Court	132	13.8	6.9	10.3	—	19.3	23,31	0.8	8	—	—	13	—	3	6	11	5	0	0	0	0	0	0	0	4	—	0	4.20	—	-
Carrigans (A)	113	15.1	6.2	10.7	(+0.5)	19.7	23,31	0.4	8	—	—	16	—	4	6	13	6	0	0	0	0	0	1	0	5	1	0	4.86	—	-
Cookstown	77	15.1	6.2	10.7	—	20.4	23	0.0	8	—	—	2	3	2	12	1	1	0	0	0	0	0	—	0	3	—	0	4.94	—	-
Edenfel	88	14.8	5.8	10.3	—	21.7	31	-1.6	8	—	—	13	19	3	3	10	5	0	0	0	0	0	1	0	6	—	0	—	—	-
Fivemiletown	119	15.6	6.4	11.0	—	19.9	29	2.5	14	—	—	6	—	1	18	9	3	0	0	0	0	0	0	0	0	—	0	—	—	-
Lough Bradan W.Wks	180	14.1	5.9	10.0	+0.7	19.5	31	-0.7	8	—	—	22	22	9	12	8	7	0	0	0	0	0	0	1	—	—	0	—	—	-
Strabane Glen Road	60	14.6	6.9	10.7	—	20.5	31	0.0	8	—	—	10	—	3	6,12	10	5	0	0	0	0	0	0	0	4	—	0	—	—	-
Fermanagh																													
Castle Archdale Forest (A)	66	—	6.8	—	—	—	—	-1.0	8	11.9	10.3	14	—	4	12	8	6	0	0	0	0	0	0	1	5	—	0	4.83	(90)	-
Corgary	145	14.3	7.3	10.8	—	19.2	31	3.4	1	—	—	21	—	4	12	11	7	0	0	—	—	—	—	0	4	1	—	5.34	—	-
Knockarevan	53	15.0	6.6	10.8	—	20.7	30	-0.2	8	—	—	10	—	3	12	9	3	—	—	—	—	—	—	1	2	—	—	—	—	-
Lisnaskea	49	16.1	6.6	11.3	—	22.0	31	-0.6	8	—	—	8	—	3	18	7	2	0	0	0	0	0	—	1	5	—	0	—	—	-
Lough Navar Forest	126	14.9	5.4	10.1	(+0.6)	20.6	31	-2.4	8	—	—	25	25	6	12	14	8	0	0	0	0	0	0	2	8	—	0	—	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Wind speed and direction: Beaufort force: 6-7	Wind speed and direction: Beaufort force: 4-5	Wind speed and direction: Beaufort force: 1-3	Wind speed and direction: Beaufort force: Calm	Wind speed and direction: Speed (kn): 34 or more	Wind speed and direction: Speed (kn): 22-33	Wind speed and direction: Speed (kn): 11-21	Wind speed and direction: Speed (kn): 1-10	Wind speed and direction: Speed (kn): 0	Wind speed and direction: N	Wind speed and direction: NE	Wind speed and direction: E	Wind speed and direction: SE	Wind speed and direction: S	Wind speed and direction: SW	Wind speed and direction: W	Wind speed and direction: NW
										Number of observations																																	
0 SCOTLAND N																																											
Shetland																																											
Fair Isle	61	9	1023.4	–	8.1	1.0	9.3	85	6.2	0	3	4	14	10	0	0	0	1	2	1	0	1	5	16	5	0	1	15	14	1	5	1	0	0	5	3	6	10
		15	1023.3	–	8.6	1.1	9.5	85	6.3	1	1	6	14	8	1	0	1	0	2	1	1	3	2	14	7	1	0	19	11	0	4	0	0	1	4	2	8	12
		21	1023.6	–	7.3	0.7	9.2	89	6.8	0	2	4	7	17	1	0	0	1	1	0	1	4	4	14	6	0	1	19	10	1	7	2	0	1	3	2	9	6
Lerwick	83	3	1022.0	–	6.1	0.9	8.2	86	6.5	0	3	3	18	6	1	0	1	0	1	0	1	1	3	17	7	0	2	15	12	2	7	2	0	0	0	5	10	5
		9	1022.2	+7.8	7.9	1.6	8.4	78	6.2	0	2	6	15	8	0	0	0	0	1	1	0	1	3	17	8	0	2	19	10	0	4	4	1	0	4	3	6	9
		15	1022.0	–	8.9	1.8	8.7	76	6.4	0	2	6	13	10	0	0	0	0	1	0	1	3	4	11	11	1	2	21	7	0	4	4	0	2	3	3	10	5
		21	1022.3	–	6.8	0.9	8.6	86	6.8	0	1	4	14	12	0	0	0	0	0	1	3	3	2	14	8	1	2	17	10	1	6	3	0	0	1	4	10	6
Muckle Flugga	54	3	1021.7	–	7.0	1.0	8.5	85	7.0	0	1	1	14	14	1	1	0	0	1	1	0	1	1	25	1	2	6	14	6	3	9	3	0	0	5	5	4	2
		9	1022.1	–	8.3	1.5	8.8	79	6.5	0	1	7	11	11	1	0	0	0	1	2	0	2	4	13	9	1	3	12	15	0	5	3	0	1	7	3	4	8
		15	1021.8	–	8.5	1.4	9.0	80	6.8	0	0	5	11	15	0	0	0	0	0	1	0	5	4	11	10	2	5	11	13	0	6	2	1	1	5	5	9	2
		21	1021.8	–	7.4	1.1	8.7	84	7.1	0	0	2	14	14	1	1	0	0	0	0	0	6	0	18	6	2	5	10	13	1	8	1	1	0	2	8	7	3
Sumburgh	13	3	1022.3	–	7.1	1.2	8.4	83	6.5	0	1	4	20	5	1	0	0	1	0	0	2	1	4	19	4	0	3	10	14	4	9	0	0	0	0	4	7	7
		9	1022.5	–	8.8	1.7	8.8	77	6.1	0	2	6	17	6	0	0	0	0	0	0	1	2	4	13	11	0	2	18	11	0	5	4	0	1	3	3	9	6
		15	1022.3	–	9.7	1.9	9.1	75	6.1	0	2	7	16	6	0	0	0	0	0	1	0	1	2	4	12	11	1	1	19	10	0	3	3	1	0	3	5	7	9
		21	1022.5	–	7.8	1.2	8.8	83	6.5	0	0	7	16	8	0	0	0	0	0	0	1	2	6	14	8	1	1	16	12	1	6	3	0	0	2	2	7	10
Orkney																																											
Kirkwall	26	3	1023.9	–	7.0	0.6	9.1	90	6.3	0	3	3	14	9	2	0	0	0	2	0	0	4	2	18	5	0	1	17	13	0	4	2	0	1	4	6	12	2
		9	1023.9	+9.5	9.1	1.4	9.4	81	6.5	0	1	5	15	10	0	0	0	0	0	1	0	5	4	12	9	0	4	18	9	0	7	2	0	0	6	2	7	7
		15	1024.0	–	10.3	2.0	9.4	75	6.0	0	3	6	14	8	0	0	0	0	0	0	0	2	7	12	10	1	2	21	7	0	7	1	1	0	2	4	8	8
		21	1024.3	–	7.8	0.9	9.3	88	6.5	0	2	4	14	11	0	0	0	1	0	1	1	3	7	11	7	0	3	13	14	1	8	1	0	1	4	2	11	3
Western Isles																																											
Benbecula	7	3	1026.1	–	8.4	0.8	9.9	89	6.8	1	2	1	11	15	1	0	0	0	2	1	1	5	2	16	4	0	0	13	18	0	6	1	3	1	1	7	6	6
		9	1026.1	+12.3	10.1	1.2	10.5	85	6.7	0	2	4	11	13	1	0	0	0	1	2	5	2	5	8	8	0	1	17	13	0	5	2	3	0	3	4	7	7
		15	1026.5	–	11.4	1.7	10.7	79	6.4	0	4	3	15	9	0	0	0	0	0	1	3	2	3	12	10	0	0	17	14	0	4	0	4	0	1	2	11	9
		21	1026.7	–	9.4	1.0	10.2	86	6.3	0	4	3	14	10	0	0	0	0	0	1	1	3	2	4	9	11	0	0	14	17	0	4	4	2	0	1	2	11	7
Stornoway	5	3	1025.2	–	7.8	0.6	9.8	91	6.4	1	4	0	12	14	0	0	0	0	0	0	1	4	9	16	1	0	0	6	25	0	5	2	0	0	3	9	9	3
		9	1025.1	+11.0	9.5	1.4	9.8	82	6.9	0	0	5	14	12	0	0	0	0	1	1	0	1	4	6	15	3	0	1	12	18	0	2	6	0	0	6	1	9	7
		15	1025.4	–	10.5	2.0	9.6	75	6.1	0	2	7	16	6	0	0	0	0	0	0	0	4	4	10	13	0	1	14	16	0	1	7	0	1	5	1	8	8
		21	1025.8	–	8.7	1.0	9.8	86	6.5	0	4	1	13	13	0	0	0	0	0	0	2	2	9	13	5	0	0	8	23	0	4	5	0	0	2	5	10	5
Highland																																											
Aviemore	228	3	1025.8	–	5.9	0.9	8.2	87	6.1	1	1	7	14	8	0	0	0	0	1	0	0	1	5	10	14	0	0	2	26	3	7	0	1	1	10	4	3	2
		9	1025.3	–	9.3	2.1	8.7	73	6.5	0	1	5	18	7	0	0	0	0	0	0	0	1	5	7	18	0	0	9	22	0	7	4	2	0	8	4	3	3
		15	1024.5	–	12.6	3.5	9.0	62	5.9	0	2	10	12	7	0	0	0	0	0	0	0	0	4	6	21	0	1	6	24	0	13	2	0	0	5	5	0	6
		21	1025.7	–	8.7	1.7	8.7	77	5.2	0	7	5	14	5	0	0	0	0	0	0	0	1	1	6	23	0	0	3	27	1	12	2	0	2	5	3	3	3
Cape Wrath	113	3	1024.4	–	7.5	–	–	–	7.0	0	1	3	9	11	7	2	2	2	1	1	0	0	3	17	3	0	6	14	9	2	2	2	3	0	1	8	11	2
		9	1024.2	–	8.0	0.9	9.5	88	6.6	0	3	4	8	10	6	5	0	2	0	0	0	0	6	14	4	2	4	17	8	0	3	2	3	0	0	8	13	2
		15	1024.6	–	8.7	1.2	9.5	84	6.3	0	2	7	9	6	7	5	1	1	0	0	0	1	2	16	5	3	3	17	7	1	4	2	1	0	0	5	13	5
		21	1024.9	–	7.7	0.8	9.4	89	6.9	0	2	4	6	8	11	5	5	1	0	0	0	0	5	10	5	1	7	16	6	1	3	2	4	0	1	4	12	4
Dalcross	12	9	1025.0	–	10.4	2.2	9.2	72	6.5	0	2	3	20	6	0	0	0	0	0	0	0	2	9	11	9	0	0	10	20	1	4	5	0	0	0	12	7	2
		15	1024.6	–	12.8	3.3	9.3	63	5.9	0	3	8	14	6	0	0	0	0	0	0	0	1	4	18	8	0	1	12	17	1	6	7	1	0	0	6	9	1
		21	1025.3	–	9.5	1.9	9.1	76	6.0	0	3	7	16	5	0	0	0	0	0	0	0	2	2	19	8	0	0	7	24	0	2	6	4	1	0	9	6	3
Invergordon Harbour	12	3	1025.5	–	8.5	1.5	8.9	79	6.6	0	2	5	10	14	0	0	0	0	0	0	0	1	11	9	10	0	1	2	21	7	4	0	1	0	1	4	11	3
		9	1025.2	–	10.4	2.2	9.2	73	6.8	0	0	5	10	16	0	0	0	0	0	0	1	0	4	16	10	0	2	3	24	2	6	0	3	1	2	8	6	3
		15	1024.9	–	12.9	3.5	9.1	61	6.3	0	1	9	13	8	0	0	0	0	0	0	0	0	5	15	11	0	1	14	15	1	6	0	7	1	1	2	8	5
		21	1025.7	–	10.3	2.2	9.1	72	6.1	0	3	6	12	10	0	0	0	0	0	1	1	2	17	10	0	1	3	23	4	3	2	5	2	0	3	6	6
Waterstein	81	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wick	37	3	1024.6	–	7.0	0.8	8.9	88	6.6	0	3	1	18	7	2	0	0	0	2	0	2	3	3	14	7	0	1	6	24	0	4	0	1	0	5	7	8	6
		9	1024.6	+10.1	9.2	1.5	9.4	81	6.7	0	1	4	15	11	0	0	0	0	0	0	2	4	2	15	8	0	3	17	11	0	5	1	0	1	4	2	8	10
		15	1024.5	–	10.5	2.3	9.2	72	6.3	0	0	8	18	5	0	0	0	0	1	0	1	1	2	11	15	0	2	21	8	0	3	1	3	2	2	1	8	11
		21	1025.0	–	7.7	1.0	9.1	86	6.6	0	2	3	16	9	1	0	0	2	0	0	2	1	5	11	10	0	1	11	19	0	6	0	0	2	4	1	11	7
1 SCOTLAND E																																											
Grampian																																										
Dyce	69	3	1024.4	–	7.1	1.0	8.7	86	6.4	0	4	3	14	10	0	0	0	0	0	1	3	3	3	16	5	0	0	9	19	3	8	2	2	2	1	0	4	9
		9	1024.5	+9.6	10.1	2.1	9.2	74	6.8	0	0	5	17	9	0	0	0	0	0	0	0	3	5	16	7	0	0	13	18	0	13	1	1	1	2	1	4	8
		15	1024.1	–	12.5	3.2	9.2	64	6.1	0	3	7	15	6	0	0	0	0	0	0	0	0	3	14	14	0	2	12	17	0	12	0	3	2	1	1	3	9
		21	1024.8	–	8.7	1.5	9.0	80	6.1	0	4	4	13	10	0	0	0	0	0	0	2	2	8	13	6	0	0	8	22	1	9	3	1	1	3	1	2	10
Glenlivet	212	9	1025.1	–	9.0	1.8	8.8	76	7.2	0	0	2	14	15	0	0	0	0	0	1	0	2	0	7	21	0	0	2	29	0	0	0	1	3	0	1	26	0
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1025.7	–	8.0	1.4	8.8	82	5.9	0	6	3	14	8	0	0	0	0	1	0	0	2	0	6	22	0	0	2	29	0	0	1	9	0	1	1	17	2
Kinloss	6	3	1025.1	–	7.8	1.2	8.9	83	6.5	0	2	4	18	7	0	0	0	0	0	0	1	3	4	13	10	0	0	7	24	0	4	1	1	1	5	10	3	6
		9	1025.2	+10.6	10.1	2.0	9.3	75	6.8	0	1	4	14	12	0	0	0	0	0	0	0	3	4	8	16	0	0	8	23	0	8	1	2	0	0	4	11	5
		15	1024.8	–	12.1	2.9	9.5	67	6.0	0	4	6	12	9	0	0	0	0	0	0	0	2	1	11	17	0	2	11	18	0	6	5	2	0	0	2	7	9
		21	1025.5	–	9.2	1.7	9.1	77	5.6	0	5	5	16	5	0	0	0	0	0	0	1	2	0	14	14	0	1	11	19	0	3	2	7	1	1	3	8	6
Peterhead Harbour	15	3	1024.4	–	8.0	1.3	8.8	81	6.0	2	1	4	15	9	0	0	0	0	0	0	1	2	23	5	0	0	0	10	17	4	8	0	0	0	1	5	9	4
		9	1024.7	–	9.5	1.7	9.3	78	6.8	0	0	6	13	12	0	0	0	0	0	0	1	2	10	18	0	0	0	13	16	2	12	0	1	0	3	2	7	4
		15	1024.5	–	10.9	2.3	9.4	72	6.2	0	1	9	12	9	0	0	0	0	0	0	0	4	10	17	0	0	0	15	15	1	15	2	1	1	2	1	3	5
		21	1024.9	–	8.9	1.5	9.2	80	6.5	0	2	6	8	15	0	0	0	0	0	0	1	4	20	6	0	0	0	9	20	2	15	1	0	0	3	2	3	5
Fife																																											
Leuchars	12	3	1025.1	–	7.4	1.1	8.9	85	6.0	1	4	1	21	4	0	0	0	0	0	0	0	3	5	11	12	0	0	2	27	2	5	2	1	0	1	4	13	3
		9	1025.3	+10.5	11.4	2.8	9.1	67	6.3	0	2	6	16	7	0	0	0	0	0	0	0	0	4	10	17	0	0	12	19	0	4	1	5	2	0	2	14	3
		15	1024.6	–	13.6	3.7	9.3	61	5.9	0	3	9	13	6	0	0	0	0	0	0	0	0	2	9	20	0	2	18	11	0	5	1	6	4	3	1	9	2
		21	1025.3	–	9.5	1.7	9.3	77	5.9	0	4	4	14	9	0	0	0	0	0	0	0	1	1	8	21	0	0	8	23	0	2	7	8	0	0	1	9	4

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Wind speed and direction: Beaufort force: 6-7	Wind speed and direction: Beaufort force: 4-5	Wind speed and direction: Beaufort force: 1-3	Wind speed and direction: Beaufort force: Calm	Wind speed and direction: Speed (kn): 34 or more	Wind speed and direction: Speed (kn): 22-33	Wind speed and direction: Speed (kn): 11-21	Wind speed and direction: Speed (kn): 1-10	Wind speed and direction: Speed (kn): 0	Wind speed and direction: N	Wind speed and direction: NE	Wind speed and direction: E	Wind speed and direction: SE	Wind speed and direction: S	Wind speed and direction: SW	Wind speed and direction: W	Wind speed and direction: NW
										Number of observations																																
1 SCOTLAND E - Continued																																										
Lothian																																										
Turnhouse	44	3	1025.6	–	7.7	1.0	9.1	85	5.9	1	3	2	25	0	0	0	0	0	0	0	0	1	7	14	9	0	0	5	23	3	1	5	2	0	0	5	14	1
		9	1025.7	+ 10.7	10.9	2.1	9.7	74	6.2	0	2	5	20	4	0	0	0	0	0	0	0	2	6	10	13	0	0	10	21	0	3	4	4	1	1	5	13	0
		15	1024.9	–	13.5	3.0	10.3	67	6.2	0	2	4	24	1	0	0	0	0	0	0	0	0	4	9	18	0	0	15	16	0	3	2	7	2	0	2	12	3
		21	1025.6	–	10.3	1.7	9.8	78	5.5	0	4	7	20	0	0	0	0	0	0	0	0	0	7	10	14	0	0	8	23	0	5	4	5	0	0	2	14	1
6 SCOTLAND W																																										
Strathclyde																																										
Abbotsinch	9	3	1026.1	–	7.6	1.1	8.9	84	6.0	0	4	3	23	1	0	0	0	0	0	0	0	2	6	19	4	0	0	2	28	1	0	4	2	0	1	8	12	3
		9	1026.1	+ 11.3	11.4	2.4	9.6	71	6.0	0	4	2	20	5	0	0	0	0	0	0	0	2	7	12	10	0	0	10	20	1	3	0	4	0	3	5	8	7
		15	1025.3	–	14.9	4.1	9.8	58	5.5	0	5	5	17	4	0	0	0	0	0	0	0	2	2	10	17	0	0	19	11	1	3	4	2	0	0	5	12	4
		21	1026.1	–	10.1	2.0	9.3	74	5.5	0	6	5	16	4	0	0	0	0	0	0	0	0	5	14	12	0	0	6	25	0	0	1	7	0	1	4	11	7
Orsay	24	3	1026.6	–	8.6	0.4	10.6	94	6.0	0	6	4	7	9	5	0	0	3	2	0	2	0	0	4	6	14	0	0	15	14	2	4	2	1	3	2	4	8	5
		9	1026.8	–	9.6	0.6	11.1	92	6.3	1	2	5	6	13	4	0	0	4	1	0	2	1	4	9	10	0	0	13	17	1	4	0	0	0	6	6	4	10
		15	1027.0	–	10.5	0.8	11.4	90	6.4	0	3	5	10	9	4	0	0	2	2	0	2	2	4	8	11	0	1	17	12	1	4	0	0	1	0	4	11	10
		21	1026.9	–	9.1	0.4	11.0	95	6.4	0	0	0	9	8	10	4	0	0	3	1	0	1	2	7	9	8	0	2	13	14	2	5	0	0	2	0	5	5	12
Prestwick	21	3	1026.4	–	7.6	0.9	9.3	87	5.8	2	3	3	17	6	0	0	0	0	0	0	0	0	3	18	10	0	0	3	28	0	1	8	4	1	3	2	5	7
		9	1026.6	+ 11.8	11.1	2.2	9.7	73	5.9	0	4	5	16	6	0	0	0	0	0	0	0	2	3	20	6	0	0	13	18	0	2	3	3	0	2	6	10	5
		15	1026.0	–	13.3	3.0	10.2	67	5.5	0	7	4	14	6	0	0	0	0	0	0	0	1	6	9	15	0	0	20	11	0	0	4	0	0	0	10	13	4
		21	1026.4	–	9.8	1.6	9.8	80	5.6	0	6	4	18	3	0	0	0	1	0	0	0	0	4	12	14	0	0	6	25	0	0	4	4	1	0	4	5	13
Tiree	10	3	1026.3	–	8.6	0.6	10.3	91	6.1	1	5	1	11	11	2	0	0	0	4	0	0	5	6	9	7	0	0	13	18	0	5	1	1	2	4	6	5	7
		9	1026.5	+ 12.4	10.3	1.1	10.7	85	6.3	0	3	5	10	13	0	0	0	0	1	2	2	6	3	10	7	0	0	21	10	0	8	0	1	1	5	4	4	8
		15	1026.8	–	11.3	1.7	10.7	79	6.0	0	4	4	15	8	0	0	0	0	0	0	1	4	7	10	9	0	0	24	7	0	8	0	0	0	1	2	7	13
		21	1026.8	–	9.3	0.8	10.6	90	6.0	1	5	2	12	11	0	0	0	0	0	1	2	6	4	10	8	0	0	13	18	0	11	0	0	0	1	3	7	9
Dumfries & Galloway																																										
Corsewall Point	15	9	–	–	9.9	1.3	10.3	83	5.4	0	7	6	8	10	0	0	0	0	0	0	1	0	2	17	11	0	0	14	13	4	6	1	0	1	3	2	4	10
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drungans	16	3	–	–	8.4	1.4	9.2	81	5.9	2	3	5	7	14	0	0	0	0	0	0	0	0	4	27	0	0	0	0	28	3	5	1	5	0	0	3	5	9
		9	–	–	11.4	2.8	9.1	67	6.1	0	2	8	11	10	0	0	0	0	0	0	0	0	3	23	5	0	0	0	31	0	4	3	7	1	0	5	3	8
		15	–	–	14.8	4.0	9.8	58	5.8	0	1	13	7	10	0	0	0	0	0	0	0	0	3	26	2	0	0	3	27	1	5	3	6	0	0	6	4	6
		21	–	–	11.4	2.4	9.7	71	5.1	0	7	8	9	7	0	0	0	0	0	0	0	0	3	28	0	0	0	0	30	1	0	5	3	2	1	6	5	8
Eskdalemuir	237	3	1025.7	–	5.5	0.6	8.4	90	6.4	1	2	4	10	13	1	0	1	0	1	1	1	1	12	8	6	0	0	2	26	3	7	4	0	0	3	4	3	7
		9	1026.0	+ 11.0	9.6	2.0	9.0	74	6.6	1	1	2	17	10	0	0	0	0	0	0	0	2	5	10	14	0	0	13	18	0	5	9	2	1	1	6	2	5
		15	1025.5	–	12.2	2.8	9.7	68	6.4	0	0	10	11	10	0	0	0	0	0	0	0	3	7	8	13	0	0	14	17	0	4	8	3	0	1	6	2	7
		21	1025.9	–	8.3	1.2	9.3	83	5.8	2	2	5	16	6	0	0	0	0	0	1	0	3	6	9	12	0	0	3	28	0	4	6	1	1	3	2	5	9
2 ENGLAND E & NE																																										
Northumberland																																										
Boulmer	27	3	1024.8	–	7.9	1.1	9.2	85	6.5	1	2	2	15	11	0	0	0	0	0	1	0	1	7	15	7	0	0	5	26	0	10	2	0	1	1	5	7	5
		9	1025.3	+ 10.2	10.6	2.0	9.7	75	6.7	1	0	4	18	8	0	0	0	0	1	0	0	1	7	11	11	0	0	13	18	0	14	3	1	0	2	5	4	2
		15	1025.1	–	11.4	2.2	10.1	74	6.2	0	4	3	16	8	0	0	0	0	0	0	1	1	7	12	10	0	0	15	16	0	9	5	6	2	2	2	4	1
		21	1025.3	–	8.9	1.2	9.6	84	6.1	0	3	5	15	8	0	0	0	0	0	1	1	1	10	13	5	0	0	5	25	1	11	1	0	2	2	5	5	4
Tyne & Wear																																										
Newcastle Weather Centre (X)	47	3	1025.0	–	8.4	1.3	9.2	82	6.2	0	4	4	14	9	0	0	0	0	0	0	0	9	3	15	4	0	0	1	26	4	8	0	1	0	1	3	11	3
		9	1025.6	–	10.7	2.6	8.8	68	6.7	0	1	4	17	9	0	0	0	0	0	0	0	1	7	13	10	0	1	10	20	0	14	1	0	1	2	0	8	5
		15	1025.1	–	12.3	3.3	9.1	63	6.4	0	2	6	10	13	0	0	0	0	0	0	0	0	2	12	17	0	0	12	19	0	12	3	5	1	2	1	5	2
		21	1025.5	–	10.1	2.1	9.2	74	5.9	0	4	7	11	9	0	0	0	0	0	0	0	2	6	18	5	0	0	4	25	2	10	2	3	1	3	1	7	2
Tynemouth	40	3	1024.8	–	8.6	1.2	9.5	84	6.5	0	4	2	13	12	0	0	0	0	0	0	0	2	9	20	0	0	1	12	17	1	8	2	0	0	1	5	6	8
		9	1025.3	+ 9.8	10.0	1.8	9.6	78	6.1	1	1	7	10	12	0	0	0	0	0	1	1	5	6	18	0	1	6	7	17	0	16	1	2	1	0	1	7	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1025.3	–	9.8	1.7	9.6	79	6.0	1	2	6	7	15	0	0	0	0	0	0	1	5	6	19	0	0	2	12	16	1	13	0	0	1	7	2	5	2
North Yorkshire																																										
Fylingdales	262	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1025.2	–	8.8	1.5	9.2	81	7.0	0	0	5	7	18	1	0	0	0	2	0	3	2	1	23	0	0	1	19	11	0	15	5	0	0	0	5	4	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Leeming	37	3	1025.1	–	7.7	0.9	9.3	88	5.9	0	6	2	14	9	0	0	0	0	0	0	3	8	2	14	4	0	0	3	26	2	9	1	1	5	0	3	5	5
		9	1025.7	+ 10.2	11.0	2.0	10.0	76	6.9	0	1	3	15	12	0	0	0	0	0	0	0	6	9	11	5	0	0	12	19	0	13	3	1	0	4	3	4	3
		15	1025.2	–	13.1	3.0	10.1	66	6.7	0	0	4	17	10	0	0	0	0	0	0	0	2	8	9	12	0	0	15	16	0	14	5	2	0	1	0	8	1
		21	1025.6	–	10.0	1.6	9.9	80	6.1	0	4	5	13	9	0	0	0	0	0	0	1	3	8	14	5	0	0	4	26	1	13	1	0	2	2	1	10	1
Humberside																																										
Bridlington MRSC	19	3	1023.9	–	7.9	1.2	9.0	83	6.1	1	3	6	8	13	0	0	0	0	0	0	0	3	6	22	0	0	1	5	21	4	13	1	0	0	1	3	5	4
		9	1024.6	–	10.7	2.2	9.6	74	6.5	0	2	6	13	10	0	0	0	1	0	1	0	4	6	19	0	0	0	0	15	13	3	15	2	0	0	1	2	6	2
		15	1024.5	–	11.5	2.5	9.7	71	6.2	0	3	4	14	10	0	0	0	0	0	0	0	3	5	23	0	0	0	0	17	11	3	16	2	2	2	0	1	4	1
		21	1024.6	–	9.2	1.5	9.5	80	6.5	0	2	5	8	16	0	0	0	0	0	0	0	2	5	24	0	0	0	0	9	13	9	11	0	0	1	2	3	2	3
Easington	20	3	–	–	7.9	1.0	9.2	85	5.8	2	4	3	7	15	0	0	0	0	0	0	1	0	6	24	0	0	0	0	8	20	3	11	4	0	0	0	4	8	1
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	9.3	1.4	9.7	81	5.9	2	2	5	10	12	0	0	0	0	0	0	1	1	11	18	0	0	1	10	12	8	12	2	2	0	2	1	4	0
Lincolnshire																																										
Coningsby	8	3	1024.2	–	7.8	1.1	9.2	85	6.1	1	3	4	11	12	0	0	0	0	0	0	1	6	9	14	1	0	0	5	24	2	9	1	3	2	0	2	7	5
		9	1025.0	–	11.0	2.4	9.4	71	6.5	0	1	6	12	12	0	0	0	0	0	1	1	2	11	15	1	0	0	12	18	1	10	4	0	1	1	3	4	7
		15	1024.7	–	13.4	3.6	9.5	61	6.4	0	1	6	16	8	0	0	0	0	0	0	0	3	5	19	4	0	0	0	13	18	0	15	5	2	1	1	0	6	1
		21	1025.0	–	9.8	1.6	9.7	79	6.0	1	3	4	14	9	0	0	0	0	0	0	1	4	8	17	1	0	0	0	8	22	1	11	3	5	2	3	1	2	3
Waddington	70	3	1024.8	–	7.8	1.1	9.2	85	6.3	0	5	4	6	16	0	0	0	0	0	0	2	4	8	16	1	0	0	4	24	3	8	1	2	0	2	6	4	5
		9	1025.4	+ 9.7	10.6	2.0	9.8	76	6.5	0	2	4	12	13	0	0	0	0	0	0	2	6	10	9	4	0	0	8	23	0	14	1	0	0	0	3	7	6
		15	1025.0	–	13.2	3.3	9.7	63	6.6	0	0	7	15	9	0	0	0	0	0	0	0	2	5	15	9	0	0	0	14	17	0	12	7	2	1	1	1	7	0
		21	1025.5	–	9.7	1.7	9.5	78	6.2	0	3	4	15	9	0	0	0	0	0	0	0	2	11	11	7	0	0	6	24	1	9	4	2	4	3	2	4	2

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 EAST ANGLIA																																											
Norfolk																																										
Coltishall	19	3	1023.7	–	7.5	0.9	9.2	87	6.0	1	2	6	15	6	1	0	1	0	0	0	1	5	11	13	0	0	0	6	21	4	12	3	0	0	1	1	8	2
		9	1024.4	–	10.9	2.4	9.3	71	6.0	0	5	4	13	9	0	0	0	0	0	0	0	1	10	13	7	0	0	12	19	0	14	6	0	0	2	1	7	1
		15	1024.3	–	12.4	3.0	9.6	66	5.9	0	4	4	14	9	0	0	0	0	0	0	0	1	7	13	10	0	1	14	16	0	17	4	1	1	1	1	4	2
		21	1024.4	–	9.0	1.4	9.5	81	5.5	0	7	3	15	6	0	0	0	0	0	0	1	5	9	10	6	0	0	5	25	1	12	4	2	1	4	1	2	4
Hemsby	14	3	1023.3	–	7.3	0.7	9.3	90	5.9	1	4	3	15	8	0	0	1	1	0	1	1	4	11	11	1	0	0	8	19	4	10	2	0	0	1	4	4	6
		9	1024.0	–	11.0	2.0	9.9	75	6.0	0	6	3	13	9	0	0	0	0	0	0	0	2	8	14	7	0	1	13	16	1	16	2	2	0	1	0	6	3
		15	1023.9	–	11.9	2.3	10.3	73	6.2	0	3	6	14	8	0	0	0	0	0	0	0	2	7	13	9	0	1	16	14	0	20	2	3	0	2	0	2	2
		21	1024.0	–	8.9	1.2	9.7	84	6.1	0	3	5	17	6	0	0	0	0	0	0	0	5	11	13	2	0	1	6	24	0	11	4	1	0	5	1	3	6
Marham	24	3	1024.0	–	7.4	0.8	9.3	89	6.1	2	0	6	16	7	0	0	0	0	0	1	0	1	5	5	14	5	0	0	5	25	1	9	6	0	1	5	2	4	3
		9	1024.7	+8.8	11.1	2.1	9.9	74	6.4	0	3	4	12	12	0	0	0	0	0	0	2	3	7	12	7	0	1	15	15	0	13	5	0	0	2	1	6	4
		15	1024.3	–	13.2	3.1	10.0	65	6.0	0	4	6	14	7	0	0	0	0	0	0	0	2	7	13	9	0	1	14	16	0	20	3	0	0	1	0	5	2
		21	1024.7	–	9.4	1.4	9.8	81	5.5	0	9	2	12	8	0	0	0	0	0	0	1	1	11	11	7	0	0	6	25	0	15	4	3	2	2	1	2	2
Norwich	15	3	1023.8	–	8.0	0.8	9.6	88	5.3	2	6	5	8	10	0	0	0	0	1	0	0	2	7	8	13	0	0	0	0	30	1	11	5	2	1	0	1	5	5
Weather Centre (X)		9	1024.4	–	11.0	2.0	10.0	76	6.1	0	5	3	14	9	0	0	0	0	0	0	0	4	11	14	2	0	0	3	28	0	8	10	3	0	1	0	1	8
		15	1024.2	–	12.7	2.7	10.4	70	6.1	0	4	4	14	9	0	0	0	0	0	0	0	2	7	16	6	0	0	0	8	23	0	10	12	1	1	0	1	3	3
		21	1024.4	–	9.8	1.4	10.1	82	5.5	0	6	6	10	9	0	0	0	0	0	0	1	4	12	10	4	0	0	2	29	0	8	10	1	3	3	1	2	3
Cambridgeshire																																										
Wyton	43	3	1024.4	–	7.7	1.0	9.2	86	6.4	2	0	4	15	10	0	0	0	0	0	1	0	2	5	9	10	4	0	0	7	23	1	13	1	1	2	2	2	7	2
		9	1025.2	+9.2	10.9	1.9	10.1	76	6.9	0	2	2	15	12	0	0	0	0	0	0	3	2	8	13	5	0	0	11	20	0	12	6	0	1	1	0	8	3
		15	1024.7	–	13.4	3.3	10.0	65	6.6	0	1	1	25	4	0	0	0	0	0	0	0	4	1	18	8	0	0	12	19	0	11	9	1	0	1	0	7	2
		21	1025.1	–	9.9	1.6	9.9	80	6.1	0	4	4	15	8	0	0	0	0	0	0	0	4	3	16	8	0	0	7	22	2	10	7	4	0	0	2	3	3
Suffolk																																										
Honington	51	3	1023.9	–	7.0	0.7	9.2	90	5.8	2	1	7	10	11	0	0	0	0	1	0	1	10	8	11	0	0	0	0	28	3	12	1	0	0	2	2	6	5
		9	1024.5	+8.7	11.2	2.4	9.6	72	6.1	0	4	2	17	8	0	0	0	0	0	0	1	4	8	13	5	0	0	11	20	0	10	6	2	0	3	0	7	3
		15	1024.1	–	13.1	3.4	9.5	63	6.5	0	2	2	20	7	0	0	0	0	0	0	0	6	1	18	6	0	0	10	21	0	15	6	1	0	0	3	5	1
		21	1024.5	–	9.1	1.5	9.4	79	5.6	0	7	3	14	7	0	0	0	0	0	0	2	3	6	17	3	0	0	4	25	2	13	4	0	1	5	2	2	2
Wattisham	91	3	1023.7	–	6.5	0.5	9.1	92	5.6	0	8	3	7	12	1	0	1	0	0	1	3	10	8	5	3	0	0	6	23	2	14	1	0	0	0	5	4	5
		9	1024.3	–	10.6	2.1	9.6	74	6.0	0	6	2	11	12	0	0	0	0	0	0	1	2	7	16	5	0	0	16	15	0	18	3	1	0	1	0	7	1
		15	1023.9	–	12.4	2.8	9.9	68	6.6	0	2	5	12	12	0	0	0	0	0	0	1	2	11	8	9	0	0	17	14	0	16	3	1	1	2	2	5	1
		21	1024.3	–	8.7	1.3	9.4	82	5.9	0	6	3	12	10	0	0	0	0	0	0	1	4	9	13	4	0	0	7	24	0	11	4	2	2	5	2	1	4
Essex																																										
Stansted	102	3	1024.1	–	7.0	0.8	8.9	88	6.1	1	2	5	13	10	0	1	0	0	1	1	4	6	2	14	2	0	0	2	25	4	9	1	1	1	2	4	1	8
		9	1024.6	+8.6	10.6	2.2	9.5	73	6.2	0	2	5	15	9	0	0	0	0	0	1	1	4	8	12	5	0	0	9	22	0	10	6	1	1	1	3	4	5
		15	1024.1	–	13.1	3.5	9.5	62	6.6	0	2	4	17	8	0	0	0	0	0	0	0	5	5	15	6	0	0	11	20	0	12	5	1	0	0	2	5	6
		21	1024.6	–	9.4	1.7	9.3	77	5.6	0	4	8	12	7	0	0	0	0	0	0	2	6	4	15	4	0	0	6	25	0	11	4	1	4	1	2	3	5
4 MIDLAND COUNTIES																																										
West Yorkshire																																										
Leeds	60	3	1024.9	–	8.3	1.1	9.5	85	5.5	0	7	3	12	9	0	0	0	0	0	0	0	7	12	9	3	0	0	5	26	0	4	4	2	0	0	0	6	15
Weather Centre (X)		9	1025.7	–	11.3	2.5	9.5	70	6.9	0	2	2	13	14	0	0	0	0	0	0	0	3	11	11	6	0	0	8	23	0	6	10	0	0	0	1	4	10
		15	1025.2	–	13.6	3.5	9.7	62	6.9	0	0	3	19	9	0	0	0	0	0	0	0	1	9	12	9	0	0	9	22	0	8	10	1	0	0	0	5	7
		21	1025.5	–	10.7	2.0	9.8	75	5.9	0	5	3	13	10	0	0	0	0	0	0	0	2	11	16	2	0	0	5	26	0	10	5	2	1	1	0	3	9
Wilsden	267	3	1025.6	–	6.6	0.6	9.1	91	5.6	1	5	4	10	11	0	0	0	0	0	0	0	3	6	18	4	0	0	0	3	28	0	8	2	1	0	1	5	11	3
		9	1026.0	–	9.1	1.2	9.9	85	6.9	0	1	4	12	14	0	0	0	0	0	0	3	5	10	10	3	0	0	8	21	2	10	5	0	0	0	2	9	3
		15	1025.6	–	11.2	1.8	10.5	78	6.6	0	0	8	12	11	0	0	0	0	0	0	1	8	7	14	1	0	0	9	20	2	8	5	1	0	0	3	11	1
		21	1026.0	–	8.4	0.9	9.8	88	5.5	1	5	8	7	10	0	0	0	0	0	0	1	9	16	5	0	0	0	4	26	1	6	5	2	1	0	2	12	2
South Yorkshire																																										
Finningley	15	3	1024.9	–	8.1	1.1	9.3	85	6.2	1	2	5	10	13	0	0	0	0	0	0	0	2	3	8	15	3	0	0	6	25	0	11	2	1	0	3	5	4	5
		9	1025.6	+9.9	11.4	2.4	9.7	72	6.6	0	2	2	18	9	0	0	0	0	0	0	1	3	10	11	6	0	0	12	19	0	16	3	0	0	0	3	4	5
		15	1025.1	–	13.8	3.8	9.4	59	6.7	0	0	6	16	9	0	0	0	0	0	0	0	1	2	17	11	0	0	14	17	0	13	4	2	1	0	1	7	3
		21	1025.5	–	10.2	1.9	9.6	76	5.9	0	5	4	13	9	0	0	0	0	0	0	0	2	8	15	6	0	0	6	25	0	11	2	1	3	4	2	6	2
Nottinghamshire																																										
Nottingham	119	3	1025.2	–	7.7	1.0	9.2	85	5.9	0	5	4	11	11	0	0	0	0	0	0	2	4	15	10	0	0	0	3	27	1	9	3	0	0	1	4	8	5
Weather Centre (X)		9	1025.8	+10.1	10.7	2.2	9.4	73	6.3	0	3	4	13	11	0	0	0	0	0	0	1	8	9	11	2	0	0	7	24	0	10	8	1	0	1	2	7	2
		15	1025.3	–	13.2	3.4	9.6	62	6.6	0	1	5	17	8	0	0	0	0	0	0	0	3	5	16	7	0	0	8	23	0	10	7	1	0	0	2	6	5
		21	1025.7	–	10.0	1.6	9.8	79	6.0	0	4	5	14	8	0	0	0	0	0	0	1	6	8	13	3	0	0	2	29	0	5	7	3	0	1	2	8	5
Staffordshire																																										
Cellarhead	228	3	1025.7	–	6.9	0.8	9.0	88	6.2	2	3	3	5	17	1	0	0	1	0	0	2	7	20	1	0	0	0	0	27	4	4	4	2	1	0	2	3	11
		9	1026.2	–	9.1	1.5	9.5	80	6.9	0	2	1	10	18	0	0	0	0	0	1	5	12	13	0	0	0	0	3	27	1	2	6	2	0	0	1	4	15
		15	1025.6	–	12.1	2.9	9.5	66	7.1	0	0	3	14	14	0	0	0	0	0	0	1	8	22	0	0	0	0	4	26	1	5	5	2	0	0	1	7	10
		21	1025.6	–	10.2	1.9	9.5	76	6.4	0	1	7	8	15	0	0	0	0	0	0	2	9	20	0	0	0	0	3	26	2	4	2	4	0	0	0	3	16
Shropshire																																										
Shawbury	76	3	1025.7	–	7.9	1.0	9.4	86	6.4	0	2	3	18	8	0	0	0	0	0	0	2	4	11	14	0	0	0	3	23	5	9	0	2	0	0	1	4	10
		9	1026.3	+10.6	11.2	2.4	9.6	71	6.8	0	2	1	17	11	0	0	0	0	0	0	0	6	10	15	0	0	0	7	24	0	9	4	4	0	1	2	3	8
		15	1025.6	–	13.9	3.6	9.8	61	6.3	0	0	9	16	6	0	0	0	0	0	0	0	2	7	13	9	0	0	0	17	14	0	12	5	1	0	1	0	6	6
		21	1026.0	–	10.1	1.8	9.6	77	6.2	0	4	4	15	8	0	0	0	0	0	0	0	4	7	15	5	0	0	3	27	1	6	2	4	0	0	0	5	13
West Midlands																																										
Elmdon	99	3	1025.2	–	8.3	1.2	9.4	83	6.3	0	4	2	15	10	0	0	0	0	0	0	1	9	19	2	0	0	0	0	28	3	8	4	0	0	1	1	3	11
		9	1025.8	+9.9	11.1	2.3	9.6	72	7.0	0	2	1	15	13	0	0	0	0	0	0	0	12	12	6	1	0	0	5	26	0	11	6	1	0	0	1	4	8
		15	1025.2	–	13.8	3.7	9.6	60	6.9	0	0	4	17	10	0	0	0	0	0	0	0	5	11	10	5	0	0	10	21	0	9	10	2	0	0	0	5	5
		21	1025.7	–	10.6	1.9	9.9	77	6.1	0	3	7	10	11	0	0	0	0	0	0	1	7	15	8	0	0	0	1	29	1	10	5	2	0	1	0	2	10
Hereford & Worcester																																										
Great Malvern	46	9	1026.0	–	12.6	2.1	11.3	76	6.8	1	1	1	16	12	0	0	0	0	0	0	0	5	17	9	0	0	0	2	29	0	13	6	2	0	2	1	3	4
		15	1025.3	–	15.5	3.4	11.7	66	6.8	0	0	4	15	12	0	0	0	0	0	0	0	2	10	19	0	0	0	3	27	1	15	6	0	0	0	2	4	3
		21	1025.7	–	11.4	1.7	10.9	80	5.9	0	4	7	6	14	0	0	0	0	0	0	2	2	13	14	0	0	0	0	29	2	8	4	1	0	1	0	5	10

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount (Oktas): Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility (Number of observations): 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
4 MIDLAND COUNTIES - Continued																																											
Hereford & Worcester - Continued																																											
Madley	79	3	1025.9	–	8.3	1.0	9.6	86	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	1	13	17	5	3	1	0	0	1	2	2
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	11.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Oxfordshire																																										
Brize Norton	92	3	1025.1	–	8.2	1.0	9.5	86	5.9	1	4	5	11	10	0	0	0	0	0	0	0	2	7	13	8	1	0	0	2	29	0	7	6	0	0	0	1	8	9
		9	1025.6	–	10.9	2.0	9.9	75	6.8	0	3	0	18	10	0	0	0	0	0	0	0	0	8	7	16	0	0	0	10	21	0	13	7	2	0	1	2	4	2
		15	1025.0	–	14.1	3.5	10.3	63	7.0	0	1	1	19	10	0	0	0	0	0	0	0	0	4	3	19	5	0	0	10	21	0	13	8	0	0	0	1	3	6
		21	1025.5	–	10.6	1.7	10.2	78	5.7	0	7	3	14	7	0	0	0	0	0	0	0	3	13	13	2	0	0	0	0	31	0	12	8	0	0	1	3	3	4
5 ENGLAND SE & CENT. S																																										
Greater London																																										
Heathrow	26	3	1024.2	–	8.6	1.1	9.6	84	5.4	1	7	4	10	9	0	0	0	0	0	0	1	8	13	8	1	0	0	2	26	3	10	4	0	0	1	2	7	4
		9	1024.9	+8.8	11.6	2.3	10.1	73	6.6	0	2	3	15	11	0	0	0	0	0	0	0	9	9	12	1	0	0	4	27	0	10	10	0	0	1	1	7	2
		15	1024.3	–	14.8	3.8	10.4	61	6.5	0	2	5	15	9	0	0	0	0	0	0	0	1	9	15	6	0	0	0	5	26	0	12	7	0	0	1	2	5	4
		21	1024.7	–	11.8	2.3	10.2	72	5.8	0	5	4	18	4	0	0	0	0	0	0	0	2	14	13	2	0	0	0	3	26	2	13	3	2	1	1	2	3	4
London	24	3	1024.1	–	9.7	1.6	9.6	79	5.4	2	5	6	9	9	0	0	0	0	0	0	0	10	9	11	1	0	0	8	23	0	11	7	0	1	3	0	4	5
Weather Centre (X)		9	1024.8	–	11.8	2.5	9.8	70	6.7	0	1	6	10	14	0	0	0	0	0	0	0	4	13	13	1	0	0	9	22	0	10	10	2	0	0	1	5	3
		15	1024.2	–	14.6	3.8	10.2	61	6.5	0	1	4	19	7	0	0	0	0	0	0	0	4	4	17	6	0	0	10	21	0	7	9	3	0	0	2	5	5
		21	1024.6	–	12.2	2.7	9.9	68	5.8	1	3	3	21	3	0	0	0	0	0	0	0	1	12	16	2	0	0	10	21	0	10	9	1	3	0	2	4	2
Wiltshire																																										
Lyneham	149	3	1025.4	–	7.7	0.9	9.3	87	6.3	0	3	5	10	13	0	0	0	0	1	2	3	7	11	6	1	0	0	6	23	2	6	6	1	0	1	4	3	8
		9	1025.9	+9.7	10.3	1.9	9.8	76	6.8	0	2	2	12	15	0	0	0	0	0	1	2	8	8	11	1	0	0	12	19	0	11	8	2	0	2	4	2	2
		15	1025.1	–	13.9	3.4	10.2	63	6.7	0	0	5	19	7	0	0	0	0	0	0	0	2	10	16	3	0	0	16	15	0	11	11	0	0	0	1	5	3
		21	1025.7	–	10.3	1.8	9.9	77	5.4	1	7	3	10	10	0	0	0	0	0	0	0	5	14	9	3	0	0	5	26	0	7	10	5	0	0	6	3	0
Berkshire																																										
Easthampstead	75	9	1025.3	–	10.9	2.0	10.0	76	6.4	0	5	0	13	13	0	0	0	0	0	0	2	7	5	15	2	0	0	1	30	0	14	5	1	0	0	0	5	6
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kent																																										
Langdon Bay	121	3	1023.3	–	7.1	0.5	9.6	93	5.9	1	6	2	7	13	2	1	0	1	0	0	1	7	6	15	0	0	1	14	12	4	14	3	0	0	0	4	1	5
		9	1024.1	–	10.0	1.3	10.3	83	6.8	0	0	5	15	9	2	1	1	0	0	1	1	6	9	12	0	0	1	15	12	3	11	8	0	1	1	4	0	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1024.1	–	8.1	0.6	10.0	91	5.5	3	4	4	7	13	0	0	0	0	0	0	0	9	6	16	0	0	2	12	12	5	9	8	0	0	0	3	3	3
Manston	45	3	1023.6	–	7.8	0.8	9.4	88	6.3	0	2	8	11	10	0	0	0	0	0	0	3	12	9	7	0	0	0	9	21	1	11	4	0	0	3	3	4	5
		9	1024.4	–	10.7	1.8	10.1	78	6.3	0	3	4	17	7	0	0	0	0	0	0	2	6	10	11	2	0	0	11	20	0	11	7	0	1	1	2	2	7
		15	1024.1	–	12.1	2.5	10.2	71	6.2	0	5	2	14	10	0	0	0	0	0	0	1	6	8	12	4	0	1	10	20	0	8	11	1	2	1	1	2	5
		21	1024.3	–	9.2	1.2	10.0	84	6.2	0	4	2	16	9	0	0	0	0	0	0	1	9	11	10	0	0	2	9	20	0	7	9	3	1	1	6	1	3
Ulcombe	47	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hampshire																																										
Solent	9	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
M R S C		9	1025.4	–	11.6	2.4	9.8	71	6.3	2	0	7	8	14	0	0	0	0	0	0	0	6	19	6	0	0	0	11	14	6	10	9	1	0	0	0	3	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1025.1	–	11.5	2.1	10.3	75	5.1	2	3	10	8	8	0	0	0	0	0	0	0	1	20	10	0	0	0	5	22	4	7	4	2	1	0	1	8	4
Southampton	9	3	1024.7	–	9.4	1.4	9.9	82	5.2	3	3	7	12	6	0	0	0	0	0	0	0	5	22	4	0	0	0	0	30	1	6	3	1	1	0	1	3	15
Weather Centre (X)		9	1025.4	–	11.8	2.6	9.7	69	6.3	0	4	5	8	14	0	0	0	0	0	0	0	5	11	15	0	0	0	2	29	0	7	7	0	0	2	2	3	10
		15	1024.7	–	15.1	3.9	10.4	60	5.7	0	4	7	11	9	0	0	0	0	0	0	0	1	15	15	0	0	0	1	30	0	11	4	0	2	7	1	2	4
		21	1025.2	–	12.5	2.4	10.7	72	5.0	2	4	8	12	5	0	0	0	0	0	0	0	4	15	12	0	0	0	0	30	1	9	4	1	2	0	2	6	6
Isle of Wight																																										
St Catherine's Point	16	3	–	–	9.0	1.3	9.5	82	4.8	3	6	7	4	11	0	0	0	0	0	1	0	0	1	4	22	3	0	0	8	18	5	6	3	5	0	0	0	6	6
		9	–	–	10.8	1.7	10.3	79	6.3	1	2	6	8	14	0	0	0	0	0	0	0	2	9	18	2	0	0	6	19	6	4	3	8	0	0	0	7	3
		15	–	–	12.0	2.1	10.6	76	5.4	0	8	3	11	8	1	0	0	0	1	0	0	0	1	9	16	4	0	0	5	23	3	3	1	8	0	1	0	12	3
		21	–	–	10.4	1.5	10.2	81	5.7	1	3	8	8	9	2	0	0	2	0	0	0	1	5	19	4	0	0	4	20	7	0	3	7	0	0	0	6	8
Wellow	25	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Sussex																																										
Gatwick	64	3	1024.4	–	6.9	0.8	9.0	89	5.8	2	3	5	8	13	0	0	0	1	0	0	1	4	14	7	4	0	0	0	2	23	6	10	2	2	0	6	2	0	3
		9	1025.0	+8.8	11.1	2.2	9.9	74	6.6	0	3	3	13	12	0	0	0	0	0	0	1	9	15	6	0	0	0	4	27	0	10	9	2	0	0	3	2	5
		15	1024.3	–	14.0	3.5	10.1	63	6.2	0	1	8	13	9	0	0	0	0	0	0	0	5	10	12	4	0	0	0	8	23	0	9	8	1	0	3	2	4	4
		21	1024.8	–	10.7	1.9	10.0	76	5.7	0	5	6	13	7	0	0	0	0	0	0	0	12	13	5	1	0	0	4	27	0	5	6	4	0	7	1	1	7
East Sussex																																										
Herstmonceux	25	3	1024.0	–	6.8	0.7	9.0	90	5.5	1	5	7	6	11	1	0	1	3	1	0	3	4	8	11	0	0	0	1	24	6	9	8	0	0	0	0	3	5
		9	1024.8	–	11.1	2.0	10.1	75	6.4	0	3	5	13	10	0	0	0	0	0	0	0	7	9	13	2	0	0	5	24	2	8	9	3	1	1	0	6	1
		15	1024.3	–	12.9	2.8	10.3	68	6.5	0	1	5	18	7	0	0	0	0	0	0	0	4	6	17	4	0	0	5	26	0	7	8	2	2	2	1	7	2
		21	1024.8	–	9.0	1.3	9.6	82	5.9	1	5	3	11	11	0	0	0	0	0	0	1	5	13	11	1	0	0	2	29	0	6	11	2	0	1	0	7	4
7A ENGLAND NW & I.o.M.																																										
Cumbria																																										
Aspatria	64	9	1026.5	–	10.7	1.8	10.1	77	6.9	0	2	0	17	12	0	0	0	0	0	0	0	2	4	17	8	0	0	10	21	0	5	6	3	0	0	4	7	6
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1026.1	–	9.9	1.3	10.3	83	5.5	0	5	5	17	4	0	0	0	0	0	0	0	3	4	12	12	0	0	5	24	2	0	4	6	0	1	6	9	3
Eskmeals	9	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Depression of wet bulb (degrees C)	Vapour pressure (mb)	Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
7A ENGLAND NW & I.o.M. - Continued																																												
Lancashire																																											
Aughton	56	3	1025.9	–	8.2	0.8	9.8	89	5.3	3	2	9	11	6	0	1	0	0	0	0	0	2	2	23	3	0	0	3	26	2	4	4	2	2	1	2	6	8
		9	1026.6	–	10.5	1.7	10.1	79	6.6	0	3	2	13	13	0	0	0	0	0	0	0	2	7	17	5	0	0	3	27	1	2	3	4	1	1	1	8	10
		15	1026.1	–	12.9	2.8	10.3	68	5.8	0	3	9	14	5	0	0	0	0	0	0	0	0	3	14	14	0	0	13	18	0	1	3	3	0	0	1	11	12
		21	1026.2	–	10.1	1.4	10.3	83	5.6	0	3	10	10	8	0	0	0	0	0	0	1	3	18	9	0	0	0	2	29	0	3	3	4	0	0	2	10	9
Squires Gate	11	9	1026.6	+ 11.2	10.8	1.9	10.0	76	6.6	1	1	2	19	8	0	0	0	0	0	0	0	3	7	19	2	0	0	0	11	20	0	4	3	5	0	0	3	8	8
		15	1026.1	–	12.4	2.6	10.2	70	6.5	0	3	1	22	5	0	0	0	0	0	0	0	1	2	13	15	0	0	0	16	15	0	1	2	1	0	0	1	12	14
Merseyside																																											
Crosby	9	3	1025.7	–	8.6	0.8	10.1	89	5.3	2	4	7	8	10	0	0	0	0	1	0	0	0	5	23	2	0	2	8	17	4	4	1	3	1	0	2	6	10
		9	1026.5	–	10.8	1.6	10.4	80	6.8	1	1	4	6	19	0	0	0	0	0	0	0	5	8	17	1	0	1	9	19	2	0	3	4	1	2	1	8	10
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greater Manchester																																											
Ringway	84	3	1025.7	–	8.1	1.1	9.4	85	5.7	2	4	4	13	8	0	0	0	0	0	1	1	5	18	6	0	0	0	0	29	2	7	2	1	1	5	1	6	6
		9	1026.3	+ 10.8	10.6	2.1	9.6	73	6.6	0	2	2	17	10	0	0	0	0	0	0	3	1	13	13	1	0	0	4	27	0	5	6	0	0	3	2	7	8
		15	1025.7	–	13.7	3.7	9.5	60	6.5	0	0	6	19	6	0	0	0	0	0	0	0	2	7	16	6	0	0	12	19	0	6	4	1	0	0	2	6	12
		21	1026.0	–	10.8	2.0	9.9	75	6.1	1	3	3	19	5	0	0	0	0	0	0	1	0	18	12	0	0	0	0	2	29	0	3	5	2	0	1	1	13	6
Isle of Man																																											
Calf of Man	93	3	–	–	–	–	–	–	5.5	1	3	9	11	6	1	0	0	1	0	0	0	3	1	24	2	0	1	11	18	1	16	0	4	2	0	1	3	4
		9	–	–	–	–	–	–	6.1	0	3	5	12	8	3	1	0	3	0	0	0	0	2	21	4	0	1	9	21	0	14	2	5	1	2	1	3	3
		15	–	–	–	–	–	–	5.5	0	4	9	11	7	0	0	0	0	0	0	1	0	4	19	7	0	2	9	19	1	15	0	1	3	3	4	1	3
		21	–	–	–	–	–	–	5.6	0	2	15	8	6	0	0	0	0	0	0	1	1	0	22	7	0	1	9	20	1	16	1	4	0	2	0	3	4
Point of Ayre	11	3	1026.0	–	8.8	0.6	10.4	91	5.1	2	6	7	7	9	0	0	0	0	0	0	1	1	1	15	14	0	0	15	12	4	3	6	0	0	0	0	3	8	7
		9	1026.5	+ 11.5	10.9	1.4	10.9	83	6.2	1	2	5	11	11	1	0	0	0	1	0	0	0	0	24	6	0	1	13	16	1	2	5	3	1	0	3	11	5
		15	1026.2	–	13.2	2.0	11.8	77	5.7	0	5	5	12	9	0	0	0	0	0	0	1	0	21	9	0	1	13	16	1	2	1	3	1	0	4	10	9
		21	1026.1	–	10.1	0.8	11.1	90	5.4	1	4	6	14	6	0	0	0	0	0	0	0	3	20	8	0	2	10	17	2	1	2	2	1	0	3	8	12
Ronaldsway	21	3	1026.2	–	8.7	1.0	9.9	87	5.2	3	4	4	14	6	0	0	0	0	0	0	0	4	10	8	9	0	0	13	17	1	14	2	1	0	0	2	5	6
		9	1026.9	+ 11.8	10.7	1.9	9.9	76	6.0	0	4	2	21	4	0	0	0	0	0	0	0	7	6	11	7	0	0	14	17	0	3	4	5	0	3	4	3	9
		15	1026.6	–	12.6	2.6	10.2	70	5.1	0	9	3	16	3	0	0	0	0	0	0	0	3	9	9	10	0	1	16	14	0	1	1	4	2	4	6	1	12
		21	1026.6	–	9.9	1.4	10.0	81	4.9	0	6	9	13	3	0	0	0	0	0	0	0	3	9	10	9	0	0	13	15	3	7	2	2	0	1	2	6	8
7B WALES N																																											
Gwynedd																																											
Nantmor	52	9	–	–	11.6	1.9	10.7	78	6.3	1	3	5	8	14	0	0	0	0	1	0	0	4	6	0	20	0	0	3	21	7	13	1	0	0	7	0	3	0
		21	–	–	10.7	1.6	10.4	80	5.1	2	7	5	5	12	0	0	0	1	0	0	0	4	14	0	12	0	0	2	16	13	16	1	0	0	0	0	1	0
Valley	11	3	1026.4	–	8.9	0.7	10.4	90	5.7	2	5	2	12	9	1	0	0	1	0	1	1	3	6	16	3	0	0	4	24	3	12	1	4	0	5	0	4	2
		9	1027.2	+ 12.0	11.0	1.6	10.6	80	6.2	0	3	4	17	7	0	0	0	0	1	0	1	2	7	16	4	0	0	0	11	20	0	13	2	2	0	4	1	4	5
		15	1026.9	–	13.2	2.7	10.6	70	5.2	0	6	5	18	2	0	0	0	0	0	0	0	4	6	11	10	0	0	0	15	16	0	9	4	1	0	3	5	3	6
		21	1026.9	–	10.0	1.1	10.6	86	4.7	1	7	8	11	4	0	0	0	0	0	0	0	5	4	16	6	0	0	5	25	1	13	4	0	1	4	5	1	2
Clwyd																																											
Moel-y-Crio	263	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8A WALES S																																											
Dyfed																																											
Aberporth	134	3	1026.3	–	8.5	0.8	10.0	89	4.9	3	6	4	9	8	1	0	0	0	3	0	3	4	8	11	2	0	1	10	20	0	8	4	2	0	5	4	3	5
		9	1026.9	+ 11.5	10.2	1.3	10.4	83	6.3	0	4	2	15	9	1	0	0	2	0	1	0	6	11	8	3	0	0	10	21	0	11	4	0	0	1	1	8	6
		15	1026.7	–	11.4	1.6	10.9	80	4.6	1	10	4	11	5	0	0	0	1	0	0	0	6	10	11	3	0	1	14	16	0	9	2	0	0	0	1	9	10
		21	1026.7	–	9.7	1.1	10.4	86	4.9	0	9	3	15	4	0	0	1	0	1	1	1	4	7	10	6	0	0	0	11	18	2	10	2	2	1	3	5	4	2
Brawdy	116	3	1026.6	–	7.7	0.5	9.9	92	4.7	3	7	4	10	6	1	0	1	1	2	2	1	3	8	10	3	0	1	8	22	0	13	6	2	1	0	3	4	2
		9	1027.1	–	10.5	1.3	10.7	83	6.2	0	2	8	12	9	0	0	0	1	2	0	1	5	10	10	2	0	1	16	14	0	15	5	2	0	2	3	1	3
		15	1026.8	–	12.2	2.2	10.5	74	4.3	0	13	4	11	3	0	0	0	1	0	1	0	7	6	10	6	0	2	23	6	0	19	3	0	0	0	5	3	1
		21	1027.1	–	8.7	0.7	10.2	90	4.9	0	9	6	11	4	1	0	2	0	0	1	1	4	5	12	6	0	0	7	24	0	15	5	1	0	0	5	3	2
Milford Haven	39	3	1026.8	–	8.8	0.6	10.4	91	4.5	5	6	4	8	4	4	0	0	2	2	0	0	3	7	17	0	0	0	2	19	10	13	1	1	0	1	0	3	2
		9	1027.3	+ 11.6	11.4	1.5	11.1	82	5.9	1	2	6	10	12	0	0	0	0	0	1	0	4	15	11	0	0	0	8	22	1	16	2	2	0	2	3	2	3
		15	1027.1	–	13.6	2.6	11.2	72	4.9	0	7	9	8	6	1	0	0	0	1	0	0	5	11	14	0	0	0	0	11	20	0	17	0	0	0	2	6	4	2
		21	1027.2	–	10.4	1.2	10.8	85	4.6	4	5	8	6	7	1	0	0	1	1	0	0	6	7	16	0	0	0	0	5	24	2	17	1	0	0	0	3	5	3
West Glamorgan																																											
Mumbles Head	32	3	1026.1	–	9.4	0.7	10.7	90	5.1	2	7	6	3	9	4	0	1	2	1	1	0	2	7	17	0	0	0	0	8	20	3	10	4	4	0	0	2	4	4
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1026.5	–	11.3	1.3	11.4	84	4.8	1	9	7	4	9	1	0	0	2	1	0	0	4	12	12	0	0	0	0	13	16	2	13	1	3	0	1	0	5	6
Mid Glamorgan																																											
Cwmbargoed	372	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
South Glamorgan																																											
Rhoose	74	3	1025.7	–	8.5	0.9	9.9	87	6.1	0	2	7	10	12	0	0	2	1	1	0	2	3	8	14	0	0	0	2	25	4	5	5	2	0	0	0	8	7
		9	1026.3	+ 10.3	11.1	1.6	10.7	80	6.9	0	1	1	18	11	0	0	0	0	2	1	2	4	11	10	1	0	0	9	21	1	7	9	0	1	0	5	5	3
		15	1025.5	–	14.2	2.9	11.2	69	5.8	0	5	3	17	6	0	0	0	0	0	0	0	4	9	17	1	0	0	15	16	0	3	4	5	1	0	2	14	2
		21	1026.1	–	10.5	1.4	10.5	82	6.2	0	2	6	16	7	0	0	0	2	0	0	3	1	13	12	0	0	0	0	9	20	2	6	7	0	0	0	0	9	7
8B ENGLAND SW																																											
Avon																																											
Bristol	40	3	1025.5	–	9.9	1.6	9.8	79	6.6	0	1	5	12	13	0	0	0	0	2	0	0	0	8	14	7	0	0	0	0	20	11	3	10	1	1	0	1	3	1
Weather Centre (X)		9	1026.2	+ 10.2	11.8	2.7	9.6	68	6.4	0	2	5	16	8	0	0	0	0	0	0	1	8	12	8	2	0	0	3	24	4	7	9	3	0	0	1	5	2
		15	1025.3	–	15.0	4.1	9.9	57	5.9	1	0	7	19	4	0	0	0	0	0	0	0	3	13	12	3	0	0	8	23	0	7	10	3	0	0	0	9	2
		21	1025.8	–	12.3	2.6	10.2	71	5.5	0	5	6	12	8	0	0	0	0	0	0	0	6	13	11	1	0	0	0	29	2	6	7	4	0	0	4	4	4

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Wind speed and direction: Beaufort force: 6-7	Wind speed and direction: Beaufort force: 4-5	Wind speed and direction: Beaufort force: 1-3	Wind speed and direction: Beaufort force: Calm	Wind speed and direction: Speed (kn): 34 or more	Wind speed and direction: Speed (kn): 22-33	Wind speed and direction: Speed (kn): 11-21	Wind speed and direction: Speed (kn): 1-10	Wind speed and direction: Speed (kn): 0	Wind speed and direction: N	Wind speed and direction: NE	Wind speed and direction: E	Wind speed and direction: SE	Wind speed and direction: S	Wind speed and direction: SW	Wind speed and direction: W	Wind speed and direction: NW
									Number of observations																																	
8B ENGLAND SW - Continued																																											
Somerset																																											
Tivington	83	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1026.8	–	10.9	1.5	10.7	81	6.3	0	5	2	12	12	0	1	0	1	1	0	1	11	10	6	0	0	0	2	29	0	3	2	7	1	0	2	10	6
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Yeovilton	23	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dorset																																											
Hurn	11	3	1025.0	–	7.5	0.7	9.5	90	5.8	2	2	6	11	10	0	0	0	0	2	1	1	5	15	7	0	0	0	2	26	3	10	2	0	1	0	2	6	7
		9	1025.5	+8.9	12.0	2.3	10.3	73	6.4	0	2	6	13	10	0	0	0	0	0	0	0	6	12	11	2	0	0	8	23	0	12	5	0	1	3	1	4	5
		15	1024.8	–	14.9	3.5	10.9	63	5.9	0	4	7	14	6	0	0	0	0	0	0	0	5	5	20	1	0	0	9	22	0	11	3	1	2	6	2	2	4
		21	1025.3	–	11.0	1.6	10.7	80	5.1	2	5	8	11	5	0	0	0	0	0	0	0	8	11	12	0	0	0	2	29	0	12	4	0	0	2	0	7	6
Portland	54	9	1025.9	–	11.0	1.8	10.3	77	6.4	1	0	7	12	10	1	0	0	0	1	0	1	6	12	11	0	0	0	10	19	2	7	7	3	1	0	0	4	7
Bill C.G.		15	1025.4	–	12.9	2.4	10.9	73	5.6	2	0	11	11	7	0	0	0	0	0	0	1	8	12	10	0	0	0	5	26	0	3	2	5	2	1	4	7	7
Devon																																											
Exeter	38	3	1025.7	–	8.7	0.9	10.0	88	5.9	1	3	6	12	9	0	0	0	0	0	1	2	6	16	6	0	0	0	0	28	3	7	4	2	0	0	1	2	12
		9	1026.1	+9.9	12.1	2.3	10.4	73	6.5	0	2	4	19	6	0	0	0	0	0	0	0	3	13	14	1	0	0	9	22	0	14	6	1	0	0	0	2	8
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lundy	43	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	12.7	1.9	11.5	79	5.0	2	5	8	9	6	1	1	0	1	0	0	1	3	16	7	2	0	3	15	12	1	18	3	2	0	0	2	3	2
		21	–	–	11.0	1.2	11.1	85	4.6	1	9	6	5	8	2	1	0	3	0	0	1	0	9	16	1	0	1	16	13	1	19	1	2	0	0	0	5	3
Mount Batten	28	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1026.5	+10.4	–	–	–	–	5.6	0	6	3	17	5	0	0	0	0	1	0	0	3	10	16	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	1025.9	–	–	–	–	–	5.4	0	5	7	17	2	0	0	0	0	1	0	0	1	6	20	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1026.5	–	–	–	–	–	5.0	0	9	4	16	2	0	0	0	0	0	0	0	3	13	13	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cornwall																																											
Camborne	88	3	1026.4	–	9.0	0.7	10.5	90	4.9	2	7	7	4	11	0	1	1	0	1	1	0	4	8	15	0	0	0	11	18	2	14	5	2	0	0	0	4	4
		9	1027.0	–	10.9	1.4	10.9	82	6.0	1	3	5	10	11	1	0	2	1	0	1	0	6	10	10	1	0	2	15	14	0	19	2	2	0	0	0	4	4
		15	1026.9	–	11.9	1.7	11.2	80	5.5	0	6	4	17	4	0	0	0	0	1	1	2	8	9	9	1	0	3	23	5	0	21	0	2	0	0	0	4	4
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Culdrose	84	3	1026.1	–	9.3	0.8	10.6	89	4.2	3	12	3	4	9	0	0	0	2	1	0	0	6	5	17	0	0	0	7	24	0	10	11	4	0	0	0	2	4
		9	1026.6	–	11.7	1.6	11.3	82	6.1	0	3	6	12	10	0	0	1	0	0	0	1	7	10	12	0	0	1	12	18	0	7	10	6	0	0	2	3	3
		15	1026.4	–	13.8	2.4	11.7	74	5.5	0	6	5	15	5	0	0	0	0	0	0	0	4	13	14	0	0	2	16	13	0	16	5	5	0	0	1	3	1
		21	1026.8	–	10.2	1.0	10.9	87	4.6	0	9	10	5	7	0	0	1	2	0	0	1	3	12	12	0	0	1	7	22	1	15	6	3	0	0	0	2	4
Gwennap Head	70	3	1026.4	–	9.4	1.0	10.3	87	4.9	3	6	7	4	9	2	2	1	0	0	0	2	1	6	15	4	0	2	21	8	0	13	4	1	0	1	0	5	7
		9	1027.0	–	11.3	1.9	10.4	78	6.2	1	2	6	9	8	5	2	2	1	0	0	0	7	7	11	1	0	6	15	8	2	14	2	5	0	0	1	3	4
		15	1027.0	–	12.7	2.5	10.6	72	6.1	1	0	9	10	8	3	0	1	1	1	0	0	6	11	10	1	0	2	19	10	0	9	1	3	0	1	1	7	9
		21	1027.1	–	9.9	1.1	10.5	85	5.3	3	3	9	5	8	3	1	1	1	0	0	1	5	8	12	2	0	1	24	5	1	12	2	2	0	0	3	2	9
St Mawgan	107	3	1026.3	–	8.9	0.7	10.4	90	5.0	3	5	6	8	9	0	0	2	2	1	1	0	5	4	15	1	0	0	5	25	1	13	4	3	0	0	0	6	4
		9	1026.9	+10.8	11.3	1.5	11.0	81	5.9	0	5	3	15	7	1	0	2	1	0	0	2	8	4	11	3	0	1	13	17	0	17	0	4	0	0	0	6	4
		15	1026.6	–	13.0	2.3	11.2	75	5.5	0	5	7	12	7	0	0	1	1	0	0	0	4	10	12	3	0	1	21	9	0	18	1	2	0	0	0	6	4
		21	1026.9	–	10.1	0.9	10.9	88	4.7	1	9	5	7	8	1	0	3	1	0	0	2	4	6	13	2	0	0	7	24	0	14	3	2	0	1	0	7	4
CHANNEL ISLANDS																																											
Channel Islands																																										
Guernsey	107	3	1024.7	–	8.9	0.8	10.3	90	5.1	3	6	4	11	7	0	0	2	0	1	0	2	5	11	10	0	0	1	12	18	0	10	9	2	0	0	0	2	8
Airport		9	1025.3	–	10.8	1.4	10.8	82	6.1	1	4	1	16	9	0	0	3	0	0	1	2	4	10	10	1	0	0	15	16	0	11	8	1	0	2	0	5	4
		15	1025.1	–	12.2	2.2	10.7	75	5.6	0	7	1	20	3	0	0	0	1	0	0	2	6	11	9	2	0	3	12	16	0	8	10	0	0	0	0	6	7
		21	1025.3	–	9.7	0.9	10.7	88	4.7	2	8	5	11	5	0	0	3	1	.0	0	2	7	8	8	2	0	1	10	20	0	8	7	2	0	0	0	8	6
Jersey Airport	94	3	1024.3	–	8.9	0.7	10.5	91	5.2	4	4	5	8	10	0	1	0	1	1	1	1	5	13	7	1	0	1	9	20	1	12	5	4	0	0	0	4	5
		9	1025.1	+8.5	11.1	1.7	10.5	80	6.1	0	5	4	8	14	0	0	1	2	0	1	3	4	6	14	0	0	0	12	17	2	8	6	4	1	0	0	6	4
		15	1024.9	–	12.6	2.5	10.5	72	5.2	1	9	1	13	7	0	1	0	1	1	0	0	5	6	15	2	0	2	21	8	0	13	4	3	0	0	0	5	6
		21	1025.1	–	9.8	1.1	10.5	86	4.6	3	8	3	12	5	0	1	3	1	0	0	0	5	8	12	1	0	1	8	20	2	9	6	3	0	0	0	6	5
NORTHERN IRELAND																																										
Antrim																																										
Aldergrove	73	3	1027.2	–	8.0	0.7	9.9	90	5.6	2	6	2	9	12	0	0	0	0	1	0	1	1	11	12	5	0	0	3	26	2	9	1	2	1	2	4	4	6
		9	1027.4	+12.7	10.8	1.6	10.4	80	6.3	1	2	3	17	8	0	0	0	0	0	0	1	2	4	13	11	0	0	9	22	0	5	1	2	0	2	7	4	10
		15	1027.1	–	13.6	3.0	10.6	68	6.1	0	4	4	17	6	0	0	0	0	0	0	0	0	4	11	16	0	1	13	17	0	6	1	3	2	0	4	5	10
		21	1027.4	–	10.0	1.3	10.4	84	5.5	0	6	5	13	7	0	0	0	0	0	0	0	3	8	16	4	0	0	6	23	2	10	0	2	3	0	3	2	9
Londonderry																																										
Carmoney	73	9	–	–	10.6	1.3	10.7	83	6.7	0	3	2	9	17	0	0	0	0	0	0	0	0	0	31	0	0	0	5	25	1	5	5	0	1	2	7	6	4
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Down																																										
Long Kesh	39	3	1027.2	–	7.8	0.7	9.6	89	5.9	2	3	3	15	8	0	0	0	0	0	0	1	3	9	18	0	0	0	1	26	4	1	0	3	0	0	2	12	9
		9	1027.5	–	11.3	1.9	10.3	76	6.6	0	2	3	15	11	0	0	0	0	0	0	0	6	7	13	5	0	1	2	28	0	5	3	2	2	0	0	12	7
		15	1027.0	–	14.1	3.2	10.6	65	6.3	0	2	4	17	8	0	0	0	0	0	0	1	1	4	16	9	0	0	8	23	0	7	1	4	1	0	0	7	11
		21	1027.4	–	10.5	1.5	10.4	81	5.0	0	8	7	9	7	0	0	0	0	0	0	0	2	8	21	0	0	0	3	27	1	9	2	4	1	0	0	7	7
Tyrone																																										
Carrigans	113	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fermanagh																																										
Corgary	144	9	1028.2	–	10.7	1.5	10.5	81	6.5	0	3	2	13	13	0	0	0	0	0	0	1	11	5	8	6	0	0	11	14	6	2	1	3	0	3	2	6	8

Table 5 Number of days with max. and min. temperatures between given limits — May 1991

Station	Maximum (deg C)								Minimum (deg C)								Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0		0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	0	13	18	0	0	0	0	0	0	0	0	12	19	0	0	Lowestoft	0	0	6	16	7	2	0	0	0	0	0	0	6	21	4	0
Kirkwall	0	0	6	25	0	0	0	0	0	0	0	0	6	25	0	0	Shawbury	0	0	1	15	12	3	0	0	0	0	0	2	11	15	3	0
Stornoway	0	0	5	24	2	0	0	0	0	0	0	0	5	25	1	0	Elmdon	0	0	0	17	10	4	0	0	0	0	0	2	8	14	7	0
Braemar	0	0	3	17	11	0	0	0	0	0	0	1	15	14	1	0	Heathrow	0	0	1	13	11	6	0	0	0	0	0	0	5	20	6	0
Craibstone	0	0	4	19	8	0	0	0	0	0	0	0	10	20	1	0	Southampton	0	0	0	12	15	4	0	0	0	0	0	0	5	14	12	0
Dunstaffnage	0	0	0	26	5	0	0	0	0	0	0	0	5	25	1	0	Hastings	0	0	2	21	8	0	0	0	0	0	0	0	9	20	2	0
Abbotsinch	0	0	0	10	20	1	0	0	0	0	0	2	7	18	4	0	Douglas	0	0	1	19	11	0	0	0	0	0	0	0	4	21	6	0
Rothesay	0	0	0	19	11	1	0	0	0	0	0	0	7	21	3	0	Ringway	0	0	0	18	13	0	0	0	0	0	0	0	11	13	7	0
Eskdalemuir	0	0	1	23	6	1	0	0	0	0	0	7	6	16	2	0	Valley	0	0	0	21	10	0	0	0	0	0	0	0	4	23	4	0
Boulmer	0	0	7	16	8	0	0	0	0	0	0	0	9	18	4	0	Aberporth	0	0	7	17	7	0	0	0	0	0	0	0	4	23	4	0
Leeming	0	0	2	16	12	1	0	0	0	0	0	0	11	15	5	0	Rhoose	0	0	0	17	13	1	0	0	0	0	0	0	6	21	4	0
Hull	0	0	2	15	12	2	0	0	0	0	0	0	6	17	8	0	Falmouth	0	0	1	15	11	4	0	0	0	0	0	0	1	19	11	0
Cranwell	0	0	4	14	11	2	0	0	0	0	0	0	14	11	6	0	Aldergrove	0	0	0	17	14	0	0	0	0	0	0	0	6	21	4	0
Cambridge N I A B	0	0	4	13	10	4	0	0	0	0	0	1	7	18	5	0	Armagh	0	0	0	18	12	1	0	0	0	0	0	1	6	19	5	0

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn		Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time
0 SCOTLAND N																				
Shetland	Fair Isle	71	10	10	21	3	5	35	389	255	62	0	11.6	270	35	21 16	280	59	21	1824
	Lerwick	93	10	10	21	12	7	48	388	242	54	0	12.5	260	40	21 15	260	61	21	1512
	Sella Ness	16	10		21 22	16	8	41	415	237	35	0	13.3	270	44	21 18	270	59	21	1554
	Sumburgh	35	10	10	21	10	8	42	368	266	58	0	12.2	270	38	21 15	280	60	21	1954
Orkney	Kirkwall Airport	41	15	10	21	11	8	34	387	275	37	0	12.3	260	41	21 15	290	60	21	1542
Western Isles	Benbecula	16	10	10		0	2	5	364	355	20	0	11.2	270	25	21 09	240	42	21	0836
	Butt Of Lewis	43	10	10	21	11	11	82	434	195	21	1	13.9	250	36	21 08	250	50	21	0906
	Stornoway	12	10	10		0	3	13	233	355	143	0	8.5	250	24	21 07	240	44	21	0718
Highland	Aviemore	250	10	10		0	2	5	113	455	171	0	6.6	200	23	21 07	200	40	19	1418
	Dalcross	20	10	10		0	2	6	199	425	114	0	8.2	240	26	21 11	240	42	21	1200
	Duirinish	38	20	17		0	3	21	214	418	89	2	8.9	300	28	21 11	300	40	21	1100
	Invergordon Harbour	19	16	06	21	3	4	21	142	388	177	13	7.8	260	37	21 10	270	56	21	1048
	Shin	24	10	10		0	1	6	123	388	227	0	6.3	260	25	21 10	260	48	21	1236
	Wick	45	10	10		0	3	19	279	363	83	0	10.0	280	33	21 14	250	48	21	1718
1 SCOTLAND E																				
Grampian	Aberdeen, Dyce Airport	68	10	10		0	4	10	242	354	138	0	8.7	270	25	21 13	260	38	21	1236
	Cairngorm	1075	10	10	12 15 19-21	41	15	108	296	220	59	20	14.6	280	44	21 12	270	70	21	0954
	Kinloss	18	13	13		0	2	18	199	381	146	0	8.3	270	29	21 13	250	41	19	1518
	Lossiemouth	17	10	10		0	2	10	213	358	163	0	7.9	270	28	21 11	270	47	21	1242
	Peterhead Harbour	34	30	15		0	1	4	249	417	74	0	8.8	260	27	21 10	250	39	21	1036
Tayside	Mylnefield	40	10	10		0	0	0	68	437	239	0	5.9	230	20	21 10	230	34	21	1054
	Tummel Bridge	161	16	16	Defective record															
	Perth Aerodrome	118	10	10		0	1	1	138	441	164	0	7.1	280	23	21 14	260	35	21	1530
	Rannoch	307	17	17		0	2	4	237	393	110	0	8.7	280	27	21 13	280	40	21	1324
Fife	Leuchars	25	13	13		0	2	4	194	403	143	0	8.0	250	24	20 13	240	37	20	1330
Lothian	Edinburgh Turnhouse Airport	43	13	10		0	3	6	214	408	116	0	8.2	270	26	21 16	270	46	21	1548
	Royal Observatory, Blackford Hill	159	10	10		0	7	23	343	319	50	9	11.0	010	25	4 00	010	37	4	0030
	Forth Road Bridge	72		72		0	7	58	368	271	47	0	12.0	240	31	21 16	220	44	21	1236
	Leith	15	09			0	8	52	392	239	56	5	12.1	240	31	21 16	240	45	21	1106
Borders	Charter Hall	112		10		0	2	7	182	431	124	0	7.9	270	24	20 00	270	44	20	0018
6 SCOTLAND W																				
Strathclyde	Abbotsinch Airport	16	10	10		0	1	2	216	416	110	0	8.2	260	24	21 10	250	38	21	1024
	Blairlinnans	145	13	12	Defective record															
	Dunstaffnage	13	10	10		0	0	0	125	451	142	26	7.2	320	18	2 15	270	26	21	1200
	Greenock Port	51	49		21	1	9	25	391	224	29	74	12.3	270	34	21 16	270	45	21	1600
	Inchterf	55	15	12		0	1	4	172	405	163	0	7.4	260	31	21 15	250	52	21	1524
	Lowther Hill	754	27																	
	Machrihanish	10	10	10		0	1	1	304	372	67	0	9.4	320	23	3 21	320	33	3	2142
	Prestwick Airport	21	10	10		0	2	4	228	422	90	0	8.6	310	25	15 07	300	35	15	0754
	Salsburgh	275	15	11	Defective record															
	Tiree	21	11	10		0	1	3	418	296	27	0	11.7	010	23	4 18	240	31	21	0406
Dumfries & Galloway	Chapelcross	64	15	15		0	1	2	198	433	111	0	8.1	050	25	1 09	050	36	1	0906
	Dumfries, Drungans	28	13	10		0	0	0	23	457	264	0	5.1	230	13	12 13	330	25	15	0842
	Eskdalemuir	259	10	10		0	1	1	126	428	189	0	7.0	030	22	1 05	010	37	1	0600
	West Freugh	24	10	10		0	1	3	273	354	111	3	8.8	320	23	15 12	330	35	15	1212
	Whithorn	40	15			0	1	4	368	320	52	0	10.2	310	25	15 09	310	41	15	0912

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day	Hour beginning	Veer from N	Speed-kn	Day Time
2 ENGLAND E & N E																				
Northumberland	Blyth	19	10	10	Defective record															
	Boulmer	33	10	10		0	1	3	229	407	105	0	8.6	260	24	21	05	260	39	21 1724
Tyne & Wear	South Shields	22	17	13	Defective record															
Durham	Burnhope	244	10	10		0	0	0	200	471	73	0	8.3	270	21	21	16	270	36	21 1554
Cleveland	Hartlepool	15	10	10		0	5	21	286	382	54	1	10.5	010	25	1	03	010	39	1 0342
North Yorkshire	Church Fenton	18	10	10		0	1	1	132	419	192	0	6.8	270	23	21	12	270	34	21 1212
	Fylingdales	242	10	10		0	7	17	329	320	72	6	10.4	020	23	1	01	300	40	13 1806
	Leeming	42	10	10		0	0	0	170	387	187	0	7.3	250	21	20	12	250	32	21 1830
	Linton-on-Ouse	24	10	10		0	0	0	163	434	147	0	7.4	360	20	1	14	270	32	13 1512
Humberside	Bridlington MRSC	31	16	18																
	Spurn Point	17	10	10		0	6	52	286	296	104	6	10.6	350	25	1	13	340	40	2 1448
Lincolnshire	Coningsby	16	10	10		0	0	0	189	418	137	0	7.9	350	21	1	17	330	35	15 1430
	Cranwell	68	13	13		0	0	0	190	418	136	0	8.0	010	19	1	15	360	30	2 1300
	Scampton	68	10	10		0	0	0	159	471	114	0	7.8	030	20	1	07	030	30	1 0918
	Waddington	80	10	10		0	0	0	181	455	108	0	7.8	020	20	1	10	020	34	1 1042
3 EAST ANGLIA																				
Norfolk	Coltishall	27	10	10		0	1	1	211	379	153	0	7.8	020	22	1	14	030	38	1 1206
	Gorleston	16	13	13	Defective record															
	Hemsby	26	13	13		0	5	22	268	335	119	0	9.6	340	24	3	11	340	39	3 1130
	Marham	29	10	10		0	4	6	236	352	150	0	8.5	010	22	1	15	010	36	1 1512
Cambridgeshire	Wittering	87	10	10		0	0	0	171	450	123	0	7.8	360	18	1	17	010	32	1 1012
	Wyton	45	10	10		0	1	1	192	400	151	0	7.6	010	22	1	16	360	35	1 1600
Suffolk	Honington	60	13	13		0	0	0	187	409	148	0	7.6	350	19	3	09	360	33	1 1836
	Wattisham	105	16	10		0	0	0	238	404	102	0	8.6	010	21	1	11	010	36	1 1224
Bedfordshire	Bedford	93	12	10		0	1	1	231	421	91	0	8.5	020	22	1	11	020	32	1 1148
Essex	Shoeburyness	12	10	10		0	0	0	176	439	129	0	7.4	360	19	1	13	360	32	1 1312
	Stansted	108	10	10		0	0	0	191	422	131	0	7.8	360	19	2	16	030	31	1 1736
	Walton On Naze	10	10	10		0	0	0	232	411	101	0	8.1	350	19	4	19	010	31	1 1542
4 MIDLAND COUNTIES																				
West Yorkshire	Leeds Weather Centre	43	10	10		0	1	1	147	514	82	0	7.3	300	24	20	14	300	36	20 1400
	Wilsden	272	10	10		0	0	0	188	468	87	1	8.3	270	20	21	22	270	33	20 0754
South Yorkshire	Finningley	19	10	10		0	0	0	158	451	135	0	7.6	270	21	21	13	010	35	2 1148
	High Bradfield	405	10	10		0	6	23	418	279	24	0	11.7	260	26	13	14	290	39	20 1412
	Sheffield University	146	29	15		0	0	0	140	488	116	0	7.3	360	17	1	04	360	35	1 0454
Nottinghamshire	Nottingham Weather Centre	133	16	10		0	0	0	85	521	138	0	6.6	020	17	1	06	010	34	1 0624
Staffordshire	Cellarhead	241	13	8		0	0	0	53	492	186	13	6.0	300	16	11	12	310	26	15 1042
	Keele	162	10	10		0	0	0	96	532	116	0	7.0	060	18	1	12	060	29	1 1506
Shropshire	Shawbury	84	12	10		0	0	0	137	464	143	0	7.1	330	19	15	10	330	30	15 1006
West Midlands	Birmingham Elmdon Airport	108	10	10		0	0	0	91	539	114	0	6.9	320	17	15	14	320	29	15 1342
Hereford & Worcs	Preston Wynne	97	13	13	Defective record															
Oxfordshire	Benson	67	10	10		0	0	0	86	401	257	0	5.8	030	18	1	10	360	29	1 1354
	Brize Norton	91	13	10		0	0	0	202	467	75	0	8.2	010	18	1	15	010	30	1 1554
	Oxford	113	50	22		0	0	0	115	529	100	0	7.3	030	18	1	09	020	32	1 1336
5 ENGLAND S E & CENTRAL																				
Greater London	Heathrow Airport	34	10	10		0	0	0	44	487	213	0	5.8	010	14	1	13	350	30	1 2054
	London Weather Centre	93	70	38		0	0	0	259	446	39	0	9.1	020	21	1	19	360	37	4 2354
	Northolt	49	15	12		0	0	0	90	422	232	0	6.2	010	17	1	13	350	32	1 1336
Wiltshire	Boscombe Down	130	17	17		0	0	0	140	492	112	0	7.4	010	20	1	14	360	32	1 1454
	Larkhill	155	10	10		0	0	0	148	458	138	0	7.4	010	20	1	14	360	33	1 1448
	Lyneham	156	10	10		0	0	0	202	451	88	3	8.1	020	21	1	15	010	34	1 1448
Kent	East Malling	33	12	10		0	0	0	49	342	353	0	4.3	020	16	1	13	020	34	1 1330
	Gravesend	25	20			0	0	0	169	422	153	0	7.3	030	20	1	13	020	37	1 1424
	Langdon Bay	117	12	12		0	7	36	311	287	110	0	10.4	010	30	1	17	010	43	1 1918
	Lydd Ranges	1	10	10	Defective record															
	Manston	62	10	10		0	1	4	199	387	154	0	7.9	360	24	1	17	270	39	21 1612
	Sheerness	50	44	10		0	8	86	263	325	70	0	11.7	010	29	1	13	010	43	1 1318
Hampshire	Farnborough	75	10	10		0	0	0	69	479	196	0	6.1	320	16	15	15	020	27	1 1330
	Middle Wallop	94	10	10	Defective record															
West Sussex	Gatwick Airport	69	13	13		0	0	0	116	423	205	0	6.5	010	18	1	20	010	29	1 1912
	Shoreham-by-Sea	21	11	15	Defective record															
East Sussex	Herstmonceux	27	10	10		0	0	0	73	423	248	0	5.8	030	16	14	07	020	31	1 1442
7A ENGLAND N W & I O M																				
Cumbria	Carlisle	41	15	9		0	0	0	127	428	189	0	6.8	240	21	21	14	030	35	1 0942
	Eskmeals	24	16	10		0	0	0	78	469	183	14	6.2	330	19	15	16	020	33	1 0842
	Great Dun Fell	857	10	10	1 4 7 13 19-21	35	19	194	338	160	1	16	17.8	030	42	1	06	030	54	1 0642
	Sellafield	22	10	10		0	1	3	94	432	215	0	6.2		27	1	07		37	1 0654
Lancashire	Aughton	68	14	10		0	1	1	110	487	141	5	7.1	310	22	15	12	030	35	1 0918
	Fleetwood	34	15	9	Defective record															
	Squires Gate Airport	22	12	11		0	0	0	242	433	69	0	8.8	040	21	1	09	050	34	1 0954
Merseyside	Aigburth	38	23	11		0	0	0	78	572	94	0	6.9	290	15	15	15	300	25	15 1342
Greater Manchester	Manchester Ringway Airport	80	10	10		0	0	0	122	475	147	0	7.0	020	17	1	09	020	30	1 0942
Isle Of Man	Point-of-Ayre	20	10	10		0	3	10	356	340	38	0	10.6	320	24	15	16	320	35	15 1200
	Ronaldsway	25	10	10		0	3	11	314	368	51	0	10.2	310	26	15	10	310	41	15 1036

Table 6 Summary of autographic records of wind

May 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn		Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time
7B WALES N																			
Gwynedd	Trawsfynydd	192	10	10		0	0	0	10	359	366	9	4.2	050	13	4 05	050	27	4 0530
	Valley	26	16	12		0	0	0	171	446	127	0	7.6	340	19	4 01	330	30	4 0136
8A WALES SOUTH																			
Dyfed	Aberporth	144	10	10		0	5	17	250	375	102	0	9.4	330	27	4 02	340	37	4 0348
	Brawdy	121	10	10		0	5	19	327	330	68	0	10.4	360	28	4 03	010	37	4 0506
	Milford Haven	50	13	10		0	0	0	146	451	147	0	7.2	360	18	1 10	360	33	1 1506
Mid Glamorgan	Cilfynydd	210	16	16		0	0	0	41	479	208	16	5.9	070	17	1 10	070	33	1 1024
South Glamorgan	Rhoose Airport	74	10	10		0	0	0	196	445	103	0	7.9	020	21	1 12	010	36	1 1230
8B ENGLAND S W																			
Avon	Avonmouth	28	19	10		0	3	8	308	352	76	0	9.6	020	27	1 12	020	38	1 1412
	Bristol Weather Centre	55	44	13		0	0	0	54	503	187	0	6.0	030	16	4 07	030	36	1 1300
	Oldbury-on-Severn	19	9																
Somerset	Hinkley Point	30	10	10		0	0	0	175	508	61	0	8.1	020	21	1 08	010	35	1 1018
	Yeovilton	34	12	10		0	1	1	123	432	188	0	6.8	020	22	1 11	020	33	1 0948
Dorset	Hurn Airport	23	13	11		0	0	0	101	465	178	0	6.6	010	19	1 15	010	32	4 0818
	Portland Bill C G	60	13	13		0	1	1	156	481	104	2	7.3	030	22	4 09	030	33	4 0918
Devon	Burrington	211	10	10	Defective record														
	Chivenor	16	10	10		0	0	0	187	432	125	0	7.8	010	20	1 12	330	31	15 1442
	Exeter	35	10	10		0	0	0	94	452	198	0	6.5	030	19	4 09	010	32	1 1106
Cornwall	Camborne	98	10	10		0	5	24	354	310	56	0	10.9	010	25	1 12	010	42	1 1218
	Culdrose	104	23	20	1	6	11	57	364	262	55	0	12.3	030	39	1 13	030	52	1 1212
	Gwennap Head	76	10			0	12	58	476	187	23	0	13.6	350	33	1 15	350	47	1 1424
	St Mawgan	120	13	13		0	1	2	213	453	76	0	8.7	360	22	1 14	360	36	1 0954
CHANNEL ISLANDS																			
	Guernsey Airport	116	12	12		0	4	27	292	381	44	0	10.4	050	25	28 12	050	37	28 1400
	Jersey Airport	94	12	10		0	3	11	315	375	43	0	10.5	070	24	29 15	020	36	1 1718
NORTHERN IRELAND																			
Londonderry	Ballykelly	12		10															
	Coleraine University	30	10	10		0	0	0	180	411	135	18	7.6	340	16	2 12	270	28	21 0836
Antrim	Aldergrove	80	10	10		0	1	2	183	404	155	0	7.6	330	23	2 14	340	30	2 1224
	Ballypatrick Forest	165	13	13		0	1	1	217	399	126	1	8.2	330	22	2 15	270	31	21 1148
	Belfast Harbour	21	18	18															
Down	Kilkeel	36	19	14		0	4	12	208	343	158	23	8.2	360	30	2 22	280	48	15 1154
	Killough	31	15	15		0	0	0	295	382	59	8	9.5	030	21	2 11	350	32	3 1706
	Long Kesh	47	10	10		0	0	0	88	476	180	0	6.2	360	16	2 13	320	28	3 1554
	Orlock Head	51	16	12		0	8	44	322	298	78	2	11.0	340	28	2 15	330	39	3 2342
Tyrone	Carrigans	129	10	10		0	0	0	122	411	194	17	6.5	340	19	2 12	330	31	4 2024
Fermanagh	Castle Archdale Forest	79	13	13		0	0	0	55	547	119	23	6.4	350	15	4 17	350	27	4 1748

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)									Bright sunshine		
	Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation											
	Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
1990 Oct Kinross																										2.34		
Glasgow, Springburn Park	12.0	7.3	9.7	+0.4	16.5	13	1.8	30														0						
Lochranza	—	—	—		—	—	—	—			—		—	—	—	—												
Batchley Farm	13.4	7.9	10.7		20.1	12	2.7	29	11.8		78		17	25	17	15	0	0	0	0	0	0	2		0			
Greenmount																												
Loughgall																												
1991 Feb Scalpay	—	—	—								—																	
Cassley																												
Kinbrace																												
Knockanrock																												
Tomatin																												
Waterstein	—	—	—		—	—	—	—					—		—	—												
Fyvie Castle																												
Inchmarlo	—	—	—																									
Leith Hall																												
Montrose		—	—																									
Leuchars																	8											
Carterhouse																												
Abington	—	—	—																									
Glasgow, Springburn Park																												
Lowestoft																												S
Hadlow College																												
Ulcombe																												
Gawlish																												
Guernsey, L'Ancresse	7.2	1.3	4.3		13.7	24	-7.0	7.8			38		9	12	15	9	4		0	1		8				2.45		
Moyola Waterworks		-1.6																										
Jordanstown Rostulla		0.4																										
Lowtown		-0.6																										
Parkmore Forest	4.8																											
Downpatrick Killavees		0.0																										
Corgary																												

Corrections

March 1991, **Weather**
Line 3 sentence should read: 'parts of the east and south-east were unusually dry for March.'

March 1991, **Sunshine**
Lines 3/4 should read: 'along the south coast where values were average or just above average...'

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THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 1000 U.D.C. 551 506 1 (41-4)

JUNE 1991

VOLUME 108 NUMBER 6

20 FEB 1992

A cold, wet and dull month

A cold front cleared the far south-west of England late on the 1st. All parts of Great Britain were covered by a transient ridge of high pressure overnight, but a complex depression moved quickly across northern England to the North Sea bringing a change on the 2nd to a cold northerly airstream which covered all parts over the next two days. Early on the 5th a succession of fronts approached from the south-west, progressing, with their associated depression, across England and Wales during the next day or two; early on the 8th the remains of a cold front were still over south-east England, while pressure was high elsewhere. Later on the 8th a further set of fronts crossed all parts of Great Britain, clearing the east early on the 9th. The parent depression tracked across southern Scotland during the 9th/10th, while the associated frontal troughs moved eastwards in the westerly airstream. Overnight on the 10th/11th a transient ridge of high pressure crossed all areas. On the 12th a depression centred to the north-west of Ireland moved north-eastwards across Scotland. The associated occluded front crossed Scotland during the 13th. Later on the 14th a shallow depression with its associated fronts moved across South Wales and south-west England, continuing eastwards to the North Sea, leaving a north-westerly airstream covering the United Kingdom for the next few days. On the 19th a shallow depression skirted south-west England as it crossed to France. A further system crossed all areas of Great Britain during the 21st, the fronts finally clearing the far north of Scotland early on the 22nd. On the 22nd further fronts crossed southern parts of England and Wales, followed by the passage of a frontal depression over England and Wales on the 23rd. A frontal trough crossed the southern half of England and Wales overnight on the 25th/26th. Early on the 28th a ridge of high pressure covered most of the United Kingdom. Later on the 29th a weak frontal system moved eastwards across all areas, leaving a trough trailing along the south coast on the 30th.

Weather

This month was one of the dullest, coolest and wettest Junes this century over a wide area. The weather was generally unsettled, with outbreaks of rain or drizzle and more prolonged rain from time to time, heavy in places, or showers, often thundery and sometimes of hail. Sleet and snow fell on the Grampian Mountains on the 2nd and 3rd, and on the Southern Uplands on the 3rd; snow lay at Cairngorm Carpark for three days. Snow fell on the northern Pennines on the 3rd, hail was reported at Inverness, over North Yorkshire and north Norfolk, and thunder over Salisbury Plain. On the 23rd torrential rain over the south and west caused extensive flooding, particularly in Plymouth and Torquay, Devon and Bridport, Dorset, while some rivers burst their banks in Cornwall. Thunderstorm frequency was very high during the month, particularly in eastern areas, with thundery activity somewhere in the United Kingdom on nearly every day. Thundery activity was widespread on the 22nd, 27th and 28th.

Wind

This was another quiet month, with winds only briefly reaching gale force on the 12th. At Orlock Head, Co. Down, the mean hourly wind reached 39 kn, with a gust to 65 kn. There were strong winds over exposed western parts of England and Wales. Wind directions were generally southerly or westerly.

Temperature

Mean monthly temperatures were below normal in all areas of the United Kingdom, ranging from 2.7 °C below normal at Macclesfield, Cheshire to 0.7 °C below normal at Lowestoft, Suffolk.

Frost occurred quite widely during the first week. Bastreet, Cornwall had a minimum of −1 °C on the 2nd. The temperature over grass at Birmingham Airport fell to −6 °C on the 5th and a number of places had their coldest June night since records began. A temperature of 20 °C was exceeded in East Anglia on the 9th, and again on the 12th. Temperatures rose again to over 20 °C at a number of places during the last week, but generally June was by no means a warm month. The highest temperature of the month was 23.3 °C at Cambridge, Botanic Garden on the 30th and the lowest was −3.8 °C at Carnwath, Strathclyde Region on the 5th, the lowest for June at that station since the record began in 1952.

Rainfall

Monthly rainfall amounts were above normal nearly everywhere apart from some scattered locations, mainly in western areas where it remained dry, with as little as half the normal in western Scotland, contrasting with nearly three times the normal in East Sussex.

The number of days of measurable rain falling during June was as high as 25 in a number of places, including London. Measured daily rainfall exceeded 10 mm somewhere in the British Isles every day except the 20th. The wettest period was over the 23rd and 24th, with more than 20 mm at many places in the south on the 23rd including 43 mm at Teignmouth, Devon. Among heavy daily falls were 66 mm at Bradford, West Yorkshire on the 27th and 56 mm at Balquhidder, Central Region on the 11th. Other large falls included 47 mm at Falmouth, Cornwall on the 22nd, 49 mm at Plumpton, East Sussex and 46 mm at Princetown, Devon on the 23rd and 46 mm at Llanfair Caereinion, Powys on the 27th.

Sunshine

Monthly sunshine amounts were below average everywhere except for a few places mainly in northern Scotland where they were above or near normal, and ranged from 109% of average at Tiree, Strathclyde Region to 50% of average at Bexhill, East Sussex.

The month was one of the dullest Junes this century over a wide area. Sunny days were mainly limited to the 3rd and 13th in the south-west of England and the 20th more widely across England and Wales, apart from the south-east. Most sunshine in a day was 16.1 hours at Benbecula, Western Isles on the 6th and Tiree, Strathclyde Region on the 20th and the highest monthly total was 217 hours at Tiree.

Fog

Some overnight fog patches formed on the 5th and 7th, mainly in central and eastern parts of England. One or two fog patches occurred mainly over eastern counties on the 17th and 19th, but were short lived. Fog patches formed over a wide area on the 20th but were quick to clear. Hill fog occurred in mainly central areas early on the 6th and 21st. There was extensive patchy fog over England and Wales on the 24th and a few short-lived fog patches on the 29th. Hill fog patches occurred over high ground in Scotland on the 13th. Fog occurred on coasts and hills on the 24th and 25th, and on western coasts on the 30th.

Miscellaneous Phenomena

None reported.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp°C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max.	Min.	Mean				
			Difference from average					% of average	
0 Scotland N	20.9	−1.9	−1.8	−1.4	−1.6	−0.1	+4	114	89
1 Scotland E	21.6	−2.2	−2.2	−1.0	−1.6	−0.3	+8	171	79
2 England E & NE	22.9	−0.6	−2.3	−1.2	−1.8	−1.1	+8	117	80
3 East Anglia	22.5	−0.5	−2.4	−0.8	−1.6	−1.6	+12	168	64
4 Midland Counties	23.0	−0.7	−2.9	−1.4	−2.2	−1.7	+9	135	68
5 England SE & Central S	22.6	1.1	−3.1	−1.0	−2.1	−1.5	+12	198	65
6 Scotland W	20.6	−3.8	−2.1	−1.6	−1.9	−0.3	+4	137	85
7 England NW & Wales N	22.3	−2.6	−2.4	−1.5	−1.9	−1.1	+8	128	73
8 England SW & Wales S	20.8	0.0	−2.5	−0.6	−1.5	−1.1	+9	167	78
N Ireland	19.4	−1.5	−1.9	−1.1	−1.5	−1.1	+5	126	77
Scotland	21.6	−3.8	−2.0	−1.3	−1.7	−0.2	+5	138	84
England & Wales	23.0	−2.6	−2.6	−1.1	−1.9	−1.3	+10	148	71

* Highest maximum and lowest minimum of District Value Stations

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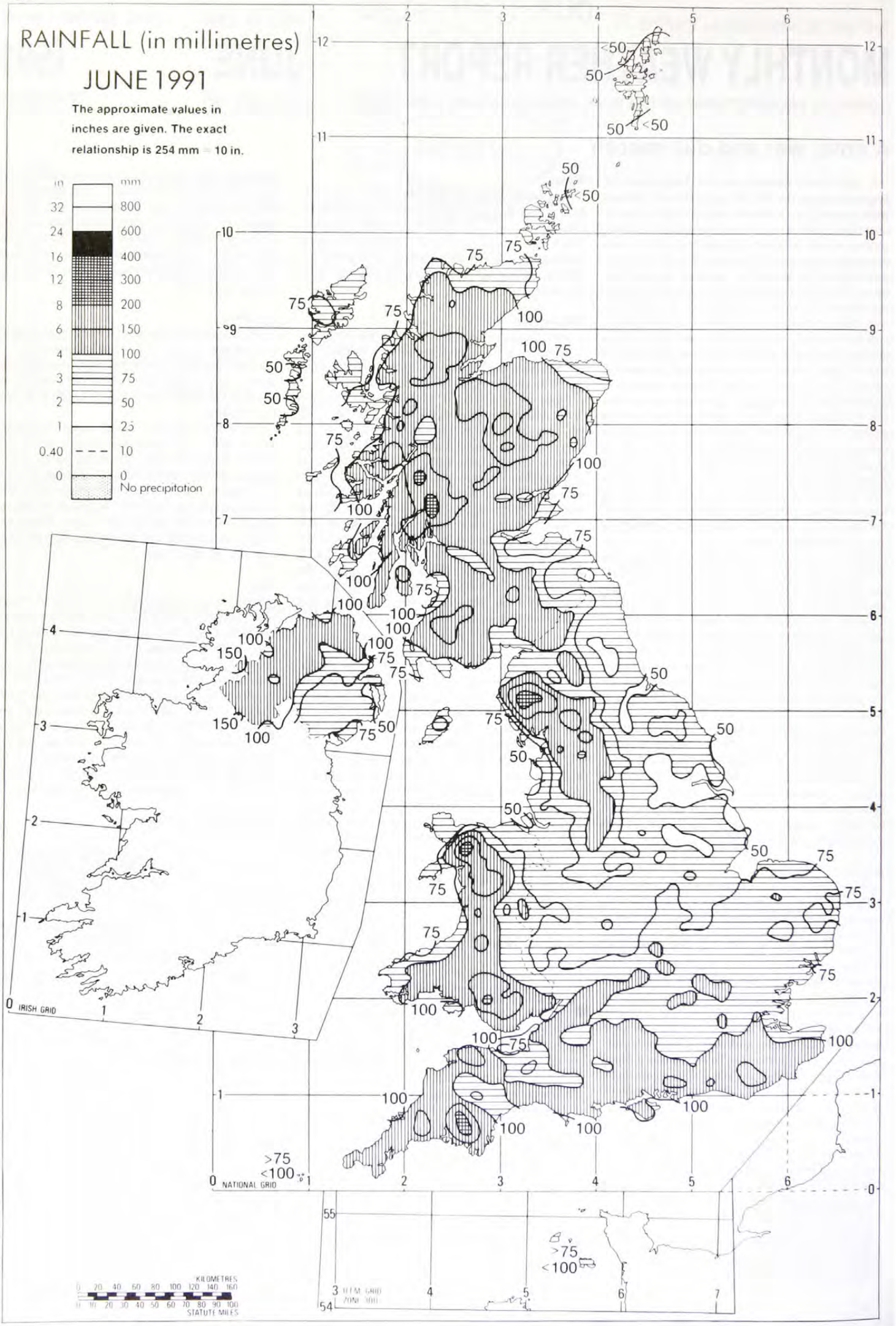
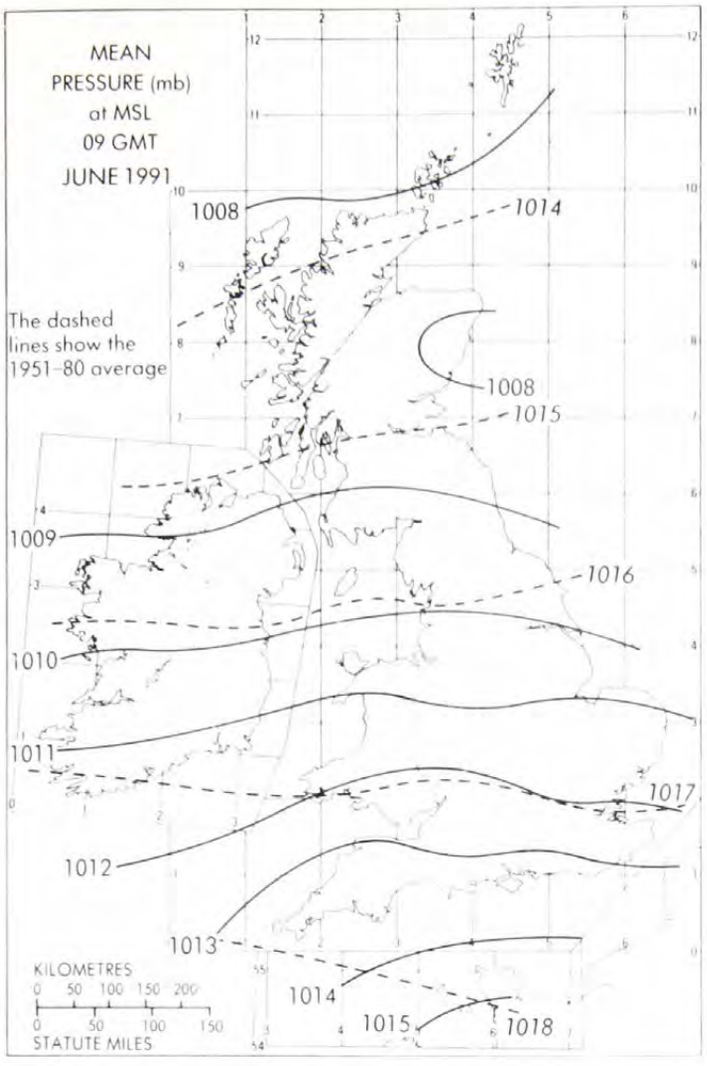
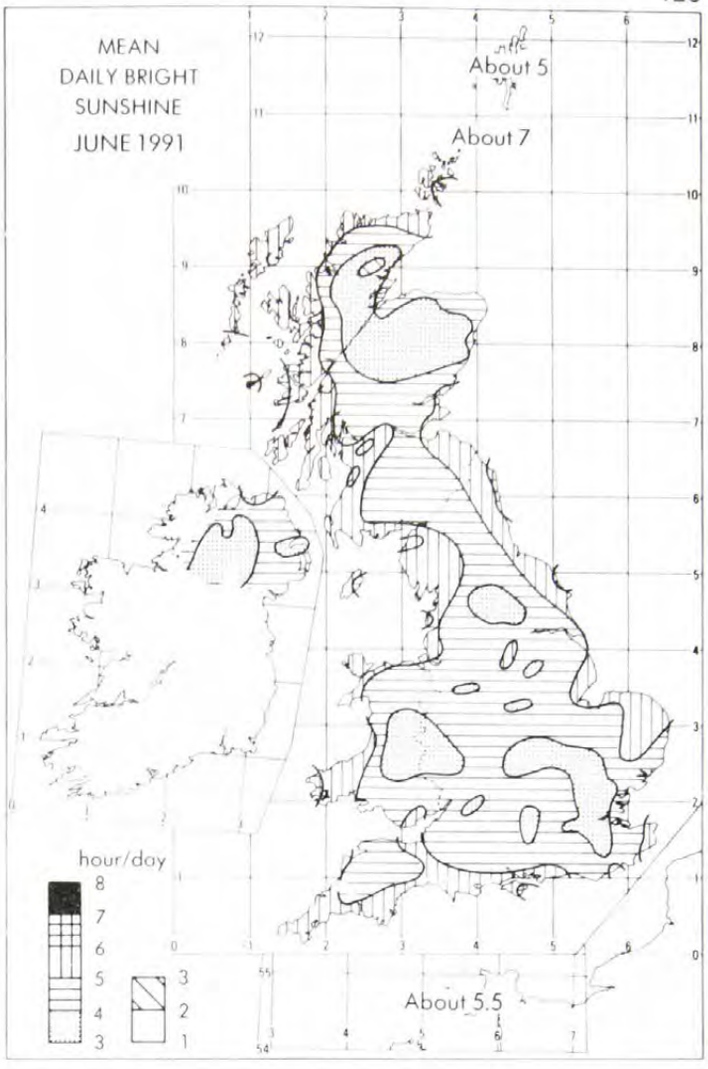
RAINFALL (in millimetres)

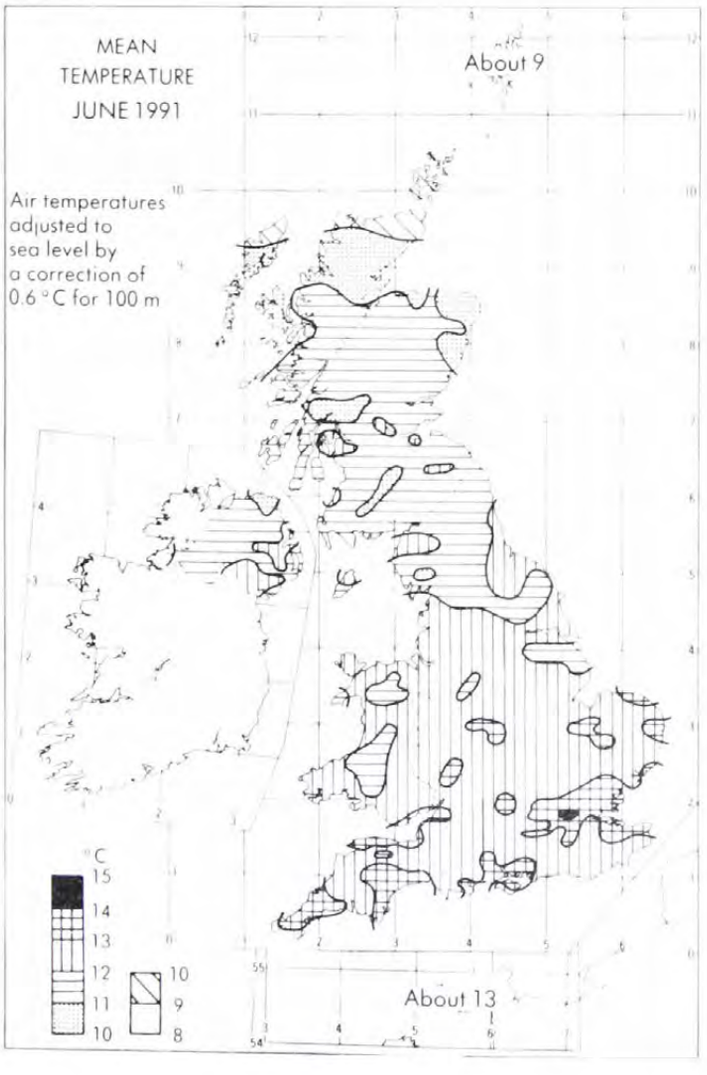
JUNE 1991

The approximate values in inches are given. The exact relationship is 254 mm = 10 in.




MEAN
PRESSURE (mb)
at MSL
09 GMT
JUNE 1991
The dashed lines show the 1951–80 average
1008
1014
1008
1015
1009
1016
1010
1011
1017
1012
1013
1014
1015
1018
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
JUNE 1991
About 5
About 7
About 5.5
hour/day
8
7
6
5
4
3
3
2
1


MEAN
TEMPERATURE
JUNE 1991
About 9
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
About 13
°C
15
14
13
12
11
10
10
9
8

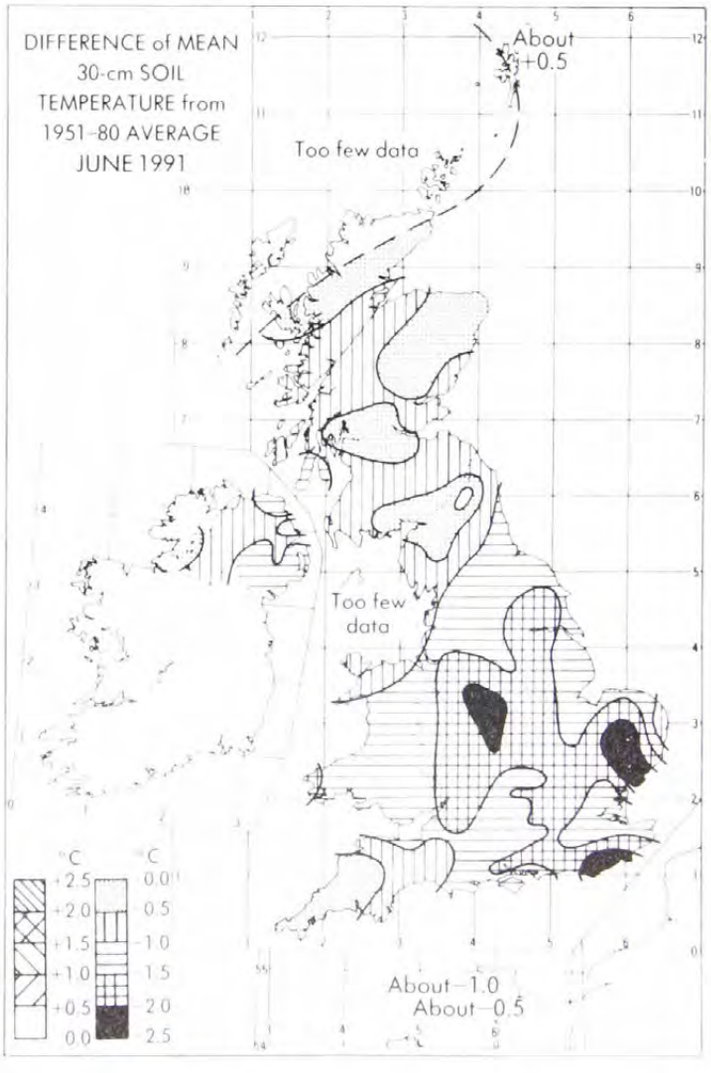

DIFFERENCE of MEAN
30-cm SOIL
TEMPERATURE from
1951–80 AVERAGE
JUNE 1991
About +0.5
Too few data
Too few data
About −1.0
About −0.5
°C
+2.5
+2.0
+1.5
+1.0
+0.5
0.0
°C
0.0
0.5
1.0
1.5
2.0
2.5

Table 2 Solar radiation

June 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	27.4	6	5.6	13	16.0	30	16.0	26	5.6	13	10.6	30
Stornoway	29.4	24	6.0	17	16.7	30	14.3	5	5.6	24	10.1	30
Aviemore	27.0	1	7.7	18	14.8	30	12.1	6	7.4	1	10.1	30
Aberdeen	26.5	5	3.9	25	14.5	30						
Dunstaffnage	30.4	5	4.4	21	17.3	30						
Shanwell	28.1	1	5.7	21	16.5	30	13.6	6	5.7	21	10.4	30
Auchincruive												
Eskdalemuir	29.1	1	4.8	2	14.1	30	13.1	17	4.8	2	9.4	30
Sunderland Poly	29.8	28	4.0	2	18.7	28						
Hazelrigg	27.6	1	4.5	18	15.8	30	13.8	17	4.5	18	10.0	30
Cawood	21.9	29	4.3	7	14.4	30						
Aughton	28.8	4	5.6	18	15.9	29	13.3	3	5.5	18	9.8	29
Finningley	23.8	29	3.9	7	14.2	30	14.3	1	3.9	7	10.1	29
Sutton Bonington	20.2	9	3.9	15	13.1	28	11.6	20	2.0	15	8.4	30
Hemsby	26.0	20	6.3	15	16.7	30	15.4	7	6.2	15	10.7	29
Denver Complex	22.7	13	7.5	6	15.5	30						
Gogerddan												
Brooms Barn	23.9	29	5.7	15	15.6	30	13.8	5	5.7	15	10.6	30
Aberporth	28.9	20	7.0	8	17.2	27	14.3	17	6.4	4	10.1	26
Wallingford	23.7	20	4.4	25	14.1	30						
London W.C.	22.7	29	4.2	7	13.2	30	11.1	22	4.0	7	8.6	30
Easthampstead	23.5	29	5.5	23	14.6	30	13.5	22	5.4	23	10.1	29
East Malling	23.5	9	6.2	8	15.5	30	13.6	22	6.2	8	10.6	30
Crawley	26.5	29	4.3	25	14.6	30	14.5	2	4.2	25	10.0	30
Rustington	28.5	29	4.0	25	16.3	30						
Efford	26.1	21	4.1	23	16.2	30						
Camborne	30.0	13	4.7	25	16.4	30	15.5	2	4.6	25	10.1	30
Jersey	27.4	27	4.2	5	17.8	30	15.6	29	4.1	5	10.4	30
Aldergrove	28.0	3	5.4	18	15.1	30	13.8	23	5.3	18	10.5	30

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average *	Highest maximum Max.	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall (09 to 09 GMT) Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average *	Exposure
0 SCOTLAND N																														
Shetland																														
Baltasound	24	11.9	5.9	8.9	-1.5	14.4	30	2.2	7,8	10.4	–	37	–	7	9	18	10	1	0	1	0	1	0	0	–	–	0	4.60	87	–
Fair Isle	57	10.9	6.8	8.9	–	13.4	23	3.1	7	10.6	9.3	49	–	11	9	16	11	1	0	0	1	0	0	0	2	–	0	6.57	–	–
Lerwick (A)	82	11.3	6.2	8.7	-1.3	14.0	30	2.0	3	9.9	–	56	88	9	9	17	14	0	0	0	4	0	0	0	3	0	0	4.97	94	–
Sumburgh (A)	7	12.1	7.0	9.5	–	15.1	30	2.7	3	–	–	–	–	–	–	–	–	0	0	0	1	0	0	0	2	0	0	–	–	–
Orkney																														
Kirkwall Airport (A)	26	12.5	6.5	9.5	-1.4	15.8	23	1.6	7	11.3	–	65	114	14	25	16	12	0	0	0	2	0	0	0	2	0	0	4.91	91	–
Rackwick	18	12.5	6.8	9.7	–	15.4	29	0.3	8	–	–	97	–	13	8	19	15	–	–	–	–	–	–	0	–	–	–	–	–	–
Western Isles																														
Benbecula (A)	5	13.5	7.4	10.5	-1.5	16.5	23,24	2.2	5	12.5	–	65	85	11	29	22	12	0	0	0	0	0	0	0	7	2	0	5.58	85	–
Scalpay	18	12.7	7.9	10.3	–	15.3	26	2.2	5	–	–	79	–	15	8	18	16	–	0	–	–	–	–	0	3	–	–	–	–	–
Stornoway (A)	15	12.6	6.8	9.7	-1.7	16.2	30	1.7	5	11.7	–	70	104	11	8	23	16	0	0	0	1	0	0	0	3	1	0	5.53	94	–
Highland																														
Aviemore (A)	229	14.3	6.0	10.1	–	20.2	30	-0.9	5	12.0	10.2	161	–	23	26	26	21	2	0	0	3	1	0	1	4	0	0	3.71	–	S
Cape Wrath	112	10.5	7.3	8.9	-1.6	13.6	22	3.0	4	–	–	61	75	14	17	19	11	0	0	0	1	0	1	0	0	0	0	5.87	(102)	–
Cairngorm Chairlift	663	10.5	4.0	7.3	–	16.4	30	-0.5	4	7.1	–	–	–	–	–	–	–	3	1	0	3	1	5	3	–	–	0	–	–	–
Cassley	99	13.5	6.2	9.9	–	18.5	30	-0.4	7	–	–	99	93	14	26	22	16	–	0	–	–	–	–	1	3	–	–	–	–	–
Dalcross (A)	11	14.6	7.2	10.9	–	19.7	22	0.0	7	–	–	121	246	30	9	23	19	0	0	2	0	2	0	0	4	–	0	–	–	–
Dalwhinnie	351	13.3	5.4	9.3	–	17.4	25	-2.4	5	10.9	–	105	–	15	13	21	20	1	0	0	1	1	0	2	6	–	0	3.84	–	S
Diabaig	60	14.4	7.3	10.9	–	20.7	30	2.0	5	–	–	101	–	24	17	21	18	1	0	0	0	–	0	0	0	–	0	5.07	–	S
Dingwall	7	14.8	7.0	10.9	–	18.8	23,30	-2.0	5	–	–	143	–	19	9	21	19	–	0	–	–	–	–	2	–	–	–	–	–	–
Duartmore Bridge	30	14.1	6.5	10.3	–	20.0	24	-0.2	7	–	–	107	–	23	17	24	19	–	0	–	–	–	0	1	–	–	–	4.95	–	S
Eilanreach	8	15.2	6.4	10.8	–	20.0	24	-1.5	5	–	–	(90)	–	–	–	–	–	0	0	0	0	0	1	1	–	0	–	–	–	–
Fort Augustus	21	14.9	7.5	11.2	-1.5	19.3	22	0.3	5	14.0	–	86	141	11	12	24	20	–	0	–	–	–	0	0	–	–	–	3.28	65	S
Fortrose	5	14.2	8.4	11.3	-1.2	18.6	22	3.8	5	–	–	117	245	29	9	23	18	0	0	0	2	2	–	0	–	–	0	–	–	–
Grantown-on-Spey	220	13.5	5.7	9.6	–	18.2	29	-0.2	5	–	–	142	–	24	30	25	21	2	0	0	1	0	0	1	8	–	0	3.64	–	–
Inverailort	2	15.7	7.1	11.4	–	19.9	24	-0.2	5	–	–	115	–	19	12	20	14	0	0	0	0	0	0	1	8	–	1	–	–	–
Inverness	4	15.5	8.2	11.9	-1.1	20.0	22,23	3.1	5	–	–	141	299	21	9	25	23	0	0	0	0	1	0	0	2	–	0	4.14	79	–
Inverpolly	14	13.8	6.5	10.1	–	18.1	24	0.9	4	–	–	(95)	–	22	25	20	15	–	0	–	–	–	–	0	–	–	–	–	–	–
Isle of Rhum	5	14.7	6.8	10.7	(-1.7)	18.3	24	-0.3	5	14.0	11.1	113	71	26	24	19	15	0	0	0	0	0	0	1	12	–	0	5.70	–	–
Kiltarlity	75	15.2	6.5	10.9	–	19.6	22	-0.7	5	–	–	148	–	20	26	23	20	0	0	0	0	2	0	2	5	–	0	–	–	–
Kinbrace	103	–	–	–	–	–	–	–	–	–	–	(100)	–	–	–	–	–	0	0	0	2	1	–	–	–	–	0	3.96	–	S
Kinlochewe	25	16.0	6.5	11.3	(-1.5)	20.5	24	-1.9	5	12.0	–	121	–	13	9	22	20	0	0	0	0	0	0	1	5	–	0	3.97	–	S
Knockanrock	244	12.7	6.1	9.4	–	17.4	30	1.6	1	–	–	(149)	–	28	17	25	20	–	–	–	–	–	–	0	–	–	–	–	–	–
Lairg	107	13.8	5.7	9.7	–	17.2	22	-1.7	5	11.7	10.0	129	–	21	22	25	19	–	0	–	–	–	0	3	8	–	–	2.61	–	–
Lentran	146	14.7	6.3	10.5	–	20.1	22	-0.1	5	10.2	–	166	–	25	26	25	20	0	0	0	1	2	0	1	5	–	0	–	–	–
Nairn	8	13.7	8.0	10.9	-1.6	18.0	22	0.6	7	–	–	82	179	12	1	20	16	0	0	2	0	0	0	0	1	–	0	4.72	84	–
Onich	15	16.2	6.3	11.3	-1.2	20.9	24	-1.6	5	–	–	138	111	20	21	22	16	–	0	–	–	–	1	1	6	–	–	4.36	88	S
Plockton	12	15.0	7.0	11.0	–	19.5	24	1.6	5	14.5	–	83	–	14	1	20	16	0	0	0	0	0	–	0	–	–	0	–	–	–
Poolewe	6	14.9	7.0	10.9	(-1.8)	19.2	22	1.5	7	–	–	81	87	13	17	21	17	1	0	1	0	0	0	0	5	–	0	4.93	(86)	S
Tomatin	311	12.9	5.4	9.1	–	17.9	30	-0.4	7	–	–	152	–	21	26	27	22	2	0	0	1	1	–	2	–	–	0	–	–	–
Waterstein	92	12.8	6.9	9.9	–	18.0	23	1.5	5	–	–	(61)	–	7	8	19	17	–	–	–	–	–	–	0	–	–	–	–	–	–
Wick (A)	36	12.2	5.9	9.1	-1.9	15.9	23	-0.2	7	11.3	–	74	151	20	25	19	12	0	0	0	2	0	0	1	5	1	0	5.58	103	–
1 SCOTLAND E																														
Grampian																														
Aberdeen																														
Dyce Airport (A)	65	14.2	7.3	10.7	-1.4	20.3	30	2.6	7	–	–	115	213	14	1	21	18	0	0	0	0	2	1	0	3	0	0	4.57	78	–
Mannofield	52	13.4	7.8	10.6	-1.4	19.0	30	2.5	5	–	–	91	181	12	1	22	19	1	0	0	0	2	1	0	2	–	0	–	–	–
Aldroughty	30	14.3	7.5	10.9	–	18.3	30	1.2	7	12.4	–	130	–	27	25	22	19	0	0	0	0	0	1	0	1	–	0	3.92	–	–
Ballater Field Centre	200	14.4	6.0	10.2	–	20.8	30	-1.0	5	–	–	108	–	11	1	26	20	–	0	–	–	–	–	2	–	–	–	–	–	–
Balmoral	283	13.2	5.3	9.3	-1.9	18.6	29	-2.0	5	–	–	96	185	11	9	26	22	1	0	0	0	1	–	2	5	–	0	–	–	–
Banff Golf Course	15	13.8	8.1	10.9	–	18.3	30	0.2	7	14.7	–	65	–	11	11	20	14	0	0	0	0	2	0	0	–	–	0	–	–	S
Braemar	339	13.5	5.6	9.5	-1.9	17.3	30	-2.2	5	11.6	10.3	129	235	15	22	26	23	–	0	–	–	–	1	2	4	–	–	(3.67)	–	S
Craibstone	102	13.5	7.0	10.3	-1.5	19.3	30	2.1	3	12.1	10.7	128	236	14	1	21	18	1	0	0	0	0	0	0	2	–	0	–	–	–
Culterty	3	14.0	6.9	10.5	–	18.4	23	0.5	7	–	–	94	–	15	22	21	20	0	0	0	1	0	0	0	4	–	0	4.34	–	–
Durris, Wardend	107	13.9	6.5	10.2	–	18.7	30	-0.1	5	11.1	–	133	–	20	30	25	19	0	0	1	0	2	1	1	2	–	0	3.84	–	–
Forehill	40	12.7	7.2	9.9	–	16.5	22	1.2	7	–	–	71	154	11	22	22	18	0	0	0	0	2	0	0	1	–	0	–	–	–
Forres	5	14.6	8.0	11.3	–	18.0	22,23	1.4	7	12.3	11.6	98	–	18	25	19	16	0	0	0	2	1	0	0	2	–	0	–	–	–
Fyvie Castle	55	13.8	7.2	10.5	(-1.5)	18.8	30	-0.5	7	–	–	107	184	13	23	21	19	0	0	0	0	1	0	1	2	–	0	–	–	–
Glenlivet	215	13.7	6.1	9.9	(-1.6)	18.8	30	-0.1	7	12.1	–	150	–	20	25	24	19	2	0	0	1	2	1	1	3	0	0	3.19	(59)	S
Inchmarlo	80	–	–	–	–	–	–	–	–	–	–	(121)	–	21	18	26	18	–	–	–	–	–	–	–	–	–	–	–	–	–
Inverurie	54	14.2	7.3	10.7	–	20.6	30	2.0	7	–	–	124	–	28	30	21	20	0	0	0	0	1	0	0	4	–	0	3.32	–	–
Keith	106	13.6	6.7	10.1	–	18.4	30	-0.8	7	–	–	138	–	29	25	25	19	0	0	0	0	2	1	–	1	3	–	1	4.38	–	–
Kinloss (A)	5	14.3	7.6	10.9	-1.8	17.7	23	0.6	7	11.6	–	106	216	18	17	21	16	0	0	0	1	2	0	0	4	1	0	4.37	77	–
Leith Hall	180	13.9	6.4	10.1	–	19.2	30	-1.0	7	–	–	104	–	17	30	21	18	1	0	0	1	0	0	1	2	–	0	–	–	–
Lossiemouth (A)	6	–	–	–	–	–	–	–	–	–	–	121	246	36	25	20	18	–	–	–	–	–	–	–	–	–	–	–	–	–
Rothes	61	14.1	7.5	10.8	–	20.0	30	2.0	7	–	–	134	–	25	25	22	19	0	0	0	0	0	0	0	0	–	0	3.34	–	–
Stonehaven	85	13.3	6.5	9.9	–	18.1	27	2.0	3, 5, 6	–	–	132	–	27	17	27	22	0	0	0	0	4	2	0	–	–	0	4.20	–	–
Tayside																														
Arbroath	29	14.1	8.1	11.1	-1.2	20.7	30	2.9	3	–	–	93	210	15	9	25	16	0	0	0	0	2	1	0	0	–	0	5.03	78	–
Ardtalnaig	130	15.2	7.2	11.2	(-1.8)	19.0	24	1.9	6	–	–	121	168	17	8	25	19	0	0	0	0	2	0	0	3	–	0	4.28	–	S
Dall (Rannoch School)	232	14.1	5.6	9.9	–	18.5	20	-1.6	5	–	–	112	–	13	8	23	21	0	0	0	0	1	0	3	3	–	0	–	–	–
Drummond Castle	113	15.4	6.5	10.9	–	18.5	30	0.9	5	13.1	–	124	–	17	9	24	19	0	0	0	0	0	–	0	7	–	0	4.00	–	S
Dundee	45	15.0	8.1	11.5	-1.8	21.6	30	3.0	1	13.9	–	135	249	24	9	23	21	0	0	0	1	1	0	0	4	–	0	5.03	86	–
Faskally	94	15.0	7.2	11.1	-1.7	19.4	30	0.5	5	13.9	11.9	126	211	17	9	25	19	0	0	0	0	0	0	0	5	–	0	–	–	–
Forfar	91	14.3	6.9	10.6	–	19.6	30	1.0	6	–	–	118	–	17	9	25	19	0	0	0	0	1	1	0	–	–	0	4.10	–	–
Kindrogan	259	13.8	5.2	9.5	–	18.4	30	-1.2	5	–	–	141	–	27	9	23	19	0	0	0	1	1	0	4	7	–	0	–	–	–
Kinross	116	15.6	6.3	10.9	–	19.6	30	0.1	5	13.0	–	120	–	11	17	23	20	–	0	–	–	–	0	0	6	–	–	4.55	–	S
Montrose	55	14.2	7.6	10.9	-1.4	20.7	30	2.2	5	13.5	–	107	232	21	26	22	17	0	0	0	0	1	1	0	6	–	0	–	–	–
Mylnefield (A)	30	15.2	7.8	11.5	-1.3	20.0	30	2.1	1	13.2	10.8	103	205	23	9	24	18	0	0	1	0	1	0	0	5	–	0	5.04	82	–
Perth Aerodrome (A)	118	14.3	6.4	10.3	–	18.8	30	1.0	1	–	–	111	–	16	9	23	18	–	0	–	–	–	–	0	–	–	–	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
1 SCOTLAND E - Continued																														
Tayside - Continued																														
Strathallan	41	15.9	7.4	11.7	—	20.0	30	2.0	6	—	—	104	—	15	1	22	19	0	0	1	0	2	0	0	6	—	0	—	—	—
Tummel Bridge	161	15.0	5.9	10.5	—	19.2	20	-2.0	1	—	—	101	—	13	1,21	25	17	—	—	—	—	—	—	3	—	—	—	—	—	—
Whitehillocks	258	13.0	6.1	9.5	—	20.5	30	-0.5	5	—	—	142	—	21	8	28	24	0	0	0	0	0	1	1	2	—	0	—	—	S
Fife																														
Belliston	82	14.5	7.6	11.1	—	19.9	30	2.2	3	12.4	—	86	166	15	17	21	18	0	0	0	1	2	0	0	1	—	0	—	—	—
Cupar	42	15.4	(6.0)	—	—	19.9	30	—	—	14.0	—	98	—	17	17	22	18	—	0	—	—	—	—	—	2	—	—	4.92	—	—
Fife Ness	12	14.2	8.3	11.3	—	20.6	30	4.7	4	—	—	—	—	—	—	—	—	0	0	0	1	0	1	0	0	—	0	—	—	—
Leuchars (A)	10	15.2	7.0	11.1	-1.5	21.1	30	1.1	4	12.9	—	95	210	14	18	24	18	0	0	1	0	2	0	0	6	0	0	5.48	86	—
Lothian																														
Bush House	184	14.4	6.8	10.6	-1.4	17.9	25,30	0.2	5	12.3	10.8	73	133	15	1	20	15	0	0	0	1	1	0	0	4	—	0	4.37	78	—
Dunbar	23	15.0	8.1	11.5	-1.2	20.2	30	3.2	5	13.5	—	80	195	13	10	22	16	0	0	0	1	3	0	0	—	—	0	5.61	84	—
Edinburgh																														
East Craigs	61	15.7	7.1	11.4	-1.4	20.1	30	0.7	5	13.1	—	60	130	11	1	21	13	0	0	1	0	1	0	0	5	—	0	5.79	(96)	—
Royal Botanic Garden	26	15.6	8.1	11.9	-1.3	20.5	30	1.1	5	13.5	—	70	155	16	1	22	17	0	0	0	0	2	0	0	5	—	0	5.24	87	—
Royal Observatory Blackford Hill (A)	134	15.0	8.1	11.5	-1.5	19.1	30	3.3	3	—	—	62	138	13	1	22	17	—	0	—	—	—	0	0	0	—	—	5.13	90	—
Turnhouse Airport (A)	35	15.7	7.4	11.5	-1.5	20.6	30	0.7	5	13.3	—	61	133	15	1	21	14	0	0	1	1	3	0	0	5	1	0	4.89	84	S
Haddington	41	15.2	7.5	11.3	—	19.9	30	0.9	5	—	—	76	—	13	23	20	17	0	0	0	0	0	0	0	—	—	0	—	—	—
Livingston	125	15.1	6.9	11.0	—	18.8	30	0.6	5	12.7	—	67	—	15	1	19	16	1	0	0	0	1	0	0	4	—	0	—	—	S
Nunraw Abbey	197	14.3	7.0	10.7	—	18.2	30	1.2	5	—	—	66	—	10	2	22	15	0	0	0	0	0	—	0	—	—	0	—	—	—
Penicuik	185	14.9	6.0	10.5	(-1.8)	18.8	29	-0.8	5	13.1	—	80	148	14	1	19	18	0	0	0	1	0	—	1	3	—	0	4.71	(86)	S
Borders																														
Blyth Bridge	253	13.6	6.2	9.9	-1.8	18.7	24	-0.3	5	—	—	95	162	10	1	23	19	0	0	0	0	0	1	0	6	—	0	4.67	89	S
Blythe	262	14.3	6.4	10.3	—	18.5	25	0.5	5	10.5	—	73	—	10	2	23	20	1	0	—	—	—	0	0	9	—	2	5.11	—	—
Bowhill (Selkirk)	168	15.3	6.5	10.9	-1.7	19.9	24	-0.3	5	12.9	—	82	161	11	1	20	18	0	0	2	0	0	0	1	6	—	0	—	—	—
Carterhouse	308	13.3	6.0	9.7	—	19.5	24	0.7	20	12.0	10.5	96	—	12	9	20	16	1	0	1	0	1	0	0	—	0	0	—	—	—
Floors Castle	59	15.5	7.5	11.5	—	20.8	24	1.9	5	—	—	59	115	7	16	19	16	0	0	0	0	0	1	0	—	—	0	—	—	—
Galashiels	198	14.4	7.0	10.7	—	19.6	24	0.2	5	—	—	61	—	12	1	20	17	0	0	0	0	0	0	0	—	—	0	4.88	—	—
Glentress	165	14.9	6.1	10.5	(-2.1)	20.1	24	-1.8	5	—	—	86	156	12	29	22	20	0	0	1	0	0	—	1	—	—	0	—	—	—
Greycrook	76	16.4	6.8	11.6	—	21.4	29	0.4	5	14.4	—	68	—	12	17	21	14	0	0	0	0	0	0	0	4	—	0	—	—	—
Kelso	34	16.3	7.7	12.0	—	22.0	24	1.4	4	13.9	—	59	—	11	16	20	15	0	0	0	1	0	0	0	5	—	0	—	—	—
St Abbs Head	75	14.1	8.7	11.4	—	20.0	30	5.1	2	—	—	—	—	—	—	—	—	0	0	0	1	1	1	0	0	0	1	—	—	—
West Linton	244	14.3	5.9	10.1	-1.6	19.5	24	-1.4	5	12.1	10.7	79	131	10	1	19	15	0	0	0	0	0	0	1	4	—	0	—	—	—
6 SCOTLAND W																														
Strathclyde																														
Abington	247	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ardentinny	5	15.5	6.7	11.1	—	20.0	24	-0.4	5	13.7	12.8	141	—	27	12	20	13	0	0	0	1	0	0	1	4	—	0	—	—	—
Aros	37	15.0	6.8	10.9	—	19.5	24	-1.0	5	—	—	119	—	19	8	19	15	—	0	—	—	—	—	1	1	—	—	—	—	—
Auchincruive	48	14.8	7.5	11.1	-1.9	17.8	22	0.2	5	12.2	11.0	77	133	16	12	19	15	0	0	0	0	0	0	0	5	—	0	5.49	87	—
Benmore (Younger Botanic Garden)	12	15.3	7.0	11.1	(-1.9)	20.0	24	-0.1	5	13.9	—	159	133	27	8	20	14	0	0	0	1	0	1	4	—	0	—	—	—
Black Mount	175	14.5	5.5	10.0	—	18.4	24	-2.5	5	—	—	(144)	—	16	13	29	21	0	0	0	1	1	1	2	—	—	0	—	—	—
Brodick Castle	15	15.3	7.9	11.6	—	18.2	24	1.1	5	14.0	—	150	—	30	12	19	14	0	0	0	0	0	—	0	6	—	0	—	—	—
Camps Reservoir	295	13.1	4.8	8.9	(-2.2)	17.0	24	-2.0	5	—	—	110	—	15	30	23	19	1	0	0	4	0	—	3	—	—	0	4.05	—	S
Carnwath	208	14.7	5.4	10.1	-1.6	19.2	24	-3.8	5	12.0	—	100	176	15	15	22	16	0	0	0	0	1	0	4	7	1	1	—	—	—
Colonsay Hotel	15	14.4	7.8	11.1	—	18.2	22	1.7	5	—	—	81	—	17	9	16	12	0	0	0	0	0	0	0	1	—	0	5.98	—	—
Cumnock	99	14.9	6.8	10.9	—	18.3	24	-0.1	4	12.9	—	96	—	17	12	20	17	0	0	0	0	0	1	2	—	0	—	—	S
Dalry	32	16.0	7.8	11.9	—	20.1	24	0.0	5	—	—	136	—	26	15	15	14	0	0	0	0	0	—	0	—	—	0	—	—	—
Drumclog	227	14.6	5.3	9.9	—	19.5	27	-2.4	5	—	—	103	—	19	12	18	17	0	0	0	0	0	0	2	5	—	0	—	—	—
Dunstaffnage (A)	3	14.8	7.6	11.2	—	18.9	24	1.7	5	13.5	—	98	—	19	1	18	13	0	0	0	0	0	0	0	4	—	0	5.52	—	—
East Kilbride	178	14.5	6.8	10.7	—	18.2	20	1.7	5	—	—	98	—	12	12	21	19	0	0	0	0	0	—	0	6	—	0	5.07	—	—
Girvan	8	15.5	8.7	12.1	—	18.3	29	3.1	4	—	—	76	—	11	9	17	15	0	0	0	0	0	0	0	0	—	1	5.42	—	—
Glasgow Abbotsinch Airport (A)	5	16.1	7.1	11.6	—	20.6	24	0.2	5	13.3	—	90	156	14	1	17	15	0	0	0	1	1	0	0	5	1	0	6.20	—	—
Springburn Park	107	15.2	7.3	11.3	-1.9	18.6	24	1.7	5	—	—	(100)	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	—	—
Helensburgh	96	14.5	7.1	10.8	—	19.0	24	1.0	6	—	—	139	—	21	24	21	17	0	0	0	0	0	—	0	—	—	0	3.67	—	—
Hunterston	8	15.0	8.9	11.9	-1.6	17.5	6	4.2	5	—	—	114	—	18	9	16	12	0	0	0	0	0	0	0	—	—	0	—	—	—
Inverinan Mor	70	14.8	5.8	10.3	—	20.0	24	-1.1	5	—	—	141	—	26	12	18	14	0	0	0	0	0	0	2	—	—	0	—	—	—
Leadhills	388	13.2	3.9	8.5	—	17.6	20	-2.6	5	—	—	144	—	18	1	25	18	0	0	0	0	1	0	4	9	—	0	—	—	—
Lochgilphead	5	15.3	7.2	11.3	—	18.5	27	0.0	5	—	—	134	—	23	12	23	17	—	0	—	—	—	—	0	—	—	—	—	—	—
Lochranza	46	14.5	7.6	11.1	—	17.8	22	2.4	4	—	—	106	—	18	9	18	14	—	—	—	—	—	—	0	—	—	—	—	—	—
Machrihanish (A)	10	14.2	7.9	11.1	(-1.5)	17.3	22	1.0	5	—	—	106	—	20	9	17	14	—	—	—	—	—	—	0	—	—	0	—	—	—
Millport	5	14.8	9.0	11.9	(-1.3)	17.7	27	4.2	5	—	—	108	157	17	8	18	12	0	0	0	0	0	—	0	—	—	0	—	—	—
Motherwell (Strathclyde Park)	24	16.3	6.7	11.5	—	19.5	24	0.3	5	—	—	79	—	13	1	20	17	0	0	0	0	0	0	0	—	—	0	—	—	—
Orsay	23	12.8	8.4	10.6	—	15.8	26	3.3	5	—	—	106	—	25	29	17	14	0	0	0	0	1	1	0	1	0	0	—	—	—
Paisley (A)	32	16.4	8.0	12.2	-1.8	21.0	24	2.5	5	14.2	12.1	96	153	14	9	21	14	0	0	1	0	2	0	0	2	—	0	5.52	93	—
Pollok Country Park	16	16.1	6.8	11.5	—	19.5	24	-0.3	5	—	—	101	—	15	1	21	18	0	0	1	0	2	—	1	—	—	0	—	—	—
Prestwick (A)	16	15.3	7.6	11.5	-1.6	18.3	30	0.5	4	13.4	—	84	148	14	12	19	16	0	0	0	0	0	0	0	6	0	0	6.20	92	—
Rothesay	43	15.4	7.9	11.7	(-1.4)	19.8	1	2.2	5	12.5	11.4	121	151	18	1	17	14	0	0	0	0	0	0	0	2	—	0	5.86	—	—
Salsburgh	260	13.6	6.0	9.8	—	16.6	28,30	1.0	5	—	—	113	—	15	1,11	23	18	—	—	—	—	—	—	0	—	—	—	—	—	—
Saughall	221	14.3	5.6	9.9	—	18.7	24	-2.2	4	11.7	10.3	110	—	20	12	19	16	0	0	0	0	0	0	2	6	2	0	4.89	—	—
Tiree (A)	9	13.2	8.1	10.7	-1.4	16.2	23	3.4	5	12.9	—	83	125	22	24	16	12	0	0	0	0	1	1	0	2	1	0	7.22	109	—
Uplawmoor	128	14.6	6.6	10.6	—	19.0	24	-1.2	5	—	—	117	—	18	9	21	14	0	0	0	1	0	0	1	6	—	0	—	—	—
Central																														
Aberfoyle	27	15.5	5.9	10.7	—	18.5	23,24	-1.5	5,6	—	—	139	—	17	11	24	15	—	0	—	—	—	—	3	7	—	—	—	—	—
Arrochymore	30	15.7	7.0	11.3	—	19.5	24	0.6	5	13.1	—	151	—	20	24	20	19	—	0	—	—	—	0	0	5	—	—	4.28	—	—
Balquhidder	136	14.3	5.8	10.1	—	18.7	24	-1.7	6	—	—	(134)	—	—	—	—	—	—	—	—	—	—	—	2	6	—	—	—	—	S
Falkirk	3	15.7	7.2	11.5	—	19.0	30	1.3	5	—	—	103	—	16	1	21	15	—	0	—	—	—	—	0	—	—	—	—	—	—
Grangemouth (BP Refinery)	2	16.1	8.4	12.3	—	20.4	30	2.5	5	—	—	88	—	16	1	24	16	0	0	1	0	0	—	0	—	—	0	—	—	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
6 SCOTLAND W - Continued																														
Central - Continued																														
Loch Venachar	84	14.7	6.6	10.7	–	17.9	24	-0.2	4	–	–	152	–	28	9	20	15	0	0	0	0	0	0	2	2	–	0	–	–	–
Mugdock Park	165	15.0	6.9	10.9	–	18.5	24	2.0	4	(1.8)	–	128	–	19	9	20	18	0	0	0	0	0	0	0	–	–	0	–	–	–
Parkhead	35	16.0	7.6	11.8	–	19.8	28	1.9	4	(2.3)	–	115	–	16	8	21	17	–	0	–	–	–	–	0	0	–	–	–	–	–
Stirling (Sewage Works)	7	15.7	8.3	12.0	–	20.2	30	2.5	5	–	–	85	–	13	8	21	11	–	–	–	–	–	–	0	3	–	–	5.03	–	–
Tyndrum	168	14.4	5.7	10.1	–	19.0	24	-2.4	5	–	–	130	–	18	12	23	15	–	0	–	–	–	–	2	–	–	–	–	–	–
Dumfries & Galloway																														
Auchen Castle	184	14.4	5.8	10.1	–	18.0	24	-1.6	5	–	–	111	–	16	8	25	18	0	0	0	2	0	1	1	5	–	0	–	–	–
Bargrennan	110	14.7	6.0	10.3	-2.0	19.0	27	-2.3	5	–	–	155	189	23	29	21	19	–	0	–	–	–	–	3	–	–	–	–	–	–
Clatteringshaws	178	13.6	5.9	9.7	–	16.2	28	-1.6	5	–	–	148	144	26	12	21	17	–	0	–	–	–	0	1	–	–	–	4.18	–	S
Corsewall Point	15	14.0	8.1	11.1	–	17.2	30	1.0	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Creebridge	18	15.7	7.3	11.5	–	20.3	27	-0.4	5	–	–	111	–	20	29	19	17	–	0	–	–	–	–	1	–	–	–	–	–	–
Dumfries	49	15.3	6.7	11.0	-2.1	17.6	30	0.8	5	13.5	12.2	(80)	–	–	–	–	–	0	0	0	0	0	0	0	3	–	0	4.11	67	S
Dumfries (Drungans)	28	15.7	7.8	11.7	–	19.0	20	1.0	5	–	–	80	–	18	8	18	12	–	–	–	–	–	–	0	3	–	–	–	–	–
Eskdalemuir (A)	242	13.6	5.5	9.5	-2.3	17.3	24	-0.9	5	11.7	10.2	109	115	16	11	23	19	1	0	0	0	0	0	2	6	2	0	4.00	73	–
Glenlee	55	15.4	6.5	10.9	-2.0	18.5	27	1.3	29	–	–	131	163	19	29	23	18	–	0	–	–	–	–	0	1	–	–	–	–	–
Glenlochar Barrage	47	15.3	7.1	11.2	-1.9	18.6	28	-1.0	5	–	–	91	128	13	27	19	13	0	0	0	0	1	0	1	–	–	0	–	–	–
Penwhirn	166	13.5	6.3	9.9	(-1.9)	16.2	30	-0.5	5	–	–	137	156	30	8	18	17	0	0	0	0	0	0	1	3	–	0	–	–	–
Threave	73	15.2	7.2	11.2	-1.8	18.4	28	0.2	5	13.8	–	112	156	21	27	20	15	0	0	0	1	1	0	0	8	–	0	–	–	–
Whithorn	40	14.2	7.5	10.9	–	18.0	27	-1.0	5	12.8	–	78	–	13	29	17	14	0	0	0	1	0	2	1	6	1	0	5.71	–	–
2 ENGLAND E & N E																														
Northumberland																														
Boulmer (A)	23	14.6	7.7	11.1	–	20.0	30	2.6	8	12.8	11.6	50	–	9	2	22	12	–	0	–	–	–	0	0	3	0	–	6.40	–	–
Cockle Park	99	14.5	7.0	10.7	-1.6	19.0	29	1.5	2	12.2	–	57	116	10	2	20	13	0	0	1	0	0	0	0	4	–	0	(5.00)	85	–
Haydon Bridge	82	15.9	6.9	11.4	-1.5	19.8	25,26	-0.1	5.8	13.1	–	56	–	9	19	22	16	0	0	0	1	1	0	2	–	–	0	–	–	–
Kielder Castle	201	14.5	5.4	9.9	-1.8	20.0	24	-0.5	4	12.8	–	117	160	18	9	19	17	1	0	0	0	0	2	1	6	–	0	–	–	–
Redesdale	235	13.6	5.8	9.7	–	18.8	24	0.2	8	11.1	–	74	–	9	8	19	16	–	0	–	–	–	0	0	4	–	–	5.31	–	–
Tyne & Wear																														
Newcastle Weather Centre (X)	52	15.0	8.9	11.9	–	20.7	29	3.4	8	–	–	50	–	11	2	19	14	0	–	0	2	0	0	0	–	0	0	–	–	–
South Shields	5	15.1	8.9	12.0	–	19.5	26,30	4.5	8	–	–	55	–	12	2	19	14	0	0	1	0	0	0	0	–	–	0	–	–	–
Sunderland Polytechnic	56	15.0	9.1	12.1	–	20.3	23	4.2	8	–	–	56	–	12	2	18	13	–	0	0	1	0	–	0	–	–	0	5.81	–	–
Tynemouth	30	14.1	8.6	11.3	-1.4	19.6	30	4.3	8	–	–	61	121	13	2	15	14	0	0	0	0	1	0	0	0	–	1	6.31	106	–
Durham																														
Durham	102	15.7	6.8	11.3	-1.8	20.6	30	-0.6	8	12.8	11.4	54	106	8	2	20	16	–	0	–	–	–	1	1	3	–	–	5.07	90	S
Low Etherley	155	15.0	6.5	10.7	–	20.0	24,29	-0.8	8	12.2	10.0	54	–	10	11	17	13	0	0	0	1	0	1	2	7	0	0	–	–	–
Widdybank Fell	513	11.8	4.7	8.3	–	17.2	24	-0.8	4	8.7	–	133	–	24	8	25	19	–	0	–	–	–	2	4	7	–	–	4.78	–	–
Cleveland																														
North Yorkshire																														
Askham Bryan	33	16.1	7.1	11.6	-2.1	21.1	29	0.4	4	–	–	42	87	8	9	19	15	0	0	0	0	1	0	0	2	–	0	4.01	65	–
Cawood	6	16.0	7.4	11.7	-2.1	21.1	30	-0.2	8	12.8	12.3	43	92	7	9	20	14	0	0	0	1	0	0	1	4	–	0	4.12	67	–
Church Fenton	8	16.1	7.7	11.9	–	20.5	30	1.1	5	–	–	41	–	5	9	20	14	–	–	–	–	–	–	0	–	–	–	–	–	–
Fylingdales	262	13.4	6.4	9.9	–	19.3	24	0.0	2	–	–	84	–	17	2	22	15	0	–	–	–	–	–	0	–	–	–	–	–	–
Harrogate (Bilton)	66	15.4	7.6	11.5	-1.7	20.1	29,30	-0.4	8	–	–	70	145	7	16	23	19	0	0	0	0	0	0	2	1	–	0	3.70	60	S
High Mowthorpe	175	14.4	6.9	10.7	-1.8	18.7	29	1.2	8	11.4	–	70	132	9	18	24	18	–	0	–	–	–	2	0	2	–	–	–	–	–
Linton-on-Ouse	14	16.1	7.8	11.9	–	20.5	29	0.5	8	–	–	61	–	12	19	19	15	–	–	–	–	–	–	0	–	–	–	–	–	–
Leeming (A)	32	15.8	7.9	11.9	(-1.9)	20.7	24	1.4	8	12.9	11.8	40	93	7	21	20	12	0	0	1	0	2	0	0	3	0	0	4.50	–	S
Malham Tarn	381	12.4	5.9	9.1	-2.4	15.8	28	0.4	4	10.4	–	230	–	35	17	27	26	0	0	0	3	1	0	0	4	–	0	3.44	–	S
Scarborough	110	14.2	7.9	11.1	–	18.8	24	4.1	2	12.5	11.7	63	–	11	2	19	16	0	0	0	0	3	1	0	–	–	0	6.08	–	–
Whitby	41	15.6	8.2	11.9	(-1.2)	21.3	24	0.7	2	13.3	11.8	47	–	10	22	20	11	0	0	1	0	3	1	0	3	–	0	5.54	92	–
Whitby Coastguard	60	15.0	8.2	11.6	(-0.9)	20.3	24	0.8	2	–	–	42	–	9	22	16	9	0	0	0	0	2	2	0	0	0	0	–	–	–
Wycliffe Hall	120	–	–	–	–	–	–	–	–	–	–	57	–	8	8	20	16	0	0	0	0	0	–	–	–	–	0	–	–	–
Wykeham Forest	211	–	–	–	–	–	–	–	–	–	–	77	–	14	2	24	18	–	0	–	–	–	–	–	–	–	–	–	–	–
Humberside																														
Cleethorpes	23	16.3	8.5	12.4	–	21.8	30	1.0	2	–	–	59	–	9	19	22	16	–	0	–	–	–	1	0	2	0	–	4.86	–	–
Hull	2	16.4	8.8	12.6	-1.8	22.1	30	2.9	2	13.6	12.5	49	95	10	17	23	11	0	0	1	1	1	–	0	–	–	0	–	–	–
Lincolnshire																														
Coningsby (A)	6	16.5	8.0	12.3	–	22.6	30	1.5	5	–	–	48	–	9	24	23	16	0	0	0	0	3	0	0	2	0	0	–	–	–
Covenham	3	–	–	–	–	–	–	–	–	–	–	45	–	5	22	20	15	–	–	–	–	–	–	–	–	–	–	–	–	–
Cranwell (A)	62	16.3	8.0	12.1	-1.9	22.2	30	0.0	2	–	–	62	113	8	19	23	18	–	–	–	–	–	–	0	–	–	–	–	–	–
Driby	41	(15.7)	(7.4)	11.5	–	21.5	30	0.0	2	–	–	59	–	6	26	23	17	–	–	–	–	–	–	0	–	–	–	–	–	–
Kirton	4	16.5	8.2	12.3	–	22.3	30	1.5	4	12.8	11.4	57	–	9	24	21	17	0	0	0	1	5	0	0	3	–	0	5.12	–	–
Lincoln (Canwick)	7	16.4	8.3	12.3	–	21.8	30	0.6	2	12.8	11.8	51	–	7	26	19	18	0	0	0	1	4	0	0	3	–	0	–	–	–
Scampton	58	16.0	7.8	11.9	–	21.2	30	0.8	4	–	–	60	–	8	15	22	17	–	–	–	–	–	–	0	–	–	–	–	–	–
Skegness	5	16.0	9.0	12.5	(-1.4)	22.9	30	1.9	4	–	–	45	89	6	19	22	16	0	0	0	0	0	4	0	–	–	0	5.72	83	–
Waddington (A)	68	16.0	8.2	12.1	-2.0	21.5	30	2.2	4	13.0	12.3	43	86	7	24	23	14	0	0	0	1	4	0	0	2	0	0	4.81	71	–
3 EAST ANGLIA																														
Norfolk																														
Bressingham	30	17.2	8.1	12.7	–	22.4	30	0.8	4	–	–	65	–	16	23	23	17	0	0	0	0	0	0	0	3	0	0	–	–	–
Coltishall (A)	18	16.5	8.9	12.7	(-1.4)	22.3	30	2.0	5	–	–	94	223	11	15	23	17	0	0	0	1	2	0	0	3	0	0	–	–	–
Cromer	54	16.6	9.1	12.9	-1.0	22.9	30	3.2	4	–	–	55	127	7	24	20	14	0	0	0	0	2	1	0	2	–	0	5.38	80	–
Denver	2	16.4	8.8	12.6	–	21.9	30	1.0	5	13.3	11.7	98	–	14	24	24	19	–	0	–	–	–	0	0	–	–	–	4.44	–	–
Hemsby (A)	13	16.5	8.8	12.7	–	22.0	30	2.5	4	13.1	12.4	90	–	12	23	21	14	0	0	0	0	3	0	0	3	0	0	5.95	–	–
Hunstanton	15	15.8	9.5	12.7	–	21.1	30	4.0	4.5	–	–	66	–	9	19	23	18	0	–	0	0	1	–	0	–	–	0	5.18	–	–
Marham (A)	21	16.8	8.6	12.7	-1.7	22.7	30	1.5	4	–	–	89	175	15	24	24	18	0	0	1	0	5	0	0	3	0	0	4.76	–	–
Morley St Botolph	46	16.3	8.3	12.3	–	21.6	30	2.1	4	13.7	–	81	–	10	23	24	20	0	0	1	0	4	0	0	3	–	0	5.21	–	–
Norwich Weather Centre	15	16.5	9.3	12.9	–	22.8	30	3.2	4	–	–	65	–	9	23	23	15	0	–	1	1	4	0	0	–	–	0	5.13	–	–
South Raynham	68	15.9	8.0	11.9	–	21.6	30	1.4	4	–	–	73	–	13	24	25	18	0	0	0	0	5	0	0	2	–	0	–	–	–
Terrington St Clement	2	16.5	8.5	12.5	-1.6	22.2	30	0.9	4	13.3	–	83	164	14	24	24	19	0	0	0	0	0	0	0	3	–	0	4.54	71	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of * 1951-80 average	Exposure
3 EAST ANGLIA - Continued																														
Cambridgeshire																														
Boxworth	53	16.6	8.1	12.3	(-2.0)	22.4	30	1.1	2	–	–	84	–	11	23	24	18	0	0	0	0	1	0	0	2	–	0	3.56	(50)	–
Cambridge Botanic Garden	12	17.1	8.5	12.8	-2.1	23.3	30	0.1	4	14.1	12.8	89	185	13	27	26	18	0	0	0	2	3	0	0	3	–	0	–	–	–
National Institute of Agricultural Botany	24	16.7	8.8	12.7	-2.0	22.1	30	1.5	2	–	–	98	188	15	27	24	19	0	0	0	0	4	0	0	3	–	0	3.78	55	–
March	2	17.2	8.9	13.1	–	23.2	30	1.2	4	–	–	101	190	19	27	24	18	–	0	–	–	–	–	0	–	–	–	–	–	–
Marholm	21	17.3	8.1	12.7	–	22.9	30	-1.1	5	–	–	69	–	12	19,24	20	14	0	0	0	0	1	0	1	2	–	0	–	–	–
Mepal	-2	16.8	8.3	12.5	–	22.5	30	0.2	4, 5	13.5	11.9	87	–	24	27	22	17	0	0	0	0	0	0	0	3	–	0	4.61	–	–
Monks Wood	39	16.7	7.9	12.3	(-1.8)	22.3	30	-0.5	5	13.8	12.7	79	–	10	23	24	17	0	0	0	0	4	0	1	3	–	0	4.34	–	–
Wittering	73	16.0	8.3	12.1	-2.2	22.0	30	1.6	4	–	–	57	–	11	24	20	14	–	–	–	–	–	–	0	–	–	–	–	–	–
Wyton (A)	40	16.4	8.7	12.5	-2.2	22.4	30	1.9	4	–	–	81	158	15	23	21	15	0	0	1	0	2	0	0	3	0	0	4.78	–	–
Suffolk																														
Brooms Barn	75	16.3	8.7	12.5	(-1.9)	21.9	30	2.4	4	13.4	12.5	71	–	8	23	23	20	0	0	1	0	3	0	0	1	–	0	4.84	(70)	S
Cavendish	55	16.8	7.7	12.3	–	21.8	30	-0.5	4	13.7	–	70	–	11	23	22	16	0	0	0	0	3	0	1	3	–	0	4.46	–	–
East Bergholt	5	(17.4)	(8.1)	12.7	-1.9	21.7	30	-0.7	4	–	–	85	178	13	23	24	19	0	0	0	0	4	–	1	3	–	0	–	–	–
Honington (A)	51	16.8	8.6	12.7	–	22.4	30	1.4	4	–	–	69	–	15	23	25	21	0	0	0	1	4	0	0	3	0	0	5.22	–	–
Levington	22	17.0	9.1	13.1	–	21.0	30	2.7	2, 5	13.3	–	80	–	14	23	24	18	0	0	3	0	5	0	0	3	–	0	4.46	–	–
Lowestoft	25	17.0	9.5	13.3	-0.7	22.5	30	2.1	4	14.7	13.2	55	142	11	23	23	16	0	0	1	0	4	0	0	0	0	0	(4.49)	62	S
Wattisham (A)	89	16.4	8.1	12.3	-1.8	21.4	30	0.5	4	–	–	91	198	13	7	23	21	0	0	0	0	3	0	0	2	0	0	4.92	–	–
Westleton	10	16.5	8.5	12.5	–	21.0	30	2.1	4	–	–	92	–	19	15	21	20	0	0	0	0	6	0	0	0	–	0	–	–	–
Bedfordshire																														
Bedford (A)	85	16.1	8.1	12.1	–	21.4	30	2.0	4	–	–	84	162	14	23	26	17	–	–	–	–	–	–	0	–	–	–	–	–	–
Woburn	89	16.5	8.3	12.4	-1.6	21.4	30	0.3	2	13.6	11.3	88	157	13	15	26	18	0	0	0	0	2	–	0	3	–	0	4.31	67	S
Hertfordshire																														
Aldenham School	91	16.7	8.6	12.7	–	22.0	21	1.6	4	14.2	–	93	–	15	23	26	14	0	0	0	0	2	0	0	1	0	0	–	–	–
Rothamsted	128	16.1	7.7	11.9	-2.1	20.9	30	0.3	4	12.7	10.9	100	173	15	27	22	16	0	0	1	0	3	0	0	5	–	0	4.27	65	–
Stanstead Abbotts	30	(17.5)	(8.8)	13.1	–	21.7	30	1.5	5	–	–	98	–	13	14	22	19	–	0	–	–	–	–	0	–	–	–	–	–	–
Essex																														
Clacton-on-Sea	16	16.5	9.9	13.2	-1.5	19.5	14	3.3	4	13.3	12.2	81	176	11	23	24	17	0	0	0	0	0	0	0	0	–	0	4.11	55	–
Halstead	70	17.2	8.9	13.1	–	22.0	30	1.5	4	13.8	12.3	78	–	12	14	24	17	0	0	0	1	2	0	0	–	–	0	–	–	–
Rettendon	16	16.9	8.9	12.9	–	21.1	30	1.6	4	–	–	102	–	13	28	21	18	0	0	0	0	5	0	0	2	–	0	4.22	–	–
Shoeburyness																														
Landwick (A)	2	17.0	9.8	13.4	–	20.6	29	2.5	4	–	–	85	–	17	26	21	18	–	–	–	–	–	–	0	–	–	–	–	–	–
Southend	2	16.4	9.7	13.1	–	20.1	29	4.6	4	–	–	92	–	17	26	23	17	0	0	0	0	4	–	0	–	–	0	(4.48)	–	–
Stansted (A)	101	16.5	8.5	12.5	-1.8	21.2	30	2.2	4	12.9	–	89	189	13	23	24	18	0	0	2	0	6	0	0	3	0	0	–	–	–
Writtle	35	17.2	8.9	13.1	-1.4	21.5	21	1.8	2, 5	14.0	–	81	169	14	23	22	17	0	0	1	0	4	0	0	3	–	0	3.88	59	–
4 MIDLAND COUNTIES																														
West Yorkshire																														
Bradford	134	14.8	7.7	11.3	-2.2	19.7	30	1.3	5	12.3	10.8	136	235	66	27	23	19	0	0	2	0	2	1	0	3	–	0	3.60	60	–
Bramham	54	15.8	7.5	11.7	-1.7	20.4	30	0.3	5	–	–	48	–	4	9	21	18	0	0	0	0	2	1	0	4	1	0	3.66	(61)	–
Emley Moor	259	14.2	7.4	10.8	–	19.0	30	1.4	4	–	–	81	–	17	27	23	17	0	0	–	–	–	–	0	2	–	–	–	–	–
Holme Moss	520	11.5	5.6	8.5	–	16.8	30	0.6	3	–	–	189	–	22	19	25	22	1	0	1	0	3	5	0	–	–	4	–	–	–
Leeds Weather Centre (X)	62	16.3	8.9	12.6	–	21.2	28	2.5	8	–	–	75	–	10	18	21	20	0	–	0	0	3	0	0	–	–	0	4.69	–	–
Wilsden (A)	262	14.0	7.0	10.5	–	19.2	30	0.8	8	–	–	102	–	16	9	23	19	0	0	0	0	3	3	0	4	3	0	–	–	–
South Yorkshire																														
Finningley (A)	10	16.6	7.7	12.1	–	21.8	30	-0.6	5	12.5	–	55	–	9	19	21	17	0	0	0	0	1	0	2	5	1	0	4.53	–	–
Sheffield, Weston Park	131	15.8	8.5	12.1	-2.2	21.4	25,30	2.2	5	13.1	12.1	69	123	15	27	21	14	0	0	1	0	1	–	0	–	–	0	5.13	85	–
Derbyshire																														
Ashover	178	15.4	7.6	11.5	–	20.2	28	0.7	4	–	–	77	–	14	6	24	16	0	0	0	1	1	1	0	3	–	0	–	–	–
Buxton	307	13.9	6.9	10.4	-2.0	18.6	25	0.2	4	12.1	11.1	105	128	16	18	25	19	0	0	0	0	0	0	0	3	–	0	4.72	82	–
Wingerworth	116	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Nottinghamshire																														
Clarborough	21	17.1	7.4	12.3	–	23.0	30	-0.7	4	13.6	12.1	49	–	7	15	22	14	–	0	–	–	–	0	2	4	–	–	3.86	–	S
Keyworth	69	16.0	8.4	12.2	–	22.0	30	0.6	2	–	–	59	–	12	26	21	14	0	0	0	1	3	0	0	3	–	0	–	–	–
Southwell	70	15.5	7.9	11.7	–	19.5	26	1.0	5	13.5	12.1	59	–	9	19	17	13	–	0	–	–	–	0	0	–	–	–	4.88	–	–
Sutton Bonington	48	16.3	8.0	12.1	-1.9	21.2	30	-0.4	2	12.1	11.4	61	117	14	27	18	15	0	0	0	0	0	0	1	3	2	0	3.41	56	–
Warsop	46	16.3	6.9	11.6	-2.0	21.2	30	-1.2	5	–	–	61	117	17	27	22	14	0	0	1	0	2	0	3	6	–	0	3.25	53	–
Nottingham W.C. (A)	117	15.6	7.9	11.7	-2.4	21.0	30	2.0	2, 4	13.2	–	63	103	10	24	23	18	0	0	1	0	3	0	0	3	0	0	4.59	77	–
Wiseton	6	16.1	6.2	11.1	–	21.5	30	0.0	8	–	–	59	–	12	19	21	17	0	0	0	0	3	0	0	–	–	0	4.34	–	–
Staffordshire																														
Cellarhead	228	14.1	6.8	10.5	–	19.0	29	0.0	4	–	–	103	–	26	15	23	14	0	0	–	–	–	–	0	4	1	–	–	–	–
Keele (A)	179	14.6	7.5	11.1	-2.2	21.1	30	2.3	2	11.7	10.6	69	99	11	15	19	14	0	0	0	0	0	0	0	3	0	0	3.92	66	S
Penkridge	101	15.9	(7.8)	11.9	-1.7	21.0	30	1.6	2	–	–	70	130	13	15	18	15	0	0	0	0	0	–	0	–	–	0	–	–	–
Leicestershire																														
Brooksby Hall	70	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Caldecott	53	16.3	8.1	12.2	-1.7	22.0	30	-0.5	4	–	–	69	146	9	24	22	17	0	0	1	0	3	0	1	3	–	0	4.23	67	–
Cottesmore	138	15.5	7.6	11.5	–	21.1	30	0.5	4	–	–	65	–	11	24	24	14	–	–	–	–	–	–	0	–	–	–	–	–	–
Newtown Linford	119	16.2	7.4	11.8	-1.9	22.0	30	-0.9	2	–	–	74	130	14	24	21	18	0	0	0	0	1	0	1	4	–	0	4.18	70	S
Shropshire																														
Edge	126	15.5	7.7	11.6	–	20.1	29	0.5	5	–	–	54	–	10	24	24	14	0	0	0	0	1	0	0	6	–	1	–	–	–
Ludlow College	107	16.4	7.5	11.9	–	21.6	30	-0.6	5	–	–	62	–	11	24	23	16	0	0	0	0	1	–	1	–	–	0	–	–	–
Nethercott	150	15.5	7.2	11.3	–	20.2	30	-1.0	5	–	–	86	–	13	24	22	19	0	0	0	1	2	0	1	4	–	0	–	–	–
Newcastle-on-Clun	210	15.1	7.1	11.1	–	19.7	30	-1.0	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–
Oswestry School	139	15.5	8.2	11.9	–	20.6	29	2.4	5	–	–	66	–	11	9	21	14	0	0	0	1	0	0	0	–	–	0	–	–	–
Pennerley	357	13.5	6.5	10.0	–	17.5	30	1.8	4	–	–	92	–	14	24	22	20	0	0	0	0	0	1	0	2	–	0	–	–	–
Preston Montford	67	16.2	7.0	11.6	–	21.3	30	-0.7	5	12.6	11.9	55	–	10	14,24	22	15	0	0	0	0	0	0	1	6	–	0	4.62	–	S
Shawbury (A)	72	15.9	7.5	11.7	-2.1	20.3	29	-0.3	5	12.4	–	64	117	11	24	20	15	0	0	0	0	0	0	1	5	–	0	4.88	78	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min below 0 deg C	Concrete min below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
4 MIDLAND COUNTIES - Continued																														
West Midlands																														
Birmingham Elmdon Airport (A)	98	16.0	8.1	12.1	-1.8	21.9	30	-0.8	2	12.2	–	69	131	12	26	20	15	0	0	0	0	1	0	1	3	1	0	4.57	71	–
Winterbourne	140	15.9	8.3	12.1	–	21.4	30	0.5	2	13.5	11.9	65	–	14	24	21	18	0	0	0	0	1	0	0	3	0	0	4.35	–	–
Halesowen	155	16.0	7.8	11.9	-2.1	21.7	30	-0.1	2	12.6	11.7	64	108	13	24	22	16	0	0	0	0	1	0	1	2	0	0	4.75	75	S
Walsall	163	15.8	8.2	12.0	-2.3	21.3	30	2.1	2	–	–	59	–	11	24	18	13	0	0	0	0	0	–	0	3	–	0	–	–	–
Warwickshire																														
Coventry (Bablake)	93	16.6	8.6	12.6	–	22.8	30	0.4	2	14.0	12.2	56	–	9	24	21	16	0	0	0	0	0	0	0	2	1	0	4.36	–	–
Rugby	117	16.6	7.2	11.9	(-2.4)	22.0	30	1.4	4	13.7	12.7	76	136	11	26	20	16	0	0	0	1	1	–	0	2	2	0	–	–	–
Stratford-upon-Avon	49	16.7	7.2	11.9	-2.3	21.8	30	-1.6	3	14.0	–	67	132	14	24	22	15	–	0	–	–	–	0	3	7	–	–	4.23	67	S
Wellesbourne	47	16.8	7.8	12.3	-2.0	22.9	30	-0.7	2	13.2	12.4	65	132	14	24	19	13	0	0	0	0	0	0	1	6	0	0	4.60	73	–
Northamptonshire																														
Moulton Park	122	16.3	7.9	12.1	–	22.0	30	2.1	4	14.0	12.6	90	–	17	23	24	19	0	0	0	1	3	–	0	3	–	0	3.46	–	S
Raunds	59	16.9	8.2	12.5	-1.9	23.0	30	1.3	4	14.0	12.1	76	146	11	15	23	16	0	0	0	0	1	0	0	3	–	0	–	–	S
Hereford & Worcester																														
Astwood Bank	139	16.1	7.7	11.9	–	22.0	30	0.9	4	–	–	71	–	15	26	22	14	0	0	0	1	1	0	0	3	–	0	–	–	–
Barbourne	25	17.3	8.0	12.7	–	23.2	30	-1.0	4	–	–	67	–	11	24	21	17	0	0	0	0	0	0	1	6	–	0	–	–	–
Batchley Farm	247	14.4	7.3	10.9	–	19.5	30	0.6	4	11.8	–	81	–	14	24	23	16	0	0	0	0	0	0	0	3	–	0	–	–	–
Great Malvern	44	17.5	8.8	13.1	–	23.0	30	1.7	2	–	–	67	–	11	24	22	16	0	–	–	–	–	–	0	–	–	–	–	–	–
Lyonshall	155	15.5	8.0	11.7	-2.2	21.0	30	0.8	5	–	–	73	131	13	24	21	15	–	–	–	–	–	–	0	3	–	–	–	–	–
Madley	77	16.2	8.0	12.1	–	21.0	30	-0.6	4	–	–	67	–	11	24	23	17	–	–	–	–	–	–	1	3	–	–	–	–	–
Malvern	62	16.9	8.8	12.9	-2.0	22.1	30	2.2	2	14.1	12.3	70	122	11	24	23	16	0	0	0	0	0	0	0	2	–	0	4.00	63	S
Pershore College of Hort	40	16.5	8.4	12.5	-2.2	22.0	30	0.9	3	–	–	66	123	13	24	22	16	0	0	0	0	0	0	0	3	–	0	–	–	S
Preston Wynne	84	15.7	7.7	11.7	-2.1	21.0	29	-0.4	4	–	–	79	161	12	24	24	20	–	0	–	–	–	0	1	7	–	–	3.43	52	–
Ross on Wye	67	16.4	8.7	12.5	-2.0	21.4	30	1.0	4	13.9	–	76	153	12	24	23	17	0	0	0	0	0	0	0	3	–	0	4.63	72	–
Gloucestershire																														
Cheltenham	65	16.1	8.0	12.1	-3.0	21.3	30	-0.2	4	–	12.5	116	200	16	26	26	23	0	0	0	0	0	0	1	–	–	0	4.15	65	–
Cirencester	135	16.0	7.4	11.7	–	21.0	30	-0.7	2	13.4	–	122	–	23	9	22	18	0	0	0	0	0	–	1	3	–	0	–	–	–
Didbrook Fields	80	16.1	7.8	11.9	–	20.7	28	-0.9	4	–	–	91	–	15	26	23	17	0	0	0	0	0	0	1	–	–	0	–	–	–
Randwick	200	15.1	7.4	11.3	–	19.4	30	0.7	4	13.4	–	104	–	14	25	23	19	0	0	0	0	0	1	0	2	–	0	–	–	–
Slimbridge	5	(16.2)	8.1	12.1	–	20.2	30	-0.7	4	–	–	88	–	16	23	22	19	0	0	0	0	0	–	2	4	–	0	–	–	–
Westonbirt	122	15.7	7.3	11.5	–	19.6	30	-1.5	2	14.2	12.8	140	–	33	9	25	19	0	0	0	0	0	0	2	3	–	0	3.84	–	S
Oxfordshire																														
Benson (A)	67	16.7	8.8	12.7	–	21.2	30	1.0	2	–	–	66	120	13	23	22	16	–	–	–	–	–	–	0	–	–	–	–	–	–
Brize Norton (A)	81	16.3	8.2	12.3	-2.2	20.8	30	-0.3	2	13.4	–	98	–	18	23	21	19	0	0	0	0	0	0	1	3	2	0	4.40	–	–
Oxford (A)	63	16.8	9.0	12.9	-2.1	21.7	30	1.8	2	14.6	–	75	127	12	23	23	17	0	0	0	0	0	0	0	3	1	0	5.00	72	–
Shirburn (Model Farm)	108	16.6	8.0	12.3	–	21.2	30	0.3	2	14.3	13.0	91	–	14	23	23	17	0	0	0	0	1	0	0	3	–	0	–	–	–
Wallingford	48	16.9	8.2	12.5	(-1.7)	20.6	21.30	-1.2	2	13.8	–	67	–	14	23	22	15	0	0	0	0	0	–	2	3	–	0	4.00	(61)	S
Buckinghamshire																														
Grendon Underwood	67	16.6	7.2	11.9	-1.9	20.8	30	-2.5	2	13.7	–	88	151	13	23	18	17	–	0	–	–	–	0	2	4	–	–	–	–	S
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	17.7	9.9	13.8	(-1.9)	22.0	21	3.7	5	–	–	107	223	27	26	22	16	0	0	0	0	2	0	0	0	–	0	3.55	54	S
Hampstead	137	16.7	8.8	12.7	-2.1	21.2	21	3.1	4	–	–	107	–	17	23	27	15	0	0	0	0	2	0	0	3	–	0	–	–	–
Heathrow Airport (A)	25	17.7	9.7	13.7	-2.0	22.6	21	2.9	4	–	–	89	174	15	23	23	15	0	0	0	0	1	0	0	3	0	0	4.50	66	–
Kew Royal Botanic Gardens	6	17.3	9.3	13.3	–	21.5	21	2.1	4	14.2	12.8	96	197	19	26	23	17	0	0	0	0	2	0	0	2	0	0	4.47	–	–
London Weather Centre (A) (X)	77	17.2	10.8	14.0	–	21.5	21	6.5	4	–	–	94	–	19	26	25	18	0	–	0	0	4	0	0	–	–	0	4.20	–	–
Northolt	34	17.3	9.3	13.3	–	21.9	21	2.0	5	–	–	89	–	19	23	19	15	0	0	0	1	1	0	0	2	0	0	–	–	–
Northwood	85	16.6	9.1	12.9	–	21.0	21	3.5	4	–	–	87	–	16	23	22	17	0	0	0	0	1	–	0	–	–	0	–	–	–
St James's Park	9	17.6	10.4	14.0	-2.0	21.6	21	5.1	4, 5	15.2	13.8	103	191	21	26	24	20	–	0	–	–	–	–	0	0	–	–	–	–	–
Waltham Cross	32	17.7	–	–	–	21.6	21	–	–	14.4	–	101	–	15	23	23	16	–	0	–	–	–	–	–	–	–	–	3.91	–	S
Wiltshire																														
Boscombe Down (A)	126	16.1	8.5	12.3	-2.0	20.8	28	0.6	4	–	–	108	207	24	23	25	22	–	–	–	–	–	–	0	–	–	–	–	–	–
Lacock	49	16.4	8.1	12.3	-1.7	20.8	29	-0.2	4	–	–	95	170	20	23	21	18	0	0	0	0	2	0	1	2	–	0	–	–	–
Larkhill	132	16.0	8.3	12.1	-2.0	19.6	28	2.0	4	–	–	120	–	23	23	26	20	–	–	–	–	–	–	0	–	–	–	–	–	–
Lyneham (A)	145	15.7	8.2	11.9	-2.2	20.0	28,30	2.5	4	–	–	90	153	15	23	23	18	0	0	0	0	0	0	0	3	0	0	4.95	72	–
Marlborough	129	16.5	7.6	12.1	-1.7	20.2	28	-1.0	2	14.0	–	123	213	25	23	20	19	0	0	0	0	0	0	2	–	–	0	4.55	(70)	–
Netheravon	129	15.8	7.7	11.7	–	19.3	28	-0.4	4	–	–	139	–	27	27	24	22	–	–	–	–	–	–	1	–	–	–	–	–	–
Berkshire																														
Arborfield	49	16.8	8.5	12.7	–	20.5	21	-0.6	4	–	–	88	–	17	23	20	14	0	0	0	0	0	0	3	3	–	0	4.54	–	–
Easthampstead	74	16.6	8.5	12.5	–	20.7	21	-0.6	2	13.9	12.8	85	–	17	23	22	15	0	0	0	0	2	0	2	3	3	0	4.35	–	–
Hurley	43	16.7	8.7	12.7	-1.8	21.0	21	0.6	2	13.8	–	83	143	19	23	21	15	0	0	0	0	0	0	0	3	–	0	4.35	66	–
Lambourn (Warren Farm)	192	(15.7)	(7.7)	11.7	–	19.3	30	1.4	4	(12.7)	–	102	–	19	23	25	20	0	0	0	0	0	–	0	–	–	0	–	–	–
Reading	66	16.6	9.1	12.9	–	20.3	29	1.5	2	13.4	12.3	76	–	16	23	20	14	0	0	0	0	1	0	0	3	1	0	3.68	–	–
Surrey																														
Merrist Wood	45	–	–	–	–	–	–	–	–	–	–	82	–	16	23	21	15	0	–	0	0	1	–	–	–	–	0	–	–	–
Mickleham	55	16.9	8.1	12.5	-1.6	20.4	29	0.0	2, 4, 5	14.7	13.1	88	162	17	23	23	15	0	0	0	0	2	0	0	3	–	0	–	–	–
Wisley	32	17.2	8.9	13.1	-1.8	21.0	21	0.9	4	13.8	12.9	69	144	15	23	23	15	0	0	0	0	1	0	0	3	–	0	4.45	65	–
Kent																														
Anvil Green	139	14.9	8.6	11.7	–	18.0	29	2.0	4	–	–	121	–	18	23	23	20	0	–	1	0	5	0	0	1	–	0	–	–	–
Charing	91	–	–	–	–	–	–	–	–	–	–	108	–	18	23	25	22	–	–	–	–	–	–	–	–	–	–	–	–	–
East Malling (A)	33	16.6	9.2	12.9	-1.7	20.5	29	1.5	5	14.4	13.2	110	219	20	26	25	17	0	0	0	0	6	0	0	3	0	0	4.91	70	–
Edenbridge	45	16.6	8.3	12.5	–	19.3	29	0.3	5	–	–	109	–	20	23	25	21	–	–	–	–	–	–	0	–	–	–	–	–	–
Elmstone	5	17.8	8.7	13.3	–	20.7	29	1.9	2, 5	–	–	97	–	13	23,26	21	16	0	0	0	0	4	0	0	–	–	0	–	–	–
Folkestone	31	15.6	9.6	12.6	–	18.8	28	3.4	5	–	13.4	116	–	30	23	25	19	0	0	0	0	2	0	0	0	–	0	5.38	69	–
Goudhurst	85	16.0	8.5	12.3	-1.8	20.1	29	0.6	4	–	–	143	251	26	23	26	19	0	0	0	0	4	0	0	3	–	0	–	–	–
Hadlow College	27	16.7	8.4	12.5	–	20.6	29	0.4	4	13.6	–	109	–	19	23	23	18	0	0	0	0	0	0	0	–	–	0	3.56	–	–
Herne Bay	27	16.6	9.5	13.1	–	20.0	29	2.9	4	14.1	12.3	80	–	13	26	21	17	0	0	0	0	4	0	0	0	0	0	5.85	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min below 0 deg C	Concrete min below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of 1951-80 average*	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																														
Kent - Continued																														
Manston (A)	44	16.6	9.2	12.9	-1.6	19.1	29	3.5	4	14.3	—	87	181	19	26	21	14	0	0	0	0	1	0	0	2	0	0	5.19	—	-
Margate, North Down	40	16.8	9.7	13.3	—	19.7	29	4.1	4	16.2	14.4	109	—	28	26	22	18	0	0	0	0	1	1	0	0	—	1	—	—	-
Ulcombe	47	16.8	8.5	12.7	—	21.0	29	0.7	5	—	—	107	—	18	23	23	20	0	0	1	0	6	0	0	3	0	0	4.56	—	-
Wye	56	16.1	8.3	12.2	-2.2	21.5	29	1.1	2	13.6	12.5	120	235	18	23	22	19	0	0	0	0	4	0	0	3	—	0	4.32	60	-
Hampshire																														
Alice Holt Lodge	115	16.5	8.2	12.3	-1.9	20.0	28,29	1.1	4	—	—	87	168	24	23	21	17	0	0	0	0	1	0	0	3	—	0	4.09	60	S
Butser, Windmill Hill	160	15.9	8.3	12.1	—	20.5	28	1.5	2	14.3	12.7	162	—	44	23	23	20	0	0	0	0	1	0	0	3	—	0	—	—	-
Everton	16	15.5	9.4	12.5	-1.8	19.1	27	2.9	4	—	—	113	202	28	23	21	16	0	0	0	0	0	0	0	1	—	0	5.21	69	-
Hayling Island	4	15.9	10.6	13.3	-1.6	19.0	27	5.3	4	—	—	82	187	21	23	18	17	0	0	0	0	1	0	0	—	—	0	5.54	70	-
Kingsclere, Strattons Farm	102	16.5	8.3	12.4	—	20.4	28	-0.1	2	—	—	106	—	19	23	25	19	0	0	0	0	1	0	1	3	—	0	—	—	-
Leckford	117	16.0	8.3	12.1	-2.0	19.8	28	1.5	4	13.0	—	100	173	25	23	22	17	0	0	0	0	0	0	0	—	—	0	4.67	75	-
Long Sutton	145	15.9	8.2	12.1	(-2.1)	19.7	28	2.1	4	14.5	12.9	93	182	25	23	23	14	0	0	1	1	1	0	0	2	0	0	3.72	56	-
Martyr Worthy	84	16.4	8.4	12.4	(-1.8)	20.2	28	-0.7	4	—	—	111	—	25	23	23	17	0	0	0	0	2	0	1	3	—	0	—	—	-
Middle Wallop	90	16.6	8.5	12.5	—	19.9	28	1.4	4	—	—	120	—	25	27	26	18	—	—	—	—	—	—	0	—	—	—	—	—	-
Odiham	118	16.0	9.0	12.5	—	19.7	28	2.2	2	—	—	76	—	19	23	24	17	0	0	0	0	1	0	0	3	0	0	4.39	—	-
Otterbourne	34	16.4	8.9	12.7	—	20.5	28	0.2	4	14.8	13.4	127	—	33	23	23	16	—	0	—	—	—	—	0	1	—	—	—	—	-
Solent M R S C	9	15.8	10.8	13.3	—	19.7	20	4.1	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	—	-
Southampton Mayflower Park	3	16.6	10.0	13.3	—	21.7	28	3.8	4	14.7	13.7	111	—	31	23	22	18	0	0	0	0	1	0	0	2	0	0	4.44	—	S
Weather Centre (X)	19	16.7	10.1	13.4	—	21.6	28	4.0	4	—	—	117	—	33	23	23	19	0	—	0	0	1	0	0	—	0	0	—	—	-
South Farnborough	69	17.2	8.6	12.9	-1.9	21.2	21	0.4	4	—	—	78	—	15	23	24	14	—	—	—	—	—	—	0	—	—	—	—	—	-
Southsea	2	15.8	10.6	13.2	-2.2	19.2	28	4.6	4	15.4	13.9	91	202	26	23	21	18	0	0	0	0	0	0	0	1	—	0	(5.38)	69	-
Sparsholt	113	(16.1)	(8.5)	12.3	—	20.5	29	1.5	4	—	—	124	204	36	23	20	15	0	0	0	0	0	—	0	2	—	0	—	—	-
Isle of Wight																														
Ryde	4	16.1	10.6	13.3	-1.9	19.7	28	6.4	4	—	—	90	184	25	23	19	15	0	0	0	1	1	0	0	—	—	0	5.97	77	-
St Catherines Point	16	14.2	10.3	12.3	—	17.0	20	6.1	4	—	—	98	212	26	19	21	15	—	—	—	—	—	—	0	—	—	—	—	—	-
Sandown	4	16.1	10.2	13.1	-1.9	19.5	28	4.3	4	—	—	99	—	17	23	17	16	0	0	0	0	0	0	0	—	—	0	5.97	73	-
Shanklin	55	15.2	9.5	12.3	-1.9	18.4	28	3.0	2	—	—	118	203	27	19	21	16	0	0	0	0	0	2	0	—	—	0	6.41	74	-
Ventnor Park	135	14.8	9.9	12.3	-2.0	19.6	20	4.3	4	14.7	—	101	177	27	19	19	15	0	0	0	0	0	2	0	—	—	0	5.45	70	-
Wellow	25	15.3	9.2	12.3	—	19.3	20	1.1	4	—	—	102	—	25	23	21	14	—	—	—	—	—	—	0	2	—	—	—	—	-
West Sussex																														
Bognor Regis	7	14.8	10.2	12.5	-2.1	18.7	28	3.7	4	—	13.4	109	227	21	23	22	17	0	0	0	0	2	0	0	0	—	0	5.80	73	-
Gatwick Airport (A)	59	16.7	8.7	12.7	-1.6	20.2	29	-0.4	5	14.8	—	110	207	30	23	22	17	0	0	0	0	2	0	1	2	0	0	4.86	69	-
Rogate	64	16.6	8.7	12.7	—	20.6	28	1.9	5	14.6	—	128	—	33	23	22	19	0	0	0	0	0	0	0	3	—	0	(4.10)	—	S
Rustington	3	15.7	9.6	12.7	—	19.0	28	1.4	4	—	12.9	123	—	28	23	23	19	0	0	0	0	2	1	0	3	—	0	5.32	—	-
Worthing	2	15.4	9.9	12.7	—	18.2	27	2.7	4	14.3	—	114	—	25	23	24	20	0	0	1	0	1	0	0	3	—	0	4.84	61	-
5 ENGLAND S E & CENTRAL S.- Contd																														
East Sussex																														
Bexhill	4	15.0	10.0	12.5	-2.0	19.1	28	4.0	4	14.4	13.1	131	268	18	23	24	19	0	0	0	0	0	0	0	0	—	0	3.89	50	-
Brede	82	—	—	—	—	—	—	—	—	—	—	149	—	30	23	23	20	—	—	—	—	—	—	—	—	—	—	—	—	-
Brighton	116	14.8	9.4	12.1	—	17.9	27	4.3	4	—	—	129	—	22	23	24	16	0	0	0	0	0	4	0	0	—	0	—	—	-
Eastbourne	7	15.2	10.5	12.9	-1.8	17.6	29	5.2	4	13.9	13.4	139	273	16	23	24	19	0	0	0	0	2	0	0	0	—	2	5.00	60	-
East Hoathly	38	—	—	—	—	—	—	—	—	—	—	146	—	37	23	26	19	—	—	—	—	—	—	—	—	—	—	—	—	-
Hastings	45	14.9	9.9	12.4	-2.2	17.1	27	3.9	4	15.0	13.6	132	264	19	23	21	18	0	0	0	0	3	1	0	1	0	0	4.63	59	-
Herstmonceux (A)	17	15.4	8.8	12.1	—	18.5	29	0.8	4	—	—	136	—	21	23	26	19	0	0	1	0	4	0	0	3	0	0	4.59	—	-
Plumpton	76	15.7	9.4	12.5	—	18.8	29	2.5	5	—	—	165	239	49	23	26	18	0	0	0	0	2	1	0	2	—	0	4.24	—	-
7A ENGLAND NW & I.o.M.																														
Cumbria																														
Aspatria	61	15.4	7.9	11.7	—	18.7	24	0.7	4	—	—	82	—	10	1.29	22	18	0	0	0	0	1	0	0	3	—	0	6.09	—	-
Carlisle (A)	26	15.5	7.8	11.7	-1.8	19.0	28	1.0	4	—	—	98	197	11	29	23	18	—	—	—	—	—	—	0	—	—	—	—	—	-
Casterton	129	14.7	7.3	11.0	—	18.5	24,28	-1.4	4	—	—	132	—	22	9	27	23	0	0	0	0	2	0	1	7	—	0	—	—	-
Eskmeals (A)	8	15.2	8.6	11.9	—	17.7	24	0.7	4	13.4	12.4	73	—	11	8	21	14	—	0	—	—	—	—	0	5	1	—	—	—	-
Grizedale	91	14.7	5.5	10.1	—	18.4	28	-2.6	5	12.9	—	158	124	37	11	21	19	0	0	0	0	0	0	2	8	—	0	—	—	-
Newton Rigg	171	15.5	7.2	11.3	-1.6	19.8	24	-0.3	5	13.8	—	68	115	13	9	22	15	0	0	1	0	0	0	1	3	—	1	5.39	87	-
Sellafield (A)	22	(15.0)	8.3	11.7	—	17.7	24,27	1.3	4	—	—	91	—	25	29	20	17	—	0	—	—	—	—	0	2	—	—	5.47	—	-
Stainburn	26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Whins Pond	125	—	—	—	—	—	—	—	—	—	—	57	—	9	8	23	19	—	—	—	—	—	—	—	—	—	—	—	—	-
Lancashire																														
Aughton (A)	54	15.1	8.7	11.9	—	19.2	30	3.4	3	13.0	12.3	60	—	10	24	22	16	0	0	0	1	1	0	0	3	0	0	5.93	—	-
Hazelrigg	95	14.7	8.3	11.5	—	17.8	24	1.7	4	12.3	11.3	88	—	12	27	23	19	1	0	0	1	1	0	0	5	1	0	5.00	—	-
Lathom Park	55	15.4	8.4	11.9	—	19.3	30	2.6	5	14.4	—	75	—	10	22	19	16	0	0	0	0	0	—	0	—	—	0	4.61	—	S
Morecambe	7	15.5	9.7	12.6	-1.8	18.7	24	2.5	4	—	—	81	119	18	27	23	19	0	0	0	0	1	0	0	—	—	0	5.66	84	-
Myerscough	14	16.6	7.9	12.3	—	20.2	30	0.0	4	14.5	13.2	51	—	9	2	24	17	0	0	0	0	3	—	0	5	—	0	5.42	—	S
Preston	33	15.7	8.5	12.1	-1.8	19.4	30	0.6	4	—	—	71	102	11	22	22	19	0	0	0	1	1	0	0	—	—	0	—	—	-
Slaidburn	192	14.6	7.0	10.8	-1.9	18.5	24	-1.0	5	—	—	112	127	12	22	26	24	1	0	0	0	0	—	1	5	—	0	4.42	72	S
Squires Gate Airport (A)	10	15.7	8.7	12.2	-1.6	19.3	30	0.1	5	—	—	33	60	5	8	20	15	0	0	0	0	0	0	0	7	0	0	6.23	86	-
Merseyside																														
Aigburth (A)	12	16.1	9.5	12.8	—	21.8	30	4.0	5	—	—	47	—	11	18	22	15	0	0	0	0	0	0	0	0	0	0	—	—	-
Bidston	60	15.9	9.7	12.8	—	20.8	30	5.5	5	—	—	47	86	10	24	21	14	0	0	2	0	0	0	0	0	—	0	5.35	—	-
Crosby	6	15.4	9.3	12.3	—	19.0	30	1.0	5	—	—	67	—	10	24	21	15	0	—	0	0	1	—	0	—	—	0	—	—	-
Southport, Greenbank	15	15.5	9.3	12.4	—	19.0	30	2.8	5	13.9	13.0	37	—	5	18	19	14	0	0	0	0	0	0	0	1	0	0	5.80	—	-
Greater Manchester																														
Bolton	107	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
Manchester Ringway Airport (A)	75	15.6	8.0	11.8	-2.5	19.8	30	0.8	4	—	—	69	110	17	15	22	17	0	0	0	1	2	0	0	3	0	0	4.62	73	-
Cheshire																														
Bradeley Green	115	(15.6)	(7.8)	11.7	—	(20.5)	30	1.8	5	—	—	(58)	—	(6)	24	22	17	0	0	1	0	0	—	0	—	—	0	—	—	-
Delamere Forest	68	(16.0)	(7.2)	11.6	—	21.9	29	-0.5	5	—	—	67	—	10	18	21	18	0	0	0	0	0	—	1	2	—	0	—	—	-
Knutsford	65	15.9	7.7	11.8	(-2.4)	20.5	30	0.8	4	13.2	12.2	80	—	21	15	22	16	0	0	0	0	1	—	0	5	—	0	—	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine			
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation																
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
7A ENGLAND NW & I.o.M. - Continued																															
Cheshire - Continued																															
Macclesfield	143	15.0	7.4	11.2	-2.7	19.7	29,30	0.1	4	–	–	95	133	14	18	25	16	0	0	0	0	0	0	0	–	–	0	–	–	–	
Nantwich, Reaseheath Hall	40	16.3	7.5	11.9	–	20.8	29,30	0.5	5	–	–	65	–	11	9	20	16	0	0	0	0	1	–	0	3	–	0	–	–	–	
Ness Gardens	30	16.1	8.5	12.3	–	21.2	30	1.7	5	13.4	–	50	–	10	3	22	15	0	0	0	0	0	0	0	3	–	0	4.92	–	S	
Isle of Man																															
Douglas	85	13.7	8.6	11.1	-1.8	17.5	25	2.6	5	–	–	69	107	19	8	21	15	0	0	0	0	0	2	0	1	–	0	4.08	56	–	
Point of Ayre (A)	9	15.7	8.5	12.1	-1.3	20.2	30	2.5	5	–	–	41	85	14	8	19	11	0	0	0	0	0	0	0	–	–	0	6.04	84	–	
Ronaldsway Airport (A)	16	14.5	8.5	11.5	-1.4	17.6	27	1.4	5	–	–	53	100	17	8	19	11	0	0	0	1	0	1	0	1	0	0	5.52	77	–	
7B WALES N																															
Gwynedd																															
Aber	10	–	9.0	–	–	–	–	2.6	5	13.3	–	61	–	11	18	21	14	0	0	0	0	0	0	0	–	–	0	5.12	–	–	
Amlwch, Anglesey	114	14.0	8.6	11.3	–	17.1	30	4.6	4	–	–	61	–	10	8	23	17	0	0	0	0	0	1	0	3	–	1	–	–	–	
Arthog, Fegla Fach Farm	7	16.0	9.3	12.7	–	19.2	23	2.2	4	–	–	86	–	19	24	24	17	0	0	0	0	0	0	0	–	–	0	–	–	–	
Bala	163	14.3	7.0	10.7	–	17.6	23	-2.6	4	12.9	12.1	99	150	18	27	26	17	0	0	1	0	0	0	2	5	2	0	4.13	–	–	
Betws-y-Coed	20	16.6	8.3	12.5	–	19.9	28	-0.4	5	14.2	12.3	101	–	17	8	24	20	0	0	0	1	0	0	1	7	0	0	–	–	–	
Botwnnog	34	15.0	7.5	11.3	–	17.9	23	0.5	5	(14.8)	(13.5)	(71)	–	19	24	22	17	0	0	0	0	–	0	3	3	–	1	–	–	–	
Dinorwic	296	13.4	7.7	10.5	–	17.3	30	3.0	4	–	–	136	–	25	18	26	20	0	0	1	0	0	4	0	3	–	3	–	–	–	
Llanymawddwy	145	14.4	7.7	11.1	–	17.8	28	-1.2	4	–	–	206	–	35	8	25	23	0	0	0	0	0	0	2	5	–	0	–	–	–	
Nantmor	58	15.3	8.5	11.9	–	19.2	23	2.6	5	–	–	154	–	26	24	26	21	0	–	0	0	0	0	0	–	–	0	–	–	–	
Pen-y-Ffridd	84	15.3	8.2	11.7	-2.0	18.6	30	2.5	4, 8	–	–	61	90	10	18	23	18	0	0	0	0	0	0	0	1	–	0	4.04	61	S	
Trawsfynydd (A)	193	14.2	6.9	10.5	–	17.9	23,28	0.9	4	–	–	130	–	18	8	25	23	0	0	0	0	0	0	0	4	0	0	–	–	–	
Valley (A)	10	15.1	9.1	12.1	-1.5	17.2	27	2.9	5	14.0	–	49	92	8	8	19	14	0	0	0	0	0	0	0	0	0	0	5.89	81	–	
Clwyd																															
Alwen	335	12.7	5.9	9.3	-2.0	15.8	23	-2.4	5	–	–	96	137	11	8	24	22	–	0	–	–	–	0	2	5	–	–	–	–	–	
Colwyn Bay	36	15.2	8.8	12.0	–	19.1	25	2.6	5	13.4	–	72	–	20	18	19	14	0	0	0	0	0	0	0	–	–	0	5.35	–	–	
Cynwyd	208	14.5	7.1	10.8	–	19.4	23	-0.6	5	–	–	78	–	14	12	25	21	0	0	0	2	0	0	1	6	–	0	–	–	–	
Hawarden Bridge	5	16.7	8.8	12.7	-1.8	22.3	30	0.1	5	–	–	57	103	12	3	23	15	0	0	0	0	1	0	0	–	–	0	–	–	–	
Llanarmon Dyffryn Ceiriog	267	13.9	6.5	10.2	–	18.1	25	-1.8	5	–	–	90	–	15	8	23	19	0	0	1	0	0	0	1	–	–	0	–	–	–	
Loggerheads	210	14.6	6.7	10.7	-1.9	18.4	30	-2.1	5	12.2	11.3	59	91	12	18	25	19	0	0	0	0	0	0	1	6	–	0	4.89	–	S	
Moel-y-Crio	263	14.1	7.3	10.7	–	17.8	30	2.4	5	12.6	–	76	–	13	18	23	19	0	0	1	0	1	0	0	4	–	0	4.91	–	–	
Prestatyn	4	15.6	9.9	12.7	-1.4	19.9	30	4.5	5	–	–	49	98	10	24	18	12	0	0	0	0	0	0	0	–	–	0	–	–	–	
Ruthin	76	16.0	7.3	11.7	(-1.7)	20.0	30	-0.3	5	–	–	47	96	6	25	23	19	–	0	–	–	–	0	1	–	–	–	4.49	–	S	
Powys (North)																															
Lake Vyrnwy	360	14.2	(6.5)	10.3	–	17.7	29	-1.6	4	–	–	181	–	41	9	26	22	0	0	0	1	0	–	1	–	–	0	–	–	–	
Llanfair Caereinion	236	14.8	7.8	11.3	–	19.7	29	0.8	5	12.8	–	138	–	46	27	25	19	0	0	0	0	0	0	0	2	–	0	–	–	–	
Machynlleth	76	15.5	7.8	11.7	–	19.0	28	-0.8	4	–	–	147	–	27	24	23	21	0	0	0	0	0	–	1	2	–	0	–	–	–	
Moel Cynnedd	358	13.2	5.9	9.5	–	17.1	30	-2.5	5	10.8	–	171	–	27	9	23	19	0	0	0	0	0	–	3	9	–	0	–	–	–	
Newtown	120	16.1	–	–	–	20.3	29	–	–	–	–	61	–	9	24	24	14	0	0	0	0	0	–	–	3	–	0	–	–	–	
8A WALES S																															
Dyfed																															
Aberporth (A)	134	14.3	9.0	11.7	-1.4	19.9	30	4.5	4	13.5	–	43	–	9	24	21	12	0	0	0	0	0	2	0	2	0	0	5.59	79	–	
Brawdy (A)	111	14.1	8.7	11.4	–	16.6	20	3.4	4	–	–	88	128	22	24	20	16	0	0	0	0	0	2	0	4	0	0	5.97	–	–	
Carmarthen Museum	9	16.5	8.1	12.3	–	20.2	28	-1.1	4	–	–	104	–	29	24	21	15	0	0	0	0	0	–	1	3	–	0	–	–	–	
Cwmystwyth	301	(13.1)	(7.0)	10.1	–	18.5	30	-1.3	4	–	–	(127)	–	24	18	21	18	–	0	–	–	–	–	2	4	–	–	(3.63)	–	S	
Dale Fort	33	15.2	9.8	12.5	-1.4	18.3	20	5.0	4	13.9	–	90	180	19	24	20	16	0	0	0	0	0	2	0	1	–	0	6.65	85	–	
Gogerddan	31	15.2	8.8	12.0	-1.6	18.5	30	1.0	4	14.0	–	84	–	17	24	23	15	0	0	0	0	0	0	0	4	–	0	4.99	79	–	
Milford Haven (A)	37	14.8	9.8	12.3	(-1.5)	17.6	28	5.1	4	–	–	89	–	21	24	20	15	0	0	0	0	0	1	0	0	0	0	–	–	–	
Orielton	61	15.0	9.4	12.2	–	18.3	28	2.7	4	13.7	–	108	–	21	24	22	17	0	0	0	0	0	2	0	1	–	0	–	–	–	
Rhandirmwyn	168	14.4	6.9	10.7	–	18.6	30	-1.6	4	–	–	140	–	27	8	25	19	0	0	0	0	0	–	2	–	–	0	–	–	–	
Saron	152	14.9	8.1	11.5	–	17.8	30	0.9	4	–	–	101	–	20	8	25	17	0	0	0	0	0	0	0	5	–	1	–	–	–	
Scolton Country Park	77	15.4	8.0	11.7	–	18.0	28	-0.3	4	–	–	93	–	25	24	19	17	0	0	0	0	0	1	1	6	–	0	–	–	–	
Skokholm Island	34	14.1	10.0	12.1	–	16.0	27	5.4	4	–	–	73	–	17	24	17	12	0	0	0	0	0	1	0	1	–	3	–	–	–	
St Clears	40	16.1	(8.1)	12.1	–	19.5	30	-0.6	4	–	–	127	–	27	24	24	18	0	0	0	0	1	–	1	–	–	0	–	–	–	
Swyddffynnon	168	14.1	7.4	10.7	–	17.9	29,30	-1.3	4	–	–	98	–	17	24	24	19	0	0	0	0	0	0	1	4	–	0	3.73	–	–	
Talgareg	198	14.6	6.6	10.6	–	18.8	30	-2.0	4	–	–	101	–	17	24	22	20	0	0	0	0	0	0	2	2	–	0	–	–	–	
Tenby	5	15.4	9.1	12.3	–	18.9	28	1.2	4	–	–	115	–	20	24	22	20	0	0	0	0	0	0	0	–	–	0	5.41	–	–	
Towy Castle	88	14.9	8.9	11.9	–	18.1	28	1.9	4	13.1	12.3	115	–	27	24	23	18	0	0	0	0	0	1	0	3	0	0	4.90	–	–	
Whitechurch	129	15.2	8.0	11.6	–	18.4	30	-0.6	4	14.7	12.7	98	–	23	8	22	16	0	0	0	0	0	0	1	6	–	0	–	–	–	
Powys (South)																															
Bronydd Mawr	330	13.5	6.2	9.9	–	17.6	28	-0.6	4	–	–	106	–	15	24	26	22	0	0	0	1	0	0	1	5	–	0	3.31	–	–	
Llangenny	122	15.6	(8.1)	11.9	–	20.1	28,30	1.4	4	–	–	82	–	15	24	20	14	0	0	0	0	0	–	0	–	–	0	–	–	–	
Llangunllo	310	(13.8)	(6.4)	10.1	–	19.1	28	0.3	4	11.1	–	(93)	–	(12)	24	25	18	0	0	0	0	0	–	0	5	–	0	–	–	–	
Llysdinam	200	15.4	7.2	11.3	–	20.0	28	-0.7	4	14.1	–	102	–	17	9	22	15	0	0	0	1	0	0	2	3	–	0	–	–	–	
Pencelli	160	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S	
Presteigne	175	15.6	6.3	10.9	–	20.4	30	-2.4	5	–	–	76	–	13	24	22	14	0	0	0	0	0	0	3	4	–	0	3.84	–	S	
St Harmon	279	–	–	–	–	–	–	–	–	–	–	102	–	16	24	24	20	–	–	–	–	–	–	–	–	–	–	–	–	–	
Velindre	152	15.7	7.5	11.6	–	20.3	28	-1.6	4	13.5	12.4	72	–	14	24	23	16	0	0	0	1	0	0	1	6	–	0	–	–	–	
West Glamorgan																															
Mumbles Head	35	15.1	10.4	12.7	(-1.4)	19.0	28	5.9	4	–	–	–	–	–	–	–	–	0	0	0	0	0	0	0	0	0	0	–	–	–	
Neath	62	16.0	9.2	12.6	-2.1	20.0	28	2.3	4	–	–	115	144	27	24	20	16	0	0	0	0	0	0	0	1	–	0	–	–	–	
Penmaen	87	15.3	9.5	12.4	–	19.6	28	4.2	4	14.2	13.6	105	–	25	24	21	15	0	0	0	0	1	0	1	1	0	0	4.79	–	–	
Swansea	10	16.4	10.0	13.2	-1.8	20.0	28	4.6	4	16.1	15.1	102	144	24	24	21	17	0	0	0	0	0	0	0	0	0	0	4.50	–	–	
Mid Glamorgan																															
Cilfynydd (A)	194	14.9	7.8	11.3	–	20.5	28	1.6	4	–	–	177	–	25	11	22	17	0	0	0	0	0	0	0	1	0	0	–	–	–	
Cwmbargoed	372	13.3	7.0	10.1	–	18.6	28	0.7	4	–	–	127	–	25	24	22	17	0	0	–	–	–	–	0	7	–	–	–	–	–	
Porthcawl	6	15.8	9.4	12.6	–	20.0	28	2.3	4	–	–	118	204	17	23	19	16	–	–	–	–	–	–	0	–	–	–	–	–	–	

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max (A)	Min (B)	Daily mean (mean of A+B)	Difference from 1951-80 average*	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
8A WALES S - Continued																												
South Glamorgan																												
Cardiff																												
Bute Park	9	16.4	9.4	12.9	–	20.2	30	2.3	4	15.0	13.8	126	–	24	23	20	18	–	0	–	–	–	0	0	4	–	–	5.07	–	S
Weather Centre (X)	58	16.2	10.1	13.1	–	20.3	28	4.8	4	–	–	110	–	24	23	19	16	0	–	0	0	0	0	0	–	–	0	–	–	–
Flat Holm	15	15.3	10.4	12.9	–	17.5	20	6.0	2	–	–	97	–	21	23	18	14	0	0	0	0	0	0	0	0	–	2	–	–	–
Rhoose Airport (A)	65	15.8	9.0	12.4	-1.7	19.7	30	1.9	4	–	–	134	–	28	23	21	14	0	0	0	0	1	0	0	3	1	0	5.48	77	–
Gwent																												
Crossway	140	16.2	7.0	11.6	–	22.0	28	0.0	4	–	–	82	–	14	24	17	15	0	0	0	0	0	0	0	–	–	0	–	–	–
Llanishan	180	–	–	–	–	–	–	–	–	–	–	107	–	17	26	24	21	–	–	–	–	–	–	–	–	–	–	–	–	–
Tredegar, Bryn Bach Park	380	13.8	6.4	10.1	–	19.0	28	0.7	4	–	–	149	–	28	24	21	18	0	0	0	0	0	–	0	5	–	0	–	–	–
Usk	21	16.6	8.4	12.5	–	20.8	30	-0.2	4	14.6	–	106	–	16	23	19	15	–	0	–	–	–	0	1	6	–	–	–	–	–
8B ENGLAND SW																												
Avon																												
Bristol																												
Weather Centre (A) (X)	42	16.1	10.2	13.1	–	20.4	28	4.7	4	–	–	118	–	21	9	22	17	0	–	1	0	1	0	0	–	0	0	4.92	–	–
Long Ashton	51	15.3	9.2	12.3	-2.3	19.2	30	1.1	4	–	–	148	239	25	23	22	19	0	0	0	0	–	0	2	2	–	0	–	–	–
Weston Super Mare	5	16.6	9.3	12.9	–	20.0	30	1.9	2	–	–	103	–	21	23	20	16	0	0	0	0	0	–	0	–	–	0	(3.87)	–	S
Somerset																												
Brymore	23	17.1	8.9	13.0	–	21.2	30	1.8	2	14.5	–	82	–	16	23	18	13	0	0	0	0	0	0	0	2	0	0	5.68	–	S
Castle Cary	135	15.6	8.3	11.9	–	19.0	28	1.9	4	–	–	127	–	27	23	21	18	0	0	0	0	0	1	0	2	–	0	–	–	–
Downside Abbey	183	15.3	8.1	11.7	–	19.0	28,29, 30	2.2	2, 4	–	–	119	–	26	23	21	16	–	–	–	–	–	–	0	–	–	–	–	–	–
Minehead	10	16.5	10.1	13.3	–	21.4	30	2.7	2	14.7	13.5	70	–	11	23	17	14	0	0	0	0	1	0	0	1	0	0	5.87	–	–
Nettlecombe	96	16.0	8.0	12.0	–	20.6	30	0.8	2	15.1	–	88	–	16	23	17	15	0	0	0	0	0	0	0	3	–	0	–	–	–
Nettlecombe (Birds Hill)	280	14.1	8.2	11.1	–	18.5	30	4.1	2	12.7	–	105	–	19	23	18	15	0	0	0	0	0	0	0	0	–	1	–	–	–
Rodney Stoke	40	16.2	8.6	12.4	–	19.8	30	1.2	4	14.7	13.2	105	–	23	26	24	15	0	0	0	0	0	0	0	2	–	0	–	–	–
Tivington	82	16.0	9.0	12.5	–	20.2	30	2.2	2	13.9	12.9	68	–	13	23	19	14	0	0	0	0	1	0	0	1	0	0	–	–	–
Yeovilton (A)	18	16.4	8.7	12.5	(-2.0)	20.5	30	0.0	4	14.8	–	98	–	24	23	21	16	0	0	0	0	0	0	0	–	–	0	3.99	–	–
Dorset																												
Bournemouth																												
Hurn Airport (A)	10	16.5	8.9	12.7	-1.7	20.5	28	0.9	4	14.3	–	111	206	33	23	21	18	0	0	0	0	1	0	0	4	1	0	5.39	–	–
Kings Park	27	16.2	9.6	12.9	–	19.6	28	3.0	4	15.5	14.5	109	–	25	23	21	19	0	0	2	0	1	0	0	1	0	0	5.61	–	–
Christchurch	4	(16.1)	–	–	–	19.5	29	–	–	–	–	101	191	27	23	19	15	–	0	–	–	–	0	–	1	–	–	–	–	–
Fontmell Magna	95	16.4	8.3	12.3	–	21.2	28	-0.5	4	–	–	91	–	24	23	24	17	0	0	0	0	1	0	1	–	–	3	–	–	–
Lower Kingcombe	122	15.2	(8.1)	11.7	–	18.9	28	-1.5	4	–	–	144	–	45	23	20	15	0	0	0	0	0	2	1	4	–	0	–	–	–
Poole	5	16.9	10.1	13.5	(-1.2)	20.8	28	2.9	4	–	–	111	–	27	23	20	17	0	0	0	0	1	0	0	1	–	0	5.57	(74)	–
Portland Bill (Coastguard) (A)	53	14.2	10.2	12.2	–	17.3	20	5.8	4	–	–	84	–	16	23	16	14	0	0	0	0	0	2	0	0	0	0	5.99	–	–
Swanage	11	15.7	10.1	12.9	-1.5	19.2	28	3.4	4	–	13.8	116	241	25	23	20	15	0	0	0	0	1	0	0	0	–	0	5.50	69	–
Weymouth	21	15.8	9.8	12.8	–	18.6	28	2.4	4	–	–	94	–	18	23	18	15	0	0	0	0	1	1	0	–	–	0	5.69	–	–
Winfrith	26	15.9	9.4	12.7	(-1.5)	19.8	28	1.0	4	–	–	120	–	25	23	19	15	0	0	0	0	0	0	0	2	1	0	–	–	–
Devon																												
Burrington	199	14.8	8.2	11.5	–	18.8	30	3.3	4	–	–	102	–	25	23	19	15	–	–	–	–	–	–	0	1	–	–	–	–	–
Chivenor	6	16.5	9.6	13.1	-1.5	21.1	20	1.6	4	–	–	108	–	29	22	18	12	–	–	–	–	–	–	0	–	–	–	–	–	–
Dunkeswell	251	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exeter Airport (A)	32	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exmouth	78	16.0	9.6	12.8	–	21.3	30	4.6	4	–	–	86	–	29	23	19	16	0	0	0	0	1	0	0	–	–	0	4.99	–	–
Gawlish	122	14.3	9.8	12.1	–	16.3	21	5.0	4	–	–	103	–	19	23	21	14	0	–	0	0	1	2	0	0	–	0	5.24	–	–
Hemyock	165	15.5	8.3	11.9	–	19.4	30	0.9	4	–	–	107	–	28	23	22	14	–	0	–	–	–	0	0	–	–	–	4.66	–	–
Ilfracombe	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lundy	43	14.0	10.4	12.2	–	16.8	20	7.8	4	–	–	61	–	18	23	17	10	0	0	–	–	–	–	0	–	–	–	–	–	–
Melbury	143	14.9	8.9	11.9	–	18.3	30	1.7	2	–	–	130	176	27	22	18	15	0	0	0	0	–	0	0	–	–	0	4.60	–	–
North Wyke	177	15.4	8.6	12.0	–	19.8	30	2.8	2	–	–	71	–	14	23	21	15	0	0	0	0	0	0	0	2	–	0	4.30	–	–
Plymouth Mount Batten (A)	27	15.2	10.2	12.7	-1.6	18.9	28	4.9	2	–	–	120	215	25	23	20	16	0	0	0	0	0	0	0	0	–	0	5.72	77	–
Princetown	423	12.4	7.3	9.9	–	15.5	21	3.4	3	–	–	225	196	46	23	23	20	0	0	0	0	0	7	0	1	–	0	–	–	–
Rumleigh	23	16.6	9.0	12.8	–	20.7	30	1.3	2	14.5	13.4	145	–	37	23	19	18	0	0	0	0	1	0	0	3	–	0	–	–	–
Saunton Sands	15	–	–	–	–	–	–	–	–	–	–	99	–	27	23	19	12	–	–	–	–	–	–	–	1	–	–	–	–	S
Sidmouth	10	15.9	9.8	12.9	–	19.5	28	4.0	4	–	–	89	182	29	23	22	17	0	0	0	0	0	0	0	–	–	0	–	–	–
Slapton	32	16.5	9.4	12.9	(-1.4)	20.5	28	4.0	2	–	–	131	218	24	11	18	17	0	0	0	0	0	1	0	–	–	0	(5.15)	–	–
Teignmouth	3	16.3	10.3	13.3	-1.6	20.9	30	4.5	2	–	–	94	209	43	23	20	13	0	0	0	0	0	0	0	–	–	0	5.52	74	–
Torbay (Torquay)	8	16.5	9.6	13.1	-1.8	20.6	29	5.5	19	–	14.4	110	225	37	23	18	18	–	0	–	–	–	0	0	0	–	–	(5.13)	65	–
Twist	186	15.7	8.3	12.0	–	20.3	30	3.2	4	–	–	123	–	29	23	20	18	0	0	0	0	0	1	0	–	–	0	5.35	–	–
Yarner Wood	198	(16.0)	8.6	12.3	–	21.5	30	4.0	4	13.7	–	143	–	34	23	21	18	0	0	0	0	0	2	0	–	–	0	5.68	–	–
Cornwall																												
Bastreet	236	14.3	8.3	11.3	–	19.0	30	-1.2	2	–	–	170	183	28	23	23	21	0	0	0	0	0	0	1	1	–	0	4.28	–	S
Bude	15	15.3	10.3	12.8	-1.1	18.1	21	3.2	4	15.3	–	87	170	19	23	19	15	0	0	0	0	0	0	0	–	–	0	5.26	80	–
Camborne (A)	87	14.7	10.2	12.5	–	18.4	30	6.0	2	13.7	13.1	113	–	25	22	23	15	0	0	0	0	0	1	0	0	0	0	5.26	–	–
Culdrose (A)	80	14.8	9.8	12.3	-1.3	17.0	28	4.4	2	–	–	126	224	28	22	20	17	0	0	0	0	0	2	0	–	0	3	–	–	–
Falmouth	51	15.5	10.4	12.9	-1.2	18.4	30	6.0	2	–	–	154	260	32	23	20	18	0	0	0	0	0	0	0	0	–	0	5.00	70	–
Gwennap Head	66	13.5	10.4	11.9	–	16.0	7	6.6	2	–	–	79	–	35	22	20	13	0	0	0	0	0	3	0	0	0	0	–	–	–
Lizard	73	14.7	9.8	12.3	(-1.6)	16.9	28	5.3	3	–	–	96	196	17	22	18	15	–	–	–	–	–	–	0	–	–	–	5.61	(75)	–
Lizard Lighthouse	60	14.6	10.0	12.3	–	17.2	28	6.6	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Newquay	30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Penzance	19	16.3	10.4	13.3	-1.2	18.7	30	4.0	2	–	–	132	231	43	22	23	17	0	0	0	0	0	0	0	–	–	0	5.43	75	–
Scilly (St Mary's)	51	15.3	10.8	13.1	-1.2	17.5	28	7.7	2	–	–	85	–	20	22	23	17	0	0	0	0	0	4	0	0	0	0	5.47	75	–
St Ives	10	15.0	10.9	12.9	–	18.0	30	8.0	2, 3	–	–	120	–	30	23	22	16	0	0	0	0	0	1	0	–	–	0	5.60	–	–
St Mawgan (A)	103	15.1	10.0	12.5	-1.3	18.5	30	4.9	2	–	–	113	201	24	22	21	16	0	0	0	0	0	1	0	1	0	0	5.57	77	–
Tregastic	110	15.7	9.2	12.5	–	19.4	30	3.7	2	–	–	153	–	39	23	23	20	0	0	0	0	0	1	0	1	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine			
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation															
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
CHANNEL ISLANDS																														
Guernsey																														
Airport (A)	101	14.6	10.2	12.4	-1.5	17.0	22	7.0	2	14.3	13.3	84	186	19	6	21	14	0	0	0	0	0	2	0	0	0	0	5.30	65	-
L'Ancresse	5	16.3	9.9	13.1	—	19.7	22	7.0	2	—	—	68	—	18	6	14	11	0	0	0	0	0	—	0	—	—	0	5.89	—	-
Jersey																														
Airport (A)	84	15.6	10.7	13.1	-1.3	19.8	25	6.5	5	15.2	14.7	91	222	16	6	19	15	0	—	0	0	0	0	0	0	0	0	5.47	67	-
Gorey Castle	79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.09	—	-
St Helier	54	16.7	10.9	13.8	—	20.4	30	7.3	2	—	—	83	196	13	19	19	13	0	0	0	0	0	1	0	0	—	0	5.60	—	-
Trinity States Farm	107	15.8	10.1	12.9	—	19.7	30	6.4	5	15.1	—	105	—	19	6	18	15	0	0	0	0	0	1	0	1	—	0	—	—	-
NORTHERN IRELAND																														
Londonderry																														
Banagher (Caugh Hill)	216	13.9	6.9	10.4	—	18.0	24	2.0	4, 5	—	—	125	—	15	9	25	20	0	0	0	0	0	0	0	2	—	0	3.79	—	-
Carmoney	73	14.5	8.1	11.3	—	18.5	24	3.0	5	—	—	127	—	27	30	23	19	0	0	0	0	0	0	0	3	0	0	4.34	—	-
Castledawson Hillhead	30	16.3	6.9	11.6	—	19.8	24	-1.1	5	—	—	100	—	19	14	20	16	0	0	1	0	1	—	1	2	—	0	—	—	-
Coleraine University (A)	23	14.4	7.4	10.9	—	19.4	24	-1.5	5	12.8	11.0	101	—	16	9	23	16	0	0	0	2	0	1	7	—	0	5.10	—	-
Lough Fea W.Wks.	225	13.9	7.1	10.5	—	18.3	26	1.0	5	—	—	115	—	21	8	21	17	0	0	0	0	0	—	0	4	—	0	—	—	-
Moydamlaght	178	13.9	7.2	10.5	—	17.5	30	1.5	5	—	—	141	—	16	8	25	24	0	0	0	0	0	0	0	2	—	0	—	—	-
Moyola Waterworks	17	—	7.1	—	—	—	—	0.0	5	—	—	98	—	16	22	23	16	0	0	0	0	0	0	0	5	—	0	—	—	-
Antrim																														
Altnahinch	213	13.3	6.3	9.8	—	17.9	24	0.1	5	—	—	126	—	17	12	21	18	0	0	0	0	1	0	0	—	—	0	4.46	—	-
Belfast																														
Aldergrove Airport (A)	68	15.5	7.9	11.7	-1.5	19.1	25	2.1	4	13.2	10.9	76	119	13	26	22	18	0	0	0	1	3	0	0	4	0	0	4.27	72	-
Newforge	40	15.6	8.0	11.8	—	19.5	25	1.3	5	—	—	68	—	10	26	22	16	0	0	0	0	0	—	0	—	—	0	3.12	—	-
Oldparkfilters	58	15.3	8.1	11.7	—	19.0	11,25	2.5	5	—	—	90	126	17	22	22	16	0	0	0	0	0	0	0	1	—	0	—	—	-
Carnlough	12	15.9	6.7	11.3	—	20.2	25	-0.7	5	—	—	92	—	19	12	20	13	0	0	0	0	2	1	1	—	—	0	—	—	-
Dungonnell Filters	271	13.5	5.4	9.5	—	17.0	25	-1.0	5	—	—	131	—	23	13	22	17	0	0	0	0	0	0	2	4	—	0	—	—	-
Garron Tower	62	14.4	7.7	11.1	—	18.2	30	1.8	5	—	—	82	—	10	13	19	13	—	0	—	—	—	2	0	—	—	—	—	—	-
Greenmount	38	15.7	7.8	11.7	(-1.4)	18.4	6	0.7	5	14.3	—	79	—	15	14	23	18	0	0	0	2	—	0	0	5	—	0	—	—	-
Jordanstown Rostulla	10	16.0	8.2	12.1	—	19.1	25	1.6	5	—	—	77	—	8	22,26	21	18	0	0	0	0	0	0	0	3	—	0	—	—	-
Larne Harbour	43	15.3	8.6	11.9	—	19.8	30	2.9	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	—	-
Lowtown	213	14.9	4.9	9.9	—	17.5	30	-2.4	5	12.0	—	123	—	15	12	21	19	0	0	0	0	0	1	5	5	—	0	—	—	-
Movanagher Fish Farm	10	15.2	7.3	11.3	—	19.0	24	0.5	5	—	—	87	—	17	9	22	18	0	0	0	0	—	0	1	1	—	0	—	—	-
Parkmore Forest	235	13.9	5.2	9.5	—	17.4	25	-1.6	5	11.0	—	155	148	28	12	21	18	0	0	0	0	1	3	10	—	0	0	—	—	-
Woodburn North	217	14.2	6.1	10.1	—	17.5	27	0.0	5	—	—	111	139	21	22	20	20	0	0	0	0	0	2	0	4	—	0	—	—	-
Down																														
Ballykine Rockvale	125	15.2	7.5	11.3	—	19.2	27	1.4	4	—	—	75	—	12	8	22	20	0	0	0	0	0	0	0	2	—	0	—	—	-
Ballywatticock	6	15.1	7.8	11.5	—	19.7	25	0.1	5	13.3	12.3	57	114	13	9	23	16	0	0	0	0	1	0	0	3	0	0	4.21	—	-
Belfast																														
Ravenhill Road	10	16.1	8.7	12.4	—	20.0	25	2.4	5	—	—	61	—	9	26	23	15	0	0	0	0	1	—	0	—	—	0	—	—	-
Stormont Castle	56	15.2	8.3	11.7	-1.4	18.6	25	3.2	5	13.5	12.5	51	84	6	9,30	21	15	0	0	0	0	0	1	0	0	—	0	3.38	(57)	-
Bryansford	85	15.8	8.3	12.1	—	20.0	30	2.2	5	13.9	12.5	90	—	31	8	22	15	0	0	0	1	0	0	0	1	0	0	4.04	—	-
Downpatrick, Killavees	58	15.5	7.5	11.5	—	19.4	25	2.0	4	—	—	47	—	8	8	20	17	0	0	0	1	1	0	0	1	—	0	—	—	-
Helens Bay	43	16.1	7.9	12.0	(-1.4)	20.9	25	2.1	5	13.9	11.6	65	117	8	8,14	24	16	0	0	0	0	0	—	0	1	—	0	—	—	-
Hillsborough	116	14.8	8.8	11.8	-0.8	19.4	29	2.5	4	12.4	11.1	62	99	7	22	21	19	0	0	0	0	0	0	0	4	—	0	4.84	81	-
Killough	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Long Kesh (A)	36	15.7	7.6	11.7	—	19.2	11	0.1	4	13.3	12.2	67	—	15	22	20	19	0	0	0	1	0	0	0	5	0	0	4.35	—	-
Lough Cowey	10	15.2	7.7	11.5	—	18.8	24	3.2	20	—	—	44	80	10	8	22	12	0	0	0	0	—	0	0	0	—	0	—	—	-
Magherally	97	15.5	6.6	11.1	—	18.7	30	-1.3	4	13.1	11.5	58	—	12	22	23	18	0	0	0	0	0	3	6	1	0	—	—	—	-
Murlough	12	15.8	7.7	11.7	—	19.2	25	0.3	5	—	—	48	—	13	8	18	12	0	0	0	0	—	0	6	—	0	4.30	—	S
Newry, Carnbane	8	—	7.7	—	—	—	—	-1.1	5	—	—	56	—	10	8	18	16	0	0	0	0	0	1	3	—	0	4.35	—	-
Saintfield Rowallane	95	15.4	6.1	10.7	—	18.5	27,30	-0.7	5	12.3	—	70	—	9	8	21	17	0	0	0	0	—	1	3	—	0	—	—	—	-
Silent Valley	129	14.3	7.9	11.1	—	18.0	11	3.1	5	—	—	82	98	18	11	20	15	0	0	0	1	1	0	0	5	—	0	4.95	—	-
Trassey Slievenaman	215	15.4	6.4	10.9	—	20.0	30	0.2	5	—	—	101	—	32	8	23	18	0	0	0	3	0	0	0	4	—	0	—	—	-
Armagh																														
Annaghmore	27	16.1	7.1	11.6	—	19.0	11,24, 30	-0.6	5	14.0	12.3	67	—	10	22	22	16	0	0	0	0	2	0	1	4	0	0	—	—	-
Armagh	62	15.7	8.0	11.9	-1.6	19.0	11	1.5	5	13.8	12.8	57	90	15	14	20	15	0	0	0	0	1	0	0	4	—	1	3.81	71	-
Castor Bay	17	15.8	7.5	11.7	—	19.0	24,30	2.6	4, 5	—	—	49	—	7	9	23	18	0	0	0	0	0	1	0	0	—	0	—	—	-
Loughgall	25	15.6	7.4	11.5	-1.5	19.3	30	-0.1	5	—	—	61	103	9	14	22	17	0	0	0	0	1	0	1	4	—	0	—	—	-
Tandragee, Ballylisk	43	16.5	6.9	11.7	—	20.0	30	1.4	8	—	—	54	—	7	26	21	19	0	0	0	0	0	0	0	5	—	0	—	—	-
Tyrone																														
Baron's Court	132	14.1	7.5	10.8	—	17.7	27	1.0	5	—	—	112	—	15	30	24	17	0	0	0	0	0	0	0	3	—	0	3.80	—	-
Carrigans (A)	113	15.3	7.1	11.2	(-1.6)	19.2	24	0.2	4	—	—	110	—	11	15	23	19	0	0	0	0	0	0	0	5	0	0	3.95	—	-
Cookstown	77	15.5	6.7	11.1	—	18.4	26	0.8	8	—	—	86	131	15	8	19	17	0	0	0	0	0	—	0	2	—	0	—	—	-
Edenfel	88	15.2	6.7	10.9	—	19.2	24	0.2	8	—	—	88	119	12	8	26	18	0	0	1	0	1	0	0	4	—	1	—	—	-
Fivemiletown	119	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Lough Bradan W.Wks.	180	13.7	6.3	10.0	-1.9	16.6	24	0.7	8	—	—	115	110	13	29	26	22	0	0	0	0	0	0	0	—	—	0	—	—	-
Strabane Glen Road	60	15.4	7.7	11.5	—	19.5	24,27	1.8	8	—	—	84	—	14	15	25	20	0	0	0	0	—	0	1	—	—	0	—	—	-
Fermanagh																														
Castle Archdale Forest (A)	66	15.0	7.4	11.2	(-1.5)	18.1	20	0.2	4	13.8	12.5	114	—	11	30	25	18	0	0	0	1	0	0	6	—	0	3.89	(75)	-
Corgary	145	14.7	7.7	11.2	—	18.2	1	4.2	4	—	—	126	—	15	12	22	20	0	0	—	—	—	0	0	0	—	4.06	—	-
Knockarevan	53	15.5	7.1	11.3	—	19.6	20	-0.6	4	—	—	116	—	14	8	24	20	—	0	—	—	—	1	2	0	—	—	—	—	-
Lisnaskea	49	15.5	7.7	11.6	—	18.6	7	1.4	3	—	—	96	—	15	8	23	21	0	0	0	0	—	0	4	—	0	—	—	—	-
Lough Navar Forest	126	14.9	5.6	10.3	(-2.0)	18.6	20	-2.4	4	—	—	130	127	17	8	25	20	0	0	0	1	0	4	8	—	0	—	—	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Beaufort force: 6-7	Beaufort force: 4-5	Beaufort force: 1-3	Beaufort force: Calm	Speed (kn): 34 or more	Speed (kn): 22-33	Speed (kn): 11-21	Speed (kn): 1-10	Speed (kn): 0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																	
0 SCOTLAND N																																										
Shetland																																										
Fair Isle	61	9	1008.0	–	9.1	1.1	9.9	85	6.1	0	4	3	16	7	0	0	0	0	0	2	0	1	4	8	15	0	1	10	19	0	5	3	4	5	0	0	6	7
		15	1008.3	–	9.9	1.2	10.4	85	6.3	0	2	4	18	6	0	0	0	1	0	0	0	4	3	9	13	0	0	12	18	0	4	4	3	3	1	2	5	8
		21	1008.3	–	8.5	–	–	–	6.5	0	1	5	16	8	0	0	0	0	0	1	0	4	4	14	7	0	0	12	18	0	4	2	5	3	0	1	6	9
Lerwick	83	3	1007.6	–	6.8	0.5	9.2	92	6.2	0	3	6	10	11	0	0	0	1	1	1	1	3	3	8	12	0	0	9	19	2	9	2	3	3	0	0	5	6
		9	1007.6	-5.7	8.8	1.2	9.6	84	6.8	0	0	6	14	10	0	0	0	0	0	0	4	1	2	10	13	0	1	14	15	0	5	4	7	3	0	0	5	6
		15	1007.8	–	9.6	1.5	9.7	81	6.4	0	2	4	13	11	0	0	0	1	0	0	1	0	5	11	12	0	1	15	14	0	5	2	5	6	0	0	6	6
		21	1007.8	–	7.9	0.8	9.6	89	6.1	0	4	4	14	7	1	0	1	0	0	0	3	2	2	9	13	0	0	8	20	2	6	0	4	4	1	1	3	9
Muckle Flugga	54	3	1008.0	–	7.9	0.8	9.5	88	7.0	0	0	6	6	17	1	1	0	0	0	0	0	1	7	18	3	0	0	14	15	1	11	2	4	3	1	0	5	3
		9	1008.0	–	9.6	1.5	9.7	81	6.1	0	1	9	12	8	0	0	0	0	0	0	0	1	6	16	7	0	1	16	12	1	5	3	7	1	0	2	6	5
		15	1008.2	–	9.9	1.4	10.1	82	6.6	0	0	8	10	12	0	0	0	0	0	2	0	3	3	15	7	0	1	12	17	0	4	1	5	4	1	1	9	5
		21	1008.1	–	8.4	1.0	9.5	86	6.1	0	1	10	8	10	1	1	0	0	0	0	0	3	4	12	10	0	0	10	18	2	5	1	5	2	3	1	4	7
Sumburgh	13	3	1007.4	–	7.8	0.9	9.4	87	6.0	0	4	6	11	9	0	0	0	0	0	0	1	4	3	11	11	0	0	11	16	3	10	1	3	5	0	0	3	5
		9	1007.4	–	10.1	1.8	9.6	77	6.3	0	1	7	16	6	0	0	0	0	0	0	0	3	2	12	13	0	1	14	15	0	4	2	6	2	1	0	5	10
		15	1007.6	–	10.8	2.0	9.8	75	5.7	0	2	9	16	3	0	0	0	0	0	1	0	2	4	9	14	0	1	14	15	0	2	2	5	2	3	1	5	10
		21	1007.6	–	9.1	1.2	9.8	84	5.7	0	4	7	13	6	0	0	0	0	0	0	2	1	6	8	13	0	0	16	13	1	6	1	4	5	0	0	3	10
Orkney																																										
Kirkwall	26	3	1008.1	–	7.4	0.5	9.7	93	6.2	0	2	7	12	7	2	0	1	1	0	0	0	4	2	12	10	0	0	10	18	2	4	1	6	2	1	0	9	5
		9	1008.1	-5.7	10.0	1.8	9.5	77	6.2	0	1	7	15	7	0	0	0	0	0	0	0	2	5	8	15	0	1	14	15	0	6	3	6	1	0	3	5	6
		15	1008.3	–	11.1	2.0	10.1	76	6.6	0	0	4	23	3	0	0	0	0	0	0	0	1	6	4	19	0	0	18	12	0	8	3	7	3	1	0	5	3
		21	1008.4	–	8.8	0.9	10.0	87	5.7	0	3	8	15	4	0	0	0	0	1	0	0	3	6	8	12	0	0	10	20	0	4	1	5	5	2	1	5	7
Western Isles																																										
Benbecula	7	3	1008.8	–	8.1	0.6	10.0	91	5.8	0	5	5	12	8	0	0	0	0	1	0	1	2	5	10	11	0	0	8	20	2	8	4	7	3	1	3	1	1
		9	1008.8	-5.1	10.9	1.6	10.5	80	6.6	0	3	1	17	9	0	0	0	0	0	0	1	2	7	8	12	0	0	18	12	0	8	4	3	2	5	3	0	5
		15	1008.9	–	12.1	2.1	10.7	75	6.0	0	4	5	13	8	0	0	0	0	0	0	2	4	13	11	0	0	0	16	14	0	6	1	3	3	2	4	0	11
		21	1008.9	–	10.0	1.2	10.5	84	5.6	0	7	2	15	6	0	0	0	0	0	0	1	0	7	7	15	0	0	12	18	0	11	5	3	3	0	3	3	2
Stornoway	5	3	1008.5	–	7.8	0.7	9.8	91	5.7	0	6	2	15	7	0	0	0	0	0	0	1	2	9	11	7	0	0	2	28	0	6	2	4	3	2	3	3	7
		9	1008.6	-5.3	10.2	1.6	10.1	80	6.1	0	4	2	17	7	0	0	0	0	0	0	2	5	16	7	0	0	0	9	21	0	5	10	3	4	3	0	1	4
		15	1008.6	–	11.3	2.0	10.2	75	5.8	0	3	9	11	7	0	0	0	0	0	0	0	3	8	10	9	0	0	13	17	0	6	9	0	5	2	0	3	5
		21	1008.6	–	9.7	1.3	10.0	82	5.6	0	6	5	13	5	1	0	0	0	0	1	0	0	3	4	11	11	0	0	2	28	0	9	3	3	1	2	0	3	9
Highland																																										
Aviemore	228	3	1008.6	–	6.6	0.5	9.2	92	6.6	0	2	4	14	10	0	0	0	0	0	1	1	1	2	6	11	8	0	0	0	25	5	6	0	0	2	7	3	4	3
		9	1008.1	–	10.5	2.2	9.4	73	6.5	0	0	4	23	3	0	0	0	0	0	0	0	0	6	8	16	0	0	1	28	1	3	6	1	2	8	2	2	5
		15	1007.6	–	12.0	2.6	9.9	70	6.7	0	1	1	27	1	0	0	0	0	0	0	0	1	3	10	16	0	0	4	26	0	9	2	2	2	7	1	3	4
		21	1008.2	–	9.5	1.3	9.9	82	6.7	0	0	4	21	5	0	0	0	0	0	0	0	0	8	6	16	0	0	0	28	2	8	1	1	1	4	2	2	9
Cape Wrath	113	3	1008.2	–	8.1	0.9	9.5	87	6.6	0	0	7	8	14	1	1	0	0	0	0	0	0	5	18	6	0	2	9	17	2	5	3	6	2	0	3	4	5
		9	1008.4	–	8.9	1.2	9.8	84	6.5	0	1	9	5	14	1	1	0	0	0	0	0	0	6	17	6	0	0	13	14	3	6	3	8	0	0	3	5	2
		15	1008.5	–	9.6	1.1	10.3	85	6.3	0	1	9	9	8	3	3	0	0	0	0	0	0	3	17	7	0	1	14	14	1	8	2	10	0	0	0	6	3
		21	1008.3	–	9.0	1.1	9.8	85	6.5	0	0	9	10	10	1	1	0	0	0	0	0	0	6	15	8	0	1	11	15	3	4	5	7	1	1	0	5	4
Dalcross	12	9	1008.1	–	11.1	2.2	9.8	73	6.5	0	1	3	21	5	0	0	0	0	0	0	0	2	6	16	6	0	0	3	27	0	7	6	1	0	0	7	8	1
		15	1007.6	–	13.4	3.3	9.9	64	6.1	0	3	3	22	2	0	0	0	0	0	0	0	1	6	13	10	0	0	0	7	23	0	8	11	1	1	3	0	6	0
		21	1008.0	–	10.6	1.4	10.6	82	6.8	0	0	4	20	6	0	0	0	0	0	0	0	0	6	8	10	6	0	0	5	25	0	6	12	3	1	0	0	8	0
Invergordon Harbour	12	3	1008.6	–	8.9	1.2	9.7	84	7.0	0	0	7	5	18	0	0	0	0	0	0	0	0	3	13	11	3	0	1	1	18	10	5	0	2	0	0	2	6	5
		9	1008.4	–	11.2	2.1	10.1	75	6.8	0	0	4	17	9	0	0	0	0	0	0	0	1	7	10	12	0	0	2	22	6	4	3	4	1	0	1	7	4
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waterstein	81	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wick	37	3	1008.4	–	6.9	0.6	9.3	92	6.4	0	2	4	13	11	0	1	0	0	0	1	1	5	2	15	5	0	0	9	19	2	3	1	4	0	2	1	12	5
		9	1008.4	-5.5	10.0	1.7	9.7	79	6.6	0	0	7	14	9	0	0	0	0	0	0	2	3	3	8	14	0	1	11	18	0	6	3	6	1	0	0	6	8
		15	1008.5	–	11.1	2.2	9.7	73	6.2	0	1	5	20	4	0	0	0	0	0	1	1	1	1	10	16	0	0	16	14	0	6	3	9	3	0	0	5	4
		21	1008.7	–	8.7	1.0	9.9	87	5.4	0	2	3	19	6	0	0	0	0	0	0	3	2	4	12	9	0	0	10	20	0	6	2	5	4	0	1	6	6
1 SCOTLAND E																																										
Grampian																																									
Dyce	69	3	1007.9	–	8.2	0.7	9.9	90	6.6	0	1	4	18	7	0	0	0	0	0	2	0	6	8	8	6	0	0	3	24	3	4	0	1	2	2	1	8	9
		9	1007.9	-6.6	11.2	1.9	10.3	77	6.6	0	2	2	20	6	0	0	0	0	1	0	0	1	4	15	9	0	0	10	20	0	10	3	1	1	5	2	1	7
		15	1008.0	–	11.9	1.9	10.8	77	6.5	0	1	4	22	3	0	0	0	0	1	0	0	4	6	9	10	0	0	0	10	20	0	6	5	6	2	5	0	1	5
		21	1008.1	–	9.6	1.1	10.4	86	6.3	0	1	6	18	5	0	0	0	0	1	1	0	4	4	11	9	0	0	3	27	0	2	3	2	5	6	1	4	7
Glenlivet	212	9	1008.3	–	10.1	2.0	9.5	76	7.1	0	0	0	23	7	0	0	0	0	0	0	0	0	0	2	9	19	0	0	1	29	0	0	0	2	9	1	0	14	4
		15	1007.9	–	11.8	2.7	9.5	68	6.9	0	0	1	25	4	0	0	0	0	0	0	0	1	0	6	23	0	0	1	29	0	1	0	0	8	1	0	14	6
		21	1008.5	–	9.1	1.0	10.1	86	7.2	0	0	3	15	12	0	0	0	0	0	0	0	3	1	9	17	0	0	3	27	0	1	0	3	8	0	0	13	5
Kinloss	6	3	1008.5	–	8.4	0.9	9.9	88	6.6	0	1	3	21	5	0	0	0	0	0	0	1	7	8	9	5	0	0	6	21	3	3	2	5	2	0	8	5	2
		9	1008.5	-5.7	11.2	2.1	10.0	74	6.7	0	1	3	18	8	0	0	0	0	0	0	1	10	9	10	0	0	0	6	24	0	7	2	5	0	0	1	9	6
		15	1008.2	–	13.1	3.0	10.1	66	6.1	0	3	4	20	3	0	0	0	0	0	0	0	2	6	9	13	0	0	0	6	24	0	8	6	6	2	1	0	1	6
		21	1008.5	–	10.3	1.4	10.4	82	6.7	0	0	6	15	9	0	0	0	0	0	0	1	3	11	5	10	0	0	3	26	1	4	5	9	2	1	1	5	2
Peterhead Harbour	15	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1008.1	–	10.9	1.8	10.2	77	6.5	0	0	8	13	8	1	0	0	0	1	0	0	3	8	18	0	0	0	0	8	20	2	13	1	2	1	3	2	5	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fife																																									
Leuchars	12	3	1008.1	–	8.3	0.7	10.1	91	6.0	0	4	5	13	8	0	0	0	0	0	0	0	2	3	8	5	12	0	0	2	24	4	5	1	2	3	1	4	9	1
		9	1008.3	-6.4	12.0	2.5	10.1	71	6.3	0	0	8	18	4	0	0	0	0	0	0	1	0	3	8	18	0	0	6	24	0	4	4	5	0	1	3	8	5
		15	1007.9	–	13.4	2.8	10.8	70	6.2	0	2	6	16	6	0	0	0	0	0	0	0	2	7	10	11	0	0	0	16	14	0	0	2	9	5	4	4	4	2
		21	1008.1	–	10.8	1.4	10.9	83	6.1	0	3	4	18	5	0	0	0	0	0	0	1	1	3	11	14	0	0	3	25	2	2	3	4	5	0	4	7	3

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																				
1 SCOTLAND E - Continued																																											
Lothian																																											
Turnhouse	44	3	1008.4	–	8.2	0.7	9.9	90	5.4	0	5	4	21	0	0	0	0	0	0	1	1	2	5	14	7	0	0	2	21	7	1	3	1	0	0	6	12	0						
		9	1008.5	-6.6	11.9	2.0	10.6	76	6.2	0	1	5	21	3	0	0	0	0	0	1	0	2	5	10	12	0	0	9	21	0	1	5	5	0	1	6	7	5						
		15	1007.9	–	13.9	2.9	11.0	69	6.3	0	2	5	21	2	0	0	0	0	0	0	0	1	6	10	13	0	0	10	20	0	3	7	2	1	3	2	8	4						
		21	1008.2	–	11.2	1.4	11.1	83	5.5	0	3	7	19	1	0	0	0	0	0	0	0	3	6	9	12	0	0	4	26	0	3	6	3	2	2	4	10	0						
6 SCOTLAND W																																											
Strathclyde																																											
Abbotsinch	9	3	1008.5	–	7.9	0.7	9.8	91	5.2	0	6	7	16	1	0	0	0	0	0	0	1	3	6	16	4	0	0	2	26	2	1	2	4	0	2	10	9	0						
		9	1008.6	-6.5	12.1	2.4	10.2	72	6.2	0	1	7	15	7	0	0	0	0	0	0	1	2	12	5	10	0	0	8	22	0	2	4	5	1	5	5	5	3						
		15	1007.9	–	14.5	3.6	10.3	63	6.3	0	1	5	22	2	0	0	0	0	0	0	0	2	6	13	9	0	0	13	17	0	2	3	3	1	6	4	7	4						
		21	1008.3	–	11.2	1.7	10.6	79	5.4	0	3	9	15	3	0	0	0	0	0	0	0	3	5	13	9	0	0	4	25	1	0	2	4	0	3	7	9	4						
Orsay	24	3	1008.5	–	9.3	0.4	11.2	95	6.0	0	5	5	6	12	2	0	0	1	2	0	0	0	1	8	18	0	0	18	8	4	3	1	4	2	4	3	3	6						
		9	1008.6	–	10.6	0.8	11.5	90	6.6	0	3	4	6	16	1	0	1	0	0	0	0	2	3	6	18	0	3	17	10	0	2	0	1	7	4	2	4	10						
		15	1008.5	–	11.7	1.1	12.0	87	5.7	0	3	9	11	7	0	0	0	0	0	0	0	1	8	9	12	0	2	18	9	1	5	0	0	9	4	0	4	7						
		21	1008.6	–	10.5	0.8	11.5	90	5.4	0	6	6	10	7	1	0	0	0	0	1	0	0	1	4	9	15	0	1	14	11	4	5	0	1	6	0	0	7	7						
Prestwick	21	3	1008.9	–	8.5	0.8	10.1	89	5.2	0	5	8	16	1	0	0	0	0	0	0	1	1	4	19	6	0	0	2	28	0	1	4	7	5	2	5	4	2						
		9	1008.9	-6.3	12.3	2.4	10.5	72	5.9	0	2	8	17	3	0	0	0	0	0	0	0	1	4	15	10	0	0	8	22	0	2	3	3	1	5	5	9	2						
		15	1008.5	–	14.0	3.2	10.5	66	5.9	0	1	9	16	4	0	0	0	0	0	0	0	1	1	15	13	0	0	12	18	0	0	2	0	1	6	6	11	4						
		21	1008.7	–	11.1	1.4	11.0	82	5.6	0	5	4	20	1	0	0	0	0	0	0	0	1	6	13	10	0	0	8	22	0	0	2	3	2	4	4	8	7						
Tiree	10	3	1008.4	–	9.0	0.7	10.6	91	5.3	0	8	3	14	5	0	0	0	0	1	1	0	0	1	4	14	9	0	0	13	17	0	7	4	2	3	4	3	2	5						
		9	1008.5	-5.9	11.1	1.4	11.0	82	5.8	0	6	4	13	6	1	0	0	0	0	1	1	0	2	8	7	11	0	1	22	7	0	12	0	1	3	6	3	0	5						
		15	1008.6	–	12.3	1.8	11.4	79	4.8	0	10	5	7	8	0	0	0	0	0	0	0	0	7	3	7	13	0	1	20	9	0	10	0	1	5	5	1	1	7						
		21	1008.5	–	10.1	1.1	10.8	86	4.8	0	9	5	10	6	0	0	0	0	0	1	0	0	2	6	8	13	0	1	10	19	0	11	3	0	4	2	2	0	8						
Dumfries & Galloway																																											
Corsewall Point	15	9	–	–	11.2	1.3	11.2	84	5.6	0	5	7	10	8	0	0	0	0	0	0	0	0	0	1	15	14	0	0	18	12	0	4	1	0	6	7	2	3	7						
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–						
Drungans	16	3	–	–	9.0	1.0	10.1	86	5.8	0	6	3	10	10	1	0	0	0	1	0	1	1	6	21	0	0	0	0	24	6	6	1	0	1	2	8	2	4						
		9	–	–	12.3	2.4	10.3	72	6.4	0	1	7	13	9	0	0	0	0	0	1	0	0	6	21	2	0	0	1	27	2	2	1	7	2	3	7	3	3						
		15	–	–	14.6	3.3	10.8	65	6.7	0	0	5	16	9	0	0	0	0	0	0	0	2	4	22	2	0	0	2	28	0	1	1	4	3	6	6	7	2						
		21	–	–	12.1	1.9	11.1	78	5.7	0	4	7	12	7	0	0	0	0	0	0	0	2	5	22	1	0	0	1	29	0	1	1	1	3	5	8	6	5						
Eskdalemuir	237	3	1009.0	–	6.5	0.3	9.4	95	6.6	1	2	1	12	13	1	0	1	1	0	3	1	4	11	5	4	0	0	1	27	2	9	1	1	0	5	5	3	4						
		9	1009.0	-6.3	10.2	1.6	10.0	80	6.6	0	1	4	14	11	0	0	0	0	0	1	2	1	9	10	7	0	0	6	24	0	5	4	0	2	4	10	3	2						
		15	1008.7	–	12.5	2.5	10.4	71	6.7	0	1	2	20	7	0	0	0	0	0	0	1	4	6	7	12	0	0	10	20	0	2	3	3	0	7	5	8	2						
		21	1009.0	–	9.3	0.9	10.4	88	6.0	0	3	6	12	8	1	0	1	1	0	0	1	6	5	6	10	0	0	3	25	2	4	2	0	2	5	4	5	6						
2 ENGLAND E & NE																																											
Northumberland																																											
Boulmer	27	3	1008.5	–	8.5	0.8	10.0	89	6.0	0	4	3	21	2	0	0	0	0	0	0	1	1	3	5	11	9	0	0	4	25	1	2	1	0	2	7	3	9	5						
		9	1008.9	-6.4	11.9	2.1	10.5	75	6.3	0	0	7	19	4	0	0	0	0	0	0	1	2	1	3	7	16	0	0	9	21	0	4	5	2	4	3	4	5	3						
		15	1008.7	–	12.7	2.2	11.1	75	5.9	0	3	6	17	4	0	0	0	0	0	0	1	1	2	3	14	9	0	0	11	19	0	5	5	4	8	2	4	2	0						
		21	1008.8	–	10.4	1.2	10.8	85	5.5	0	4	9	15	2	0	0	0	0	1	0	0	1	1	8	11	8	0	0	4	25	1	4	1	0	4	9	4	5	2						
Tyne & Wear																																											
Newcastle Weather Centre (X)	47	3	1008.9	–	9.5	1.3	9.9	82	5.5	0	5	6	15	4	0	0	0	0	0	0	0	4	1	12	13	0	0	1	29	0	5	1	0	1	3	6	10	4						
		9	1009.2	–	11.9	2.7	9.6	69	6.3	0	3	4	14	9	0	0	0	0	0	0	0	5	4	6	15	0	0	4	26	0	5	3	1	2	3	4	8	4						
		15	1008.9	–	13.7	3.7	9.5	61	6.1	0	1	9	16	4	0	0	0	0	0	1	1	1	3	8	17	0	0	4	26	0	3	5	4	2	1	5	7	3						
		21	1009.2	–	11.8	2.3	10.1	72	5.4	0	6	5	15	4	0	0	0	0	0	0	1	3	3	9	14	0	0	2	27	1	4	3	2	2	4	7	4	3						
Tynemouth	40	3	1008.7	–	9.6	1.1	10.3	85	5.6	2	0	11	14	3	0	0	0	0	0	0	0	4	3	23	0	0	0	9	21	0	4	0	0	0	9	2	12	3						
		9	1009.1	-6.6	11.8	2.1	10.5	75	6.3	0	3	3	13	11	0	0	0	0	0	0	2	5	3	20	0	0	2	11	17	0	8	2	1	1	6	4	6	2						
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–						
		21	1009.0	–	11.5	1.8	10.7	79	5.5	0	2	11	12	5	0	0	0	0	0	0	1	6	2	21	0	1	2	10	13	4	5	0	0	1	11	3	6	0						
North Yorkshire																																											
Fylingdales	262	3	1009.6	–	7.0	0.4	9.6	94	5.9	0	2	10	4	10	4	0	1	2	1	0	1	6	3	16	0	0	0	1	7	18	4	4	0	0	1	3	11	3	4						
		9	1009.6	–	10.2	1.5	10.1	81	6.9	0	1	3	9	16	1	0	1	0	1	0	2	1	2	23	0	0	0	0	18	11	1	4	1	0	3	2	8	6	5						
		15	1009.4	–	11.7	2.3	10.2	74	7.2	0	0	2	12	15	1	0	1	0	0	0	1	2	3	23	0	0	0	0	19	10	1	7	3	1	2	4	6	5	1						
		21	1010.0	–	8.8	0.9	10.1	88	5.8	1	1	10	6	11	1	0	1	0	0	0	0	3	4	22	0	0	0	0	10	16	4	6	0	0	1	5	7	6	1						
Leeming	37	3	1009.5	–	8.6	0.9	10.1	88	4.9	0	8	6	13	3	0	0	0	0	0	0	0	3	4	7	13	3	0	0	5	22	3	2	0	0	2	9	4	6	4						
		9	1009.7	-6.2	12.3	2.2	10.7	74	6.4	0	3	2	18	7	0	0	0	0	0	0	1	1	2	8	8	10	0	0	10	19	1	8	1	1	2	4	5	7	1						
		15	1009.3	–	14.3	3.3	10.6	65	6.9	0	0	1	23	6	0	0	0	0	0	0	0	0	3	8	13	6	0	1	14	15	0	4	7	0	3	4	3	9	0						
		21	1009.7	–	11.5	1.7	11.0	80	5.4	0	6	4	17	3	0	0	0	0	0	0	0	2	2	10	10	6	0	0	9	19	2	5	0	1	3	8	4	4	3						
Humberside																																											
Bridlington M R S C	19	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–						
		9	1009.5	–	12.8	2.4	10.9	73	6.1	0	2	7	13	8	0	0	0	1	0	0	2	1	5	21	0	0	0	0	13	17	0	5	0	1	4	2	9	5	4						
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–						
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–						
Easington	20	3	–	–	9.2	0.7	10.7	91	4.9	0	8	7	7	7	1	0	0	0	1	0	1	4	10	14	0	0	0	0	11	17	2	4	1	0	1	4	7	8	3						
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–						
		15	–	–	13.7	2.7	11.2	71	6.2	0	2	7	9	11	1	0	0	0	1	0	1	3	11	14	0	0	0	0	17	12	1	6	3	2	2	1	8	7	0						
		21	–	–	11.3	1.4	11.1	83	5.0	0	7	7	9	7	0	0	0	0	0	1	2	3	14	10	0	0	0	0	13	11	6	3	1	1	0	5	6	7	1						
Lincolnshire																																											
Coningsby	8	3	1010.2	–	8.8	0.6	10.6	92	4.8	1	8	6	7	8	0	0	0	0	0	2	2	2	8	2	14	0	0	0	4	24	2	3	2	3	0	6	4	7	3						
		9	1010.6	–	13.3	2.6	10.9	71	6.2	0	1	7	16	6	0	0	0	0	0	0	0	3	4	3	20	0	0	0	13	17	0	3	2	1	0	5	6	10	3						
		15	1010.4	–	14.9	3.4	11.0	65	6.8	0	0	4	15	11	0	0	0	0	0	0	0	0	5	4	16	5	0	1	16	13	0	3	2	0	0	6	8	8	3						
		21	1010.7	–	11.5	1.4	11.4	84	6.2	0	3	4	16	7	0	0	0	0	0	0	1	2	3	10	11	3	0	0	9	21	0	3	2	2	2	6	8	6	1						
Waddington	70	3	1010.5	–	8.9	0.7	10.6	91	4.5	0	11	4	9	6	0	0	0	0	0	1	1	3	4	8	13	0	0	0	5	23	2	2	0	1	2	3	14	2	4						
		9	1010.8	-5.6	12.6	2.3	10.9	74	6.6	0	0	6	17	7	0	0	0	0	0	0	2	4	5	14	5	0	0	0	17	13	0	2	3	0	3	1	10	7	4						
		15	1010.4	–	14.6	3.3	10.9	66	6.6	0	1	6	15	8	0	0	0	0	0	0	1	2	1	16	10	0	0	0	21	9	0	4	2	0	0	6	9	8	1						
		21	1010.8	–	11.4	1.5	11.1	82	6.0	0	5	4	14	7	0	0	0	0	0	1	2	6	4	9	8	0	0	5	24	1	2	2	2	5	0	12	3	3						

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 EAST ANGLIA																																											
Norfolk																																										
Coltishall	19	3	1010.7	–	9.6	0.7	11.1	91	5.9	0	5	4	12	9	0	0	0	2	1	0	3	8	5	11	0	0	0	6	21	3	2	1	0	1	4	7	9	3
		9	1011.1	–	13.3	2.2	11.6	75	6.1	0	3	4	17	6	0	0	0	0	0	0	1	3	6	14	6	0	0	15	15	0	5	1	1	3	3	7	8	2
		15	1011.0	–	15.0	3.1	11.5	67	6.4	0	1	8	13	8	0	0	0	0	0	0	0	4	5	12	9	0	0	16	14	0	6	2	0	1	2	11	4	4
		21	1011.3	–	11.6	1.2	11.8	85	5.6	0	5	5	13	7	0	0	0	0	0	0	4	4	6	12	4	0	0	5	24	1	2	2	2	4	12	4	2
Hemsby	14	3	1010.5	–	9.7	0.6	11.1	92	5.9	0	5	4	11	10	0	0	0	1	0	1	5	6	7	10	0	0	0	9	19	2	2	1	0	0	6	11	6	2
		9	1011.0	–	13.3	2.1	11.7	76	6.4	0	1	6	17	6	0	0	0	0	0	0	3	2	8	11	6	0	0	20	10	0	4	2	1	3	3	10	5	2
		15	1010.9	–	14.8	2.9	11.8	70	6.4	0	1	5	15	9	0	0	0	0	0	0	1	7	13	9	0	0	0	16	14	0	6	1	0	3	5	9	4	2
		21	1011.1	–	11.5	1.2	11.7	86	6.1	0	5	1	16	8	0	0	0	0	1	0	3	3	10	9	4	0	0	8	22	0	3	0	2	3	8	9	3	2
Marham	24	3	1010.8	–	9.3	0.5	11.1	93	5.8	0	7	1	13	9	0	0	0	0	1	1	3	11	4	8	2	0	0	7	21	2	2	1	1	2	6	9	3	4
		9	1011.2	-5.4	13.2	2.0	11.8	77	6.4	0	2	5	13	10	0	0	0	0	0	0	4	0	9	10	7	0	0	17	13	0	4	4	0	2	4	8	5	3
		15	1010.9	–	14.5	2.6	12.0	73	7.0	0	0	4	16	10	0	0	0	0	0	0	1	4	6	14	5	0	0	16	14	0	5	2	0	1	4	9	9	0
		21	1011.3	–	11.5	1.1	11.8	86	6.1	0	3	6	15	6	0	0	0	0	0	0	3	5	5	7	10	0	0	7	22	1	4	1	3	2	6	10	3	0
Norwich	15	3	1010.8	–	10.1	0.7	11.3	90	5.6	0	6	6	8	10	0	0	0	0	0	0	4	8	10	8	0	0	0	0	29	1	1	2	0	1	7	7	7	4
Weather Centre (X)		9	1011.2	–	13.2	2.0	11.8	77	6.3	0	2	5	14	9	0	0	0	0	0	1	0	5	9	12	3	0	0	1	29	0	5	4	0	0	4	6	11	0
		15	1011.0	–	15.2	3.1	11.8	68	6.7	0	0	4	17	9	0	0	0	0	0	0	0	3	7	16	4	0	0	5	25	0	5	3	2	0	4	10	5	1
		21	1011.3	–	12.4	1.5	11.9	83	5.7	1	4	4	14	7	0	0	0	0	0	0	2	6	6	14	2	0	0	0	30	0	2	3	1	2	6	11	3	2
Cambridgeshire																																										
Wyton	43	3	1011.1	–	9.4	0.6	11.0	92	5.5	0	6	5	11	8	0	0	0	0	1	0	0	3	10	4	10	2	0	0	4	23	3	3	1	0	1	4	9	8	1
		9	1011.4	-5.4	13.0	2.3	11.2	74	6.5	0	0	6	18	6	0	0	0	0	0	0	1	0	5	6	12	6	0	0	13	17	0	5	3	0	1	2	11	7	1
		15	1011.1	–	14.7	3.1	11.3	68	7.1	0	0	2	20	8	0	0	0	0	0	0	1	4	5	9	11	0	0	0	15	15	0	4	3	0	0	4	8	9	2
		21	1011.5	–	11.7	1.4	11.6	84	6.2	0	2	5	17	6	0	0	0	0	0	1	3	6	4	8	8	0	0	5	25	0	4	1	4	2	3	8	7	1
Suffolk																																										
Honington	51	3	1011.1	–	9.1	0.6	10.8	92	5.8	1	5	2	14	8	0	0	0	0	0	1	7	8	2	11	1	0	0	6	23	1	2	1	0	3	4	9	8	2
		9	1011.4	-5.2	13.1	2.2	11.5	75	6.2	0	1	9	15	5	0	0	0	0	0	0	3	5	6	11	5	0	0	10	20	0	1	3	0	1	3	12	5	5
		15	1011.1	–	15.1	3.4	11.2	65	6.5	0	1	4	18	7	0	0	0	0	0	0	0	3	6	12	9	0	0	12	18	0	5	0	1	0	7	8	9	0
		21	1011.5	–	11.7	1.4	11.5	84	6.3	0	2	5	16	7	0	0	0	0	0	0	3	7	4	13	3	0	0	5	24	1	2	1	2	1	5	11	4	3
Wattisham	91	3	1011.1	–	8.7	0.4	10.9	95	5.6	0	6	5	9	10	0	0	0	1	1	1	2	11	5	7	2	0	0	11	18	1	3	0	0	1	7	7	7	4
		9	1011.4	–	12.8	1.9	11.6	78	6.7	0	1	3	17	9	0	0	0	0	0	0	1	3	8	12	6	0	1	20	9	0	2	1	0	3	2	12	5	5
		15	1011.1	–	14.9	3.2	11.5	67	6.6	0	0	7	15	8	0	0	0	0	0	0	0	2	7	16	5	0	0	19	11	0	3	2	1	0	7	9	7	1
		21	1011.6	–	11.0	0.9	11.8	88	6.5	0	1	5	15	9	0	0	0	0	0	0	3	5	8	13	1	0	0	6	24	0	3	0	1	5	7	9	3	2
Essex																																										
Stansted	102	3	1011.3	–	9.2	0.6	10.8	91	6.3	1	4	0	15	10	0	0	0	0	0	2	5	4	7	8	4	0	0	5	24	1	3	0	0	2	5	9	5	5
		9	1011.7	-5.1	12.7	2.2	11.0	75	6.6	0	0	6	18	6	0	0	0	0	0	0	0	6	7	10	7	0	0	14	16	0	0	2	2	0	4	9	7	6
		15	1011.2	–	14.6	3.1	11.2	67	6.8	0	0	2	24	4	0	0	0	0	0	1	5	5	11	8	0	1	16	13	0	1	2	0	1	4	7	10	5
		21	1011.7	–	11.8	1.4	11.6	83	6.6	0	1	5	16	8	0	0	0	0	0	0	4	4	6	13	3	0	0	4	25	1	3	1	1	2	4	6	10	2
4 MIDLAND COUNTIES																																										
West Yorkshire																																										
Leeds	60	3	1009.7	–	9.4	1.0	10.4	87	5.4	2	5	3	14	6	0	0	0	0	0	0	1	6	6	14	3	0	0	1	28	1	4	1	2	1	1	0	11	9
Weather Centre (X)		9	1010.0	–	12.6	2.5	10.5	72	6.6	0	1	3	19	7	0	0	0	0	0	1	1	3	8	10	7	0	0	8	22	0	4	2	2	3	2	0	15	2
		15	1009.5	–	14.6	3.3	10.8	65	6.9	0	0	1	24	5	0	0	0	0	0	0	0	3	6	17	4	0	2	10	17	1	4	0	2	0	3	5	9	6
		21	1009.9	–	12.1	1.9	11.2	78	6.0	0	2	7	15	6	0	0	0	0	0	0	1	4	7	12	6	0	0	5	25	0	3	2	3	3	0	2	10	7
Wilsden	267	3	1010.2	–	7.5	0.6	9.7	91	5.0	0	9	5	7	9	0	0	0	0	1	0	3	3	17	6	0	0	0	6	20	4	0	3	1	1	2	6	11	2
		9	1010.2	–	10.4	1.6	10.2	80	6.5	0	1	7	11	10	1	0	0	0	3	0	0	4	9	12	2	0	0	0	6	24	0	2	3	1	3	2	5	10	4
		15	1009.7	–	12.3	2.3	10.5	74	6.6	0	1	6	15	8	0	0	0	0	0	1	0	4	5	18	2	0	0	14	16	0	2	2	2	2	2	5	13	2
		21	1010.4	–	–	–	10.5	–	5.6	0	5	6	11	8	0	0	0	0	0	1	1	7	10	8	3	0	0	5	23	2	2	0	3	3	4	4	11	1
South Yorkshire																																										
Finningley	15	3	1010.0	–	8.7	0.7	10.4	91	4.7	0	11	3	12	4	0	0	0	0	0	1	4	4	11	10	0	0	0	5	22	3	3	1	1	3	4	7	6	2
		9	1010.3	-6.0	12.9	2.4	11.0	73	6.2	0	0	9	13	8	0	0	0	0	0	0	2	3	5	13	7	0	0	17	12	1	2	2	2	1	5	7	7	3
		15	1009.8	–	14.8	3.3	11.0	65	7.0	0	0	1	23	6	0	0	0	0	0	0	0	4	4	13	9	0	0	18	12	0	7	2	0	0	5	5	10	1
		21	1010.3	–	11.5	1.5	11.2	82	5.9	0	4	4	16	6	0	0	0	0	0	0	1	3	11	9	6	0	0	7	23	0	5	0	1	4	6	9	4	1
Nottinghamshire																																										
Nottingham	119	3	1010.8	–	8.5	0.6	10.4	92	4.8	0	10	3	11	6	0	0	0	0	0	1	2	6	11	10	0	0	0	3	26	1	3	1	2	1	0	10	9	3
Weather Centre (X)		9	1011.0	-5.5	12.2	2.2	10.7	75	6.5	0	0	7	15	8	0	0	0	0	0	1	2	4	4	11	8	0	0	9	21	0	4	3	0	1	3	12	5	2
		15	1010.5	–	14.1	3.1	10.6	67	6.8	0	0	3	20	7	0	0	0	0	0	0	0	4	3	15	8	0	0	12	18	0	5	1	0	0	5	8	9	2
		21	1011.1	–	11.0	1.3	11.1	84	5.6	0	6	5	10	9	0	0	0	0	0	0	4	5	9	7	5	0	0	3	26	1	2	3	3	0	3	10	4	4
Staffordshire																																										
Cellarhead	228	3	1010.9	–	7.9	0.5	10.0	92	5.7	2	4	5	5	12	2	1	0	0	1	3	0	8	17	0	0	0	0	1	23	6	0	0	5	1	3	7	5	3
		9	1011.0	–	10.8	1.4	10.7	82	7.2	0	0	3	10	17	0	0	0	0	0	3	1	6	20	0	0	0	0	0	6	23	1	2	0	2	1	3	9	10	2
		15	1010.5	–	13.1	2.7	10.5	70	6.9	0	0	3	12	15	0	0	0	0	0	0	2	4	24	0	0	0	0	1	8	20	1	0	1	1	1	6	3	10	7
		21	1010.6	–	11.1	1.8	10.4	79	5.8	0	3	9	8	10	0	0	0	0	0	1	4	5	20	0	0	0	0	0	4	25	1	0	2	1	4	3	5	8	6
Shropshire																																										
Shawbury	76	3	1010.9	–	8.5	0.9	10.0	89	5.4	0	7	4	13	6	0	0	0	2	0	2	4	1	5	15	1	0	0	3	22	5	2	1	2	2	3	5	9	1
		9	1011.0	-5.6	12.6	2.3	10.8	73	6.6	0	0	5	17	8	0	0	0	0	0	0	0	5	5	11	9	0	0	12	18	0	2	2	1	0	8	4	7	6
		15	1010.7	–	14.4	3.3	10.7	66	6.6	0	0	5	17	8	0	0	0	0	0	0	0	2	7	12	9	0	0	18	12	0	2	1	1	1	5	3	10	7
		21	1011.0	–	11.2	1.6	10.8	80	5.6	0	5	5	12	8	0	0	0	0	0	1	2	4	1	14	8	0	0	6	22	2	0	2	2	2	4	7	8	3
West Midlands																																										
Elmdon	99	3	1011.0	–	9.1	0.9	10.4	89	5.6	0	6	4	13	7	0	0	0	0	2	1	2	6	9	7	3	0	0	1	27	2	3	2	0	3	2	7	5	6
		9	1011.4	-5.4	12.7	2.4	10.7	73	6.7	0	0	6	14	10	0	0	0	0	0	0	3	3	7	11	6	0	0	6	24	0	2	3	0	1	4	8	6	6
		15	1010.9	–	14.7	3.5	10.5	63	6.6	0	2	4	13	11	0	0	0	0	0	0	0	4	8	12	7	0	0	14	16	0	3	2	0	0	5	9	7	4
		21	1011.3	–	11.7	1.9	10.8	78	5.7	0	7	2	14	7	0	0	0	0	0	0	2	4	7	13	4	0	0	5	25	0	4	0	2	2	4	8	4	6
Hereford & Worcester																																										
Great Malvern	46	9	1011.7	–	13.8	2.2	12.1	76	6.2	0	3	4	13	10	0	0	0	0	0	0	3	2	6	18	1	0	0	4	25	1	3	1	1	2	7	3	7	5
		15	1011.2	–	15.6	3.0	12.3	70	6.5	0	0	9	7	14	0	0	0	0	0	0	1	3	3	21	2	0	0	6	24	0	3	2	1	2	4	6	10	2
		21	1011.5	–	12.0	1.4	11.8	83	5.6	0	8	0	11	11	0	0	0	0	0	0	2	2	6	20	0	0	0	2	26	2	3	0	1	0	10	4	4	6

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount (Oktas): Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
4 MIDLAND COUNTIES - Continued																																										
Hereford & Worcester - Continued																																										
Madley	79	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oxfordshire																																									
Brize Norton	92	3	1011.7	—	9.2	0.6	10.9	91	5.5	0	5	8	9	8	0	0	0	0	0	1	2	7	6	10	4	0	0	0	27	3	2	1	1	1	1	13	5	3				
		9	1012.2	—	12.9	2.1	11.4	76	6.5	0	2	4	14	10	0	0	0	0	0	0	1	4	5	15	5	0	0	10	20	0	1	2	1	1	3	9	8	5				
		15	1011.7	—	14.8	3.1	11.3	67	7.0	0	0	2	17	11	0	0	0	0	0	0	0	6	5	8	11	0	0	9	21	0	1	1	2	1	2	8	12	3				
		21	1012.0	—	11.9	1.4	11.8	84	5.9	0	3	8	9	10	0	0	0	0	0	0	2	4	4	15	5	0	0	2	27	1	1	2	1	0	7	9	5	4				
5 ENGLAND SE & CENT. S																																									
Greater London																																									
Heathrow	26	3	1011.7	—	10.5	0.8	11.5	90	6.1	0	5	3	10	12	0	0	0	0	0	0	2	5	10	13	0	0	0	3	26	1	2	2	0	2	6	6	10	1				
		9	1012.2	-4.8	14.0	2.6	11.5	71	6.2	0	1	8	13	8	0	0	0	0	0	0	1	1	4	14	10	0	0	7	22	1	0	2	0	1	5	9	8	4				
		15	1011.8	—	16.2	3.9	11.4	62	6.6	0	0	4	21	5	0	0	0	0	0	0	0	0	4	15	11	0	0	13	17	0	2	1	1	2	3	8	12	1				
		21	1012.1	—	13.2	1.8	12.2	80	6.4	0	3	3	15	9	0	0	0	0	0	0	1	3	5	14	7	0	0	5	25	0	2	0	0	1	6	13	4	4				
London Weather Centre (X)	24	3	1011.7	—	11.3	1.2	11.5	85	5.8	0	5	5	11	9	0	0	0	0	0	0	0	7	9	14	0	0	0	9	21	0	1	2	1	1	3	9	5	8				
		9	1012.2	—	13.7	2.6	11.2	71	6.7	0	1	4	14	11	0	0	0	0	0	0	0	1	7	18	4	0	0	15	15	0	5	1	1	0	2	11	6	4				
		15	1011.8	—	15.9	3.7	11.3	63	6.9	0	0	2	21	7	0	0	0	0	0	0	0	0	9	10	11	0	1	14	15	0	1	2	1	0	4	8	11	3				
		21	1012.1	—	13.6	2.2	11.9	76	6.5	0	2	5	14	9	0	0	0	0	0	0	1	4	6	14	5	0	0	13	17	0	3	2	0	2	3	10	6	4				
Wiltshire																																									
Lyneham	149	3	1012.0	—	9.1	0.5	10.9	93	5.8	0	5	4	13	8	0	0	0	0	0	4	1	2	7	4	10	2	0	0	3	27	0	1	2	1	1	4	11	7	3			
		9	1012.4	-4.7	12.3	2.0	11.1	76	6.4	0	1	8	13	8	0	0	0	0	0	0	0	1	4	4	15	6	0	1	12	17	0	3	2	1	1	1	12	6	4			
		15	1011.9	—	14.1	3.0	11.0	69	6.9	0	0	5	15	10	0	0	0	0	0	0	0	1	4	6	10	9	0	0	20	10	0	2	2	0	0	4	5	15	2			
		21	1012.3	—	11.3	1.3	11.3	84	5.7	0	6	4	11	9	0	0	0	0	0	1	0	1	6	5	10	7	0	0	7	23	0	3	0	2	1	2	10	8	4			
Berkshire																																									
Easthampstead	75	9	1012.6	—	13.0	2.1	11.5	76	6.4	0	1	6	12	11	0	0	0	0	0	0	0	0	3	6	16	5	0	0	0	29	1	2	1	1	1	4	7	6	7			
		15	1012.1	—	15.1	3.0	11.8	69	6.6	0	1	4	16	9	0	0	0	0	0	0	0	2	7	15	6	0	0	4	25	1	5	0	0	3	1	6	11	3			
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kent																																									
Langdon Bay	121	3	1012.3	—	10.1	0.4	11.9	95	6.1	2	1	6	6	13	2	2	2	0	0	1	3	1	6	5	12	0	0	0	17	13	0	2	1	1	1	4	8	9	4			
		9	1012.9	—	12.0	1.0	12.4	87	6.8	0	0	7	9	12	2	2	2	0	0	0	2	1	7	9	9	0	0	0	17	12	1	2	2	1	1	2	16	1	4			
		15	1013.0	—	12.7	1.3	12.6	85	6.4	0	2	5	15	5	3	3	0	0	0	0	1	9	12	5	0	0	3	15	12	0	0	2	0	2	2	20	2	2			
		21	1013.0	—	11.0	0.7	12.1	92	6.4	0	1	7	10	9	3	3	0	0	0	0	1	4	11	11	0	0	2	10	16	2	2	2	0	0	4	15	4	1			
Manston	45	3	1012.2	—	10.3	0.6	11.6	92	6.4	0	3	3	13	11	0	0	0	0	0	1	2	10	13	4	0	0	0	7	23	0	3	1	0	4	3	13	3	3			
		9	1012.7	—	13.1	1.8	12.0	79	6.3	0	3	4	14	9	0	0	0	0	0	0	0	7	11	11	1	0	0	17	13	0	3	0	1	1	3	11	6	5			
		15	1012.7	—	14.8	2.7	12.1	72	5.9	0	3	7	15	5	0	0	0	0	0	0	0	4	6	18	2	0	0	18	12	0	1	2	2	3	6	12	0	4			
		21	1012.9	—	11.6	1.0	12.1	88	6.2	0	2	6	11	11	0	0	0	0	0	2	1	2	12	13	0	0	0	6	24	0	1	1	1	4	5	13	4	1			
Ulcombe	47	9	1012.8	—	13.2	1.8	12.1	79	7.0	0	0	3	16	11	0	0	0	0	0	0	2	20	8	0	0	0	0	6	24	0	1	1	1	1	3	9	10	4			
		21	1013.0	—	11.2	0.7	12.1	91	6.1	0	6	0	14	10	0	0	0	0	0	0	3	24	3	0	0	0	0	0	2	22	6	1	1	0	2	4	6	9	1			
Hampshire																																									
Solent	9	3	1012.7	—	11.4	1.0	12.0	88	5.6	2	3	7	5	13	0	0	0	0	0	0	0	2	13	15	0	0	4	12	14	0	2	2	0	1	1	11	7	6			
M R S C		9	1013.5	—	13.4	2.1	11.9	77	6.4	0	0	11	9	10	0	0	0	0	0	0	1	3	11	15	0	0	6	13	9	2	3	2	0	1	2	12	6	2			
		15	1013.1	—	14.9	2.6	12.4	73	6.6	0	0	4	17	9	0	0	0	0	0	0	1	2	13	14	0	0	6	17	7	0	0	1	0	3	2	15	7	2			
		21	1013.3	—	12.9	1.3	12.8	85	6.3	0	4	4	7	15	0	0	0	0	0	0	0	6	11	13	0	0	4	15	11	0	1	1	0	2	1	11	11	3			
Southampton Weather Centre (X)	9	3	1012.6	—	10.9	0.9	11.7	89	5.9	1	6	0	14	9	0	0	0	0	0	0	0	2	5	11	12	0	0	0	0	30	0	1	3	1	0	4	5	9	7			
		9	1013.3	—	13.8	2.4	11.6	73	6.4	0	1	5	17	7	0	0	0	0	0	0	0	1	6	22	1	0	0	3	27	0	3	2	1	2	3	3	13	3			
		15	1012.9	—	15.2	3.0	11.9	69	7.0	0	0	2	18	10	0	0	0	0	0	0	1	4	4	20	1	0	0	5	25	0	2	2	0	2	6	7	11	0			
		21	1013.2	—	12.9	1.5	12.4	83	6.3	0	4	3	12	11	0	0	0	0	0	1	1	5	3	20	0	0	0	3	27	0	2	1	0	1	5	3	15	3			
Isle of Wight																																									
St Catherine's Point	16	3	—	—	11.2	0.8	12.0	89	5.6	1	6	3	8	11	1	0	0	1	0	0	1	1	4	18	5	0	3	12	14	1	3	0	1	1	0	7	13	4			
		9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	13.2	1.5	12.5	82	6.3	0	0	9	12	9	0	0	0	0	1	0	1	1	4	21	2	0	4	18	6	2	0	0	3	2	1	2	20	0			
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wellow	25	9	1013.5	—	13.2	1.5	12.6	83	6.9	0	0	5	10	14	1	0	0	1	0	2	1	4	11	11	0	0	0	12	18	0	4	2	2	2	1	3	14	2			
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Sussex																																									
Gatwick	64	3	1012.5	—	9.8	0.6	11.4	93	6.3	0	5	1	10	14	0	0	0	0	1	1	4	10	11	3	0	0	0	4	24	2	1	2	0	0	5	13	4	3			
		9	1012.9	-4.3	13.3	2.2	11.6	75	6.4	0	1	7	11	11	0	0	0	0	0	0	0	6	7	16	1	0	0	6	24	0	4	2	0	0	4	13	3	4			
		15	1012.6	—	15.3	3.3	11.4	66	6.8	0	0	3	19	8	0	0	0	0	0	0	0	4	6	13	7	0	0	7	23	0	1	1	0	1	5	13	7	2			
		21	1013.0	—	12.0	1.2	12.1	85	6.4	0	2	6	12	10	0	0	0	0	0	0	1	9	6	14	0	0	0	0	29	1	1	0	2	1	9	13	2	1			
East Sussex																																									
Herstmonceux	25	3	1012.7	—	9.9	0.5	11.6	94	6.2	0	5	3	8	14	0	0	0	0	0	2	0	1	9	12	6	0	0	0	5	23	2	4	0	0	2	1	10	9	2			
		9	1013.4	—	12.9	1.5	12.3	82	6.9	0	1	3	15	11	0	0	0	0	0	0	2	5	9	12	2	0	1	15	14	0	1	2	1	1	3	9	11	2			
		15	1013.4	—	13.9	2.1	12.3	77	6.7	0	1	3	18	8	0	0	0	0	0	0	2	3	7	15	3	0	1	16	13	0	0	1	1	2	3	12	10	1			
		21	1013.4	—	11.4	0.8	12.2	90	6.3	0	5	2	11	12	0	0	0	0	0	0	3	6	12	8	1	0	0	6	22	2	1	1	0	1	2	9	13	1			
7A ENGLAND NW & I.o.M.																																									
Cumbria																																									
Aspatria	64	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Eskmeals	9	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
7A ENGLAND NW & I.o.M. - Continued																																											
Lancashire																																										
Aughton	56	3	1010.2	–	9.5	0.8	10.7	89	5.2	1	5	8	10	6	0	0	0	1	0	0	1	0	4	16	8	0	0	6	24	0	2	3	5	2	6	5	5	2
		9	1010.4	–	11.8	1.6	11.3	81	6.8	0	0	5	17	8	0	0	0	0	0	0	2	4	6	9	9	0	0	7	23	0	2	2	1	5	6	3	7	4
		15	1010.2	–	14.0	2.7	11.3	71	5.7	0	3	7	16	4	0	0	0	0	0	0	0	3	1	11	15	0	0	19	11	0	1	2	0	2	4	6	11	4
		21	1010.3	–	11.5	1.4	11.3	82	5.7	0	6	4	14	6	0	0	0	0	0	0	0	4	2	10	14	0	0	8	21	1	3	1	3	3	3	6	8	2
Squires Gate	11	9	1010.3	-5.8	12.6	2.1	11.1	76	6.2	0	3	3	17	7	0	0	0	0	0	0	1	6	8	9	6	0	1	19	10	0	1	1	2	4	5	4	8	5
		15	1010.1	–	14.3	2.9	11.2	69	5.2	0	7	6	14	3	0	0	0	0	0	0	0	2	3	12	13	0	2	20	8	0	1	1	0	1	3	6	8	10
Merseyside																																										
Crosby	9	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1010.3	–	12.3	1.7	11.5	80	7.1	0	0	5	7	18	0	0	0	0	0	0	2	7	4	15	2	0	4	14	9	3	1	1	1	1	8	2	9	4
		15	1010.1	–	14.5	2.6	11.9	72	6.2	0	2	7	8	13	0	0	0	0	0	0	3	0	4	22	1	0	6	13	10	1	0	2	0	1	5	6	9	6
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greater Manchester																																										
Ringway	84	3	1010.4	–	8.8	0.8	10.3	89	5.1	0	7	6	13	4	0	0	0	0	0	1	2	7	7	13	0	0	0	6	24	0	4	1	3	1	12	4	4	1
		9	1010.6	-5.6	12.0	2.0	10.8	76	6.8	0	0	4	17	9	0	0	0	0	0	0	1	3	14	9	3	0	0	9	21	0	2	2	2	0	10	3	8	3
		15	1010.3	–	14.1	3.2	10.7	66	6.2	0	2	5	18	5	0	0	0	0	0	0	0	2	10	12	6	0	0	13	17	0	1	0	1	3	6	3	13	3
		21	1010.5	–	11.7	1.8	10.8	78	5.5	0	6	5	13	6	0	0	0	0	0	0	0	4	9	10	7	0	0	7	23	0	1	1	3	2	6	4	10	3
Isle of Man																																										
Calf of Man	93	3	–	–	–	–	–	–	5.4	0	6	6	11	6	1	1	0	0	1	0	0	1	3	15	9	0	0	9	19	2	3	0	3	2	4	4	9	3
		9	–	–	–	–	–	–	6.7	0	0	6	11	11	2	2	0	0	0	0	1	0	4	17	6	0	0	16	14	0	2	0	3	2	10	0	8	5
		15	–	–	–	–	–	–	5.7	0	2	10	9	9	0	0	0	0	0	0	0	4	4	16	6	0	5	13	12	0	6	0	1	2	9	1	7	4
		21	–	–	–	–	–	–	5.8	0	1	12	10	6	1	1	0	0	0	0	0	0	5	15	9	0	3	14	11	2	7	0	2	3	7	3	4	2
Point of Ayre	11	3	1009.2	–	9.7	0.8	10.9	89	5.7	0	5	4	13	7	1	0	0	1	0	0	0	0	1	17	11	0	0	14	13	3	2	2	2	1	2	7	6	5
		9	1009.3	-6.4	12.2	1.5	11.9	83	6.3	0	2	4	16	8	0	0	0	0	0	0	1	3	20	6	0	0	0	19	10	1	2	2	2	4	3	3	6	7
		15	1009.2	–	14.4	2.7	11.8	72	5.3	0	5	9	11	5	0	0	0	0	0	0	0	2	18	10	0	0	4	16	10	0	1	1	2	2	6	3	8	7
		21	1009.1	–	11.4	1.2	11.6	86	5.3	0	4	9	11	6	0	0	0	0	0	1	0	3	20	6	0	1	1	13	15	1	1	0	1	4	1	6	9	7
Ronaldsway	21	3	1009.5	–	9.5	0.8	10.7	89	5.2	0	7	5	12	6	0	0	0	0	1	0	0	3	7	9	10	0	0	14	12	4	5	1	3	1	1	3	7	5
		9	1009.7	-6.2	11.5	1.5	11.2	82	6.9	0	1	1	20	8	0	0	0	0	1	0	1	1	12	10	5	0	1	17	12	0	1	1	4	2	7	4	6	5
		15	1009.6	–	13.1	2.6	10.7	71	5.5	0	4	8	15	3	0	0	0	0	0	0	1	1	9	12	7	0	2	16	12	0	2	1	3	2	7	5	5	5
		21	1009.6	–	10.7	1.3	10.9	84	5.3	0	6	8	10	6	0	0	0	0	0	1	2	1	10	9	7	0	0	11	18	1	3	1	2	1	1	6	9	6
7B WALES N																																										
Gwynedd																																										
Nantmor	52	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Valley	11	3	1010.3	–	10.0	0.7	11.3	90	5.1	0	6	7	14	3	0	0	0	0	1	0	1	5	6	12	5	0	0	9	20	1	2	5	2	0	4	9	2	5
		9	1010.6	-5.7	12.4	1.6	11.8	82	6.4	0	2	6	9	13	0	0	0	0	0	0	1	5	7	12	5	0	2	14	14	0	2	3	1	1	9	3	6	5
		15	1010.6	–	14.1	2.6	11.6	72	5.2	0	6	8	10	6	0	0	0	0	0	0	0	4	3	15	8	0	3	15	12	0	3	1	0	1	7	8	3	7
		21	1010.3	–	11.5	1.2	11.7	85	5.1	0	5	10	9	6	0	0	0	0	0	1	1	6	4	7	11	0	1	12	17	0	3	2	3	0	7	7	5	3
Clwyd																																										
Moel-y-Crio	263	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8A WALES S																																										
Dyfed																																										
Aberporth	134	3	1011.0	–	9.9	0.9	10.9	88	6.3	1	2	5	12	10	0	0	0	0	0	2	1	7	8	5	7	0	1	18	10	1	2	0	3	1	9	6	4	4
		9	1011.3	-5.4	11.8	1.4	11.5	83	6.6	0	2	3	17	8	0	0	0	1	1	0	0	3	12	11	2	0	2	21	7	0	1	2	0	2	8	4	5	8
		15	1011.2	–	13.1	2.1	11.6	77	5.8	0	6	2	16	6	0	0	0	0	0	0	0	4	6	11	9	0	6	14	10	0	3	1	0	0	7	7	6	6
		21	1011.3	–	10.9	1.1	11.3	86	5.4	0	7	4	13	6	0	0	0	0	0	0	0	4	11	5	10	0	4	14	9	3	2	1	0	2	6	7	7	2
Brawdy	116	3	1011.5	–	9.5	0.4	11.4	95	6.2	0	3	4	16	7	0	0	0	1	0	2	1	5	10	8	3	0	0	14	16	0	4	4	1	1	4	8	5	3
		9	1011.7	–	11.7	1.2	11.9	86	6.5	0	1	5	17	7	0	0	0	2	0	0	1	2	12	9	4	0	0	24	6	0	2	3	0	3	3	8	4	7
		15	1011.6	–	12.8	1.6	12.1	82	5.9	0	6	2	15	7	0	0	0	1	0	0	0	6	4	12	7	0	3	20	7	0	5	0	1	1	4	10	8	1
		21	1011.7	–	10.5	0.7	11.6	90	5.1	0	9	2	14	5	0	1	1	0	0	1	0	4	8	7	8	0	0	15	15	0	3	4	0	1	3	7	8	4
Milford Haven	39	3	1011.7	–	10.8	0.6	12.0	92	5.7	1	3	8	7	11	0	0	0	0	0	0	2	4	11	13	0	0	0	12	16	2	4	2	0	3	3	7	6	3
		9	1012.1	-4.9	12.3	1.1	12.4	86	5.7	0	4	8	7	10	1	0	0	0	1	0	1	6	10	12	0	0	0	16	12	2	0	2	1	2	4	7	5	7
		15	1012.0	–	13.9	1.9	12.6	79	5.6	0	2	12	7	9	0	0	0	0	1	0	0	6	11	12	0	0	4	19	7	0	1	0	2	1	4	12	7	3
		21	1011.9	–	11.8	1.0	12.2	88	4.7	3	4	10	5	7	1	0	0	1	0	0	1	5	11	12	0	0	2	8	20	0	5	0	1	0	3	10	6	5
West Glamorgan																																										
Mumbles Head	32	3	1011.8	–	11.2	0.3	12.8	96	6.0	2	1	8	6	12	1	0	0	0	2	0	0	3	17	8	0	0	1	11	16	2	1	1	3	1	1	10	5	6
		9	1012.4	-5.1	12.7	0.9	13.2	90	6.8	0	0	5	12	13	0	0	0	0	0	0	0	5	17	8	0	0	3	12	14	1	1	1	3	1	3	8	8	4
		15	1012.2	–	13.6	1.2	13.6	87	6.3	0	2	6	10	12	0	0	0	0	1	1	1	6	13	9	0	0	4	19	7	0	0	1	2	1	2	10	9	5
		21	1012.0	–	12.2	0.7	13.2	92	5.7	0	4	8	6	10	2	0	0	1	1	0	1	8	10	9	0	0	3	13	12	2	1	0	2	1	2	9	8	5
Mid Glamorgan																																										
Cwmbargoed	372	9	–	–	10.4	1.2	10.8	85	6.8	0	0	4	17	9	0	0	0	0	0	0	1	11	8	10	0	0	1	7	19	3	3	2	2	0	1	4	6	9
South Glamorgan																																										
Rhoose	74	3	1011.9	–	10.1	0.6	11.6	92	5.9	0	5	2	17	6	0	0	0	0	0	0	2	4	11	11	2	0	0	8	21	1	0	3	1	2	1	7	8	7
		9	1012.5	-4.7	12.9	1.8	11.8	79	6.8	0	1	3	18	8	0	0	0	0	0	1	1	6	6	14	2	0	0	15	15	0	0	3	1	3	2	5	13	3
		15	1012.1	–	14.1	2.3	12.1	76	6.2	0	3	6	14	7	0	0	0	0	0	0	1	4	12	9	4	0	1	15	14	0	2	0	2	4	2	4	15	1
		21	1012.3	–	11.6	1.1	12.0	87	5.4	0	5	7	9	9	0	0	0	0	0	0	2	5	13	5	5	0	0	9	21	0	0	2	1	3	1	5	15	3
8B ENGLAND SW																																										
Avon																																										
Bristol	40	3	1011.9	–	11.2	1.2	11.3	84	5.5	0	5	6	12	7	0	0	0	0	0	0	1	6	14	7	2	0	0	2	23	5	1	2	1	1	0	8	11	1
Weather Centre (X)		9	1012.5	-4.9	13.4	2.7	10.8	69	6.3	0	2	6	13	9	0	0	0	0	0	0	0	4	7	16	3	0	0	7	20	3	3	1	1	0	2	8	11	1
		15	1012.0	–	14.8	3.2	11.2	67	6.3	0	2	6	12	10	0	0	0	0	0	0	1	6	4	10	9	0	0	15	15	0	0	3	0	2	2	4	18	1
		21	1012.3	–	12.9	2.0	11.6	77	5.3	0	8	3	11	8	0	0	0	0	0	1	1	5	5	13	5	0	0	3	25	2	1	1	1	2	2	8	10	3

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount (Oktas): Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility (Number of observations): 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
8B ENGLAND SW - Continued																																											
Somerset																																											
Tivington	83	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	1013.0	—	12.7	1.6	—	—	6.4	0	2	4	13	11	0	0	0	0	0	0	0	3	8	9	5	5	0	0	3	27	0	1	1	2	1	1	6	11	7	
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1012.8	—	11.8	1.2	—	—	5.6	0	6	6	11	7	0	0	0	0	1	0	1	9	7	8	4	0	0	0	5	25	0	0	1	2	0	2	5	12	8	
Yeovilton	23	3	1012.3	—	10.0	0.8	11.2	89	5.7	1	1	10	10	8	0	0	0	0	0	0	1	7	12	10	0	0	0	0	3	22	5	0	1	1	2	3	8	7	3	
		9	1012.8	—	13.5	2.5	11.2	72	6.3	0	2	6	12	10	0	0	0	0	0	0	1	6	10	13	0	0	0	0	9	21	0	0	2	1	2	0	4	6	10	5	
		15	1012.3	—	15.0	3.1	11.5	68	6.3	0	0	8	11	11	0	0	0	0	0	0	0	2	7	4	17	0	0	0	0	18	12	0	3	2	1	0	3	10	3	8	
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dorset																																										
Hurn	11	3	1012.8	—	10.0	0.6	11.5	93	6.1	1	3	2	15	9	0	0	0	0	0	0	0	3	5	10	11	1	0	0	8	22	0	2	2	0	2	5	11	5	3	
		9	1013.3	-4.4	13.8	2.2	12.0	76	6.5	0	0	7	16	7	0	0	0	0	0	0	0	1	2	5	16	6	0	0	18	12	0	1	1	1	2	5	11	4	5	
		15	1013.0	—	15.1	2.7	12.3	72	6.6	0	0	6	15	9	0	0	0	0	0	0	0	3	2	7	9	9	0	0	2	20	8	0	1	1	0	3	6	13	4	2	
		21	1013.2	—	12.2	1.1	12.4	86	6.1	0	2	6	12	10	0	0	0	0	0	0	2	2	5	6	9	6	0	0	0	9	21	0	2	0	1	0	5	13	8	1	
Portland	54	9	1013.8	—	12.4	1.3	12.3	85	6.0	0	3	8	9	8	2	1	0	0	1	0	0	9	10	9	0	0	1	19	10	0	1	1	2	2	3	10	8	3	
Bill C.G.		15	1013.5	—	13.4	1.8	12.4	80	5.8	0	2	11	8	8	1	1	0	0	3	0	2	3	9	10	2	0	5	19	6	0	1	0	0	3	2	18	5	1		
Devon																																										
Exeter	38	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lundy	43	3	—	—	11.7	0.8	12.5	91	6.3	0	2	5	12	9	2	1	0	1	0	0	0	1	6	21	0	0	9	10	11	0	7	0	2	0	3	9	8	1		
		9	—	—	12.3	1.0	12.7	88	6.6	0	0	7	13	9	1	0	0	0	1	1	0	1	19	7	1	1	6	13	10	0	6	2	1	0	8	6	6	1		
		15	—	—	13.3	1.3	13.0	85	5.8	0	2	9	8	9	2	0	0	1	2	0	0	5	7	10	5	1	6	14	8	1	6	0	1	0	4	9	8	1		
		21	—	—	12.1	0.8	12.8	90	5.8	0	3	9	8	8	2	0	2	0	0	0	0	2	14	10	2	0	4	15	11	0	4	1	1	0	2	11	7	4		
Mount Batten	28	3	1013.3	—	—	—	—	—	5.6	1	6	3	13	7	0	0	0	0	0	0	3	1	5	10	10	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	1013.8	-3.7	—	—	—	—	6.5	0	1	5	15	9	0	0	0	0	0	0	1	3	3	6	14	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	1013.6	—	—	—	—	—	6.3	0	3	3	15	9	0	0	0	0	0	0	2	3	4	3	14	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1013.9	—	—	—	—	—	5.1	1	8	4	7	10	0	0	0	0	0	1	0	3	4	3	17	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cornwall																																										
Camborne	88	3	1013.3	—	10.6	0.6	12.0	93	6.2	0	3	6	11	8	2	0	1	1	1	1	0	4	9	12	1	0	0	15	15	0	3	2	0	3	6	6	7	3		
		9	1013.6	—	12.4	1.2	12.4	85	6.6	0	0	6	15	9	0	0	0	1	0	2	2	8	3	8	6	0	1	20	9	0	4	1	1	0	5	8	6	5		
		15	1013.7	—	13.5	1.5	12.9	83	6.3	0	0	9	11	10	0	0	0	0	0	3	1	6	7	8	5	0	4	22	4	0	2	0	1	1	2	8	10	6		
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Culdrose	84	3	1013.3	—	10.8	0.5	12.2	93	5.8	0	2	9	10	8	1	0	1	1	1	0	2	10	8	7	0	0	0	9	18	3	3	2	0	1	1	8	9	3		
		9	1013.5	—	12.8	1.1	12.9	87	6.7	0	0	5	16	8	1	1	1	0	0	4	1	5	8	10	0	0	1	15	14	0	4	1	3	1	3	9	5	4		
		15	1013.6	—	13.7	1.5	13.1	83	6.4	0	0	7	11	12	0	2	1	0	2	0	1	6	6	12	0	0	1	22	7	0	3	0	1	0	2	11	7	6		
		21	1013.9	—	11.8	0.7	12.8	92	5.8	0	4	7	10	7	2	2	1	1	1	0	2	5	7	11	0	0	0	1	9	20	0	1	1	1	0	1	9	11	6	
Gwennap Head	70	3	1013.3	—	11.3	0.7	12.3	91	6.5	0	3	5	6	14	2	1	1	1	0	1	1	3	4	14	4	0	3	16	10	1	3	0	1	0	5	11	4	5		
		9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	1013.9	—	12.9	1.3	12.7	85	6.5	0	0	8	9	8	5	1	1	1	2	1	1	4	6	8	5	0	5	19	6	0	1	0	1	1	7	12	6	2		
		21	1013.9	—	11.9	0.8	12.6	90	6.1	0	1	10	5	10	4	1	3	0	2	1	0	4	6	11	2	0	2	22	5	1	1	0	1	1	5	11	8	2		
St Mawgan	107	3	1012.9	—	11.2	0.7	12.2	91	6.5	0	2	4	15	8	1	0	0	1	1	0	2	3	11	9	3	0	0	14	16	0	2	2	2	2	6	7	6	3		
		9	1013.3	-4.3	13.0	1.5	12.4	82	6.7	0	2	3	16	9	0	0	0	0	1	1	2	5	4	11	6	0	1	21	8	0	1	2	1	4	4	6	6	6		
		15	1013.2	—	13.9	1.8	12.7	80	6.5	0	1	6	14	8	1	0	0	1	0	1	2	5	6	8	7	0	3	23	4	0	1	0	1	1	4	7	10	6		
		21	1013.5	—	12.1	0.7	12.9	91	5.9	1	4	4	11	10	0	0	0	1	1	1	2	6	6	10	3	0	0	16	14	0	2	0	1	1	4	10	11	1		
CHANNEL ISLANDS																																										
Channel Islands																																										
Guernsey	107	3	1014.3	—	10.8	0.5	12.2	93	5.6	1	7	2	9	11	0	0	1	2	0	2	1	4	6	9	5	0	0	20	10	0	2	1	1	1	2	8	12	3		
Airport		9	1014.7	—	12.3	0.9	12.8	89	6.6	0	3	2	15	10	0	0	1	0	1	1	1	6	7	9	4	0	0	25	5	0	3	2	1	1	5	7	8	3		
		15	1014.8	—	13.7	1.5	12.9	83	5.5	0	8	3	10	9	0	0	1	1	2	1	0	3	8	11	3	0	3	20	7	0	1	2	0	0	3	8	13	3		
		21	1015.0	—	11.7	0.6	12.7	92	5.9	0	6	3	12	9	0	0	3	1	0	0	1	5	5	10	5	0	0	26	4	0	0	0	1	0	4	12	11	2		
Jersey Airport	94	3	1014.5	—	11.3	0.7	12.3	91	5.9	0	6	1	15	8	0	0	1	0	1	0	3	3	8	10	4	0	0	20	10	0	1	2	0	2	4	5	11	5		
		9	1015.0	-3.1	13.0	1.2	12.9	86	6.5	0	4	1	16	9	0	0	0	0	0	1	3	3	7	15	1	0	1	22	7	0	3	2	1	2	3	6	10	3		
		15	1015.2	—	14.3	2.1	12.7	77	5.6	0	7	3	13	7	0	0	1	0	0	0	2	3	3	18	3	0	1	22	7	0	1	1	1	1	3	2	17	4		
		21	1015.4	—	12.1	0.9	12.7	89	5.8	0	7	3	12	8	0	0	1	1	0	1	3	1	4	15	4	0	0	22	8	0	1	0	1	0	6	4	17	1		
NORTHERN IRELAND																																										
Antrim																																										
Aldergrove	73	3	1009.4	—	8.7	0.8	10.2	89	5.6	0	6	5	13	6	0	0	0	0	0	0	0	3	6	13	8	0	0	5	25	0	2	2	6	2	7	2	5	4		
		9	1009.3	-6.3	11.7	1.8	10.9	79	6.7	0	1	4	16	9	0	0	0	0	0	0	1	3	7	12	7	0	0	7	23	0	5	1	1	4	7	2	4	6		
		15	1008.9	—	14.1	3.1	10.8	67	6.3	0	0	7	18	5	0	0	0	0	0	0	0	2	8	9	11	0	1	14	15	0	4	1	2	4	4	4	6	5		
		21	1009.3	—	11.1	1.7	10.6	79	5.6	0	5	6	16	3	0	0	0	0	0	0	0	2	7	10	11	0	0	6	24	0	7	0	4	4	4	1	5	5		
Londonderry																																										
Carmoney	73	9	—	—	11.2	1.5	11.1	82	6.8	0	1	3	12	14	0	0	0	0	0	0	0	0	1	29	0	0	0	0	7	23	0	7	2	1	1	6	4	4	5	
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Down																																										
Long Kesh	39	3	1009.6	—	8.5	0.5	10.5	94	5.9	1	4	4	10	10	1	0	0	0	1	1	0	1	9	17	1	0	0	3	24	3	0	3	4	2	0	4	10	4		
		9	1009.4	—	12.2	1.7	11.5	80	7.0	0	0	4	15	11	0	0	0	0	0	0	0	3	9	15	3	0	0	3	27	0	3	1	4	3	5	4	5	5		
		15	1009.1	—	14.4	3.0	11.1	68	6.6	0	0	4	20	6	0	0	0	0	0	0	0	2	2	18	8	0	0	10	19	1	4	2	2	3	4	4	3	7		
		21	1009.4	—	11.6	1.6	11.2	81	5.6	0	5	6	15	4	0	0	0	0	0	0	0	3	4	20	3	0	0	1	28	1	2	2	5	3	4	3	4	6		
Tyrone																																										
Carrigans	113	9	1009.1	—	11.7	1.4	11.5	84	6.5	0	0	7	12	11	0	0	0	0	0	0	0	5	12	12	1	0	0	5	24	1	6	0	1	7	3	3	6	3		
		21	1009.2	—	11.3	1.4	11.2	82	5.5	0	3	9	15	3	0	0	0	0	0	1	0	4	7	18	0	0	0	2	27	1	9	1	1	6	3	1	5	3		
Fermanagh																																										
Corgary	144	9	1009.3	—	11.2	1.5	10.9	81	6.9	0	0	1	19	10	0	0	0	0	0	0	0	0	7	10	10	3	0	0	14	12	4	3	1	3	5	4	0	8	2		

Table 5 Number of days with max. and min. temperatures between given limits — June 1991

Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	0	9	21	0	0	0	0	0	0	0	0	9	21	0	0
Kirkwall	0	0	4	24	2	0	0	0	0	0	0	0	7	23	0	0
Stornoway	0	0	4	23	3	0	0	0	0	0	0	0	8	18	4	0
Braemar	0	0	2	19	9	0	0	0	0	0	0	2	8	18	2	0
Craibstone	0	0	2	20	8	0	0	0	0	0	0	0	6	20	4	0
Dunstaffnage	0	0	0	15	15	0	0	0	0	0	0	0	4	22	4	0
Abbotsinch	0	0	0	9	20	1	0	0	0	0	0	0	7	19	4	0
Rothesay	0	0	0	13	17	0	0	0	0	0	0	0	2	26	2	0
Eskdalemuir	0	0	1	21	8	0	0	0	0	0	0	2	12	13	3	0
Boulmer	0	0	1	18	11	0	0	0	0	0	0	0	6	18	6	0
Leeming	0	0	0	13	15	2	0	0	0	0	0	0	6	17	7	0
Hull	0	0	0	9	18	3	0	0	0	0	0	0	3	18	9	0
Cranwell	0	0	0	10	17	3	0	0	0	0	0	1	4	18	7	0
Cambridge N I A B	0	0	0	10	17	3	0	0	0	0	0	0	3	15	12	0
Lowestoft	0	0	0	6	20	4	0	0	0	0	0	0	3	14	13	0
Shawbury	0	0	0	11	17	2	0	0	0	0	0	1	5	17	7	0
Elmdon	0	0	0	12	16	2	0	0	0	0	0	1	3	18	8	0
Heathrow	0	0	0	2	24	4	0	0	0	0	0	0	2	13	15	0
Southampton	0	0	0	5	23	2	0	0	0	0	0	0	1	13	16	0
Hastings	0	0	0	18	12	0	0	0	0	0	0	0	1	12	17	0
Douglas	0	0	0	24	6	0	0	0	0	0	0	0	1	20	9	0
Ringway	0	0	0	14	16	0	0	0	0	0	0	0	6	17	7	0
Valley	0	0	0	14	16	0	0	0	0	0	0	0	4	12	14	0
Aberporth	0	0	0	21	9	0	0	0	0	0	0	0	1	19	10	0
Rhoose	0	0	0	11	19	0	0	0	0	0	0	0	3	15	12	0
Falmouth	0	0	0	11	19	0	0	0	0	0	0	0	0	14	16	0
Aldergrove	0	0	0	15	15	0	0	0	0	0	0	0	5	21	4	0
Armagh	0	0	0	11	19	0	0	0	0	0	0	0	4	22	4	0

Table 6 Summary of autographic records of wind

District / Region/County and Place	Height of vane in metres			Distribution of hourly mean values of wind speed							Highest values					
				34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn		Hourly wind			Gust		
	Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Mean hourly wind speed (kn)	Veer from N	Speed kn	Day Hour beginning	Veer from N	Speed kn	Day Time
0 SCOTLAND N																	
Shetland Fair Isle	71	10	10		0	1	9	262	369	80	0	9.1	110	29	9 12	100	53	9 0836
Lerwick	93	10	10		0	2	10	261	384	65	0	9.4	090	25	9 15	070	36	9 1600
Sella Ness	16	10			0	3	16	386	267	51	0	10.8	090	24	9 17	110	33	9 1436
Sumburgh	35	10	10		0	1	12	301	342	65	0	9.8	100	28	9 14	100	40	9 1500
Orkney Kirkwall Airport	41	15	10		0	1	10	287	354	69	0	9.7	100	27	9 08	110	42	9 0730
Western Isles Benbecula	16	10	10		0	2	6	309	348	57	0	10.0	340	24	10 09	340	34	10 0930
Butt Of Lewis	43	10	10		0	4	14	344	308	53	1	10.6	320	24	10 13	320	36	10 1342
Stornoway	12	10	10		0	0	0	130	437	153	0	7.0	310	18	10 13	010	30	3 1136
Highland Aviemore	250	10	10		0	0	0	30	390	300	0	4.8	200	16	11 17	180	29	11 1312
Dalcross	20	10	10		0	0	0	67	474	179	0	6.1	270	15	10 17	010	26	3 1018
Duirinish	38	20	17		0	0	0	44	404	259	13	5.4	300	21	10 13	310	32	10 1412
Invergordon Harbour	19	16	06		0	0	0	59	441	218	2	5.9	090	20	9 03	310	31	10 1948
Shin	24	10	10		0	0	0	44	337	339	0	4.7	280	15	10 19	290	30	10 1854
Wick	45	10	10		0	2	11	261	361	84	3	9.1	080	25	9 05	090	36	9 0718
1 SCOTLAND E																	
Grampian Aberdeen, Dyce Airport	68	10	10		0	0	0	140	404	176	0	7.0	290	19	10 18	340	32	3 1330
Cairngorm	1075	10	10	8	1	5	31	295	301	92	0	10.1	150	34	8 21	140	48	9 0006
Kinloss	18	13	13		0	0	0	117	419	184	0	6.6	300	20	10 16	290	29	10 1730
Lossiemouth	17	10	10		0	0	0	126	406	188	0	6.5	300	19	10 17	300	31	10 1654
Peterhead Harbour	34	30	15		0	1	4	189	453	74	0	8.0	130	24	9 02	120	35	9 0254
Tayside Mylnefield	40	10	10		0	0	0	40	431	249	0	5.5	040	14	2 11	200	27	12 1212
Tummel Bridge	161	16	16		0	0	0	18	358	344	0	4.3	290	13	10 18	290	27	10 1830
Perth Aerodrome	118	10	10	Defective record														
Rannoch	307	17	17	Defective record														
Fife Leuchars	25	13	13		0	0	0	126	422	172	0	6.7	130	20	8 23	270	31	10 1612
Lothian Edinburgh Turnhouse Airport	43	13	10		0	0	0	112	418	190	0	6.6	260	19	10 16	220	40	12 1642
Royal Observatory, Blackford Hill	159	10	10		0	1	4	239	357	82	38	9.2	200	25	12 19	200	42	12 1930
Forth Road Bridge	72		72		0	5	26	267	329	98	0	10.0	260	32	10 17	210	45	12 1806
Leith	15	09			0	5	27	277	307	93	16	10.3	040	29	2 13	220	40	12 1830
Borders Charter Hall	112		10		0	1	3	151	439	124	3	7.5	230	27	12 20	210	45	12 2012
6 SCOTLAND W																	
Strathclyde Abbotsinch Airport	16	10	10		0	0	0	129	384	207	0	6.6	210	19	12 16	270	30	10 1442
Blairinnans	145	13	12		0	0	0	105	445	169	1	6.9	280	16	10 20	290	28	10 2006
Dunstaffnage	13	10	10		0	0	0	99	412	209	0	6.3	300	21	10 14	290	32	10 1330
Greenock Port	51	49			0	5	10	304	294	112	0	9.6	290	29	10 15	290	41	10 1506
Inchterf	55	15	12		0	0	0	82	356	282	0	5.5	270	20	10 15	230	34	12 1642
Lowther Hill	754	27																
Machrihanish	10	10	10		0	5	16	273	353	78	0	9.7	230	31	12 16	210	47	12 1618
Prestwick Airport	21	10	10		0	1	2	167	391	160	0	7.6	210	24	12 17	210	42	12 1730
Salsburgh	275	15	11		0	5	20	340	325	35	0	10.7	220	29	12 16	210	44	12 1806
Tiree	21	11	10		0	5	27	384	292	17	0	11.8	120	29	8 21	120	41	8 2118
Dumfries & Galloway Chapelcross	64	15	15		0	1	2	152	423	143	0	7.2	240	23	12 14	250	47	12 1730
Dumfries, Drungans	28	13	10		0	0	0	16	325	376	3	4.2	210	15	12 19	200	36	12 1618
Eskdalemuir	259	10	10		0	0	0	111	391	218	0	6.4	200	19	12 14	200	38	12 1436
West Freugh	24	10	10		0	2	13	288	297	122	0	9.3	180	27	12 12	230	41	12 1518
Whithorn	40	15			0	4	21	334	296	69	0	10.5	190	29	12 13	190	47	12 1312

Table 6 Summary of autographic records of wind

District / Region/County and Place	Height of vane in metres			Distribution of hourly mean values of wind speed									Highest values						
				34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust			
	Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time	
2 ENGLAND E & N E																			
Northumberland	Blyth	19	10	10		0	2	11	253	360	78	18	9.3	230	27	12 14	250	42	12 2248
	Boulmer	33	10	10		0	2	3	203	396	118	0	8.0	210	22	12 18	210	41	12 1824
Tyne & Wear	South Shields	22	17	13		0	0	0	17	92	548	63	2.1	350	16	2 21	260	31	13 2054
Durham	Burnhope	244	10	10		0	1	1	178	415	110	16	7.7	270	22	13 16	250	43	12 1636
Cleveland	Hartlepool	15	10	10		0	3	9	300	354	36	21	10.4	250	25	12 20	240	43	12 2036
North Yorkshire	Church Fenton	18	10	10		0	0	0	134	378	208	0	6.8	260	21	13 16	210	37	9 1718
	Fylingdales	242	10	10		0	2	8	348	288	76	0	10.3	260	25	12 15	270	42	12 1618
	Leeming	42	10	10		0	2	3	190	359	168	0	7.5	210	22	12 14	210	36	12 1824
	Linton-on-Ouse	24	10	10		0	0	0	174	383	163	0	7.2	260	19	13 14	260	36	13 1418
Humberside	Bridlington MRSC	31	16	18															
	Spurn Point	17	10	10		0	5	15	339	288	59	19	10.7	280	25	10 18	340	39	2 2206
Lincolnshire	Coningsby	16	10	10		0	1	1	238	383	98	0	8.6	220	22	12 14	280	34	10 1706
	Cranwell	68	13	13		0	2	4	254	340	103	19	9.0	210	24	12 13	230	36	13 0942
	Scampton	68	10	10		0	1	1	246	403	70	0	8.8	220	22	12 14	270	33	10 1606
	Waddington	80	10	10		0	0	0	243	408	69	0	8.8	240	21	13 10	210	35	12 1248
3 EAST ANGLIA																			
Norfolk	Coltishall	27	10	10		0	0	0	236	379	105	0	8.4	240	19	13 11	270	37	10 1042
	Gorleston	16	13	13	Defective record														
	Hemsby	26	13	13		0	1	3	329	338	50	0	10.1	320	27	3 05	240	41	12 1624
	Marham	29	10	10		0	2	4	275	358	83	0	9.2	250	24	13 12	230	43	13 1030
Cambridgeshire	Wittering	87	10	10		0	1	2	274	361	80	3	9.3	260	25	13 12	210	38	13 0112
	Wyton	45	10	10		0	0	0	235	401	84	0	8.5	250	19	12 15	230	36	12 1424
Suffolk	Honington	60	13	13		0	0	0	228	417	75	0	8.5	230	19	13 12	230	43	13 1254
	Wattisham	105	16	10		0	1	3	257	410	50	0	9.2	240	22	13 13	240	40	13 1342
Bedfordshire	Bedford	93	12	10		0	0	0	275	382	63	0	9.4	230	21	12 14	210	41	12 1400
Essex	Shoeburyness	12	10	10		0	0	0	258	391	71	0	8.8	220	19	9 14	220	33	9 1448
	Stansted	108	10	10		0	4	6	262	382	70	0	9.4	230	23	9 15	290	36	10 1430
	Walton On Naze	10	10	10		0	2	2	349	316	53	0	10.3	250	22	13 14	250	34	13 1524
4 MIDLAND COUNTIES																			
West Yorkshire	Leeds Weather Centre	43	10	10		0	2	15	167	451	87	0	8.3	280	25	13 14	280	47	12 1948
	Wilsden	272	10	10		0	0	0	238	381	101	0	8.5	270	21	10 16	220	37	12 1924
South Yorkshire	Finningley	19	10	10		0	1	1	188	393	138	0	7.9	280	22	10 17	250	38	12 1830
	High Bradfield	405	10	10	Defective record														
	Sheffield University	146	29	15		0	0	0	175	429	116	0	7.7	230	16	12 09	230	39	12 0948
Nottinghamshire	Nottingham Weather Centre	133	16	10		0	0	0	142	468	110	0	7.3	230	18	12 14	200	36	9 1112
Staffordshire	Cellarhead	241	13	8		0	0	0	107	466	145	2	7.0	300	18	10 15	230	33	12 1242
	Keele	162	10	10		0	1	1	205	408	106	0	8.4	260	22	12 14	250	38	12 1454
Shropshire	Shawbury	84	12	10		0	0	0	187	422	111	0	8.0	210	21	9 12	180	33	11 1412
West Midlands	Birmingham Elmdon Airport	108	10	10		0	0	0	166	482	70	2	8.2	220	20	11 16	310	33	10 1454
Hereford & Worcs	Preston Wynne	97	13	13		0	0	0	85	437	195	3	6.1	200	18	9 13	210	35	9 1348
Oxfordshire	Benson	67	10	10		0	0	0	172	413	135	0	7.5	220	19	12 13	200	34	12 1330
	Brize Norton	91	13	10		0	0	0	188	443	89	0	8.1	290	18	10 14	290	34	10 1430
	Oxford	113	50	22	Defective record														
5 ENGLAND S E & CENTRAL																			
Greater London	Heathrow Airport	34	10	10		0	0	0	129	468	123	0	7.2	210	19	12 13	190	33	12 1348
	London Weather Centre	93	70	38		0	2	5	357	335	23	0	10.5	220	24	9 16	260	38	13 1254
	Northolt	49	15	12		0	0	0	162	420	138	0	7.4	220	18	9 15	250	36	13 1536
Wiltshire	Boscombe Down	130	17	17		0	2	8	280	372	60	0	9.5	230	27	9 14	240	37	9 1536
	Larkhill	155	10	10		0	0	0	201	447	72	0	8.2	260	20	13 14	190	32	11 1848
	Lyneham	156	10	10		0	1	1	213	454	52	0	8.6	260	22	13 13	200	35	9 1106
Kent	East Malling	33	12	10		0	0	0	55	392	273	0	5.1	210	16	12 14	210	35	9 1348
	Gravesend	25	20			0	0	0	157	482	81	0	7.9	290	20	15 17	280	35	10 1354
	Langdon Bay	117	12	12		0	3	16	383	284	36	1	11.5	230	26	23 20	230	42	13 1206
	Lydd Ranges	1	10	10	Defective record														
	Manston	62	10	10		0	0	0	230	401	89	0	8.5	210	21	9 15	210	36	13 1336
	Sheerness	50	44	10		0	11	96	368	228	27	1	13.8	220	31	12 15	240	44	13 1518
Hampshire	Farnborough	75	10	10		0	0	0	164	447	109	0	7.7	220	18	12 13	210	35	13 0836
	Middle Wallop	94	10	10		0	0	0	233	409	78	0	8.5	220	19	9 14	240	34	27 0006
West Sussex	Gatwick Airport	69	13	13		0	0	0	104	498	118	0	7.0	220	16	12 13	220	31	12 1348
	Shoreham-by-Sea	21	11	15	Defective record														
East Sussex	Herstmonceux	27	10	10		0	3	11	247	314	148	0	9.1	250	25	13 13	260	41	13 1312
7A ENGLAND N W & I O M																			
Cumbria	Carlisle	41	15	9		0	1	8	148	371	193	0	7.0	220	26	12 15	220	48	12 1500
	Eskmeals	24	16	10		0	1	3	287	285	145	0	9.0	200	25	12 13	220	42	12 1954
	Great Dun Fell	857	10	10	9-14	52	17	193	290	149	6	30	18.6	220	49	12 14	220	63	12 1900
	Sellafield	22	10	10		0	2	4	277	303	136	0	8.9		24	12 13		37	12 1330
Lancashire	Aughton	68	14	10		0	1	1	192	399	128	0	7.9	210	23	12 13	210	41	12 1312
	Fleetwood	34	15	9	Defective record														
	Squires Gate Airport	22	12	11		0	5	38	356	277	49	0	11.2	240	26	12 18	230	40	12 1830
Merseyside	Aigburth	38	23	11		0	0	0	168	480	72	0	8.3	200	21	12 12	200	33	12 1436
Greater Manchester	Manchester Ringway Airport	80	10	10		0	0	0	152	435	133	0	7.4	210	21	12 12	190	33	12 1218
Isle Of Man	Point-of-Ayre	20	10	10		0	5	24	361	291	40	4	11.3	200	28	12 12	220	44	12 1330
	Ronaldsway	25	10	10		0	4	14	337	294	75	0	10.2	200	28	12 12	200	40	12 1224

Table 6 Summary of autographic records of wind

June 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values					
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust		
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time
7B WALES N																			
Gwynedd	Trawsfynydd	192	10	10		0	2	3	86	404	227	0	6 1	230	23	12 12	230	43	12 1230
	Valley	26	16	12		0	4	40	299	270	111	0	10 5	200	29	12 12	180	40	11 1230
8A WALES SOUTH																			
Dyfed	Aberporth	144	10	10		0	12	77	411	185	47	0	13 2	160	30	8 17	230	48	12 1230
	Brawdy	121	10	10		0	2	7	396	287	30	0	11 2	230	26	12 12	230	39	12 1206
	Milford Haven	50	13	10		0	4	31	333	286	70	0	10 8	220	27	12 12	200	41	11 1242
Mid Glamorgan	Cilfynydd	210	16	16		0	2	2	172	392	154	0	7 6	260	22	12 13	250	42	12 1342
South Glamorgan	Rhoose Airport	74	10	10		0	3	14	282	376	47	1	9 8	240	23	12 14	250	38	12 1624
8B ENGLAND S W																			
Avon	Avonmouth	28	19	10		0	6	55	355	278	32	0	12 2	240	32	12 14	230	41	12 1142
	Bristol Weather Centre	55	44	13	Defective record														
	Oldbury-on-Severn	19	9			0	0	0	122	411	166	21	7 0	250	20	12 15	250	33	12 1536
Somerset	Hinkley Point	30	10	10		0	1	1	271	377	71	0	9 3	280	22	10 14	290	36	10 1242
	Yeovilton	34	12	10		0	1	1	210	367	142	0	8 0	220	22	11 18	220	36	11 1842
Dorset	Hurn Airport	23	13	11		0	2	2	262	361	95	0	9 0	230	22	12 15	210	37	9 1530
	Portland Bill C G	60	13	13		0	13	100	459	145	16	0	14 5	270	27	26 22	270	51	26 2218
Devon	Burrington	211	10	10		0	5	25	309	315	35	36	10 8	250	28	12 14	250	44	12 1036
	Chivenor	16	10	10		0	4	27	308	297	82	6	10 4	240	27	12 13	230	38	12 1012
	Exeter	35	10	10															
Cornwall	Camborne	98	10	10		0	8	38	433	209	40	0	12 6	230	26	9 12	250	44	12 1536
	Culdrose	104	23	20		0	9	56	395	215	54	0	12 5	210	30	23 10	280	46	26 1936
	Gwennap Head	76	10			0	12	75	470	158	17	0	14 4	200	31	23 10		49	26 1906
	St Mawgan	120	13	13		0	4	23	384	282	31	0	11 6	230	27	12 13	240	40	12 1430
CHANNEL ISLANDS																			
	Guernsey Airport	116	12	12		0	4	11	519	190	0	0	13 0	250	25	9 15	250	44	26 2242
	Jersey Airport	94	12	10		0	1	5	504	200	11	0	12 4	290	24	27 05	270	39	27 0254
NORTHERN IRELAND																			
Londonderry	Ballykelly	12		10															
	Coleraine University	30	10	10	Defective record														
Antrim	Aldergrove	80	10	10		0	1	6	197	444	83	0	8 4	250	27	12 13	240	45	12 1306
	Ballypatrick Forest	165	13	13		0	0	0	179	394	107	40	7 9	300	18	10 13	240	45	12 1618
	Belfast Harbour	21	18	18															
Down	Kilkeel	36	19	14		0	7	33	311	285	90	1	10 6	130	33	12 11	180	51	12 1324
	Killough	31	15	15	Defective record														
	Long Kesh	47	10	10		0	0	0	110	452	158	0	6 8	270	21	12 13	270	43	12 1318
	Orlock Head	51	16	12	12	2	9	39	365	259	44	11	11 8	240	40	12 16	230	65	12 1612
Tyrone	Carrigans	129	10	10		0	1	1	142	440	106	31	7 8	240	24	12 13	220	45	12 1248
Fermanagh	Castle Archdale Forest	79	13	13		0	0	0	106	413	133	68	6 7	240	20	12 14	240	46	12 1436

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
	Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation												
	Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min below 0 deg C	Concrete min below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
1990 Nov Dingwall																	0		0	0	0					0			
Lairg																	0		0	0	0					0			
Lochranza	–	–	–		–	–	–	–			–		–	–	–	–							–						
Machrihanish	–	–	–		–	–	–	–															–						
Falkirk																	0		0	0	0					0			
Batchley Farm	8.2	3.4	5.8		14.1	13	-2.3	23	8.3		45		12	19	16	9	1	0	0	0	0	2	10			0			
Llangenny		3.7																											
1991 Mar Scalpay	–	–	–														0	0	0	0	0					0			
Dingwall																	0		0	0	0					0			
Duartmore Bridge																			0	0	0					0			
Fort Augustus																	0		0	0	0								
Lairg																			0	0	0					0			
Waterstein						1																							
Lossiemouth											–		–	–	–	–													
Montrose		–	–																										
Edinburgh: Royal Observatory																													
Blackford Hill																	0		0	0	0					0			
Abington	–	–	–														0		0	0	0					0			
Ardentinny	10.0		6.5							5.4																			
Benmore (Younger Botanic	9.8		6.5																										
Glasgow: Springburn Park											–																		
Hunterston		4.8																											
Rothesay																	0					2							
Mugdock Park	9.4		6.1																										
Dumfries	10.2		6.8																										
Glenlee	10.6																												
Penwhirn		–	–																										
Brooksby Hall	11.3	4.0	7.7		17.5	13	-2.5	30	6.9		28		4	7	14	9	0	0	0	0	0	1	5	12		0	2.53		
Batchley Farm	9.8	4.0	6.9		15.9	13	-0.1	1	6.4		93		18	6	16	13	1	0	0	0	0		1	7		0			
Merrist Wood	12.0	4.3	8.1		12.0	13	-2.5	30			34		9	6	9	8	0	0	0	0	0		7	11		0	3.05		
Hadlow College																													S
Slapton																													
Guernsey, L'Ancresse	11.7	5.8	8.7		15.5	20	-1.7	2			73		13	16	17	15	0		0	0	0		2			0	4.24		
Coleraine University	10.6		7.3																										
Lough Fea W wks											160																		
Moyola Waterworks	10.0																												
Aldergrove Airport									6.6																				
Carnlough											98					15													
Parkmore Forest															23														
Stormont Castle											97	146			17	15													
Bryansford									7.0																				
Hillsborough		4.6																											
Armagh										7.0																			
Tandragee, Ballylisk											95		13	18	20	14													
Cookstown											105	149	19	18	20														
Fivemiletown															18														
Lough Bradan W wks											164	169			20	19													
Strabane Glen Road															20														
Castle Archdale Forest		4.0	7.2								117				21	17													

Correction

April 1991, **Temperature**

The maximum and minimum temperatures at Tummel Bridge on the 14th were 16.5 deg C and **-4.2 deg C** respectively.

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THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 1000 U.D.C. 551 506 1 (41-4)

JULY 1991

VOLUME 108 NUMBER 7

METEOROLOGICAL OFFICE 16 MAR 1992 LIBRARY

Changeable; very dull in the south-west, sunny in the east; generally warm

A shallow area of low pressure lay across the British Isles on the 1st. While a ridge of high pressure covered Scotland and northern England during the 3rd, southern areas were still affected by frontal activity, but later the front weakened. During the 4th an anticyclone covered all parts of the United Kingdom. Later on the 5th a complex low-pressure area began to push northwards from France. During the 6th as the area of instability moved northwards and westwards, the depression circled back to be centred over the South-west Approaches during the 7th. On the 8th fronts moved north-eastwards across England and Wales, but low pressure moved away during the 9th and pressure rose to the south. On the 10th pressure was high over the Low Countries and low over the eastern North Atlantic, with all parts of Great Britain in a southerly airstream. Between the 11th and 16th a succession of frontal troughs crossed all areas, interrupted on the 14th by a transient ridge of high pressure; all areas remained in an unstable westerly airstream. Further troughs affected southern areas early on the 16th, but later in the afternoon pressure rose everywhere. On the 18th fronts associated with a depression moving rapidly eastwards crossed all areas. Early on the 20th the depression filled as a ridge of high pressure extended north-eastwards across southern areas. Overnight on the 20th/21st a series of weak fronts moved across Great Britain, after which an anticyclone became established temporarily over the British Isles. A fresh series of frontal troughs associated with an Atlantic depression moved across all areas during the 23rd. The depression crossed Scotland and northern England on the 24th. On the 25th, pressure began to rise again and continued to rise slowly over the next 24 hours. Nevertheless a low pressure area over France was working its way slowly northwards, affecting south-western areas later on the 29th and moving north-eastwards on the 30th and 31st.

Weather

The weather was changeable, with showers, sometimes accompanied by thunder, and longer periods of rain. Heavy rain fell in parts of Scotland, Northern Ireland and northern England on the 1st. During the afternoon of the 2nd rain spread across Kent and Sussex, where thunder was reported, later spreading across south-eastern England, East Anglia and the Midlands; thunderstorms occurred over North Wales and north-west England, with heavy showers, some of hail. Thunderstorms, some severe with hail, moved northwards over southern England late on the 5th, and crossed parts of Wales and the Midlands during the night; further thunderstorms occurred over Wales and north-west England early on the 6th and again widely on the 7th. Lightning caused structural damage in North Wales and Scotland on the 8th. Thundery outbreaks over south-west England on the 23rd became widespread by the evening, with the south-east being worst affected. The main thundery activity moved to East Anglia and eastern England on the 24th. Further heavy rain fell over parts of south-east England and the Midlands on the 30th.

Wind

July was a generally quiet month. The highest gusts recorded by low-level anemographs were 51 kn at Culdrose, Cornwall on the 7th and 50 kn at Portland Bill, Dorset on the 5th and Inchterf, Strathclyde Region on the 25th, and at high level, 60 kn at Great Dun Fell, Cumbria on the 5th. Directions were mainly south-westerly.

Temperature

Mean monthly temperatures were above normal nearly everywhere, ranging from more than 3 °C above normal in the western Highlands to nearly 1 °C below normal in the Isles of Scilly. Scotland had one of the warmest Julys on record.

The temperature reached 27 °C in many inland spots and also on the coasts of south and north-west England and along the Welsh coast on the 4th and 5th, with 30 °C at both Southampton and Kinlochewe, Highland Region on the 4th. Temperatures remained high, especially in Scotland, until the 7th, but the next hot day was the 11th with 29 °C or 30 °C over much of East Anglia and eastern England. The highest temperature during the month was 32.1 °C at Cromer, Norfolk on the 11th and the lowest was 4.1 °C at Glenlee, Dumfries & Galloway on the 17th.

Rainfall

Monthly rainfall totals were above normal in northern Scotland, Shetland and Orkney, the Forth-Clyde Valley, and England and Wales south of a line from Anglesey to Essex, and below normal elsewhere, and ranged from 280% in the Isles of Scilly to as little as 26% in Lincolnshire.

Heavy rain came to Wales and southern England during the night of the 17th/18th with 49 mm measured at Penmaen, 42 mm at Mumbles and 41 mm at Swansea, all in West Glamorgan. Further heavy rain fell across parts of southern England and the Midlands on the 30th, with 50 mm at Elmdon, West Midlands, whereas in contrast Nottingham had only 1 mm, an example of how localised the rainfall was. The highest daily rainfall recorded was 107 mm at St Mary's, Isles of Scilly on the 5th; other heavy falls included 53 mm at Crathstone, Grampian on the 22nd, and at Coventry (Bablake), Warwickshire on the 30th.

Sunshine

Monthly sunshine amounts were above average over westernmost areas of Scotland and the whole of England apart from the south-west peninsula, and below average elsewhere, ranging from 138% at Cromer, Norfolk to just over 50% in west Cornwall.

Northern areas were generally sunny from the 2nd to 7th, with often unbroken sunshine in western Scotland. During the following two weeks most of the sun was in the south and east of England. The most sunshine in a day was 16.3 hours at Benbecula, Western Isles and the most in the month was 253 hours at Shanklin, Isle of Wight.

Fog

Overnight fog spread across much of East Anglia on the 3rd, and was widespread over much of England and Wales on the 4th. Patchy fog formed on the 9th in the far north of Scotland, on the 10th in southern England and on the 22nd and 25th over parts of south-east England and East Anglia. Coastal fog occurred in south-east Scotland and north-east England on the 2nd and 3rd, and over Orkney, Shetland and eastern Scotland on the 7th. On the 8th coastal fog affected north-east Scotland, where it persisted all day, and north-east England. Fog occurred frequently on hills and coasts in South Wales and southern England between the 11th and 21st. Some fog patches occurred on coasts in eastern Scotland on the 23rd, and over hills in England and Wales on the 26th.

Miscellaneous Phenomena

On the 13th a short-lived tornado caused damage to roofs and power lines at Castle Bytham, south-west Lincolnshire.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp°C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max.	Min.	Mean				
			Difference from average					% of average	
0 Scotland N	30.4	5.5	+2.2	+2.0	+2.1	+1.5	−2	86	112
1 Scotland E	26.6	6.5	+1.2	+2.1	+1.6	+1.5	0	80	89
2 England E & NE	29.4	6.0	+2.1	+1.7	+1.9	+1.1	−2	61	110
3 East Anglia	30.6	7.7	+1.7	+1.4	+1.5	+0.7	−3	77	113
4 Midland Counties	29.2	8.2	+1.7	+1.5	+1.6	+0.7	0	124	116
5 England SE & Central S	28.5	9.0	+0.5	+1.3	+0.9	+0.5	+3	153	107
6 Scotland W	26.6	5.0	+1.9	+2.0	+2.0	+1.0	−2	90	100
7 England NW & Wales N	28.7	5.3	+1.8	+1.7	+1.8	+0.7	+1	74	96
8 England SW & Wales S	28.8	8.6	+0.2	+1.4	+0.8	0.0	+4	119	84
N Ireland	25.5	6.4	+1.6	+2.2	+1.9	+0.5	−1	78	103
Scotland	30.4	5.0	+1.8	+2.0	+1.9	+1.3	−1	87	100
England & Wales	30.6	5.3	+1.3	+1.5	+1.4	+0.6	+1	100	104

* Highest maximum and lowest minimum of District Value Stations

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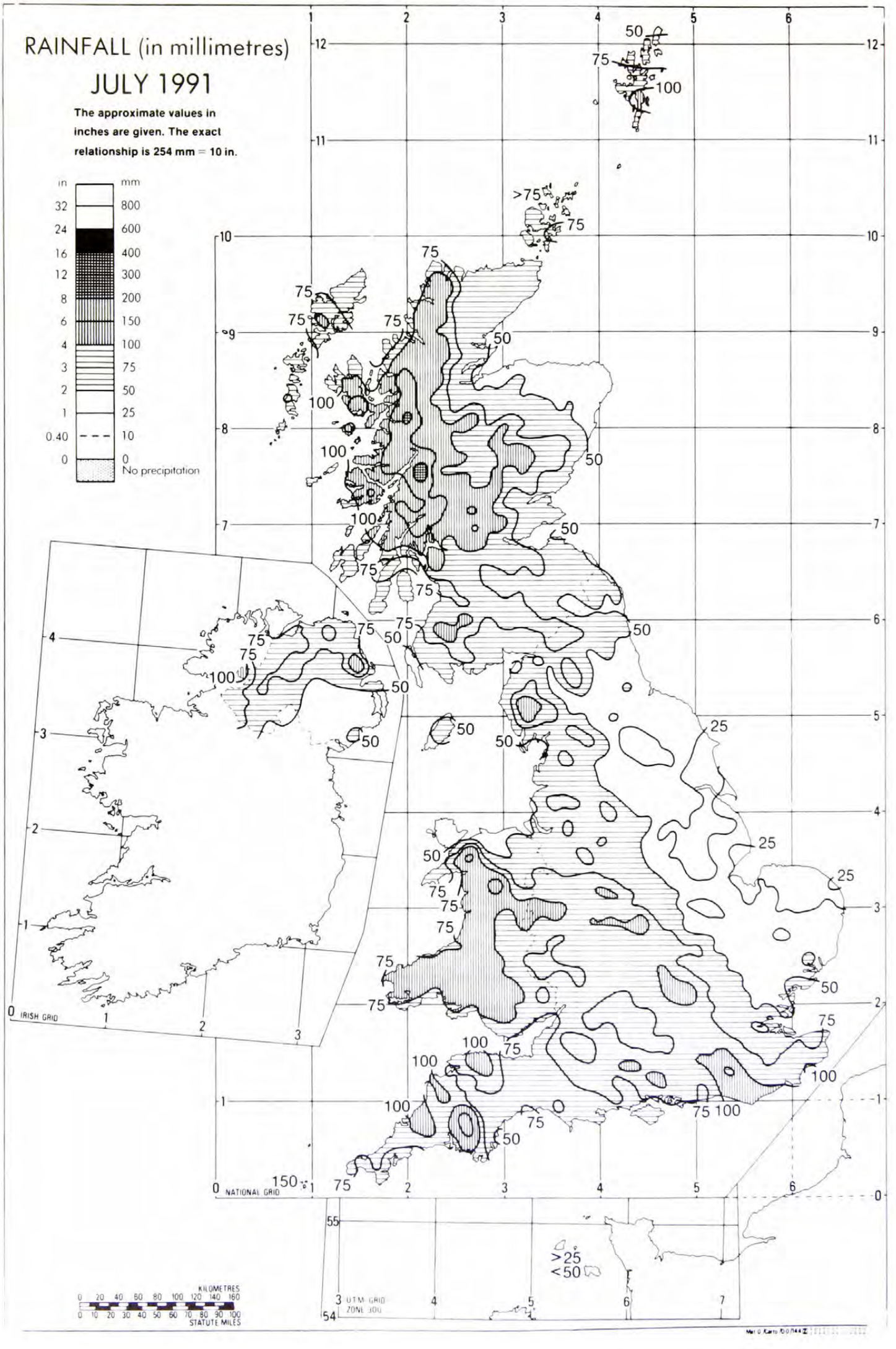
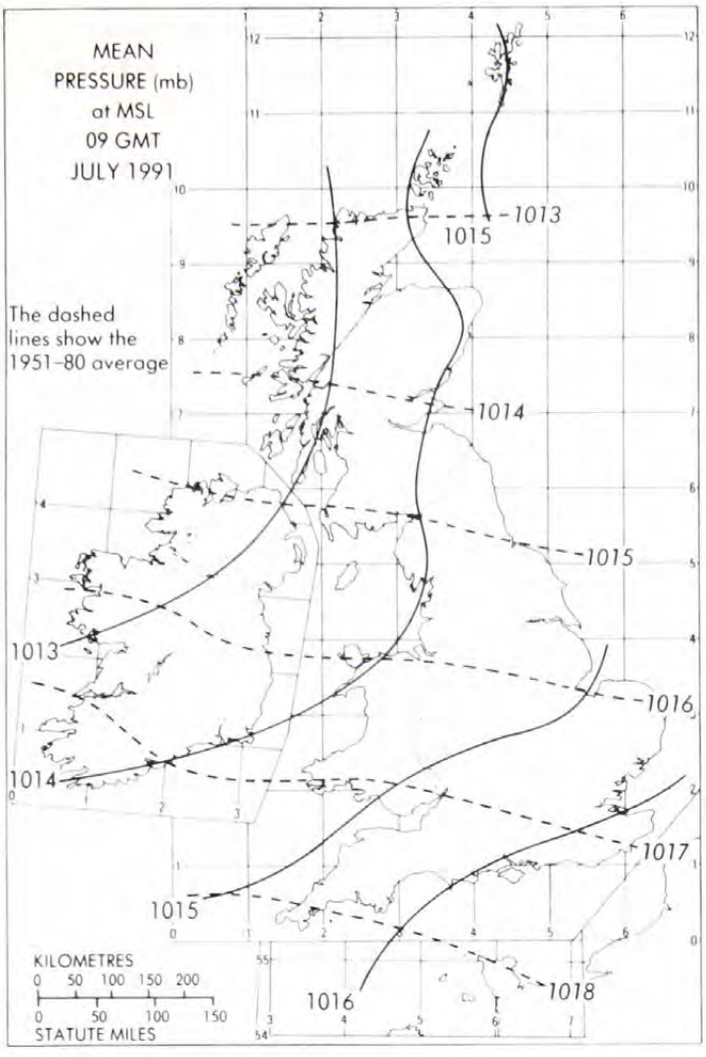
DWR RAV. (SHELF)

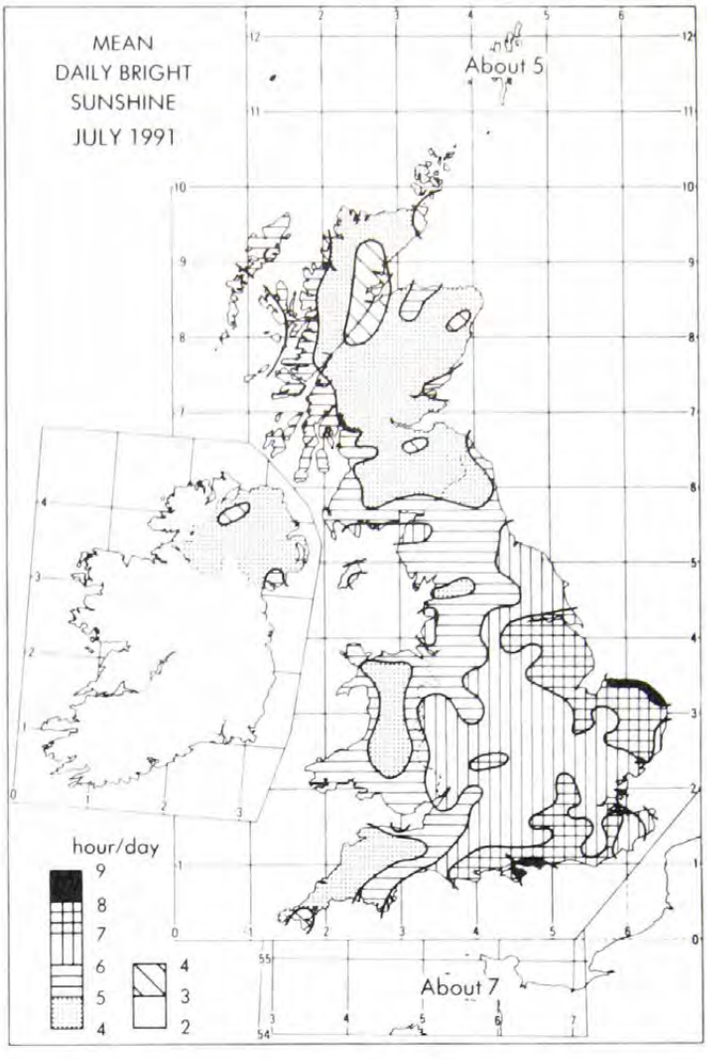
RAINFALL (in millimetres)

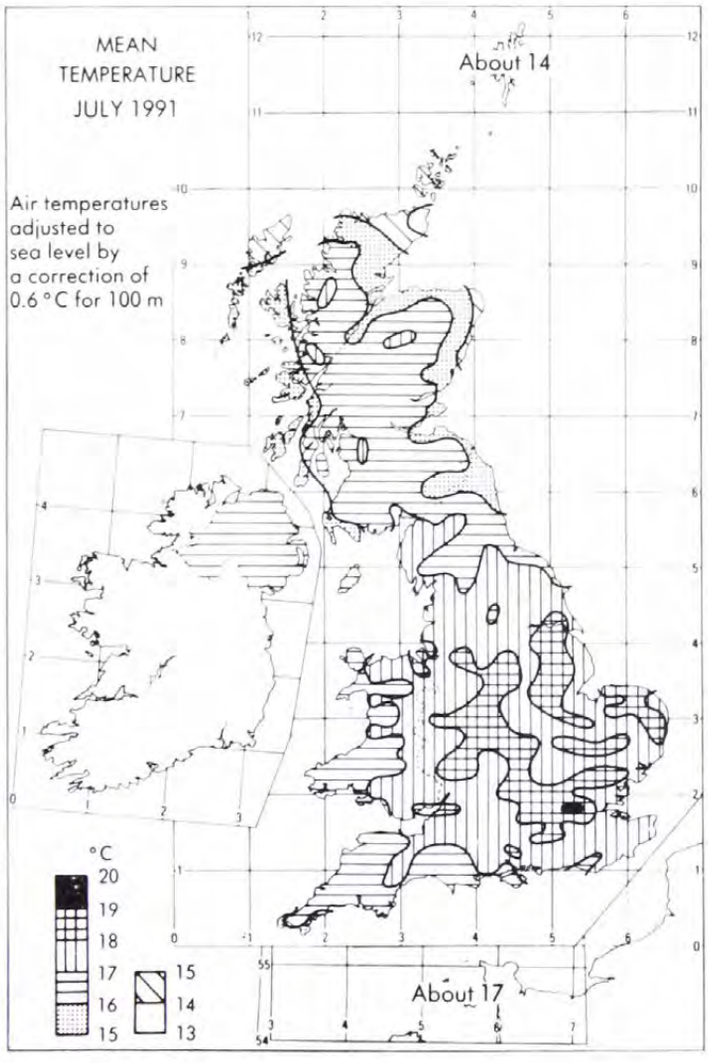
JULY 1991

The approximate values in inches are given. The exact relationship is 254 mm = 10 in.




MEAN
PRESSURE (mb)
at MSL
09 GMT
JULY 1991
The dashed lines show the 1951–80 average
1013
1015
1014
1015
1013
1016
1014
1017
1015
1016
1018
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
JULY 1991
About 5
About 7
hour/day
9
8
7
6
5
4
4
3
2


MEAN
TEMPERATURE
JULY 1991
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
About 14
About 17
°C
20
19
18
17
16
15
15
14
13

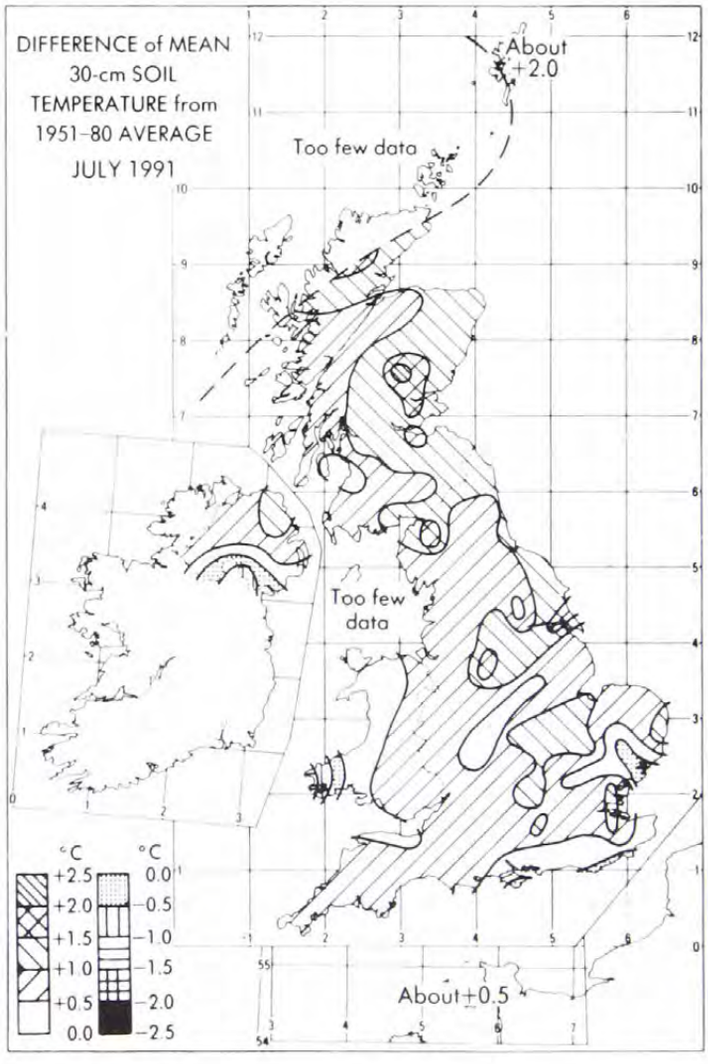

DIFFERENCE of MEAN
30-cm SOIL
TEMPERATURE from
1951–80 AVERAGE
JULY 1991
About +2.0
Too few data
Too few data
About +0.5
°C
+2.5
+2.0
+1.5
+1.0
+0.5
0.0
°C
0.0
−0.5
−1.0
−1.5
−2.0
−2.5

Table 2 Solar radiation

July 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	29.5	2	1.8	23	15.0	31	14.7	19	1.8	23	9.6	31
Stornoway	28.8	3	4.3	13	15.8	31	15.1	7	4.3	13	8.6	31
Aviemore	26.6	6	5.7	11	14.0	29	11.8	16	4.8	25	8.8	29
Aberdeen	26.3	5	5.2	11	13.8	31						
Dunstaffnage	28.3	4	4.1	13	15.8	31						
Shanwell	25.7	5	5.8	8	15.9	31	13.2	6	5.0	25	9.8	31
Auchincruive												
Eskdalemuir	24.0	4	3.9	27	13.7	31	13.0	6	3.9	27	9.2	31
Sunderland Poly	31.6	5	5.5	3	16.6	27						
Hazelrigg	28.5	5	4.9	13	15.3	27	14.3	17	4.4	31	10.1	27
Cawood	24.5	29	5.9	3	17.4	31						
Aughton	28.2	5	8.5	3	16.6	31	13.5	20	7.4	23	10.2	31
Finningley	26.1	5	7.1	3	18.1	31	13.9	7	6.7	3	10.4	31
Sutton Bonington												
Hemsby	28.0	4	7.8	18	18.8	31	13.0	22	5.5	29	10.1	31
Denver Complex	28.5	11	10.0	8	18.4	31						
Gogerddan	27.4	10	5.9	27	15.8	25						
Brooms Barn	25.4	5	7.5	24	17.4	31	13.3	22	5.8	29	9.8	31
Aberporth	26.1	6	6.6	25	16.2	27	13.2	20	5.4	25	9.8	26
Wallingford	25.7	6	4.2	30	16.7	31						
London W.C.	26.4	6	4.5	30	16.6	31	11.5	22	4.1	30	8.6	31
Easthampstead	26.4	10	4.0	30	17.7	31	12.7	2	3.9	30	9.8	29
East Malling	27.4	6	5.7	30	17.5	31	12.4	3	5.7	30	9.7	31
Crawley	27.2	10	4.1	13	17.8	31	13.3	19	4.1	13	9.3	31
Rustington	28.8	3	3.8	13	18.9	31						
Efford	27.9	3	6.8	13	18.4	31						
Camborne	26.8	28	5.6	13	14.9	28	14.5	18	5.6	13	10.3	28
Jersey	28.3	3	3.6	13	18.1	31	14.6	26	3.5	13	9.7	31
Aldergrove	26.8	5	7.5	22	15.5	31	13.3	2	7.3	22	10.4	31

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
0 SCOTLAND N																													
Shetland																													
Baltasound	24	16.4	10.8	13.6	+1.9	22.9	5	6.1	2	13.5	—	41	—	9	23	15	5	0	0	0	0	0	7	0	—	—	0	4.75	115	—
Fair Isle	57	14.7	10.7	12.7	—	20.1	5	6.6	2	12.8	11.2	56	—	14	23	14	12	0	0	0	0	3	9	0	0	—	0	5.49	—	—
Lerwick (A)	82	15.7	10.7	13.2	+1.8	23.4	5	7.1	2	13.1	—	104	155	27	31	16	11	0	0	0	0	3	7	0	0	0	0	4.32	107	—
Sumburgh (A)	7	15.9	11.2	13.5	—	22.1	5	8.0	2	—	—	—	—	—	—	—	—	0	0	0	0	3	4	0	0	0	0	—	—	—
Orkney																													
Kirkwall Airport (A)	26	16.8	11.0	13.9	+1.7	22.4	5	7.0	22	14.3	—	75	137	18	22	16	13	0	0	0	0	0	2	0	0	0	0	4.03	94	—
Rackwick	18	(18.1)	(11.9)	15.0	—	25.5	4	8.0	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	—	—
Western Isles																													
Benbecula (A)	5	18.5	12.4	15.5	+2.4	26.5	5	8.1	21	15.9	—	62	75	13	8	16	12	0	0	0	1	1	0	0	0	0	0	6.22	134	—
Scalpay	18	17.7	12.3	15.0	—	22.6	6	8.5	21	—	—	77	—	10	8	16	14	0	0	0	2	—	0	0	0	—	1	—	—	—
Stornoway (A)	15	17.3	12.3	14.8	+2.1	23.5	5	6.9	21	14.9	—	52	72	14	8	16	14	0	0	0	0	0	0	0	0	0	0	5.50	132	—
Highland																													
Aviemore (A)	229	19.9	10.9	15.4	—	28.1	4, 7	8.0	12	15.1	12.6	51	—	10	1	18	14	0	0	0	1	2	0	0	0	0	0	4.52	—	S
Cape Wrath	112	16.1	11.4	13.7	+2.2	22.7	4	8.0	3	—	—	73	84	16	16	16	14	0	0	0	0	8	0	0	0	0	0	4.83	(112)	—
Cairngorm Chairlift	663	17.2	10.0	13.6	—	25.0	7	7.2	18	10.1	—	65	—	7	18	18	15	0	0	0	0	0	6	0	—	—	2	—	—	—
Cassley	99	19.5	11.7	15.6	—	26.3	4	5.0	21	—	—	91	83	22	13	18	14	—	0	—	—	—	—	0	0	—	—	—	—	—
Dalcross (A)	11	18.6	11.5	15.1	—	22.8	28	8.4	10	—	—	40	59	9	22	12	12	0	0	0	1	2	0	0	—	0	—	—	—	—
Dalwhinnie	351	19.1	10.5	14.8	—	26.8	5	7.2	21	14.4	—	99	—	25	19	16	16	0	0	0	0	0	0	0	—	0	4.22	—	S
Diabaig	60	20.2	12.7	16.5	—	27.6	6	9.0	24	—	—	79	—	14	27	14	14	—	0	—	—	2	—	0	0	—	5.38	—	S
Dingwall	7	19.5	12.5	16.0	—	23.6	7	9.0	10	—	—	55	—	9	19	17	13	—	—	—	—	—	—	0	—	—	—	—	—	—
Duartmore Bridge	30	19.7	11.8	15.7	—	26.1	4	4.5	21	—	—	104	—	20	27	16	14	—	0	—	—	—	—	0	—	—	—	4.86	—	S
Eilanreach	8	20.6	11.8	16.2	—	28.9	4	7.1	3	—	—	133	—	32	27	18	16	0	0	0	0	0	0	0	—	0	—	—	—	—
Fort Augustus	21	18.7	12.7	15.7	+1.8	24.1	29	10.1	12	17.3	—	73	112	17	27	20	15	—	0	—	—	—	0	0	—	—	—	3.55	92	S
Fortrose	5	17.6	12.8	15.2	+1.3	22.4	28	11.4	16	—	—	42	66	7	22	13	12	0	0	0	1	1	0	0	—	—	0	—	—	—
Grantown-on-Spey	220	19.5	10.4	14.9	—	27.3	4	6.0	16	—	—	40	—	9	22	15	10	0	0	0	0	0	—	0	0	—	0	5.23	—	—
Inverailort	2	21.3	12.8	17.1	—	30.4	4	6.2	21	—	—	132	—	22	27	20	17	0	0	0	0	1	0	0	0	—	2	—	—	—
Inverness	4	19.0	12.8	15.9	+1.6	23.0	29,31	10.8	12,25	—	—	73	117	36	7	13	12	0	0	0	0	1	0	0	—	0	3.44	76	—
Invergolly	14	19.8	12.7	16.3	—	25.9	5	5.7	21	—	—	95	—	25	27	14	13	—	0	—	—	—	—	0	0	—	0	—	—	—
Isle of Rhum	5	19.9	11.8	15.9	(+2.4)	27.2	4	5.9	21	16.7	13.0	189	98	49	27	19	16	0	0	0	1	0	0	0	0	—	0	6.06	—	—
Kiltarlity	75	19.5	11.9	15.7	—	24.5	7	9.4	22	—	—	46	—	9	8	17	13	0	0	0	0	1	1	0	0	—	0	—	—	—
Kinbrace	103	—	—	—	—	—	—	—	—	—	—	53	—	9	15	17	11	—	0	—	—	—	—	—	—	—	—	4.51	—	S
Kinlochewe	25	21.0	13.0	17.0	(+3.3)	30.4	4	8.6	12	15.1	—	99	—	24	27	16	15	0	0	0	1	0	0	0	0	—	0	4.35	—	S
Knockanrock	244	(18.7)	(11.7)	15.2	—	27.0	5	7.6	21	—	—	144	—	32	13	18	16	—	0	—	—	—	—	0	0	—	—	—	—	—
Lairg	107	19.2	11.1	15.1	—	26.7	4	6.8	21	14.8	11.9	64	—	11	19	14	13	—	0	—	—	—	0	0	0	—	—	3.65	—	—
Lentran	146	19.4	11.3	15.3	—	24.6	7,29	8.7	16	12.9	—	62	—	14	8	18	15	0	0	0	2	1	0	0	—	0	—	—	—	—
Nairn	8	17.9	12.3	15.1	+1.3	23.0	27,29	10.0	12	—	—	48	78	13	22	15	14	0	0	0	0	1	6	0	0	—	0	3.98	85	—
Onich	15	21.2	12.2	16.7	+3.2	29.6	4	6.1	21	—	—	169	123	31	27	19	17	—	0	—	—	—	5	0	0	—	—	4.82	131	S
Plockton	12	19.8	12.2	16.0	—	27.5	6	9.4	12	17.1	—	80	—	19	27	18	15	0	0	0	0	1	0	0	—	—	0	—	—	—
Poolewe	6	20.1	12.6	16.3	(+2.6)	28.7	5	6.8	21	—	—	76	75	14	9	18	15	0	0	0	0	0	0	0	0	—	0	5.24	(126)	S
Tomatin	311	19.2	10.4	14.8	—	27.5	4	7.2	22	—	—	65	—	34	7	18	13	0	0	0	0	2	0	0	—	—	0	—	—	—
Waterstein	92	(18.6)	(12.1)	15.3	—	27.5	6	8.7	21	—	—	76	—	15	8	16	14	—	—	—	—	—	—	0	—	—	—	—	—	—
Wick (A)	36	16.0	10.9	13.5	+1.1	21.3	28	5.5	21	13.7	—	64	105	21	16	15	10	0	0	0	0	4	0	0	0	0	0	3.31	75	—
1 SCOTLAND E																													
Grampian																													
Aberdeen																													
Dyce Airport (A)	65	18.7	11.8	15.3	+1.7	24.0	28	7.3	21	—	—	60	79	26	16	14	10	0	0	0	0	1	0	0	0	0	0	4.58	91	—
Mannofield	52	17.4	12.3	14.9	+1.5	22.8	28	9.4	21	—	—	43	56	16	16	14	7	0	0	0	0	6	0	0	0	—	0	—	—	—
Aldroughty	30	19.8	11.7	15.7	—	25.4	29	7.5	22	15.0	—	38	—	7	17	17	12	0	0	0	0	0	0	0	0	—	0	5.29	—	—
Ballater Field Centre	200	19.9	11.1	15.5	—	26.6	7	6.8	16	—	—	63	—	25	19	16	14	—	0	—	—	—	—	0	0	—	—	—	—	—
Balmoral	283	18.7	10.5	14.6	-2.0	28.2	7	6.2	16	—	—	60	92	24	19	19	12	0	0	0	0	—	0	0	—	0	—	—	—	—
Banff Golf Course	15	19.2	12.2	15.7	—	25.5	28	9.3	20	17.8	—	31	—	12	22	12	6	0	0	0	0	1	0	—	—	0	—	—	—	S
Braemar	339	19.2	10.5	14.9	-2.2	26.3	6	7.2	16	14.6	12.8	57	98	19	19	18	11	—	0	—	—	—	—	0	0	—	—	—	—	S
Craibstone	102	18.0	11.5	14.7	+1.5	23.2	28	7.6	21	15.6	13.3	48	61	14	16	17	10	0	0	0	0	0	—	0	0	—	0	—	—	—
Culterty	3	18.1	11.5	14.8	—	22.0	28	6.4	21	—	—	36	—	9	16	12	10	0	0	0	0	0	5	0	0	—	0	4.16	—	—
Durris, Wardend	107	19.0	11.2	15.1	—	24.6	7	7.3	17	15.0	—	56	—	10	15	17	13	0	0	0	0	0	1	0	0	—	0	4.51	—	—
Forehill	40	16.9	11.5	14.2	—	21.2	4	7.8	21	—	—	42	64	14	22	13	10	0	0	0	0	0	6	0	0	—	0	—	—	—
Forres	5	19.6	12.3	15.9	—	25.7	29	9.7	12	15.0	13.8	39	—	7	22	15	14	0	0	0	0	0	1	0	0	—	0	—	—	—
Fyvie Castle	55	19.2	11.6	15.4	(+2.0)	25.0	5	6.5	10	—	—	48	61	13	22	14	10	0	0	0	0	0	3	0	0	—	0	—	—	—
Glenlivet	215	19.6	10.6	15.1	(+2.5)	26.2	4	5.9	21	15.7	—	44	—	8	15	14	10	0	0	0	0	0	1	0	0	0	0	5.15	(112)	S
Inchmarlo	80	19.1	11.5	15.3	—	24.6	4	7.6	17	—	—	65	—	15	15	16	11	0	—	0	0	1	0	0	0	—	0	—	—	—
Inverurie	54	19.4	11.8	15.6	—	25.5	28	7.1	21	—	—	43	—	9	22	11	9	0	0	0	0	0	0	0	0	—	0	3.92	—	—
Keith	106	19.5	11.2	15.3	—	26.0	4	7.2	10	—	—	38	—	13	16	11	7	0	0	0	0	0	—	0	0	—	0	5.33	—	—
Kinloss (A)	5	19.4	12.2	15.8	+1.8	26.6	29	8.9	12	14.4	—	35	55	7	22	14	12	0	0	0	0	0	0	0	0	0	0	4.62	98	—
Leith Hall	180	19.6	11.0	15.3	—	25.0	4	6.3	21	—	—	45	—	12	15	13	9	0	0	0	0	0	0	0	0	—	0	—	—	—
Lossiemouth (A)	6	—	—	—	—	—	—	—	—	—	—	42	64	9	22	16	10	—	—	—	—	—	—	—	—	—	—	—	—	—
Rothes	61	20.1	11.8	15.9	—	27.5	4	8.5	22	—	—	34	—	9	15	8	8	0	0	0	0	0	0	0	0	—	0	3.71	—	—
Stonehaven	85	16.6	10.6	13.6	—	21.4	28	7.5	21	—	—	44	—	11	16	14	10	0	0	0	0	0	8	0	—	—	0	3.02	—	—
Tayside																													
Arbroath	29	18.0	12.5	15.3	+1.4	21.2	4	9.8	19	—	—	52	85	9	22	13	12	0	0	0	0	0	0	0	0	—	0	5.42	91	—
Ardtalnaig	130	19.8	12.4	16.1	(+1.9)	25.7	4	9.3	3	—	—	78	96	17	8	17	11	0	0	0	0	3	0	0	0	—	0	4.09	—	S
Dall (Rannoch School)	232	19.8	10.9	15.3	—	26.2	4	6.5	21	—	—	79	—	19	1	17	14	0	0	0	0	0	0	0	0	—	0	—	—	—
Drummond Castle	113	19.4	(12.0)	15.7	—	24.0	4,25	9.0	12,16, 17	16.3	—	113	—	19	1	19	16	0	0	0	0	1	—	0	—	—	0	4.17	—	S
Dundee	45	19.4	12.9	16.1	+1.3	23.7	6	9.9	17	17.5	—	62	88	14	7	14	11	0	0	0	0	1	0	0	0	—	0	—	—	—
Faskally	94	19.7	12.3	16.0	+1.9	25.1	6	7.9	3	17.8	14.6	93	147	19	23	16	13	0	0	0	0	0	0	0	0	—	0	—	—	—
Forfar	91	19.1	11.4	15.3	—	23.2	4	7.0	3	—	—	81	—	12	19,22	17	15	0	0	0	0	1	0	0	0	—	0	4.45	—	—
Kindrogan	259	18.7	10.5	14.6	—	24.6	5	7.2	16	—	—	89	—	13	19	16	11	0	0	0	0	0	0	0	0	—	0	—	—	—
Kinross	116	19.9	11.8	15.9	—	23.8	4,25	7.0	16	16.6	—	75	—	15	12	19	16	—	0	—	—	—	1	0	0	—	—	4.18	—	S
Montrose	55	18.2	12.0	15.1	+1.3	23.4	27	9.5	16,17	16.7	—	70	104	19	15	15	11	0	0	0	0	3	0	0	0	—	0	—	—	—
Mylnefield (A)	30	19.7	12.8	16.3	+2.0	23.9	6	9.2	10	16.3	13.1	70	106	11	7	15	11	0	0	0	0	1	0	0	0	—	0	5.14	91	—
Perth Aerodrome (A)	118	19.3	11.2	15.3	—	24.4	5	8.3	16	—	—	61	—	15	19	15	12	—	0	—	—	—	—	0	—	—	—	—	—	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more / 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average *	Exposure
1 SCOTLAND E - Continued																												
Tayside - Continued																												
Strathallan	41	20.4	12.7	16.5	–	24.5	25	9.8	17	–	–	84	–	17	19	16 13	0 0	0	0	0	2	–	0	–	–	0	–	–	–
Tummel Bridge	161	20.3	11.0	15.7	–	26.1	7	7.1	3	–	–	80	–	14	1	18 13	0 –	–	–	–	–	–	0	–	–	–	–	–	–
Whitehillocks	258	18.4	10.8	14.6	–	24.5	7	6.0	17	–	–	86	–	22	19	17 13	0 0	0	0	0	–	0	0	0	–	0	–	–	S
Fife																												
Belliston	82	18.4	12.1	15.3	–	22.7	28	7.9	17	15.5	–	58	79	10	22	16 14	0 0	0	0	0	2	0	0	–	0	–	–	–
Cupar	42	19.7	12.5	16.1	–	23.7	28	8.0	17	17.3	–	58	–	9	22	17 14	0 0	0	0	0	–	0	0	–	0	4.59	–	–
Fife Ness	12	17.4	11.9	14.7	–	22.8	27	8.9	17	–	–	–	–	–	–	– –	0 0	0	1	2	4	0	0	–	0	–	–	–
Leuchars (A)	10	18.8	12.0	15.4	+1.1	23.7	28	8.0	17	15.9	–	63	99	15	7	16 13	0 0	0	0	2	1	0	0	0	0	5.45	93	–
Lothian																												
Bush House	184	18.5	11.5	15.0	+1.6	23.4	29	8.9	10,21	15.5	13.3	86	110	17	1	19 16	0 0	0	0	0	–	0	0	–	0	3.72	74	–
Dunbar	23	18.4	12.3	15.3	+1.0	24.7	28	9.0	10	16.7	–	44	81	7	1	16 13	0 0	0	0	2	4	0	–	–	0	4.91	80	–
Edinburgh																												
East Craigs	61	19.1	12.0	15.5	+1.2	23.4	28	8.9	12	15.8	–	100	154	20	1	17 13	0 0	0	0	0	1	0	0	–	0	4.69	(88)	–
Royal Botanic Garden	26	19.0	12.8	15.9	+1.3	23.4	28	10.3	10	16.4	–	67	97	10	1	17 13	0 0	0	0	0	2	0	0	–	0	4.23	77	–
Royal Observatory Blackford Hill (A)	134	18.5	12.3	15.4	+1.0	22.0	27,28	9.6	12	–	–	82	119	22	1	15 13	– 0	–	–	–	4	0	–	–	–	4.41	85	–
Turnhouse Airport (A)	35	19.2	12.4	15.8	+1.4	23.8	28	9.4	10	16.3	–	101	156	19	1	18 14	0 0	0	0	0	1	0	0	0	0	4.02	79	S
Haddington	41	19.0	11.8	15.4	–	23.7	29	7.8	10	–	–	64	–	14	19	17 13	0 0	0	0	0	–	0	–	–	0	–	–	–
Livingston	125	19.0	12.2	15.6	–	23.0	28	7.8	21	–	–	87	–	13	20	18 12	0 0	0	0	0	–	0	0	–	0	–	–	–
Nunraw Abbey	197	18.3	11.6	14.9	–	22.5	29	9.0	17	–	–	64	–	14	19	17 15	0 0	0	0	0	–	0	–	–	0	–	–	–
Penicuik	185	19.0	11.2	15.1	(+1.4)	24.5	29	7.6	10,21	16.1	–	85	111	19	1	18 17	0 0	0	0	0	4	0	0	–	0	3.88	(82)	S
Borders																												
Blyth Bridge	253	18.3	11.3	14.8	+1.8	23.4	4	8.0	12	–	–	70	98	11	8	20 14	0 0	0	0	1	3	0	0	–	0	4.10	91	S
Blythe	262	18.9	11.0	14.9	–	23.0	4, 5, 29	8.4	10,12	12.8	–	67	–	10	7	18 15	– 0	–	–	–	1	0	0	–	–	4.47	–	–
Bowhill (Selkirk)	168	19.8	11.7	15.7	+1.7	24.7	29	7.3	21	16.9	–	51	75	8	7	18 14	0 0	0	0	0	0	0	0	–	0	–	–	–
Carterhouse	308	18.5	11.0	14.7	–	23.1	11	7.3	21	15.5	13.1	39	–	7	15	19 13	– 0	–	–	–	5	0	0	0	–	–	–	–
Floors Castle	59	19.9	11.9	15.9	–	24.8	11	8.8	10	–	–	55	88	19	20	15 11	0 0	0	0	0	2	0	–	–	0	–	–	–
Galashiels	198	19.0	11.7	15.3	–	23.0	4,29	8.3	21	–	–	73	–	10	20	18 14	0 0	0	0	0	0	0	0	–	0	4.16	–	–
Glentress	165	20.1	11.2	15.7	(+1.9)	25.2	6	6.5	21	–	–	49	75	8	8	17 10	0 0	0	0	0	–	0	–	–	0	–	–	–
Greycrook	76	20.8	11.7	16.3	–	24.6	29	7.8	10	17.3	–	50	–	12	7	18 12	0 0	0	0	0	1	0	0	–	0	–	–	–
Kelso	34	20.8	12.2	16.5	–	26.8	11	9.0	24	17.3	–	63	–	23	20	19 13	0 0	0	0	0	0	0	0	–	0	–	–	S
St Abbs Head	75	17.8	12.4	15.1	–	22.7	28	10.0	26	–	–	–	–	–	–	– –	0 0	0	0	2	6	0	0	0	0	–	–	–
West Linton	244	18.4	11.0	14.7	+1.8	23.0	29	7.4	21	15.4	13.4	73	96	15	7	14 11	0 0	0	0	0	0	0	0	–	0	–	–	–
6 SCOTLAND W																												
Strathclyde																												
Abington	247	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	– –	–	–	–	–	–	–	–	–	–	–	–
Ardentinny	5	20.0	11.9	15.9	–	25.2	7	8.0	21	–	14.9	146	–	24	8	19 14	0 0	0	0	5	1	0	0	–	0	–	–	–
Aros	37	(19.7)	(11.7)	15.7	–	27.0	5	6.0	21	–	–	110	–	23	28	16 14	– 0	–	–	–	–	0	–	–	–	–	–	–
Auchincruive	48	19.9	12.7	16.3	+2.2	26.6	4,6	9.3	21	14.7	13.0	76	95	17	8	14 9	0 0	0	0	2	0	0	0	–	0	4.67	88	–
Benmore (Younger Botanic Garden)	12	19.7	12.2	15.9	(+1.7)	25.5	5	6.9	21	16.6	–	120	81	21	8	18 15	0 0	0	0	3	0	0	0	–	0	–	–	–
Black Mount	175	19.5	11.5	15.5	–	26.7	4	5.0	21	–	–	119	–	23	12	19 18	0 0	0	0	2	4	0	–	–	0	–	–	–
Brodick Castle	15	19.9	13.0	16.5	–	26.0	7	7.4	21	16.5	–	79	–	17	8	14 10	0 0	0	0	3	0	0	0	–	0	–	–	–
Camps Reservoir	295	(17.8)	(10.6)	14.2	(+1.9)	24.1	6	6.2	21	–	–	73	–	13	8	16 13	0 0	0	0	0	1	–	0	–	–	4.59	–	–
Carnwath	208	19.4	10.9	15.1	+2.2	25.2	29	5.0	21	14.9	–	66	90	10	8	17 11	0 0	0	0	2	0	0	0	0	2	–	–	–
Colonsay Hotel	15	18.9	12.6	15.7	–	25.9	7	10.0	12	–	–	81	–	18	27	20 14	0 0	0	0	1	0	0	0	–	0	5.09	–	–
Cumnock	99	20.2	12.6	16.4	–	27.0	6	6.2	2	16.3	–	58	–	15	15	15 12	0 0	0	0	1	–	0	0	–	0	–	–	S
Dalry	32	20.5	12.6	16.5	–	25.3	4, 7	8.0	21	–	–	102	–	30	8	13 11	0 0	0	0	1	–	0	–	–	0	–	–	–
Drumclog	227	19.1	11.3	15.2	–	25.3	4	7.5	21	–	–	98	–	18	1	15 14	0 0	0	0	1	0	0	0	–	0	–	–	–
Dunstaffnage (A)	3	19.7	12.3	16.0	–	27.3	4	6.5	21	16.5	–	101	–	20	8	20 15	0 0	0	0	1	0	0	0	–	0	5.21	–	–
East Kilbride	178	19.0	12.2	15.6	–	23.3	7	8.8	12	–	–	91	–	22	8	15 12	0 0	0	0	2	–	0	0	–	0	5.07	–	–
Girvan	8	20.4	13.2	16.8	–	28.7	6	8.9	2	–	–	64	–	14	8	14 11	0 0	0	0	0	0	0	0	–	0	5.10	–	–
Glasgow Abbotsinch Airport (A)	5	20.5	12.7	16.6	–	25.0	4, 7	6.5	21	15.9	–	109	160	23	8	13 12	0 0	0	0	2	0	0	0	0	0	5.12	–	–
Springburn Park	107	19.6	12.3	15.9	+1.5	24.6	7	8.9	21	–	–	–	–	–	–	– –	– –	–	–	–	–	0	–	–	–	–	–	–
Helensburgh	96	19.0	12.0	15.5	–	24.0	31	8.0	21	–	–	109	–	23	8	15 14	– 0	–	–	–	–	0	–	–	–	4.46	–	–
Hunterston	8	19.8	13.4	16.6	+2.0	25.5	4	10.0	21	–	–	79	–	24	8	14 10	0 0	0	0	2	0	0	–	–	0	–	–	–
Inverinan Mor	70	19.7	11.5	15.6	–	26.2	4	4.7	21	–	–	147	–	31	12	19 17	0 0	0	0	1	0	0	–	–	0	–	–	–
Leadhills	388	18.3	9.4	13.9	–	26.1	6	5.1	21	–	–	99	–	19	8	16 14	0 0	0	0	1	2	0	0	–	0	–	–	–
Lochgilphead	5	19.9	12.4	16.1	–	26.4	4	6.1	21	–	–	97	–	15	12	16 16	0 0	0	0	0	1	–	0	–	–	0	–	–	–
Lochranza	46	19.0	12.7	15.9	–	25.0	7	7.8	21	–	–	73	–	12	15	13 12	– –	–	–	–	–	0	–	–	–	–	–	–
Machrihanish (A)	10	18.7	12.6	15.7	(+1.9)	25.7	4	7.7	2	–	–	64	–	19	15	12 11	– –	–	–	–	–	0	–	–	–	–	–	–
Millport	5	19.3	13.1	16.2	(+1.8)	24.3	7	10.0	23	–	–	77	86	20	8	15 10	0 0	0	0	3	–	0	–	–	0	–	–	–
Motherwell (Strathclyde Park)	24	20.4	12.1	16.3	–	25.0	25	7.6	21	–	–	67	–	14	1	16 10	0 0	0	0	1	0	0	–	–	0	–	–	–
Orsay	23	17.2	12.3	14.7	–	23.8	4	10.0	2	–	–	51	–	10	14	16 12	0 0	0	0	0	4	0	0	0	0	–	–	–
Paisley (A)	32	20.8	13.1	16.9	+1.8	25.7	7	9.3	21	16.8	13.8	87	117	18	8	14 11	0 0	0	0	1	0	0	0	–	0	4.69	93	–
Pollok Country Park	16	20.4	12.3	16.3	–	24.9	7	7.0	21	–	–	95	–	19	8	15 11	– 0	–	–	–	–	0	–	–	–	–	–	–
Prestwick (A)	16	20.5	12.9	16.7	+2.4	27.4	4	8.6	21	16.3	–	64	83	16	15	13 8	0 0	0	0	2	0	0	0	0	0	5.25	92	–
Rothesay	43	19.9	12.9	16.4	(+2.1)	25.0	7	8.6	21	15.2	13.7	(85)	81	22	8	15 12	0 0	0	0	1	0	0	0	–	0	5.10	–	–
Salsburgh	260	17.9	10.9	14.4	–	22.0	7,25	7.8	12,21	–	–	79	–	13	1, 8	16 12	– –	–	–	–	–	0	–	–	–	–	–	–
Saughall	221	19.1	11.6	15.3	–	25.3	4	7.5	2	14.9	12.5	89	–	15	8	14 13	0 0	0	0	1	1	0	0	0	0	5.11	–	–
Tiree (A)	9	18.1	12.4	15.3	+2.0	26.3	6	8.8	21	15.7	–	84	106	15	14	17 16	0 0	0	0	1	0	0	0	0	0	6.35	126	–
Uplawmoor	128	19.5	11.9	15.7	–	24.2	17	6.8	21	–	–	91	–	19	8	16 12	0 0	0	0	2	0	0	0	–	0	–	–	–
Central																												
Aberfoyle	27	20.6	11.5	16.1	–	25.3	25	8.2	17	–	–	–	–	–	–	– –	0 0	0	0	0	0	0	0	–	0	–	–	–
Arrochymore	30	20.1	12.7	16.4	–	25.1	7	8.9	21	15.6	–	–	–	–	–	– –	– 0	–	–	–	0	0	0	–	–	4.05	–	S
Balquhidder	136	19.4	(12.5)	15.9	–	24.7	6	9.2	12	–	–	118	–	17	11	19 15	0 0	0	0	0	1	0	0	–	0	–	–	S
Falkirk	3	20.0	12.7	16.3	–	23.7	29	9.1	10	–	–	80	–	13	7	17 14	0 0	0	0	1	–	0	–	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min below 0 deg C	Concrete min below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
6 SCOTLAND W - Continued																													
Central - Continued																													
Grangemouth (BP Refinery)	2	20.2	13.7	16.9	–	23.3	27	10.8	12	–	–	65	–	10	7	16	12	0	0	0	0	1	0	0	–	–	0	–	–	–
Loch Venachar	84	19.5	12.3	15.9	–	25.1	6	9.4	10,16	–	–	141	–	26	11	17	15	0	0	0	0	2	0	0	0	–	0	–	–	–
Mugdock Park	165	19.8	12.1	15.9	–	24.5	4, 5, 25	8.5	21	14.4	–	110	–	22	12	14	12	0	0	0	0	2	0	0	–	–	0	–	–	–
Parkhead	35	20.9	12.5	16.7	–	25.3	30	9.3	12	17.3	–	108	–	29	19	15	13	–	0	–	–	–	0	0	–	–	–	–	–	–
Stirling (Sewage Works)	7	(20.0)	(12.0)	16.0	–	–	–	–	–	–	–	94	–	19	19	16	16	–	0	–	–	–	0	–	–	–	–	4.28	–	–
Tyndrum	168	19.3	11.6	15.5	–	25.8	4	4.6	21	–	–	123	–	25	12	19	15	0	0	0	0	3	–	0	–	–	0	–	–	–
Dumfries & Galloway																													
Auchen Castle	184	19.4	11.3	15.3	–	24.9	4,29	6.0	21	–	–	86	–	16	8	15	13	0	0	0	0	2	2	0	0	–	0	–	–	–
Bargrennan	110	20.1	11.8	15.9	+2.4	27.5	6	4.9	2	–	–	83	84	16	8	16	15	0	0	0	0	0	–	0	–	–	0	–	–	–
Clatteringshaws	178	18.9	11.4	15.1	–	25.0	4, 6	5.5	21	–	–	76	62	25	8	13	12	0	0	0	0	1	0	0	–	–	0	4.59	–	S
Corsewall Point	15	18.8	12.1	15.5	–	25.7	5	8.7	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Creebridge	18	20.9	12.7	16.8	–	28.1	6	6.0	21	–	–	62	–	12	8	15	12	0	0	0	0	0	–	0	–	–	0	–	–	–
Dumfries	49	20.6	11.9	16.3	+1.9	25.9	6	6.5	1	16.3	14.4	56	72	11	8	12	11	0	0	0	0	0	0	0	0	–	0	5.05	99	S
Dumfries (Drungans)	28	21.1	12.6	16.9	–	26.9	6	9.0	21	–	–	48	–	12	8	13	12	–	–	–	–	–	–	0	0	–	–	–	–	–
Eskdalemuir (A)	242	19.0	11.1	15.1	+2.0	24.7	4	5.9	21	14.6	12.3	86	81	13	8	15	15	0	0	0	0	3	0	0	0	0	0	4.35	–	–
Glenlee	55	20.4	10.9	15.7	+1.4	25.9	6	4.1	17	–	–	72	79	23	8	16	12	–	0	–	–	–	–	0	0	–	–	–	–	–
Glenlochar Barrage	47	20.1	12.6	16.3	+1.9	25.1	6	7.2	21	–	–	66	80	11	8	14	12	0	0	0	0	2	–	0	–	–	0	–	–	–
Penwhirn	166	18.5	11.5	15.0	(+2.0)	25.6	6	6.5	2	–	–	70	67	12	17	17	13	0	0	0	0	0	0	0	0	–	0	–	–	–
Threave	73	20.5	12.4	16.5	+2.1	25.3	4, 7	7.0	21	16.9	–	72	85	12	11	14	10	0	0	0	0	2	0	0	0	–	0	–	–	–
Whithorn	40	18.9	12.3	15.6	–	24.5	29	7.0	2,21	15.5	–	43	–	9	8	14	11	0	0	0	0	0	0	0	–	–	0	6.09	–	–
2 ENGLAND E & N E																													
Northumberland																													
Boulmer (A)	23	18.5	11.8	15.1	–	23.7	27	8.1	24	15.9	14.1	32	–	6	1	18	10	0	0	0	0	3	2	0	0	0	0	5.22	–	–
Cockle Park	99	19.0	11.2	15.1	+1.2	24.3	11	7.4	24	15.4	–	61	97	11	31	18	15	0	0	0	0	0	6	0	0	–	0	4.11	80	–
Haydon Bridge	82	20.8	12.2	16.5	+2.0	25.5	11	7.4	26	16.3	–	45	–	13	20	15	12	0	0	0	0	3	0	0	–	–	0	–	–	–
Kielder Castle	201	(19.8)	(10.3)	15.1	+2.0	24.6	6	6.9	26	(16.4)	–	82	92	23	19	14	13	0	0	0	0	2	–	0	0	–	0	–	–	–
Redesdale	235	18.6	10.7	14.7	–	23.3	11	6.0	24	14.0	–	63	–	16	19	19	14	–	0	–	–	–	4	0	0	–	–	4.24	–	–
Tyne & Wear																													
Newcastle Weather Centre (X)	52	20.0	13.3	16.7	–	26.9	11	10.7	26	–	–	49	–	14	19	16	11	0	–	0	0	2	1	0	–	0	0	–	–	–
South Shields	5	19.3	12.8	16.1	–	24.0	11,27	10.7	21	–	–	29	–	6	24	14	10	0	0	0	0	2	2	0	–	–	0	–	–	–
Sunderland Polytechnic	56	19.4	13.2	16.3	–	27.2	11	11.3	26	–	–	39	–	11	1	15	9	0	0	0	0	1	0	0	–	–	0	5.83	–	–
Tynemouth	30	18.3	12.7	15.5	+1.0	25.0	11	11.2	24	–	–	29	52	5	24	14	10	0	0	0	0	2	6	0	0	–	0	5.80	108	–
Durham																													
Durham	102	21.0	11.4	16.2	+1.5	26.0	11	7.4	21	16.4	13.6	44	81	9	7	16	10	–	0	–	–	–	1	0	0	–	–	5.86	120	S
Low Etherley	155	20.7	11.6	16.1	–	26.0	28	7.6	21	15.7	12.0	45	–	14	1	14	8	0	0	0	0	3	–	0	0	0	0	–	–	–
Widdybank Fell	513	17.6	10.0	13.8	–	22.6	6,29	7.5	21	11.9	–	61	–	16	8	17	11	–	0	–	–	–	1	0	0	–	–	5.34	–	–
Cleveland																													
North Yorkshire																													
Askham Bryan	33	22.5	11.8	17.1	+1.8	28.2	11	8.4	21	–	–	28	50	16	24	6	5	0	0	0	0	2	1	0	0	–	0	5.92	113	–
Cawood	6	22.7	12.0	17.3	+2.0	28.7	29	8.1	2	16.4	15.1	30	54	13	24	8	4	0	0	0	0	1	0	0	0	–	0	6.77	129	–
Church Fenton	8	22.6	12.3	17.5	–	28.8	11	8.9	24	–	–	29	–	11	24	9	5	–	–	–	–	–	–	0	–	–	–	–	–	–
Fylingdales	262	19.8	11.5	15.7	–	25.1	11	8.6	24	–	–	35	–	13	1	12	7	0	–	–	–	–	–	0	–	–	–	–	–	–
Harrogate (Bilton)	66	21.4	12.0	16.7	+1.8	27.2	11	7.2	24	–	–	20	33	7	1	12	8	0	0	0	0	5	0	0	0	–	0	5.15	95	–
High Mowthorpe	175	20.9	11.8	16.3	+2.1	26.3	11	8.5	21	15.9	–	31	48	17	11	11	7	–	0	–	–	–	1	0	0	–	–	–	–	–
Linton-on-Ouse	14	22.6	12.6	17.6	–	27.9	11	8.5	21	–	–	19	–	11	1	8	4	–	–	–	–	–	–	0	–	–	–	–	–	–
Leeming (A)	32	21.9	12.6	17.3	(+1.9)	28.0	30	8.1	21	17.1	14.4	21	42	7	20	10	6	0	0	0	0	4	0	0	0	0	0	5.95	–	–
Malham Tarn	381	17.8	11.1	14.5	+1.7	23.4	30	8.3	17	13.6	–	70	–	17	8	13	11	0	0	0	0	2	1	0	0	–	0	4.15	–	S
Scarborough	110	19.7	12.4	16.1	–	28.3	11	9.8	12	16.8	15.0	29	–	12	11	7	5	0	0	0	0	3	3	0	–	–	0	6.39	–	–
Whitby	41	20.2	12.5	16.3	(+1.4)	28.1	11	9.3	18	16.7	14.2	31	–	14	2	14	6	0	0	0	0	4	2	0	0	–	0	6.31	117	–
Whitby Coastguard	60	19.3	12.6	15.9	(+1.6)	27.4	11	9.5	18	–	–	26	–	14	2	11	5	0	0	0	0	2	4	0	0	0	0	–	–	–
Wycliffe Hall	120	20.5	–	–	–	24.0	31	–	–	–	–	38	–	7	2	13	9	0	0	0	0	0	0	–	–	–	0	–	–	–
Wykeham Forest	211	–	–	–	–	–	–	–	–	–	–	36	–	9	11	9	8	–	0	–	–	–	–	–	–	–	–	–	–	–
Humberside																													
Cleethorpes	23	22.0	13.4	17.7	–	29.2	11	11.1	17	–	–	54	–	36	24	11	5	–	0	–	–	–	1	0	0	0	–	7.36	–	–
Hull	2	22.9	13.8	18.3	+2.2	29.0	11	11.3	21	18.1	15.3	19	35	9	24	8	3	0	0	0	0	0	–	0	0	–	0	–	–	–
Lincolnshire																													
Coningsby (A)	6	23.4	12.8	18.1	–	29.6	11	9.3	17	–	–	34	–	23	24	6	5	0	0	0	0	0	0	0	0	0	0	–	–	–
Covenham	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cranwell (A)	62	23.2	12.5	17.9	+2.2	28.9	11	9.6	24	–	–	18	37	7	17	7	6	–	–	–	–	–	–	0	–	–	–	–	–	–
Driby	41	22.1	12.1	17.1	–	28.6	11	8.5	18	–	–	33	–	13	13	8	6	–	–	–	–	–	–	0	–	–	–	–	–	–
Kirton	4	22.8	12.7	17.7	–	28.5	11	9.2	2	16.6	13.9	28	–	17	24	8	5	0	0	0	1	3	0	0	0	–	0	7.34	–	–
Lincoln (Canwick)	7	23.5	13.3	18.4	–	29.3	11	11.0	21	17.0	14.3	27	–	12	24	6	3	0	0	0	0	1	0	0	0	–	0	–	–	–
Scampton	58	22.6	13.3	17.9	–	28.1	11	10.1	17,21	–	–	23	–	13	24	8	4	–	–	–	–	–	–	0	–	–	–	–	–	–
Skegness	5	21.4	13.7	17.5	(+1.8)	29.4	11	7.0	25	–	–	17	35	6	24	7	6	–	0	–	–	–	2	0	–	–	–	(7.82)	129	–
Waddington (A)	68	22.9	13.0	17.9	+2.2	28.7	11	10.6	17	17.8	15.7	14	26	7	24	6	3	0	0	0	0	2	0	0	0	0	0	7.35	128	–
3 EAST ANGLIA																													
Norfolk																													
Bressingham	30	(23.0)	(12.7)	17.9	–	29.5	11	9.2	17	–	–	28	–	10	24	8	6	0	0	0	0	0	–	0	0	0	0	–	–	–
Coltishall (A)	18	22.6	12.9	17.7	(+1.9)	30.6	11	9.0	22	–	–	19	32	6	23	6	4	0	0	0	0	2	0	0	0	0	0	–	–	–
Cromer	54	22.7	13.6	18.1	+2.5	32.1	11	11.0	2	–	–	17	29	5	17	8	5	0	0	0	0	3	0	0	0	–	0	(7.99)	131	–
Denver	2	22.8	13.1	17.9	–	28.0	29	8.9	21	17.4	14.1	27	–	14	24	7	3	–	0	–	–	–	0	0	–	–	–	6.74	–	–
Hemsby (A)	13	21.3	13.1	17.2	–	28.3	11	10.3	17	16.7	15.2	23	–	7	23	12	5	0	0	0	0	4	0	0	0	0	0	8.13	–	–
Hunstanton	15	22.4	13.7	18.1	–	28.9	11	11.4	12	–	–	16	–	8	24	6	3	0	–	0	0	1	–	0	–	–	0	8.02	–	–
Marham (A)	21	23.1	13.1	18.1	+2.0	29.2	11	9.3	17	–	–	36	65	22	24	11	4	0	0	0	0	3	0	0	0	0	0	7.29	–	–
Morley St Botolph	46	22.2	12.3	17.3	–	28.7	11	9.4	17	18.0	–	21	–	7	17	8	3	0	0	0	0	1	0	0	0	–	0	7.65	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average *	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall (09 to 09 GMT) Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average *	Exposure
3 EAST ANGLIA - Continued																														
Norfolk - Continued																														
Norwich Weather Centre	15	22.6	14.0	18.3	–	30.1	11	11.5	2	–	–	19	–	7	23	9	4	–	–	–	–	–	0	0	–	–	–	7.54	–	–
South Raynham	68	22.8	12.2	17.5	–	28.9	11	8.4	17	–	–	15	–	6	17	8	6	0	0	0	0	2	0	0	0	–	0	–	–	–
Terrington St Clement	2	22.9	12.6	17.7	+1.9	28.3	29	8.3	21	17.7	–	18	35	6	24	7	4	0	0	0	0	0	0	0	0	–	0	6.95	122	–
Cambridgeshire																														
Boxworth	53	23.0	12.5	17.7	(+1.6)	28.6	29	8.5	17	–	–	42	–	18	30	9	5	0	0	0	0	1	0	0	0	–	0	5.94	(96)	–
Cambridge Botanic Garden	12	23.6	13.0	18.3	+1.7	29.3	11	9.2	17	18.5	16.2	35	72	16	30	10	6	0	0	0	0	1	0	0	0	–	0	–	–	–
National Institute of Agricultural Botany	24	22.9	13.1	18.0	+1.6	28.2	11	9.7	17	–	–	32	70	14	30	8	4	0	0	0	2	0	0	0	0	–	0	6.22	104	–
March	2	23.9	13.2	18.5	–	29.4	11	10.0	21	–	–	39	77	27	24	7	4	–	0	–	–	–	–	0	–	–	–	–	–	–
Marholm	21	23.8	12.1	17.9	–	28.6	11,29	9.1	2,21	–	–	16	–	7	17	7	4	0	0	0	0	0	0	0	0	–	0	–	–	–
Mepal	-2	23.2	12.5	17.9	–	28.3	29	8.5	17	17.6	13.8	29	–	18	24	6	4	0	0	0	0	1	0	0	0	–	0	(7.17)	–	–
Monks Wood	39	22.9	12.3	17.6	(+1.7)	28.5	29	9.5	17	17.9	16.0	36	–	18	30	7	5	0	0	0	0	3	0	0	0	–	0	6.71	–	–
Wittering	73	22.7	12.8	17.7	+1.7	28.2	29	10.0	12	–	–	15	–	7	17	8	4	–	–	–	–	–	–	0	–	–	–	–	–	–
Wyton (A)	40	23.0	13.4	18.2	+1.8	28.5	11	11.2	17	–	–	29	60	14	30	8	3	0	0	0	0	2	0	0	0	0	0	7.00	–	–
Suffolk																														
Brooms Barn	75	22.4	13.0	17.7	(+1.6)	28.7	11	10.3	17	17.4	15.6	29	–	12	30	7	4	0	0	0	0	6	1	0	0	–	0	7.09	(120)	S
Cavendish	55	22.7	11.5	17.1	–	28.5	11	7.7	2	17.4	–	39	–	8	24	9	6	0	0	0	0	3	0	0	0	–	0	6.24	–	–
East Bergholt	5	(23.0)	(12.3)	17.7	+1.3	29.0	11	7.5	17	–	–	39	77	9	23	10	7	0	0	0	0	1	0	0	0	–	0	–	–	–
Honington (A)	51	23.0	12.9	17.9	–	30.0	11	9.7	22	–	–	19	–	7	24	8	5	0	0	0	0	1	0	0	0	0	0	7.05	–	–
Levington	22	22.0	13.7	17.9	–	27.5	11	10.2	27	17.8	–	38	–	14	23	10	8	0	0	0	0	4	0	0	0	–	0	7.05	–	–
Lowestoft	25	21.4	14.0	17.7	+1.7	27.5	6	10.6	17	18.5	16.3	33	64	10	23	12	8	0	0	0	0	3	0	0	0	0	0	6.45	102	S
Wattisham (A)	89	22.0	12.8	17.4	+1.5	28.7	11	8.9	17	–	–	40	76	13	24	10	8	0	0	0	0	2	0	0	0	0	0	6.96	–	–
Westleton	10	20.9	13.3	17.1	–	26.4	6	9.1	17	–	–	37	–	10	23	12	7	0	0	0	0	2	0	0	0	–	0	–	–	–
Bedfordshire																														
Bedford (A)	85	22.0	12.4	17.2	–	26.6	11,29	9.7	2	–	–	79	152	26	24	11	6	–	–	–	–	–	–	0	–	–	–	–	–	–
Woburn	89	22.1	12.3	17.2	+1.4	27.0	29	9.0	7	17.6	14.1	72	142	23	30	10	7	0	0	0	0	2	–	0	0	–	0	6.47	115	–
Hertfordshire																														
Aldenham School	91	22.6	13.3	17.9	–	28.0	11	9.6	17	18.4	–	81	–	31	30	8	6	0	0	0	0	1	0	0	0	0	0	–	–	–
Rothamsted	128	21.7	12.0	16.9	+1.2	26.2	11	7.7	17	16.3	13.5	73	144	25	30	11	8	0	0	0	0	2	0	0	0	–	0	7.06	121	–
Stanstead Abbotts	30	(23.2)	(13.1)	18.1	–	28.7	11	7.5	27	–	–	54	–	15	30	8	6	–	0	–	–	–	–	0	–	–	–	–	–	–
Essex																														
Clacton-on-Sea	16	20.5	14.4	17.5	+0.8	23.9	11,30	11.3	17	16.8	15.3	64	136	15	23	12	7	0	0	0	0	3	0	0	0	–	0	5.64	88	–
Halstead	70	22.7	13.1	17.9	–	29.4	11	10.0	2,17	17.4	15.2	46	–	17	30	12	8	0	0	0	0	3	0	0	–	–	0	–	–	–
Rettendon	16	22.4	13.2	17.8	–	27.7	11	8.5	2	–	–	55	–	19	30	8	6	0	0	0	0	2	–	0	0	–	0	6.92	–	–
Shoeburyness Landwick (A)	2	21.7	13.9	17.8	–	26.8	11	9.9	10	–	–	45	–	14	30	12	9	–	–	–	–	–	–	0	–	–	–	–	–	–
Southend	2	21.6	14.0	17.8	–	26.9	11	10.9	22	–	–	51	–	17	30	9	6	0	0	0	0	3	0	0	–	–	0	7.65	–	–
Stansted (A)	101	22.4	12.9	17.7	+1.6	28.2	11	9.0	17	16.8	–	45	83	13	24	11	6	0	0	0	0	4	0	0	0	0	0	–	–	–
Writtle	35	22.8	12.5	17.7	+1.4	28.6	11	8.1	22	18.0	–	47	106	15	30	8	6	0	0	0	0	2	0	0	0	–	0	6.86	117	–
4 MIDLAND COUNTIES																														
West Yorkshire																														
Bradford	134	21.2	12.5	16.9	+1.9	25.6	29	8.5	12	16.2	13.6	31	47	10	24	14	5	0	0	0	0	1	0	0	0	–	0	5.11	100	S
Bramham	54	22.0	12.0	17.0	+1.9	27.0	11	8.0	24	–	–	35	–	11	24	11	6	0	0	0	0	3	4	0	0	0	0	5.50	(105)	–
Emley Moor	259	20.2	12.2	16.2	–	26.0	11	10.4	2,17	–	–	41	–	10	24	11	10	0	0	–	–	–	–	0	0	–	–	–	–	–
Holme Moss	520	17.7	10.8	14.3	–	24.3	11	8.3	12	–	–	105	–	20	8	17	12	–	0	–	–	–	10	0	–	–	–	–	–	–
Leeds Weather Centre (X)	62	22.7	13.8	18.3	–	28.5	11	11.1	2	–	–	43	–	19	1	9	6	0	–	0	0	3	0	0	–	–	0	6.62	–	–
Wilsden (A)	262	20.0	11.9	15.9	–	25.7	11	9.0	2	–	–	46	–	18	24	15	6	0	0	0	0	2	0	0	0	0	0	–	–	–
South Yorkshire																														
Finningley (A)	10	23.3	12.6	17.9	–	28.6	29	8.4	24	17.1	–	46	–	25	24	10	6	0	0	0	0	5	0	0	0	0	0	7.15	–	–
Sheffield, Weston Park	131	22.2	13.2	17.7	+1.8	28.1	11	10.2	24	17.1	15.2	51	81	20	24	15	10	0	0	0	0	1	–	0	–	–	0	7.15	139	–
Derbyshire																														
Ashover	178	21.4	12.5	16.9	–	26.7	11,29	9.5	2	–	–	60	–	19	24	14	10	0	0	0	0	3	2	0	0	–	0	–	–	–
Buxton	307	20.3	12.0	16.1	+2.2	28.8	29	9.0	2	17.1	14.6	69	69	13	5	18	12	0	0	0	0	4	0	0	0	–	0	5.83	119	–
Wingerworth	116	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Nottinghamshire																														
Clarborough	21	23.6	12.5	18.1	–	28.8	11	8.3	21	17.9	15.0	23	–	13	24	8	4	–	0	–	–	–	0	0	0	–	–	6.55	–	S
Keyworth	69	22.5	13.2	17.9	–	28.2	29	10.5	24	–	–	54	–	14	13	8	7	0	0	0	0	4	0	0	0	–	0	–	–	–
Southwell	70	21.9	12.5	17.2	–	27.0	30	9.0	21	17.3	14.8	25	–	8	24	6	4	0	0	0	0	0	0	0	0	–	0	7.05	–	S
Sutton Bonington	48	22.3	12.6	17.5	+1.8	28.1	29	9.0	24	15.8	14.1	54	107	19	5	11	7	0	0	0	0	2	0	0	0	0	0	6.21	115	–
Warsop	46	(23.0)	11.9	17.5	+2.3	28.2	29	6.8	24	–	–	23	41	12	24	12	4	0	0	0	0	1	0	0	0	–	0	6.38	123	–
Nottingham W.C. (A)	117	22.2	12.9	17.5	+1.8	27.6	11	9.6	24	17.7	–	53	88	17	24	11	9	0	0	0	0	2	0	0	0	0	0	6.68	131	–
Wiseton	6	22.9	11.4	17.1	–	27.5	11,29, 30	7.0	21	–	–	22	–	11	24	11	3	0	0	0	0	1	0	0	–	–	0	6.82	–	–
Staffordshire																														
Cellarhead	228	(20.1)	(12.3)	16.2	–	25.6	29	9.7	2	–	–	70	–	10	2,30	18	13	0	0	–	–	–	–	0	0	0	–	–	–	–
Keele (A)	179	20.8	12.8	16.8	+1.9	26.4	29	9.6	24	16.0	13.1	58	86	12	30	14	10	0	0	0	0	1	0	0	0	0	0	5.97	116	S
Penkridge	101	21.7	13.1	17.4	+2.2	27.6	29	10.3	21	(16.3)	–	91	156	27	30	10	9	0	0	0	0	1	0	0	0	–	0	5.25	–	–
Leicestershire																														
Brooksby Hall	70	22.1	11.7	16.9	–	27.0	29	7.5	2	16.6	–	80	–	41	13	8	5	0	0	0	0	0	2	0	0	–	0	6.10	–	–
Caldecott	53	22.9	12.3	17.6	+1.9	27.6	11	8.2	22	–	–	52	107	25	30	11	5	0	0	0	0	2	0	0	0	–	0	6.36	115	–
Cottesmore	138	22.0	12.4	17.2	–	27.6	29	9.5	17	–	–	45	–	30	13	8	5	–	–	–	–	–	–	0	–	–	–	–	–	–
Newtown Linford	119	22.3	12.1	17.2	+1.8	27.7	29	8.1	24	–	–	47	81	20	30	8	5	0	0	0	0	4	0	0	0	–	0	6.29	119	S
Shropshire																														
Edge	126	21.0	12.5	16.7	–	27.5	29	9.9	17,21	–	–	88	–	31	30	14	12	0	0	0	0	1	0	0	0	–	1	–	–	–
Ludlow College	107	21.8	12.7	17.3	–	27.3	29	7.6	21	–	–	86	–	34	30	13	8	0	0	0	0	1	0	0	–	–	0	–	–	–
Nethercott	150	21.7	12.1	16.9	–	26.5	29	8.5	21	–	–	79	–	33	30	11	7	0	0	0	0	1	0	0	0	–	0	–	–	–
Newcastle-on-Clun	210	20.6	11.8	16.2	–	26.5	29	7.7	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Oswestry School	139	21.0	13.0	17.0	–	26.7	29	10.2	21	–	–	64	–	18	30	15	11	0	0	0	0	1	0	0	–	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation															
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
4 MIDLAND COUNTIES - Continued																														
Shropshire - Continued																														
Pennerley	357	20.6	11.3	15.9	–	23.7	5	7.6	1	–	–	151	–	61	30	18	12	0	0	0	0	1	0	0	–	0	–	–	–	
Preston Montford	67	21.7	12.1	16.9	–	27.3	29	9.5	17	16.4	14.6	83	–	29	30	14	11	0	0	0	0	1	0	0	0	–	0	6.28	–	S
Shawbury (A)	72	21.6	12.5	17.1	+1.6	27.5	29	8.2	27	16.0	–	72	117	17	30	13	8	0	0	0	0	1	0	0	0	0	0	6.30	116	–
West Midlands																														
Birmingham Elmdon Airport (A)	98	22.3	12.5	17.4	+1.7	28.5	29	8.5	22	16.2	–	109	210	50	30	10	7	0	0	1	0	1	0	0	0	0	0	6.34	110	–
Winterbourne	140	21.9	12.9	17.4	–	27.8	29	9.6	21,22	17.9	15.0	99	–	39	30	10	8	0	0	0	0	3	0	0	0	0	0	6.08	–	–
Halesowen	155	22.5	12.6	17.5	+1.6	28.6	29	8.0	21	17.0	14.2	99	158	37	30	15	9	0	0	0	0	1	0	0	0	0	0	6.42	113	S
Walsall	163	22.1	12.9	17.5	+1.6	28.6	29	10.0	21	–	–	91	–	32	30	12	8	0	0	0	0	0	–	0	0	–	0	–	–	–
Warwickshire																														
Coventry (Bablake)	93	22.7	13.6	18.1	–	28.4	29	10.3	22	18.7	15.5	104	–	53	30	8	6	0	0	0	0	1	0	0	0	0	0	6.63	–	–
Rugby	117	22.4	12.2	17.3	(+1.3)	27.4	29	8.5	2	18.5	16.4	98	168	40	2	10	5	0	0	0	0	1	–	0	0	0	0	–	–	–
Stratford-upon-Avon	49	22.7	12.3	17.5	+1.5	28.3	29	7.8	2,22	17.9	–	78	134	37	30	13	9	–	0	–	–	–	0	0	0	–	–	6.35	112	S
Wellesbourne	47	23.0	12.6	17.8	+1.8	29.2	29	8.6	22	17.7	15.8	80	157	36	30	11	7	0	0	0	0	1	0	0	0	0	0	6.93	121	–
Northamptonshire																														
Moulton Park	122	22.1	12.6	17.3	–	27.2	29	10.0	13	17.6	15.3	82	–	35	30	9	6	0	0	0	0	4	–	0	0	–	0	6.28	–	S
Raunds	59	23.3	12.7	18.0	+1.8	28.9	29	10.0	2	18.5	14.7	47	88	18	30	9	7	0	0	0	0	3	0	0	0	–	0	–	–	S
Hereford & Worcester																														
Astwood Bank	139	22.1	12.7	17.4	–	27.5	29	10.1	2	–	–	81	–	35	30	13	9	0	0	0	0	2	0	0	0	–	0	–	–	–
Barbourne	25	23.2	13.2	18.2	–	30.5	29	10.2	21,22	–	–	93	–	34	30	11	9	0	0	0	0	3	0	0	0	–	0	–	–	–
Batchley Farm	247	19.8	12.0	15.9	–	24.6	29	9.5	2,17, 21	15.1	–	85	–	26	30	12	10	0	0	0	0	1	–	0	0	–	0	–	–	–
Great Malvern	44	22.9	13.6	18.3	–	28.6	29	10.8	2,22	–	–	97	–	25	30	14	10	0	–	–	–	–	–	0	–	–	–	–	–	–
Lyonshall	155	21.1	12.4	16.7	+1.2	26.2	29	8.5	2	–	–	85	151	22	30	15	9	–	0	–	–	–	–	0	0	–	–	–	–	–
Madley	77	21.5	11.9	16.7	–	26.5	29	8.4	2	–	–	67	–	18	17	12	10	0	0	0	0	2	0	0	0	–	0	–	–	–
Malvern	62	22.4	13.6	18.0	+1.4	28.1	29	10.9	2,22	18.0	14.8	97	159	24	30	14	10	0	0	0	0	2	0	0	0	–	0	5.99	100	S
Pershore College of Hort	40	22.3	13.4	17.9	+1.4	28.1	29	10.9	22	–	–	79	144	23	30	12	9	0	0	0	0	1	0	0	0	–	0	–	–	S
Preston Wynne	84	21.0	12.7	16.9	+1.4	26.6	29	9.2	21	–	–	80	150	23	30	11	10	0	0	0	0	1	0	0	0	–	0	6.05	100	–
Ross on Wye	67	22.0	13.4	17.7	+1.5	27.7	29	9.9	2	17.8	–	78	148	21	30	9	8	0	0	0	0	2	0	0	0	–	0	6.62	116	–
Gloucestershire																														
Cheltenham	65	23.1	12.9	18.0	+1.2	28.2	29	9.9	17	–	15.3	101	187	28	30	15	14	0	0	0	0	1	0	0	–	–	2	7.08	122	–
Cirencester	135	21.8	12.3	17.1	–	27.2	6	8.1	22	17.3	–	75	–	26	17	16	9	0	0	0	0	1	–	0	0	–	0	–	–	–
Didbrook Fields	80	21.8	12.7	17.3	–	27.2	29	7.9	2	–	–	79	–	28	30	14	7	0	0	0	0	1	0	0	–	–	0	–	–	–
Randwick	200	(20.8)	(12.4)	16.6	–	26.1	29	8.5	17	16.6	–	84	–	27	17	14	9	0	0	0	0	0	–	0	0	–	0	–	–	–
Slimbridge	5	21.5	13.0	17.3	–	27.5	4,29	9.3	22	–	–	69	–	24	30	12	9	0	0	1	0	1	0	0	0	–	0	–	–	–
Westonbirt	122	20.8	12.0	16.4	–	26.2	29	8.0	2	17.9	15.3	75	–	24	17	14	10	0	0	0	0	1	1	0	0	–	0	5.51	–	S
Oxfordshire																														
Benson (A)	67	22.5	13.6	18.1	–	27.9	29	10.0	17	–	–	81	169	25	30	12	8	–	–	–	–	–	–	0	–	–	–	–	–	–
Brize Norton (A)	81	22.0	12.9	17.5	+1.2	28.3	29	8.1	2	17.3	–	66	–	23	30	11	8	0	0	0	0	2	0	0	0	0	0	6.91	–	–
Oxford (A)	63	22.2	13.7	17.9	+1.1	27.4	29	10.6	2,17	18.9	16.1	93	175	33	30	11	9	0	0	0	0	0	0	0	0	0	0	7.01	113	–
Shirburn (Model Farm)	108	22.4	12.6	17.5	–	27.6	29	9.1	17	18.5	16.1	86	–	28	30	12	9	0	0	0	0	3	0	0	0	–	0	–	–	–
Wallingford	48	22.6	12.7	17.7	(+1.7)	28.5	29	7.4	17	17.7	–	76	–	24	30	13	8	0	0	0	0	2	–	0	0	–	0	6.11	(102)	S
Buckinghamshire																														
Grendon Underwood	67	22.4	11.6	17.0	+1.4	26.9	29	6.7	17	17.8	–	110	201	40	30	10	10	–	0	–	–	–	0	0	0	–	–	–	–	S
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	23.0	13.7	18.3	(+0.8)	27.6	11	9.2	17	–	–	63	128	25	30	8	5	0	0	0	0	1	0	0	0	–	0	6.35	108	S
Hampstead	137	22.1	13.5	17.8	+1.2	26.7	11	10.6	17	–	–	67	–	26	30	11	6	0	0	0	0	1	0	0	0	–	0	–	–	–
Heathrow Airport (A)	25	23.2	14.4	18.8	+1.4	28.5	29	10.6	17	–	–	93	182	29	30	9	6	0	0	0	0	1	0	0	0	0	0	7.05	115	–
Kew Royal Botanic Gardens	6	22.9	13.8	18.3	–	27.5	29	9.3	17	18.2	16.0	84	159	31	30	8	6	0	0	0	0	0	0	0	0	0	0	7.32	–	–
London Weather Centre (A) (X)	77	23.0	15.5	19.3	–	27.5	11	11.1	2	–	–	75	–	24	30	7	6	0	–	0	1	3	0	0	–	–	0	7.21	–	–
Northolt	34	23.2	14.0	18.6	–	28.6	29	9.8	17	–	–	81	–	28	2	8	7	0	0	0	0	2	0	0	0	0	0	–	–	–
Northwood	85	22.4	13.7	18.1	–	27.8	29	10.2	17	–	–	80	–	28	2	7	6	0	0	0	0	0	1	0	–	–	0	–	–	–
St James's Park	9	23.0	14.9	18.9	+1.1	27.9	11	11.3	17	19.4	17.1	67	132	23	30	9	7	–	0	–	–	–	–	0	0	–	–	–	–	–
Waltham Cross	32	23.3	11.8	17.5	–	28.3	11	6.1	17	18.5	–	72	–	25	30	7	5	–	0	–	–	–	–	0	–	–	–	(5.99)	–	S
Wiltshire																														
Boscombe Down (A)	126	21.1	12.7	16.9	+0.9	27.0	4,5	9.5	17	–	–	95	217	20	24	16	12	–	–	–	–	–	–	0	–	–	–	–	–	–
Lacock	49	21.5	12.4	16.9	+1.0	27.7	29	8.9	2	–	–	73	137	25	17	12	6	0	0	0	0	2	0	0	0	–	0	–	–	–
Larkhill	132	20.9	12.4	16.7	+0.8	26.4	5,29	9.0	10	–	–	84	–	19	17	13	11	–	–	–	–	–	–	0	–	–	–	–	–	–
Lyneham (A)	145	21.2	12.9	17.1	+1.2	27.4	29	9.7	2	–	–	74	142	22	17	15	11	0	0	0	0	2	0	0	0	0	0	6.65	101	–
Marlborough	129	21.7	11.7	16.7	+1.3	27.4	29	8.0	10	–	–	78	147	19	17	15	10	0	0	0	0	2	0	0	–	–	0	6.59	(107)	–
Netheravon	129	20.9	12.1	16.5	–	27.0	29	9.0	10	–	–	75	–	17	17	13	10	–	–	–	–	–	–	0	–	–	–	–	–	–
Berkshire																														
Arborfield	49	22.2	12.7	17.5	–	28.0	29	7.7	17	–	–	74	–	21	30	10	8	0	0	0	0	1	0	0	0	–	0	6.84	–	–
Easthampstead	74	22.1	13.0	17.5	–	27.7	29	8.8	10	18.2	16.2	86	–	22	30	13	8	0	0	0	0	3	0	0	0	0	0	7.18	–	–
Hurley	43	22.5	13.0	17.7	+1.4	27.2	29	8.7	17	18.1	–	78	140	21	30	10	7	0	0	0	0	2	0	0	0	–	0	6.93	115	–
Lambourn (Warren Farm)	192	20.6	12.0	16.3	–	26.3	29	8.6	2	16.4	–	71	–	18	17	14	8	–	0	–	–	–	–	0	–	–	–	–	–	–
Reading	66	22.1	13.5	17.8	–	27.6	29	9.8	10	17.6	15.4	76	–	20	30	11	8	0	0	0	0	1	0	0	0	0	0	6.42	–	–
Surrey																														
Merrist Wood	45	22.4	12.9	17.7	–	26.5	4	8.9	10	17.6	–	84	–	24	30	15	10	0	0	0	0	3	–	0	0	–	0	7.02	–	–
Mickleham	55	22.8	12.4	17.6	+1.6	29.5	29	7.5	17	18.5	16.2	87	164	23	30	15	11	0	0	0	0	3	0	0	0	–	0	–	–	–
Wisley	32	22.6	13.2	17.9	+1.2	28.2	29	9.0	17	18.3	16.2	84	162	25	30	13	8	0	0	0	0	2	1	0	0	–	0	7.06	113	S
Kent																														
Anvil Green	139	20.1	12.8	16.5	–	24.5	29	10.7	29	–	–	92	–	16	23	17	11	0	0	0	0	2	0	0	0	–	0	–	–	–
Charing	91	21.2	13.1	17.1	–	26.0	29	9.6	17	–	–	80	–	14	2	13	9	0	0	0	0	2	1	0	0	–	0	–	–	–
East Malling (A)	33	22.0	13.3	17.7	+1.2	26.2	23,29	9.9	17	16.8	16.6	61	117	13	30	12	8	–	0	–	–	1	0	0	0	–	0	7.15	112	–
Edenbridge	45	22.3	12.4	17.3	–	27.0	29	7.3	2	–	–	86	–	21	30	10	9	0	0	0	0	0	–	0	–	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max (A)	Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																												
Kent - Continued																												
Elmstone	5	22.9	12.5	17.7	–	27.7	11	8.5	22	–	–	70	–	15	23	14	10	0	0	0	0	3	0	0	–	–	0	–	–	–
Folkestone	31	20.4	13.8	17.1	–	26.5	29	10.9	22	–	15.8	96	–	31	23	15	11	0	0	0	0	1	1	0	0	–	0	7.00	101	–
Goudhurst	85	21.8	12.6	17.2	+1.3	26.6	29	8.8	17	–	–	75	134	20	30	12	10	0	0	0	0	0	0	0	0	–	0	–	–	–
Hadlow College	27	22.3	12.2	17.3	–	27.1	29	6.2	2	17.0	–	76	–	17	30	11	7	0	0	0	0	1	0	0	–	–	0	5.42	–	–
Herne Bay	27	21.6	13.8	17.7	–	27.2	11	11.6	28	17.9	14.6	66	–	14	23	13	8	0	0	0	0	2	0	0	0	0	0	7.20	–	–
Manston (A)	44	21.2	13.6	17.4	+0.8	26.5	11	10.7	28	18.3	–	78	166	25	23	14	9	0	0	0	0	4	0	0	0	0	0	6.92	–	–
Margate, North Down	40	21.4	14.1	17.7	–	27.7	11	12.2	18	19.7	–	82	–	25	23	18	9	0	0	0	0	2	0	0	0	–	0	–	–	–
Ulcombe	47	22.1	13.0	17.5	–	26.7	11	9.2	17	–	–	65	–	13	30	14	8	0	0	0	0	2	0	0	0	0	0	6.57	–	–
Wye	56	21.2	13.3	17.3	+1.1	26.3	29	10.0	10	17.4	15.6	78	137	17	2	12	9	0	0	0	0	1	1	0	0	–	0	6.33	102	–
Hampshire																												
Alice Holt Lodge	115	21.8	12.3	17.1	+1.1	27.5	29	7.5	17	–	–	83	147	17	30	16	10	0	0	0	0	2	0	0	0	–	0	6.61	108	S
Butser, Windmill Hill	160	21.6	12.3	16.9	–	27.9	29	9.0	2	17.9	15.4	107	–	24	17	15	12	0	0	0	0	2	0	0	0	–	0	–	–	–
Everton	16	20.5	13.0	16.7	+0.6	28.2	4	7.0	17	–	–	63	127	21	17	13	11	0	0	0	0	1	0	0	0	–	0	7.18	100	–
Hayling Island	4	20.6	14.3	17.5	+0.7	27.9	4	10.4	2	–	–	69	157	21	17	12	11	0	0	0	0	2	0	0	–	–	0	8.08	111	–
Kingsclere, Strattons Farm	102	21.9	12.4	17.1	–	27.8	29	8.2	10,17	–	–	70	–	18	30	15	11	0	0	0	0	3	0	0	0	–	0	–	–	–
Leckford	117	21.0	12.3	16.7	+0.8	25.8	29	9.0	10	16.7	–	110	203	25	5	17	14	0	0	0	0	0	0	0	–	–	0	6.75	109	–
Long Sutton	145	21.1	12.6	16.9	(+1.0)	26.6	29	9.7	17	18.7	15.9	73	119	17	30	14	10	0	0	0	0	2	0	0	0	0	0	7.18	116	–
Martyr Worthy	84	21.9	12.6	17.3	(+1.4)	27.3	5	8.0	17	–	–	91	–	19	17	14	11	0	0	0	0	2	0	0	0	–	0	–	–	–
Middle Wallop	90	21.7	12.9	17.3	–	28.0	29	9.0	17	–	–	106	–	21	17	15	13	–	–	–	–	–	–	0	–	–	–	–	–	–
Odiham	118	21.6	13.3	17.5	–	27.4	29	9.8	17	–	–	81	–	17	30	13	11	0	0	0	0	3	0	0	0	0	–	7.21	–	–
Otterbourne	34	21.7	13.1	17.4	–	28.8	5	8.0	17	18.8	16.3	102	–	24	5	16	12	–	0	–	–	–	–	0	0	–	–	–	–	–
Solent M R S C	9	20.9	14.5	17.7	–	29.4	4	12.2	17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	–	–	–	–	–
Southampton																														
Mayflower Park	3	21.5	14.1	17.8	–	29.5	4	9.9	17	18.3	16.2	70	–	21	17	16	11	0	0	0	0	0	0	0	0	0	0	7.08	–	S
Weather Centre (X)	19	22.2	14.4	18.3	–	29.7	4	10.6	17	–	–	71	–	20	17	15	11	–	–	0	0	3	0	0	–	0	0	–	–	–
South Farnborough	69	22.5	13.3	17.9	+1.3	28.5	29	8.4	17	–	–	85	–	24	30	13	8	–	–	–	–	–	–	0	–	–	–	–	–	–
Southsea	2	20.7	14.6	17.7	+0.5	28.1	4	12.0	2,17	18.4	16.2	69	154	22	17	13	9	0	0	0	0	2	0	0	0	–	0	8.09	113	–
Sparsholt	113	(21.4)	(12.7)	17.1	–	26.6	29	9.2	17	–	–	107	184	25	5	16	12	0	0	0	0	1	0	0	0	–	0	–	–	–
Isle of Wight																												
Ryde	4	20.7	14.3	17.5	+0.4	25.0	4, 5	11.7	2	–	–	71	150	19	17	13	12	0	0	0	0	2	0	0	–	–	0	–	–	–
St Catherines Point	16	–	–	–	–	–	–	–	–	–	–	61	132	15	17	13	13	–	–	–	–	–	–	–	–	–	–	–	–	–
Sandown	4	20.5	13.9	17.2	+0.3	25.2	5	9.1	22	–	–	67	–	18	5	13	12	0	0	0	0	1	0	0	–	–	0	7.85	102	–
Shanklin	55	19.6	13.1	16.3	+0.2	23.8	5	9.9	2	–	–	63	115	19	17	15	12	0	0	1	0	3	2	0	–	–	0	8.17	101	–
Ventnor Park	135	19.1	13.6	16.3	+0.1	25.1	4	10.9	2, 3	17.7	–	62	115	17	17	14	11	0	0	0	0	3	2	0	–	–	0	7.38	100	–
Wellow	25	20.2	12.8	16.5	–	27.2	4	8.9	17	–	–	72	–	18	17	14	12	–	–	–	–	–	–	0	–	–	–	–	–	–
West Sussex																												
Bognor Regis	7	19.9	14.4	17.1	+0.7	27.8	5	11.1	17	–	15.9	79	165	20	24	16	10	0	0	0	0	2	0	0	0	–	0	8.13	113	–
Gatwick Airport (A)	59	22.0	13.2	17.6	+1.4	28.0	29	8.0	17	18.9	–	103	202	25	30	13	11	0	0	0	0	3	0	0	0	0	0	7.51	117	–
Rogate	64	21.7	12.5	17.1	–	27.0	4,29	8.4	17	18.4	–	80	–	17	17	12	10	0	0	0	0	0	0	0	0	–	0	6.19	–	S
Rustington	3	20.8	13.5	17.1	–	27.6	5	9.2	17	–	15.7	69	–	18	17	15	10	0	0	0	0	2	0	0	0	–	0	7.69	–	–
Worthing	2	20.0	13.8	16.9	–	28.2	4	10.0	17	17.9	–	74	–	17	24	16	8	0	0	0	0	3	0	0	0	–	0	7.25	101	–
East Sussex																												
Bexhill	4	20.0	14.2	17.1	+0.8	26.5	5,29	10.8	17	18.0	15.6	119	232	25	23	14	11	0	0	0	0	0	0	0	0	–	0	5.91	87	–
Brede	82	–	–	–	–	–	–	–	–	–	–	95	–	20	2	12	9	–	–	–	–	–	–	–	–	–	–	–	–	–
Brighton	116	20.0	13.5	16.7	–	26.8	4	10.5	17	–	–	103	–	17	2	15	10	0	0	0	0	2	4	0	0	–	0	–	–	–
Eastbourne	7	19.7	14.4	17.1	+0.6	25.4	5	11.3	2	17.7	15.9	132	231	33	2	15	11	0	0	0	0	3	2	0	0	–	0	7.51	99	–
East Hoathly	38	21.1	12.4	16.7	–	27.4	4	7.0	17	–	–	115	–	26	2	14	11	0	0	–	–	–	–	0	0	0	–	6.75	–	–
Hastings	45	20.0	14.0	17.0	+0.6	26.1	4	11.4	2	18.5	16.2	118	231	30	23	14	12	0	0	0	0	5	1	0	0	0	0	6.78	99	–
Herstmonceux (A)	17	20.6	13.1	16.9	–	26.0	5,29	9.3	22	–	–	142	–	42	23	14	10	0	0	0	0	6	0	0	0	0	0	7.15	–	–
Plumpton	76	20.8	13.2	17.0	–	26.5	5	9.4	22	–	–	148	214	37	5	18	11	0	0	0	0	1	0	0	0	–	0	6.43	–	–
7A ENGLAND NW & I.o.M.																												
Cumbria																												
Aspatria	61	20.7	13.0	16.9	–	26.3	4	10.2	22	–	–	44	–	14	31	13	10	0	0	0	0	0	0	0	0	–	0	6.50	–	–
Carlisle (A)	26	20.3	13.2	16.7	+1.8	24.9	29	7.7	21	–	–	50	74	10	8	14	10	–	–	–	–	–	–	0	–	–	–	–	–	–
Casterton	129	20.5	12.7	16.6	–	26.9	30	8.8	17	–	–	65	–	19	8	15	10	0	0	0	0	3	0	0	0	–	0	–	–	–
Eskmeals (A)	8	20.9	14.0	17.5	–	27.9	29	9.8	21	16.6	14.8	53	–	12	8	14	11	–	–	–	–	–	–	0	0	0	–	–	–	–
Grizedale	91	(19.9)	(10.5)	15.2	–	25.6	28	5.3	21	(16.0)	–	100	75	33	8	15	12	0	–	0	0	0	–	0	0	–	0	–	–	–
Newton Rigg	171	21.3	12.1	16.7	+2.4	26.9	6	6.4	21	17.4	–	48	73	14	31	14	9	0	0	0	0	1	0	0	0	–	0	5.40	107	–
Sellafield (A)	22	20.6	13.1	16.9	–	27.0	5,30	9.7	21	–	–	59	–	9	8	17	13	–	–	–	–	–	–	0	0	–	–	5.00	–	–
Stainburn	26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whins Pond	125	–	–	–	–	–	–	–	–	–	–	40	–	13	31	16	9	0	0	0	0	0	–	–	–	–	0	–	–	–
Lancashire																												
Aughton (A)	54	21.0	13.9	17.5	–	28.0	29	11.5	2	17.0	15.0	54	–	24	2	16	11	0	0	0	0	5	0	0	0	0	0	6.27	–	–
Hazelrigg	95	20.1	13.4	16.7	–	25.9	29	10.9	12	15.6	13.5	49	–	18	8	13	11	0	0	0	0	3	0	0	0	0	0	4.83	–	–
Lathom Park	55	21.1	13.6	17.3	–	27.4	29	10.9	9	18.4	–	79	–	23	30	15	14	0	0	0	0	6	–	0	–	–	0	5.62	–	S
Morecambe	7	21.0	14.7	17.9	+2.1	27.3	29	11.5	12	–	–	45	59	15	8	12	9	0	0	0	0	2	0	0	–	–	0	5.75	103	–
Myerscough	14	21.8	13.6	17.7	–	27.4	29	9.8	2	–	15.8	53	–	15	8	14	12	0	0	0	0	3	–	0	0	–	0	5.03	–	S
Preston	33	21.2	14.0	17.6	+2.3	27.0	29	10.5	2	–	–	58	74	11	11	15	13	0	0	0	1	4	0	0	–	–	0	–	–	–
Slaidburn	192	19.9	12.3	16.1	+2.0	24.7	29	8.9	2	–	–	71	63	15	8	16	12	0	0	0	0	0	–	0	0	–	0	5.41	110	S
Squires Gate Airport (A)	10	21.2	14.0	17.6	+2.2	28.5	29	11.0	7	–	–	57	84	16	2	17	14	0	0	0	0	5	0	0	0	0	0	6.34	104	–
Merseyside																												
Aigburth (A)	12	21.8	14.6	18.2	–	26.7	28	12.2	2	–	–	62	–	14	30	15	12	0	0	0	1	2	0	0	0	0	0	–	–	–
Bidston	60	21.2	14.4	17.8	–	27.8	29	12.1	18	–	–	49	83	12	30	16	12	0	0	0	0	3	0	0	0	–	0	5.91	–	–
Crosby	6	21.0	14.3	17.7	–	28.7	29	10.6	2	–	–	44	–	13	30	14	9	0	–	0	0	2	0	0	–	–	1	–	–	–
Southport, Greenbank	15	21.1	14.2	17.7	–	28.3	29	12.4	12,24, 27	18.0	16.1	49	–	14	2	15	10	0	0	0	0	4	0	0	0	0	0	6.43	–	–
Greater Manchester																												
Bolton	107	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Manchester Ringway Airport (A)	75	21.6	13.6	17.6	+2.0	28.6	29	10.1	2	–	–	49	62	9	5	17	13	0	0	0	0	6	0	0	0	0	0	5.63	109	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation												
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average *	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average *	Exposure
7A ENGLAND NW & I.o.M. - Continued																												
Cheshire																												
Bradeley Green	115	(21.0)	(12.8)	16.9	—	26.9	29	10.6	21	—	—	(81)	—	(24)	2	16	10	0	—	0	0	2	—	0	—	—	0	—	—	—
Delamere Forest	68	22.3	12.2	17.3	—	27.0	29	9.0	16	—	—	53	—	17	1	12	10	0	0	0	0	4	0	0	0	—	0	—	—	—
Knutsford	65	22.0	13.3	17.7	(+2.1)	28.0	29	10.0	2	17.4	15.3	67	—	19	30	13	11	0	0	0	0	4	—	0	0	—	0	—	—	—
Macclesfield	143	21.2	13.1	17.1	+1.9	27.4	29	9.9	2	—	—	68	81	10	17	15	13	0	0	0	0	6	0	0	—	—	0	—	—	—
Nantwich, Reaseheath Hall	40	22.2	12.8	17.5	—	28.5	29	10.0	7	—	—	59	—	12	2	13	11	0	0	0	0	1	0	0	0	—	0	—	—	—
Ness Gardens	30	21.6	13.5	17.5	—	28.6	29	10.6	16	17.4	—	54	—	13	1	12	8	0	0	0	0	2	0	0	0	—	0	5.50	—	S
Isle of Man																												
Douglas	85	18.6	12.9	15.7	+1.5	24.4	29	9.2	2	—	—	60	82	12	17	14	12	0	0	0	0	1	2	0	0	—	0	3.91	62	—
Point of Ayre (A)	9	19.5	12.3	15.9	+1.0	23.2	27	8.6	2	—	—	28	53	7	22	15	8	0	0	0	0	3	0	0	—	—	0	5.14	84	—
Ronaldsway Airport (A)	16	19.2	13.0	16.1	+1.8	25.9	29	9.5	17	—	—	43	75	11	30	14	10	0	0	0	0	1	0	0	0	0	0	5.51	90	—
7B WALES N																												
Gwynedd																												
Aber	10	20.8	13.4	17.1	—	27.1	29	8.6	2	16.6	—	24	—	7	11	14	10	0	0	0	0	1	0	0	—	—	0	5.61	—	—
Amlwch, Anglesey	114	18.9	12.6	15.7	—	24.5	29	10.2	12	—	—	28	—	6	8	17	12	0	0	0	0	1	3	0	0	—	0	—	—	—
Arthog, Fegla Fach Farm	7	20.9	(13.6)	17.3	—	26.5	5	9.1	3	—	—	91	—	30	30	18	14	0	0	0	0	0	—	0	—	—	0	—	—	—
Bala	163	19.4	11.8	15.6	—	25.5	4	6.9	2	16.1	14.4	80	97	15	30	17	13	0	0	0	0	2	0	0	0	0	0	4.40	—	—
Betws-y-Coed	20	21.3	12.6	16.9	—	27.5	29	7.5	2	17.0	14.2	51	—	12	8	17	13	0	0	0	0	2	0	0	0	0	0	—	—	—
Botwnnog	34	(20.0)	(12.7)	16.3	—	26.8	4	9.4	18	(17.7)	15.5	57	—	19	30	17	13	0	0	0	0	0	—	0	0	—	1	—	—	—
Dinorwic	296	19.0	12.2	15.6	—	24.9	29	8.5	2	—	—	81	—	19	8	20	15	0	0	0	0	1	2	0	0	—	2	—	—	—
Llanymawddwy	145	19.5	12.3	15.9	—	25.6	29	5.8	2	—	—	175	—	35	30	19	15	0	0	0	0	2	0	0	0	—	0	—	—	—
Nantmor	58	(20.2)	(13.3)	16.7	—	(27.0)	4,29	8.4	2	—	—	125	—	26	8	23	16	0	0	0	0	3	0	0	—	—	0	—	—	—
Pen-y-Ffridd	84	20.6	13.1	16.9	+1.8	25.6	6	8.9	2	—	—	30	41	5	11	15	10	0	0	0	0	0	0	0	0	—	0	4.39	83	S
Trawsfynydd (A)	193	18.9	11.6	15.3	—	25.9	4,29	7.2	2	—	—	117	—	25	8	22	16	0	0	0	0	2	1	0	0	0	0	—	—	—
Valley (A)	10	19.8	13.6	16.7	+1.6	27.3	29	10.3	2	17.2	—	25	44	4	5	14	11	0	0	0	0	2	2	0	0	0	0	5.57	90	—
Clwyd																												
Alwen	335	18.7	10.7	14.7	+1.9	24.4	29	5.7	2	—	—	51	61	10	24	21	16	0	0	0	0	0	0	0	0	—	0	—	—	—
Colwyn Bay	36	20.7	13.3	17.0	—	27.1	29	10.0	2	16.9	—	19	—	4	2	16	8	0	0	0	0	1	0	0	—	—	0	5.82	—	—
Cynwyd	208	—	—	—	—	—	—	—	—	—	—	67	—	10	30	17	15	—	—	—	—	—	—	—	—	—	—	—	—	—
Hawarden Bridge	5	22.4	13.7	18.1	+2.0	28.7	29	10.0	19	—	—	57	100	18	2	14	9	0	0	0	0	2	0	0	—	—	0	—	—	—
Llanarmon Dyffryn Ceiriog	267	19.4	11.3	15.3	—	25.0	29	7.8	2, 7	—	—	70	—	18	30	17	9	0	0	0	0	2	1	0	—	—	0	—	—	—
Loggerheads	210	20.1	11.7	15.9	+1.8	25.7	29	8.4	2	15.7	13.8	68	98	17	2	14	10	0	0	0	0	1	0	0	0	—	0	5.80	—	S
Moel-y-Crio	263	19.4	12.2	15.8	—	25.2	29	10.1	2,21	16.0	—	68	—	19	2	16	10	0	0	0	1	3	1	0	0	—	0	5.48	—	—
Prestatyn	4	—	—	—	—	—	—	—	—	—	—	(35)	69	9	1	12	7	0	0	0	0	1	—	—	—	—	0	—	—	—
Ruthin	76	21.4	12.7	17.1	(+2.2)	26.6	29	8.3	2	—	—	48	88	16	24	13	8	0	0	0	0	0	0	0	—	—	0	4.75	—	S
Powys (North)																												
Lake Vyrnwy	360	19.1	11.0	15.1	—	24.5	5,29	6.5	22	—	—	125	—	32	30	18	14	0	0	0	0	2	0	0	—	—	0	—	—	—
Llanfair Caereinion	236	19.8	11.9	15.9	—	26.0	29	9.6	2	16.2	—	110	—	39	30	18	12	0	0	0	0	1	0	0	0	—	0	—	—	—
Machynlleth	76	(20.4)	(12.2)	16.3	—	27.4	29	7.1	2	—	—	158	—	40	30	17	11	0	0	0	0	0	—	0	0	—	0	—	—	—
Moel Cynnedd	358	18.5	10.6	14.5	—	24.6	29	5.3	2	13.7	—	137	—	32	8	20	16	0	0	0	0	0	—	0	0	—	0	—	—	—
Newtown	120	21.4	—	—	—	26.6	29	—	—	—	—	87	—	28	30	16	14	0	0	0	0	2	—	—	0	—	0	—	—	—
8A WALES S																												
Dyfed																												
Aberporth (A)	134	18.9	13.0	15.9	+1.3	27.1	4	10.5	17	16.2	—	80	—	31	30	16	11	0	0	0	0	1	1	0	0	0	0	5.48	90	—
Brawdy (A)	111	18.2	12.8	15.5	—	26.9	5	9.5	17	—	—	113	168	33	17	17	15	0	0	0	0	2	4	0	0	0	0	5.21	—	—
Carmarthen Museum	9	(20.6)	(12.8)	16.7	—	27.5	5	9.2	18	—	—	114	—	27	17	18	14	0	0	0	1	0	—	0	0	—	0	—	—	—
Cwmystwyth	301	(18.8)	(11.8)	15.3	—	24.6	29	6.8	2	—	—	133	—	31	30	15	14	—	0	—	—	—	—	0	0	—	1	4.25	—	S
Dale Fort	33	18.7	13.5	16.1	+0.6	25.8	5	12.0	16,17	16.2	—	102	218	28	17	16	15	0	0	0	0	2	1	0	0	—	0	5.75	81	—
Gogerddan	31	20.0	13.7	16.9	+1.8	26.9	29	8.6	2	17.0	—	109	—	30	30	15	11	0	0	0	0	3	0	0	0	—	0	5.36	97	—
Milford Haven (A)	37	18.4	13.5	15.9	(+0.5)	26.9	5	11.8	17	—	—	101	—	29	17	16	14	0	0	0	0	1	1	0	0	0	0	—	—	—
Orielton	61	18.7	13.3	16.0	—	26.8	5	10.8	17	16.5	—	108	—	35	17	18	14	0	0	0	0	0	3	0	0	—	0	—	—	—
Rhandirmwyn	168	19.4	12.1	15.7	—	25.5	29	7.5	22	—	—	119	—	21	30	17	14	0	0	0	0	0	—	0	—	—	0	—	—	—
Saron	152	19.2	12.5	15.9	—	26.6	4	8.7	17	—	—	132	—	35	30	16	14	0	0	0	0	0	0	0	0	—	1	—	—	—
Scolton Country Park	77	19.3	12.5	15.9	—	27.3	5	7.5	17	—	—	120	—	30	17	18	16	0	0	0	0	1	2	0	0	—	0	—	—	—
Skokholm Island	34	(17.6)	(13.4)	15.5	—	25.2	5	11.9	2	—	—	95	—	25	17	16	13	0	0	0	0	0	—	0	0	—	2	—	—	—
St Clears	40	(20.2)	(12.8)	16.5	—	27.6	5	8.4	17	—	—	(95)	—	26	17	15	14	0	0	0	0	0	—	0	0	—	0	—	—	—
Swyddffynnon	168	18.9	12.5	15.7	—	24.9	29	8.3	22	—	—	95	—	25	30	15	14	0	0	0	0	1	0	0	0	—	0	4.25	—	—
Talgareg	198	19.2	11.5	15.3	—	25.9	4	6.0	17	—	—	124	—	33	30	16	12	0	0	0	0	1	1	0	0	—	0	—	—	—
Tenby	5	18.8	13.2	16.0	—	25.3	5	9.1	17	—	—	89	—	30	17	21	13	0	0	0	0	0	2	0	—	—	0	4.95	—	—
Towy Castle	88	19.1	13.0	16.1	—	26.2	5	9.2	17	16.1	14.5	112	—	31	17	19	12	0	0	0	0	3	0	0	0	0	0	5.23	—	—
Whitechurch	129	19.8	12.4	16.1	—	27.3	5	8.3	17	17.3	14.5	128	—	36	30	17	13	0	0	0	0	1	0	0	0	—	0	—	—	—
Powys (South)																												
Bronydd Mawr	330	18.6	11.0	14.8	—	24.7	3	5.8	2	—	—	108	—	25	30	17	13	0	0	0	0	1	0	0	0	—	0	4.30	—	—
Llangenny	122	(20.5)	(12.8)	16.7	—	26.0	29	6.9	2	—	—	91	—	24	17	12	10	0	0	0	0	0	—	0	—	—	0	—	—	—
Llangunllo	310	19.2	11.8	15.5	—	24.1	29	6.8	2	14.9	—	98	—	23	30	16	15	0	0	0	0	1	0	0	0	—	0	—	—	—
Llysdinam	200	20.5	12.1	16.3	—	25.6	29	6.9	2	17.6	—	75	—	21	30	13	11	0	0	0	0	1	0	0	0	—	0	—	—	—
Pencelli	160	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
Presteigne	175	20.8	11.1	15.9	—	25.4	29	6.3	2	—	—	85	—	23	30	15	9	0	0	0	0	3	0	0	0	—	0	5.72	—	S
St Harmon	279	(19.1)	11.2	15.1	—	24.6	29	4.5	2	—	—	89	—	23	30	17	12	0	0	0	0	1	0	0	0	—	0	—	—	—
Velindre	152	21.0	12.6	16.8	—	26.2	29	6.6	2	17.4	15.2	69	—	20	30	16	10	0	0	0	1	2	0	0	0	—	0	—	—	—
West Glamorgan																												
Mumbles Head	35	18.8	14.2	16.5	(+0.8)	25.1	5	11.9	17	—	—	—	—	—	—	—	—	0	0	0	0	2	0	0	0	—	3	—	—	—
Neath	62	20.3	13.5	16.9	+0.8	27.3	29	10.2	22	—	—	99	109	33	17	16	13	0	0	0	0	1	0	0	—	—	0	—	—	—
Penmaen	87	19.4	13.4	16.4	—	26.9	5	10.3	17	17.0	15.8	106	—	49	17	17	12	0	0	0	0	1	0	0	0	0	0	5.30	—	—
Swansea	10	20.6	14.2	17.4	+0.9	29.4	5	11.3	17	19.6	17.3	96	115	41	17	14	12	0	0	0	0	0	0	0	0	0	0	5.08	—	—
Mid Glamorgan																												
Cilfynydd (A)	194	19.9	12.7	16.3	—	27.0	29	8.2	2	—	—	98	—	21	17	17	12	0	0	0	0	3	0	0	0	0	0	—	—	—
Cwmbargoed	372	18.1	11.7	14.9	—	24.5	29	7.1	2	—	—	96	—	21	17,30	17	12	0	0	—	—	—	—	0	0	—	—	—	—	—
Porthcawl	6	(20.7)	13.4	17.1	—	27.7	5	10.7	22	—	—	89	124	37	17	15	12	—	—	—	—	—	—	0	—	—	—	—	—	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation															
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
8A WALES S - Continued																														
South Glamorgan																														
Cardiff																														
Bute Park	9	21.1	13.8	17.5	—	27.8	5	9.4	2	18.1	16.2	83	—	29	17	14	10	—	0	—	—	—	0	0	0	—	—	5.60	—	S
Weather Centre (X)	58	21.3	14.3	17.8	—	28.1	5	11.2	2	—	—	79	—	28	17	14	10	0	—	0	0	3	0	0	—	—	0	—	—	—
Flat Holm	15	19.6	14.4	17.0	—	25.1	29	12.0	2	—	—	63	—	25	17	12	8	0	0	0	0	2	0	0	0	—	6	—	—	—
Rhoose Airport (A)	65	20.0	13.2	16.6	+0.9	26.2	5	8.9	2	—	—	82	—	34	17	14	11	0	0	0	0	2	0	0	0	0	0	5.97	91	—
Gwent																														
Crossway	140	21.4	11.6	16.5	—	26.5	5,29	8.0	2	—	—	74	—	24	30	9	8	0	0	0	0	1	0	0	—	—	0	—	—	—
Llanishan	180	20.6	12.8	16.7	—	25.5	29	10.0	17	—	—	74	—	22	17	13	10	0	0	0	0	0	0	0	—	—	0	—	—	—
Tredegar, Bryn Bach Park	380	19.0	11.0	15.0	—	24.6	29	6.5	2	—	—	113	—	23	17	16	13	—	0	—	—	—	1	0	0	—	—	—	—	—
Usk	21	21.8	12.8	17.3	—	26.9	4	7.2	2	18.5	—	69	—	26	30	10	9	—	0	—	—	—	0	0	0	—	—	—	—	—
8B ENGLAND SW																														
Avon																														
Bristol																														
Weather Centre (A) (X)	42	21.5	14.5	18.0	—	27.8	29	11.7	2	—	—	64	—	22	17	16	10	0	—	0	0	2	0	0	—	0	0	6.08	—	—
Long Ashton	51	20.4	13.7	17.1	+0.8	26.2	4, 5	9.8	2	—	—	95	144	28	17	17	12	0	0	0	0	1	—	0	—	—	0	—	—	—
Weston Super Mare	5	21.1	13.8	17.5	—	27.5	29	9.5	2	—	—	60	—	23	17	12	11	0	0	0	0	1	—	0	—	—	0	5.53	—	S
Somerset																														
Brymore	23	21.5	12.8	17.1	—	27.8	5	7.8	17	17.4	—	65	—	19	17	14	11	0	0	0	0	1	0	0	0	—	0	5.57	—	S
Castle Cary	135	20.0	12.5	16.3	—	26.0	4, 5	9.6	2,17	—	—	79	—	30	17	14	10	0	0	0	0	4	0	0	0	—	0	—	—	—
Downside Abbey	183	20.1	12.5	16.3	—	26.1	5	10.2	2	—	—	80	—	16	17	16	12	—	0	—	—	—	—	0	—	—	—	—	—	—
Minehead	10	20.4	13.3	16.9	—	26.0	29	9.3	17	17.6	15.7	70	—	25	17	12	8	0	0	0	0	3	0	0	0	0	0	6.08	—	—
Nettlecombe	96	20.6	11.2	15.9	—	26.4	5	6.6	2	17.9	—	50	—	16	17	11	7	0	0	0	0	1	1	0	0	—	0	—	—	—
Nettlecombe (Birds Hill)	280	18.5	12.0	15.3	—	24.6	5	9.5	2	15.9	—	56	—	16	17	16	9	0	0	0	0	1	1	0	0	—	0	—	—	—
Rodney Stoke	40	20.7	13.0	16.9	—	27.0	5	9.4	2	18.0	15.3	78	—	28	17	18	12	0	0	0	0	2	0	0	0	—	0	—	—	—
Tivington	82	20.1	12.5	16.3	—	25.5	29	8.1	2	16.9	14.8	65	—	22	17	13	8	0	0	0	0	3	1	0	0	0	0	—	—	—
Yeovilton (A)	18	20.8	12.7	16.7	(+0.5)	28.3	5	8.7	17	18.1	—	77	—	21	17	16	11	0	0	0	0	3	0	0	0	0	0	5.15	—	—
Dorset																														
Bournemouth																														
Hurn Airport (A)	10	21.3	12.4	16.9	+0.7	29.3	4	7.0	17	17.6	—	78	182	23	17	15	12	0	0	0	0	4	0	0	0	0	0	7.07	—	—
Kings Park	27	21.0	13.5	17.3	—	29.6	4	8.9	17	19.1	17.2	77	—	20	17	13	12	0	0	0	0	3	0	0	0	0	0	7.64	—	—
Christchurch	4	20.4	(13.1)	16.7	+0.4	28.4	5	9.0	17	—	—	77	168	26	17	15	10	—	0	—	—	—	0	0	0	—	—	—	—	—
Fontmell Magna	95	21.2	12.4	16.8	—	28.3	5	7.1	17	—	—	87	—	24	17	14	13	0	0	0	0	3	2	0	—	—	1	—	—	—
Lower Kingcombe	122	(19.7)	(11.3)	15.5	—	26.9	5	4.9	17	—	—	88	—	22	17	16	12	0	0	0	0	3	—	0	0	—	0	—	—	—
Poole	5	21.6	14.0	17.8	(+1.3)	28.8	4	9.0	17	—	—	61	—	21	17	14	10	0	0	0	0	3	0	0	0	—	0	7.08	(99)	—
Portland Bill																														
(Coastguard) (A)	53	17.8	13.1	15.5	—	23.4	4	10.7	3	—	—	51	—	17	17	11	8	0	0	0	0	2	4	0	0	—	0	6.71	—	—
Swanage	11	19.4	13.4	16.4	+0.1	22.2	5	9.5	17	—	15.7	69	150	17	17	12	12	0	0	0	0	2	0	0	0	—	0	7.63	100	—
Weymouth	21	19.5	13.3	16.4	—	26.9	4	9.8	17	—	—	60	—	20	17	12	7	0	0	0	0	2	1	0	—	—	0	6.97	—	—
Winfrith	26	20.4	12.6	16.5	(+0.6)	28.2	4	7.6	17	—	—	57	—	17	17	11	10	0	0	0	0	2	0	0	0	0	0	—	—	—
Devon																														
Burrington	199	18.1	12.1	15.1	—	24.4	4	8.4	18	—	—	85	—	27	17	18	13	—	—	—	—	—	—	0	—	—	—	—	—	—
Chivenor	6	20.3	13.5	16.9	+0.7	27.5	29	10.2	22	—	—	66	—	32	17	13	6	—	—	—	—	—	—	0	—	—	—	—	—	—
Dunkeswell	251	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exeter Airport (A)	32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exmouth	78	19.3	13.2	16.3	—	25.7	5	9.5	17	—	—	63	—	24	5	13	8	0	0	0	0	1	1	0	—	—	1	5.54	—	—
Gawlish	122	18.2	12.9	15.5	—	24.5	5,29	10.3	22	—	—	91	—	26	17	19	13	0	—	0	0	2	4	0	0	—	0	4.88	—	—
Hemyock	165	19.5	12.3	15.9	—	25.9	5	8.9	2	—	—	75	—	21	7	18	8	—	0	—	—	—	4	0	—	—	—	4.79	—	—
Ilfracombe	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lundy	43	17.1	13.9	15.5	—	22.0	29	12.5	3	—	—	92	—	30	17	17	10	0	0	—	—	—	—	0	—	—	—	—	—	—
Melbury	143	18.5	12.3	15.4	—	26.3	5	7.8	4	—	—	91	100	24	17	17	14	—	0	—	—	—	—	0	—	—	—	4.56	—	—
North Wyke	177	19.5	12.0	15.7	—	26.2	5	9.0	27	—	—	59	—	14	17	16	11	0	0	0	0	2	0	0	0	—	0	4.66	—	—
Plymouth																														
Mount Batten (A)	27	18.7	13.4	16.1	+0.2	26.1	4, 5	10.1	17	—	—	93	143	20	7	16	11	0	—	0	0	3	0	0	—	0	0	5.12	75	—
Princetown	423	16.6	10.9	13.7	—	22.9	5	8.2	17	—	—	209	156	35	7	23	21	0	0	0	0	1	8	0	0	—	0	—	—	—
Rumleigh	23	20.5	13.1	16.8	—	28.1	5	8.3	17	17.3	15.3	102	—	26	7	19	15	0	0	0	0	3	0	0	0	—	0	—	—	—
Saunton Sands	15	—	—	—	—	—	—	—	—	—	—	71	—	31	17	14	8	—	—	—	—	—	—	—	—	—	—	—	—	S
Sidmouth	10	19.6	13.8	16.7	—	27.5	4	10.6	2	—	—	66	118	19	17	13	9	0	0	0	0	1	0	0	—	—	0	—	—	—
Slapton	32	(19.5)	(12.6)	16.1	(+0.1)	23.5	4	9.0	17	—	—	69	106	21	17	14	12	0	0	0	0	0	—	0	0	—	0	(6.04)	—	—
Teignmouth	3	19.3	13.7	16.5	-0.2	23.6	4	10.2	17	—	—	45	87	14	5	12	10	0	0	0	0	2	0	0	—	—	0	6.16	86	—
Torbay (Torquay)	8	20.0	13.2	16.6	0.0	26.8	5	10.7	1	—	16.6	42	77	11	7	14	9	0	0	0	0	2	0	0	0	—	0	5.96	79	—
Twist	186	19.3	11.7	15.5	—	25.7	5	7.3	2	—	—	59	—	19	17	17	7	0	0	0	0	1	3	0	—	—	1	5.93	—	—
Yarner Wood	198	19.8	12.0	15.9	—	26.2	4	8.1	17	16.9	—	65	—	18	7	18	14	0	0	0	0	2	4	0	0	—	0	5.43	—	S
Cornwall																														
Bastreet	236	17.9	11.7	14.8	—	25.7	5	7.5	4	—	—	122	104	33	7	20	16	0	0	0	0	1	1	0	0	—	0	4.91	—	S
Bude	15	19.2	13.5	16.3	+0.8	27.9	5	10.6	10,22	18.1	—	79	120	26	17	17	11	0	0	0	0	3	0	0	—	—	0	4.45	73	—
Camborne (A)	87	17.8	13.1	15.5	—	24.0	5	9.4	17	16.2	15.0	83	—	24	2	17	9	0	0	0	0	3	1	0	0	0	0	4.02	—	—
Culdrose (A)	80	17.7	12.9	15.3	-0.1	21.9	5	9.0	17	—	—	63	104	13	17	19	8	0	0	0	0	2	5	0	—	0	0	3.76	55	—
Falmouth	51	18.1	13.2	15.7	-0.1	22.5	5	10.1	17	—	—	60	92	14	17	20	12	0	0	0	0	2	0	0	0	—	0	3.51	52	—
Gwennap Head	66	16.2	12.8	14.5	—	20.7	4	10.6	2	—	—	65	—	21	5	20	10	—	0	—	—	—	—	0	—	—	—	—	—	—
Lizard	73	17.3	12.6	14.9	(-0.7)	20.3	5	10.0	17	—	—	55	103	11	5	15	9	0	—	—	—	—	—	0	—	—	—	4.05	(56)	—
Lizard Lighthouse	60	16.9	12.8	14.9	—	20.3	6	10.5	17	—	—	46	—	10	5	13	7	—	—	—	—	—	—	0	—	—	—	—	—	—
Newquay	30	18.6	13.3	15.9	—	26.0	4	9.1	17	—	—	72	—	21	2	19	15	0	0	0	0	0	0	0	—	—	0	3.97	—	—
Penzance	19	18.8	13.4	16.1	0.0	23.3	5	8.5	17	—	—	75	116	19	10	20	11	0	0	0	0	4	1	0	—	—	1	4.14	59	—
Scilly (St Mary's)	51	17.6	13.2	15.4	-0.6	21.7	7	11.0	17	—	—	150	—	107	5	14	11	0	0	0	0	2	3	0	0	0	0	(3.76)	55	—
St Ives	10	17.8	13.6	15.7	—	21.5	5	11.9	10	—	—	60	—	18	10	14	8	0	0	0	0	4	0	0	—	—	0	4.39	—	—
St Mawgan (A)	103	18.4	13.2	15.8	+0.4	26.2	4	10.2	17	—	—	87	136	17	17	19	16	0	0	0	0	2	2	0	0	0	0	4.35	66	—
Tregastic	110	19.0	12.5	15.7	—	26.0	5	8.7	17	—	—	90	—	20	7	18	14	0	0	0	0	4	3	0	0	—	1	—	—	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min below 0 deg C	Concrete min below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of * 1951-80 average	Exposure
CHANNEL ISLANDS																														
Guernsey																														
Airport (A)	101	18.9	13.2	16.1	+0.4	24.6	29	9.9	3	17.3	15.5	27	64	5	7	14	8	0	0	0	0	1	1	0	0	0	0	6.76	85	-
L'Ancresse	5	19.7	12.3	16.0	–	23.7	29	8.5	18	–	–	22	–	5	7	11	7	0	0	0	0	0	–	0	–	–	0	6.82	–	-
Jersey																														
Airport (A)	84	20.0	13.8	16.9	+0.7	26.0	5	11.0	2	18.0	16.7	37	87	13	13	11	7	0	–	0	0	1	1	0	0	0	0	6.67	84	-
Gorey Castle	79	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7.02	–	-
St Helier	54	21.0	14.1	17.5	–	27.2	10	9.9	2	–	–	34	81	15	13	13	6	0	0	0	0	1	0	0	0	–	0	7.04	–	-
Trinity States Farm	107	20.0	–	–	–	24.8	10	–	–	18.2	–	44	–	13	13	14	9	0	0	0	0	2	0	–	0	–	0	–	–	-
NORTHERN IRELAND																														
Londonderry																														
Banagher (Caugh Hill)	216	18.5	11.9	15.2	–	24.0	4	7.5	2	–	–	75	–	19	23	21	15	0	0	0	0	0	1	0	0	–	0	3.89	–	-
Carmoney	73	18.8	12.3	15.5	–	24.2	30	8.8	12	–	–	63	–	16	23	17	13	0	0	0	0	0	0	0	0	0	0	4.05	–	-
Castledawson Hillhead	30	20.7	12.0	16.3	–	24.7	5,29	8.0	2,12	–	–	63	–	14	23	16	15	0	0	0	0	0	–	0	0	–	0	–	–	-
Coleraine University (A)	23	19.1	12.7	15.9	–	24.4	5	7.5	2	15.7	13.1	78	–	17	23	15	11	0	0	0	0	1	0	0	0	–	0	4.40	–	-
Lough Fea W Wks	225	18.5	12.0	15.3	–	24.0	4	7.5	12	–	–	77	–	19	23	20	14	0	0	0	0	0	1	0	0	–	0	–	–	-
Moydamlaght	178	18.7	12.2	15.5	–	24.9	4	8.4	12	–	–	73	–	17	23	23	16	0	0	0	0	0	0	0	0	–	0	–	–	-
Moyola Waterworks	17	20.0	12.1	16.1	–	25.2	4	8.4	2,12	–	–	51	–	15	23	19	13	0	0	0	0	0	0	0	0	–	0	–	–	-
Antrim																														
Altnahinch	213	17.9	11.3	14.6	–	22.8	4	6.4	2	–	–	114	–	18	31	19	16	0	0	0	0	0	4	0	0	–	0	4.05	–	-
Belfast																														
Aldergrove Airport (A)	68	19.9	13.0	16.5	+2.0	24.7	29	7.8	2	16.4	12.8	73	103	20	1	19	14	0	0	0	0	4	0	0	0	0	0	4.49	99	-
Newforge	40	20.1	13.2	16.7	–	24.7	29	9.2	12	–	–	38	–	5	22	18	11	0	0	0	0	0	–	0	0	–	0	3.96	–	-
Oldparkfilters	58	19.6	12.6	16.1	–	23.0	5, 6, 27	8.2	2	–	–	69	87	11	18	19	16	0	0	0	0	0	0	0	0	–	0	–	–	-
Carnlough	12	19.3	11.7	15.5	–	22.9	29	5.6	2	–	–	69	–	15	31	21	14	0	0	0	0	0	1	0	–	–	0	–	–	-
Dungonnell Filters	271	17.9	10.8	14.3	–	22.0	4	5.3	2	–	–	103	–	19	16	18	14	0	0	0	0	0	2	0	0	–	0	–	–	-
Garron Tower	62	19.0	12.2	15.6	–	23.0	4	8.4	2	–	–	57	–	21	31	18	13	0	0	0	0	1	0	0	–	–	0	–	–	-
Greenmount	38	20.0	13.2	16.6	(+2.2)	24.9	5	6.6	2	17.5	–	48	–	7	23	18	13	0	0	0	0	2	–	0	0	–	0	–	–	-
Jordanstown Rostulla	10	20.5	12.9	16.7	–	24.3	4	7.9	2	–	–	104	–	21	16	18	15	0	0	0	0	0	0	0	0	–	0	–	–	-
Larne Harbour	43	–	12.7	–	–	–	–	8.9	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	-
Lowtown	213	18.4	11.0	14.7	–	22.7	31	6.6	3	14.5	–	113	–	29	15	23	16	0	0	0	0	3	0	0	–	–	0	4.43	–	-
Movanagher Fish Farm	10	20.7	12.4	16.5	–	27.0	7	7.5	16	–	–	74	–	13	23	17	14	0	0	0	0	0	0	0	0	–	0	–	–	-
Parkmore Forest	235	17.9	10.8	14.3	–	21.1	4, 7, 31	5.4	2	–	–	101	90	19	15	21	15	0	0	0	0	–	0	0	0	–	0	–	–	-
Woodburn North	217	18.1	10.4	14.3	–	22.0	5, 7, 31	5.0	2	–	–	98	106	12	1	16	14	0	0	0	0	–	0	0	0	–	0	–	–	-
Down																														
Ballykine Rockvale	125	19.1	11.8	15.5	–	23.3	29	8.0	12	–	–	39	–	7	23	17	11	0	0	0	0	0	3	0	0	–	0	–	–	-
Ballywatticock	6	19.6	12.5	16.1	–	24.6	29	8.3	21	16.3	14.1	37	69	11	16	18	12	0	0	0	0	3	0	0	0	0	0	4.80	–	-
Belfast																														
Ravenhill Road	10	20.9	13.5	17.2	–	26.0	29	9.9	12	–	–	47	–	8	15	18	13	0	0	0	0	2	0	0	0	–	0	–	–	-
Stormont Castle	56	19.9	12.6	16.3	+1.8	23.6	5	9.3	2	16.3	14.4	45	68	8	16	15	12	0	0	0	0	0	1	0	0	–	0	4.87	(106)	-
Bryansford	85	19.6	12.5	16.1	–	23.6	29	8.9	17	16.9	14.4	49	–	13	1	20	9	0	0	0	0	0	0	0	0	0	0	4.08	–	-
Downpatrick, Killavees	58	19.9	12.2	16.1	–	23.5	7,29	8.3	12,17	–	–	26	–	10	22	13	8	0	0	0	0	0	3	0	0	–	0	–	–	-
Helens Bay	43	20.3	12.3	16.3	(+1.5)	24.8	29	8.1	2	16.7	13.3	60	105	14	16	21	15	0	0	0	0	1	1	0	0	–	0	–	–	-
Hillsborough	116	19.1	12.7	15.9	+1.9	23.9	29	9.8	17	15.2	13.0	31	44	5	16	16	9	0	0	0	0	0	3	0	0	–	0	4.75	104	-
Killough	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Long Kesh (A)	36	20.1	12.7	16.4	–	25.1	29	7.1	17	16.2	14.3	21	–	3	8,18	15	8	0	0	0	0	2	0	0	0	0	0	4.56	–	-
Lough Cowey	10	19.8	12.7	16.3	–	23.4	29	9.2	29	–	–	23	42	6	22	13	7	0	0	0	0	0	2	0	0	–	0	4.89	–	-
Magherally	97	19.6	11.8	15.7	–	24.2	29	6.4	2	15.6	13.2	54	–	25	1	17	11	0	0	1	0	1	0	0	0	0	0	–	–	-
Murlough	12	19.6	12.4	16.0	–	24.1	29	9.1	12	–	–	42	–	12	1	15	10	0	0	0	0	0	0	0	0	–	0	4.49	–	S
Newry, Carnbane	8	–	12.4	–	–	–	–	7.4	17	–	–	23	–	5	22	17	9	0	0	0	0	0	0	0	0	–	0	4.73	–	-
Saintfield Rowallane	95	19.4	11.7	15.5	–	24.1	29	6.9	17	15.2	–	31	–	6	18	16	9	0	0	0	0	0	–	0	0	–	0	–	–	-
Silent Valley	129	18.5	12.3	15.4	–	23.1	4	8.1	2	–	–	53	55	16	22	11	9	0	0	0	0	2	0	0	–	0	5.07	–	-
Trassey Slievenaman	215	19.0	11.1	15.1	–	22.0	6,29	7.8	17	–	–	60	–	9	22	22	15	0	0	0	0	2	0	0	–	0	–	–	–	-
Armagh																														
Annaghmore	27	20.5	12.1	16.3	–	25.4	4	8.0	29	16.5	13.9	28	–	4	15	15	11	0	0	0	0	0	0	0	0	0	0	–	–	-
Armagh	62	20.1	12.7	16.4	+1.5	25.5	29	9.2	12	16.4	14.6	20	30	4	18	14	7	0	0	0	0	0	0	0	0	–	0	4.27	104	-
Castor Bay	17	20.3	11.9	16.1	–	26.0	29	6.0	30	–	–	26	–	7	22	16	9	0	0	0	0	0	–	0	0	–	0	–	–	-
Loughgall	25	20.1	12.6	16.3	+1.8	24.9	29	8.5	12	–	–	26	44	5	16	16	9	0	0	0	0	0	0	0	0	–	0	–	–	-
Tandragee, Ballylisk	43	21.1	11.8	16.5	–	27.2	29	7.8	29	–	–	40	–	12	1	16	10	0	0	0	0	0	–	0	0	–	0	–	–	-
Tyrone																														
Baron's Court	132	18.9	12.4	15.7	–	24.6	4	8.3	12	–	–	72	–	15	23	18	15	0	0	0	0	3	0	0	0	–	0	3.73	–	-
Carrigans (A)	113	19.8	12.3	16.1	(+2.0)	25.2	4	7.1	2	–	–	82	–	23	23	19	15	0	0	0	0	2	0	0	0	0	0	4.08	–	-
Cookstown	77	–	12.3	–	–	–	–	8.2	2	–	–	39	56	11	23	18	11	0	0	0	0	0	–	0	0	–	0	–	–	-
Edenfel	88	19.7	11.7	15.7	–	25.2	4, 7	7.8	12	–	–	57	73	8	23	20	12	0	0	0	0	2	0	0	0	–	0	–	–	-
Fivemiletown	119	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Lough Bradan W Wks	180	18.5	11.7	15.1	+1.9	23.3	4	7.5	13	–	–	70	74	15	23	13	12	0	0	0	0	0	0	0	–	–	0	–	–	-
Strabane Glen Road	60	20.0	12.5	16.3	–	25.2	30	8.1	12	–	–	52	–	10	23	18	12	0	0	0	0	3	0	0	0	–	0	–	–	-
Fermanagh																														
Castle Archdale Forest (A)	66	19.4	12.5	15.9	(+1.9)	24.5	4	8.9	12	16.3	14.4	67	–	12	23	17	14	0	0	0	1	0	0	0	–	0	4.53	(117)	-
Corgary	145	18.9	11.8	15.3	–	24.8	4	9.4	12,13	–	–	81	–	18	31	17	16	0	0	–	–	–	–	0	0	0	–	4.49	–	-
Knockarevan	53	19.7	12.0	15.9	–	26.1	4	8.2	12	–	–	72	–	13	31	20	16	–	0	–	–	–	–	0	0	0	–	–	–	-
Lisnaskea	49	19.9	12.7	16.3	–	25.3	5	9.0	14	–	–	58	–	12	31	16	14	0	0	0	0	0	0	0	0	–	0	–	–	-
Lough Navar Forest	126	19.2	11.2	15.2	(+1.6)	25.4	7	7.2	12	–	–	79	79	10	11	19	14	0	0	0	1	0	0	0	0	–	0	–	–	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
0 SCOTLAND N																																											
Shetland																																											
Fair Isle	61	9	1015.2	–	12.7	0.6	13.7	93	6.1	2	3	4	9	7	6	0	5	0	4	1	0	2	9	7	3	0	0	9	22	0	0	4	10	4	6	3	2	2
		15	1015.3	–	13.5	0.8	14.0	91	6.1	1	3	6	8	12	1	1	0	1	3	1	2	6	7	6	4	0	0	12	18	1	0	3	9	5	4	1	5	3
		21	1015.2	–	12.4	0.5	13.6	94	6.1	1	0	9	9	8	4	3	1	1	1	2	2	2	11	5	3	0	0	11	19	1	4	4	9	5	2	2	4	0
Lerwick	83	3	1014.9	–	11.3	0.3	13.0	96	6.6	1	4	1	4	15	6	1	3	1	2	1	1	7	2	7	6	0	0	5	19	7	2	5	3	3	2	1	5	3
		9	1015.1	+2.9	13.0	0.9	13.5	89	6.5	1	3	1	14	7	5	1	3	1	2	0	1	2	5	12	4	0	0	10	20	1	1	5	2	7	6	3	1	5
		15	1015.1	–	14.0	1.3	13.8	86	6.2	0	3	6	11	10	1	0	0	2	2	0	0	6	6	9	6	0	0	11	20	0	1	6	3	5	11	0	3	2
		21	1015.2	–	12.1	0.6	13.2	93	6.8	0	2	3	10	11	5	1	1	4	0	1	2	4	4	6	8	0	1	5	20	5	2	3	3	6	5	1	4	2
Muckle Flugga	54	3	1015.2	–	11.9	0.8	12.6	90	6.9	1	1	4	3	17	5	5	0	0	0	0	1	4	2	16	3	1	3	6	17	4	3	1	7	3	7	1	4	1
		9	1015.4	–	13.8	1.5	13.2	84	6.4	0	3	5	9	9	5	5	0	0	1	1	1	3	13	6	0	2	10	18	1	6	2	8	3	6	5	0	0	
		15	1015.7	–	14.3	1.7	13.3	82	6.3	0	3	4	14	7	3	3	0	0	0	0	0	4	5	8	11	0	3	9	18	1	6	3	8	3	4	2	3	1
		21	1015.3	–	12.8	1.0	13.0	88	6.8	0	3	3	7	15	3	3	0	0	1	1	0	3	4	13	6	0	3	6	21	1	3	3	10	2	7	2	3	0
Sumburgh	13	3	1014.5	–	12.2	0.7	13.1	92	6.7	0	2	4	8	14	3	2	0	2	1	1	3	3	4	11	4	0	0	9	17	5	1	4	9	3	3	0	4	2
		9	1014.9	–	13.9	1.2	13.8	87	6.3	0	3	3	16	9	0	0	0	0	4	2	1	5	4	10	5	0	0	13	18	0	1	3	11	2	6	4	1	3
		15	1014.9	–	14.7	1.6	13.9	83	6.2	0	3	5	14	9	0	0	0	0	2	1	1	6	5	9	7	0	0	18	13	0	0	4	7	5	7	0	5	3
		21	1014.9	–	12.9	0.9	13.4	90	6.6	0	3	3	14	9	2	0	1	2	0	1	0	5	8	11	3	0	1	8	21	1	3	4	9	5	1	2	4	2
Orkney																																											
Kirkwall	26	3	1014.2	–	11.7	0.3	13.3	96	6.1	0	4	3	15	7	2	0	0	3	2	1	3	4	5	7	6	0	0	7	22	2	0	5	4	9	5	2	3	1
		9	1014.3	+1.5	14.0	0.9	14.4	90	6.6	0	1	7	11	10	2	0	0	1	1	2	3	4	8	6	6	0	1	14	16	0	4	4	7	4	6	2	3	1
		15	1014.5	–	15.1	1.4	14.6	85	6.6	1	1	2	17	10	0	0	0	0	2	1	1	6	4	9	8	0	0	14	17	0	1	4	11	5	5	1	3	1
		21	1014.5	–	12.6	0.5	13.8	94	6.0	0	4	6	9	10	2	0	1	1	2	1	3	4	4	9	6	0	0	9	21	1	1	2	13	6	2	3	2	1
Western Isles																																											
Benbecula	7	3	1012.3	–	13.4	0.7	14.1	92	6.1	0	4	3	17	7	0	0	0	0	0	0	1	1	10	15	4	0	0	9	21	1	3	2	6	5	7	3	4	0
		9	1012.5	-0.9	15.6	1.7	14.7	83	5.9	2	4	4	9	11	1	0	0	1	0	0	1	6	6	11	6	0	0	16	15	0	4	0	10	0	8	3	5	1
		15	1012.9	–	17.2	2.6	14.7	76	5.5	1	6	5	9	10	0	0	0	0	0	0	2	3	3	15	8	0	1	15	15	0	1	4	5	1	4	7	5	4
		21	1012.8	–	14.6	1.3	14.3	86	5.7	0	7	3	13	8	0	0	0	0	0	0	1	1	9	9	11	0	0	9	22	0	2	7	6	2	7	4	3	0
Stornoway	5	3	1012.6	–	13.0	0.6	13.8	93	5.7	0	6	4	12	8	1	0	0	0	1	0	1	8	7	12	2	0	0	4	26	1	1	8	3	6	5	1	3	3
		9	1012.8	-0.4	14.8	1.4	14.3	85	5.7	2	5	1	14	9	0	0	0	0	0	0	2	4	14	9	2	0	0	9	22	0	5	7	4	3	7	2	3	0
		15	1012.9	–	15.3	1.6	14.5	83	5.3	1	8	2	9	11	0	0	0	0	1	0	0	4	8	14	4	0	1	18	12	0	1	14	3	3	5	1	3	1
		21	1012.9	–	13.9	1.1	14.0	88	5.5	0	7	3	16	5	0	0	0	0	1	0	0	4	7	14	5	0	0	7	22	2	6	7	2	2	8	2	2	0
Highland																																											
Aviemore	228	3	1013.7	–	12.1	0.7	13.0	92	6.0	0	2	7	15	6	1	0	0	0	1	0	3	4	5	11	7	0	0	3	23	5	11	1	0	1	6	6	1	0
		9	1013.4	–	15.4	2.1	13.8	79	6.0	0	2	6	18	5	0	0	0	0	0	0	1	2	7	9	12	0	0	3	28	0	6	10	1	1	11	1	0	1
		15	1012.8	–	18.5	3.6	14.3	68	5.8	0	3	7	19	2	0	0	0	0	0	0	1	5	10	15	0	0	0	5	26	0	9	3	1	1	10	4	1	2
		21	1013.6	–	14.8	1.7	13.9	82	5.7	0	3	9	15	4	0	0	0	0	0	1	1	1	5	12	11	0	0	1	30	0	11	1	0	2	9	2	4	2
Cape Wrath	113	3	1012.8	–	13.1	1.0	13.4	89	6.0	0	2	9	9	8	3	3	0	0	0	0	1	0	6	19	2	0	1	12	17	1	0	0	12	4	6	6	1	1
		9	1013.1	–	13.6	0.9	14.1	90	6.5	0	3	4	8	8	8	7	0	1	0	0	0	2	8	12	1	0	3	13	14	1	0	2	12	3	1	10	2	0
		15	1013.1	–	14.2	1.2	14.2	87	6.0	0	5	6	8	10	2	2	0	0	0	0	0	5	7	13	4	0	2	12	17	0	1	1	14	3	0	5	7	0
		21	1013.2	–	13.1	0.8	13.8	92	6.4	0	2	5	13	5	6	5	0	0	1	0	0	3	9	10	3	0	2	14	15	0	1	0	14	4	3	5	4	0
Dalcross	12	9	1013.5	–	15.3	1.6	14.4	83	6.8	0	0	3	20	8	0	0	0	0	2	0	1	7	10	10	1	0	0	6	25	0	4	11	4	1	0	9	1	1
		15	1013.0	–	17.3	2.5	14.9	75	6.3	0	1	7	17	6	0	0	0	0	0	0	2	7	8	11	3	0	1	7	23	0	4	15	0	1	1	5	5	0
		21	1013.4	–	14.7	1.3	14.3	86	6.4	0	3	2	19	7	0	0	0	0	3	1	2	5	4	14	2	0	0	3	26	2	5	11	1	0	2	6	4	0
Invergordon	12	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Harbour		9	1013.8	–	15.2	1.6	14.4	83	7.0	0	0	5	11	15	0	0	0	0	1	0	3	7	3	10	7	0	0	3	21	7	1	6	6	1	1	3	6	0
		15	1013.4	–	17.3	2.5	15.0	76	6.6	0	2	4	14	11	0	0	0	0	0	0	3	5	5	9	9	0	0	9	18	4	1	6	11	2	1	3	3	0
		21	1013.8	–	15.1	1.5	14.4	83	6.9	0	1	1	17	12	0	0	0	0	0	3	0	4	7	10	7	0	0	3	24	4	3	12	3	0	0	6	3	0
Waterstein	81	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wick	37	3	1014.0	–	11.8	0.4	13.3	95	6.3	0	3	4	15	6	3	2	1	0	1	5	4	5	2	8	3	0	0	1	29	1	2	4	5	8	5	1	4	1
		9	1014.1	+1.2	13.9	1.1	14.0	88	6.7	0	2	2	16	8	3	0	1	2	1	2	1	7	4	7	6	0	0	8	23	0	2	4	8	6	5	1	4	1
		15	1014.3	–	14.3	1.2	14.1	87	7.3	0	0	1	17	10	3	0	2	3	0	2	4	4	8	2	6	0	0	9	22	0	0	6	10	8	2	1	1	3
		21	1014.2	–	12.7	0.6	13.7	93	6.5	0	2	5	10	10	4	1	2	1	2	1	6	5	4	4	5	0	0	5	26	0	2	4	7	7	3	2	5	1
1 SCOTLAND E																																										
Grampian																																										
Dyce	69	3	1013.9	–	12.6	0.6	13.6	93	6.3	0	1	8	8	13	1	0	1	1	7	0	2	6	6	5	3	0	0	1	26	4	7	1	1	6	4	2	3	3
		9	1014.0	-0.5	15.9	1.7	14.9	82	6.1	0	4	4	14	9	0	0	0	0	1	2	1	5	8	10	4	0	0	0	10	21	0	5	3	5	3	4	4	1	6
		15	1013.9	–	16.9	1.8	15.9	82	6.0	1	5	1	19	5	0	0	0	0	1	0	0	1	10	5	11	3	0	0	6	25	0	3	2	11	5	7	1	1	1
		21	1014.1	–	14.3	1.0	14.6	90	6.1	0	4	5	11	11	0	0	0	0	1	5	3	6	4	6	6	0	0	2	29	0	4	4	8	5	5	2	3	0
Glenlivet	212	9	1013.9	–	15.6	2.1	13.9	79	6.4	1	2	4	15	9	0	0	0	0	1	0	0	1	2	12	15	0	0	1	30	0	0	0	2	10	2	0	15	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1014.1	–	14.6	1.5	14.0	84	6.5	0	1	5	19	5	1	0	0	0	2	0	0	2	5	4	18	0	0	3	28	0	0	0	10	6	3	0	10	2
Kinloss	6	3	1013.9	–	13.0	0.8	13.6	91	6.6	0	2	3	15	10	1	0	0	1	0	2	6	6	4	8	4	0	0	2	26	3	1	4	6	4	5	5	2	1
		9	1014.0	+0.6	15.8	1.9	14.5	81	6.7	0	2	2	17	10	0	0	0	0	0	1	2	5	7	10	6	0	0	0	25	0	9	2	5	2	0	4	7	2
		15	1013.5	–	17.8	2.9	14.7	73	5.8	0	5	3	18	5	0	0	0	0	1	0	2	5	7	8	8	0	0	1	10	20	0	7	6	6	4	2	2	4	0
		21	1013.9	–	14.8	1.4	14.4	85	5.8	0	5	4	13	8	1	0	0	1	0	1	3	5	6	5	10	0	0	6	24	1	0	4	10	4	3	5	3	1
Peterhead	15	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Harbour		9	1014.4	–	13.8	1.1	13.8	88	6.0	1	2	8	9	7	4	0	1	3	0	0	5	7	9	6	0	0	0	6	22	3	8	2	3	2	7	1	4	1
		15	1014.5	–	15.0	1.5	14.3	84	6.4	0	3	6	7	12	3	0	0	2	2	0	7	5	9	6	0	0	0	1	29	1	5	3	6	3	9	1	2	1
		21	1014.6	–	13.8	1.1	13.9	88	6.0	0	1	12	5	9	4	0	1	0	3	1	4	5	13	4	0	0	0	0	4	21	6	5	4	2	4	6	2	2	0
Fife																																										
Leuchars	12	3	1013.8	–	13.0	0.7	13.9	92	6.1	0	4	2	14	11	0	0	0	0	1	1	4	6	8	6	5	0	0	2	29	0	4	9	2	2	0	7	6	1
		9	1014.0	+0.2	15.8	1.7	14.7	82	6.2	0	2	6	13	10	0	0	0	0	1	2	1	3	11	6	7	0	0	13	18	0	0	7	8	5	0	5	6	0
		15	1013.6	–	17.0	2.3	14.9	77	6.0	0	4	5	17	5	0	0	0	0	0	0	3	7	4	11	6	0	1	16	14	0	0	4	15	2	1	4	5	0
		21	1014.0	–	14.4	1.1	14.4	88	6.0	0	4	7	9	10	1	0	0	1	0	1	3	6	4	9	7	0	0	11	20	0	0	10	8	1	1	3	8	0

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
1 SCOTLAND E - Continued																																											
Lothian																																											
Turnhouse	44	3	1013.8	–	13.2	0.5	14.3	94	6.2	0	2	6	17	6	0	0	0	0	2	1	7	6	6	7	2	0	0	2	28	1	0	6	11	1	0	6	6	0				
		9	1013.9	-0.4	15.4	1.3	15.2	87	6.5	0	1	3	23	4	0	0	0	0	1	1	1	9	9	5	5	0	0	8	23	0	1	8	9	0	1	5	6	1				
		15	1013.5	–	17.6	2.2	15.8	79	6.3	0	2	4	23	2	0	0	0	0	0	0	1	7	7	7	9	0	1	12	18	0	1	8	8	0	0	5	9	0				
		21	1014.0	–	14.7	1.0	15.0	90	6.2	0	1	9	14	6	1	0	0	1	0	4	3	4	5	9	5	0	0	7	24	0	1	6	11	0	3	5	5	0				
6 SCOTLAND W																																											
Strathclyde																																											
Abbotsinch	9	3	1013.5	–	13.5	0.9	14.0	90	6.5	0	1	4	19	7	0	0	0	0	0	0	2	11	10	7	1	0	0	3	26	2	1	6	10	1	0	9	1	1				
		9	1013.6	-0.7	15.9	1.9	14.6	80	6.7	0	2	1	20	8	0	0	0	0	0	0	1	7	9	13	1	0	0	10	21	0	1	4	13	1	2	5	4	1				
		15	1013.2	–	19.2	3.5	15.1	68	6.0	0	2	5	22	2	0	0	0	0	0	0	0	4	8	11	8	0	1	16	14	0	0	5	5	1	2	10	8	0				
		21	1013.7	–	15.6	1.8	14.4	81	5.6	0	3	9	13	6	0	0	0	0	0	0	0	4	11	13	3	0	0	6	23	2	1	3	10	2	1	7	5	0				
Orsay	24	3	1012.4	–	13.1	0.7	13.9	92	6.7	0	2	4	9	14	2	0	0	0	1	1	0	1	1	7	12	8	0	1	16	14	0	1	4	7	7	3	6	2	1				
		9	1012.7	–	14.3	1.0	14.6	89	6.1	1	4	4	8	10	4	0	0	0	1	3	0	1	3	9	9	5	0	2	13	14	2	2	2	6	6	4	6	1	2				
		15	1013.0	–	15.8	1.5	15.3	86	5.8	1	2	8	12	8	0	0	0	0	0	0	0	4	10	8	9	0	2	14	11	4	1	2	3	9	2	3	4	3				
		21	1012.5	–	14.1	0.9	14.6	91	6.2	0	1	9	12	9	0	0	0	0	0	0	1	4	8	10	8	0	2	12	15	2	3	2	6	8	1	4	3	2				
Prestwick	21	3	1013.4	–	13.7	0.9	14.1	90	6.0	0	3	5	19	4	0	0	0	0	0	0	0	5	10	15	1	0	0	7	24	0	2	5	9	5	3	5	2	0				
		9	1013.6	-1.0	16.5	2.1	14.9	79	6.1	0	4	2	23	2	0	0	0	0	0	0	0	5	9	14	3	0	0	12	19	0	0	8	3	2	6	5	5	3				
		15	1013.5	–	19.0	3.2	15.6	72	5.9	0	2	7	20	2	0	0	0	0	0	0	0	2	5	14	10	0	0	11	20	0	0	6	3	1	5	7	9	0				
		21	1013.6	–	15.5	1.5	14.9	84	5.4	0	5	9	15	2	0	0	0	0	0	0	0	4	9	11	7	0	0	3	27	1	1	6	5	3	4	4	4	3				
Tiree	10	3	1012.2	–	13.3	0.7	14.1	92	5.6	0	8	2	9	11	1	0	0	1	0	0	0	7	13	7	3	0	0	10	21	0	5	2	5	7	4	5	3	0				
		9	1012.5	-1.5	15.3	1.4	14.8	85	5.5	1	7	4	9	10	0	0	0	0	0	1	1	6	10	7	6	0	1	13	17	0	3	1	6	5	7	2	3	4				
		15	1012.8	–	16.8	2.0	15.2	80	5.4	1	6	5	10	9	0	0	0	0	0	0	2	2	8	10	9	0	0	17	14	0	5	3	2	5	6	4	3	3				
		21	1012.5	–	14.3	1.0	14.6	90	6.0	0	3	6	14	7	1	0	0	1	0	1	0	2	11	11	5	0	0	9	22	0	6	2	2	8	3	4	4	2				
Dumfries & Galloway																																											
Corsewall Point	15	9	–	–	14.8	1.3	14.5	86	5.7	0	4	7	13	7	0	0	0	0	0	0	0	0	4	24	3	0	0	17	12	2	2	3	5	3	8	2	5	1				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Drungans	16	3	–	–	14.0	0.9	14.4	90	6.3	0	2	8	7	14	0	0	0	0	0	0	0	1	11	19	0	0	0	1	25	5	2	5	4	2	2	9	0	2				
		9	–	–	16.8	2.0	15.3	80	6.1	1	1	7	12	10	0	0	0	0	0	0	0	0	14	17	0	0	0	0	29	2	3	3	4	3	7	4	4	1				
		15	–	–	20.1	3.9	15.5	66	6.2	0	1	8	12	10	0	0	0	0	0	0	0	1	11	17	2	0	0	2	29	0	3	4	2	4	5	8	4	1				
		21	–	–	17.0	2.2	15.1	78	5.8	0	2	11	8	10	0	0	0	0	0	0	0	0	10	21	0	0	0	3	28	0	2	3	6	1	6	7	3	3				
Eskdalemuir	237	3	1013.9	–	12.0	0.4	13.4	95	7.0	0	2	2	7	19	1	0	0	0	2	0	3	7	10	5	4	0	0	0	5	25	1	8	6	2	0	3	6	3	2				
		9	1014.0	-0.6	14.8	1.2	14.7	88	6.4	0	4	4	10	13	0	0	0	0	0	2	5	7	10	6	1	0	0	0	9	22	0	4	6	2	1	8	6	4	0				
		15	1013.8	–	17.6	2.7	14.9	74	6.3	0	4	3	14	10	0	0	0	0	0	0	0	5	10	10	6	0	0	16	15	0	0	6	4	0	5	9	4	3				
		21	1014.3	–	14.0	1.1	14.1	88	6.0	1	2	8	10	10	0	0	0	0	0	1	1	7	6	8	8	0	0	4	25	2	8	5	0	1	7	2	5	1				
2 ENGLAND E & NE																																											
Northumberland																																											
Boulmer	27	3	1014.2	–	12.8	0.5	13.9	94	6.1	0	2	6	15	7	1	0	0	2	2	3	3	5	3	9	4	0	0	2	29	0	5	1	1	1	11	4	2	6				
		9	1014.3	-0.1	15.4	1.3	15.1	86	6.6	0	2	2	15	10	2	1	0	1	0	3	6	4	7	4	5	0	0	5	25	1	6	4	2	8	5	2	3	0				
		15	1014.1	–	16.9	2.0	15.5	81	5.9	0	3	5	19	4	0	0	0	0	0	4	2	7	10	3	5	0	0	8	23	0	4	9	1	7	1	4	4	1				
		21	1014.5	–	14.5	0.9	14.9	90	6.0	1	2	5	15	7	1	0	0	3	1	1	2	9	5	4	6	0	0	1	28	2	7	1	0	2	9	5	3	2				
Tyne & Wear																																											
Newcastle Weather Centre (X)	47	3	1014.3	–	13.9	1.2	13.8	87	5.1	1	5	8	10	4	3	0	2	1	1	1	1	7	4	8	6	0	0	1	28	2	7	1	0	4	2	8	6	1				
		9	1014.3	–	16.4	2.3	14.3	77	6.4	0	1	6	17	7	0	0	0	0	0	1	1	1	8	5	8	7	0	0	4	27	0	2	5	3	3	5	7	4	2				
		15	1014.0	–	18.6	3.6	14.2	67	6.0	1	2	6	15	7	0	0	0	0	0	0	1	1	4	9	8	8	0	0	3	28	0	6	3	6	4	2	2	6	2				
		21	1014.5	–	15.9	2.1	14.2	78	5.5	0	6	5	12	8	0	0	0	1	2	0	0	6	8	6	8	0	0	0	31	0	8	2	2	3	2	9	4	1				
Tynemouth	40	3	1014.2	–	13.6	0.8	14.1	90	5.1	3	5	5	11	5	2	1	1	0	2	0	3	5	4	15	0	0	0	0	10	13	8	7	0	0	0	9	2	4	1				
		9	1014.2	-0.6	15.2	1.5	14.5	84	6.4	0	2	5	12	7	5	1	3	0	2	2	4	4	8	7	0	0	2	11	17	1	9	2	0	3	8	2	6	0				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		21	1014.3	–	15.3	1.5	14.6	85	5.8	0	4	8	7	9	3	0	2	1	0	0	7	5	7	9	0	0	0	0	11	15	5	7	2	0	1	6	3	5	2				
North Yorkshire																																											
Fylingdales	262	3	1014.6	–	12.2	0.6	13.3	93	4.7	5	4	7	5	7	3	2	1	0	2	0	3	3	4	16	0	0	0	0	10	19	2	3	4	2	5	2	10	2	1				
		9	1014.4	–	15.8	1.9	14.4	80	5.5	2	3	8	7	10	1	0	1	0	1	0	2	2	4	21	0	0	0	0	15	14	2	2	3	5	1	5	8	2	3				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Leeming	37	3	1014.3	–	13.4	0.9	13.9	90	4.9	1	9	3	10	8	0	0	0	1	2	3	4	6	3	11	1	0	0	4	22	5	10	0	0	4	5	3	2	2				
		9	1014.3	-0.9	17.3	2.5	14.9	76	5.9	0	4	4	18	5	0	0	0	0	0	2	1	11	4	7	6	0	0	0	10	21	0	10	0	1	2	9	2	6	1				
		15	1013.7	–	20.7	4.6	14.8	61	5.8	0	5	5	14	7	0	0	0	0	0	1	2	4	3	12	9	0	0	17	14	0	6	0	4	3	4	4	9	1				
		21	1014.7	–	16.2	2.0	14.7	80	5.4	0	6	5	17	3	0	0	0	0	1	2	1	6	5	11	5	0	0	2	29	0	9	1	2	2	3	8	6	0				
Humberside																																											
Bridlington M R S C	19	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		9	1014.3	–	16.7	2.2	14.8	78	5.4	1	5	6	13	6	0	0	0	0	1	1	5	7	6	11	0	0	0	9	17	5	2	4	5	2	4	3	5	1				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		21	1014.4	–	15.6	1.5	15.0	85	5.9	1	1	9	12	6	2	0	0	2	1	0	2	8	7	11	0	0	0	9	12	10	2	4	2	3	2	1	7	0				
Easington	20	3	–	–	13.9	0.9	14.3	90	4.1	5	3	13	7	2	1	0	0	1	0	1	4	4	8	13	0	0	0	9	18	4	3	2	2	1	4	3	12	0				
		9	–	–	16.4	2.3	14.4	77	5.3	4	1	8	11	6	1	0	0	1	0	0	4	6	14	6	0	0	1	10	18	2	2	4	5	5	2	4	7	0				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Lincolnshire																																										
Coningsby	8	3	1014.5	–	13.8	0.9	14.2	89	4.8	1	6	11	6	7	0	0	0	0	0	1	1	2	10	7	9	1	0	0	2	28	1	3	3	4	3	5	6	6	0				
		9	1014.8	–	18.9	3.3	15.2	70	5.2	1	5	8	14	3	0	0	0	0	0	0	1	9	8	13	0	0	0	1	10	20	0	2	2	3	5	7	4	6	2				
		15	1014.3	–	22.1	5.5	14.5	55	5.1	1	5	7	16	2	0	0	0	0	0	0	0	1	7	21	2	0	0	17	14	0	0	2	6	3	8	4	6	2				
		21	1014.9	–	16.8	2.0	15.3	80	4.7	2	6	8	12	3	0	0	0	0	0	0	1	9	7	12	2	0	0	5	25	1	2	4	7	4	1	4	7	1				
Waddington	70	3	1014.8	–	13.6	0.9	14.0	89	5.2	0	5	9	12	4	1	0	1	0	0	1	5	7	8	9	0	0	0	3	25	3	4	5	0	2	5	11	1	0				
		9	1014.8	-1.0	17.8	2.9	14.8	73	5.2	1	3	11	13	3	0	0	0	0	0	1	2	6	9	10	3	0	0	13	17	1	4	1	3	3	4	8	4	3				
		15	1014.3	–	21.5	5.5	13.9	55	5.4	0	2	11	16	2	0	0	0	0	0	0	0	0	7	19	5	0	0	17	14	0	1	2	5	2	6	4	10	1				
		21	1015.1	–	16.7	2.2	14.8	78	5.2	2	4	7	14	4	0	0	0	0	0	0	1	6	6	15	3	0	0	5	24	2	1	4	5	2	2	11	4	0				

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 EAST ANGLIA																																											
Norfolk																																										
Coltishall	19	3	1015.1	–	13.7	0.7	14.5	92	5.3	0	8	5	12	5	1	0	0	2	0	4	3	10	5	7	0	0	0	1	29	1	2	3	6	1	4	7	5	2
		9	1015.3	–	18.6	2.8	15.9	74	4.8	2	8	3	13	5	0	0	0	0	0	0	1	6	9	13	2	0	0	11	20	0	1	1	4	4	6	7	6	2
		15	1015.0	–	21.1	4.2	15.9	64	5.1	1	6	6	14	4	0	0	0	0	0	0	0	2	10	16	3	0	0	16	15	0	2	3	7	5	3	6	5	0
		21	1015.3	–	16.1	1.5	15.6	85	4.0	1	12	6	10	2	0	0	0	0	0	1	1	8	9	11	1	0	0	3	28	0	1	2	5	6	4	9	3	1
Hemsby	14	3	1014.8	–	14.2	0.7	15.0	92	4.4	2	8	7	10	4	0	0	1	0	4	1	4	10	7	4	0	0	0	5	25	1	2	1	4	4	5	6	8	0
		9	1015.2	–	17.8	2.3	15.8	78	5.1	1	8	2	14	6	0	0	0	0	0	0	2	12	7	7	3	0	0	16	15	0	0	1	6	6	4	5	6	3
		15	1015.1	–	19.7	3.2	16.2	71	5.3	1	5	3	21	1	0	0	0	0	0	0	1	6	6	12	6	0	0	15	16	0	2	6	5	5	3	6	4	0
		21	1015.1	–	16.0	1.1	16.1	88	4.3	1	8	10	11	1	0	0	0	0	0	1	1	12	9	7	1	0	0	6	25	0	2	2	4	3	8	7	3	2
Marham	24	3	1015.1	–	13.9	0.8	14.5	91	5.0	2	6	5	13	5	0	0	0	0	1	1	3	12	6	5	3	0	0	3	28	0	2	0	5	6	7	6	2	3
		9	1015.3	–0.7	18.6	2.6	16.3	76	5.2	1	5	8	12	5	0	0	0	0	0	0	2	9	3	16	1	0	0	13	18	0	1	0	4	5	7	6	5	3
		15	1014.8	–	21.8	4.5	16.2	62	4.9	1	6	8	13	3	0	0	0	0	0	0	0	2	4	19	6	0	0	17	14	0	1	0	4	4	3	10	7	2
		21	1015.2	–	16.8	1.7	15.9	83	3.9	1	12	6	11	1	0	0	0	0	0	0	1	8	7	12	3	0	0	7	24	0	1	3	3	8	3	7	6	0
Norwich	15	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Weather Centre (X)		9	1015.4	–	18.5	2.6	16.1	76	4.9	1	7	9	6	8	0	0	0	0	0	0	1	12	5	11	2	0	0	4	27	0	3	0	6	2	7	5	5	3
		15	1015.0	–	21.3	4.2	16.3	65	5.1	0	8	6	12	5	0	0	0	0	0	0	0	2	11	16	2	0	0	11	20	0	2	1	4	6	4	7	3	4
		21	1015.2	–	17.6	1.9	16.4	82	4.1	1	10	9	10	1	0	0	0	0	0	0	1	12	7	9	2	0	0	2	29	0	1	2	5	4	7	6	2	4
Cambridgeshire																																										
Wyton	43	3	1015.0	–	14.0	0.9	14.4	90	5.5	3	3	5	16	4	0	0	0	0	1	0	6	7	6	10	1	0	0	2	28	1	3	2	2	1	6	8	7	1
		9	1015.3	–1.0	18.6	3.1	15.2	71	5.4	1	3	9	16	2	0	0	0	0	0	0	0	5	8	11	7	0	0	9	22	0	2	1	3	1	8	8	5	3
		15	1014.6	–	21.9	5.2	15.0	58	5.8	0	4	4	23	0	0	0	0	0	0	0	0	2	6	8	15	0	0	10	21	0	1	2	4	3	4	8	8	1
		21	1015.2	–	17.5	2.3	15.4	77	5.3	1	4	8	15	3	0	0	0	0	0	0	0	6	4	14	7	0	0	2	28	1	2	3	2	2	6	8	6	1
Suffolk																																										
Honington	51	3	1015.1	–	13.8	0.8	14.4	91	5.0	2	6	6	12	5	0	0	0	0	1	1	9	3	7	9	1	0	0	0	30	1	1	3	4	1	7	8	4	2
		9	1015.5	–0.6	18.6	3.0	15.3	72	5.3	1	5	6	14	5	0	0	0	0	0	0	1	10	6	12	2	0	0	3	28	0	1	2	3	4	6	7	7	1
		15	1014.9	–	21.8	5.2	14.8	58	5.3	0	7	5	16	3	0	0	0	0	0	0	0	4	5	16	6	0	0	10	21	0	1	0	7	2	6	6	7	2
		21	1015.3	–	16.6	2.0	15.2	80	4.8	1	8	4	17	1	0	0	0	0	0	0	2	8	6	9	6	0	0	2	29	0	1	3	5	3	6	7	5	1
Wattisham	91	3	1015.1	–	13.6	0.6	14.6	93	5.1	3	6	3	12	6	1	0	0	1	1	2	4	11	5	7	0	0	0	7	24	0	1	3	3	3	5	8	5	3
		9	1015.5	–	17.7	2.3	15.7	78	5.8	1	4	4	14	8	0	0	0	0	0	0	3	7	8	11	2	0	0	12	19	0	1	1	3	1	11	4	7	3
		15	1015.0	–	20.4	4.0	15.5	66	5.4	1	6	5	13	6	0	0	0	0	0	0	0	4	11	10	6	0	0	18	13	0	1	2	1	7	6	4	8	2
		21	1015.2	–	15.8	1.5	15.2	85	4.8	2	9	1	16	3	0	0	0	0	0	0	1	8	10	9	3	0	0	4	26	1	1	4	2	3	6	7	6	1
Essex																																										
Stansted	102	3	1015.0	–	13.7	0.9	14.1	89	5.0	2	4	8	12	5	0	0	0	0	1	1	6	8	4	10	1	0	0	3	27	1	3	1	4	1	5	6	7	3
		9	1015.2	–1.2	18.0	3.0	14.8	72	5.5	1	4	6	15	5	0	0	0	0	0	0	3	8	3	15	2	0	0	15	16	0	2	1	5	1	6	9	4	3
		15	1014.6	–	21.1	4.9	14.6	59	5.3	0	8	5	13	5	0	0	0	0	0	0	0	7	6	12	6	0	0	14	17	0	2	0	4	5	5	4	9	2
		21	1015.1	–	16.6	2.2	14.8	78	4.7	1	8	6	12	4	0	0	0	0	0	0	3	7	5	12	4	0	0	3	28	0	1	4	2	4	5	4	9	2
4 MIDLAND COUNTIES																																										
West Yorkshire																																										
Leeds	60	3	1014.3	–	14.5	1.1	14.4	87	4.6	2	8	6	9	6	0	0	0	0	0	0	2	13	3	10	3	0	0	2	29	0	4	2	3	2	3	2	9	6
Weather Centre (X)		9	1014.3	–	17.5	2.7	14.7	73	5.6	0	6	4	18	3	0	0	0	0	0	0	4	6	8	9	4	0	1	5	25	0	4	3	4	2	2	2	11	3
		15	1013.7	–	21.3	5.1	14.3	58	5.9	0	3	6	18	4	0	0	0	0	0	0	1	4	7	9	10	0	0	16	15	0	1	2	7	1	2	1	14	3
		21	1014.6	–	17.3	2.5	14.9	75	5.0	0	7	7	15	2	0	0	0	0	0	0	1	6	9	11	4	0	0	4	27	0	6	3	3	1	1	2	11	4
Wilsden	267	3	1014.7	–	12.7	0.8	13.4	91	4.8	4	6	4	9	7	1	0	0	0	1	0	1	3	9	15	2	0	0	4	23	4	0	4	3	0	4	7	8	1
		9	1014.4	–	15.5	1.9	14.2	80	5.6	0	3	11	11	6	0	0	0	0	0	2	4	10	7	8	0	0	1	7	23	0	0	5	5	4	3	4	9	1
		15	1014.0	–	18.6	3.7	14.1	67	6.1	0	3	6	14	7	1	0	0	1	0	2	2	4	8	14	0	0	0	10	21	0	1	1	7	3	1	6	10	2
		21	1014.9	–	14.8	1.7	13.8	82	5.5	0	3	11	11	4	2	0	0	2	0	0	1	3	17	8	0	0	0	5	20	6	2	4	3	2	1	6	7	0
South Yorkshire																																										
Finningley	15	3	1014.3	–	13.4	0.8	14.1	91	5.2	1	5	7	12	6	0	0	0	0	1	2	5	5	6	8	4	0	0	3	26	2	6	2	1	5	4	6	5	0
		9	1014.3	–1.3	18.0	2.8	15.2	73	5.8	0	3	7	16	5	0	0	0	0	0	0	0	5	6	7	8	5	0	0	8	22	1	5	1	4	1	5	5	8	1
		15	1013.6	–	21.9	5.4	14.6	56	5.3	0	4	8	17	2	0	0	0	0	0	0	0	2	7	11	11	0	1	18	12	0	2	0	6	0	5	8	8	2
		21	1014.6	–	16.5	2.0	15.0	80	4.8	1	7	8	11	4	0	0	0	0	0	1	1	6	5	12	6	0	0	4	26	1	4	5	3	1	3	4	7	3
Nottinghamshire																																										
Nottingham	119	3	1015.0	–	13.5	0.9	14.0	90	5.2	0	8	7	12	4	0	0	0	1	1	0	1	12	5	11	0	0	0	2	28	1	5	3	3	1	5	9	3	1
Weather Centre (X)		9	1015.0	–1.0	17.2	2.5	14.8	76	5.8	0	5	5	15	6	0	0	0	0	0	2	1	11	6	10	1	0	0	4	27	0	1	6	2	1	5	9	7	0
		15	1014.4	–	21.1	5.1	14.2	57	5.2	0	4	10	15	2	0	0	0	0	0	0	0	5	1	13	12	0	0	12	19	0	1	4	2	1	6	6	9	2
		21	1015.2	–	16.6	2.2	14.7	78	5.3	0	6	6	17	2	0	0	0	0	0	0	0	8	7	9	7	0	0	3	28	0	4	4	2	1	2	9	6	3
Staffordshire																																										
Cellarhead	228	3	1014.8	–	13.2	0.7	14.0	92	6.6	0	3	4	5	17	2	1	0	1	0	0	2	14	13	0	0	0	0	0	2	25	4	0	1	6	2	6	6	4	2
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shropshire																																										
Shawbury	76	3	1014.6	–	13.8	1.1	13.9	88	6.3	1	3	2	15	9	1	0	0	0	1	1	4	9	3	13	0	0	0	2	24	5	2	3	2	3	4	3	6	3
		9	1014.7	–1.5	17.3	2.6	14.7	74	6.4	0	2	1	24	4	0	0	0	0	0	0	5	4	9	10	3	0	0	13	18	0	1	1	4	4	8	3	8	2
		15	1014.3	–	20.2	4.5	14.3	62	6.1	0	2	6	20	3	0	0	0	0	0	0	0	4	8	11	8	0	0	17	14	0	2	0	5	2	6	6	8	2
		21	1015.0	–	16.1	2.3	14.0	77	5.2	0	8	2	20	1	0	0	0	0	0	0	1	6	6	13	5	0	0	4	26	1	4	2	3	3	2	5	9	2
West Midlands																																										
Elmdon	99	3	1014.7	–	13.7	0.9	14.1	90	5.8	0	4	5	15	7	0	0	0	0	0	1	1	3	9	11	5	1	0	0	1	26	4	1	4	1	2	6	7	3	3
		9	1015.0	–1.4	17.4	2.5	15.0	76	6.2	0	3	4	19	5	0	0	0	0	0	0	1	8	9	11	2	0	0	4	27	0	1	4	1	3	7	7	4	4
		15	1014.3	–	21.0	4.9	14.5	59	6.1	0	1	7	20	3	0	0	0	0	0	0	0	1	5	14	11	0	0	6	24	1	1	0	3	3	7	9	4	3
		21	1014.9	–	16.8	2.5	14.4	75	4.8	0	8	8	14	1	0	0	0	0	0	0	0	7	8	15	1	0	0	1	30	0	3	2	3	2	5	10	4	2
Hereford & Worcester																																										
Great Malvern	46	9	1015.0	–	18.4	2.5	16.2	77	5.3	1	5	5	13	7	0	0	0	0	0	0	4	3	11	13	0	0	0	3	28	0	0	5	1	3	10	4	6	2
		15	1014.4	–	21.6	4.4	16.3	64	6.1	0	1	8	13	9	0	0	0	0	0	0	0	1	10	20	0	0	0	7	24	0	1	3	1	2	10	4	9	1
		21	1015.0	–	17.1	2.2	15.2	78	5.2	0	7	6	12	6	0	0	0	0	0	0	1	1	8	21	0	0	0	1	30	0	2	3	4	2	5	6	7	2

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
4 MIDLAND COUNTIES - Continued																																										
Hereford & Worcester - Continued																																										
Madley	79	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	1015.2	—	17.5	—	—	—	5.7	1	3	5	15	7	0	0	0	0	0	0	2	7	14	8	0	0	0	2	21	8	0	3	0	2	9	1	6	2
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oxfordshire																																									
Brize Norton	92	3	1015.2	—	13.5	0.7	14.4	92	5.0	0	9	6	8	8	0	0	0	0	1	0	4	13	6	6	1	0	0	0	29	2	1	5	3	0	4	7	8	1
		9	1015.4	—	17.3	2.1	15.6	79	5.9	2	1	7	12	9	0	0	0	0	0	0	1	7	8	14	1	0	0	3	28	0	2	4	2	2	5	11	5	0
		15	1014.7	—	21.0	4.5	15.3	62	5.8	0	1	11	13	6	0	0	0	0	0	0	0	1	5	18	7	0	0	9	22	0	2	1	3	1	7	7	10	0
		21	1015.3	—	16.9	2.1	15.3	79	5.0	0	8	5	16	2	0	0	0	0	0	0	0	6	4	19	2	0	0	2	29	0	1	4	3	1	2	10	9	1
5 ENGLAND SE & CENT. S																																									
Greater London																																									
Heathrow	26	3	1015.2	—	15.3	1.2	15.2	87	5.9	1	4	4	13	9	0	0	0	0	1	0	1	13	7	5	4	0	0	1	26	4	1	2	3	1	4	8	7	1
		9	1015.6	-1.2	18.4	2.6	15.9	75	5.5	2	5	3	15	6	0	0	0	0	0	0	0	6	9	11	5	0	0	1	30	0	3	2	2	2	9	6	7	0
		15	1014.8	—	22.1	5.0	15.7	60	5.5	0	3	9	15	4	0	0	0	0	0	0	0	2	6	12	11	0	0	0	19	2	1	1	3	2	8	6	8	0
		21	1015.2	—	18.4	2.7	15.7	74	5.1	1	6	8	10	6	0	0	0	0	0	0	0	8	10	5	8	0	0	1	29	1	1	3	4	3	5	9	4	1
London	24	3	1015.2	—	16.1	1.7	15.1	82	4.9	1	9	3	12	6	0	0	0	0	0	0	0	12	7	11	1	0	0	8	23	0	2	2	5	0	3	7	11	1
Weather Centre (X)		9	1015.6	—	18.6	3.1	15.2	71	5.5	2	4	3	14	8	0	0	0	0	0	0	0	5	9	12	5	0	0	6	25	0	2	2	2	2	5	6	8	4
		15	1014.9	—	22.2	5.3	15.1	57	5.4	1	5	7	13	5	0	0	0	0	0	0	0	1	8	15	7	0	0	14	17	0	3	0	6	1	3	9	7	2
		21	1015.3	—	18.8	3.1	15.4	72	5.0	3	5	5	12	6	0	0	0	0	0	0	0	8	6	11	6	0	0	8	23	0	2	2	6	2	4	6	6	3
Wiltshire																																									
Lyneham	149	3	1015.3	—	13.6	0.5	14.7	94	6.2	1	3	4	12	10	1	0	1	1	1	1	6	10	5	6	0	0	0	2	28	1	0	3	2	2	9	9	4	1
		9	1015.6	-1.4	16.6	1.9	15.2	81	6.1	1	2	5	17	6	0	0	0	0	0	1	0	10	6	12	2	0	0	8	23	0	2	2	1	1	9	10	5	1
		15	1015.0	—	20.0	4.1	14.9	65	6.5	0	0	8	16	7	0	0	0	0	0	0	0	2	10	11	8	0	0	13	18	0	1	0	3	1	8	9	9	0
		21	1015.6	—	15.8	1.8	14.6	81	5.2	0	7	6	15	3	0	0	0	0	0	0	1	5	5	17	3	0	0	5	25	1	0	2	3	2	3	6	12	2
Berkshire																																									
Easthampstead	75	9	1015.8	—	17.4	2.1	15.8	80	5.8	2	3	4	15	7	0	0	0	0	0	0	2	4	10	15	0	0	0	0	31	0	3	2	3	2	6	6	6	3
		15	1015.1	—	21.1	4.4	15.5	63	5.7	1	3	7	14	6	0	0	0	0	0	0	0	3	4	14	10	0	0	0	29	2	2	2	4	1	5	6	8	1
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kent																																									
Langdon Bay	121	3	1015.8	—	14.3	0.6	15.2	93	4.7	5	4	7	7	5	3	2	1	0	0	3	1	5	10	9	0	0	0	12	16	3	1	2	3	1	0	10	9	2
		9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1015.9	—	15.4	0.8	16.2	92	4.6	6	2	6	8	8	1	0	0	1	0	1	1	7	12	9	0	0	0	2	13	15	1	2	4	5	0	1	8	9	1
Manston	45	3	1015.8	—	14.4	0.8	15.0	91	5.0	4	5	2	16	4	0	0	0	0	2	1	6	10	11	1	0	0	0	3	28	0	1	2	2	4	6	10	3	3
		9	1016.3	—	17.6	2.0	16.2	81	5.2	2	5	6	11	7	0	0	0	0	0	0	5	11	10	5	0	0	0	0	11	20	0	2	0	6	4	5	7	2	5
		15	1015.8	—	19.9	3.3	16.2	70	5.0	4	3	6	14	4	0	0	0	0	0	0	1	6	14	10	0	0	0	0	13	18	0	2	2	5	1	8	9	3	1
		21	1015.8	—	16.3	1.3	15.9	86	4.4	3	8	6	10	4	0	0	0	0	0	1	0	13	10	7	0	0	0	0	9	21	1	2	2	6	4	5	8	2	1
Ulcombe	47	9	1016.1	—	17.8	2.0	16.5	81	5.4	3	4	4	13	7	0	0	0	0	0	1	2	22	6	0	0	0	0	0	2	28	1	0	1	2	6	2	6	11	2
		21	1015.8	—	16.0	1.2	15.9	88	5.0	1	8	3	12	7	0	0	0	0	0	0	1	0	28	2	0	0	0	0	2	23	6	1	3	5	3	3	3	7	0
Hampshire																																									
Solent	9	3	1015.9	—	15.5	1.3	15.3	87	5.7	5	1	4	5	16	0	0	0	0	0	0	0	4	15	12	0	0	1	13	13	4	0	2	3	1	4	8	7	2
M R S C		9	1016.3	—	17.7	2.1	16.1	80	5.8	1	3	7	12	8	0	0	0	0	0	0	2	5	11	13	0	0	1	13	14	3	0	2	2	3	3	10	6	2
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1015.9	—	17.4	2.1	15.8	80	5.2	1	5	9	9	7	0	0	0	0	0	0	0	3	16	12	0	0	1	14	14	2	1	2	4	1	1	8	10	2
Southampton	9	3	1015.8	—	15.3	1.1	15.4	88	5.5	3	3	3	13	9	0	0	0	0	0	0	1	6	18	6	0	0	0	0	31	0	1	3	5	1	3	3	12	3
Weather Centre (X)		9	1016.2	—	18.0	2.4	15.7	77	5.8	0	6	3	15	7	0	0	0	0	0	0	1	6	7	16	1	0	0	0	31	0	0	1	4	2	7	6	8	3
		15	1015.8	—	20.5	3.9	15.9	67	5.5	0	5	7	14	5	0	0	0	0	0	0	1	1	8	17	4	0	0	2	29	0	0	1	5	3	6	8	8	0
		21	1015.9	—	17.7	2.3	15.7	78	4.4	1	9	7	12	2	0	0	0	0	0	0	0	1	11	18	1	0	0	0	31	0	0	0	5	4	1	7	11	3
Isle of Wight																																									
St Catherine's	16	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Point		9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wellow	25	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Sussex																																									
Gatwick	64	3	1015.8	—	14.1	0.8	14.7	91	6.0	3	2	2	11	11	2	0	0	3	1	0	4	8	12	2	1	0	0	0	24	7	1	2	3	0	6	8	3	1
		9	1016.1	-0.9	17.8	2.4	15.8	78	5.4	1	6	5	13	6	0	0	0	0	0	0	0	11	10	9	1	0	0	0	29	1	2	4	1	2	5	9	6	1
		15	1015.6	—	20.7	4.3	15.4	64	5.4	1	5	6	12	7	0	0	0	0	0	0	0	6	6	15	4	0	0	0	6	25	0	1	2	4	1	8	10	4	1
		21	1015.8	—	16.9	1.8	15.8	82	4.6	1	10	3	13	4	0	0	0	0	0	1	2	9	9	10	0	0	0	0	30	1	2	2	6	1	4	11	4	0
East Sussex																																									
Herstmonceux	25	3	1016.2	—	14.0	0.6	14.9	93	5.8	3	3	3	8	13	1	0	1	0	2	1	3	3	17	4	0	0	0	3	26	2	3	3	2	2	3	4	7	5
		9	1016.5	—	17.4	1.8	16.3	83	5.3	3	3	7	14	4	0	0	0	0	0	0	3	7	6	15	0	0	0	8	21	2	2	2	3	2	4	6	10	0
		15	1016.2	—	19.2	2.7	16.7	76	5.4	1	4	7	13	6	0	0	0	0	0	0	1	3	7	20	0	0	1	12	18	0	1	2	2	5	3	8	9	1
		21	1016.0	—	15.5	1.0	15.8	90	5.3	1	4	7	11	8	0	0	0	0	0	0	3	4	16	8	0	0	0	4	25	2	3	8	0	0	1	5	9	3
7A ENGLAND NW & I.o.M.																																									
Cumbria																																									
Aspatria	64	9	1013.8	—	16.5	1.9	15.3	81	5.9	0	3	4	21	3	0	0	0	0	0	0	1	11	9	7	3	0	0	19	12	0	1	6	3	2	2	5	11	1
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1014.1	—	15.6	1.4	15.1	85	4.9	0	7	9	12	3	0	0	0	0	0	0	3	2	4	17	5	0	0	8	16	7	0	3	4	1	0	10	6	0
Eskmeals	9	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
7A ENGLAND NW & I.o.M. - Continued																																											
Lancashire																																										
Aughton	56	3	1014.1	–	14.7	1.1	14.9	89	6.1	0	5	1	18	7	0	0	0	0	0	0	2	1	5	17	6	0	0	2	29	0	4	3	4	7	3	4	6	0
		9	1014.3	–	16.8	2.0	15.3	80	6.0	0	2	7	16	6	0	0	0	0	0	0	0	6	7	11	7	0	0	6	25	0	3	1	4	6	5	1	10	1
		15	1014.1	–	19.2	3.5	15.1	69	6.0	0	2	8	17	4	0	0	0	0	0	0	0	3	3	14	11	0	0	11	20	0	2	0	5	3	2	4	10	5
		21	1014.5	–	16.5	2.0	15.0	80	5.6	0	5	5	18	3	0	0	0	0	0	0	0	3	4	14	10	0	0	5	22	4	1	1	7	2	2	5	6	3
Squires Gate	11	9	1014.2	–1.5	17.5	2.6	15.1	76	6.0	0	4	5	18	4	0	0	0	0	0	0	1	10	6	13	1	0	2	18	11	0	2	2	7	5	3	3	9	0
		15	1014.1	–	19.4	3.7	15.0	68	5.5	0	4	8	17	2	0	0	0	0	0	0	1	4	5	12	9	0	1	20	10	0	1	0	5	3	2	5	10	5
Merseyside																																										
Crosby	9	3	1013.9	–	15.5	1.5	14.9	85	5.7	2	3	6	7	13	0	0	0	0	0	0	1	3	4	22	1	1	1	12	12	5	2	1	5	3	5	2	8	0
		9	1014.0	–	17.5	2.4	15.3	77	6.1	0	4	6	8	13	0	0	0	0	0	1	1	7	4	17	1	0	3	11	17	0	2	1	4	5	7	0	11	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1014.2	–	17.3	2.3	15.2	78	6.1	1	2	7	7	14	0	0	0	0	0	0	2	4	5	16	4	0	2	12	14	3	2	1	4	2	6	5	6	2
Greater Manchester																																										
Ringway	84	3	1014.3	–	14.5	1.3	14.2	87	5.3	2	6	3	15	5	0	0	0	0	1	0	3	7	13	7	0	0	0	4	26	1	1	3	6	4	8	4	2	2
		9	1014.4	–1.4	17.3	2.5	14.9	76	5.9	0	4	6	19	2	0	0	0	0	0	1	4	15	9	2	0	0	0	10	21	0	1	5	3	1	10	1	7	3
		15	1014.1	–	20.0	4.3	14.4	63	5.9	0	3	6	19	3	0	0	0	0	0	0	1	2	9	10	9	0	0	0	12	19	0	1	0	4	5	2	10	9	0
		21	1014.7	–	16.9	2.5	14.5	75	5.6	0	4	8	16	3	0	0	0	0	0	0	1	2	14	10	4	0	0	5	26	0	0	2	4	6	4	9	3	3
Isle of Man																																										
Calf of Man	93	3	–	–	–	–	–	–	5.8	0	2	11	8	8	2	1	0	1	1	0	1	3	4	16	4	0	1	11	17	2	3	0	5	3	8	1	8	1
		9	–	–	–	–	–	–	5.8	1	4	7	7	10	2	0	0	1	1	0	1	3	11	12	2	0	2	13	15	1	3	0	7	2	8	3	6	1
		15	–	–	–	–	–	–	5.9	0	3	9	10	9	0	0	0	0	0	0	0	2	8	19	2	0	0	15	16	0	1	2	5	1	10	5	6	1
		21	–	–	–	–	–	–	5.9	0	1	12	8	9	1	1	0	1	0	0	0	4	7	16	2	0	2	12	16	1	4	1	4	4	8	5	2	2
Point of Ayre	11	3	1013.3	–	13.5	0.6	14.4	93	5.4	1	5	7	10	8	0	0	0	0	1	0	0	0	6	17	7	0	1	14	13	3	0	6	1	2	4	6	7	2
		9	1013.5	–1.7	15.7	1.4	15.3	85	5.9	1	4	3	16	7	0	0	0	0	0	0	0	0	11	19	1	0	2	18	10	1	1	7	0	3	6	3	8	2
		15	1013.5	–	18.0	2.7	15.3	74	6.0	0	2	8	13	8	0	0	0	0	0	1	0	0	10	16	4	0	1	13	13	4	0	6	3	4	2	4	6	2
		21	1013.5	–	14.8	1.3	14.6	86	5.8	0	3	8	17	3	0	0	0	0	0	1	0	0	4	21	5	0	0	12	17	2	0	7	1	2	7	4	3	5
Ronaldsway	21	3	1013.4	–	13.9	1.0	14.2	89	5.5	0	7	5	10	9	0	0	0	0	2	0	1	9	7	10	2	0	0	16	12	3	2	5	5	3	1	6	6	0
		9	1013.6	–1.8	15.7	1.7	14.8	83	5.9	0	3	7	16	5	0	0	0	0	0	1	1	10	11	5	3	0	2	14	14	1	1	4	4	3	4	5	9	0
		15	1013.6	–	17.4	2.5	14.9	76	5.7	0	6	2	20	3	0	0	0	0	0	0	2	6	12	10	1	0	0	15	16	0	1	2	9	0	6	9	4	0
		21	1013.6	–	14.8	1.4	14.3	85	5.8	0	5	5	16	5	0	0	0	0	1	0	2	6	11	8	3	0	1	11	19	0	5	4	5	0	5	6	4	2
7B WALES N																																										
Gwynedd																																										
Nantmor	52	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	16.0	1.8	14.9	83	6.3	2	1	5	7	16	0	0	0	0	0	0	1	3	12	0	15	0	0	5	9	17	3	0	1	0	9	1	0	0
Valley	11	3	1013.6	–	14.5	1.1	14.5	88	5.8	1	3	6	12	9	0	0	0	0	0	0	0	7	8	14	2	0	1	15	15	0	1	7	1	1	9	5	5	2
		9	1014.0	–2.0	16.4	1.6	15.5	84	6.3	0	4	4	12	11	0	0	0	0	2	1	0	8	6	10	4	0	1	14	16	0	2	6	3	0	7	7	6	0
		15	1014.1	–	18.6	3.0	15.3	73	5.0	0	8	6	14	3	0	0	0	0	0	2	0	4	5	7	13	0	1	16	14	0	2	3	1	1	7	13	2	2
		21	1014.0	–	15.7	1.5	15.2	85	5.7	0	6	2	17	6	0	0	0	0	0	1	0	3	6	16	5	0	1	12	17	1	3	5	3	1	9	7	2	0
Clwyd																																										
Moel-y-Crio	263	9	1014.6	–	15.7	1.4	15.3	86	6.3	0	2	4	19	6	0	0	0	1	0	2	2	4	6	10	6	0	0	19	10	2	3	0	1	5	5	2	10	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1015.0	–	14.4	1.3	14.1	86	5.9	0	4	6	10	11	0	0	0	1	0	0	3	1	10	13	3	0	0	12	18	1	1	1	3	1	7	7	7	3
8A WALES S																																										
Dyfed																																										
Aberporth	134	3	1013.9	–	14.0	0.9	14.4	91	6.4	1	3	2	13	12	0	0	0	1	0	0	2	8	12	6	2	0	1	16	14	0	0	0	6	2	10	5	7	1
		9	1014.3	–2.4	15.4	1.4	14.9	86	6.6	0	1	3	18	8	1	0	1	0	0	0	2	8	9	7	4	0	3	14	14	0	1	4	1	3	7	4	10	1
		15	1014.3	–	17.5	2.8	14.5	74	5.6	0	3	8	15	4	1	0	1	0	0	0	1	2	7	14	6	0	2	17	12	0	0	2	4	2	4	5	11	3
		21	1014.4	–	14.9	1.5	14.2	84	5.6	1	6	3	14	7	0	0	0	0	0	0	0	6	12	11	2	0	1	14	15	1	0	6	1	2	10	8	2	1
Brawdy	116	3	1014.2	–	13.4	0.4	14.7	95	6.4	1	3	4	9	14	0	0	2	0	1	1	3	7	7	10	0	0	0	13	18	0	3	2	6	2	6	3	6	3
		9	1014.6	–	15.1	1.0	15.3	89	7.0	0	0	2	17	12	0	2	1	0	1	0	2	5	6	12	2	0	1	15	15	0	0	3	2	4	7	5	7	3
		15	1014.5	–	17.1	2.3	15.2	78	5.5	0	5	7	14	5	0	0	1	0	0	0	0	2	9	17	2	0	1	24	6	0	1	2	3	4	1	15	4	1
		21	1014.5	–	14.5	0.9	15.0	91	6.0	1	2	6	13	9	0	0	0	1	0	0	1	6	13	9	1	0	1	12	18	0	2	3	4	4	3	9	5	1
Milford Haven	39	3	1014.2	–	14.8	0.8	15.3	91	5.6	2	5	4	5	15	0	0	0	0	0	0	0	6	18	7	0	0	0	12	18	1	3	1	7	2	4	5	5	3
		9	1014.8	–2.3	15.6	1.1	15.8	89	6.7	0	2	5	7	15	2	0	1	0	0	1	2	7	12	8	0	0	1	13	14	3	1	1	6	4	5	3	6	2
		15	1014.8	–	17.6	2.3	15.7	79	5.0	1	4	12	6	7	1	0	0	0	1	0	0	4	13	13	0	0	0	16	15	0	2	0	9	0	3	13	4	0
		21	1014.6	–	15.7	1.2	15.5	87	5.2	2	4	10	5	10	0	0	0	0	0	0	1	7	17	6	0	0	0	1	11	18	1	3	2	6	1	6	7	4	1
West Glamorgan																																										
Mumbles Head	32	3	1014.6	–	15.0	0.4	16.3	95	6.4	1	2	5	4	19	0	0	0	0	0	0	0	0	2	20	9	0	0	3	12	15	1	1	3	6	2	4	4	9	1
		9	1015.1	–2.1	16.4	1.0	16.6	89	6.3	1	3	3	10	14	0	0	0	0	0	0	1	2	8	16	4	0	0	1	16	13	1	1	2	7	2	4	7	6	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mid Glamorgan																																										
Cwmbargoed	372	9	–	–	14.5	1.0	14.6	89	6.7	0	1	4	13	12	1	1	0	0	3	3	1	9	8	6	0	0	2	5	21	3	1	2	2	3	3	5	4	8
South Glamorgan																																										
Rhoose	74	3	1014.8	–	14.3	0.7	15.1	93	6.0	0	6	2	13	10	0	0	0	0	0	0	1	11	14	5	0	0	0	10	19	2	1	5	6	3	1	2	10	1
		9	1015.3	–1.8	16.5	1.6	15.8	84	6.5	0	2	3	18	8	0	0	0	0	0	1	0	7	11	12	0	0	1	14	16	0	0	3	5	4	3	6	9	1
		15	1015.1	–	18.6	3.0	15.5	73	6.0	0	4	2	19	6	0	0	0	0	0	0	1	3	9	15	3	0	1	19	11	0	0	2	3	6	0	2	16	2
		21	1015.3	–	15.7	1.5	15.1	85	5.5	1	3	9	13	5	0	0	0	0	0	0	0	6	9	14	2	0	0	11	20	0	1	2	3	6	1	0	2	11	7
8B ENGLAND SW																																										
Avon																																										
Bristol Weather Centre (X)	40	3	1015.1	–	15.3	1.3	15.0	86	6.2	1	3	4	11	12	0	0	0	0	0	0	0	16	12	3	0	0	0	2	21	8	0	2	4	1	4	5	7	0
		9	1015.4	–1.7	17.5	2.7	14.8	74	5.8	0	3	8	14	6	0	0	0	0	0	0	0	7	9	15	0	0	0	2	26	3	1	1	2	4	5	9	6	0
		15	1015.0	–	20.2	4.3	14.8	63	5.7	0	1	9	17	4	0	0	0	0	0	0	0	5	5	15	6	0	0	10	20	1	1	0	2	7	3	2	14	1
		21	1015.5	–	17.3	2.6	14.8	75	5.1	1	6	5	17	2	0	0	0	0	0	0	0	4	9	14	4	0	0	3	24	4	1	2	1	4	1	4	14	0

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Mean (Oktas)	Cloud amount: Number of observations: 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
8B ENGLAND SW - Continued																																											
Somerset																																											
Tivington	83	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1015.8	–	14.8	1.0	15.0	89	5.1	1	6	7	13	4	0	0	0	0	0	0	1	7	9	12	2	0	0	2	26	3	0	1	2	3	3	8	9	2
Yeovilton	23	3	1015.2	–	13.8	0.9	14.2	90	5.2	3	4	6	9	9	0	0	0	0	0	0	2	10	11	8	0	0	0	3	20	8	1	0	1	1	5	6	6	3
		9	1015.5	–	17.3	2.4	15.1	77	6.2	0	2	6	13	10	0	0	0	0	0	0	3	12	7	9	0	0	0	6	25	0	3	1	2	4	5	6	7	3
		15	1015.1	–	19.7	3.8	15.1	67	6.0	0	3	8	8	12	0	0	0	0	0	0	0	7	4	20	0	0	0	10	20	1	3	0	4	5	3	7	4	4
		21	1015.6	–	16.2	2.0	14.6	80	5.1	1	3	11	10	6	0	0	0	0	0	0	0	7	7	17	0	0	0	1	28	2	4	1	2	3	4	4	9	2
Dorset																																											
Hurn	11	3	1015.7	–	13.8	0.8	14.4	91	5.9	2	3	3	13	10	0	0	0	0	1	0	3	8	14	5	0	0	0	5	24	2	2	3	2	3	4	10	5	0
		9	1016.1	-1.7	17.6	2.1	15.9	79	5.7	0	3	9	11	8	0	0	0	0	0	0	1	10	6	12	2	0	0	9	22	0	2	3	0	6	5	8	6	1
		15	1015.8	–	19.7	3.3	16.2	71	5.3	0	4	10	9	8	0	0	0	0	0	0	2	5	6	12	6	0	0	14	17	0	0	2	5	3	8	10	2	1
		21	1015.9	–	15.9	1.5	15.2	84	4.6	1	8	9	10	3	0	0	0	0	0	0	1	3	11	12	4	0	0	2	29	0	1	2	3	3	3	9	7	3
Portland	54	9	1016.2	–	15.6	1.1	15.7	89	6.3	0	3	5	10	9	4	0	1	2	1	1	1	6	9	10	0	0	0	18	13	0	0	1	8	3	1	6	2	2
Bill C.G.		15	1016.1	–	16.9	1.7	16.0	83	5.2	1	3	9	11	4	3	1	0	0	2	1	1	6	11	9	0	0	0	0	18	13	0	0	1	8	2	3	9	8	0
Devon																																											
Exeter	38	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lundy	43	3	–	–	14.7	0.7	15.4	92	5.7	2	5	4	6	12	2	0	1	0	0	0	1	3	13	13	0	0	0	6	8	14	3	3	3	2	0	7	4	7	2
		9	–	–	15.2	0.9	15.6	90	6.8	0	2	2	13	12	2	0	1	2	0	1	2	4	13	8	0	0	3	13	12	3	2	2	2	2	5	5	8	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	15.4	1.1	15.5	88	5.3	3	4	5	9	10	0	0	0	0	0	0	1	7	12	11	0	0	0	4	9	17	1	5	2	2	2	5	6	8	0
Mount Batten	28	3	1015.5	–	–	–	–	–	6.3	0	3	4	14	10	0	0	0	0	0	1	2	11	10	7	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1015.8	-1.9	–	–	–	–	6.5	0	3	1	20	7	0	0	0	0	0	0	3	2	4	8	14	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	1015.8	–	–	–	–	–	6.2	1	2	5	18	5	0	0	0	0	0	0	1	1	6	7	11	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1015.9	–	–	–	–	–	5.7	1	4	4	16	6	0	0	0	0	0	0	1	0	8	9	10	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cornwall																																											
Camborne	88	3	1015.1	–	13.9	0.6	14.9	94	6.6	0	2	4	10	15	0	0	0	0	0	0	2	3	11	7	7	1	0	1	15	14	1	0	0	4	5	8	3	8	2
		9	1015.4	–	15.4	1.0	15.6	89	6.8	0	2	0	21	8	0	0	0	1	0	1	3	7	10	8	1	0	3	18	10	0	1	0	4	5	6	4	9	2
		15	1015.6	–	16.7	1.9	15.3	81	6.3	1	1	5	13	11	0	0	0	0	0	0	0	8	6	14	3	0	3	22	6	0	1	1	6	3	3	6	10	1
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Culdrose	84	3	1015.1	–	14.0	0.5	15.1	95	6.6	0	3	5	4	19	0	0	0	1	2	0	6	11	9	2	0	0	2	9	19	1	0	1	6	3	3	5	10	2
		9	1015.4	–	15.5	0.9	15.9	90	7.1	0	0	1	18	12	0	0	1	3	1	1	0	10	8	7	0	0	2	15	14	0	1	0	6	4	4	6	6	4
		15	1015.6	–	16.4	1.5	15.7	84	6.7	0	0	6	13	12	0	0	2	0	1	0	3	4	10	11	0	0	0	1	15	15	0	1	0	6	5	1	6	11	1
		21	1015.6	–	14.6	0.7	15.5	93	6.4	0	2	6	12	11	0	0	1	1	1	1	1	9	10	7	0	0	0	1	12	16	2	0	0	8	3	0	6	9	3
Gwennap Head	70	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1015.3	–	14.8	0.7	15.6	92	7.2	0	1	2	8	14	6	1	1	2	2	0	2	6	5	11	1	0	5	16	8	2	0	3	6	2	4	8	3	3
		15	1015.7	–	15.4	1.2	15.3	88	6.5	0	1	7	7	13	3	0	1	2	0	1	3	5	9	5	5	0	5	17	8	1	0	2	6	2	4	11	4	1
		21	1015.4	–	14.4	0.7	15.1	92	6.6	1	1	6	4	16	3	2	0	1	0	1	2	6	7	11	1	0	5	15	10	1	0	3	9	0	4	8	4	2
St Mawgan	107	3	1015.0	–	14.2	0.5	15.3	94	6.7	0	2	3	10	16	0	0	0	0	2	0	4	14	5	6	0	0	1	14	16	0	0	0	8	4	7	3	7	2
		9	1015.3	-2.6	16.0	1.3	15.8	87	6.9	0	1	0	24	6	0	0	0	1	1	1	1	6	13	7	1	0	2	17	12	0	1	0	7	4	4	4	10	1
		15	1015.4	–	17.3	2.1	15.6	80	5.8	1	2	8	12	8	0	0	1	0	0	1	2	5	8	9	5	0	0	22	9	0	0	1	3	6	1	6	12	2
		21	1015.4	–	15.1	1.0	15.4	90	6.1	1	3	2	21	4	0	0	0	0	0	0	1	12	11	6	1	0	2	10	19	0	0	3	6	3	4	7	7	1
CHANNEL ISLANDS																																											
Channel Islands																																											
Guernsey Airport	107	3	1016.2	–	13.8	0.6	14.8	93	5.5	1	4	9	9	8	0	0	1	3	1	0	2	4	10	7	3	0	0	13	18	0	1	3	2	4	4	7	7	3
		9	1016.5	–	15.7	1.2	15.6	88	5.6	3	3	3	14	8	0	0	0	1	0	1	3	6	8	12	0	0	0	17	14	0	1	1	3	5	5	7	9	0
		15	1016.2	–	17.8	2.2	15.9	79	5.2	1	6	5	14	5	0	0	1	1	0	0	0	5	13	11	0	0	0	19	12	0	0	4	5	2	3	4	11	2
		21	1016.5	–	14.9	0.9	15.2	90	4.6	2	9	5	11	4	0	0	3	1	0	0	2	9	6	8	2	0	0	14	15	2	2	2	4	3	0	3	13	2
Jersey Airport	94	3	1016.4	–	14.4	0.7	15.2	92	5.4	2	6	3	12	8	0	0	1	0	0	3	3	5	6	12	1	0	0	17	14	0	1	0	7	5	2	4	9	3
		9	1016.9	-1.4	16.4	1.5	15.8	85	5.7	1	5	1	19	5	0	0	0	1	0	1	1	4	4	19	1	0	0	14	17	0	1	0	5	4	6	4	11	0
		15	1016.5	–	18.5	2.6	16.1	77	5.5	1	6	4	14	6	0	0	0	1	0	1	1	1	3	5	18	1	0	0	17	14	0	1	1	3	4	1	5	12	4
		21	1016.7	–	15.4	1.1	15.4	88	4.9	2	5	8	13	3	0	0	0	2	0	2	2	5	3	15	2	0	0	15	16	0	2	2	7	2	1	1	12	4
NORTHERN IRELAND																																											
Antrim																																											
Aldergrove	73	3	1012.9	–	13.8	1.0	14.0	89	6.3	0	3	4	16	8	0	0	0	0	0	0	2	4	10	12	3	0	0	9	21	1	3	2	6	4	6	6	1	2
		9	1013.3	-1.9	15.7	1.7	14.6	82	6.6	0	1	2	25	3	0	0	0	0	0	0	0	6	14	9	2	0	0	9	22	0	0	6	3	1	8	5	6	2
		15	1013.0	–	18.4	3.1	15.0	71	6.3	1	1	6	14	9	0	0	0	0	0	0	0	0	12	10	9	0	0	10	21	0	0	3	7	5	5	5	3	3
		21	1013.0	–	15.8	1.8	14.6	81	6.2	0	3	5	16	7	0	0	0	0	0	0	3	1	11	13	3	0	0	5	26	0	3	3	6	5	7	2	3	2
Londonderry																																											
Carmoney	73	9	–	–	15.2	1.3	15.0	86	6.8	0	2	3	11	15	0	0	0	0	0	0	0	1	1	29	0	0	0	7	24	0	0	4	6	1	4	5	9	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Down																																											
Long Kesh	39	3	1013.2	–	13.6	0.7	14.4	92	6.2	2	1	3	13	12	0	0	0	0	0	1	1	8	11	10	0	0	0	5	25	1	0	0	10	2	5	3	9	1
		9	1013.4	–	16.1	1.5	15.4	84	6.7	0	2	1	17	11	0	0	0	0	0	0	1	10	9	11	0	0	0	5	26	0	1	2	6	1	5	3	9	4
		15	1013.0	–	19.0	3.1	15.6	71	6.1	0	3	5	18	5	0	0	0	0	0	0	0	6	7	14	4	0	0	12	19	0	3	1	5	4	7	3	7	1
		21	1013.1	–	16.1	1.6	15.4	84	6.4	0	3	3	19	6	0	0	0	0	0	0	2	2	13	14	0	0	0	2	27	2	1	1	8	4	4	3	8	0
Tyrone																																											
Carrigans	113	9	1012.9	–	15.7	1.4	15.3	85	5.9	0	5	3	16	7	0	0	0	0	0	0	1	11	13	6	0	0	0	3	28	0	3	6	2	6	5	3	4	2
		21	1012.8	–	15.8	1.5	15.3	85	6.1	0	3	9	6	13	0	0	0	0	0	1	1	8	15	6	0	0	0	1	27	3	3	3	3	7	4	5	2	1
Fermanagh																																											
Corgary	144	9	1012.9	–	15.3	1.8	14.1	82	6.6	0	0	4	16	11	0	0	0	0	0	0	0	14	10	5	2	0	0	18	8	5	0	1	6	4	3	2	10	0

Table 5 Number of days with max. and min. temperatures between given limits — July 1991

Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	0	0	15	15	1	0	0	0	0	0	0	0	10	21	0
Kirkwall	0	0	0	7	23	1	0	0	0	0	0	0	0	6	25	0
Stornoway	0	0	0	7	18	6	0	0	0	0	0	0	0	2	29	0
Braemar	0	0	0	3	16	9	3	0	0	0	0	0	0	12	18	1
Craibstone	0	0	0	3	20	8	0	0	0	0	0	0	0	6	25	0
Dunstaffnage	0	0	0	1	20	6	4	0	0	0	0	0	0	5	20	6
Abbotsinch	0	0	0	0	15	16	0	0	0	0	0	0	0	3	24	4
Rothesay	0	0	0	0	18	13	0	0	0	0	0	0	0	2	22	7
Eskdalemuir	0	0	0	3	18	10	0	0	0	0	0	0	0	9	22	0
Boulmer	0	0	0	3	24	4	0	0	0	0	0	0	0	4	27	0
Leeming	0	0	0	0	11	16	4	0	0	0	0	0	0	2	27	2
Hull	0	0	0	0	1	25	5	0	0	0	0	0	0	0	23	8
Cranwell	0	0	0	0	2	21	8	0	0	0	0	0	0	4	25	2
Cambridge N I A B	0	0	0	0	2	20	9	0	0	0	0	0	0	1	25	5
Lowestoft	0	0	0	0	8	22	1	0	0	0	0	0	0	0	22	9
Shawbury	0	0	0	0	11	16	4	0	0	0	0	0	0	4	24	3
Elmdon	0	0	0	0	6	20	5	0	0	0	0	0	0	4	24	3
Heathrow	0	0	0	0	5	18	8	0	0	0	0	0	0	0	21	10
Southampton	0	0	0	0	11	17	3	0	0	0	0	0	0	1	22	8
Hastings	0	0	0	1	16	11	3	0	0	0	0	0	0	0	23	8
Douglas	0	0	0	2	21	8	0	0	0	0	0	0	0	2	25	4
Ringway	0	0	0	0	13	12	6	0	0	0	0	0	0	0	24	7
Valley	0	0	0	0	22	5	4	0	0	0	0	0	0	0	26	5
Aberporth	0	0	0	2	20	6	3	0	0	0	0	0	0	0	27	4
Rhoose	0	0	0	0	17	11	3	0	0	0	0	0	0	1	25	5
Falmouth	0	0	0	0	27	4	0	0	0	0	0	0	0	0	30	1
Aldergrove	0	0	0	0	20	11	0	0	0	0	0	0	0	2	24	5
Armagh	0	0	0	0	21	9	1	0	0	0	0	0	0	3	25	3

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed kn	Day Hour beginning	Veer from N	Speed kn	Day Time	
O SCOTLAND N																				
Shetland	Fair Isle	71	10	10		0	1	5	214	406	119	0	8.3	100	24	24 01	130	38	11	0948
	Lerwick	93	10	10		0	1	2	168	417	157	0	7.5	260	23	9 20	250	37	9	2006
	Sella Ness	16	10			0	3	14	278	369	83	0	9.6	120	25	11 13	120	37	11	1242
	Sumburgh	35	10	10		0	2	4	220	402	118	0	8.5	270	23	9 19	110	36	11	1548
Orkney	Kirkwall Airport	41	15	10		0	2	7	247	378	112	0	8.5	260	25	9 16	270	39	9	1624
Western Isles	Benbecula	16	10	10		0	1	5	273	413	53	0	9.5	280	23	13 14	150	35	10	2324
	Butt Of Lewis	43	10	10		0	4	26	316	340	62	0	10.3	280	26	13 16	280	38	13	1624
	Stornoway	12	10	10		0	1	1	184	421	138	0	7.6	240	22	9 16	240	34	9	1306
Highland	Aviemore	250	10	10		0	0	0	79	379	286	0	5.6	210	18	9 14	210	36	9	1442
	Dalcross	20	10	10		0	1	1	99	457	180	7	6.5	250	22	9 15	250	36	9	1518
	Duirinish	38	20	17	Defective record															
	Invergordon Harbour	19	16	06		0	0	0	82	408	252	2	5.8	260	21	13 18	240	33	13	1842
	Shin	24	10	10		0	0	0	30	388	326	0	4.7	250	18	9 15	250	37	9	1530
	Wick	45	10	10		0	0	0	120	490	106	28	7.1	250	19	9 14	230	32	9	1354
1 SCOTLAND E																				
Grampian	Aberdeen, Dyce Airport	68	10	10		0	0	0	82	427	235	0	5.8	270	20	13 21	270	32	13	2112
	Cairngorm	1075	10	10	9 13	7	13	82	378	182	95	0	12.9	280	36	13 16	280	57	13	1700
	Kinloss	18	13	13		0	1	1	108	387	248	0	6.2	270	24	9 15	260	37	9	1554
	Lossiemouth	17	10	10		0	0	0	113	380	251	0	5.9	220	19	27 13	250	33	9	1512
	Peterhead Harbour	34	30	15		0	0	0	165	442	137	0	7.5	270	20	9 16	270	33	9	1700
Tayside	Mylnefield	40	10	10		0	0	0	81	440	223	0	6.1	260	18	9 19	260	32	9	1930
	Tummel Bridge	161	16	16		0	0	0	16	336	386	6	4.3	280	14	13 23	270	31	9	1236
	Perth Aerodrome	118	10	10		0	0	0	105	474	165	0	6.5	230	20	13 06	230	32	13	0554
	Rannoch	307	17	17		0	0	0	138	451	138	17	7.1	250	18	9 16	080	23	6	0812
Fife	Leuchars	25	13	13		0	2	8	163	433	140	0	7.7	250	25	12 16	250	45	12	1624
Lothian	Edinburgh Turnhouse Airport	43	13	10		0	1	2	151	433	158	0	7.2	250	24	9 13	270	45	9	1412
	Royal Observatory, Blackford Hill	159	10	10		0	5	11	213	381	138	1	8.3	190	25	28 02	220	42	12	1500
	Forth Road Bridge	72		72		0	10	48	317	298	81	0	11.2	250	31	9 13	210	43	12	1506
	Leith	15	09			0	6	42	331	311	57	3	11.3	250	30	9 12	240	42	12	1600
Borders	Charter Hall	112		10		0	1	3	154	436	146	5	7.2	240	24	12 14	210	42	12	1400
6 SCOTLAND W																				
Strathclyde	Abbotsinch Airport	16	10	10		0	2	3	202	397	142	0	8.0	270	23	9 14	270	38	9	1312
	Blairlinnans	145	13	12	Defective record															
	Dunstaffnage	13	10	10		0	0	0	110	370	264	0	6.1	080	20	30 12	070	29	30	1542
	Greenock Port	51	49			0	6	29	325	324	66	0	11.0	230	25	9 10	240	43	9	1054
	Inchterf	55	15	12		0	0	0	153	381	207	3	6.9	250	21	9 12	220	33	12	1430
	Lowther Hill	754	27																	
	Machrihanish	10	10	10		0	2	5	311	361	67	0	9.7	090	24	5 21	090	38	5	1936
	Prestwick Airport	21	10	10		0	0	0	184	453	106	1	7.8	040	20	5 19	210	30	12	1112
	Salsburgh	275	15	11		0	10	52	450	225	17	0	13.2	260	29	9 15	230	44	12	1236
	Tiree	21	11	10		0	1	2	299	416	27	0	9.9	250	23	9 08	120	35	10	2300
Dumfries & Galloway	Chapelcross	64	15	15	Defective record															
	Dumfries, Drungans	28	13	10		0	0	0	21	447	275	1	5.1	210	19	12 12	210	37	12	1306
	Eskdalemuir	259	10	10		0	0	0	134	414	196	0	6.9	220	19	12 14	190	43	12	1100
	West Freugh	24	10	10		0	2	2	259	374	108	1	8.7	210	23	12 10	230	33	12	1106
	Whithorn	40	15			0	4	10	343	335	50	6	10.5	200	26	12 11	200	42	12	1054

Table 6 Summary of autographic records of wind

July 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed kn	Day Hour beginning	Veer from N	Speed kn	Day Time
2 ENGLAND E & N E																			
Northumberland	Blyth	19	10	10	Defective record														
	Boulmer	33	10	10		0	0	0	104	455	185	0	6 6	240	20	9 09	230	34	12 1500
Tyne & Wear	South Shields	22	17	13	Defective record														
Durham	Burnhope	244	10	10		0	0	0	151	492	101	0	7 8	250	21	9 11	260	41	9 0800
Cleveland	Hartlepool	15	10	10		0	1	3	178	429	132	2	7 9	250	25	12 15	250	41	12 1524
North Yorkshire	Church Fenton	18	10	10		0	2	3	142	376	223	0	6 8	270	24	15 14	210	39	12 1118
	Fylingdales	242	10	10		0	4	12	349	315	67	1	10 4	230	25	12 12	230	45	12 1254
	Leeming	42	10	10		0	1	1	175	419	149	0	7 7	260	22	15 13	230	35	12 1548
	Linton-on-Ouse	24	10	10		0	1	2	159	408	175	0	7 2	230	23	12 12	210	37	12 1148
Humberside	Bridlington MRSC	31	16	18															
	Spurn Point	17	10	10		0	4	14	396	267	62	5	11 0	280	29	15 17	280	39	15 1742
Lincolnshire	Coningsby	16	10	10		0	3	4	194	419	127	0	8 1	220	23	12 15	210	35	12 1612
	Cranwell	68	13	13		0	1	4	217	406	117	0	8 6	220	25	12 15	220	41	12 1542
	Scampton	68	10	10		0	2	2	209	442	91	0	8 5	220	22	12 14	270	37	15 1436
	Waddington	80	10	10		0	0	0	218	432	94	0	8 4	230	21	12 15	270	38	15 1548
3 EAST ANGLIA																			
Norfolk	Coltishall	27	10	10		0	0	0	188	386	170	0	7 4	230	18	12 14	220	30	12 1243
	Gorleston	16	13	13	Defective record														
	Hemsby	26	13	13		0	0	0	276	388	80	0	9 0	230	19	12 12	220	34	12 1406
	Marham	29	10	10		0	1	1	205	427	111	0	8 2	210	23	12 13	210	37	12 1400
Cambridgeshire	Wittering	87	10	10		0	0	0	224	394	104	22	8 4	210	21	12 09	280	39	26 1318
	Wyton	45	10	10		0	0	0	205	463	76	0	8 3	210	20	12 13	210	32	12 1524
Suffolk	Honington	60	13	13		0	0	0	162	462	120	0	7 4	090	19	29 15	170	32	12 1342
	Wattisham	105	16	10		0	0	0	166	505	73	0	7 8	210	19	12 15	240	36	24 1312
Bedfordshire	Bedford	93	12	10		0	0	0	194	489	61	0	8 1	220	19	12 14	220	34	12 1448
Essex	Shoeburyness	12	10	10		0	0	0	171	465	108	0	7 6	200	18	18 12	190	29	18 1218
	Stansted	108	10	10		0	0	0	192	456	96	0	8 0	230	21	12 15	110	36	29 1324
	Walton On Naze	10	10	10		0	0	0	320	337	87	0	9 4	200	20	18 11	280	32	18 1842
4 MIDLAND COUNTIES																			
West Yorkshire	Leeds Weather Centre	43	10	10		0	2	6	186	488	64	0	8 5	290	23	15 16	280	43	9 0824
	Wilsden	272	10	10		0	0	0	209	467	62	6	8 6	230	21	12 12	230	34	12 1236
South Yorkshire	Finningley	19	10	10		0	2	3	148	429	164	0	7 3	270	25	15 14	200	36	12 1042
	High Bradfield	405	10	10		0	10	50	365	283	43	3	12 0	280	33	9 07	260	46	12 1348
	Sheffield University	146	29	15		0	0	0	122	456	136	30	7 1	260	18	12 15	250	35	12 1542
Nottinghamshire	Nottingham Weather Centre	133	16	10		0	0	0	129	482	133	0	7 2	220	20	12 14	210	37	12 1406
Staffordshire	Cellarhead	241	13	8		0	0	0	115	483	135	11	6 9	250	17	12 15	250	33	12 1554
	Keele	162	10	10		0	0	0	195	441	108	0	8 0	280	18	12 16	280	31	12 1630
Shropshire	Shawbury	84	12	10		0	0	0	177	399	168	0	7 4	250	21	18 13	230	36	9 0312
West Midlands	Birmingham Elmdon Airport	108	10	10		0	0	0	83	531	130	0	6 7	080	16	4 14	220	29	12 1324
Hereford & Worcs	Preston Wynne	97	13	13		0	0	0	91	370	264	19	5 8	050	17	5 12	230	30	9 0318
Oxfordshire	Benson	67	10	10		0	0	0	119	455	170	0	6 8	220	18	12 14	260	29	18 1554
	Brize Norton	91	13	10		0	0	0	141	496	107	0	7 5	060	19	5 12	240	27	18 1506
	Oxford	113	50	22		0	1	3	195	447	72	27	8 3	250	24	18 15	250	36	18 1542
5 ENGLAND S E & CENTRAL																			
Greater London	Heathrow Airport	34	10	10		0	0	0	64	405	275	0	5 4	080	17	29 13	260	32	15 1100
	London Weather Centre	93	70	38		0	0	0	243	473	28	0	9 2	070	20	5 11	290	33	18 1824
	Northolt	49	15	12		0	0	0	94	447	203	0	6 2	100	18	29 12	140	32	10 1030
Wiltshire	Boscombe Down	130	17	17		0	1	2	171	459	112	0	7 8	220	22	12 13	120	41	5 2224
	Larkhill	155	10	10		0	0	0	105	487	152	0	6 6	270	19	15 09	120	41	5 2230
	Lyneham	156	10	10		0	0	0	163	484	97	0	7 9	260	20	18 14	210	33	12 1230
Kent	East Malling	33	12	10		0	0	0	7	248	489	0	2 9	230	13	12 16	230	31	12 1624
	Gravesend	25	20		Defective record														
	Langdon Bay	117	12	12		0	4	17	309	322	96	0	10 2	100	26	29 21	220	38	12 1442
	Lydd Ranges	1	10	10	Defective record														
	Manston	62	10	10		0	0	0	150	502	92	0	7 5	210	19	12 17	200	32	12 1642
	Sheerness	50	44	10		0	8	44	403	243	54	0	12 2	230	30	12 16	220	38	8 2042
Hampshire	Farnborough	75	10	10		0	0	0	60	485	199	0	6 0	210	18	12 13	210	30	12 1306
	Middle Wallop	94	10	10		0	0	0	126	449	169	0	6 8	220	17	12 13	090	39	5 2218
West Sussex	Gatwick Airport	69	13	13		0	0	0	50	506	188	0	5 8	060	18	5 13	060	26	5 1342
	Shoreham-by-Sea	21	11	15	Defective record														
East Sussex	Herstmonceux	27	10	10		0	0	0	180	340	224	0	7 1	240	19	12 14	240	34	12 1454
7A ENGLAND N W & I O M																			
Cumbria	Carlisle	41	15	9		0	1	4	208	397	135	0	8 0	230	25	12 12	230	42	12 1212
	Eskmeals	24	16	10		0	1	1	223	366	154	0	8 0	190	22	12 00	090	39	6 0724
	Great Dun Fell	857	10	10	3-6 9 11 12 14 25	54	27	275	343	70	2	0	21 0	070	49	5 13	090	60	5 1354
	Sellafield	22	10	10		0	1	1	199	403	141	0	7 8	130	22	15 11	120	33	15 1042
Lancashire	Aughton	68	14	10		0	0	0	115	518	111	0	7 1	240	19	9 04	230	40	9 0406
	Fleetwood	34	15	9	Defective record														
	Squires Gate Airport	22	12	11		0	5	23	335	336	50	0	10 8	250	29	9 05	240	42	9 0348
Merseyside	Aigburth	38	23	11		0	0	0	143	537	64	0	7 7	200	18	12 13	210	30	12 1300
Greater Manchester	Manchester Ringway Airport	80	10	10		0	0	0	200	444	100	0	8 2	210	21	12 10	220	37	12 1030
Isle Of Man	Point-of-Ayre	20	10	10		0	6	17	356	336	35	0	10 9	240	30	12 11	230	45	12 1148
	Ronaldsway	25	10	10		0	4	9	330	334	71	0	10 2	210	24	11 23	200	38	11 2318

Table 6 Summary of autographic records of wind

July 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust		
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time
7B WALES N																			
Gwynedd	Trawsfynydd	192	10	10		0	0	0	52	434	258	0	5.5	210	20	8 19	240	40	12 1006
	Valley	26	16	12		0	5	21	318	301	104	0	10.0	180	27	8 18	150	39	18 0300
8A WALES SOUTH																			
Dyfed	Aberporth	144	10	10		0	9	37	360	300	47	0	11.8	230	28	8 21	110	42	7 1454
	Brawdy	121	10	10		0	2	10	368	334	32	0	10.8	240	27	8 20	250	41	8 2218
	Milford Haven	50	13	10		0	2	9	322	352	58	3	10.4	230	31	8 20	230	43	8 2030
Mid Glamorgan	Cilfynydd	210	16	16		0	0	0	148	398	198	0	6.9	220	19	8 21	230	36	8 2130
South Glamorgan	Rhoose Airport	74	10	10		0	4	10	334	340	60	0	10.2	240	26	8 22	260	39	9 0000
8B ENGLAND S W																			
Avon	Avonmouth	28	19	10		0	7	43	339	313	49	0	11.3	240	31	9 00	240	41	9 0036
	Bristol Weather Centre	55	44	13		0	0	0	108	472	164	0	6.3	250	17	18 15	250	34	9 0030
	Oldbury-on-Severn	19	9		Defective record														
Somerset	Hinkley Point	30	10	10		0	0	0	247	402	80	15	8.8	280	20	15 08	290	34	15 1412
	Yeovilton	34	12	10		0	0	0	128	405	210	1	6.6	220	17	8 13	220	27	8 1142
Dorset	Hurn Airport	23	13	11		0	0	0	128	455	161	0	7.0	200	19	8 14	300	31	15 1106
	Portland Bill C G	60	13	13		0	3	5	375	288	72	4	10.5	240	23	24 17	110	50	5 1912
Devon	Burrington	211	10	10		0	4	18	376	283	46	21	11.2	260	26	9 00	120	43	5 2024
	Chivenor	16	10	10		0	4	8	326	308	102	0	9.9	240	25	8 20	230	37	8 2030
	Exeter	35	10	10															
Cornwall	Camborne	98	10	10		0	10	62	386	242	54	0	12.2	120	26	7 07	120	47	7 0718
	Culdrose	104	23	20		0	11	68	329	257	90	0	11.7	130	32	7 06	130	51	7 0630
	Gwennap Head	76	10		Defective record														
	St Mawgan	120	13	13		0	3	21	361	309	53	0	10.8	110	26	7 05	120	41	7 0448
CHANNEL ISLANDS																			
	Guernsey Airport	116	12	12		0	0	0	403	305	36	0	10.7	260	21	24 17	270	32	24 2006
	Jersey Airport	94	12	10		0	1	1	359	341	43	0	10.3	260	22	24 19	260	35	24 1836
NORTHERN IRELAND																			
Londonderry	Ballykelly	12		10															
	Coleraine University	30	10	10		0	0	0	109	495	131	9	6.8	250	17	9 07	250	31	9 0824
Antrim	Aldergrove	80	10	10		0	0	0	188	464	92	0	8.1	250	20	9 05	240	29	12 1124
	Ballypatrick Forest	165	13	13		0	2	5	277	386	76	0	9.2	090	24	5 22	090	37	5 1948
	Belfast Harbour	21	18	18															
Down	Kilkeel	36	19	14	Defective record														
	Killough	31	15	15		0	8	18	416	240	59	11	11.7	240	26	12 09	240	38	12 0942
	Long Kesh	47	10	10		0	0	0	117	497	130	0	7.0	260	16	12 11	260	33	12 1118
	Orlock Head	51	16	12		0	3	11	325	318	51	39	10.3	250	26	9 07	250	42	9 0748
Tyrone	Carrigans	129	10	10		0	0	0	167	401	117	59	7.9	210	21	12 12	220	38	12 1212
Fermanagh	Castle Archdale Forest	79	13	13	Defective record														

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)									Bright sunshine		
	Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation											
	Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
1990 Dec Lochranza	—	—	—		—	—	—	—			—		—	—	—	—							—					
Covenham																	—	—	—	—					—			
March													6	25	13	8												
Pennerley											66				18	10												
Batchley Farm	5.4	0.8	3.1		11.6	26	-4.6	15	5.4		71		16	24	16	13	6	3	0	0	1	3	14	14		2			
Waltham Cross											60		13	25														
Pencelli	—	—	—		—	—	—	—			152						5	0				—	—	—	—		—		
Parkmore Forest	6.2	0.7																										
Saintfield Rowallane											80																	
1991 Apr Cassley																	0		0	0	0					0		
Dingwall																	0		0	0	0					0		
Fort Augustus																	0		0	0	0							
Knockanrock																	—											
Tomatin																		0										
Waterstein																												
Braemar																					0					0	—	
Craibstone																											—	
Perth Aerodrome																	0	0	0	0	0					0		
Strathallan																	0	0	1	0	0					1		
Glasgow																												
Springburn Park											—																	
Orsay											112		18	1	19	15												
Arrochymore											—																	
Stirling (Sewage Works)		—	—														0	0	0	0	0					0		
Clatteringshaws																	0	0	0	0	0					0		
Glenlee																	0	0	0	0	0					0		
Penwhirn		—	—								—																	
Brooksby Hall	11.4	2.9	7.1		19.5	12	-2.2	23	7.8		49		16	29	12	9	0	0	0	0	0	1	8	14		0	4.62		
Merrist Wood	12.9				20.0	12			8.7		70		27	29	11	9	0	0	1	0	0			15		0	4.83		
Slapton																												S
Carmoney															18													
Carnlough											128			29	18	15												
Dungonnell Filters													20															
Lowtown											150		25	12		15												
Parkmore Forest															19	17												
Woodburn North											136	189	24		17	16												
Killough											91		18	11	16	13												
Annaghmore														28														
Tandragee, Ballylisk													12		16	15												
Carrigans											122		16	1	21	16												
Cookstown											104	199			17	14												
Lough Bradan W.wks											167	188				19												

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07 APR 1992
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Generally warm, dry and sunny

A shallow depression lay between Scotland and Northern Ireland on the 1st, while pressure was high over England and Wales. Fronts crossed all areas of the United Kingdom on the 2nd and 3rd, finally clearing the east coast early on the 4th. Later that day further fronts approached the far south-west, but by evening on the 5th they had weakened and become slow moving over central areas. Pressure was again high over the United Kingdom on the 7th. Overnight on the 8th/9th a frontal system crossed western areas; the leading front moved away over the Low Countries later on the 9th, while the following front trailed back along the Anglo-Scottish border, before advancing once more as a cold front later on the 10th. After this front cleared southern England late on the 11th, pressure rose again in all areas. Early on the 13th fronts crossed Scotland in rapid succession, while southern parts of England were affected by a shallow depression, its associated fronts became slow moving over southern counties by midnight on the 14th, giving way later as high pressure spread once more from the west. Between the 15th and 17th further fronts crossed all areas, following which high pressure temporarily became established over all areas. The next frontal system edged into western areas late on the 18th, the warm front crossing northern areas, while the cold front weakened and moved slowly south-eastwards during the 19th. A succession of fronts moved north-eastwards across northern England during the next few days. An anticyclone became established over the British Isles during the 24th, and persisted for the next few days. A weak cold front began to cross north-west Scotland on the 26th and became slow moving over the north Midlands, before splitting and moving away later on the 28th. Further weak fronts approaching north-west Scotland were blocked by high pressure and dispersed. Pressure became high in all areas, but early on the 31st a frontal trough moved over south-west England.

Weather

Persistent cloud and mist kept sunshine amounts as well as temperatures low in some places in the west. Fronts, although they crossed all areas, soon weakened as they moved south-eastwards, giving negligible amounts of rain in the east. However, thundery showers produced localized heavy rainfall. One of these thunderstorms occurred on the 1st over East Anglia and south-east England causing flooding and disrupting traffic; lightning killed one person in Kent and injured two in Essex, and caused structural damage in south-east London. Late on the 6th thunder was reported in north-east England. A hail shower was reported over East Sussex on the 11th. Thunder occurred over north-west England on the 16th and over Scotland and north-east England on the 17th. Isolated thunderstorms occurred on the 21st. Thunder occurred at midday on the 22nd over southern Scotland, and over Wales and south-west England during 22nd and 23rd. Late on the 30th lightning was observed over Cornwall and the Channel Islands and some thunderstorms drifted northwards over the English Channel. On the 31st thunderstorms occurred over Cornwall and South Wales.

Wind

August was generally a quiet month, although winds were strong in places on the 9th: a gust of 53 kn was measured at Edinburgh Royal Observatory. The 23rd was a windy day over Wales and much of England, with a gust to 55 kn at Culdrose, Cornwall. A gust of 53 kn was measured at Camborne, Cornwall on the 30th. Directions were generally westerly or south-westerly, but became easterly on the 27th.

Temperature

Mean monthly temperatures were above normal everywhere, ranging from 0.2 °C above normal in the Isles of Scilly to 2.6 °C above normal at Stanstead Abbotts, Hertfordshire.

On the 7th, maximum temperatures were between 18 °C and 20 °C, with values on the 23rd similar or slightly lower, but on all other days maximum temperatures exceeded 20 °C somewhere, with values between 25 °C and 27 °C common over England and Wales between the 1st and 6th, on the 10th, when the temperature at Southampton reached 28 °C, between the 19th and 22nd, and during the last week of the month, when temperatures also rose over Wales. Lowest temperatures were below 10 °C in a number of rural locations during the second half of the month. The highest temperature during the month was 31.6 °C at East Bergholt, Suffolk on the 20th and the lowest was 0.7 °C at Alwen, Clwyd on the 23rd.

Rainfall

Monthly rainfall amounts were below normal nearly everywhere, ranging from 112% at Stornoway, Western Isles to 5% at Hastings, East Sussex where only 3 mm was measured. This was generally the driest August since that of 1976. Localized thunderstorms gave a fall of 24.9 mm of rain in 15 minutes (from 18 GMT) on the 1st at Wye College, Kent and 23.6 mm on the afternoon of the 7th at St James's Park, Greater London. The night of the 8th/9th was particularly wet in the Welsh mountains, the Lake District and parts of central Scotland; Trawsfynydd, Gwynedd had 72 mm of rain in the 48 hours ending at 09 GMT on the 11th. Except for parts of Scotland and northern England, most places had no rain after the 23rd. August was the driest at Valley, Gwynedd since 1976, at Coventry, Warwickshire since 1947, and over Northern Ireland since 1983. Heavy falls of 88 mm and 60 mm were measured at Machynlleth and Moel Cynnedd, both in Powys, on the 9th.

Sunshine

Monthly sunshine amounts were above average nearly everywhere and ranged from 153% at Wye, Kent to 82% at Benbecula, Western Isles.

Sunshine amounts were generally higher than those of August 1990 in north-western areas, although not reaching the high values of July 1991. Northern Ireland had its sunniest August since 1977. The most sunshine in a day was 14.4 hours at Scarborough, North Yorkshire on the 26th and the most in a month was 300 hours at Eastbourne and Hastings, both East Sussex.

Fog

Fog formed overnight over southern England on the 1st, 4th, 12th, 15th, 18th, 21st, 25th and 29th, parts of northern England on the 7th, England and Wales on the 26th and 27th, England and Scotland on the 2nd and 28th, southern Scotland and Northern Ireland on the 7th and 30th and Scotland on the 31st, and was dense in parts of East Anglia on the 30th. Patchy fog occurred over western and southern coasts on the 2nd, 5th, 6th, 14th, 15th and over northern and eastern coasts on the 22nd, 23rd and 31st. Sea fog patches were reported in the English Channel on the 16th. Fog occurred widely on coasts and hills on the 1st, 3rd, 10th, 11th and 20th.

Miscellaneous Phenomena

Towy Castle, Dyfed reported that brownish-yellow dust was deposited on cars, Stevenson screen and windows, with slight discoloration in the rain-gauge during showery weather on the evening of the 21st.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp°C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max.	Min.	Mean				
			Difference from average					% of average	
0 Scotland N	28.4	1.9	+1.6	+1.3	+1.5	+1.1	−1	64	107
1 Scotland E	25.2	3.3	+2.1	+1.4	+1.8	+1.6	−7	36	111
2 England E & NE	27.1	4.1	+2.4	+1.2	+1.7	+1.7	−6	32	125
3 East Anglia	28.5	4.6	+2.6	+1.2	+1.9	+1.5	−7	36	134
4 Midland Counties	28.1	5.2	+2.3	+0.6	+1.5	+1.2	−8	24	130
5 England SE & Central S	27.9	6.7	+2.1	+1.3	+1.7	+1.5	−8	24	140
6 Scotland W	25.6	4.0	+0.9	+1.6	+1.3	+1.2	0	62	99
7 England NW & Wales N	27.4	3.8	+1.3	+0.9	+1.1	+0.9	−3	57	102
8 England SW & Wales S	26.9	4.9	+1.2	+0.9	+1.0	+0.7	−3	38	114
N Ireland	25.7	4.5	+1.4	+1.6	+1.5	+1.0	−2	41	114
Scotland	28.4	1.9	+1.5	+1.4	+1.5	+1.3	−3	56	106
England & Wales	28.5	3.8	+2.0	+1.0	+1.5	+1.3	−6	36	124

* Highest maximum and lowest minimum of District Value Stations

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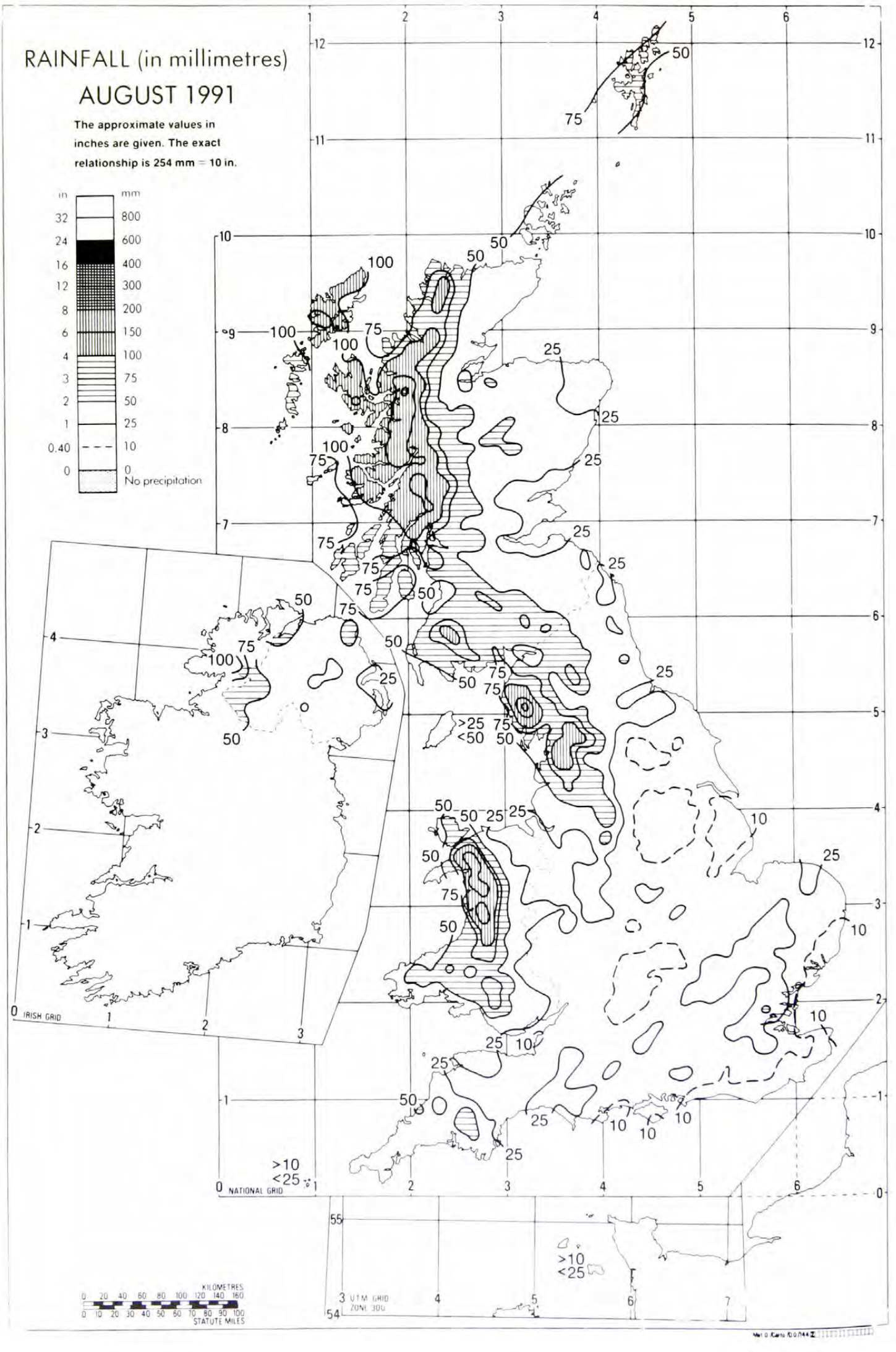
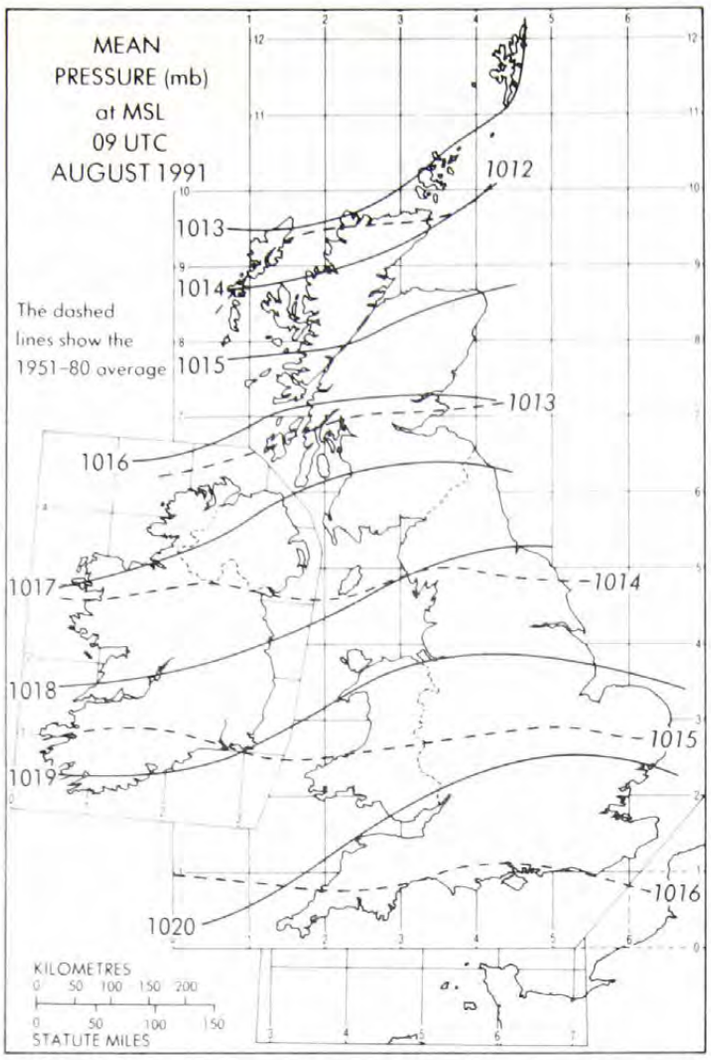
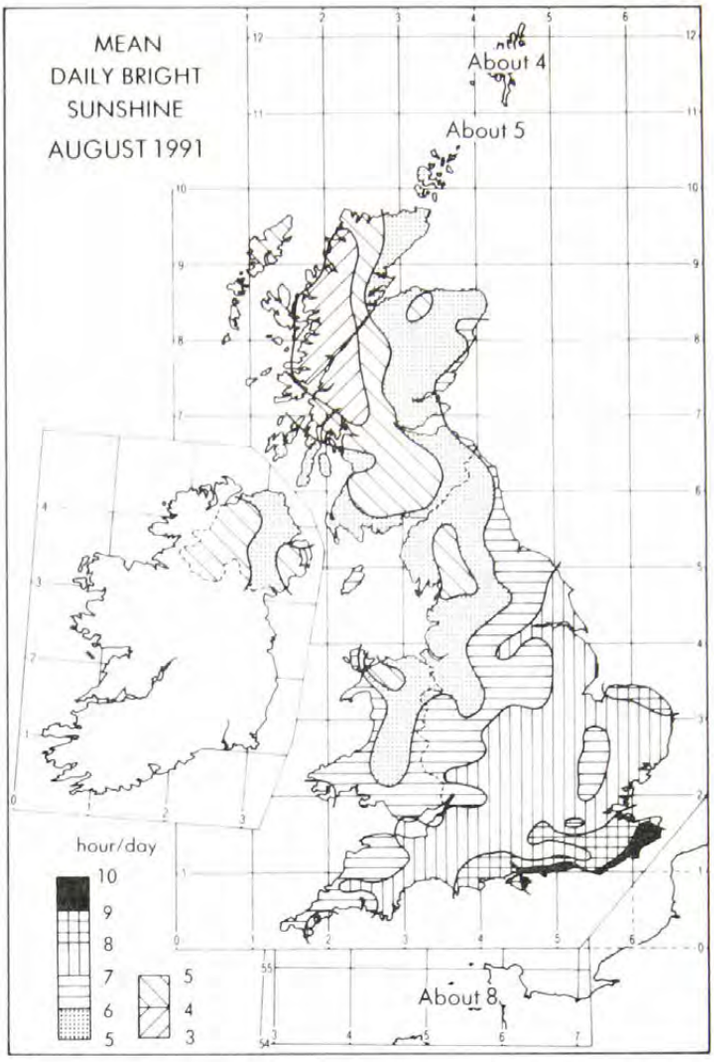
RAINFALL (in millimetres)

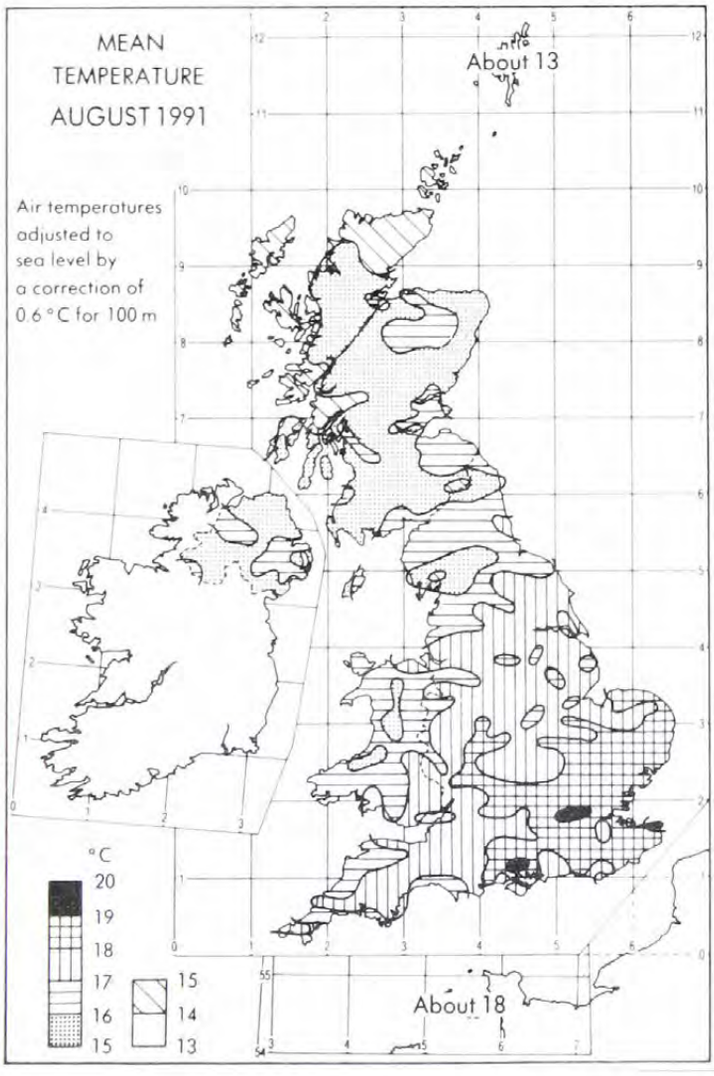
AUGUST 1991

The approximate values in inches are given. The exact relationship is 254 mm = 10 in.




MEAN
PRESSURE (mb)
at MSL
09 UTC
AUGUST 1991
The dashed lines show the 1951–80 average
1012
1013
1014
1015
1016
1017
1018
1019
1020
1013
1014
1015
1016
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
AUGUST 1991
About 4
About 5
About 8
hour/day
10
9
8
7
6
5
5
4
3


MEAN
TEMPERATURE
AUGUST 1991
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
About 13
About 18
°C
20
19
18
17
16
15
15
14
13

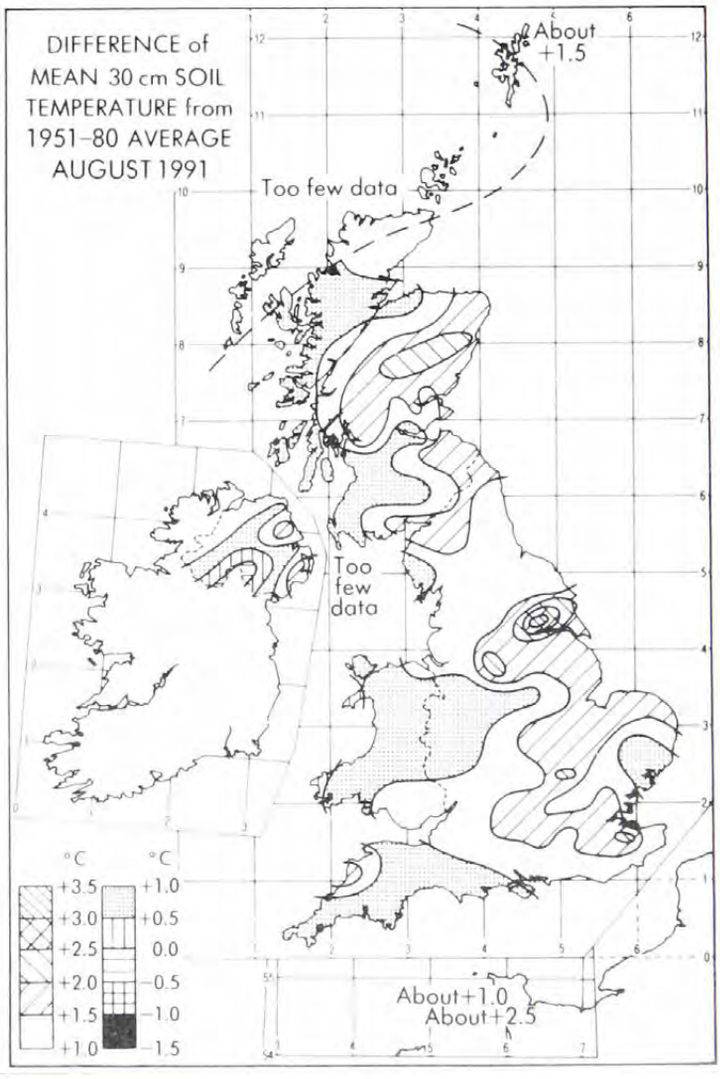

DIFFERENCE of
MEAN 30 cm SOIL
TEMPERATURE from
1951–80 AVERAGE
AUGUST 1991
About +1.5
Too few data
Too few data
About+1.0
About+2.5
°C
+3.5
+3.0
+2.5
+2.0
+1.5
+1.0
°C
+1.0
+0.5
0.0
−0.5
−1.0
−1.5

Table 2 Solar radiation

August 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	22.5	6	3.8	22	12.0	30	14.3	8	3.7	22	8.6	26
Stornoway	20.0	2	1.9	23	11.3	31	10.5	5	1.9	23	7.9	31
Aviemore	19.7	9	7.8	25	13.6	31	11.6	10	3.7	31	8.3	31
Aberdeen	24.0	3	7.3	22	14.0	31						
Dunstaffnage	20.9	2	4.2	26	12.1	28						
Shanwell	22.3	11	3.6	31	14.3	31	12.4	2	3.6	31	8.0	31
Auchincruive	20.6	7	6.6	27	13.2	31						
Eskdalemuir	21.4	11	3.9	27	11.5	30	11.7	7	3.2	31	7.4	30
Sunderland Poly	27.6	8	3.3	6	15.8	24						
Hazelrigg	24.4	8	2.7	19	12.8	31	16.8	18	2.7	19	9.1	31
Cawood	23.8	8	4.9	28	14.4	30						
Aughton	23.5	8	4.7	5	13.4	31	12.9	4	4.0	30	8.1	31
Finningley	22.2	8	5.1	28	15.1	31	12.6	4	4.8	30	8.3	31
Sutton Bonington	20.7	8	3.6	7	14.9	31	9.5	19	3.3	7	6.9	30
Hemsby	23.8	8	7.6	7	17.4	31	11.0	4	4.0	30	8.0	31
Denver Complex	22.1	3	8.5	5	16.4	30						
Gogerddan	27.0	8	2.0	9	15.3	31						
Brooms Barn	23.2	16	6.0	7	16.9	31	11.9	3	3.5	29	8.1	31
Aberporth	23.8	8	5.6	5	16.7	24	12.6	7	3.7	30	8.0	27
Wallingford	21.4	4	6.2	11	16.0	31						
London W.C.	22.0	15	4.6	7	16.2	31	10.6	5	4.1	31	7.3	31
Easthampstead	22.8	15	7.1	23	17.1	31	11.0	28	3.9	29	7.7	30
East Malling	23.1	15	6.8	7	17.6	31	12.0	5	3.8	30	8.1	31
Crawley	21.9	2	5.8	7	17.4	31	12.5	5	3.8	30	8.1	31
Rustington	24.6	18	7.6	7	20.3	31						
Efford	22.7	1	7.4	7	18.5	30						
Camborne	24.1	18	4.9	11	16.1	31	13.8	7	3.8	30	8.3	31
Jersey	24.0	18	8.6	7	18.6	31	11.5	3	3.4	30	7.6	31
Aldergrove	22.6	20	3.9	10	13.6	31	11.1	7	3.9	10	8.0	30

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation															
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets, etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
0 SCOTLAND N																														
Shetland																														
Baltasound	24	16.0	10.4	13.2	+1.2	19.3	1	4.5	25	13.3	–	78	–	16	10	23	16	0	0	0	0	0	1	0	–	–	0	3.97	99	–
Fair Isle	57	14.9	11.1	13.0	–	16.7	1, 2	6.2	25	13.4	12.1	36	–	7	11	18	10	0	0	0	0	0	4	0	1	–	0	5.30	–	–
Lerwick (A)	82	15.3	10.9	13.1	+1.4	18.3	1	6.6	25	13.0	–	57	74	9	11	17	12	0	0	0	0	1	4	0	0	0	0	3.94	104	–
Sumburgh (A)	7	15.5	11.3	13.4	–	18.6	3	6.9	25	–	–	–	–	–	–	–	–	0	0	0	0	0	1	0	1	0	0	–	–	–
Orkney																														
Kirkwall Airport (A)	26	17.1	11.1	14.1	+1.7	20.6	21	8.1	28	14.6	–	45	58	7	11	18	11	0	0	0	0	0	0	0	0	0	0	5.23	128	–
Rackwick	18	17.0	12.0	14.5	–	23.7	31	8.4	19	–	–	49	–	12	15	21	12	0	–	0	0	0	0	0	–	–	0	–	–	–
Western Isles																														
Benbecula (A)	5	16.9	12.1	14.5	+1.2	21.9	31	6.5	28	15.5	–	81	97	12	16	20	14	0	0	0	0	0	0	0	0	0	0	3.98	82	–
Scalpay	18	16.1	11.9	14.0	–	20.3	31	9.1	28	–	–	115	–	20	23	23	18	–	0	–	–	–	–	0	–	–	–	–	–	–
Stornoway (A)	15	16.9	11.7	14.3	+1.6	22.8	31	7.7	18	14.5	–	83	112	32	23	20	14	0	0	0	0	0	0	0	0	0	0	4.14	95	–
Highland																														
Aviemore (A)	229	19.6	9.7	14.7	–	27.0	31	5.0	3	14.7	13.5	31	–	10	16	11	6	0	0	0	0	0	0	0	0	0	0	5.17	–	S
Cape Wrath	112	15.3	11.6	13.5	+1.3	22.7	31	9.1	31	–	–	79	85	32	23	23	14	0	0	0	0	0	1	0	0	0	7	4.44	(102)	–
Cairngorm Chairlift	663	16.2	9.1	12.7	–	23.3	30	5.0	26	10.6	–	–	–	–	–	–	–	0	0	0	0	0	0	0	–	–	3	–	–	–
Cassley	99	18.2	10.8	14.5	–	26.2	31	6.6	28	–	–	82	61	10	15	21	16	–	0	–	–	–	–	0	0	–	–	–	–	–
Dalcross (A)	11	19.6	11.0	15.3	–	25.5	31	5.4	30	–	–	41	54	18	23	13	9	0	0	0	0	0	0	0	0	–	0	–	–	–
Dalwhinnie	351	17.6	9.4	13.5	–	24.0	31	4.5	30	14.4	–	35	–	15	16	9	7	0	0	0	0	0	0	0	–	–	0	4.33	–	S
Dalbaig	60	18.3	12.1	15.2	–	25.2	30	9.8	18	–	–	60	–	8	10	18	15	–	0	–	–	–	–	0	0	–	–	3.81	–	S
Dingwall	7	19.9	10.9	15.4	–	27.0	31	5.0	30	–	–	29	–	8	8	14	8	–	0	–	–	–	–	0	–	–	–	–	–	–
Duartmore Bridge	30	17.7	11.2	14.5	–	26.5	31	6.3	30	–	–	93	–	23	23	22	17	–	0	–	–	–	0	0	–	–	–	3.35	–	S
Eilanreach	8	18.1	11.0	14.5	–	24.3	31	7.1	30	–	–	138	–	25	8	23	20	0	0	0	0	0	0	0	0	–	0	–	–	–
Fort Augustus	21	19.0	11.4	15.2	+1.3	26.4	31	6.6	30	16.9	–	41	50	11	8,16	16	13	0	0	0	0	0	2	0	–	–	0	3.41	90	–
Fortrose	5	18.4	12.1	15.3	+1.4	22.0	2	6.0	30	–	–	35	49	11	23	12	9	0	0	0	0	0	0	0	–	–	0	–	–	–
Grantown-on-Spey	220	19.0	8.6	13.8	–	27.0	31	1.9	30	–	–	37	–	10	17	11	6	0	0	0	0	1	0	0	4	–	0	5.05	–	–
Inverailort	2	18.8	12.0	15.4	–	25.9	31	7.8	30	–	–	139	–	23	4	21	18	0	0	0	0	0	0	0	0	–	0	–	–	–
Inverness	4	20.1	12.0	16.1	+1.9	24.0	1, 2	5.5	30	–	–	23	32	5	8	12	8	0	0	0	0	0	0	0	0	–	0	5.29	125	–
Inverpolly	14	17.8	11.9	14.9	–	26.7	31	8.2	30	–	–	73	–	14	8	19	15	–	0	–	–	–	–	0	–	–	–	–	–	–
Isle of Rhum	5	18.0	11.4	14.7	(+1.1)	23.8	31	4.8	28	16.3	14.0	147	81	30	8	25	16	0	0	0	0	0	0	0	0	–	0	4.63	–	–
Kiltarlity	75	19.5	10.6	15.1	–	25.6	31	5.8	30	–	–	42	–	22	23	15	7	0	0	0	0	0	0	0	0	–	0	–	–	–
Kinbrace	103	–	–	–	–	–	–	–	–	–	–	30	–	5	9	19	9	0	0	0	0	0	–	–	–	–	0	4.97	–	–
Kinlochewe	25	18.9	11.3	15.1	(+1.3)	28.4	31	7.1	7	14.5	–	104	–	25	8	20	16	0	0	0	0	0	0	0	0	–	0	3.45	–	S
Knockanrock	244	16.8	10.5	13.7	–	26.1	31	7.4	30	–	–	104	–	16	8	20	18	0	0	0	0	0	–	0	–	–	2	–	–	–
Lairg	107	18.7	10.0	14.3	–	24.8	31	5.3	30	14.5	12.6	45	–	9	23	16	11	–	0	–	–	–	3	0	1	–	–	4.24	–	–
Lentran	146	19.9	10.7	15.3	–	26.9	31	6.9	30	13.8	–	21	–	4	8	10	6	0	0	0	0	0	0	0	0	–	0	–	–	–
Nairn	8	19.7	11.5	15.6	+1.9	23.5	1	6.4	30	–	–	36	48	11	23	10	7	0	0	0	0	0	0	0	0	–	0	5.28	123	–
Onich	15	19.1	10.8	14.9	+1.3	25.4	31	6.2	28	–	–	134	89	35	8	20	17	–	0	–	–	–	4	0	0	–	–	3.15	83	S
Plockton	12	17.9	11.6	14.7	–	24.1	30	8.6	30	16.6	–	95	–	18	11	17	14	0	0	0	0	0	0	0	–	–	0	–	–	–
Poolewe	6	18.5	12.0	15.3	(+1.4)	24.2	31	8.6	18	–	–	97	95	12	10	20	15	0	0	0	0	0	0	0	0	–	0	4.82	(110)	S
Tomatin	311	18.5	9.5	14.0	–	25.7	31	4.0	30	–	–	30	–	8	16	12	6	0	0	0	0	0	0	0	–	–	0	–	–	–
Waterstein	92	16.0	11.7	13.9	–	20.8	31	8.7	18	–	–	102	–	15	16	21	15	–	–	–	–	–	–	0	–	–	–	–	–	–
Wick (A)	36	17.8	10.7	14.3	+1.8	21.4	29	6.5	7	14.4	–	35	47	12	8	19	11	0	0	0	0	0	1	0	0	0	0	5.29	124	–
1 SCOTLAND E																														
Grampian																														
Aberdeen																														
Dyce Airport (A)	65	20.2	10.7	15.5	+2.1	26.0	29	5.4	30	–	–	27	33	11	8	11	5	0	0	0	0	0	1	0	0	0	0	6.61	143	–
Mannofield	52	19.2	11.3	15.3	+2.0	24.7	29	7.5	28	–	–	19	24	5	16	7	6	0	0	0	0	0	3	0	0	–	0	–	–	–
Aldroughty	30	20.3	10.7	15.5	–	28.6	31	5.9	30	14.7	–	43	–	9	8	14	9	0	0	0	0	0	1	0	0	–	0	5.86	–	–
Ballater Field Centre	200	20.7	9.6	15.1	–	25.0	29,30	3.7	30	–	–	30	–	17	16	8	4	0	0	0	0	0	–	0	0	–	0	–	–	–
Balmoral	283	18.9	8.8	13.9	+1.7	24.6	30	2.7	30	–	–	28	38	15	16	12	3	0	0	0	0	0	–	0	1	–	0	–	–	–
Banff Golf Course	15	20.4	11.5	15.9	–	23.6	21	7.7	30	17.7	–	20	–	9	8	11	7	0	0	0	0	0	0	–	–	–	0	–	–	S
Braemar	339	18.6	9.5	14.1	+1.8	25.1	30	3.3	30	14.7	13.6	31	40	17	16	9	5	–	0	–	–	–	0	0	0	–	–	–	–	–
Craibstone	102	19.5	10.7	15.1	+2.0	24.5	29	6.9	28	16.1	14.7	24	29	10	8	8	6	0	0	0	0	0	3	0	0	–	0	–	–	–
Culterty	3	19.6	10.5	15.1	–	25.5	29	5.6	28	–	–	25	–	11	8	8	8	0	0	0	0	0	1	0	0	–	0	5.28	–	–
Durris, Wardend	107	20.1	10.1	15.1	–	26.0	29	6.0	30	15.1	–	34	–	13	16	10	5	0	0	0	0	0	1	0	0	–	0	5.87	–	–
Forehill	40	18.4	11.2	14.8	–	24.2	29	8.9	12	–	–	24	34	10	8	10	9	0	0	0	0	0	2	0	0	–	0	–	–	–
Forres	5	20.4	12.2	16.3	–	25.4	1	8.0	30	14.9	14.6	26	–	7	17	9	7	0	0	0	0	0	0	0	0	–	0	–	–	–
Fyvie Castle	55	20.2	10.3	15.3	(+2.1)	24.4	29	6.0	28	–	–	16	20	9	8	6	3	0	0	0	0	0	0	0	0	–	0	–	–	–
Glenlivet	215	19.2	9.7	14.5	(+2.1)	25.6	31	3.0	30	15.7	–	45	–	19	17	12	7	0	0	0	0	0	0	0	0	0	0	4.99	(119)	S
Inchmarlo	80	(20.1)	(9.8)	14.9	–	26.0	29	5.9	28,30	–	–	37	–	12	16	7	6	–	–	–	–	–	–	0	0	–	–	–	–	–
Inverurie	54	20.7	10.5	15.6	–	25.8	29	5.8	30	–	–	19	–	10	8	6	4	0	0	0	0	0	2	0	–	–	0	5.69	–	–
Keith	106	19.7	10.1	14.9	–	24.3	31	4.6	28	–	–	34	–	14	23	9	6	0	0	0	0	0	–	0	0	–	2	5.90	–	–
Kinloss (A)	5	20.2	11.7	15.9	+2.0	25.1	1	7.3	30	14.5	–	41	56	10	11	13	8	0	0	0	0	0	0	0	0	0	0	5.43	126	–
Leith Hall	180	20.6	9.4	15.0	–	24.5	30	4.0	30	–	–	25	–	10	16	9	5	0	0	0	0	0	0	0	–	–	0	–	–	–
Lossiemouth (A)	6	20.1	10.9	15.5	(+2.0)	28.3	31	6.9	3	–	–	34	46	11	8	13	8	–	–	–	–	–	–	0	–	–	–	–	–	–
Rothes	61	20.4	10.8	15.6	–	27.0	31	6.0	30	–	–	27	–	9	8	8	8	0	0	0	0	0	0	0	0	–	0	4.30	–	–
Stonehaven	85	18.9	10.2	14.5	–	24.6	29	8.0	12,25	–	–	33	–	17	16	8	4	0	0	0	0	0	4	0	–	–	0	5.62	–	–
Tayside																														
Arbroath	29	18.8	12.1	15.5	+1.8	24.0	29	9.1	28	–	–	28	42	8	17	10	7	0	0	0	0	1	1	0	0	–	0	6.35	123	–
Ardtalnaig	130	18.8	10.9	14.9	(+1.0)	25.0	30	6.9	30	–	–	33	38	9	8	14	8	0	0	0	0	1	0	0	0	–	0	4.67	–	S
Dall (Rannoch School)	232	18.5	9.7	14.1	–	25.0	30	3.6	30	–	–	43	–	12	16	19	12	0	0	0	0	0	1	0	0	–	0	–	–	–
Drummond Castle	113	19.2	10.5	14.9	–	24.5	30	5.6	28	16.3	–	32	–	12	4	14	7	0	0	0	0	0	–	0	0	–	0	5.24	–	–
Dundee	45	20.3	12.3	16.3	+1.9	25.2	29	10.2	18,28	17.4	–	19	26	6	8	9	5	–	0	–	–	–	0	0	0	–	–	6.19	131	–
Faskally	94	19.2	10.3	14.7	+0.9	23.7	30	5.8	28	17.4	15.6	33	45	9	8	11	8	0	0	0	0	0	0	0	0	–	0	–	–	–
Forfar	91	19.3	10.4	14.9	–	23.2	29	7.2	30	–	–	27	–	11	16	7	4	0	0	0	0	0	2	0	0	–	0	5.81	–	–
Kindrogan	259	18.1	8.7	13.4	–	24.2	30	4.7	28	–	–	39	–	13	16	11	7	–	0	–	–	–	1	0	1	–	–	–	–	–
Kinross	116	20.0	9.9	14.9	–	24.0	30	4.9	18	16.2	–	29	–	12	16	9	7	–	0	–	–	–	2	0	–	–	–	5.94	–	–
Montrose	55	19.6	11.2	15.4	+1.8	24.5	29	8.3	28	17.1	–	29	40	15	16	9	4	0	0	0	0	0	2	0	0	–	0	–	–	–
Mylnefield (A)	30	20.0	11.8	15.9	+1.8	23.6	29	8.6	20	15.8	13.9	22	32	7	8	12	7	0	0	0	0	0	0	0	0	–	0	5.94	120	–
Perth Aerodrome (A)	118	19.1	10.7	14.9	–	23.0	29	6.8	30	–	–	20	–	5	8	9	7	–	0	–	–	–	–	0	–	–	–	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation															
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min below 0 deg C	Concrete min below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
1 SCOTLAND E - Continued																														
Tayside - Continued																														
Strathallan	41	20.1	11.5	15.8	–	25.4	30	7.5	28	–	–	14	–	5	8	9	4	0	0	0	0	0	0	0	–	–	0	–	–	–
Tummel Bridge	161	18.9	9.6	14.3	–	25.0	30	2.1	30	–	–	27	–	9	8	13	5	0	–	–	–	–	–	0	–	–	–	–	–	–
Whitehillocks	258	18.5	9.3	13.9	–	22.5	29	4.5	30	–	–	40	–	12	16	11	8	0	0	0	0	0	2	0	0	–	0	–	–	–
Fife																														
Belliston	82	19.4	11.6	15.5	–	23.8	29	8.6	8	16.0	–	29	38	9	8	8	5	0	0	0	0	1	1	0	0	–	0	–	–	–
Cupar	42	20.4	11.2	15.8	–	24.1	29	7.0	18	17.1	–	20	–	8	8	9	5	0	0	0	0	0	–	0	0	–	0	5.77	–	S
Fife Ness	12	19.5	11.8	15.7	–	25.2	29	9.3	19,20	–	–	–	–	–	–	–	–	0	0	0	0	0	1	0	0	–	0	–	–	–
Leuchars (A)	10	20.6	10.8	15.7	+1.7	25.8	29	6.5	28	16.1	–	23	33	8	8	10	4	0	0	0	0	0	0	0	0	0	0	6.52	129	–
Lothian																														
Bush House	184	18.9	11.2	15.1	+1.8	23.0	29	7.0	28	15.7	14.6	31	35	9	8	10	7	–	0	–	–	–	–	0	0	–	–	4.79	106	–
Dunbar	23	20.4	11.8	16.1	+1.9	25.2	29	8.7	13,18	16.6	–	25	36	5	8,17	9	6	0	0	0	0	1	0	0	–	–	0	6.00	111	–
Edinburgh																														
East Craigs	61	19.7	11.2	15.5	+1.5	24.1	29	6.5	18	15.6	–	16	21	6	8	8	5	0	0	0	0	2	1	0	0	–	0	5.20	(110)	–
Royal Botanic Garden	26	19.7	12.1	15.9	+1.5	24.1	29	8.0	31	16.3	–	15	21	7	8	10	4	0	0	0	0	1	1	0	0	–	0	5.03	104	–
Royal Observatory Blackford Hill (A)	134	19.6	11.8	15.7	+1.4	24.5	29,30	8.8	18	–	–	15	20	5	8	7	5	–	0	–	–	–	–	0	0	–	–	5.33	114	–
Turnhouse Airport (A)	35	20.0	11.4	15.7	+1.5	25.1	29	6.9	28	16.2	–	17	23	6	8	9	5	0	0	0	1	1	1	0	0	0	0	4.55	101	–
Haddington	41	20.2	11.4	15.8	–	24.3	1,2	7.0	28	–	–	26	–	9	8	8	6	0	0	0	0	0	0	0	–	–	0	–	–	–
Livingston	125	19.2	11.1	15.1	–	24.5	30	6.4	18	–	–	23	–	10	8	10	6	–	0	–	–	–	–	0	0	–	–	–	–	–
Nunraw Abbey	197	19.1	11.2	15.1	–	23.5	29	8.0	18	–	–	25	–	8	8	11	8	0	0	0	0	0	0	0	–	–	0	–	–	–
Penicuik	185	19.2	10.3	14.7	(+1.3)	23.9	30	6.3	28	16.3	–	32	36	13	8	12	7	0	0	0	0	2	2	0	0	–	0	–	–	S
Borders																														
Blyth Bridge	253	18.0	10.7	14.3	+1.4	24.0	30	7.4	18,19	–	–	38	43	15	8	16	10	0	0	1	0	0	0	0	0	–	0	4.83	116	–
Blythe	262	18.8	10.1	14.5	–	24.5	30	6.5	18	13.1	–	34	–	7	8	11	9	–	0	–	–	–	1	0	0	–	–	5.44	–	–
Bowhill (Selkirk)	168	19.7	11.0	15.3	+1.7	24.9	30	7.8	19	17.0	–	32	38	12	5	11	9	0	0	0	0	1	0	0	0	–	0	–	–	–
Carterhouse	308	18.0	10.3	14.1	–	23.3	30	6.1	7	15.8	14.2	34	–	11	6	11	7	0	0	0	0	1	0	0	0	0	0	–	–	–
Floors Castle	59	20.4	11.1	15.7	–	24.5	30	7.0	18	–	–	27	36	8	6	10	8	0	0	0	0	0	2	0	–	–	0	–	–	–
Galashiels	198	19.1	11.2	15.1	–	24.2	30	9.0	7,13, 19	–	–	26	–	8	8	10	7	0	0	0	0	0	1	0	0	–	0	4.91	–	–
Glentress	165	19.9	10.4	15.1	(+1.5)	26.7	30	5.8	19	–	–	29	35	8	8	12	9	–	0	–	–	–	–	0	–	–	–	–	–	–
Greycrook	76	21.4	10.7	16.1	–	25.7	30	6.6	18	17.6	–	23	–	6	6	9	6	0	0	0	0	0	1	0	0	–	0	–	–	–
Kelso	34	21.4	11.4	16.4	–	25.7	31	7.2	18	17.2	–	26	–	7	6	10	7	0	0	0	0	0	2	0	0	–	0	–	–	–
St Abbs Head	75	19.2	12.6	15.9	–	24.0	29	10.0	13	–	–	–	–	–	–	–	–	0	0	0	0	0	1	0	0	0	0	–	–	–
West Linton	244	18.5	10.3	14.4	+1.6	23.7	30	7.3	8	16.0	14.8	38	42	19	8	14	6	0	0	0	0	0	0	0	0	–	0	–	–	–
6 SCOTLAND W																														
Strathclyde																														
Abington	247	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ardentinny	5	18.7	11.6	15.1	–	22.2	30	7.8	28	–	15.9	91	–	31	8	18	12	0	0	0	0	0	1	0	0	–	0	–	–	–
Aros	37	17.7	11.2	14.5	–	21.7	22	6.5	28	–	–	107	–	33	18	12	11	–	0	–	–	–	–	0	–	–	–	–	–	–
Auchincruive	48	18.6	12.6	15.6	+1.5	24.2	31	9.7	13	15.2	14.0	37	40	14	8	19	9	0	0	0	0	0	0	0	0	–	0	4.80	98	–
Benmore (Younger Botanic Garden)	12	18.6	11.5	15.1	(+1.0)	23.7	30	7.8	28	16.9	–	91	57	32	8	19	13	0	0	0	0	0	0	0	0	–	0	–	–	–
Black Mount	175	17.7	10.0	13.9	–	24.5	30	4.6	28	–	–	109	–	27	8	19	14	0	0	0	0	0	0	0	–	–	0	–	–	–
Brodick Castle	15	19.0	12.4	15.7	–	22.9	31	9.3	13	16.9	–	74	–	25	8	15	11	0	0	0	0	0	0	0	0	–	0	–	–	–
Camps Reservoir	295	16.9	9.6	13.3	(+1.1)	23.0	30	5.0	13	–	–	46	–	15	8	17	9	0	0	0	0	0	–	0	–	–	0	4.05	–	–
Carnwath	208	19.1	9.8	14.5	+1.8	25.6	30	4.3	18	15.0	–	36	45	13	8	16	9	0	0	0	0	0	0	0	0	0	3	–	–	–
Colonsay Hotel	15	17.9	12.4	15.1	–	22.1	30	10.2	7	–	–	67	–	21	8	19	14	0	0	0	0	0	0	0	0	–	0	5.10	–	–
Cumnock	99	18.8	11.9	15.3	–	25.2	30	8.0	18	16.5	–	49	–	15	8	19	11	0	0	0	0	0	–	0	0	–	0	–	–	S
Dalry	32	(18.0)	(12.0)	15.0	–	–	–	–	–	–	–	75	–	33	8	18	14	0	0	0	0	0	–	–	–	–	0	–	–	–
Drumclog	227	17.8	10.6	14.2	–	25.5	30	6.3	18	–	–	61	–	23	8	18	14	0	0	0	0	0	0	0	0	–	0	–	–	–
Dunstaffnage (A)	3	18.1	12.1	15.1	–	23.3	31	9.1	28	16.4	–	81	–	15	8	20	15	0	0	0	0	0	0	0	0	–	0	3.93	–	–
East Kilbride	178	18.5	11.6	15.1	–	24.4	31	8.2	18	–	–	48	–	13	8	17	11	0	0	0	0	0	–	0	0	–	0	4.85	–	–
Girvan	8	18.9	13.3	16.1	–	24.2	31	10.1	7	–	–	44	–	17	8	18	10	0	0	0	0	0	0	0	0	–	0	5.31	–	–
Glasgow Abbotsinch Airport (A)	5	19.3	11.8	15.5	–	24.6	30	6.4	28	16.3	–	39	47	11	8	11	7	0	0	0	0	0	0	0	0	0	0	4.82	–	–
Springburn Park	107	18.4	11.9	15.1	+0.9	23.1	30	8.9	18	–	–	52	53	15	8	20	11	–	–	–	–	–	–	0	–	–	–	–	–	–
Helensburgh	96	17.9	11.1	14.5	–	22.5	31	8.0	7,8, 9	–	–	65	–	20	8	15	12	–	0	–	–	–	–	0	–	–	–	4.18	–	–
Hunterston	8	18.2	13.3	15.7	+1.1	23.3	31	10.5	7	–	–	58	–	22	8	12	11	0	0	0	0	0	0	0	–	–	0	–	–	–
Inverinan Mor	70	17.9	10.6	14.3	–	24.6	30	6.8	28	–	–	115	–	28	8	20	17	0	0	0	0	0	0	0	–	–	0	–	–	–
Leadhills	388	17.3	8.9	13.1	–	24.9	30	4.6	19	–	–	95	–	34	8	20	17	0	0	0	0	0	1	0	1	–	0	–	–	–
Lochgilphead	5	18.2	11.7	14.9	–	23.0	30	8.0	19	–	–	81	–	24	8	20	16	–	0	–	–	–	–	0	0	–	–	–	–	–
Lochranza	46	17.9	12.5	15.2	–	21.8	31	10.5	4,18	–	–	49	–	17	8	18	10	–	–	–	–	–	–	0	–	–	–	–	–	–
Machrihanish (A)	10	17.8	12.5	15.1	(+1.1)	22.5	30	10.3	28	–	–	65	–	21	8	19	10	–	–	–	–	–	–	0	–	–	–	–	–	–
Millport	5	18.0	13.1	15.5	(+1.0)	22.0	31	10.2	20	–	–	64	62	31	8	13	10	–	0	–	–	–	–	0	–	–	–	–	–	–
Motherwell (Strathclyde Park)	24	20.2	11.4	15.8	–	25.8	31	6.7	28	–	–	27	–	7	8	14	6	0	0	0	0	0	0	0	–	–	0	–	–	–
Orsay	23	16.3	12.6	14.5	–	18.8	30	10.8	17	–	–	69	–	19	8	18	11	0	0	0	0	0	1	0	0	0	0	–	–	–
Paisley (A)	32	19.6	12.6	16.1	+1.1	25.0	30	9.8	28	17.1	15.0	49	54	12	8	13	10	0	0	0	0	0	0	0	0	–	0	4.23	95	–
Pollok Country Park	16	19.6	11.0	15.3	–	25.2	30	7.1	18	–	–	41	–	10	8	15	9	0	0	0	0	0	–	0	–	–	0	–	–	–
Prestwick (A)	16	19.1	12.5	15.8	+1.5	25.4	31	9.1	8	16.4	–	42	48	15	8	19	8	0	0	0	0	0	0	0	0	0	0	5.15	99	–
Rothesay	43	18.7	12.1	15.4	(+1.1)	22.5	30	9.3	19	15.5	14.6	72	65	25	8	13	10	0	0	0	0	0	0	0	0	–	0	4.74	–	–
Salsburgh	260	17.2	10.3	13.7	–	23.5	30	6.0	18	–	–	46	–	13	8	16	10	–	–	–	–	–	–	0	–	–	–	–	–	–
Saughall	221	18.2	10.8	14.5	–	23.6	30	4.5	18	15.2	13.7	69	–	30	8	20	13	0	0	0	0	0	1	0	0	0	0	5.03	–	–
Tiree (A)	9	16.8	12.5	14.7	+1.2	19.5	31	9.0	18	15.4	–	70	85	16	8,16	17	8	0	0	0	0	0	0	0	0	0	0	5.06	97	–
Uplawmoor	128	17.9	11.2	14.5	–	22.8	30	6.2	18	–	–	82	–	28	8	20	14	0	0	0	0	0	0	0	0	–	0	–	–	–
Central																														
Aberfoyle	27	19.4	10.2	14.8	–	23.8	30	3.5	18	–	–	47	–	16	8	16	8	–	0	–	–	–	–	0	1	–	–	–	–	–
Arrochymore	30	18.9	11.4	15.1	–	24.5	31	7.5	18	15.6	–	57	–	16	8	17	13	–	0	–	–	–	0	0	0	–	–	3.70	–	S
Balquhidder	136	18.2	10.7	14.5	–	24.1	30	6.7	10	–	–	54	–	15	4	20	7	0	0	0	0	0	–	0	–	–	0	–	–	S
Falkirk	3	20.1	11.9	16.0	–	24.5	30	7.2	28	–	–	(22)	–	–		–	–	–	0	–	–	–	–	0	–	–	–	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
6 SCOTLAND W - Continued																													
Central - Continued																													
Grangemouth (BP Refinery)	2	20.3	12.6	16.5	—	23.9	29	8.3	18	—	—	17	—	7	8	10	6	0	0	0	—	0	0	—	—	1	—	—	—
Loch Venachar	84	18.2	10.9	14.5	—	24.1	30	5.0	18	—	—	56	—	14	8	16	10	0	0	0	0	0	0	0	—	0	—	—	—
Mugdock Park	165	18.3	11.4	14.9	—	24.5	30	8.7	18	14.7	—	71	—	29	8	16	14	0	0	0	0	0	0	—	—	0	—	—	—
Parkhead	35	19.3	11.7	15.5	—	23.1	29	5.7	18	17.0	—	29	—	12	8	11	8	—	0	—	—	—	0	0	—	—	—	—	—
Stirling (Sewage Works)	7	(20.0)	(12.0)	16.0	—	—	—	—	—	—	—	23	—	9	8	10	6	—	0	—	—	—	0	—	0	—	—	4.80	—	—
Tyndrum	168	17.4	10.3	13.9	—	23.6	30	3.5	28	—	—	89	—	22	4	18	15	0	0	0	0	0	—	0	—	—	0	—	—	—
Dumfries & Galloway																													
Auchen Castle	184	18.7	10.2	14.5	—	23.7	30	5.1	13	—	—	55	—	14	8	12	9	0	0	0	0	0	1	0	0	—	0	—	—	—
Bargrennan	110	18.8	10.8	14.8	+1.4	25.4	30	5.4	20	—	—	79	69	20	18	14	13	—	0	—	—	—	—	0	—	—	—	—	—	—
Clatteringshaws	178	17.8	11.1	14.5	—	24.0	30	7.5	7	—	—	96	65	26	8	19	13	—	0	—	—	1	0	0	—	—	—	4.53	—	S
Corsewall Point	15	18.2	12.8	15.5	—	22.5	31	10.0	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	—	—
Creebridge	18	19.4	12.1	15.7	—	23.0	30,31	7.0	20	—	—	59	—	19	8	18	12	—	0	—	—	—	—	0	—	—	—	—	—	—
Dumfries	49	19.4	11.8	15.6	+1.3	24.4	30	7.4	18	16.4	15.3	64	69	15	5	14	9	0	0	0	0	0	0	0	0	—	0	4.61	93	—
Dumfries (Drungans)	28	19.9	12.2	16.1	—	25.2	30	8.1	18	—	—	58	—	12	8	16	10	—	—	—	—	—	—	0	0	—	—	—	—	—
Eskdalemuir (A)	242	17.8	10.0	13.9	+1.0	23.7	30	4.0	18	15.1	13.6	65	54	15	8	21	9	0	0	0	0	1	0	0	0	0	0	4.24	100	—
Glenlee	55	19.4	10.9	15.1	+1.2	24.4	30	5.4	8	—	—	62	54	22	8	16	11	—	0	—	—	—	—	0	0	—	—	—	—	—
Glenlochar Barrage	47	19.1	11.9	15.5	+1.4	24.6	30	5.5	18	—	—	69	68	17	8	17	11	0	0	0	0	0	0	—	—	0	—	—	—	—
Penwhirn	166	17.5	11.1	14.3	(+1.3)	22.2	30	7.0	13	—	—	74	60	21	8	20	16	0	0	0	0	0	4	0	0	—	0	—	—	—
Threave	73	19.4	11.8	15.6	+1.4	24.9	30	7.1	18	17.0	—	80	77	17	8	20	11	0	0	0	0	1	0	0	0	—	0	—	—	—
Whithorn	40	17.9	12.4	15.1	—	21.5	30,31	9.0	8	15.9	—	50	—	10	5	14	13	0	0	0	0	0	2	0	0	0	0	6.00	—	—
2 ENGLAND E & N E																													
Northumberland																													
Boulmer (A)	23	19.7	11.5	15.6	—	25.3	29	7.8	21	16.0	15.1	27	—	7	6	12	10	0	0	0	1	2	0	0	0	0	0	6.14	—	—
Cockle Park	99	(20.3)	11.1	15.7	+1.8	25.2	22,29	7.5	21	15.3	—	33	40	14	17	9	4	0	0	0	0	1	0	0	0	—	0	5.31	109	—
Haydon Bridge	82	20.6	11.5	16.1	+1.8	24.9	30	7.4	7,20	16.7	—	43	—	18	6	12	8	0	0	0	0	0	0	0	—	—	0	—	—	—
Kielder Castle	201	(19.0)	(9.1)	14.1	+1.2	22.5	22	4.1	13	(16.6)	—	54	50	10	8	15	12	0	0	0	0	0	—	0	—	—	0	—	—	—
Redesdale	235	18.4	9.8	14.1	—	22.4	30	5.9	21	14.3	—	42	—	12	6	14	11	—	0	—	—	—	0	0	0	—	—	5.78	—	—
Tyne & Wear																													
Newcastle Weather Centre (X)	52	20.6	13.5	17.1	—	25.8	22	10.6	18	—	—	30	—	10	6	13	6	0	—	0	0	1	0	0	—	0	0	6.34	—	—
South Shields	5	20.6	13.0	16.8	—	25.6	22	10.0	7	—	—	29	—	9	6	11	7	0	0	0	0	1	0	0	—	—	0	—	—	—
Sunderland Polytechnic	56	20.7	13.4	17.1	—	25.7	22	10.5	19	—	—	33	—	12	17	12	6	0	0	0	0	1	0	0	—	0	0	5.96	—	—
Tynemouth	30	19.6	13.1	16.3	+1.8	24.7	29	10.4	18	—	—	28	37	8	6	12	7	0	0	0	0	1	0	0	0	—	0	6.07	122	—
Durham																													
Durham	102	21.3	11.1	16.2	+1.6	25.5	22,29	8.1	3,19	16.5	14.9	21	29	10	6	10	5	—	0	—	—	—	0	0	0	—	—	6.19	130	S
Low Etherley	155	20.7	11.1	15.9	—	24.9	30	7.3	19	15.8	13.0	34	—	18	6	8	5	0	0	0	0	0	—	0	0	0	0	—	—	—
Widdybank Fell	513	16.5	9.4	12.9	—	21.2	30	5.9	18	12.6	—	65	—	8	6	20	13	—	0	—	—	—	2	0	0	—	—	5.93	—	—
Cleveland																													
North Yorkshire																													
Askham Bryan	33	22.7	11.2	16.9	+1.8	26.5	3	6.2	19	—	—	8	12	2	3	7	5	0	0	0	0	1	0	0	0	—	0	6.11	124	—
Cawood	6	22.7	11.7	17.2	+2.0	26.0	22	7.2	19	19.3	18.4	16	23	10	6	8	3	0	0	0	0	0	0	0	0	—	0	6.66	136	—
Church Fenton	8	—	11.7	—	—	—	—	6.5	19	—	—	9	—	3	16	8	4	—	—	—	—	—	—	0	—	—	—	—	—	—
Fylingdales	262	19.7	10.8	15.3	—	24.8	22	7.0	19	—	—	26	—	6	23	9	6	0	—	—	—	—	—	0	—	—	—	—	—	—
Harrogate (Bilton)	66	21.6	11.2	16.4	+1.8	25.1	29	6.7	13	—	—	7	9	4	23	7	2	0	0	0	0	0	0	0	0	—	0	5.71	110	—
High Mowthorpe	175	21.7	11.0	16.3	+1.9	25.4	22	6.5	13	16.2	—	9	11	3	23	9	3	—	0	—	—	—	0	0	0	0	3	—	—	—
Linton-on-Ouse	14	22.7	11.9	17.3	—	26.3	30	6.6	18	—	—	8	—	2	23	7	3	—	—	—	—	—	—	0	—	—	—	—	—	—
Leeming (A)	32	22.0	12.3	17.1	(+1.9)	25.7	3	8.0	19	17.4	16.0	25	37	9	6	7	5	0	0	0	0	0	0	0	0	0	0	6.28	—	—
Malham Tarn	381	17.3	10.5	13.9	+1.2	21.2	29	6.5	18	14.3	—	91	—	20	9	12	9	0	0	0	0	1	2	0	0	—	0	4.52	—	S
Scarborough	110	20.5	12.3	16.4	—	25.8	3	8.9	19	17.0	16.1	16	—	5	17	7	4	0	0	0	1	0	0	0	—	—	0	7.05	—	—
Whitby	41	21.1	12.5	16.8	(+1.9)	26.6	3	8.4	19	16.9	15.4	12	—	4	5	11	4	0	0	0	0	2	0	0	0	—	0	6.51	127	—
Whitby Coastguard	60	20.4	12.6	16.5	(+2.2)	25.9	22	8.6	14,19	—	—	11	—	4	5	8	4	0	0	0	0	2	0	0	0	0	—	—	—	—
Wycliffe Hall	120	21.1	9.2	15.1	—	24.1	3,22	5.4	20	—	—	23	—	10	6	5	4	0	0	0	0	0	0	0	0	—	0	—	—	—
Wykeham Forest	211	—	—	—	—	—	—	—	—	—	—	21	—	8	17	9	6	—	0	—	—	—	—	—	—	—	—	—	—	—
Humberside																													
Cleethorpes	23	22.1	12.8	17.5	—	26.9	3	9.5	18	—	—	8	—	3	5,17	5	3	—	0	—	—	—	0	0	0	0	—	6.96	—	—
Hull	2	22.8	13.4	18.1	+2.0	27.1	3	9.4	18	18.3	16.9	21	30	13	17	7	3	0	0	1	0	1	—	0	0	—	0	—	—	—
Lincolnshire																													
Coningsby (A)	6	23.5	12.0	17.7	—	27.0	22	6.8	19	—	—	9	—	7	5	3	1	0	0	0	0	0	0	0	0	0	0	—	—	—
Covenham	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranwell (A)	62	23.4	12.3	17.9	+2.3	26.8	1	7.5	19,30	—	—	7	11	4	5	6	2	—	—	—	—	—	—	0	—	—	—	—	—	S
Driby	41	22.3	11.2	16.7	—	25.6	22	6.0	30	—	—	7	—	5	6	5	2	—	—	—	—	—	—	0	—	—	—	—	—	—
Kirton	4	22.9	11.7	17.3	—	26.0	3	5.3	30	17.2	15.3	12	—	9	5	5	2	0	0	0	0	1	0	0	0	—	0	7.47	—	—
Lincoln (Canwick)	7	23.3	12.4	17.9	—	26.3	1	8.5	29	17.5	15.6	10	—	7	5	4	3	0	0	0	0	1	0	0	0	—	0	—	—	—
Scampton	58	22.6	12.2	17.4	—	25.7	1	7.4	18	—	—	8	—	7	5	3	1	—	—	—	—	—	—	0	—	—	—	—	—	—
Skegness	5	21.6	13.4	17.5	(+1.7)	26.3	15	7.4	19	—	—	12	19	8	6	5	2	—	0	—	—	—	1	0	—	—	—	(7.63)	133	—
Waddington (A)	68	22.8	12.6	17.7	+2.1	26.0	21	8.2	19	18.3	17.2	13	20	7	5	4	2	0	0	0	1	0	0	0	0	0	0	7.19	131	—
3 EAST ANGLIA																													
Norfolk																													
Bressingham	30	(23.6)	(12.1)	17.9	—	27.5	31	5.2	29	—	—	16	—	7	5	6	6	0	0	0	0	0	—	0	0	0	0	—	—	—
Coltishall (A)	18	23.0	12.5	17.7	(+1.8)	28.5	15	6.1	29	—	—	14	23	5	5	8	4	0	0	0	0	1	0	0	0	0	0	—	—	—
Cromer	54	22.0	14.0	18.0	+2.2	29.2	22	10.1	19	—	—	30	51	13	1	6	4	0	0	0	0	1	0	0	0	—	0	8.01	136	—
Denver	2	23.5	12.2	17.9	—	26.7	31	5.0	19	18.3	15.9	14	—	8	23	6	3	—	0	—	—	—	0	0	—	—	—	7.15	—	S
Hemsby (A)	13	22.3	13.7	18.0	—	27.9	15	8.4	19	17.3	16.5	13	—	7	5	7	3	0	0	0	0	0	0	0	0	0	0	8.44	—	—
Hunstanton	15	22.3	13.8	18.1	—	26.2	22	10.0	29	—	—	10	—	7	23	4	2	0	—	0	0	0	—	0	—	—	0	8.10	—	—
Marham (A)	21	23.5	12.3	17.9	+1.9	26.5	15,22	5.7	29	—	—	17	28	7	23	8	4	0	0	0	0	1	0	0	1	0	0	7.37	—	—
Morley St Botolph	46	23.2	11.6	17.4	—	26.9	15	4.6	29	18.2	—	16	—	5	1,5	8	5	0	0	0	0	0	0	0	0	—	0	7.86	—	—
Norwich Weather Centre	15	23.2	14.1	18.7	—	27.0	15,22	10.3	19	—	—	21	—	8	5	6	4	—	—	—	—	—	—	0	—	—	—	8.00	—	—
South Raynham	68	23.7	11.8	17.7	—	27.5	10	6.0	29	—	—	16	—	10	23	5	2	0	0	0	0	1	0	0	0	—	0	—	—	—
Terrington St Clement	2	23.3	11.8	17.5	+1.6	26.8	31	5.6	19	18.0	—	22	38	11	23	8	4	0	0	0	0	0	0	0	0	—	0	7.26	131	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets, etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
3 EAST ANGLIA - Continued																														
Cambridgeshire																														
Boxworth	53	23.9	12.4	18.1	(+2.0)	27.0	21,31	7.4	29	–	–	18	–	9	23	5	3	0 0	0	0	1	1	0	0	–	0	6.85	(120)	-
Cambridge Botanic Garden	12	(24.2)	(12.5)	18.3	+1.9	27.1	31	6.1	19	(18.5)	(17.3)	49	83	30	1	5	5	0 0	1	0	1	–	0	0	–	0	–	–	-
National Institute of Agricultural Botany	24	23.7	12.7	18.2	+1.9	26.8	21	7.4	30	–	–	41	68	19	1	5	4	0 0	0	0	0	1	0	0	–	0	6.77	121	-
March	2	(24.3)	(12.3)	18.3	–	27.6	31	5.5	18	–	–	12	20	6	23	5	3	– 0	–	–	–	–	0	–	–	–	–	–	-
Marholm	21	24.4	11.4	17.9	–	27.8	1,31	4.6	30	–	–	12	–	5	5	7	3	0 0	0	0	0	1	0	0	–	0	–	–	-
Mepal	-2	24.1	11.2	17.7	–	27.5	31	4.7	30	18.3	15.6	18	–	8	7	6	2	0 0	0	0	1	0	0	0	–	0	6.91	–	-
Monks Wood	39	23.7	11.5	17.6	(+1.9)	27.2	21,31	5.6	19	18.2	17.2	13	–	4	1	7	4	0 0	0	0	0	0	0	0	–	0	7.27	–	-
Wittering	73	22.9	12.3	17.6	+1.7	27.1	31	7.8	19	–	–	19	–	9	5	8	6	– –	–	–	–	–	0	–	–	–	–	–	-
Wyton (A)	40	23.6	12.6	18.1	+1.8	27.1	21	6.6	29	–	–	17	32	7	23	7	4	0 0	0	0	1	0	0	0	0	0	7.55	–	-
Suffolk																														
Brooms Barn	75	23.5	12.8	18.1	(+2.0)	26.5	15	7.1	29	18.1	17.2	31	–	11	1	5	4	0 0	0	0	1	0	0	0	–	0	7.94	(141)	S
Cavendish	55	24.5	11.5	18.0	–	27.4	15	5.6	19	17.9	–	17	–	10	7	5	3	0 0	1	0	1	0	0	0	–	0	7.47	–	-
East Bergholt	5	24.7	12.1	18.4	+2.1	27.5	15	6.0	29	–	–	8	16	7	7	3	2	0 0	0	0	0	0	0	0	–	0	–	–	-
Honington (A)	51	23.6	12.7	18.1	–	27.0	15	7.6	18	–	–	31	–	14	1	6	5	0 0	0	0	1	0	0	0	0	0	7.75	–	-
Levington	22	23.9	13.6	18.7	–	26.8	15	9.1	29	18.7	–	6	–	4	7	5	3	0 0	0	0	0	0	0	0	–	0	8.01	–	-
Lowestoft	25	22.5	14.6	18.5	+2.4	26.6	10	9.6	19	18.8	17.5	10	17	4	5	6	2	0 0	0	0	0	0	0	0	0	0	7.74	128	S
Wattisham (A)	89	23.3	12.4	17.9	+2.0	26.4	15	7.4	19	–	–	13	24	8	7	4	3	0 0	0	0	1	0	0	0	0	0	7.83	–	-
Westleton	10	22.3	13.4	17.9	–	26.2	9	8.1	19	–	–	3	–	1	22	3	2	0 0	0	0	0	0	0	0	–	0	–	–	-
Bedfordshire																														
Bedford (A)	85	22.8	11.9	17.3	–	27.2	31	6.9	19	–	–	13	23	5	1	4	4	– –	–	–	–	–	0	–	–	–	–	–	-
Woburn	89	23.1	11.3	17.2	+1.6	26.2	21,31	4.8	19	18.7	16.0	16	24	11	23	5	4	0 0	0	0	1	–	0	0	–	0	7.37	141	-
Hertfordshire																														
Aldenham School	91	23.7	12.9	18.3	–	27.5	21	7.2	19	18.5	–	26	–	11	7	6	4	0 0	0	0	1	0	0	0	0	0	–	–	-
Rothamsted	128	22.8	12.0	17.4	+1.7	26.0	21	6.6	19	17.2	15.1	45	73	20	1	8	5	0 0	0	0	1	0	0	0	–	0	7.73	143	-
Stanstead Abbotts	30	(24.3)	(13.0)	18.7	–	27.0	21	6.6	19	–	–	24	–	10	23	5	4	– 0	–	–	–	–	0	–	–	–	–	–	-
Essex																														
Clacton-on-Sea	16	22.5	15.0	18.7	+1.9	26.8	10	9.9	19	18.1	16.6	8	16	4	23	3	3	0 0	0	0	0	0	0	0	–	1	7.93	127	-
Halstead	70	23.7	13.2	18.5	–	26.5	15	7.6	19	18.1	16.6	21	–	13	7	3	3	0 0	0	0	0	0	0	–	–	0	–	–	-
Rettendon	16	23.5	13.2	18.3	–	26.7	10	6.9	19	–	–	37	–	28	7	4	2	0 0	0	0	1	0	0	0	–	0	7.46	–	-
Shoeburyness Landwick (A)	2	23.2	14.4	18.8	–	27.2	10	9.2	19	–	–	11	–	5	1	5	3	– –	–	–	–	–	0	–	–	–	–	–	-
Southend	2	(23.2)	(14.4)	18.8	–	26.6	10	10.1	19	–	–	18	–	11	1	3	2	0 0	0	0	1	–	0	–	–	0	–	–	-
Stansted (A)	101	23.3	12.9	18.1	+2.1	26.6	10	7.5	19	17.7	–	16	27	10	7	6	2	0 0	0	0	1	0	0	0	0	0	–	–	-
Writtle	35	23.8	12.1	17.9	+1.8	26.5	10,27	5.1	19	18.6	–	49	100	43	7	6	4	0 0	0	0	1	0	0	0	–	0	7.87	144	-
4 MIDLAND COUNTIES																														
West Yorkshire																														
Bradford	134	20.8	11.8	16.3	+1.4	24.0	30	7.9	18	16.3	15.1	17	20	3	25	9	6	0 0	0	0	0	0	0	0	–	0	5.26	110	S
Bramham	54	22.0	11.2	16.6	+1.6	25.4	30	6.4	13	–	–	9	–	3	16	7	4	0 0	0	0	1	0	0	0	0	0	6.14	(125)	-
Emley Moor	259	20.0	11.8	15.9	–	23.5	1, 3, 31	8.2	18	–	–	19	–	6	6	11	7	0 0	–	–	–	–	0	0	–	–	–	–	-
Holme Moss	520	17.5	(10.3)	13.9	–	20.7	31	7.3	18	–	–	95	–	27	9	12	9	0 0	0	0	0	5	0	–	–	0	–	–	-
Leeds Weather Centre (X)	62	22.3	13.2	17.7	–	25.7	30	9.9	19	–	–	10	–	4	16	8	5	0 –	0	0	0	0	0	–	–	0	6.63	–	-
Wilsden (A)	262	19.9	11.3	15.6	–	24.0	30	7.9	18	–	–	21	–	5	23	12	7	0 0	0	0	0	0	0	0	0	0	–	–	-
South Yorkshire																														
Finningley (A)	10	23.5	11.7	17.6	–	26.6	21	5.1	19	18.0	–	4	–	3	5	3	1	0 0	0	0	0	0	0	0	0	0	6.80	–	-
Sheffield, Weston Park	131	21.9	12.8	17.3	+1.6	25.9	31	8.7	19	17.6	16.6	9	12	4	22	7	3	– 0	–	–	–	–	0	–	–	–	7.13	149	-
Derbyshire																														
Ashover	178	21.6	11.5	16.5	–	25.8	31	6.8	19	–	–	13	–	4	5	10	5	0 0	0	0	0	0	0	0	–	0	–	–	-
Buxton	307	19.9	11.2	15.5	+1.8	23.5	1	6.8	19	17.1	15.9	50	46	7	3	14	10	0 0	0	0	1	0	0	0	–	0	6.09	132	-
Wingerworth	116	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	–	–	–	–	–	–	–	–	–	–	-
Nottinghamshire																														
Clarborough	21	24.0	11.2	17.6	–	27.5	21	5.8	18	18.2	16.4	4	–	3	5	3	2	0 0	0	0	1	0	0	0	–	0	6.37	–	S
Keyworth	69	22.5	12.2	17.3	–	26.0	31	7.9	30	–	–	15	–	9	5	5	4	0 0	0	0	1	0	0	0	–	0	–	–	-
Southwell	70	22.5	11.9	17.2	–	25.0	22	3.0	19	17.5	16.3	9	–	5	5	4	3	– 0	–	–	–	1	0	0	–	–	(6.36)	–	S
Sutton Bonington	48	22.7	11.1	16.9	+1.4	26.4	31	5.2	30	16.4	15.3	19	31	8	5	6	4	0 0	0	0	0	0	0	2	0	0	6.53	128	-
Warsop	46	23.2	10.2	16.7	+1.7	26.0	31	4.2	19	–	–	6	10	3	3.5	4	2	0 0	0	0	0	0	0	1	–	0	6.72	137	-
Nottingham W.C. (A)	117	22.2	12.3	17.3	+1.8	26.2	31	7.8	19	17.6	–	10	15	6	5	7	3	0 0	0	0	1	0	0	–	0	0	6.77	141	-
Wiseton	6	23.4	10.2	16.8	–	27.0	22	4.7	19	–	–	5	–	4	5	3	1	0 0	0	0	0	0	0	–	–	0	6.75	–	-
Staffordshire																														
Cellarhead	228	(20.1)	10.8	15.5	–	24.6	31	5.5	13	–	–	22	–	7	5	11	7	0 0	–	–	–	–	0	1	0	–	–	–	-
Keele (A)	179	20.9	11.5	16.2	+1.5	25.4	31	7.7	19	15.9	14.4	25	31	6	5	11	8	0 0	0	0	1	0	0	0	0	0	5.91	122	S
Penkridge	101	22.1	11.5	16.8	+1.8	26.2	31	7.0	30	–	–	27	39	7	5	10	7	0 0	0	0	0	0	0	0	–	0	5.70	–	-
Leicestershire																														
Brooksby Hall	70	22.3	9.8	16.1	–	26.9	31	4.0	30	16.8	–	23	–	8	7	8	6	0 0	0	0	0	1	0	1	–	0	6.59	–	-
Caldecott	53	23.1	11.0	17.1	+1.7	26.7	21,31	4.5	30	–	–	24	37	10	5	5	4	0 0	0	0	2	1	0	0	–	0	7.17	138	-
Cottesmore	138	22.2	11.8	17.0	–	26.2	21	7.0	18	–	–	15	–	6	5	5	4	– –	–	–	–	–	0	–	–	–	–	–	-
Newtown Linford	119	22.5	10.7	16.6	+1.4	26.3	31	5.4	19,30	–	–	38	55	15	7	8	7	0 0	0	0	0	0	0	0	–	0	7.05	144	S
Shropshire																														
Edge	126	21.3	11.1	16.2	–	25.5	31	6.6	18	–	–	27	–	16	23	8	5	0 0	0	0	0	0	0	0	–	0	–	–	-
Ludlow College	107	(21.8)	11.2	16.5	–	26.0	31	6.9	31	–	–	25	–	10	23	8	6	0 0	0	0	0	1	–	0	–	–	0	–	-
Nethercott	150	21.7	11.1	16.4	–	25.1	31	6.5	19,30	–	–	36	–	21	23	8	5	0 0	0	0	0	0	0	0	–	0	–	–	-
Newcastle-on-Clun	210	20.9	10.5	15.7	–	25.0	31	6.0	18	–	–	–	–	–	–	–	–	– –	–	–	–	–	–	0	–	–	–	–	-
Oswestry School	139	21.4	11.6	16.5	–	26.0	31	7.9	19	–	–	18	–	5	23	8	4	0 0	0	0	0	0	0	–	–	0	–	–	-
Pennerley	357	20.3	10.2	15.3	–	23.4	31	8.4	23	–	–	33	–	18	23	12	9	0 0	0	0	0	0	0	0	–	0	–	–	-
Preston Montford	67	22.0	9.3	15.7	–	26.0	31	4.3	13	16.5	15.6	19	–	7	23	9	5	0 0	0	0	0	0	0	0	–	0	6.34	–	-
Shawbury (A)	72	21.7	11.1	16.4	+1.2	26.7	31	6.6	13	16.2	–	24	37	9	23	9	5	0 0	0	0	0	1	0	0	0	0	6.39	129	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average *	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
4 MIDLAND COUNTIES - Continued																														
West Midlands																														
Birmingham Elmdon Airport (A)	98	22.3	11.6	16.9	+1.5	26.9	31	6.2	30	16.9	–	15	21	7	5	6	4	0	0	0	0	0	0	0	2	0	0	7.07	135	–
Winterbourne	140	22.0	12.2	17.1	–	25.9	31	7.0	19	18.3	16.3	19	–	6	5	8	6	0	0	0	0	0	0	0	0	0	0	7.12	–	–
Halesowen	155	22.4	11.7	17.1	+1.7	27.0	31	5.6	19	17.6	15.7	26	34	8	5	9	6	0	0	0	0	0	0	0	0	0	0	6.79	130	S
Walsall	163	22.1	12.0	17.1	+1.5	26.6	31	7.9	19	–	–	26	–	8	23	9	7	0	0	0	0	0	–	0	0	–	0	–	–	–
Warwickshire																														
Coventry (Bablake)	93	22.9	12.5	17.7	–	27.0	31	7.6	19	19.0	16.9	8	–	4	5	6	2	0	0	0	0	0	0	0	0	0	0	7.29	–	–
Rugby	117	22.7	11.3	17.0	(+1.2)	26.5	31	5.8	19	18.5	17.6	14	19	9	5	5	3	0	0	0	0	0	–	0	0	0	0	–	–	–
Stratford-upon-Avon	49	23.2	10.9	17.1	+1.4	27.4	31	4.9	19	18.6	–	10	14	7	5	4	2	–	0	–	–	–	–	0	0	0	–	–	(7.05)	135	S
Wellesbourne	47	23.4	11.1	17.3	+1.5	28.1	31	5.9	19	17.9	17.2	13	18	10	5	4	1	0	0	0	1	0	0	2	0	0	7.30	137	–
Northamptonshire																														
Moulton Park	122	22.6	12.1	17.3	–	26.3	31	7.2	19	18.6	16.9	11	–	5	22	5	3	0	0	0	0	2	–	0	0	–	0	7.17	–	S
Raunds	59	23.7	11.7	17.7	+1.8	27.7	31	5.5	19	18.8	16.2	22	37	9	1	10	5	0	0	0	1	0	0	0	0	–	0	–	–	S
Hereford & Worcester																														
Astwood Bank	139	22.6	12.0	17.3	–	26.7	31	6.6	18	–	–	15	–	5	5	5	4	0	0	0	0	0	0	0	0	–	0	–	–	–
Barbourne	25	24.1	12.1	18.1	–	28.2	31	6.9	18	–	–	9	–	4	5	5	3	0	0	0	0	0	0	0	0	–	0	–	–	–
Batchley Farm	247	20.2	11.4	15.8	–	24.0	31	6.1	18	16.1	–	24	–	8	23	7	4	0	0	0	0	0	–	0	0	–	0	–	–	–
Great Malvern	44	24.1	12.8	18.5	–	28.0	31	8.1	19	–	–	11	–	4	5	4	3	0	–	–	–	–	–	0	–	–	–	–	–	–
Lyonshall	155	21.3	10.9	16.1	+0.9	25.5	31	6.5	1	–	–	24	34	11	23	5	4	–	–	–	–	–	–	0	0	–	–	–	–	–
Madley	77	22.1	10.7	16.4	–	27.0	21	5.0	30	–	–	16	–	7	22	6	4	0	0	0	0	0	0	0	0	–	0	–	–	–
Malvern	62	23.4	13.1	18.3	+2.0	28.1	31	9.6	19	18.0	16.1	10	13	4	5	4	3	0	0	0	0	0	0	0	0	–	0	6.89	128	S
Pershore College of Hort	40	23.0	12.4	17.7	+1.5	27.7	31	8.6	18,30	–	–	14	20	6	22	5	3	0	0	0	0	0	0	0	0	–	0	–	–	S
Preston Wynne	84	21.8	11.5	16.7	+1.5	26.1	31	5.3	18	–	–	15	25	5	5	6	4	0	0	0	0	0	–	0	2	–	0	6.10	112	–
Ross-on-Wye	67	22.8	12.4	17.6	+1.7	27.3	31	7.5	30	18.5	–	10	15	3	22	5	4	–	0	–	–	–	0	0	0	–	–	7.43	142	–
Gloucestershire																														
Cheltenham	65	23.6	11.6	17.6	+1.2	27.5	21	8.3	18	–	16.4	11	15	5	22	3	3	0	0	0	0	0	0	–	–	–	1	7.47	137	–
Cirencester	135	22.6	11.7	17.1	–	26.8	21	6.9	19	18.2	–	14	–	4	22	6	4	0	0	0	0	0	–	0	0	–	0	–	–	–
Didbrook Fields	80	22.5	11.7	17.1	–	26.7	21,31	6.4	19	–	–	14	–	9	5	3	2	0	0	0	0	0	0	–	–	–	0	–	–	–
Randwick	200	(21.0)	(12.3)	16.7	–	25.8	21	8.0	18	(17.7)	–	15	–	6	23	4	3	0	0	0	0	0	–	0	0	–	0	–	–	–
Slimbridge	5	(22.4)	(11.7)	17.1	–	26.8	21	5.3	18	–	–	23	–	10	5	4	3	0	0	0	0	0	–	0	0	–	0	–	–	–
Westonbirt	122	21.6	11.6	16.6	–	25.8	31	6.0	18	18.7	16.8	11	–	4	22	4	3	0	0	0	0	0	0	1	–	0	6.85	–	S
Oxfordshire																														
Benson (A)	67	23.2	12.7	17.9	–	27.1	21	4.8	18	–	–	18	29	8	22	6	5	–	–	–	–	–	–	0	–	–	–	–	–	–
Brize Norton (A)	81	22.9	12.5	17.7	+1.7	26.9	21,31	7.8	19	18.0	–	5	–	3	5	3	2	0	0	0	0	0	0	0	0	0	0	7.79	–	–
Oxford (A)	63	23.2	13.3	18.3	+1.8	26.7	21	9.4	19	19.5	17.7	12	17	7	22	4	2	0	0	0	0	0	0	0	0	0	0	7.79	138	–
Shirburn (Model Farm)	108	23.3	12.1	17.7	–	27.5	21	6.1	18	18.9	17.5	17	–	6	23	5	4	0	0	0	0	0	0	0	0	–	0	–	–	–
Wallingford	48	23.3	11.7	17.5	(+1.7)	27.0	21	5.5	18	18.2	16.5	18	–	8	22	6	3	0	0	0	0	–	0	1	–	0	7.03	(127)	S
Buckinghamshire																														
Grendon Underwood	67	22.8	10.8	16.8	+1.5	26.4	31	3.1	19	18.1	–	13	20	7	22	3	3	–	0	–	–	–	2	0	2	–	–	–	–	–
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	23.8	13.4	18.6	(+1.5)	27.4	10	8.6	19	–	–	25	42	13	1	6	3	0	0	0	0	1	0	0	0	–	0	7.71	140	–
Hampstead	137	22.9	13.8	18.3	+2.0	26.4	21	9.2	18	–	–	18	–	7	7	6	3	0	0	0	0	1	0	0	0	–	0	–	–	–
Heathrow Airport (A)	25	24.1	14.4	19.3	+2.2	27.9	21	9.9	18,19	–	–	26	45	14	1	4	4	0	0	0	0	1	0	0	0	0	0	7.80	137	–
Kew Royal Botanic Gardens	6	23.8	13.7	18.7	–	27.1	21	7.8	19	18.8	17.3	21	35	7	23	6	4	0	0	0	0	1	0	0	0	0	0	7.90	–	–
London Weather Centre (A) (X)	77	24.2	16.0	20.1	–	27.5	21	12.3	18	–	–	23	–	17	7	5	3	0	–	0	0	1	0	0	–	–	0	8.01	–	–
Northolt	34	24.1	13.8	18.9	–	27.8	21	7.7	19	–	–	11	–	5	7	4	4	0	0	0	0	1	0	0	0	0	0	–	–	–
Northwood	85	23.3	13.4	18.3	–	26.6	21	8.6	19	–	–	17	–	10	7	4	4	0	0	0	0	1	–	0	–	–	0	–	–	–
St James's Park	9	23.9	15.2	19.5	+2.0	27.4	10	10.5	19	20.3	18.7	32	52	24	7	6	4	–	0	–	–	–	–	0	0	–	–	–	–	–
Waltham Cross	32	24.1	–	–	–	27.2	17	–	–	18.8	–	19	–	9	7	4	3	–	0	–	–	–	–	–	–	–	–	6.71	–	S
Wiltshire																														
Boscombe Down (A)	126	22.5	12.5	17.5	+1.7	26.0	31	7.2	18	–	–	29	44	15	23	5	3	–	–	–	–	–	–	0	–	–	–	–	–	–
Lacock	49	22.7	11.7	17.2	+1.7	27.5	31	5.7	18	–	–	13	20	9	22	7	3	0	0	0	0	0	1	0	0	–	0	–	–	–
Larkhill	132	22.1	12.2	17.1	+1.5	26.1	31	8.0	18	–	–	13	–	8	22	4	3	–	–	–	–	–	–	0	–	–	–	–	–	–
Lyneham (A)	145	21.9	12.4	17.1	+1.6	26.1	31	7.5	18	–	–	12	17	5	22	7	4	0	0	0	0	0	0	0	0	0	0	7.59	130	–
Marlborough	129	22.7	11.0	16.9	+1.8	26.3	31	5.2	19	18.1	–	14	19	7	23	6	4	0	0	0	0	0	0	0	–	–	0	7.59	(134)	–
Netheravon	129	22.0	11.4	16.7	–	26.1	31	5.5	18,19	–	–	11	–	7	22	4	2	–	–	–	–	–	–	0	–	–	–	–	–	–
Berkshire																														
Arborfield	49	23.6	11.7	17.7	–	27.4	21	4.8	19	–	–	12	–	5	23	5	3	0	0	0	0	0	1	0	0	–	0	8.13	–	–
Easthampstead	74	23.0	12.3	17.7	–	26.5	21	6.2	19	18.5	17.3	14	–	6	7	4	3	0	0	0	0	0	0	0	0	0	0	7.96	–	–
Hurley	43	23.2	12.5	17.9	+1.9	26.5	21	6.8	19	18.5	–	13	20	5	23	4	4	0	0	0	0	0	0	0	0	–	0	7.76	140	–
Lambourn (Warren Farm)	192	22.1	12.0	17.1	–	25.9	21	8.3	19	17.2	–	20	–	10	23	7	3	–	0	–	–	–	–	0	–	–	–	–	–	–
Reading	66	23.1	13.2	18.1	–	26.7	21	8.1	19	18.0	16.7	9	–	4	22	4	2	0	0	0	0	0	0	0	0	0	0	7.24	–	S
Surrey																														
Merrist Wood	45	23.7	12.9	18.3	–	27.2	10	7.5	19	18.6	–	19	–	7	23	5	4	0	0	0	0	0	–	0	0	–	0	8.56	–	S
Mickleham	55	(24.2)	11.5	17.9	+2.2	27.5	10	5.5	18	19.3	17.8	15	24	6	7	5	4	0	0	0	0	0	0	0	0	0	0	–	–	–
Wisley	32	23.7	12.8	18.3	+2.0	26.9	31	6.2	19	18.7	17.5	25	42	10	23	6	4	0	0	0	0	1	0	0	0	–	0	7.50	133	S
Kent																														
Anvil Green	139	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Charing	91	23.2	13.1	18.1	–	27.2	10	9.0	18,19	–	–	9	–	7	7	3	2	–	–	–	–	–	–	0	–	–	–	–	–	–
East Malling (A)	33	23.7	13.1	18.4	+2.2	27.5	10	7.5	19	19.6	18.3	53	94	37	7	5	3	–	0	–	–	1	0	0	0	0	–	8.76	146	–
Edenbridge	45	–	11.3	–	–	–	–	5.4	19	–	–	12	–	5	7	5	4	–	–	–	–	–	–	0	–	–	–	–	–	–
Elmstone	5	24.3	11.8	18.1	–	28.9	10	8.0	27,30	–	–	6	–	4	7	3	2	0	0	0	0	0	0	0	–	–	0	–	–	–
Folkestone	31	21.6	14.0	17.8	–	26.4	10	9.5	9	–	17.5	4	–	2	22	3	2	0	0	0	0	0	0	0	–	0	9.39	142	–
Goudhurst	85	23.2	12.2	17.7	+2.0	27.3	10	7.4	19	–	–	16	23	14	7	5	2	0	0	0	0	1	0	0	0	–	0	–	–	–
Hadlow College	27	23.6	11.6	17.6	–	26.4	10	6.3	19	18.1	–	35	–	19	1	3	2	0	0	0	0	1	0	0	–	–	0	6.00	–	–
Herne Bay	27	23.1	14.5	18.8	–	27.4	10	11.2	19	19.3	16.6	7	–	5	7	3	3	0	0	0	0	1	0	0	0	0	0	9.13	–	–
Manston (A)	44	22.8	14.0	18.4	+1.8	26.9	10	10.4	19	19.6	–	11	20	7	7	3	3	0	0	0	0	0	0	0	0	0	0	8.61	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																													
Kent - Continued																													
Margate, North Down	40	22.9	14.8	18.9	—	26.5	6	11.5	9	20.9	—	20	—	13	7	3	2	0	0	0	0	0	0	0	—	0	—	—	-
Ulcombe	47	23.5	12.5	18.0	—	26.3	10	7.1	19	–	–	17	–	7	1	3	3	0	0	1	0	1	0	0	0	0	0	8.80	–	-
Wye	56	23.0	12.9	17.9	+1.8	27.0	10	7.0	19	18.4	17.4	32	48	25	1	4	4	0	0	1	0	1	0	0	0	—	0	9.18	153	-
Hampshire																													
Alice Holt Lodge	115	22.9	11.9	17.4	+1.7	26.6	10	6.5	19	–	–	16	24	7	22	3	3	0	0	0	0	0	0	0	—	0	7.47	132	S
Butser, Windmill Hill	160	22.5	12.6	17.5	—	27.0	31	8.0	19	18.2	16.8	16	–	5	23	5	3	0	0	0	0	0	0	0	—	0	–	–	-
Everton	16	21.0	12.8	16.9	+0.7	25.0	31	7.8	19	–	–	12	19	6	23	2	2	0	0	0	0	0	0	0	—	0	8.90	134	-
Hayling Island	4	21.8	14.8	18.3	+1.6	26.6	31	10.6	18	–	–	10	16	6	22	3	3	0	0	0	0	0	0	–	–	0	9.13	135	-
Kingsclere, Strattons Farm	102	22.7	11.5	17.1	—	26.4	21	5.8	19	–	–	31	–	15	23	5	3	0	0	0	0	1	0	0	0	—	0	–	–	-
Leckford	117	22.8	12.2	17.5	+1.6	26.3	10	6.7	18	17.1	–	24	32	18	22	5	4	0	0	0	0	0	0	0	—	—	0	7.73	136	-
Long Sutton	145	22.7	12.5	17.6	(+1.8)	26.3	10	7.6	18	19.1	17.3	12	17	5	22	5	3	0	0	0	0	0	0	0	0	0	0	8.07	144	-
Martyr Worthy	84	23.9	12.2	18.1	(+2.4)	28.0	10	6.2	18	–	–	11	–	7	22	4	2	0	0	0	0	0	0	0	–	0	–	–	–	-
Middle Wallop	90	23.0	13.0	18.0	—	27.1	10,31	7.6	18	–	–	15	–	8	22	3	2	—	—	—	—	—	—	0	—	—	–	–	–	-
Odiham	118	22.7	13.1	17.9	—	26.4	10,31	9.0	18	–	–	16	–	6	7	4	3	0	0	0	0	0	0	0	0	0	0	8.08	–	-
Otterbourne	34	23.1	12.8	17.9	—	27.1	10	7.3	19	19.3	18.1	13	–	9	22	4	3	0	0	0	0	0	–	0	0	–	0	–	–	-
Solent M R S C.	9	22.0	14.8	18.4	—	26.2	31	9.7	18	–	–	–	–	–	–	–	–	—	—	—	—	—	—	0	0	—	—	–	–	-
Southampton																													
Mayflower Park	3	23.3	14.1	18.7	—	28.7	31	9.3	18	18.8	17.5	12	–	7	22	4	3	0	–	0	0	0	0	0	0	0	0	8.12	–	-
Weather Centre (X)	19	23.8	14.4	19.1	—	28.4	10	10.0	18	–	–	13	–	8	22	4	3	0	–	0	0	0	0	0	–	0	0	–	–	-
South Farnborough	69	23.5	13.0	18.3	+2.0	26.7	10,31	6.9	19	–	–	28	–	19	7	5	3	—	—	—	—	—	—	0	—	—	—	–	–	-
Southsea	2	21.9	15.0	18.5	+1.3	25.4	31	10.9	18	19.3	17.6	16	25	8	22	3	3	0	0	0	0	0	0	0	0	–	0	(9.31)	141	-
Sparsholt	113	22.7	12.5	17.6	—	26.3	10	7.9	18	–	–	21	29	11	23	5	3	0	0	0	0	0	0	0	0	–	0	9.04	–	-
Isle of Wight																													
Ryde	4	22.0	15.0	18.5	+1.5	25.2	10	12.2	18	–	–	16	24	8	23	3	3	0	0	0	0	0	0	0	–	–	0	9.21	139	-
St Catherines Point	16	19.7	14.7	17.2	—	22.6	26	10.0	1	–	–	5	7	3	22	2	2	—	—	—	—	—	—	0	—	—	—	–	–	-
Sandown	4	21.5	14.1	17.8	+0.8	24.0	20	10.4	18,19, 25	–	–	14	–	7	7	3	2	0	0	0	0	0	0	0	–	–	0	9.00	129	-
Shanklin	55	20.7	13.8	17.3	+1.2	24.1	27	9.6	18	–	–	6	8	4	22	2	2	0	0	0	0	0	0	0	–	–	0	9.13	124	-
Ventnor Park	135	20.5	14.6	17.5	+1.1	24.1	22	10.3	18	18.7	–	5	7	4	22	2	2	0	0	0	0	0	0	0	–	–	0	8.80	128	-
Wellow	25	21.7	13.0	17.3	—	25.6	31	7.9	19	–	–	11	–	6	22	3	3	—	—	—	—	—	—	0	—	—	—	–	–	-
West Sussex																													
Bognor Regis	7	20.9	14.7	17.8	+1.3	23.7	30	10.5	18	–	17.8	5	9	3	22	3	2	0	0	0	1	0	0	–	–	0	9.65	142	-
Gatwick Airport (A)	59	23.3	12.4	17.9	+2.0	27.0	10	7.1	19	19.9	–	17	26	9	23	6	4	0	0	0	0	0	0	0	0	0	0	8.31	140	-
Rogate	64	23.0	12.0	17.5	–	26.5	10	7.0	19	19.1	–	21	–	11	7	3	3	0	0	0	0	0	0	0	–	0	7.17	–	S
Rustington	3	21.9	13.1	17.5	–	26.5	31	7.7	19	–	17.3	7	–	4	22	3	2	0	0	0	0	1	0	0	0	–	0	9.59	–	-
Worthing	2	21.4	14.0	17.7	–	25.7	31	8.2	19	19.5	–	5	–	4	22	3	2	0	0	0	0	0	0	0	–	0	9.05	133	-
East Sussex																													
Bexhill	4	21.0	14.7	17.9	+1.3	25.1	31	10.1	18	19.3	17.4	5	8	2	7	6	1	0	0	0	0	0	0	0	–	1	(9.12)	139	-
Brede	82	–	–	–	—	–	–	–	–	–	–	2	–	<1	11,22	3	0	—	—	—	—	—	—	—	—	—	—	–	–	-
Brighton	116	21.2	14.2	17.7	—	25.2	31	9.6	18	–	–	9	–	8	22	5	1	0	0	0	0	0	0	0	–	0	(8.67)	–	-
Eastbourne	7	21.1	15.1	18.1	+1.3	23.8	8	12.0	18	19.2	17.9	8	11	4	22	6	2	0	0	0	0	1	0	0	0	–	0	9.68	137	-
East Hoathly	38	22.6	11.8	17.2	—	26.5	10	5.5	19	–	–	7	–	5	22	4	2	0	0	–	–	–	–	0	0	0	–	8.53	–	-
Hastings	45	21.0	14.6	17.8	+1.1	24.5	31	10.9	18	19.7	17.9	3	5	<1	7	5	0	0	0	0	1	0	0	0	0	0	0	9.68	147	-
Herstmonceux (A)	17	22.3	12.9	17.6	—	25.7	10	7.5	19	–	–	5	–	3	22	5	2	0	0	0	0	1	0	0	0	0	0	9.48	–	-
Plumpton	76	22.7	13.2	17.9	—	27.1	26	8.1	19	–	–	11	12	9	22	6	1	0	0	0	0	0	0	0	0	–	0	7.90	–	-
7A ENGLAND NW & I.o.M.																													
Cumbria																													
Aspatria	61	19.3	12.3	15.8	—	25.5	31	8.0	8,18	–	–	59	–	15	8	18	12	0	0	0	0	0	1	0	0	–	0	5.85	–	-
Carlisle (A)	26	19.8	12.3	16.1	+1.4	25.0	30,31	7.1	18	–	–	48	64	18	6	18	11	—	—	—	—	—	—	0	—	—	—	–	–	-
Casterton	129	18.8	11.4	15.1	—	23.9	30	5.8	18	–	–	95	–	17	8	12	12	0	0	0	0	2	0	0	0	–	0	–	–	-
Eskmeals (A)	8	18.9	12.9	15.9	—	22.9	22	7.0	8	16.5	15.7	66	–	12	8	17	12	—	—	—	—	—	—	0	0	0	—	–	–	-
Grizedale	91	(18.9)	(9.5)	14.2	—	24.0	30	3.8	18	(16.1)	–	131	77	25	8	17	14	0	0	0	0	0	–	0	—	—	0	–	–	-
Newton Rigg	171	–	11.3	–	—	–	–	7.5	7,18	17.3	–	38	43	12	23	12	7	0	0	0	0	0	–	0	0	–	0	4.94	105	-
Sellafield (A)	22	19.4	12.6	16.0	—	25.0	1	8.6	26	–	–	64	–	13	8	15	14	—	—	—	—	—	—	0	0	—	–	5.24	–	-
Stainburn	26	–	–	–	—	–	–	–	–	–	–	–	–	–	–	–	–	—	—	—	—	—	—	—	—	—	—	–	–	-
Whins Pond	125	–	–	–	—	–	–	–	–	–	–	39	–	11	6	15	8	—	—	—	—	—	—	—	—	—	—	–	–	-
Lancashire																													
Aughton (A)	54	20.4	13.0	16.7	—	26.2	31	9.2	19	16.9	15.8	35	–	6	22	11	9	0	0	0	0	0	0	0	0	0	0	5.64	–	-
Hazelrigg	95	18.9	12.7	15.8	–	24.1	30	8.6	18	15.5	14.3	91	–	15	8	13	11	0	0	0	0	3	0	0	0	0	0	4.93	–	-
Lathom Park	55	20.3	12.5	16.4	–	26.2	31	7.7	19	18.2	–	36	–	6	8,22	10	9	0	0	0	0	0	0	–	–	–	1	5.24	–	S
Morecambe	7	19.7	13.7	16.7	+0.9	25.9	22	8.7	18	–	–	69	71	13	5	12	9	0	0	0	0	0	1	0	–	–	0	5.85	109	-
Myerscough	14	21.0	12.0	16.5	–	25.0	30	5.7	18	17.7	16.7	70	–	15	5	13	9	0	0	0	0	0	–	0	0	–	0	4.45	–	S
Preston	33	20.4	12.4	16.4	+1.1	24.7	30	7.1	18	–	–	68	65	15	8	12	10	0	0	0	0	0	0	0	–	–	0	–	–	-
Slaidburn	192	19.2	11.4	15.3	+1.3	23.5	29	7.0	18	–	–	99	73	16	9	11	10	–	0	–	–	–	–	0	0	–	–	5.31	112	S
Squires Gate Airport (A)	10	20.1	13.0	16.5	+1.1	26.1	31	8.8	14	–	–	45	53	14	5	10	9	0	0	0	0	1	0	0	0	0	0	5.45	97	-
Merseyside																													
Aigburth (A)	12	21.7	13.6	17.7	—	25.5	30	9.6	19	–	–	24	–	8	5	9	7	0	0	0	0	0	0	0	0	0	0	–	–	-
Bidston	60	20.9	14.0	17.5	–	25.5	31	11.2	13	–	–	18	26	5	5	12	5	0	0	0	0	1	0	0	–	–	0	5.82	–	-
Crosby	6	20.1	13.6	16.9	–	26.3	30	9.1	25	–	–	25	–	5	5	10	8	0	–	0	0	0	0	0	–	–	0	–	–	-
Southport, Greenbank	15	20.1	13.3	16.7	–	26.4	31	9.6	13	17.3	16.6	36	–	6	9	10	9	0	0	0	0	0	1	0	0	0	0	5.87	–	-
Greater Manchester																													
Bolton	107	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	—	—	—	—	—	—	—	—	—	—	–	–	S
Manchester Ringway Airport (A)	75	21.4	12.1	16.7	+1.2	26.6	31	7.2	19	–	–	27	33	6	22	11	8	0	0	0	1	1	0	0	0	0	0	6.02	119	-
Cheshire																													
Bradeley Green	115	(21.3)	(11.5)	16.4	–	(26.5)	31	7.1	18	–	–	20	–	5	5	11	5	0	0	0	0	–	0	0	–	0	–	–	–	-
Delamere Forest	68	(21.7)	(10.7)	16.2	–	25.2	31	5.5	19	–	–	32	–	9	3	7	6	0	0	0	0	0	0	0	–	0	0	–	–	-
Knutsford	65	21.9	11.9	16.9	(+1.4)	26.3	31	6.6	20	17.9	16.8	24	–	5	23	12	9	0	0	0	2	–	0	0	–	0	–	–	–	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
7A ENGLAND NW & I.o.M. - Continued																													
Cheshire - Continued																													
Macclesfield	143	21.1	11.8	16.5	+1.4	26.9	31	6.7	18,19	—	—	34	37	5	9	14	10	0	0	0	0	0	1	0	—	—	0	—	—	—
Nantwich, Reaseheath Hall	40	(22.1)	11.1	16.6	—	27.0	31	5.0	19	—	—	19	—	6	9	6	6	0	0	0	0	1	0	0	0	—	0	—	—	—
Ness Gardens	30	21.9	12.4	17.1	—	26.8	31	9.0	19	17.2	—	15	—	7	5	11	3	0	0	0	0	0	0	0	0	—	0	5.13	—	S
Isle of Man																													
Douglas	85	18.2	12.9	15.5	+1.2	23.3	29	9.6	20	—	—	42	44	12	8	16	13	0	0	0	0	0	2	0	0	—	0	3.89	66	—
Point of Ayre (A)	9	19.7	13.3	16.5	+1.4	22.7	4	9.7	20	—	—	28	36	6	6	13	7	0	0	0	0	1	0	—	—	0	5.98	100	—
Ronaldsway Airport (A)	16	18.4	12.8	15.6	+1.2	22.1	29	8.0	20	—	—	31	41	6	8	16	10	0	0	0	0	1	0	0	0	0	6.12	106	—
7B WALES N																													
Gwynedd																													
Aber	10	20.9	13.0	16.9	—	27.4	31	7.9	20	16.8	—	43	—	10	5	10	8	0	0	0	0	0	0	0	—	—	0	5.34	—	—
Amlwch, Anglesey	114	18.7	12.6	15.7	—	23.3	29	9.5	20	—	—	50	—	13	5	16	10	0	0	0	0	0	3	0	0	—	0	—	—	—
Arthog, Fegla Fach Farm	7	(20.7)	(12.7)	16.7	—	25.4	21	6.8	18	—	—	81	—	33	9	16	10	0	0	0	0	0	—	0	—	—	0	—	—	—
Bala	163	19.4	9.6	14.5	—	24.0	31	2.5	18	16.7	15.6	46	48	12	22	10	8	0	0	0	0	1	4	0	0	0	0	5.03	—	—
Betws-y-Coed	20	21.5	11.0	16.3	—	26.6	21	6.6	18	16.8	14.8	(43)	—	14	23	16	9	0	0	0	0	0	0	0	0	0	0	—	—	—
Botwnnog	34	19.9	11.8	15.9	—	27.3	27	8.0	13	17.4	16.1	43	—	10	2	13	10	0	0	0	0	0	1	0	0	—	2	—	—	—
Dinorwic	296	18.7	11.6	15.1	—	22.4	28,30	8.4	19	—	—	87	—	17	22	19	11	0	0	0	0	0	0	0	0	—	1	—	—	—
Llanymawddwy	145	19.7	10.4	15.1	—	24.3	31	3.7	18	—	—	134	—	35	9	17	12	0	0	0	0	1	0	0	0	—	0	—	—	—
Nantmor	58	20.0	12.4	16.2	—	25.9	31	8.0	20	—	—	127	—	23	5	19	14	0	0	0	0	0	0	0	—	—	0	—	—	—
Pen-y-Ffridd	84	20.7	12.3	16.5	+1.3	26.0	31	5.7	15	—	—	61	66	14	5	14	11	0	0	0	0	0	0	0	0	—	0	4.85	94	S
Trawsfynydd (A)	193	(18.9)	(11.1)	15.0	—	(24.5)	28	5.6	7	—	—	137	—	39	9	17	12	0	0	0	0	0	0	0	0	0	0	—	—	—
Valley (A)	10	19.5	13.2	16.3	+1.0	26.3	31	7.9	20	17.1	—	33	47	11	5	12	10	0	0	0	0	0	0	0	0	0	0	6.10	103	—
Clwyd																													
Alwen	335	18.7	8.9	13.8	+1.1	23.0	31	4.0	13	—	—	41	40	14	23	15	7	—	0	—	—	—	0	0	0	—	—	—	—	—
Colwyn Bay	36	20.8	12.9	16.9	—	26.0	31	9.4	13	16.8	—	22	—	6	22	9	7	0	0	0	0	0	0	0	—	—	0	5.55	—	—
Cynwyd	208	(19.8)	(10.1)	14.9	—	(23.5)	31	6.1	13	—	—	20	—	8	22	12	4	0	—	0	0	0	—	0	0	—	0	—	—	—
Hawarden Bridge	5	22.5	12.3	17.4	+1.5	27.4	31	7.2	13	—	—	13	21	7	5	7	2	0	0	0	0	0	0	0	—	—	0	—	—	—
Llanarmon Dyffryn Ceiriog	267	19.7	9.3	14.5	—	23.3	31	4.5	13	—	—	28	—	9	23	11	3	0	0	0	0	2	0	0	—	—	0	—	—	—
Loggerheads	210	20.1	10.1	15.1	+1.1	24.3	31	5.5	20	15.7	14.8	23	29	7	23	9	7	0	0	0	0	0	0	0	0	—	0	5.68	—	S
Moel-y-Crio	263	19.6	11.2	15.4	—	23.7	31	7.3	13	16.2	—	18	—	4	5	11	7	0	0	0	0	0	0	0	0	—	0	5.50	—	—
Prestatyn	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ruthin	76	21.7	10.8	16.3	(+1.5)	25.1	31	6.3	8	—	—	19	29	6	23	7	4	0	0	0	0	0	0	0	—	—	0	5.16	—	S
Powys (North)																													
Lake Vyrnwy	360	19.3	(9.3)	14.3	—	22.5	31	3.8	18	—	—	60	—	11	10	16	8	—	0	—	—	—	—	0	—	—	—	—	—	—
Llanfair Caereinion	236	20.3	10.6	15.5	—	24.0	31	6.9	14	16.5	—	27	—	10	23	13	6	0	0	0	0	0	0	0	0	—	0	—	—	—
Machynlleth	76	20.4	10.4	15.4	—	25.3	31	3.7	18	—	—	177	—	88	9	16	13	0	0	0	0	0	—	0	0	—	0	—	—	—
Moel Cynnedd	358	18.5	9.0	13.7	—	22.6	31	2.7	18	14.4	—	183	—	60	9	20	11	0	0	0	0	0	—	0	4	—	0	—	—	—
Newtown	120	21.7	—	—	—	25.5	31	—	—	—	—	43	—	23	23	8	6	0	0	0	0	0	—	—	0	—	0	—	—	—
8A WALES S																													
Dyfed																													
Aberporth (A)	134	19.5	12.8	16.1	+1.2	26.2	31	8.8	13,19	16.8	—	26	—	9	22	9	3	0	0	0	0	0	0	0	0	0	0	6.74	120	—
Brawdy (A)	111	18.7	12.3	15.5	—	24.0	31	8.1	19	—	—	41	47	12	5	12	8	0	0	2	0	1	5	0	0	0	0	6.62	—	—
Carmarthen Museum	9	(21.2)	(11.5)	16.3	—	26.2	31	5.3	18	—	—	56	—	23	22	12	8	0	0	0	0	0	—	0	0	—	0	—	—	—
Cwmystwyth	301	18.6	10.5	14.5	—	23.2	21	4.7	18	—	—	119	—	42	9	16	11	—	0	—	—	—	—	0	0	—	—	5.19	—	S
Dale Fort	33	(19.8)	13.5	16.7	+0.9	24.9	28	10.5	18	16.8	—	35	56	13	22	11	6	0	0	0	0	1	—	0	0	—	0	7.46	112	—
Gogerddan	31	19.8	12.0	15.9	+0.7	25.6	31	5.8	18	17.4	—	53	—	13	9	15	8	0	0	0	0	2	0	0	0	—	0	6.24	119	—
Milford Haven (A)	37	19.1	13.5	16.3	(+0.7)	23.4	27	10.2	19	—	—	55	—	21	22	13	10	0	0	0	0	0	2	0	0	0	0	—	—	—
Orielton	61	19.5	12.9	16.2	—	23.8	27	8.7	19	17.0	—	27	—	9	22	13	4	0	0	0	0	0	2	0	0	—	0	—	—	—
Rhandirmwyn	168	20.0	10.3	15.1	—	24.0	21,31	4.0	18	—	—	90	—	43	23	14	8	0	0	0	0	0	—	0	—	—	0	—	—	—
Saron	152	19.9	11.3	15.6	—	25.2	31	6.4	13,18	—	—	69	—	37	22	12	9	0	0	0	0	1	0	0	0	—	0	—	—	—
Scolton Country Park	77	19.7	11.4	15.5	—	24.2	27	5.8	19	—	—	53	—	18	22	16	8	0	0	0	0	3	1	0	0	—	1	—	—	—
Skokholm Island	34	18.0	13.7	15.9	—	21.8	27	10.9	19	—	—	22	—	8	22	9	4	0	0	0	0	1	0	0	0	—	1	—	—	—
St Clears	40	—	—	—	—	—	—	—	—	—	—	(42)	—	20	22	14	7	0	0	0	0	—	—	—	—	—	0	—	—	—
Swyddffynnon	168	19.1	10.5	14.8	—	23.9	31	3.1	18	—	—	49	—	12	22	14	9	0	0	0	0	1	0	0	0	—	0	5.72	—	—
Talgareg	198	19.6	9.5	14.5	—	24.0	31	3.9	13	—	—	64	—	25	22	16	8	0	0	0	0	1	0	0	0	—	0	—	—	—
Tenby	5	19.5	12.3	15.9	—	23.5	27	5.8	19	—	—	46	—	21	22	15	7	0	0	0	0	0	0	0	—	—	0	6.79	—	—
Towy Castle	88	19.8	12.3	16.1	—	24.8	31	6.7	19	17.0	15.8	53	—	19	22	14	9	0	0	0	0	0	1	0	0	0	0	6.32	—	—
Whitechurch	129	20.4	11.0	15.7	—	25.6	31	5.6	19	18.0	15.6	39	—	17	22	14	6	0	0	0	0	1	0	0	0	—	0	—	—	—
Powys (South)																													
Bronydd Mawr	330	19.0	10.4	14.7	—	23.0	26	5.0	18	—	—	44	—	15	22	14	8	0	0	0	0	0	1	0	0	—	0	5.40	—	—
Llangenny	122	21.5	11.8	16.7	—	25.0	28	5.5	18	—	—	15	—	5	23	5	4	0	0	0	0	0	0	0	—	—	0	—	—	—
Llangunllo	310	19.6	10.6	15.1	—	22.8	31	5.4	18	15.8	—	19	—	6	23	7	5	0	0	0	0	0	1	0	0	—	0	—	—	—
Llysdinam	200	21.0	10.7	15.9	—	25.1	31	3.9	18	18.0	—	35	—	18	23	11	6	0	0	0	0	0	—	0	0	—	1	—	—	—
Pencelli	160	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
Presteigne	175	21.5	9.4	15.5	—	24.9	31	3.3	30	—	—	20	—	7	23	7	4	0	0	0	1	1	0	0	0	—	0	6.85	—	S
St Harmon	279	(19.6)	(9.5)	14.5	—	(23.8)	31	1.8	18	—	—	57	—	24	23	10	7	0	0	0	0	0	0	0	0	—	0	—	—	—
Velindre	152	21.5	11.6	16.5	—	25.2	26	4.6	18	18.2	16.7	16	—	5	22	7	4	0	0	0	0	0	0	0	0	—	0	—	—	—
West Glamorgan																													
Mumbles Head	35	19.8	14.3	17.1	(+1.2)	23.5	31	9.6	18	—	—	—	—	—	—	—	—	0	0	0	0	0	0	0	0	0	1	—	—	—
Neath	62	21.2	13.0	17.1	+1.0	26.0	31	7.5	18	—	—	41	35	14	5	13	7	0	0	0	0	0	0	0	0	—	0	—	—	—
Penmaen	87	20.0	13.0	16.5	—	25.2	31	7.7	18	17.8	17.0	41	—	14	22	15	7	0	0	0	0	2	0	0	0	1	0	6.33	—	—
Swansea	10	21.8	13.6	17.7	+1.2	25.6	30	9.3	18	19.8	18.5	34	34	11	5	11	8	—	0	—	—	—	0	0	0	0	—	6.12	—	—
Mid Glamorgan																													
Cilfynydd (A)	194	20.8	11.8	16.3	—	25.5	26,31	6.4	18	—	—	41	—	14	23	8	6	0	0	0	0	0	0	0	0	0	0	—	—	—
Cwmbargoed	372	(19.1)	(11.2)	15.1	—	(24.5)	26	5.1	18	—	—	38	—	14	23	13	4	0	0	—	—	—	—	0	1	—	—	—	—	—
Porthcawl	6	21.7	11.6	16.7	—	26.0	31	5.8	18	—	—	30	34	9	5	9	8	0	0	0	0	0	0	0	—	—	0	—	—	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

August 1991

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation															
		Max (A)	Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
8A WALES S - Continued																														
South Glamorgan																														
Cardiff																														
Bute Park	9	22.2	13.3	17.7	–	27.0	31	7.6	18	18.1	17.2	30	–	10	22	9	5	–	0	–	–	–	0	0	0	–	–	6.85	–	S
Weather Centre (X)	58	22.2	14.3	18.3	–	27.1	31	10.2	18	–	–	22	–	8	22	6	4	0	–	0	0	0	0	0	–	–	0	–	–	–
Flat Holm	15	20.7	14.8	17.7	–	26.3	31	10.2	18	–	–	15	–	5	22	8	5	0	0	0	0	0	0	0	0	–	2	–	–	–
Rhoose Airport (A)	65	20.8	12.8	16.8	+1.1	25.8	31	7.2	18	–	–	24	–	8	5	8	6	0	0	0	0	0	0	0	0	0	0	7.11	116	–
Gwent																														
Crossway	140	22.4	10.9	16.7	–	26.5	26	6.0	18	–	–	19	–	11	22	3	3	0	0	0	0	0	0	0	–	–	0	–	–	–
Llanishan	180	21.5	12.1	16.8	–	25.8	22	7.0	18	–	–	27	–	11	22	4	4	–	–	–	–	–	1	0	–	–	–	–	–	–
Tredegar, Bryn Bach Park	380	19.5	10.6	15.1	–	23.5	26,31	5.0	18	–	–	56	–	29	22	11	7	0	0	0	0	2	0	0	0	–	0	–	–	–
Usk	21	22.8	11.5	17.1	–	26.5	31	4.8	18	19.2	–	26	–	10	22	5	4	–	0	–	–	–	0	0	2	–	–	–	–	–
8B ENGLAND SW																														
Avon																														
Bristol																														
Weather Centre (A) (X)	42	22.2	14.6	18.4	–	27.4	31	10.8	18	–	–	16	–	8	22	7	4	0	–	0	0	0	0	0	–	0	0	7.42	–	–
Long Ashton	51	21.0	13.1	17.1	+1.1	26.1	31	6.9	18	–	–	20	23	9	22	9	5	0	0	0	0	–	0	0	0	–	0	–	–	–
Weston Super Mare	5	22.2	13.2	17.7	–	26.9	21	6.4	18,19	–	–	10	–	4	22	8	3	0	0	0	0	0	–	0	–	–	0	6.80	–	–
Somerset																														
Brymore	23	22.4	12.5	17.5	–	27.0	31	7.4	18,31	18.3	–	13	–	8	22	8	4	0	0	0	0	0	0	0	0	0	0	7.57	–	S
Castle Cary	135	–	–	–	–	–	–	–	–	–	–	38	–	22	22	11	7	0	0	0	0	1	–	0	–	0	–	–	–	–
Downside Abbey	183	21.1	11.9	16.5	–	25.0	31	7.4	18	–	–	32	–	20	22	8	6	–	0	–	–	–	–	0	–	–	–	–	–	–
Minehead	10	21.5	13.3	17.4	–	26.9	31	10.1	31	18.2	17.0	14	–	8	22	7	4	0	0	0	0	0	0	0	0	0	0	7.84	–	–
Nettlecombe	96	21.6	10.3	15.9	–	26.0	31	5.8	19	17.9	–	14	–	9	22	6	3	0	0	0	0	1	0	0	0	–	0	–	–	–
Nettlecombe (Birds Hill)	280	19.7	(12.0)	15.9	–	24.0	31	8.9	18	16.8	–	17	–	11	22	7	4	0	0	0	0	1	0	0	0	–	0	–	–	–
Rodney Stoke	40	21.7	12.8	17.3	–	26.1	31	8.2	19	18.5	16.6	19	–	7	22	10	8	0	0	0	0	0	0	0	0	–	0	–	–	–
Tivington	82	21.2	12.0	16.6	–	26.5	31	7.7	19	17.9	16.2	19	–	9	22	8	5	0	0	0	0	0	0	0	0	0	0	–	–	–
Yeovilton (A)	18	22.2	12.4	17.3	(+1.4)	26.9	31	4.9	18	18.8	–	38	–	26	22	10	3	0	0	0	0	0	1	0	0	0	0	–	–	–
Dorset																														
Bournemouth																														
Hurn Airport (A)	10	22.8	11.7	17.3	+1.3	26.7	31	5.2	18	18.1	–	12	20	11	22	3	1	0	0	0	0	0	0	0	1	0	0	8.39	–	–
Kings Park	27	22.2	13.2	17.7	–	26.0	31	9.0	18	20.3	18.6	4	–	3	22	3	1	0	0	0	0	0	0	0	0	0	0	8.74	–	–
Christchurch	4	(21.7)	(13.3)	17.5	+1.3	24.3	31	7.5	19	–	–	4	7	3	22	3	1	0	0	0	0	0	0	0	0	–	0	–	–	–
Fontmell Magna	95	(22.6)	(11.6)	17.1	–	26.5	31	5.2	18	–	–	16	–	7	22	8	3	0	0	0	0	0	3	0	–	–	1	–	–	–
Lower Kingcombe	122	20.6	10.3	15.5	–	24.6	27,31	3.5	18	–	–	29	–	12	22	6	3	0	0	0	0	0	3	0	1	–	0	–	–	–
Poole	5	23.0	(13.4)	18.2	(+1.9)	26.1	10,31	9.4	19	–	–	15	–	14	22	2	2	0	0	0	0	0	0	0	0	–	0	8.41	(130)	–
Portland Bill																														
(Coastguard) (A)	53	19.4	13.5	16.5	–	22.9	27	10.1	2	–	–	19	–	16	22	3	2	0	0	0	0	0	2	0	0	–	0	7.98	–	–
Swanage	11	20.6	13.8	17.2	+0.9	23.0	27	10.0	24	–	17.3	6	9	3	22	5	2	0	0	0	0	0	0	0	0	–	0	8.59	124	–
Weymouth	21	20.7	13.1	16.9	–	24.3	27	8.4	18	–	–	19	–	14	22	2	2	0	0	0	0	1	1	0	–	–	0	7.99	–	–
Winfrith	26	21.5	12.0	16.7	(+0.9)	25.2	27	6.5	19	–	–	22	–	17	22	5	2	0	0	0	0	0	0	0	0	0	0	–	–	–
Devon																														
Burrington	199	19.7	11.8	15.7	–	24.6	26	8.0	19	–	–	26	–	7	5	15	8	–	–	–	–	–	–	0	0	–	–	–	–	–
Chivenor	6	21.0	12.8	16.9	+0.7	26.9	27	7.0	19	–	–	22	–	5	23	11	7	–	–	–	–	–	–	0	–	–	–	–	–	–
Dunkeswell	251	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exeter Airport (A)	32	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exmouth	78	20.6	13.3	16.9	–	25.2	10	9.7	18	–	–	17	–	9	22	7	6	0	0	0	0	1	0	0	–	–	0	7.01	–	–
Gawlish	122	19.2	13.1	16.1	–	25.0	31	9.7	19	–	–	39	–	7	11	13	9	0	–	0	0	1	2	0	0	–	0	6.58	–	–
Hemyock	165	20.9	11.7	16.3	–	25.0	31	5.7	19	–	–	23	–	13	22	11	4	–	0	–	–	–	0	0	–	–	–	7.08	–	–
Ilfracombe	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lundy	43	18.2	14.6	16.4	–	22.2	31	13.2	24	–	–	21	–	7	23	12	6	0	0	–	–	–	–	0	–	–	–	–	–	–
Melbury	143	19.6	11.3	15.5	–	24.6	27	7.0	18	–	–	30	29	11	5	12	8	–	0	–	–	–	–	0	–	–	–	6.30	–	–
North Wyke	177	21.1	11.8	16.5	–	25.2	27	7.4	18	–	–	15	–	9	22	10	3	0	0	0	0	1	0	0	0	–	0	6.50	–	–
Plymouth																														
Mount Batten (A)	27	20.1	13.2	16.7	+0.8	25.6	27	8.9	19	–	–	31	40	12	22	12	5	0	–	0	0	1	1	0	–	0	0	6.91	109	–
Princetown	423	17.8	11.1	14.5	–	21.8	28	8.0	24	–	–	79	48	28	22	18	9	0	0	0	0	0	10	0	0	–	0	–	–	–
Rumleigh	23	21.9	12.2	17.1	–	26.9	27	6.1	19	18.3	16.6	53	–	28	22	13	7	0	0	0	0	2	0	0	0	–	0	–	–	–
Saunton Sands	15	–	–	–	–	–	–	–	–	–	–	19	–	4	23	11	6	–	–	–	–	–	–	–	–	–	–	–	–	–
Sidmouth	10	20.6	13.0	16.8	–	23.7	10	8.8	18	–	–	18	28	15	22	7	2	0	0	0	0	0	0	0	–	–	0	–	–	–
Slapton	32	21.3	12.8	17.1	(+1.1)	24.0	27	8.8	2	–	–	33	43	15	22	8	4	0	0	0	0	0	0	0	0	–	0	7.36	–	S
Teignmouth	3	21.1	13.4	17.3	+0.7	25.8	10	9.8	19	–	–	15	24	9	22	5	3	0	0	0	0	1	0	0	–	–	0	7.83	123	–
Torbay (Torquay)	8	21.4	13.2	17.3	+0.8	25.6	10	9.6	19,25	–	17.7	13	19	7	22	5	3	0	0	0	0	0	0	0	0	–	0	7.62	113	–
Twist	186	20.9	11.7	16.3	–	24.9	10	7.5	19	–	–	21	–	19	22	5	2	0	0	0	0	0	2	0	–	–	0	7.39	–	–
Yarner Wood	198	21.5	11.9	16.7	–	25.6	27	8.1	19	17.5	–	24	–	14	22	8	5	0	0	0	0	0	1	0	–	–	0	7.31	–	S
Cornwall																														
Bastreet	236	19.5	10.7	15.1	–	24.9	26	3.9	19	–	–	38	28	13	22	13	10	0	0	0	0	0	1	0	1	–	0	7.06	–	S
Bude	15	20.1	12.4	16.3	+0.6	26.5	31	6.3	19	18.5	–	23	31	6	5	12	6	0	0	0	0	0	1	1	0	–	0	6.28	108	–
Camborne (A)	87	19.2	13.4	16.3	–	24.1	27	9.7	19	16.9	16.2	37	–	8	22	13	8	0	0	0	0	1	0	0	0	0	1	6.58	–	–
Culdrose (A)	80	19.1	–	–	–	22.7	27	–	–	–	–	35	51	9	22	13	9	0	0	0	0	0	1	5	–	–	–	2	5.99	97	–
Falmouth	51	20.1	13.3	16.7	+0.8	23.5	27	10.4	19	–	–	33	42	16	22	9	5	0	0	0	0	0	2	0	0	0	–	0	5.81	94	–
Gwennap Head	66	18.1	13.9	16.0	–	22.5	27	11.1	23	–	–	20	–	3	5	9	6	0	0	0	0	1	6	0	–	–	1	–	–	–
Lizard	73	19.2	13.3	16.3	(+0.5)	21.9	3	10.0	19	–	–	22	35	5	22	11	7	–	–	–	–	–	–	0	–	–	–	6.62	(98)	–
Lizard Lighthouse	60	18.7	13.9	16.3	–	20.3	14	11.1	23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Newquay	30	19.9	13.1	16.5	–	24.4	28	7.7	19	–	–	23	–	6	22	13	8	0	0	0	0	0	0	0	–	–	0	6.37	–	–
Penzance	19	20.6	13.5	17.1	+1.0	24.3	27	9.0	19	–	–	34	43	7	22	11	8	0	0	0	0	1	1	0	–	–	0	6.32	97	–
Scilly (St Mary's)	51	19.1	14.0	16.5	+0.2	22.1	27	12.1	18	–	–	20	–	11	22	7	4	0	0	0	0	0	4	0	0	0	1	6.01	91	–
St Ives	10	19.3	14.4	16.9	–	21.8	27	11.4	24	–	–	44	–	11	21	14	8	0	0	0	0	1	2	0	–	–	0	6.53	–	–
St Mawgan (A)	103	19.7	13.3	16.5	+0.9	25.0	27	10.5	19	–	–	33	45	7	22	16	11	0	0	0	0	1	2	0	0	0	0	6.41	103	–
Tregastic	110	20.4	12.4	16.4	–	24.5	27	8.6	24	–	–	47	–	20	22	13	8	0	0	0	0	2	1	0	0	0	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets, etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
CHANNEL ISLANDS																														
Guernsey																														
Airport (A)	101	20.0	14.2	17.1	+1.0	26.3	21	11.0	19	18.4	17.2	21	36	14	31	6	3	0	0	0	0	0	2	0	0	0	0	8.13	112	–
L'Ancresse	5	20.8	13.4	17.1	–	26.7	21	7.4	19	–	–	23	–	16	31	5	3	0	0	0	0	0	–	0	–	–	0	8.26	–	–
Jersey																														
Airport (A)	84	21.1	14.5	17.8	+1.1	28.6	21	8.9	19	19.9	18.5	23	43	13	31	6	3	0	–	0	0	2	1	0	0	0	0	8.19	113	–
Gorey Castle	79	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8.54	–	–
St Helier	54	22.5	14.8	18.7	–	29.9	21	9.6	19	–	–	18	32	11	31	5	2	0	0	0	0	3	1	0	0	–	0	8.47	–	–
Trinity States Farm	107	20.7	14.8	17.7	–	27.8	21	10.2	19	19.1	–	20	–	11	31	6	3	0	0	0	0	0	2	0	1	–	0	–	–	–
NORTHERN IRELAND																														
Londonderry																														
Banagher (Caugh Hill)	216	18.1	11.4	14.7	–	23.5	29	7.0	18	–	–	41	–	5	16	21	15	0	0	0	0	0	1	0	0	–	0	4.54	–	–
Carmoney	73	18.5	11.9	15.1	–	23.5	30	8.5	18	–	–	54	–	11	1	15	13	0	0	0	0	0	0	0	0	0	0	4.79	–	–
Castledawson Hillhead	30	19.9	10.9	15.4	–	24.8	29	6.0	18	–	–	23	–	4	4	15	11	0	0	0	0	0	–	0	0	–	0	–	–	–
Coleraine University (A)	23	18.9	11.9	15.5	–	24.1	30	8.0	31	16.3	14.3	46	–	8	1	15	12	0	0	0	0	0	0	0	0	–	0	5.13	–	–
Lough Fea W Wks	225	18.1	11.5	14.8	–	24.5	29	6.5	18	–	–	30	–	5	16	16	13	0	0	0	0	0	0	0	0	–	0	–	–	–
Moydamlaght	178	18.2	11.6	14.9	–	23.9	29	7.7	18	–	–	28	–	6	4	13	9	0	0	0	0	0	0	0	0	–	0	–	–	–
Moyola Waterworks	17	19.4	10.2	14.8	–	24.3	30	4.0	5,26	–	–	23	–	6	4	18	7	0	0	0	0	0	0	0	0	–	0	–	–	–
Antrim																														
Altnahinch	213	17.9	10.9	14.4	–	22.5	29	6.5	8,18	–	–	67	–	12	8	21	16	0	0	0	0	0	1	0	0	–	0	4.99	–	–
Belfast																														
Aldergrove Airport (A)	68	19.6	12.3	15.9	+1.6	25.0	29	7.7	18	16.7	14.1	29	37	4	5	17	11	0	0	0	0	0	0	0	0	0	0	5.54	121	–
Newforge	40	20.1	12.4	16.3	–	26.4	29	8.1	20	–	–	27	–	5	22	16	10	0	0	0	0	0	–	0	0	–	0	4.48	–	–
Oldparkfilters	58	19.6	12.1	15.9	–	25.5	29	7.8	18	–	–	23	25	3	16	15	10	0	0	0	0	0	1	0	0	–	0	–	–	–
Carnlough	12	19.6	11.5	15.5	–	22.6	29	7.1	20	–	–	33	–	9	8	16	12	0	0	0	0	0	1	0	–	–	0	–	–	–
Dungonnell Filters	271	17.6	10.3	13.9	–	22.1	29	6.0	18	–	–	67	–	12	9	19	15	0	0	0	0	0	4	0	0	–	0	–	–	–
Garron Tower	62	17.9	12.1	15.0	–	21.0	9	8.0	20	–	–	28	–	5	8	15	10	0	0	0	0	0	0	0	–	–	0	–	–	–
Greenmount	38	19.7	12.5	16.1	(+1.8)	24.7	29	7.2	18	17.9	–	22	–	4	5	16	9	0	0	0	0	0	–	0	0	–	0	–	–	–
Jordanstown Rostulla	10	19.9	12.7	16.3	–	24.3	29	7.7	18	–	–	19	–	3	16	19	8	0	0	0	0	0	1	0	0	–	0	–	–	–
Larne Harbour	43	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lowtown	213	18.0	10.2	14.1	–	23.8	29	4.4	8	–	–	38	–	7	16	17	11	0	0	0	0	0	2	0	0	–	0	5.17	–	–
Movanagher Fish Farm	10	19.6	11.2	15.4	–	24.0	29,30	6.0	19	–	–	29	–	5	16	15	9	0	0	0	0	0	1	0	0	–	0	–	–	–
Parkmore Forest	235	17.8	10.2	14.0	–	22.0	29	6.0	13	14.4	–	73	53	15	8	20	13	0	0	0	0	0	2	0	1	–	0	–	–	–
Woodburn North	217	17.4	10.1	13.7	–	21.0	28,29	6.3	23,25	–	–	30	28	7	16	13	10	0	0	0	0	0	3	0	0	–	0	–	–	–
Down																														
Ballykine Rockvale	125	19.3	11.3	15.3	–	25.2	29	6.5	18	–	–	34	–	8	5	16	10	0	0	0	0	0	2	0	0	–	0	–	–	–
Ballywatticock	6	19.4	12.3	15.9	–	24.4	29	6.5	20	16.5	15.1	17	24	3	16	15	7	0	0	0	0	0	1	0	0	0	0	4.97	–	–
Belfast																														
Ravenhill Road	10	20.6	12.9	16.7	–	27.4	29	8.6	18	–	–	21	–	4	22	16	9	0	0	0	0	0	0	0	0	–	0	–	–	–
Stormont Castle	56	19.5	12.3	15.9	+1.4	24.9	29	8.0	18	16.5	15.4	19	25	3	4	14	10	0	0	0	0	0	1	0	0	–	0	5.20	(111)	–
Bryansford	85	19.7	12.4	16.1	–	24.0	29	8.3	18	17.1	15.5	44	–	15	22	12	10	0	0	0	0	0	2	0	0	0	0	–	–	–
Downpatrick, Killavees	58	20.2	12.0	16.1	–	26.0	29	7.3	18	–	–	41	–	17	5	13	9	0	0	0	0	0	3	0	0	–	0	–	–	–
Helens Bay	43	20.5	12.2	16.3	(+1.6)	26.0	29	8.8	18	16.7	14.3	18	23	3	16	17	8	0	0	0	0	0	–	0	0	–	0	–	–	–
Hillsborough	116	19.1	11.5	15.3	+1.4	24.7	29	6.7	18	15.6	14.0	27	31	5	22	16	8	0	0	0	0	0	0	0	0	–	0	5.60	119	–
Killough	15	–	–	–	–	–	–	–	–	–	–	31	–	12	5	15	10	–	–	–	–	–	–	–	–	–	–	–	–	–
Long Kesh (A)	36	20.2	11.6	15.9	–	25.6	29	4.2	18	16.3	15.2	22	–	5	16	15	5	0	0	0	0	0	0	0	1	0	0	5.55	–	–
Lough Cowey	10	19.6	11.1	15.3	–	22.8	30	7.6	7	–	–	26	34	14	5	11	7	0	0	0	0	0	2	0	0	–	0	4.88	–	–
Magherally	97	19.5	10.4	14.9	–	25.2	29	1.6	18	16.0	14.3	32	–	7	5	15	8	0	0	0	0	0	0	0	1	0	0	–	–	–
Murlough	12	19.1	11.9	15.5	–	22.0	3	7.0	20	16.8	15.6	33	–	15	5	12	8	0	0	0	0	0	2	0	0	–	0	4.67	–	S
Newry, Carnbane	8	20.1	11.0	15.5	–	25.7	29	3.6	18	–	–	31	–	11	22	15	5	0	0	0	0	0	0	0	0	–	0	5.29	–	–
Saintfield, Rowallane	95	19.5	10.4	14.9	–	25.0	29	6.3	20	15.3	–	31	–	7	22	17	10	0	0	0	0	0	–	0	0	–	0	–	–	–
Silent Valley	129	18.1	12.2	15.1	–	23.6	29	7.5	20	–	–	44	39	15	5	15	9	0	0	0	0	0	1	0	0	–	0	5.57	–	–
Trassey, Slievenaman	215	19.0	11.0	15.0	–	24.0	29	5.0	18	–	–	69	–	27	22	16	12	0	0	0	0	0	4	0	0	–	0	–	–	–
Armagh																														
Annaghmore	27	20.5	11.2	15.9	–	26.2	29	4.0	31	16.8	14.9	30	–	9	5	15	11	0	0	0	0	0	0	0	0	0	0	–	–	–
Armagh	62	20.1	12.0	16.1	+1.4	25.7	29	6.8	31	16.4	15.3	26	33	9	5	12	7	0	0	0	0	0	1	0	0	–	0	4.94	116	S
Castor Bay	17	20.2	–	–	–	25.1	30	–	–	–	–	19	–	5	5	12	5	0	0	0	0	0	0	–	0	–	0	–	–	–
Loughgall	25	19.9	11.3	15.6	+1.5	25.3	29	4.6	31	–	–	25	34	8	5	15	8	0	0	0	0	0	0	0	0	–	0	–	–	–
Tandragee, Ballyilisk	43	20.4	10.8	15.6	–	27.2	29	5.5	31	–	–	26	–	9	5	13	7	0	0	0	0	0	0	0	–	–	0	–	–	–
Tyrone																														
Baron's Court	132	18.5	11.6	15.1	–	24.3	29	7.8	18	–	–	45	–	7	4	17	14	0	0	0	0	0	–	0	0	–	0	–	–	–
Carrigans (A)	113	19.3	11.3	15.3	(+1.3)	25.0	29,30	4.8	18	–	–	41	–	5	4,16	18	12	0	0	0	0	0	0	0	0	0	0	4.37	–	–
Cookstown	77	19.9	10.2	15.1	–	26.0	29	5.0	18	–	–	18	21	5	5	10	7	0	0	0	0	0	–	0	0	–	0	–	–	–
Edenfel	88	19.2	10.6	14.9	–	24.9	30	3.1	18	–	–	35	39	6	8	17	10	0	0	0	0	0	0	0	1	–	0	–	–	–
Fivemiletown	119	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lough Bradan W Wks	180	18.0	10.6	14.3	+1.2	23.1	29	7.0	7,13, 25	–	–	71	58	14	8	15	13	0	0	0	0	0	1	0	–	–	0	–	–	–
Strabane Glen Road	60	19.6	11.7	15.7	–	25.1	29	6.3	18	–	–	40	–	6	1	14	10	0	0	0	0	0	–	0	0	–	0	–	–	–
Fermanagh																														
Castle Archdale Forest (A)	66	18.9	11.3	15.1	(+1.2)	24.4	29	4.5	18	16.5	–	60	–	9	5	17	13	0	0	0	0	0	0	0	1	–	0	4.45	(110)	–
Corgary	145	18.6	11.4	15.0	–	24.3	28	8.3	18	–	–	52	–	9	5	16	14	–	0	–	–	–	–	0	0	0	–	4.75	–	–
Knockarevan	53	19.2	11.6	15.4	–	25.1	28	6.7	18	–	–	47	–	9	5	19	9	–	0	–	–	–	–	0	0	0	–	–	–	–
Lisnaskea	49	19.5	11.9	15.7	–	25.0	29	4.0	18	–	–	32	–	11	9	11	8	0	0	0	0	0	2	0	0	–	0	–	–	–
Lough Navar Forest	126	18.8	9.5	14.1	(+0.6)	24.0	29,30	3.1	31	–	–	56	47	9	5	21	12	0	0	0	0	1	0	0	1	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
0 SCOTLAND N																																											
Shetland																																											
Fair Isle	61	9	1013.8	–	13.1	0.7	13.9	92	6.4	0	3	3	18	4	3	1	0	2	1	0	1	5	4	13	4	0	0	16	15	0	1	0	1	3	9	9	7	1
		15	1014.4	–	13.9	1.0	14.1	89	5.3	0	8	3	14	5	1	1	0	0	0	2	0	3	4	14	7	0	0	18	13	0	0	0	1	2	7	8	10	3
		21	1014.7	–	12.3	0.5	13.4	93	6.1	0	3	5	14	8	1	0	1	1	0	1	0	5	8	11	4	0	0	12	18	1	2	0	0	5	7	7	8	1
Lerwick	83	3	1012.8	–	11.7	0.4	13.1	94	6.6	0	2	4	15	9	1	0	2	0	0	2	2	3	6	14	2	0	1	13	14	3	0	1	0	0	11	8	7	1
		9	1012.8	+1.2	13.0	0.9	13.3	89	6.7	0	2	3	14	9	3	0	2	1	1	0	4	2	5	13	3	0	2	17	12	0	1	0	0	3	10	10	5	2
		15	1013.4	–	14.1	1.4	13.6	84	5.0	0	2	7	16	6	0	0	0	0	1	0	3	2	3	14	8	0	0	25	6	0	1	0	0	1	7	14	7	1
		21	1013.8	–	11.9	0.5	13.2	94	6.4	0	2	5	11	12	1	0	0	0	1	1	3	2	9	12	3	0	1	13	16	1	0	0	0	3	7	13	4	3
Muckle Flugga	54	3	1011.6	–	12.7	1.0	13.1	89	7.0	0	1	3	10	17	0	0	0	0	0	1	0	5	3	21	1	1	5	14	9	2	1	0	1	2	8	13	3	1
		9	1012.0	–	13.6	1.3	13.2	85	6.8	0	0	5	14	11	1	0	0	1	1	0	0	5	5	19	0	1	7	18	5	0	2	0	1	1	14	10	3	0
		15	1012.6	–	14.2	1.5	13.6	84	6.3	0	1	8	12	10	0	0	0	0	0	0	0	6	7	14	4	1	8	18	4	0	3	0	0	2	8	12	6	0
		21	1012.9	–	12.8	1.0	13.0	88	6.5	0	1	8	8	13	1	1	0	0	0	1	0	3	4	22	0	0	7	13	11	0	3	0	1	0	14	10	2	1
Sumburgh	13	3	1012.8	–	12.3	0.7	13.2	92	6.6	0	1	5	16	8	1	0	1	0	0	2	0	3	6	18	1	0	1	13	15	2	1	0	2	2	9	7	5	3
		9	1012.9	–	13.5	0.9	13.9	90	6.7	0	1	3	19	8	0	0	0	0	1	2	0	5	4	13	6	0	0	13	18	0	0	0	1	2	10	9	7	2
		15	1013.5	–	14.3	1.4	13.8	84	5.4	0	4	8	16	3	0	0	0	0	2	1	0	2	2	12	12	0	0	17	14	0	1	0	0	2	7	9	9	3
		21	1013.9	–	12.4	0.7	13.3	92	5.6	0	6	4	15	6	0	0	0	0	0	0	1	6	7	13	4	0	0	13	18	0	2	0	0	4	9	6	8	2
Orkney																																											
Kirkwall	26	3	1013.5	–	12.0	0.6	13.0	93	5.9	0	5	5	14	7	0	0	0	1	0	0	1	3	4	14	8	0	0	16	13	2	0	0	1	2	11	6	7	2
		9	1013.6	+1.7	14.4	1.2	14.2	87	6.4	0	1	6	18	6	0	0	0	0	0	1	2	4	5	8	11	0	2	17	12	0	1	0	1	2	17	12	3	1
		15	1014.3	–	15.8	2.3	13.6	76	5.8	1	3	6	15	6	0	0	0	0	0	0	1	2	4	9	15	0	3	17	11	0	0	0	1	2	7	5	13	3
		21	1014.6	–	12.7	0.7	13.4	91	5.6	1	4	6	14	6	0	0	0	0	0	1	0	3	4	14	9	0	2	9	20	0	0	0	1	6	9	6	7	2
Western Isles																																											
Benbecula	7	3	1013.5	–	13.5	0.9	13.9	89	6.5	0	4	2	12	13	0	0	0	0	0	0	1	5	4	18	3	0	2	14	15	0	2	0	1	2	8	8	8	2
		9	1014.4	+2.4	14.7	1.6	13.9	83	6.6	1	0	2	22	6	0	0	0	0	0	1	0	3	6	12	9	0	1	21	9	0	0	0	1	0	5	14	8	3
		15	1014.9	–	15.8	2.2	13.8	77	6.0	1	4	4	11	11	0	0	0	0	0	0	0	4	5	12	10	0	1	23	7	0	1	0	0	0	6	13	11	0
		21	1014.8	–	13.6	1.1	13.7	88	6.5	0	3	3	13	12	0	0	0	0	0	0	2	3	6	15	5	0	2	13	16	0	1	0	1	2	10	7	9	1
Stornoway	5	3	1012.9	–	12.6	0.8	13.3	91	6.5	0	3	3	10	15	0	0	0	0	0	0	1	2	7	19	2	0	0	11	19	1	0	0	2	1	15	7	3	2
		9	1013.6	+1.5	14.2	1.5	13.6	84	6.1	0	3	4	17	7	0	0	0	0	0	0	0	4	6	19	2	0	0	15	16	0	0	1	1	0	13	9	6	1
		15	1014.2	–	15.5	2.5	13.0	74	6.0	1	3	5	17	5	0	0	0	0	0	0	0	2	7	13	9	0	1	17	13	0	0	0	1	3	11	10	4	2
		21	1014.4	–	13.1	1.1	13.2	88	5.9	0	4	6	12	9	0	0	0	0	0	0	2	3	9	13	4	0	0	11	19	1	0	0	1	1	13	11	4	0
Highland																																											
Aviemore	228	3	1015.2	–	10.9	1.0	11.6	88	5.2	1	6	5	17	2	0	0	0	0	0	0	0	1	2	8	20	0	0	4	24	3	3	0	2	1	12	6	4	0
		9	1015.0	–	14.8	2.3	12.7	75	6.0	1	2	5	21	2	0	0	0	0	0	0	0	0	5	2	24	0	0	11	20	0	2	1	2	0	22	3	1	0
		15	1014.8	–	18.1	4.6	11.9	58	5.5	1	2	8	19	1	0	0	0	0	0	0	0	0	1	3	27	0	0	13	18	0	0	1	0	0	19	6	4	1
		21	1015.9	–	13.1	1.8	12.1	80	5.1	2	5	7	13	4	0	0	0	0	0	0	0	0	4	2	25	0	0	4	26	1	3	0	1	0	11	11	2	2
Cape Wrath	113	3	1012.4	–	13.2	1.0	13.5	89	6.7	0	2	5	6	17	1	1	0	0	0	0	0	1	1	25	3	2	8	13	8	0	0	0	0	4	2	2	17	6	0
		9	1012.9	–	13.5	1.0	13.7	88	6.8	0	0	5	14	11	1	0	0	1	0	0	0	1	3	21	5	3	7	15	6	0	0	0	2	0	1	20	6	2
		15	1013.7	–	14.5	1.6	13.7	84	6.3	0	2	7	6	15	1	0	0	0	1	0	1	0	3	20	6	0	11	14	4	2	0	0	1	0	0	16	11	1
		21	1013.9	–	13.5	1.3	13.3	86	6.6	0	1	6	12	11	1	1	0	0	0	0	0	1	3	20	6	3	4	15	9	0	0	0	1	1	2	15	10	2
Dalcross	12	9	1014.6	–	15.6	2.4	13.2	75	5.9	1	2	5	21	2	0	0	0	0	0	0	0	2	4	14	11	0	0	12	19	0	1	2	0	0	1	21	5	1
		15	1014.6	–	18.4	4.4	12.5	59	5.6	1	2	7	20	1	0	0	0	0	0	0	0	1	4	8	18	0	0	12	19	0	2	3	0	0	0	16	9	1
		21	1015.2	–	14.6	2.2	12.7	77	5.5	1	4	6	18	2	0	0	0	0	0	0	0	1	2	20	8	0	0	5	25	1	1	0	1	3	6	17	2	0
Invergordon Harbour	12	3	1014.4	–	13.2	1.4	12.8	84	6.0	2	4	3	8	14	0	0	0	0	0	0	1	0	1	15	4	10	0	0	4	16	11	0	1	0	0	4	8	7	0
		9	1014.7	–	15.0	2.2	13.1	77	6.6	1	0	1	22	7	0	0	0	0	0	0	0	3	2	13	13	0	0	7	18	6	0	1	1	0	1	10	12	0
		15	1014.8	–	18.1	4.1	12.7	61	6.1	1	1	6	18	5	0	0	0	0	0	0	0	2	1	14	14	0	2	12	16	1	0	1	3	0	3	3	17	3
		21	1015.4	–	15.1	2.3	13.1	76	6.2	1	1	7	10	12	0	0	0	0	0	0	0	1	8	12	10	0	0	3	21	7	2	2	1	1	1	12	5	0
Waterstein	81	9	1014.7	–	13.8	0.7	14.6	92	6.0	0	4	5	15	7	0	0	0	0	1	0	3	5	6	9	7	0	0	18	12	1	0	0	1	0	16	7	5	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1015.3	–	13.2	0.5	14.3	94	6.2	1	3	4	10	13	0	0	0	0	0	0	0	8	8	10	5	0	4	8	14	5	0	1	0	0	12	6	6	1
Wick	37	3	1014.0	–	12.0	0.9	12.5	89	5.8	0	5	3	20	3	0	0	0	0	1	0	2	2	4	14	8	0	0	8	23	0	0	1	1	4	8	8	9	0
		9	1014.1	+2.1	14.7	1.9	13.4	80	6.3	0	3	3	19	6	0	0	0	0	1	2	1	0	2	11	14	0	0	11	20	0	0	0	3	2	12	7	6	1
		15	1014.7	–	16.1	2.6	13.4	73	5.8	1	3	5	21	1	0	0	0	0	0	0	2	1	1	11	16	0	1	13	17	0	1	0	4	8	4	1	8	5
		21	1015.0	–	13.4	1.3	13.1	85	5.8	1	1	9	17	3	0	0	0	0	0	1	2	1	1	19	7	0	0	4	26	1	0	2	1	3	10	6	3	5
1 SCOTLAND E																																										
Grampian																																										
Dyce	69	3	1015.1	–	12.0	0.9	12.5	89	5.5	0	5	6	14	6	0	0	0	1	0	1	2	1	2	3	10	11	0	0	1	26	4	4	1	2	2	7	2	6	3
		9	1015.2	+2.5	16.2	2.3	14.2	77	5.0	0	10	3	14	4	0	0	0	0	0	1	2	0	0	2	10	16	0	0	10	21	0	2	0	2	4	7	9	5	2
		15	1015.1	–	18.7	3.3	14.9	70	5.5	0	4	7	18	2	0	0	0	0	0	0	0	2	2	13	14	0	0	12	19	0	2	0	3	5	10	5	3	3
		21	1015.8	–	14.1	1.4	13.5	84	5.4	1	5	4	18	3	0	0	0	0	0	1	0	3	3	14	10	0	0	1	29	1	4	0	1	5	6	5	8	1
Glenlivet	212	9	1015.3	–	15.0	2.5	12.7	74	6.4	1	1	3	24	2	0	0	0	0	0	0	0	0	0	6	25	0	0	2	29	0	0	0	1	12	1	0	17	0
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1016.2	–	13.1	1.7	12.2	81	5.9	1	4	3	21	2	0	0	0	0	0	0	1	0	1	6	23	0	0	1	30	0	0	0	9	10	0	0	11	1
Kinloss	6	3	1014.7	–	12.7	1.4	12.3	83	5.4	1	3	10	12	5	0	0	0	0	0	1	2	1	0	17	0	0	0	4	24	3	0	1	1	2	7	11	6	0
		9	1015.0	+2.5	16.0	2.6	13.3	73	5.8	1	4	2	21	3	0	0	0	0	0	0	0	1	3	9	18	0	0	12	18	1	2	0	2	0	1	15	10	0
		15	1015.1	–	18.8	4.4	13.1	60	5.5	0	5	5	18	3	0	0	0	0	0	0	0	1	3	5	22	0	0	15	16	0	4	1	1	1	1	6	12	5
		21	1015.6	–	14.8	2.2	12.9	76	5.6	1	4	4	20	2	0	0	0	0	0	0	0	1	3	9	18	0	0	6	24	1	2	0	1	2	7	12	6	0
Peterhead Harbour	15	3	1015.2	–	13.2	1.2	13.1	86	5.9	0	2	10	7	11	1	0	0	0	1	0	2	1	2	24	1	0	0	0	7	22	2	0	0	1	0	9	5	11	3
		9	1015.5	–	14.7	2.0	13.0	78	5.4	0	2	13	11	5	0	0	0	0	0	0	1	4	6	20	0	0	0	0	10	19	2	2	0	1	1	12	6	6	1
		15	1015.7	–	15.9	2.5	13.5	75	5.7	0	0	13	15	3	0	0	0	0	0	0	0	4	9	18	0	0	0	0	14	17	0	4	0	3	1	16	1	4	2
		21	1016.0	–	14.4	1.5	13.6	83	5.9	0	3	7	15	5	1	0	0	0	0	1	0	1	2	23	4	0	0	0	5	25	1	3	1	0	0	14	4	7	1
Fife																																										
Leuchars	12	3	1015.8	–	12.4	0.9	12.8	89	5.2	1	6	6	13	5	0	0	0	0	0	0	2	0	3	3	10	13	0	0	4	27	0	1	2	0	0	1	13	14	0
		9	1016.1	+3.3	16.6	2.8	13.6	72	5.3	0	4	11	10	6	0	0	0	0	0	0	1	2	5	8	15	0	1	14	15	1	0	2	3	2	1	8	13	1
		15	1015.9	–	19.0	4.1	13.6	63	5.9	1	3	4	19	4	0	0	0	0	0	0	0	3	0	2	9	17	0	3	17	11	0	0	2	6	0	3	4	16	0
		21	1016.5	–	14.2	1.6	13.4	83	5.6	0	5	5	17	4	0	0	0	0	0	1	0	2	1	4	8	15	0	0	3	25	3	0	1	4	0	2	10	11	0

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 199 m	Visibility: 200 - 399 m	Visibility: 400 - 999 m	Visibility: 1000 - 1999 m	Visibility: 2000 - 3999 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Wind speed and direction: Beaufort force: 6-7	Wind speed and direction: Beaufort force: 4-5	Wind speed and direction: Beaufort force: 1-3	Wind speed and direction: Beaufort force: Calm	Wind speed and direction: Speed (kn): 34 or more	Wind speed and direction: Speed (kn): 22-33	Wind speed and direction: Speed (kn): 11-21	Wind speed and direction: Speed (kn): 1-10	Wind speed and direction: Speed (kn): 0	Wind speed and direction: N	Wind speed and direction: NE	Wind speed and direction: E	Wind speed and direction: SE	Wind speed and direction: S	Wind speed and direction: SW	Wind speed and direction: W	Wind speed and direction: NW
										Number of observations																																
1 SCOTLAND E - Continued																																										
Lothian																																										
Turnhouse	44	3	1016.3	–	12.6	0.9	13.1	90	5.2	1	4	8	15	2	1	0	0	0	3	0	1	1	5	17	4	0	0	6	21	4	0	0	3	0	0	11	13	0
		9	1016.5	- 3.3	15.8	2.0	14.2	79	6.0	0	1	8	22	0	0	0	0	0	1	1	1	3	4	14	7	0	1	12	17	1	0	2	1	2	1	11	13	0
		15	1016.4	–	18.2	3.3	14.4	69	6.4	1	1	3	24	2	0	0	0	0	0	0	1	3	2	14	11	0	0	15	16	0	2	5	2	0	2	4	16	0
		21	1016.9	–	14.4	1.4	14.0	85	5.3	1	6	4	18	2	0	0	0	1	0	0	2	2	4	13	9	0	0	4	25	2	1	2	2	1	5	6	12	0
6 SCOTLAND W																																										
Strathclyde																																										
Abbotsinch	9	3	1016.4	–	12.9	0.8	13.6	91	6.1	0	3	4	15	9	0	0	0	0	1	1	1	5	8	14	1	0	0	5	22	4	1	3	3	1	2	8	8	1
		9	1016.8	- 3.6	15.5	1.9	14.1	80	6.3	0	1	6	22	2	0	0	0	0	0	1	1	4	7	14	4	0	1	7	22	1	1	1	4	0	2	12	7	3
		15	1016.9	–	18.0	3.5	13.8	67	6.3	1	0	4	23	3	0	0	0	0	0	0	0	2	6	9	14	0	0	13	16	2	2	1	1	1	1	10	11	2
		21	1017.1	–	14.4	1.5	13.8	84	5.4	1	5	6	18	1	0	0	0	0	0	0	0	4	9	12	6	0	1	3	26	1	1	2	2	0	3	10	12	0
Orsay	24	3	1015.8	–	13.8	0.5	14.8	94	6.7	0	0	8	5	17	1	0	0	0	1	0	0	1	6	7	16	0	0	9	20	2	0	1	4	3	8	8	3	2
		9	1016.4	–	14.1	0.8	14.7	91	6.8	0	1	5	11	13	1	0	0	0	1	0	0	1	5	12	12	0	2	11	16	2	1	0	2	4	8	7	6	–
		15	1016.9	–	15.2	1.3	14.8	86	6.1	0	2	8	12	9	0	0	0	0	1	0	0	2	5	9	14	0	1	10	20	0	2	0	1	10	3	7	6	2
		21	1016.7	–	13.8	0.7	14.6	92	6.1	0	4	5	9	12	1	0	0	0	1	0	0	1	6	9	14	0	3	9	17	2	0	0	2	8	3	4	9	3
Prestwick	21	3	1016.7	–	13.6	0.8	14.1	90	5.7	2	4	6	9	10	0	0	0	0	0	0	2	6	1	17	5	0	0	8	22	1	0	0	8	2	9	5	4	2
		9	1017.2	- 3.9	16.0	1.8	14.8	81	6.5	1	1	3	20	6	0	0	0	0	1	0	5	5	16	4	0	0	0	10	20	1	2	0	3	1	4	12	8	0
		15	1017.3	–	17.8	3.2	14.1	70	6.1	1	2	3	23	2	0	0	0	0	0	0	1	3	14	13	0	0	0	11	19	1	1	0	1	2	3	9	12	2
		21	1017.6	–	14.6	1.4	14.1	84	5.6	2	4	3	16	6	0	0	0	0	0	0	1	4	2	17	7	0	0	6	25	0	0	1	4	1	12	4	4	5
Tiree	10	3	1014.9	–	13.5	0.7	14.2	92	6.5	2	2	1	14	12	0	0	0	0	0	0	1	6	9	11	4	0	0	17	13	1	0	0	1	3	6	12	5	3
		9	1015.6	- 3.1	14.9	1.5	14.3	84	5.8	1	4	4	16	6	0	0	0	0	0	0	2	11	12	6	0	0	0	17	14	0	1	0	1	2	9	7	8	3
		15	1016.1	–	15.8	2.0	14.1	79	5.4	1	4	6	16	4	0	0	0	0	0	0	0	4	5	10	12	0	0	0	17	14	0	0	0	0	3	9	6	7	6
		21	1015.9	–	13.5	0.9	13.9	90	5.5	2	4	3	14	8	0	0	0	0	0	0	1	4	9	11	6	0	0	14	16	1	0	1	1	5	8	5	7	3
Dumfries & Galloway																																										
Corsewall Point	15	9	–	–	15.2	1.3	14.9	86	6.5	0	2	6	8	15	0	0	0	0	0	0	0	0	2	23	6	0	0	18	12	1	2	0	0	5	10	5	8	0
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Drungans	16	3	–	–	13.5	0.7	14.2	91	5.7	2	2	7	9	11	0	0	0	0	1	0	1	1	11	16	1	0	0	1	26	4	3	0	0	3	7	11	1	2
		9	–	–	15.7	1.5	14.9	84	6.3	2	1	6	10	12	0	0	0	0	0	2	0	2	11	15	1	0	0	0	26	5	1	0	3	2	2	13	3	2
		15	–	–	19.0	3.5	14.9	68	6.3	1	1	3	17	9	0	0	0	0	0	1	0	0	6	20	4	0	0	2	29	0	0	1	2	2	5	12	5	4
		21	–	–	15.5	1.5	14.9	84	5.6	1	4	9	6	11	0	0	0	0	0	0	1	1	13	13	3	0	0	1	29	1	1	1	0	2	10	8	4	4
Eskdalemuir	237	3	1017.1	–	11.2	0.4	12.8	95	6.0	4	0	5	7	15	0	2	0	1	4	1	5	6	5	5	2	0	0	3	25	3	7	0	1	1	7	8	3	1
		9	1017.4	- 3.9	14.2	1.1	14.2	88	6.2	2	1	4	13	11	0	0	0	0	0	2	4	6	7	9	3	0	0	9	20	2	2	0	1	2	7	11	4	2
		15	1017.4	–	16.9	2.6	14.4	75	6.2	1	4	1	18	7	0	0	0	0	0	0	2	3	4	13	9	0	0	0	10	21	0	0	1	1	2	4	15	5	3
		21	1017.9	–	12.8	0.8	13.5	91	5.1	3	5	4	11	8	0	0	0	0	0	1	2	4	10	6	8	0	0	0	2	29	0	6	0	0	2	10	7	2	4
2 ENGLAND E & NE																																										
Northumberland																																										
Boulmer	27	3	1016.8	–	13.1	1.0	13.4	88	4.6	4	6	4	15	2	0	0	0	0	0	0	4	1	3	13	10	0	0	3	26	2	0	0	2	0	2	7	16	2
		9	1017.4	- 4.1	16.5	2.3	14.4	77	5.4	0	5	8	13	5	0	0	0	0	0	1	1	2	5	10	12	0	0	5	26	0	1	1	0	9	1	8	7	4
		15	1017.1	–	17.8	2.9	14.8	73	5.6	0	5	7	11	8	0	0	0	0	1	0	1	2	6	12	9	0	0	8	23	0	3	0	3	8	5	5	7	0
		21	1017.6	–	14.6	1.2	14.5	87	5.6	1	2	8	17	3	0	0	0	0	0	1	2	5	3	11	9	0	0	0	29	2	0	0	0	0	10	8	9	2
Tyne & Wear																																										
Newcastle Weather Centre (X)	47	3	1017.3	–	14.2	1.7	13.2	81	4.6	4	2	10	14	1	0	0	0	0	1	0	0	3	2	19	6	0	0	1	29	1	1	0	1	1	2	11	14	0
		9	1017.8	–	16.6	2.8	13.6	72	5.5	0	5	7	13	6	0	0	0	0	0	0	1	3	5	12	10	0	0	0	30	1	2	1	0	1	6	7	6	7
		15	1017.3	–	19.4	4.6	13.3	60	5.6	0	5	7	15	4	0	0	0	0	0	0	0	0	7	8	16	0	0	3	28	0	1	2	4	3	3	3	8	7
		21	1017.9	–	16.4	2.6	13.7	74	5.6	1	4	5	15	6	0	0	0	0	1	0	0	4	4	8	14	0	0	0	30	1	0	0	3	2	3	7	13	2
Tynemouth	40	3	1017.1	–	14.2	1.4	13.8	84	4.2	3	5	10	11	2	0	0	0	0	0	0	1	2	3	23	2	0	0	0	9	20	2	0	0	1	1	9	2	15	1
		9	1017.6	- 3.9	16.1	2.2	14.1	77	5.3	2	3	9	9	8	0	0	0	0	0	1	2	2	11	14	1	0	1	10	18	2	2	0	2	3	5	3	13	1
		15	1017.3	–	17.5	2.6	14.9	75	5.8	1	4	3	19	3	1	0	1	0	0	0	1	8	4	16	1	0	2	16	13	0	2	0	3	10	5	1	9	1
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
North Yorkshire																																										
Fylingdales	262	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1018.4	–	15.5	2.3	13.4	76	5.2	2	5	7	7	10	0	0	0	0	0	0	1	2	3	25	0	0	1	13	15	2	1	0	1	1	4	11	5	6
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1018.6	–	13.8	1.2	13.7	86	5.1	5	1	8	5	11	1	0	0	1	0	0	1	0	5	24	0	0	0	10	15	6	0	0	1	2	5	6	8	3
Leeming	37	3	1018.0	–	13.3	1.1	13.3	87	4.7	2	7	9	8	5	0	0	0	0	1	0	1	7	2	15	5	0	0	1	28	2	2	1	0	6	9	1	7	3
		9	1018.4	- 4.3	16.8	2.5	14.4	75	5.1	2	5	4	18	2	0	0	0	0	0	1	1	4	7	9	9	0	0	0	6	24	1	2	1	2	3	12	2	8	0
		15	1017.7	–	21.0	5.0	14.3	58	5.5	1	4	5	17	4	0	0	0	0	0	0	0	2	3	11	15	0	0	0	9	22	0	0	2	0	2	4	7	15	1
		21	1018.4	–	16.2	2.1	14.4	78	5.2	1	6	6	13	5	0	0	0	0	0	0	1	3	3	13	11	0	0	1	28	2	1	1	0	4	5	3	10	5
Humberside																																										
Bridlington M R S C	19	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1018.3	–	17.7	3.1	14.2	70	4.7	4	3	8	13	3	0	0	0	0	1	0	2	3	2	23	0	0	0	1	6	19	5	2	1	1	2	7	4	7	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Easington	20	3	–	–	14.0	1.0	14.3	89	4.0	10	1	8	2	10	0	0	0	0	0	0	1	2	7	21	0	0	0	5	23	3	0	1	2	0	1	5	14	5
		9	–	–	17.4	2.9	14.2	72	4.1	4	6	10	4	7	0	0	0	0	0	0	2	3	9	17	0	0	0	10	20	1	4	3	2	2	4	3	11	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	16.3	1.7	15.4	82	4.3	4	6	6	9	6	0	0	0	0	0	0	0	2	1	9	19	0	0	0	4	25	2	0	3	3	3	6	6	7	1
Lincolnshire																																										
Coningsby	8	3	1018.6	–	13.4	1.0	13.7	88	3.4	8	10	1	7	5	0	0	0	0	0	0	0	1	3	13	14	0	0	0	1	27	3	5	2	1	3	5	3	8	1
		9	1019.4	–	18.1	3.3	14.2	68	5.2	1	6	6	12	6	0	0	0	0	0	0	1	4	7	17	2	0	0	0	7	24	0	4	0	4	1	4	6	8	4
		15	1018.4	–	22.4	6.4	13.2	49	5.3	2	3	7	16	3	0	0	0	0	0	0	0	1	6	17	7	0	0	13	18	0	1	1	4	3	4	3	11	4
		21	1019.0	–	16.9	2.4	14.6	76	4.6	3	6	6	13	3	0	0	0	0	0	0	0	3	5	20	3	0	0	5	23	3	2	2	5	1	4	4	9	1
Waddington	70	3	1018.9	–	13.7	1.1	13.7	87	4.1	7	5	5	9	5	0	0	0	0	0	0	1	1	7	8	14	1	0	0	4	25	2	2	1	1	2	1	12	7	3
		9	1019.6	- 4.9	17.3	3.0	14.0	71	5.2	1	7	4	13	6	0	0	0	0	0	0	0	1	10	15	5	0	0	7	24	0	2	0	3	1	5	11	6	3
		15	1018.6	–	22.1	6.4	12.8	49	5.5	2	1	9	14	5	0	0	0	0	0	0	0	2	2	16	11	0	0	13	18	0	0	2	3	1	4	8	11	2
		21	1019.3	–	16.9	2.6	14.3	74	4.6	3	5	8	12	3	0	0	0	0	0	0	0	3	4	17	7	0	0	7	24	0	1	1	4	4	6	8	5	2

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
3 EAST ANGLIA																																											
Norfolk																																											
Coltishall	19	3	1018.9	–	13.8	0.7	14.7	92	4.0	6	7	5	9	4	0	0	0	0	2	2	4	5	9	8	1	0	0	0	25	6	4	2	0	3	0	8	5	3
		9	1019.7	–	18.8	3.3	14.9	69	4.5	2	8	6	14	1	0	0	0	0	0	0	0	2	10	13	6	0	0	5	26	0	4	0	4	1	2	4	10	6
		15	1019.1	–	21.4	5.4	14.0	56	4.4	1	9	7	12	2	0	0	0	0	0	0	0	2	3	16	10	0	0	10	21	0	3	6	5	1	0	4	9	3
		21	1019.5	–	16.0	1.7	15.1	83	4.1	5	8	3	12	3	0	0	0	0	0	0	1	6	5	16	3	0	0	2	24	5	2	3	1	7	4	2	4	3
Hemsby	14	3	1018.7	–	14.8	0.6	15.8	94	4.3	5	6	5	12	3	0	0	0	0	0	0	6	7	12	6	0	0	0	2	26	3	2	1	3	3	6	6	6	1
		9	1019.6	–	19.0	2.9	16.0	73	4.6	3	7	6	13	2	0	0	0	0	0	0	1	9	9	8	4	0	0	13	18	0	4	2	4	1	4	5	8	3
		15	1019.2	–	20.8	4.0	16.0	66	4.5	2	7	7	14	1	0	0	0	0	0	0	0	3	9	9	10	0	0	14	17	0	4	6	7	2	2	6	4	0
		21	1019.4	–	16.8	1.4	16.4	86	4.4	4	8	3	13	3	0	0	0	0	0	0	0	5	12	13	1	0	0	4	24	3	2	1	4	4	10	3	3	1
Marham	24	3	1019.1	–	13.7	0.8	14.3	91	4.0	9	5	2	9	6	0	0	0	0	0	1	2	8	9	9	2	0	0	3	27	1	3	1	3	4	7	5	3	4
		9	1019.9	+5.0	18.3	3.0	15.1	72	4.6	3	6	6	12	4	0	0	0	0	0	0	0	6	5	13	7	0	0	9	22	0	3	2	3	2	4	6	8	3
		15	1019.0	–	22.4	5.7	14.6	55	5.0	1	6	7	14	3	0	0	0	0	0	0	0	0	2	17	12	0	0	11	20	0	2	2	4	1	3	10	6	3
		21	1019.6	–	17.0	2.2	15.1	78	4.7	5	3	5	13	5	0	0	0	0	0	0	1	8	15	7	0	0	0	6	25	0	1	2	6	7	3	6	4	2
Norwich	15	3	1019.0	–	15.1	0.9	15.5	90	3.8	10	4	3	9	5	0	0	0	0	0	0	3	12	9	7	0	0	0	0	31	0	3	4	1	3	2	6	6	6
Weather Centre (X)		9	1019.8	–	18.6	2.9	15.6	72	4.6	2	7	6	13	3	0	0	0	0	0	0	0	5	13	12	1	0	0	2	29	0	4	2	6	0	2	4	5	8
		15	1019.1	–	21.7	4.8	15.6	60	4.7	2	6	7	13	3	0	0	0	0	0	0	0	1	7	14	9	0	0	0	7	24	0	2	4	7	1	2	3	7	5
		21	1019.5	–	17.6	2.0	16.3	81	3.9	6	4	10	8	3	0	0	0	0	0	0	0	4	9	14	4	0	0	0	0	31	0	0	2	5	8	4	4	4	4
Cambridgeshire																																											
Wyton	43	3	1019.2	–	13.9	1.0	14.3	89	3.8	7	6	6	8	4	0	0	0	0	0	0	0	2	3	16	9	1	0	0	1	30	0	3	4	0	3	3	7	7	4
		9	1020.1	+5.0	17.8	3.0	14.5	71	5.0	2	6	5	16	2	0	0	0	0	0	1	0	8	4	11	7	0	0	7	23	1	6	3	1	0	1	11	6	2
		15	1018.9	–	22.7	6.5	13.3	49	5.4	2	3	6	17	3	0	0	0	0	0	0	0	2	4	14	11	0	0	9	22	0	1	3	4	1	4	6	8	4
		21	1019.6	–	17.5	3.0	14.3	71	4.5	3	7	7	11	3	0	0	0	0	0	0	0	2	6	16	7	0	0	3	28	0	4	2	4	1	2	9	7	2
Suffolk																																											
Honington	51	3	1019.2	–	13.9	0.8	14.7	91	4.2	6	6	4	10	5	0	0	0	0	0	1	5	9	9	7	0	0	0	0	28	3	0	5	1	1	5	5	9	2
		9	1020.0	+5.1	18.4	3.3	14.6	69	4.5	2	8	6	12	3	0	0	0	0	0	1	1	8	8	7	6	0	0	3	28	0	5	4	2	1	3	5	10	1
		15	1019.1	–	22.3	6.3	13.2	50	4.8	1	6	9	15	0	0	0	0	0	0	0	0	0	4	19	8	0	0	9	22	0	3	2	4	1	3	6	9	3
		21	1019.7	–	16.8	2.3	14.7	77	4.4	3	8	5	12	3	0	0	0	0	0	0	0	1	14	12	4	0	0	2	28	1	1	4	5	3	5	6	6	0
Wattisham	91	3	1019.2	–	13.5	0.6	14.6	93	4.3	7	5	4	9	6	0	0	0	0	0	1	3	3	11	6	7	0	0	0	2	27	2	1	4	2	1	3	7	10	1
		9	1019.9	–	18.3	3.0	15.1	71	4.6	3	7	5	12	4	0	0	0	0	0	0	2	4	10	10	5	0	0	8	22	1	4	2	5	0	4	3	10	2
		15	1019.0	–	21.9	5.7	14.0	54	5.0	1	4	10	13	3	0	0	0	0	0	0	0	1	9	17	4	0	0	14	17	0	1	3	3	3	3	4	12	2
		21	1019.7	–	16.1	1.7	15.1	82	4.4	4	7	6	11	3	0	0	0	0	0	0	1	6	11	13	0	0	0	4	27	0	0	5	5	3	6	7	5	0
Essex																																											
Stansted	102	3	1019.3	–	14.1	0.9	14.6	90	4.0	6	6	6	11	2	0	0	0	1	0	1	4	11	4	10	0	0	0	2	29	0	1	3	4	1	3	4	9	6
		9	1019.9	+4.6	18.1	3.4	14.1	67	4.9	2	6	5	18	0	0	0	0	0	0	0	0	8	9	12	2	0	0	7	23	1	7	0	5	1	2	4	7	4
		15	1018.9	–	22.5	6.3	13.5	50	5.3	1	4	8	17	1	0	0	0	0	0	0	0	5	3	16	7	0	0	12	19	0	1	3	5	0	4	7	10	1
		21	1019.6	–	16.9	2.5	14.5	75	4.6	2	7	7	13	2	0	0	0	0	0	0	2	4	9	15	1	0	0	4	27	0	0	1	7	2	3	6	9	3
4 MIDLAND COUNTIES																																											
West Yorkshire																																											
Leeds	60	3	1018.3	–	14.1	1.4	13.7	84	4.6	3	9	2	13	4	0	0	0	0	0	1	1	5	7	13	4	0	0	2	28	1	1	2	3	0	3	2	9	10
Weather Centre (X)		9	1018.7	–	17.4	2.9	14.2	72	5.1	2	5	8	12	4	0	0	0	0	0	0	0	8	8	11	4	0	0	9	22	0	2	0	2	3	5	1	13	5
		15	1018.0	–	21.2	5.3	13.8	56	5.3	1	4	9	10	7	0	0	0	0	0	0	0	1	6	11	13	0	1	15	15	0	1	0	4	0	3	2	18	3
		21	1018.7	–	17.1	2.6	14.5	74	4.4	2	9	7	9	4	0	0	0	0	0	0	0	5	10	9	7	0	0	5	26	0	1	0	5	0	1	4	12	8
Wilsden	267	3	1018.7	–	12.2	0.9	12.9	90	3.9	2	12	6	6	5	0	0	0	0	0	2	0	3	3	20	3	0	0	0	2	23	6	1	2	1	1	4	3	13	0
		9	1018.8	–	15.2	2.1	13.5	78	5.4	1	5	7	10	8	0	0	0	0	0	1	4	7	6	13	0	0	0	0	5	25	1	1	1	2	2	3	7	12	2
		15	1018.2	–	18.8	4.0	13.7	64	5.2	3	4	7	11	6	0	0	0	0	0	0	1	4	5	14	7	0	0	8	21	2	1	0	3	0	3	7	14	1
		21	1019.1	–	14.1	1.4	13.7	84	4.2	2	9	7	6	7	0	0	0	0	0	0	0	6	15	10	0	0	0	4	21	6	0	0	4	0	1	5	15	0
South Yorkshire																																											
Finningley	15	3	1018.5	–	13.0	1.0	13.4	89	4.5	5	4	6	13	3	0	0	0	0	0	1	0	1	8	5	13	3	0	0	1	24	6	0	2	1	2	7	4	6	3
		9	1019.0	+4.6	18.0	3.5	13.7	66	4.6	2	7	7	12	3	0	0	0	0	0	0	0	2	9	14	6	0	0	8	22	1	4	0	1	1	9	5	7	3
		15	1018.1	–	22.0	6.2	13.1	51	5.1	2	4	5	17	3	0	0	0	0	0	0	0	0	8	11	12	0	0	16	15	0	2	0	4	0	5	7	10	3
		21	1018.8	–	16.3	2.4	14.2	76	4.1	4	7	7	10	3	0	0	0	0	0	0	0	3	6	14	8	0	0	6	22	3	0	2	2	2	5	3	12	2
Nottinghamshire																																											
Nottingham	119	3	1019.3	–	13.2	0.9	13.7	89	3.9	8	4	5	12	2	0	0	0	0	0	0	0	2	7	7	15	0	0	0	0	30	1	1	3	0	2	2	10	8	4
Weather Centre (X)		9	1019.8	+5.1	16.7	2.6	14.1	74	4.9	0	9	5	13	4	0	0	0	0	0	0	1	8	3	13	6	0	0	4	27	0	1	4	1	0	3	9	9	4
		15	1018.8	–	21.4	5.5	13.8	55	4.8	1	9	4	14	3	0	0	0	0	0	0	0	2	3	12	14	0	0	11	20	0	1	2	2	1	3	6	15	1
		21	1019.6	–	16.5	2.4	14.2	75	4.4	2	6	9	13	1	0	0	0	0	0	0	0	3	7	17	4	0	0	3	28	0	1	1	4	1	1	8	6	9
Staffordshire																																											
Cellarhead	228	3	1019.3	–	12.1	0.7	13.1	92	4.4	5	4	8	7	7	0	0	0	1	0	0	2	5	23	0	0	0	0	1	22	8	1	0	4	2	2	4	8	2
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shropshire																																											
Shawbury	76	3	1019.2	–	12.6	1.0	13.0	88	4.5	3	8	5	12	3	0	0	0	0	0	2	0	2	5	3	19	0	0	0	2	21	8	1	1	2	4	2	4	9	0
		9	1019.6	+4.8	16.7	2.5	14.2	74	5.5	0	8	1	16	6	0	0	0	1	0	0	1	3	6	15	5	0	0	8	23	0	0	0	2	3	9	4	9	4
		15	1018.9	–	20.5	4.9	14.0	59	5.8	0	4	6	17	4	0	0	0	0	0	0	0	1	7	12	11	0	0	9	22	0	3	0	4	0	3	5	13	3
		21	1019.7	–	15.4	2.0	13.9	79	4.4	3	8	5	14	1	0	0	0	0	0	0	1	3	5	19	3	0	0	2	26	3	2	0	4	0	2	5	6	9
West Midlands																																											
Elmdon	99	3	1019.3	–	13.2	1.0	13.6	89	4.4	3	8	5	13	2	0	0	0	0	0	1	1	6	15	8	0	0	0	1	27	3	3	1	1	1	4	10	5	3
		9	1019.9	+4.9	16.9	2.6	14.3	74	5.4	1	6	3	15	6	0	0	0	0	0	0	1	5	11	13	1	0	0	3	28	0	4	3	2	1	7	6	3	5
		15	1018.8	–	21.4	5.5	13.8	55	5.6	1	2	7	19	2	0	0	0	0	0	0	0	0	1	9	10	11	0	0	7	23	1	1	3	3	1	3	9	7	3
		21	1019.6	–	16.5	2.4	14.2	76	4.3	3	10	1	17	0	0	0	0	0	0	0	0	6	11	12	2	0	0	2	28	1	4	2	3	1	3	9	5	3
Hereford & Worcester																																											
Great Malvern	46	9	1019.9	–	18.5	2.7	15.8	74	5.0	1	8	5	11	6	0	0	0	0	0	0	1	1	0	8	21	0	0	0	1	30	0	3	4	3	6	4	4	5	2
		15	1019.0	–	23.0	5.2	16.3	59	4.8	2	5	8	12	4	0	0	0	0	0	0	0	0	1	2	26	2	0	0	0	6	25	0	2	3	3	0	6	9	7	1
		21	1019.6	–	17.1	2.2	15.2	78	4.1	3	10	6	7	5	0	0	0	0	0	0	0	1	10	20	0	0	0	0	1	30	0	0	1	2	3	7	6	8	4

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
4 MIDLAND COUNTIES - Continued																																											
Hereford & Worcester - Continued																																											
Madley	79	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1019.9	—	15.7	1.6	15.0	83	4.1	9	4	5	4	9	0	—	—	—	—	—	—	—	—	—	—	0	0	1	10	20	0	0	0	1	2	4	1	3
Oxfordshire																																										
Brize Norton	92	3	1019.5	—	13.7	1.0	14.0	88	4.5	4	8	3	9	7	0	0	0	1	1	0	1	10	10	8	0	0	0	1	27	3	3	3	0	0	4	7	11	0
		9	1020.2	—	17.1	2.5	14.7	75	5.3	1	4	7	14	5	0	0	0	0	0	0	1	3	10	17	0	0	0	2	29	0	4	4	4	1	2	6	7	3
		15	1019.1	—	21.9	5.7	14.1	54	4.8	1	6	9	12	3	0	0	0	0	0	0	0	1	3	21	6	0	0	7	24	0	3	1	3	2	2	9	8	3
		21	1019.8	—	17.1	2.6	14.7	75	4.3	1	11	4	13	2	0	0	0	0	0	0	0	2	8	16	5	0	0	0	30	1	4	3	3	0	2	10	5	3
5 ENGLAND SE & CENT. S																																										
Greater London																																										
Heathrow	26	3	1019.3	—	15.5	1.2	15.4	87	4.4	5	7	2	13	4	0	0	0	0	0	0	0	10	10	11	0	0	0	0	29	2	2	3	0	1	1	9	10	3
		9	1020.1	+4.6	18.5	2.7	15.9	74	4.8	3	5	5	17	1	0	0	0	0	0	0	0	7	8	12	4	0	0	1	29	1	4	4	1	0	7	5	7	2
		15	1019.0	—	23.3	5.9	15.1	54	5.1	2	4	8	16	1	0	0	0	0	0	0	0	1	1	18	11	0	0	9	22	0	2	1	4	2	3	9	7	3
		21	1019.7	—	18.7	2.8	15.8	74	4.4	2	8	6	14	1	0	0	0	0	0	0	0	2	7	19	3	0	0	0	29	2	3	3	3	0	3	9	7	1
London	24	3	1019.2	—	16.8	1.9	15.5	81	3.8	10	3	4	12	2	0	0	0	0	0	0	0	6	10	15	0	0	0	3	27	1	0	5	2	0	1	7	10	5
Weather Centre (X)		9	1020.0	—	19.0	3.2	15.5	70	4.6	3	6	6	14	2	0	0	0	0	0	0	0	9	7	14	1	0	0	6	25	0	3	3	5	0	6	4	7	3
		15	1019.0	—	23.1	5.9	14.9	53	5.1	3	2	10	12	4	0	0	0	0	0	0	0	2	3	17	9	0	0	12	19	0	4	1	4	0	5	6	8	3
		21	1019.6	—	19.4	3.2	15.9	70	3.9	4	8	8	10	1	0	0	0	0	0	0	1	1	10	15	4	0	0	6	25	0	3	3	6	1	0	6	8	4
Wiltshire																																										
Lyneham	149	3	1019.8	—	13.5	0.7	14.3	92	4.5	4	6	6	9	6	0	0	0	0	1	1	3	13	6	7	0	0	0	4	25	2	4	3	1	0	6	8	7	0
		9	1020.4	+4.9	16.6	1.9	15.3	81	5.3	1	3	9	11	7	0	0	0	0	0	1	1	7	7	13	2	0	0	7	24	0	5	4	1	3	5	7	4	2
		15	1019.4	—	21.1	4.9	14.5	59	4.9	1	6	8	13	3	0	0	0	0	0	0	0	2	6	14	9	0	0	13	18	0	3	0	4	0	3	6	12	3
		21	1020.1	—	16.4	2.2	14.6	78	4.6	1	10	4	11	5	0	0	0	0	0	0	0	5	10	12	4	0	0	2	29	0	2	1	5	0	6	8	8	1
Berkshire																																										
Easthampstead	75	9	1020.4	—	17.5	2.2	15.7	78	4.8	2	7	4	16	2	0	0	0	0	0	0	0	8	11	11	1	0	0	0	31	0	3	2	4	1	2	4	10	5
		15	1019.2	—	22.3	5.2	15.4	58	4.8	3	7	4	14	3	0	0	0	0	0	0	0	1	0	20	10	0	0	0	31	0	3	2	3	0	3	5	12	3
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kent																																										
Langdon Bay	121	3	1019.6	—	15.0	0.8	15.6	91	3.6	11	3	5	4	6	2	1	0	1	1	0	0	7	7	14	0	0	0	11	17	3	2	2	3	1	0	7	8	5
		9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	1020.0	—	18.7	2.4	16.6	77	3.5	3	4	19	4	1	0	0	0	0	0	0	2	5	13	11	0	0	2	15	13	1	0	6	2	0	8	14	0	0
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manston	45	3	1019.5	—	14.9	0.9	15.4	90	3.8	6	9	2	11	2	1	0	0	1	0	0	1	13	8	7	1	0	0	2	28	1	1	3	2	2	3	10	6	3
		9	1020.4	—	19.0	2.8	16.2	74	4.5	1	8	7	11	4	0	0	0	0	0	0	0	6	11	12	2	0	0	6	25	0	2	2	3	1	4	6	6	7
		15	1019.7	—	21.6	4.4	16.2	63	3.9	2	9	9	11	0	0	0	0	0	0	0	0	2	8	19	2	0	1	12	18	0	1	8	3	6	3	7	2	1
		21	1020.0	—	16.8	1.5	16.2	85	4.1	3	9	7	9	3	0	0	0	0	0	0	0	8	8	14	1	0	0	7	24	0	1	6	3	2	5	12	1	1
Ulcombe	47	9	1020.5	—	18.9	2.7	16.2	75	4.6	4	4	7	14	2	0	0	0	0	0	0	0	27	4	0	0	0	0	2	27	2	0	3	4	4	3	4	9	2
		21	1020.1	—	15.9	1.1	16.0	88	4.1	6	3	9	11	2	0	0	0	0	0	0	0	26	5	0	0	0	0	0	17	14	0	2	5	1	1	2	5	1
Hampshire																																										
Solent	9	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
M R S C		9	1020.8	—	18.3	2.5	16.0	76	4.4	3	6	8	10	4	0	0	0	0	0	0	0	3	13	15	0	0	1	8	17	5	4	3	1	1	2	4	9	2
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1020.3	—	18.1	2.0	16.7	80	3.5	6	6	9	8	2	0	0	0	0	0	0	0	1	11	19	0	0	0	12	16	3	1	4	2	0	1	5	12	3
Southampton	9	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Weather Centre (X)		9	1020.7	—	18.5	2.8	15.7	74	4.3	2	10	5	9	5	0	0	0	0	0	0	2	4	8	17	0	0	0	1	30	0	5	2	3	0	4	4	11	2
		15	1019.9	—	22.3	4.7	16.5	62	3.9	1	11	9	6	4	0	0	0	0	0	0	0	3	4	18	6	0	0	2	29	0	0	3	1	4	3	11	7	2
		21	1020.3	—	18.1	2.4	16.1	77	3.2	4	11	9	5	2	0	0	0	0	0	0	0	2	8	18	3	0	0	0	31	0	0	2	4	0	3	4	15	3
Isle of Wight																																										
St Catherine's Point	16	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wellow	25	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1020.4	—	15.8	1.2	15.8	88	3.4	8	7	6	8	2	0	0	0	0	0	0	1	3	4	6	17	0	0	1	3	25	2	0	1	2	1	0	6	17	2
West Sussex																																										
Gatwick	64	3	1019.8	—	13.7	0.7	14.5	92	4.5	4	9	0	11	6	1	0	0	4	0	1	3	10	8	5	0	0	0	0	25	6	3	0	1	1	5	8	7	0
		9	1020.5	+4.8	18.1	2.5	15.9	76	4.7	3	4	9	12	3	0	0	0	0	0	0	0	10	11	9	1	0	0	3	25	3	1	3	4	1	5	4	7	3
		15	1019.6	—	22.3	5.1	15.6	59	4.5	2	4	13	11	1	0	0	0	0	0	1	0	2	7	12	9	0	0	6	25	0	3	1	4	1	3	10	7	2
		21	1020.2	—	16.8	1.8	15.6	82	4.2	2	8	9	11	1	0	0	0	0	0	0	1	4	13	13	0	0	0	0	29	2	1	1	3	0	6	13	3	2
East Sussex																																										
Herstmonceux	25	3	1020.0	—	14.1	0.7	15.0	92	4.4	9	3	2	9	7	1	0	0	1	1	0	2	4	10	12	1	0	0	1	25	5	4	3	2	0	1	3	9	2
		9	1020.6	—	18.5	2.4	16.5	78	5.0	2	5	7	15	2	0	0	0	0	0	0	0	4	14	11	2	0	0	2	29	0	3	1	5	2	3	6	9	2
		15	1020.2	—	21.0	4.2	16.0	64	4.2	3	6	11	11	0	0	0	0	0	0	0	0	1	2	22	6	0	1	14	16	0	1	3	1	3	2	11	10	0
		21	1020.4	—	15.6	1.1	15.7	89	3.8	5	9	5	8	4	0	0	0	0	0	0	0	2	14	11	4	0	0	3	28	0	2	7	0	1	1	4	12	4
7A ENGLAND NW & I.o.M.																																										
Cumbria																																										
Aspatria	64	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Eskmeals	9	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
7A ENGLAND NW & I.o.M. - Continued																																											
Lancashire																																										
Aughton	56	3	1018.5	–	13.9	1.1	14.1	88	4.8	1	7	9	7	7	0	0	0	0	0	0	1	1	5	13	11	0	0	2	29	0	1	1	4	10	4	2	6	3
		9	1018.9	–	16.4	1.9	15.0	80	5.9	1	2	6	15	7	0	0	0	0	0	0	2	4	4	13	8	0	0	3	27	1	1	0	1	6	8	3	9	2
		15	1018.6	–	19.2	3.4	15.3	70	5.5	0	3	12	9	7	0	0	0	0	0	0	4	3	3	21	0	0	0	6	25	0	0	0	0	2	4	3	16	6
		21	1019.1	–	15.6	1.6	14.9	84	4.6	1	10	4	13	3	0	0	0	0	0	0	0	2	1	14	14	0	0	4	24	3	3	2	4	1	3	3	8	4
Squires Gate	11	9	1018.7	+4.5	16.7	2.0	15.1	80	6.1	2	1	4	18	6	0	0	0	0	0	0	0	2	5	6	12	6	0	2	15	14	0	0	1	2	6	8	3	8	3
		15	1018.5	–	19.0	3.1	15.7	72	5.4	1	6	5	14	5	0	0	0	0	0	0	1	3	3	14	10	0	0	20	11	0	0	0	1	3	1	5	16	5
Merseyside																																										
Crosby	9	3	1018.1	–	15.3	1.6	14.5	83	4.6	5	5	6	5	10	0	0	0	0	0	0	0	1	4	23	3	0	2	8	19	2	1	0	2	6	6	3	7	4
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1018.8	–	16.6	2.0	15.1	80	4.9	2	7	6	5	11	0	0	0	0	0	0	0	1	5	21	4	0	1	10	14	6	2	1	3	1	2	5	6	5
Greater Manchester																																										
Ringway	84	3	1018.8	–	13.1	1.1	13.3	88	4.7	1	8	5	15	1	1	0	0	1	0	0	1	6	12	11	0	0	0	1	28	2	0	0	5	2	12	3	5	2
		9	1019.2	+4.8	16.4	2.4	14.1	76	5.4	1	5	7	13	5	0	0	0	0	1	0	2	2	9	16	1	0	0	7	24	0	2	0	2	1	8	11	4	3
		15	1018.6	–	20.5	4.8	14.1	59	5.3	1	3	11	13	3	0	0	0	0	0	0	1	11	10	9	0	0	0	6	25	0	2	0	2	1	5	7	11	3
		21	1019.2	–	16.1	2.1	14.3	78	4.2	3	9	4	11	4	0	0	0	0	0	0	0	4	11	13	3	0	0	3	28	0	1	0	3	3	5	6	8	5
Isle of Man																																										
Calf of Man	93	3	–	–	–	–	–	–	5.3	1	6	6	6	11	1	0	0	1	0	0	0	2	6	13	9	0	0	11	18	2	1	2	1	2	15	2	6	0
		9	–	–	–	–	–	–	6.0	1	0	9	11	7	3	1	0	0	2	0	0	3	8	8	9	0	2	11	18	0	1	1	1	2	11	4	9	2
		15	–	–	–	–	–	–	5.9	1	2	7	8	11	2	1	0	1	0	0	0	1	7	12	9	0	0	13	17	1	4	0	1	2	12	3	8	0
		21	–	–	–	–	–	–	5.1	2	5	7	9	8	0	0	0	0	0	0	0	1	5	12	13	0	0	12	19	0	4	1	1	2	12	5	5	1
Point of Ayre	11	3	1017.2	–	14.3	1.0	14.6	89	4.9	3	7	3	7	11	0	0	0	0	1	0	0	0	1	15	14	0	0	11	12	8	0	0	1	5	4	4	6	3
		9	1017.6	+3.9	16.3	1.5	15.7	85	6.2	1	0	8	12	9	1	0	0	1	0	0	0	4	3	20	3	0	1	12	17	1	0	0	3	4	3	6	13	1
		15	1017.7	–	18.4	2.8	15.5	74	5.7	2	3	5	11	10	0	0	0	0	0	0	0	1	3	20	7	0	1	16	11	3	1	1	0	7	2	7	8	2
		21	1018.1	–	15.1	1.3	14.8	86	5.0	3	4	7	11	6	0	0	0	0	0	0	0	1	3	21	6	0	1	8	16	6	0	1	1	2	4	6	7	4
Ronaldsway	21	3	1017.5	–	13.7	0.8	14.4	91	5.6	1	6	4	11	9	0	0	0	0	0	1	0	7	7	9	7	0	0	9	17	5	2	2	2	2	5	4	6	3
		9	1017.9	+4.0	15.6	1.3	15.2	86	6.0	2	4	1	17	6	1	0	0	0	1	0	3	7	5	7	8	0	1	12	17	1	0	2	4	0	8	8	6	2
		15	1018.0	–	16.7	2.2	14.8	78	5.5	2	5	5	15	4	0	0	0	0	0	0	2	6	6	10	7	0	0	13	18	0	1	2	4	1	9	9	2	3
		21	1018.4	–	14.7	1.3	14.4	86	4.9	3	5	5	16	2	0	0	0	0	0	0	0	4	10	8	9	0	0	9	19	3	4	3	2	2	3	3	9	2
7B WALES N																																										
Gwynedd																																										
Nantmor	52	9	–	–	16.5	1.7	15.5	83	6.6	1	1	3	13	13	0	0	0	0	0	0	3	3	9	0	16	0	0	0	18	13	0	0	1	0	15	0	1	1
		21	–	–	15.1	1.4	14.7	86	4.9	4	3	8	6	10	0	0	0	0	0	0	2	3	15	0	11	0	0	0	12	19	5	1	0	0	6	0	0	0
Valley	11	3	1018.3	–	14.3	0.9	14.8	91	5.6	1	5	4	12	9	0	0	0	0	0	0	1	5	2	11	12	0	2	9	15	5	1	2	2	1	12	3	4	1
		9	1018.7	+4.3	16.5	1.4	16.1	86	6.0	2	1	6	14	8	0	0	0	0	0	0	1	8	3	9	10	0	1	12	17	1	1	1	1	0	14	8	4	1
		15	1018.8	–	18.3	2.7	15.6	76	5.1	2	6	5	10	8	0	0	0	0	0	1	0	8	1	11	10	0	0	14	17	0	1	1	0	0	9	13	4	3
		21	1019.2	–	15.3	1.3	15.1	87	4.4	3	8	4	14	2	0	0	0	0	0	0	0	6	2	10	13	0	0	7	21	3	2	3	3	0	11	4	3	2
Clwyd																																										
Moel-y-Crio	263	9	1019.1	–	15.5	1.5	14.8	84	6.0	1	2	5	16	7	0	0	0	0	0	1	0	4	5	12	9	0	0	13	15	3	1	0	0	1	9	6	6	5
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1019.8	–	13.8	1.1	13.9	88	4.3	2	9	6	9	5	0	0	0	1	0	0	1	3	7	9	10	0	0	11	18	2	3	1	0	3	4	6	6	6
8A WALES S																																										
Dyfed																																										
Aberporth	134	3	1018.6	–	13.9	0.8	14.5	91	4.7	2	8	6	7	8	0	0	0	0	0	0	2	6	10	7	6	0	2	15	13	1	3	0	1	2	13	4	3	4
		9	1019.2	+4.3	16.4	1.7	15.5	83	5.5	1	3	8	12	7	0	0	0	0	0	0	1	4	10	11	5	0	0	17	14	0	1	0	1	4	8	9	4	4
		15	1019.2	–	18.0	2.6	15.5	76	5.5	1	5	4	17	4	0	0	0	0	0	0	0	4	3	12	12	0	2	12	17	0	1	2	3	1	4	5	9	6
		21	1019.5	–	15.1	1.3	14.8	86	5.2	2	5	5	12	7	0	0	0	0	0	0	3	3	10	6	9	0	3	10	16	2	1	0	5	2	7	7	4	3
Brawdy	116	3	1019.0	–	13.3	0.4	14.7	95	5.1	3	8	0	11	9	0	0	1	1	3	0	0	6	8	8	4	0	1	9	21	0	2	4	3	2	9	4	5	2
		9	1019.5	–	15.9	1.4	15.4	85	5.5	2	3	8	11	7	0	0	1	2	2	1	1	3	6	11	4	0	0	15	16	0	2	2	4	4	4	11	1	3
		15	1019.5	–	17.5	2.4	15.3	77	5.4	2	5	3	15	6	0	0	0	0	1	1	1	5	1	14	8	0	0	17	14	0	4	1	1	4	3	12	5	1
		21	1019.8	–	14.5	0.9	15.0	91	5.3	1	6	4	15	5	0	0	0	1	1	1	1	4	11	5	7	0	1	7	22	1	3	5	1	2	3	9	4	3
Milford Haven	39	3	1019.0	–	14.8	0.7	15.6	92	4.4	8	4	4	3	12	0	0	0	0	0	3	1	4	9	14	0	0	0	1	6	20	4	3	3	2	0	8	4	5	2
		9	1019.5	+4.2	16.3	1.4	15.9	86	5.3	2	4	9	5	9	2	0	0	1	1	0	1	8	6	14	0	0	0	1	9	19	2	1	2	5	3	4	7	5	2
		15	1019.7	–	18.3	2.3	16.4	78	5.3	2	3	9	8	9	0	0	0	0	0	0	0	4	8	19	0	0	0	1	13	17	0	1	0	6	0	4	14	4	2
		21	1019.8	–	15.8	1.2	15.7	88	5.4	2	5	6	4	14	0	0	0	0	0	1	0	5	10	15	0	0	0	2	6	23	0	8	2	2	1	3	6	6	3
West Glamorgan																																										
Mumbles Head	32	3	1019.4	–	15.3	1.0	15.6	89	4.8	4	6	4	7	10	0	0	0	0	0	1	0	1	18	11	0	0	0	1	11	18	1	7	2	3	0	7	1	7	3
		9	1020.0	+4.9	17.0	1.5	16.4	85	5.2	3	3	7	7	11	0	0	0	0	0	0	2	10	9	10	0	1	0	9	16	5	3	1	5	2	1	6	6	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1020.1	–	16.5	1.5	16.0	85	5.1	1	8	5	6	11	0	0	0	0	0	0	0	2	3	12	14	0	0	2	9	18	2	4	2	2	1	3	3	11	3
Mid Glamorgan																																										
Cwmbargoed	372	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
South Glamorgan																																										
Rhoose	74	3	1019.6	–	14.1	0.8	14.7	91	4.6	4	8	2	11	6	0	0	0	0	1	0	1	11	4	12	2	0	0	6	22	3	6	4	2	2	2	1	9	2
		9	1020.2	+4.7	16.9	2.0	15.5	80	5.4	3	3	4	18	3	0	0	0	0	0	0	0	6	9	12	4	0	1	8	22	0	2	4	5	3	0	6	9	2
		15	1019.7	–	19.6	3.5	15.6	70	5.4	1	7	3	13	7	0	0	0	0	0	0	1	2	6	12	10	0	1	17	13	0	0	3	1	2	3	2	19	1
		21	1020.1	–	15.9	1.5	15.3	85	5.1	1	7	5	12	6	0	0	0	0	0	0	3	1	11	12	4	0	0	8	23	0	2	3	2	0	3	1	17	3
8B ENGLAND SW																																										
Avon																																										
Bristol	40	3	1019.7	–	15.5	1.6	14.7	83	4.5	6	3	6	11	4	1	0	0	0	1	0	0	10	7	12	1	0	0	1	22	8	2	2	4	0	4	4	7	0
Weather Centre	(X)	9	1020.3	+4.7	17.5	2.9	14.5	72	4.6	2	9	5	11	4	0	0	0	0	0	0	1	5	10	13	2	0	0	3	24	4	2	4	3	1	3	4	10	0
		15	1019.5	–	21.4	5.3	14.1	57	4.5	1	8	10	6	6	0	0	0	0	0	0	0	0	7	15	9	0	0	7	24	0	2	1	3	1	3	3	14	4
		21	1020.0	–	17.9	2.8	15.0	73	4.3	4	7	5	10	5	0	0	0	0	0	0	1	3	10	11	6	0	0	1	28	2	1	3	3	1	3	7	10	1

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount (Oktas): Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility (Number of observations): 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
8B ENGLAND SW - Continued																																											
Somerset																																											
Tivington	83	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	1020.6	—	17.0	1.9	15.7	81	5.0	1	7	6	13	4	0	0	0	0	0	0	2	9	7	9	4	0	0	1	30	0	1	1	5	0	5	7	6	6
		15	1020.2	—	19.7	3.6	15.6	69	4.8	2	6	7	13	3	0	0	0	0	0	0	1	6	9	8	7	0	0	4	27	0	1	0	1	6	2	3	7	11
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yeovilton	23	3	1019.5	—	13.7	0.9	14.2	90	4.0	6	4	9	5	5	2	1	0	1	1	0	1	6	9	12	0	0	0	0	21	10	1	1	2	1	4	2	9	1
		9	1020.2	—	17.4	2.3	15.5	78	5.1	1	7	5	10	7	1	0	0	0	1	0	2	10	6	12	0	0	0	3	23	5	2	3	2	0	5	2	10	2
		15	1019.3	—	21.5	5.1	14.7	59	4.6	1	9	9	5	7	0	0	0	0	0	0	0	3	5	18	5	0	0	0	11	19	1	3	2	4	1	3	6	4	7
		21	1020.0	—	16.8	2.1	15.1	79	4.2	2	8	10	7	4	0	0	0	0	0	0	0	3	11	17	0	0	0	0	0	27	4	4	1	2	1	4	4	6	5
Dorset																																											
Hurn	11	3	1020.0	—	13.3	0.7	14.1	92	3.9	6	7	6	6	6	0	0	0	0	2	0	0	6	9	14	0	0	0	1	27	3	3	2	0	0	4	5	9	5
		9	1020.7	+ 4.4	17.9	2.6	15.3	74	4.5	1	11	2	14	3	0	0	0	0	0	0	1	6	7	15	2	0	1	4	26	0	5	5	1	2	4	8	3	3
		15	1020.0	—	21.5	4.9	15.1	60	4.2	2	11	5	9	4	0	0	0	0	0	0	0	2	6	15	8	0	0	9	22	0	1	1	3	1	8	12	2	3
		21	1020.4	—	16.0	1.7	15.0	83	3.8	4	9	6	11	1	0	0	0	0	0	0	0	2	6	23	0	0	0	2	28	1	0	3	3	0	3	9	9	3
Portland	54	9	1020.5	—	17.0	1.9	15.7	81	4.7	2	6	9	7	5	2	1	0	1	0	0	1	4	11	13	0	0	0	1	12	18	0	3	3	5	1	4	2	13	0
Bill C G		15	1020.2	—	18.5	2.5	16.2	76	4.6	3	4	9	9	5	1	0	0	0	1	0	0	4	12	14	0	0	0	0	18	13	0	0	0	5	3	2	15	5	1
Devon																																											
Lundy	43	3	—	—	15.6	0.9	16.1	91	5.4	0	2	15	3	9	2	1	1	0	1	0	1	1	9	9	8	1	2	7	19	2	6	1	3	2	4	1	10	2
		9	—	—	16.1	0.9	16.6	91	5.7	2	1	10	8	8	2	1	1	1	0	0	0	6	8	9	5	1	3	8	19	0	7	5	0	1	5	5	7	1
		15	—	—	17.5	1.4	17.1	86	5.8	1	2	8	12	8	0	0	0	0	0	0	0	1	14	12	4	1	3	9	18	0	5	3	2	0	4	5	12	0
		21	—	—	16.4	1.0	16.8	90	5.4	1	4	8	7	10	1	0	0	1	1	1	0	2	4	17	5	1	3	9	15	3	6	0	2	1	4	4	10	1
Mount Batten	28	3	1020.0	—	14.1	0.7	15.0	93	4.2	5	8	4	7	7	0	0	0	0	1	1	2	6	8	13	0	0	1	5	14	11	3	0	5	0	4	2	4	2
		9	1020.6	+ 4.6	16.7	1.5	16.1	85	4.7	2	9	3	12	5	0	0	0	0	1	2	2	4	9	11	2	0	0	8	17	6	2	0	6	1	5	7	4	0
		15	1020.5	—	18.9	3.1	15.6	73	4.9	1	8	4	15	3	0	0	0	0	0	2	0	6	1	14	8	0	0	0	12	19	0	1	0	6	2	2	16	1	3
		21	1020.7	—	15.8	1.4	15.4	86	4.3	2	10	4	11	4	0	0	0	0	0	1	1	5	5	18	1	0	0	3	24	4	4	2	3	2	3	2	6	5
Cornwall																																											
Camborne	88	3	1019.9	—	14.1	0.6	15.1	93	4.5	5	8	3	5	10	0	0	0	0	5	2	1	6	5	11	1	0	3	4	23	1	3	1	4	1	12	4	2	3
		9	1020.4	—	16.7	1.5	16.2	85	5.5	2	1	10	11	7	0	0	0	0	0	3	3	5	7	11	2	0	0	13	18	0	5	0	6	1	4	7	6	2
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Culdrose	84	3	1019.8	—	14.5	0.6	15.4	93	5.2	2	8	3	4	13	1	1	1	3	0	0	1	5	11	9	0	0	1	8	17	5	3	1	6	1	3	5	4	3
		9	1020.3	—	16.5	1.1	16.6	88	5.8	1	5	3	13	9	0	0	2	1	2	1	1	5	8	11	0	0	2	13	16	0	4	1	7	1	4	6	8	0
		15	1020.3	—	18.2	2.2	16.4	79	5.2	2	3	10	8	8	0	0	0	2	0	0	0	5	8	15	1	0	3	11	17	0	2	0	7	1	1	9	10	1
		21	1020.6	—	15.5	0.9	16.0	91	4.5	1	6	13	5	6	0	0	0	1	2	1	0	1	3	10	12	1	0	1	7	22	1	2	4	4	0	5	3	7	5
Gwennap Head	70	3	1019.7	—	15.4	0.9	15.8	90	5.2	5	2	5	7	9	3	2	2	0	0	0	1	4	3	12	7	0	5	11	14	1	4	3	2	2	3	9	5	2
		9	1020.3	—	16.4	1.3	16.1	87	6.0	2	1	6	10	9	3	2	2	2	0	0	0	5	5	10	5	0	1	17	10	3	2	5	5	1	1	9	3	2
		15	1020.4	—	17.3	2.1	15.7	80	5.6	3	2	6	9	9	2	1	1	0	0	0	1	3	7	12	6	1	2	15	11	2	0	5	2	1	3	9	5	4
		21	1020.7	—	15.7	1.1	15.7	88	4.8	3	3	12	3	7	3	1	2	0	0	1	1	2	4	14	6	0	2	11	17	1	5	4	1	0	5	3	8	4
St Mawgan	107	3	1019.7	—	14.6	0.7	15.4	92	5.3	2	7	4	6	12	0	0	1	2	4	1	1	4	5	13	0	0	0	7	22	2	4	1	6	3	10	1	3	1
		9	1020.2	+ 4.1	17.0	1.6	16.3	84	5.2	2	6	4	11	8	0	0	0	1	1	1	2	7	9	5	5	0	0	13	18	0	3	0	6	4	5	6	4	3
		15	1020.1	—	18.7	2.8	15.8	74	5.5	1	5	5	16	4	0	0	0	0	1	0	0	3	8	11	8	0	1	15	15	0	5	0	3	3	3	5	9	3
		21	1020.5	—	15.7	1.1	15.8	89	4.9	1	8	6	9	7	0	0	0	1	1	2	1	3	7	14	2	0	0	9	21	1	3	1	4	2	5	1	8	6
CHANNEL ISLANDS																																											
Channel Islands																																										
Guernsey	107	3	1020.2	—	15.0	0.6	16.0	94	4.1	11	2	3	7	8	0	0	1	2	0	3	1	6	8	6	4	0	0	9	22	0	3	3	5	0	1	5	7	7
Airport		9	1020.8	—	17.1	1.7	16.2	83	4.7	1	10	4	12	4	0	0	1	0	1	0	1	8	6	9	5	0	0	13	17	1	3	2	5	2	4	5	5	4
		15	1020.5	—	18.9	2.9	16.0	74	4.0	3	11	2	14	1	0	0	1	0	0	0	0	6	5	14	5	0	2	15	14	0	3	4	2	0	1	7	8	6
		21	1020.8	—	15.8	1.3	15.6	87	3.8	4	9	7	9	2	0	0	0	2	0	0	0	5	8	8	8	0	0	13	17	1	2	2	5	0	3	3	8	7
Jersey Airport	94	3	1020.0	—	15.2	0.8	15.8	91	3.3	8	8	5	6	4	0	0	0	1	0	0	4	7	9	7	3	0	0	11	17	3	3	4	4	0	2	3	7	5
		9	1020.8	+ 4.0	17.7	2.2	15.9	79	5.0	1	6	9	8	7	0	0	0	0	1	1	2	5	5	14	3	0	0	10	21	0	2	3	7	1	2	3	10	3
		15	1020.5	—	19.9	3.6	15.7	69	3.9	3	13	1	10	4	0	0	0	0	0	0	1	4	6	16	4	0	1	11	19	0	5	2	3	2	0	1	12	6
		21	1020.7	—	16.3	1.6	15.5	84	3.9	4	7	8	10	2	0	0	1	0	0	2	0	4	4	12	8	0	0	14	15	2	4	5	3	0	2	2	8	5
NORTHERN IRELAND																																										
Antrim																																										
Aldergrove	73	3	1016.9	—	13.3	0.9	13.7	90	5.3	1	6	6	11	7	0	0	0	0	0	0	0	4	6	9	12	0	0	5	24	2	0	2	4	4	8	10	1	0
		9	1017.4	+ 3.7	15.3	1.5	14.7	84	6.2	1	3	4	15	8	0	0	0	0	0	1	0	5	8	11	6	0	0	6	25	0	1	3	3	1	6	10	4	3
		15	1017.2	—	18.4	3.5	14.3	68	5.5	1	5	5	14	6	0	0	0	0	0	0	1	3	7	6	14	0	0	0	11	20	0	1	1	0	5	3	13	4	4
		21	1017.8	—	14.9	1.8	13.7	80	5.5	1	6	3	16	5	0	0	0	0	0	0	1	4	2	14	10	0	0	9	21	1	1	4	4	3	7	2	6	3
Londonderry																																											
Carmoney	73	9	—	—	14.7	1.2	14.6	87	6.2	1	1	6	12	11	0	0	0	0	0	0	0	1	2	28	0	0	0	5	21	5	2	1	0	0	4	13	4	2
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Down																																										
Long Kesh	39	3	1017.1	—	12.9	0.6	14.0	94	5.5	3	3	5	11	9	0	0	0	0	0	0	0	3	5	10	13	0	0	0	0	25	6	0	1	6	1	1	6	9	1
		9	1017.5	—	16.0	1.5	15.4	84	6.3	1	1	3	19	7	0	0	0	0	0	0	1	1	8	9	11	1	0	0	4	25	2	1	0	5	1	2	6	13	1
		15	1017.3	—	18.9	3.3	15.1	70	5.8	1	2	9	14	5	0	0	0	0	0	0	0	5	6	12	8	0	0	8	23	0	2	0	3	4	2	6	9	5
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tyrone																																										
Carrigans	113	9	1017.1	—	14.9	1.0	15.2	89	6.2	0	2	7	13	9	0	0	0	0	0	0	3	4	4	10	10	0	0	0	1	22	8	0	1	0	3	7	5	4	3
		21	1017.5	—	14.8	1.5	14.3	84	5.6	2	2	8	9	10	0	0	0	0	0	0	0	5	18	8	0	0	0	1	18	12	1	0	1	4	5	2	3	3
Fermanagh																																										
Corgary	144	9	1017.2	—	14.9	1.6	14.1	83	6.4	0	1	3	20	7	0	0	0	0	0	0	0	1	8	10	8	4	0	0	7	11	13	0	0	2	2	5	1	8	0

Table 5 Number of days with max. and min. temperatures between given limits — August 1991

Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	0	0	15	16	0	0	0	0	0	0	0	0	5	26	0
Kirkwall	0	0	0	2	27	2	0	0	0	0	0	0	0	5	26	0
Stornoway	0	0	0	2	28	1	0	0	0	0	0	0	0	3	28	0
Braemar	0	0	0	1	24	5	1	0	0	0	0	0	1	16	14	0
Craibstone	0	0	0	0	21	10	0	0	0	0	0	0	0	10	21	0
Dunstaffnage	0	0	0	0	26	5	0	0	0	0	0	0	0	2	29	0
Abbotsinch	0	0	0	0	22	9	0	0	0	0	0	0	0	5	25	1
Rothesay	0	0	0	0	26	5	0	0	0	0	0	0	0	4	27	0
Eskdalemuir	0	0	0	4	24	3	0	0	0	0	0	0	2	11	18	0
Boulmer	0	0	0	2	14	14	1	0	0	0	0	0	0	7	24	0
Leeming	0	0	0	0	6	20	5	0	0	0	0	0	0	4	24	3
Hull	0	0	0	0	3	24	4	0	0	0	0	0	0	2	23	6
Cranwell	0	0	0	0	2	21	8	0	0	0	0	0	0	5	21	5
Cambridge N I A B	0	0	0	0	1	21	9	0	0	0	0	0	0	5	21	5
Lowestoft	0	0	0	0	3	25	3	0	0	0	0	0	0	2	13	16
Shawbury	0	0	0	0	7	23	1	0	0	0	0	0	0	12	15	4
Elmdon	0	0	0	0	5	24	2	0	0	0	0	0	0	11	16	4
Heathrow	0	0	0	0	2	20	9	0	0	0	0	0	0	2	18	11
Southampton	0	0	0	0	2	23	6	0	0	0	0	0	0	1	21	9
Hastings	0	0	0	0	9	22	0	0	0	0	0	0	0	0	19	12
Douglas	0	0	0	0	27	4	0	0	0	0	0	0	0	1	30	0
Ringway	0	0	0	0	10	19	2	0	0	0	0	0	0	6	21	4
Valley	0	0	0	0	23	6	2	0	0	0	0	0	0	4	23	4
Aberporth	0	0	0	0	22	8	1	0	0	0	0	0	0	3	23	5
Rhoose	0	0	0	0	13	17	1	0	0	0	0	0	0	5	20	6
Falmouth	0	0	0	0	20	11	0	0	0	0	0	0	0	0	26	5
Aldergrove	0	0	0	0	21	10	0	0	0	0	0	0	0	5	24	2
Armagh	0	0	0	0	19	11	1	0	0	0	0	0	0	6	23	2

Table 6 Summary of autographic records of wind

District / Region/County and Place	Height of vane in metres			Distribution of hourly mean values of wind speed							Highest values					
				34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn		Hourly wind		Gust			
	Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Mean hourly wind speed (kn)	Veer from N	Speed kn	Day	Hour beginning	Veer from N	Speed kn	Day Time
0 SCOTLAND N																		
Shetland Fair Isle	71	10	10		0	1	2	335	355	52	0	10 1	260	23	9	22	280	38	11 1848
Lerwick	93	10	10		0	6	12	382	308	42	0	11 3	230	27	5	10	250	38	5 1106
Sella Ness	16	10			0	9	24	487	194	37	2	13 0	230	24	29	10	240	37	10 2054
Sumburgh	35	10	10		0	1	2	322	377	43	0	9 9	270	23	9	16	310	35	12 0242
Orkney Kirkwall Airport	41	15	10		0	6	32	344	312	56	0	10 8	260	27	9	13	270	41	9 1306
Western Isles Benbecula	16	10	10		0	9	28	441	251	24	0	12 4	200	25	21	01	200	40	21 0124
Butt Of Lewis	43	10	10		0	13	129	430	166	19	0	14 8	270	30	11	11	200	42	21 0242
Stornoway	12	10	10		0	3	8	265	318	153	0	8 9	200	25	20	19	180	41	21 0036
Highland Aviemore	250	10	10		0	1	1	167	377	199	0	7 2	200	22	9	03	190	36	20 1112
Dalcross	20	10	10		0	1	2	172	444	126	0	7 9	220	23	20	16	220	35	20 0930
Duirinish	38	20	17		0	4	6	225	315	198	0	8 1	190	23	9	03	210	40	15 0254
Invergordon Harbour	19	16	06		0	3	8	171	388	177	0	7 8	270	31	9	14	270	41	9 1548
Shin	24	10	10		0	1	1	76	353	314	0	5 4	250	25	11	12	250	40	11 1254
Wick	45	10	10		0	2	2	197	424	121	0	8 2	270	22	11	17	270	33	11 1700
1 SCOTLAND E																		
Grampian Aberdeen, Dyce Airport	68	10	10		0	0	0	143	384	217	0	6 5	260	19	9	12	250	33	9 1218
Cairngorm	1075	10	10	9-11 15 20 29	21	17	139	333	217	34	0	15 0	270	41	10	21	220	63	9 0354
Kinloss	18	13	13		0	2	5	166	378	195	0	7 3	240	25	15	12	230	38	15 1048
Lossiemouth	17	10	10		0	1	1	116	397	230	0	6 6	270	22	11	13	280	36	11 1318
Peterhead Harbour	34	30	15		0	3	8	250	430	56	0	9 2	200	25	5	03	200	36	5 0342
Tayside Mylnefield	40	10	10		0	0	0	79	413	247	5	5 7	260	17	11	17	250	29	11 0942
Tummel Bridge	161	16	16		0	0	0	34	369	341	0	4 8	260	15	11	11	270	34	11 0800
Perth Aerodrome	118	10	10		0	0	0	150	451	143	0	7 1	270	18	11	15	270	30	11 1548
Rannoch	307	17	17	Defective record															
Fife Leuchars	25	13	13		0	2	10	227	391	116	0	8 6	260	24	11	15	240	40	11 1200
Lothian Edinburgh Turnhouse Airport	43	13	10		0	2	4	195	390	153	2	7 7	260	23	9	11	260	43	9 0848
Royal Observatory, Blackford Hill	159	10	10		0	3	11	302	305	125	1	9 4	220	31	9	04	210	53	9 0412
Forth Road Bridge	72		72		0	8	60	340	241	103	0	11 5	240	31	11	12	240	45	9 0906
Leith	15	09			0	6	52	328	266	97	1	11 1	250	32	9	11	250	43	11 1312
Borders Charter Hall	112		10		0	1	1	160	450	131	2	7 5	270	22	9	11	260	37	9 1054
6 SCOTLAND W																		
Strathclyde Abbotsinch Airport	16	10	10		0	1	1	153	384	206	0	7 1	240	23	9	08	230	35	11 1036
Blairlinnans	145	13	12		0	2	2	279	346	102	15	9 1	260	22	9	11	260	34	9 1136
Dunstaffnage	13	10	10		0	0	0	93	431	220	0	6 0	270	18	17	10	250	29	11 1130
Greenock Port	51	49			0	5	13	288	335	106	2	9 7	250	27	15	16	240	45	15 1512
Inchterf	55	15	12		0	1	1	124	346	273	0	6 3	250	22	15	15	240	38	11 1424
Lowther Hill	754	27																	
Machrihanish	10	10	10		0	1	1	268	379	96	0	8 9	260	23	16	19	270	33	16 1942
Prestwick Airport	21	10	10		0	0	0	159	420	165	0	7 3	250	20	11	14	210	31	9 0530
Salsburgh	275	15	11		0	5	40	398	277	29	0	12 0	260	29	9	10	260	43	9 0924
Tiree	21	11	10		0	5	8	394	309	33	0	11 0	180	25	4	22	180	36	4 2230
Dumfries & Galloway Chapelcross	64	15	15		0	0	0	150	429	165	0	7 1	290	18	11	12	250	32	16 1930
Dumfries, Drungans	28	13	10		0	0	0	31	403	310	0	4 9	220	14	9	05	240	28	16 2100
Eskdalemuir	259	10	10		0	0	0	86	375	283	0	5 8	260	19	11	12	280	39	11 1700
West Freugh	24	10	10		0	1	1	184	367	192	0	7 3	300	22	17	14	300	33	17 1400
Whithorn	40	15			0	2	6	247	413	77	1	9 1	220	22	9	04	210	37	9 0400

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed									Highest values							
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day	Hour beginning	Veer from N	Speed-kn	Day	Time
2 ENGLAND E & N E																					
Northumberland	Blyth	19	10	10	Defective record																
	Boulmer	33	10	10		0	0	0	118	461	165	0	6.8	250	20	15	16	270	33	11	1536
Tyne & Wear	South Shields	22	17	13	Defective record																
Durham	Burnhope	244	10	10		0	0	0	124	462	151	7	7.0	260	21	11	14	230	38	15	1206
Cleveland	Hartlepool	15	10	10		0	0	0	106	374	264	0	5.6	260	19	11	14	210	33	23	1506
North Yorkshire	Church Fenton	18	10	10		0	0	0	111	347	286	0	5.9	290	18	17	13	260	31	17	1318
	Fylingdales	242	10	10		0	3	15	275	356	94	4	9.4	190	25	23	13	190	40	23	0906
	Leeming	42	10	10		0	0	0	124	381	239	0	6.4	250	21	9	12	300	36	17	1154
	Linton-on-Ouse	24	10	10		0	0	0	128	393	221	2	6.4	180	20	23	12	200	33	23	1430
Humberside	Bridlington MRSC	31	16	18																	
	Spurn Point	17	10	10	Defective record																
Lincolnshire	Coningsby	16	10	10		0	0	0	154	432	158	0	7.2	190	21	23	11	190	39	23	1154
	Cranwell	68	13	13		0	1	5	179	457	103	0	8.1	190	25	23	11	190	37	23	1030
	Scampton	68	10	10		0	1	3	165	493	83	0	7.7	200	23	23	12	200	35	23	1206
	Waddington	80	10	10		0	1	2	170	474	98	0	7.7	190	24	23	10	190	35	23	1436
3 EAST ANGLIA																					
Norfolk	Coltishall	27	10	10		0	0	0	125	401	218	0	6.6	220	19	23	11	230	37	23	1336
	Gorleston	16	13	13		0	1	7	220	457	60	0	8.8	190	27	23	14	180	42	23	1342
	Hemsby	26	13	13		0	1	1	194	464	85	0	8.2	200	22	23	11	210	37	23	1148
	Marham	29	10	10		0	0	0	142	440	162	0	7.1	210	21	23	10	230	41	23	1318
Cambridgeshire	Wittering	87	10	10		0	1	2	165	472	105	0	7.6	200	22	23	10	190	37	23	1018
	Wyton	45	10	10		0	0	0	146	482	116	0	7.4	210	19	23	16	300	44	17	1036
Suffolk	Honington	60	13	13		0	0	0	116	454	174	0	6.8	180	20	23	09	180	41	23	1030
	Wattisham	105	16	10		0	0	0	129	532	83	0	7.2	200	21	23	13	200	40	23	1048
Bedfordshire	Bedford	93	12	10		0	0	0	126	516	102	0	7.2	210	19	23	14	210	32	23	1448
Essex	Shoeburyness	12	10	10		0	1	5	112	526	101	0	7.3	200	23	23	13	230	38	23	1518
	Stansted	108	10	10		0	1	3	130	422	189	0	6.7	210	23	23	11	210	40	23	1154
	Walton On Naze	10	10	10		0	1	7	249	437	51	0	9.0	200	26	23	13	200	38	23	1354
4 MIDLAND COUNTIES																					
West Yorkshire	Leeds Weather Centre	43	10	10		0	1	3	193	446	101	1	8.0	290	23	17	12	280	38	17	1554
	Wilsden	272	10	10		0	0	0	162	449	133	0	7.4	250	20	16	22	250	37	16	2254
South Yorkshire	Finningley	19	10	10		0	0	0	137	399	208	0	6.7	290	19	17	17	170	31	23	1342
	High Bradfield	405	10	10		0	7	17	279	340	108	0	9.7	270	27	9	08	250	38	23	1836
	Sheffield University	146	29	15		0	0	0	75	428	241	0	5.8	260	17	9	12	210	36	23	1354
Nottinghamshire	Nottingham Weather Centre	133	16	10		0	0	0	113	468	163	0	6.5	200	18	23	12	180	34	23	1042
Staffordshire	Cellarhead	241	13	8		0	0	0	63	453	228	0	5.7	180	16	23	10	190	33	23	1224
	Keele	162	10	10		0	0	0	119	450	175	0	6.6	210	19	23	08	210	33	23	0818
Shropshire	Shawbury	84	12	10		0	0	0	114	416	214	0	6.3	180	20	23	10	180	33	23	1012
West Midlands	Birmingham Elmdon Airport	108	10	10		0	0	0	82	492	170	0	6.2	210	20	23	15	200	31	23	0918
Hereford & Worcs	Preston Wynne	97	13	13		0	0	0	40	408	296	0	5.0	280	14	17	13	170	32	23	0942
Oxfordshire	Benson	67	10	10		0	0	0	89	374	281	0	5.5	210	17	23	15	200	29	23	1648
	Brize Norton	91	13	10		0	0	0	111	492	141	0	7.0	200	16	23	07	230	32	23	1600
	Oxford	113	50	22		0	0	0	151	450	143	0	7.1	260	18	9	13	260	32	9	1248
5 ENGLAND S E & CENTRAL																					
Greater London	Heathrow Airport	34	10	10		0	0	0	23	292	429	0	4.1	200	14	23	09	170	31	22	1554
	London Weather Centre	93	70	38		0	0	0	167	506	69	2	8.1	210	20	23	10	210	35	23	0754
	Northolt	49	15	12		0	0	0	57	415	272	0	5.3	200	18	23	12	190	32	23	0854
Wiltshire	Boscombe Down	130	17	17		0	0	0	151	438	154	1	7.2	220	21	23	13	210	33	23	1406
	Larkhill	155	10	10		0	0	0	77	470	194	3	6.1	210	17	23	13	200	32	23	1324
	Lyneham	156	10	10		0	0	0	134	486	124	0	7.2	260	18	9	13	180	32	23	0712
Kent	East Malling	33	12	10		0	0	0	9	158	575	2	2.1	210	17	23	13	210	37	23	1400
	Gravesend	25	20			0	0	0	102	532	79	31	6.9	080	19	30	14	190	33	23	1230
	Langdon Bay	117	12	12		0	3	12	293	382	56	1	10.0	200	24	23	10	230	46	23	1618
	Lydd Ranges	1	10	10	Defective record																
	Manston	62	10	10		0	1	3	107	549	85	0	7.1	200	25	23	13	200	41	23	1348
	Sheerness	50	44	10		0	6	30	408	250	56	0	11.8	220	33	23	14	220	49	23	1406
Hampshire	Farnborough	75	10	10		0	0	0	23	393	328	0	4.4	210	16	23	11	210	32	23	1142
	Middle Wallop	94	10	10	Defective record																
West Sussex	Gatwick Airport	69	13	13		0	0	0	49	430	265	0	5.2	200	17	23	11	210	32	23	1142
	Shoreham-by-Sea	21	11	15	23	1	2	27	270	304	142	0	9.4	210	34	23	14	200	49	23	1430
East Sussex	Herstmonceux	27	10	10		0	1	6	118	347	273	0	6.3	220	23	23	14	220	39	23	1436
7A ENGLAND N W & I O M																					
Cumbria	Carlisle	41	15	9		0	0	0	155	356	233	0	6.8	250	20	11	12	250	35	11	1154
	Eskmeals	24	16	10		0	0	0	170	376	198	0	7.2	230	20	9	07	160	33	23	1212
	Great Dun Fell	857	10	10	9 11 15-17	28	20	206	352	148	10	0	17.9	250	43	11	16	250	56	17	0054
	Sellafield	22	10	10		0	0	0	148	440	156	0	7.3	330	21	17	16	320	32	17	1412
Lancashire	Aughton	68	14	10		0	0	0	70	497	177	0	6.1	300	19	17	17	150	34	23	1124
	Fleetwood	34	15	9		0	1	2	105	324	297	16	5.7	320	25	17	17	250	38	23	1712
	Squires Gate Airport	22	12	11		0	3	11	269	379	85	0	9.6	240	28	23	16	220	41	23	1612
Merseyside	Aigburth	38	23	11		0	0	0	105	520	119	0	6.9	150	19	23	10	150	30	23	1042
Greater Manchester	Manchester Ringway Airport	80	10	10		0	0	0	95	461	188	0	6.5	190	20	23	12	180	32	23	1130
Isle Of Man	Point-of-Ayre	20	10	10		0	3	9	303	362	70	0	9.6	240	25	9	06	240	37	9	0606
	Ronaldsway	25	10	10		0	1	2	260	355	127	0	8.6	110	22	23	08	110	32	23	0836

Table 6 Summary of autographic records of wind

August 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed									Highest values							
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day	Hour beginning	Veer from N	Speed-kn	Day	Time
7B WALES N																					
Gwynedd	Trawsfynydd	192	10	10		0	0	0	13	364	359	8	4 2	230	16	23	14	230	32	23	1512
	Valley	26	16	12		0	2	10	238	336	160	0	8 5	190	25	23	08	160	38	23	0748
8A WALES SOUTH																					
Dyfed	Aberporth	144	10	10		0	3	19	307	320	96	2	10 2	170	27	23	01	190	42	23	0600
	Brawdy	121	10	10		0	1	7	250	426	61	0	9 1	200	28	23	02	170	42	22	2312
	Milford Haven	50	13	10		0	3	23	208	407	106	0	8 7	200	31	23	04	200	49	23	0436
Mid Glamorgan	Cilfynydd	210	16	16		0	0	0	84	351	308	1	5 5	190	19	23	08	210	35	23	1254
South Glamorgan	Rhoose Airport	74	10	10		0	1	11	246	381	103	3	8 7	230	26	23	12	220	38	23	0836
8B ENGLAND S W																					
Avon	Avonmouth	28	19	10		0	5	17	296	366	64	1	10 0	250	26	17	00	230	40	23	1342
	Bristol Weather Centre	55	44	13		0	0	0	50	477	217	0	5 6	220	17	23	08	220	39	23	0836
	Oldbury-on-Severn	19	9			0	0	0	54	418	237	35	5 7	190	16	23	09	190	31	23	0930
Somerset	Hinkley Point	30	10	10		0	1	2	201	455	85	1	8 4	230	22	23	11	230	37	23	1124
	Yeovilton	34	12	10		0	0	0	92	355	297	0	5 4	230	16	23	12	240	27	23	1230
Dorset	Hurn Airport	23	13	11		0	1	1	80	438	225	0	6 1	200	23	23	10	200	43	23	1006
	Portland Bill C G	60	13	13		0	2	16	339	332	57	0	10 4	200	29	23	10	200	42	23	1012
Devon	Burrington	211	10	10		0	1	7	244	385	108	0	8 7	250	26	23	13	230	42	23	1036
	Chivenor	16	10	10		0	1	4	160	420	160	0	7 5	230	25	23	12	230	36	23	1224
	Exeter	35	10	10																	
Cornwall	Camborne	98	10	10		0	6	32	244	337	131	0	9 3	100	33	30	16	100	53	30	1712
	Culdrose	104	23	20	23	4	7	64	317	291	68	0	11 6	240	36	23	04	230	55	23	0430
	Gwennap Head	76	10			0	7	47	348	279	70	0	11 2	210	33	23	00	200	53	23	0424
	St Mawgan	120	13	13		0	2	7	203	418	116	0	8 4	120	25	21	18	100	36	21	1548
CHANNEL ISLANDS																					
	Guernsey Airport	116	12	12		0	3	8	288	367	81	0	9 3	060	24	29	13	210	38	23	0954
	Jersey Airport	94	12	10		0	1	5	276	391	72	0	9 3	070	24	29	13	070	35	29	1254
NORTHERN IRELAND																					
Londonderry	Ballykelly	12		10																	
	Coleraine University	30	10	10		0	0	0	91	506	147	0	6 6	250	16	16	17	310	29	17	1248
Antrim	Aldergrove	80	10	10		0	0	0	170	439	135	0	7 5	210	20	9	02	210	32	9	0212
	Ballypatrick Forest	165	13	13		0	0	0	140	481	115	8	7 3	210	20	9	01	220	37	9	0312
	Belfast Harbour	21	18	18																	
Down	Kilkeel	36	19	14		0	2	5	226	372	141	0	8 2	340	23	23	05	110	35	15	1006
	Killough	31	15	15		0	4	16	281	354	92	1	9 8	200	25	4	20	240	35	9	0206
	Long Kesh	47	10	10		0	0	0	72	445	227	0	5 8	290	17	11	11	290	31	11	1200
	Orlock Head	51	16	12		0	2	4	299	377	64	0	9 5	100	23	23	09	170	35	21	1412
Tyrone	Carrigans	129	10	10		0	0	0	172	340	223	9	7 2	250	18	10	17	250	31	16	1754
Fermanagh	Castle Archdale Forest	79	13	13		0	0	0	59	452	196	37	5 9	190	16	15	01	190	30	15	0124

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
	Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation													
	Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets, etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C.	Concrete min. below 0 deg C.	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
1990 Mar Keith																										8			
Banff Golf Course																										2			
1991 Jan Scalpay	–	–	–																										
Diabaig	–	–	–																										
Fortrose																										–			
Waterstein																							1						
Inchmarlo	–	–	–								–																		
Greycrook	–	–	–																										
Abington	–	–	–								–						0	0											
Aros	–	–	–																										
Balquidder																													S
Parkhead	–		–																										
Lowestoft																													S
Halesowen																													S
Hadlow College																													
Swansea																													
Porthcawl											116	118	19	1	15	15													
Weston Super Mare																													S
Gawlish																													
Lundy											117		21	1															
Plymouth, Mount Batten																													
Slapton																													S
Teignmouth																													
Guernsey, L'Ancresse	8.4	3.5	5.9		12.5	2.9	-0.5	29			97		18	9	16	14	0		0	0	0	2			0	2.06			
Carmoney																													S
Lough Fea W wks	4.8	-0.8	2.0		10.1	1	-7.0	13			150		26	5	22	20	5	15	0	0	0	4	24	23	0				
Larne Harbour	–	–	–		–	–	–	–																					
Newry, Carnbane																										–			
1991 May Cassley																	0		0	0	0								
Dalwhinnie											–																		
Dingwall																	0	0	0	0	0				0				
Duartmore Bridge											0						0		0		0								
Inverpolly																	0	0	0	0	0				0				
Braemar																	0		0	0	0								
Kindrogan																	0			0	0				0				
Perth Aerodrome																	0			0	0				0				
Edinburgh, Royal Observat																													
Blackford Hill																	0			0	0				0				
Blythe																	0			0	0				0				
Auchincruive									9.0																				
Drumclog	13.6																												
Orsay											21		7	12	15	5													
Saughall																										5.54			
Wycliffe Hall	13.1	4.0	8.5		18.0	24	-0.5	14			11		5	3	7	3	0	0	0	0	0	0	1	8	0				
Plymouth, Mount Batten																													S
Dungonnell Filters		4.8	8.7																										
Loughgall	15.1																												
Strabane, Glen Road		6.8																											
Lisnaskea	16.0																												

Correction

December 1990, **Temperature**
In line 3: Fyvie Castle is in Grampian Region, **not** Borders Region.

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THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 1000 U.D.C. 551 506 1 (41-4)

SEPTEMBER 1991

VOLUME 108 NUMBER 9

Warm and sunny, becoming cooler and unsettled later

On the 1st a shallow low-pressure area covered much of southern England, but was pushed away southwards by midday on the 2nd as a ridge of high pressure became established across the British Isles. A weak front moved southwards during the 5th and 6th, crossing all areas except South Wales and south-west England before dissipating. Pressure remained high until late on the 9th, when a cold front crossed Scotland; the front weakened and became slow moving as it trailed across northern England, then continued slowly southwards across the rest of England and Wales on the 11th. Pressure rose again behind the front, but as high pressure drifted away eastwards during the next five days a succession of fronts, though weak in the south, crossed all parts from the west. A ridge of high pressure crossed all areas except the far north of Scotland on the 17th, followed by a cold front that cleared the far south-east during the 18th, bringing the United Kingdom temporarily under the influence of an anticyclone centred over the Bay of Biscay. High pressure transferred north-eastwards over the near Continent during the 19th and 20th. On the 21st, as the high pressure drifted away eastwards, fronts rapidly crossed all areas of the United Kingdom and cleared the south-east early on the 22nd. Early on the 23rd further fronts moved quickly across all areas, clearing the south-east late on the 24th, while a complex area of low pressure spread southwards to cover all parts of the United Kingdom with a very unstable moist air mass. During the 27th the next deepening depression moved in from the Atlantic with fronts moving rapidly around the centre. The depression tracked across northern France on the 28th. On the 29th a ridge of high pressure extended north-eastwards across all areas, but yet another frontal system approached western districts late on the 30th.

Weather

September was warm, especially in the south, and generally dry, but the during second half of the month it became less settled and cooler, with some areas of heavy rainfall, although southern areas remained warm until the last week. There were thundery outbreaks over eastern Scotland from Aberdeen to Berwick on the 16th. Showers were of sleet at Fair Isle, Shetland on the 22nd and 23rd. Thunder was reported over Somerset and Dorset later on the 25th, and thundery showers, some accompanied by hail, became widespread over central southern and eastern England on the 26th, bringing the first heavy rain of the month to many parts of England, with outbreaks over Lincolnshire and Norfolk, South Wales and across southern England from Cornwall to Kent. Scattered thunderstorms on the 27th gave some prolonged spells of rain, some of it heavy. Thunderstorms occurred over central southern England later on the 28th and into the 29th, and later that day over parts of south-east England and East Anglia.

Wind

September was generally quiet until near the end of the month. Winds reached gale force over a wide area on the 24th, with a highest mean wind speed at a low-level station of 51 kn and a gust of 71 kn at Butt of Lewis, Western Isles. The 28th was a windy day mainly in the south, with a highest mean wind of 42 kn at Portland Bill, Dorset; Gwennap Head, Cornwall had a mean wind speed of 38 kn with a gust to 61 kn. Wind directions were easterly or variable for the first 11 days, southerly or westerly until the 25th, then mainly northerly for the rest of the month.

Temperature

Mean monthly temperatures were above normal over England, Wales and Northern Ireland, but below normal generally over Scotland, ranging from 1.9 °C above normal at Penkridge, Staffordshire and Malvern, Hereford and Worcester to 0.4 °C below normal at Camps Reservoir, Strathclyde Region.

The highest temperatures occurred during the first week, making it the warmest start to September in some places for 30 years. Temperatures rose to 28 °C in a few places in the south on the 4th, while in many places in western Scotland temperatures exceeded 26 °C. Temperatures continued to climb into the low and mid twenties Celsius across England and Wales, but it remained cooler in Scotland and air frost occurred quite widely in eastern and central areas early on the 12th. Cooler air reached all parts on the 24th, with temperatures mostly remaining below 20 °C during the rest of the month, and from the 27th only reaching 13 °C at best over a large area, including London. The highest temperature during the month was 29.8 °C at Marholm, Cambridgeshire on the 1st, and the lowest −3.7 °C at Grantown-on-Spey, Highland Region on the 12th.

Rainfall

Monthly rainfall totals were generally below normal except in north-western parts of Scotland and parts of southern and eastern England where they were about or above normal, and ranged from 168% at Woburn, Bedfordshire to as little as 27% at Cockle Park, Northumberland.

Rainfall totals were generally higher in September than during August, although it was mainly dry in much of England and Wales during the first three weeks and Scotland and Northern Ireland had very little rain during the first fortnight. The rainfall on the 14th was the first rain for 32 days at Charing, Kent. Widespread heavy rain occurred over the 28th and 29th, with over 40 mm of rain during this 48-hour period over much of the south and south-west as well as over a small area around The Wash. Among heavy falls were 110 mm at Poole, Dorset, 96 mm at Velindre, Powys, 85 mm at Lower Kingcombe, Dorset, and 51 mm at Coningsby, Lincolnshire, all on the 28th.

Sunshine

Monthly sunshine totals were above normal nearly everywhere except for one or two places on the coasts of southern and eastern England and ranged from 168% at Camps Reservoir, Strathclyde Region to 98% at Mayflower Park, Southampton.

During the first 12 days of the month there were daily totals in excess of 10 hours over a wide area. Sunshine amounts decreased during the second half of the month, but there were still some sunny days, especially on southern coasts. The most sunshine in a day was 13.1 hours at Newquay, Cornwall on the 5th and Morecambe, Lancashire on the 6th and the most in the month was 205.6 hours at Morley St. Botolph, Norfolk.

Fog

Patchy fog formed frequently overnight throughout the month and was widespread on the 2nd, 27th and 28th, and dense in places between the 2nd and 4th and on the 26th. Hill fog occurred widely on the 5th but was confined to southern areas on the 13th. Coastal fog occurred along southern coasts on the 13th and around western and southern coasts on the 14th. Extensive hill and coastal fog occurred over Wales and the west of England on the 16th.

Miscellaneous Phenomena

On the 26th waterspouts were reported 26 km south-west of Llanbedr, Gwynedd and off Pendine, Dyfed.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp°C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max.	Min.	Mean				
			Difference from average					% of average	
0 Scotland N	27.0	−3.7	+0.5	−0.6	0.0	+0.8	0	117	122
1 Scotland E	26.8	−1.4	+0.8	−0.3	+0.3	+1.1	−3	83	134
2 England E & NE	27.5	−2.3	+1.5	−0.1	+0.7	+1.5	−4	75	133
3 East Anglia	29.1	1.3	+1.6	+0.1	+0.8	+1.3	−1	108	127
4 Midland Counties	29.0	0.7	+2.2	+0.3	+1.3	+1.1	−3	82	133
5 England SE & Central S	29.7	3.8	+1.8	+0.8	+1.3	+1.4	−2	69	121
6 Scotland W	25.7	−2.1	+1.3	−0.8	+0.3	+1.2	−4	89	149
7 England NW & Wales N	27.3	−0.2	+2.0	−0.1	+0.9	+1.3	−4	59	134
8 England SW & Wales S	26.0	3.6	+1.9	+1.2	+1.5	+1.5	−2	83	128
N Ireland	25.4	0.2	+1.8	+0.1	+0.9	+1.4	−5	62	162
Scotland	27.0	−3.7	+0.9	−0.6	+0.2	+1.0	−2	101	135
England & Wales	29.7	−2.3	+1.8	+0.4	+1.1	+1.3	−3	77	129

* Highest maximum and lowest minimum of District Value Stations

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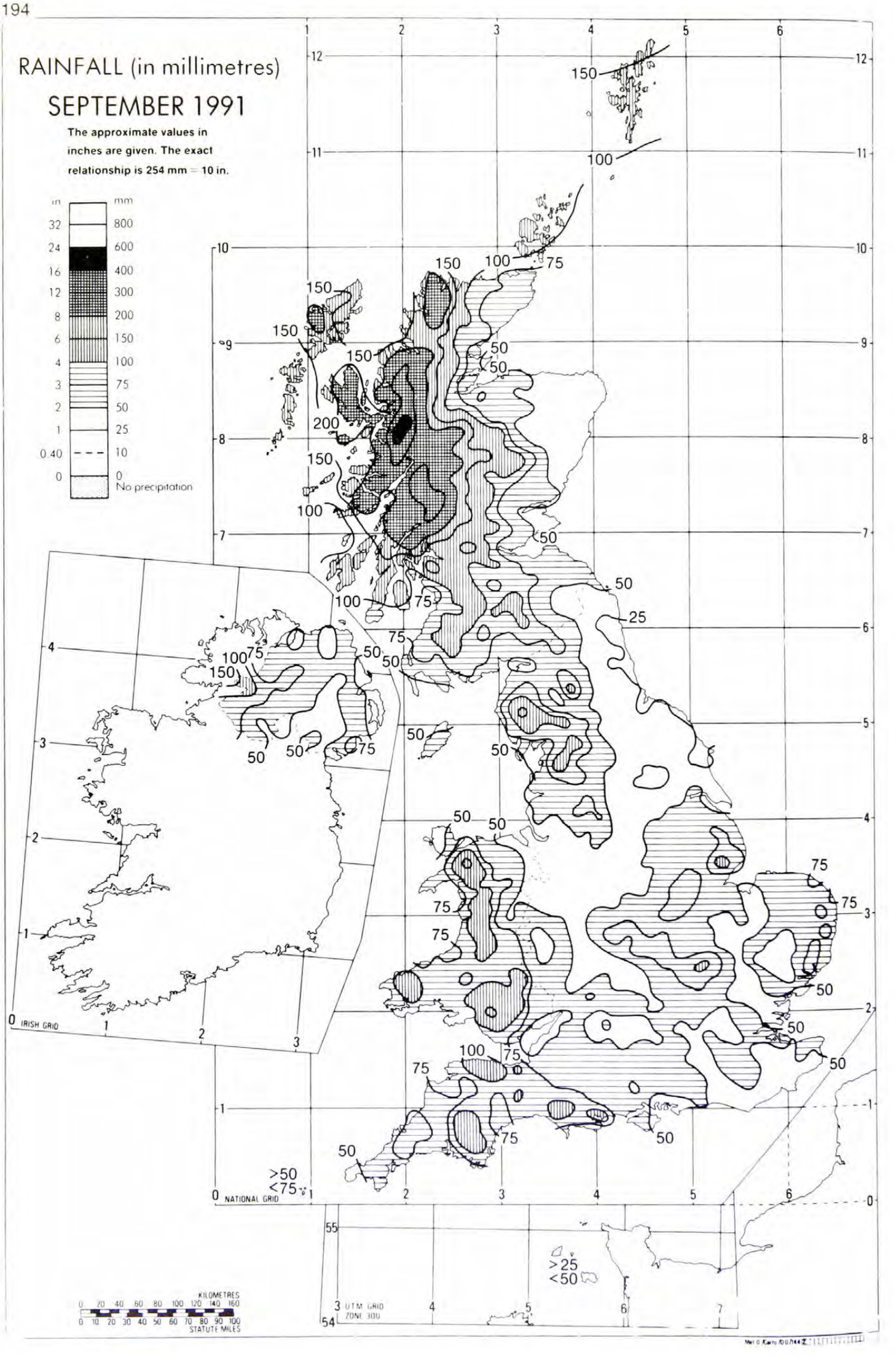
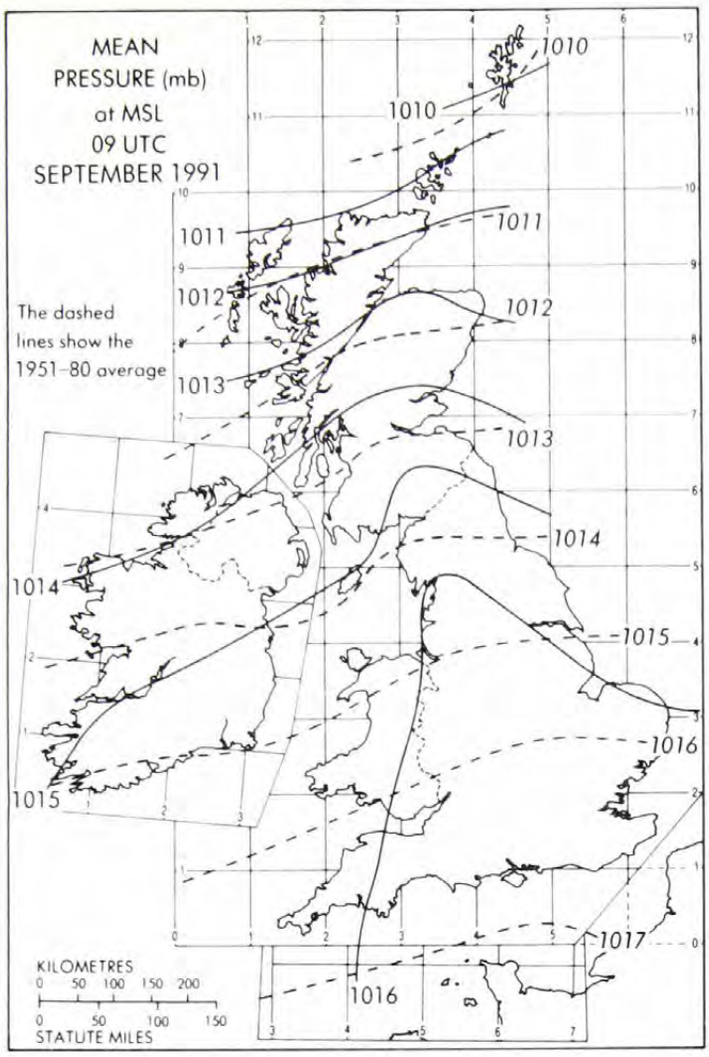
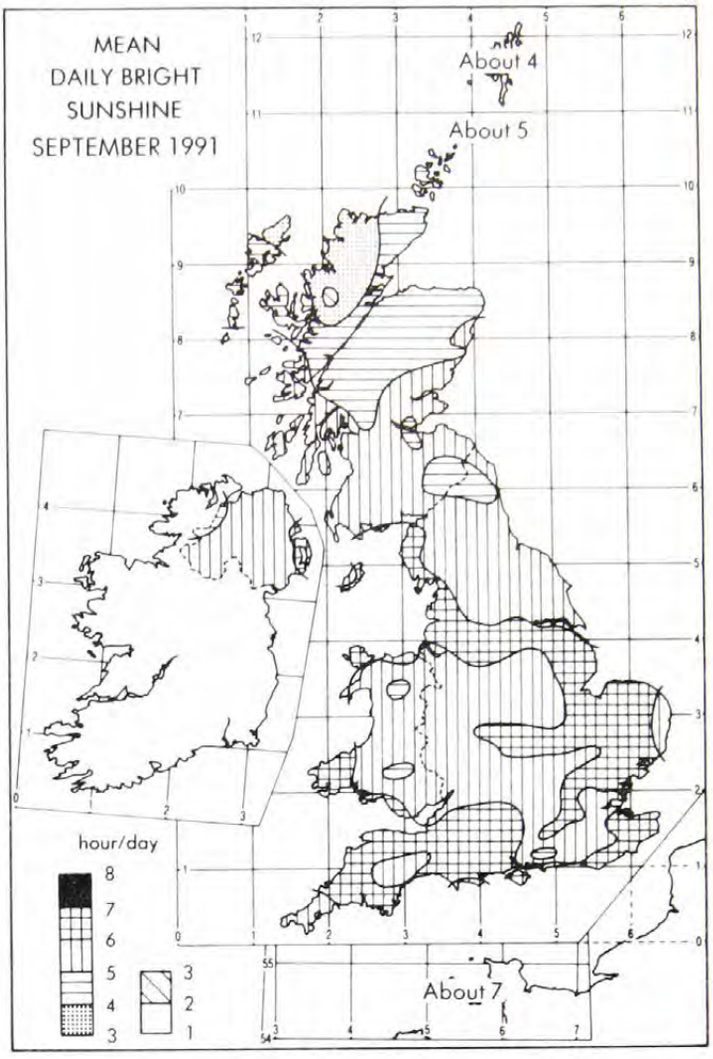
RAINFALL (in millimetres)

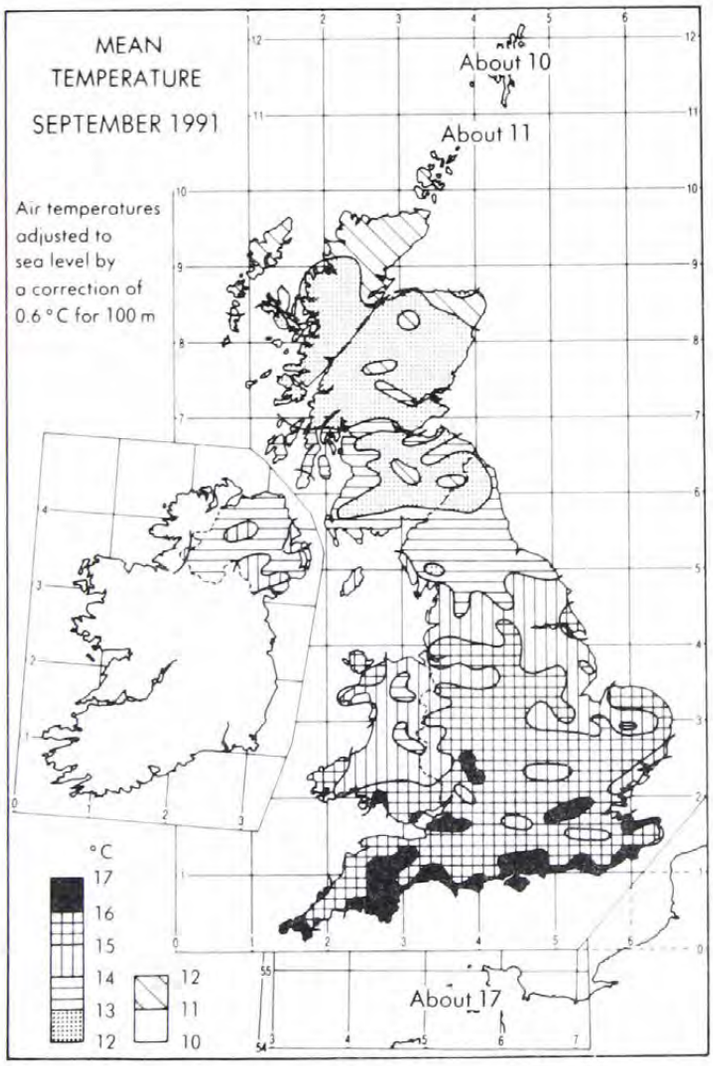
SEPTEMBER 1991

The approximate values in inches are given. The exact relationship is 254 mm = 10 in.




MEAN
PRESSURE (mb)
at MSL
09 UTC
SEPTEMBER 1991
The dashed lines show the 1951–80 average
1010
1011
1012
1013
1014
1015
1016
1017
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
SEPTEMBER 1991
About 4
About 5
About 7
hour/day
8
7
6
5
4
3
3
2
1


MEAN
TEMPERATURE
SEPTEMBER 1991
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
About 10
About 11
About 17
°C
17
16
15
14
13
12
12
11
10

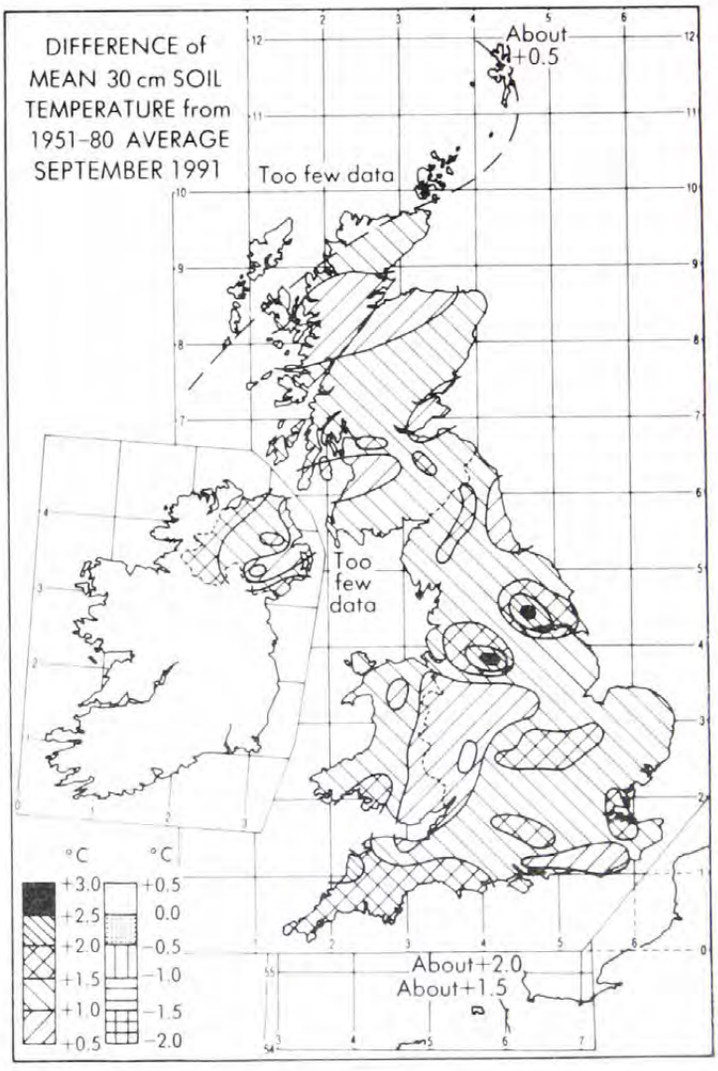

DIFFERENCE of
MEAN 30 cm SOIL
TEMPERATURE from
1951–80 AVERAGE
SEPTEMBER 1991
About +0.5
Too few data
Too few data
About +2.0
About +1.5
°C
+3.0
+2.5
+2.0
+1.5
+1.0
+0.5
°C
+0.5
0.0
−0.5
−1.0
−1.5
−2.0

Table 2 Solar radiation

September 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	16.0	5	1.3	16	8.2	30	8.3	1	1.3	16	4.9	30
Stornoway	17.4	6	3.1	13	8.3	30	8.0	10	2.7	6	5.4	30
Aviemore	17.4	1	2.7	21	9.8	30	8.1	8	2.3	30	5.1	30
Aberdeen	17.4	6	4.0	16	10.2	30						
Dunstaffnage	18.6	6	2.3	21	10.4	30						
Shanwell	17.3	6	3.7	28	10.4	30	7.0	19	2.6	30	4.8	30
Auchincruive	17.7	3	2.2	21	10.8	30						
Eskdalemuir	18.9	1	1.2	13	9.9	30	8.1	12	1.2	13	4.6	29
Sunderland Poly												
Hazelrigg	19.1	6	2.3	29	11.6	30	9.1	17	2.3	29	5.6	30
Cawood	18.2	7	2.0	26	11.4	30						
Aughton	19.2	6	2.1	29	11.6	30	8.5	10	2.1	29	5.5	30
Finningley	18.0	6, 7	1.9	26	11.6	30	8.9	12	1.9	26	5.7	30
Sutton Bonington	17.2	7	2.5	29	11.1	30	11.3	3	1.7	30	5.3	28
Hemsby	19.5	1	3.3	27	11.2	30	9.3	2	3.3	27	5.7	30
Denver Complex	19.8	7	3.1	23	12.0	30						
Gogerddan	18.7	4	3.2	26	12.1	30						
Brooms Barn	19.3	1	2.3	11	12.0	30	8.3	2	2.3	11	5.4	30
Aberporth	18.2	4	1.4	28	12.0	30	8.7	6	1.4	28	6.0	30
Wallingford	18.1	7	2.4	29	10.7	30						
London W.C.	18.1	7	3.1	11	12.6	23	7.5	2	3.0	11	5.0	23
Easthampstead	19.2	7	2.3	28	11.9	30	9.2	2	2.3	28	5.6	30
East Malling	19.3	7	3.0	28	11.5	30	7.8	2	3.0	28	5.4	30
Crawley	19.7	7	2.2	28	11.8	30	8.8	2	2.2	28	5.5	30
Rustington	20.9	7	2.1	28	13.2	29						
Efford	20.9	7	3.6	23	12.2	30						
Camborne	18.8	7	1.9	29	12.0	30	11.0	3	1.9	29	6.3	30
Jersey	19.7	8	2.8	23	13.0	30	9.1	12	2.8	23	6.1	30
Aldergrove	18.8	2	2.9	21	11.5	30	8.5	9	2.7	21	6.0	30

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation															
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
0 SCOTLAND N																														
Shetland																														
Baltasound	24	12.8	7.6	10.2	−0.2	16.4	1	2.1	29,30	11.2	—	156	—	20	16	23	18	4	0	0	0	0	0	0	—	—	5	3.53	118	-
Fair Isle	57	12.6	8.8	10.7	—	15.4	3	3.6	30	11.8	11.6	87	—	13	22	22	13	2	0	0	3	0	2	0	3	—	2	5.27	—	-
Lerwick (A)	82	12.5	7.9	10.2	−0.1	15.8	2	2.4	29	11.1	—	121	107	18	16	25	16	0	0	0	0	0	1	0	2	2	1	4.41	139	-
Sumburgh (A)	7	12.9	8.6	10.7	—	15.5	1	3.0	29	—	—	—	—	—	—	—	—	0	0	0	1	0	1	0	3	0	2	—	—	-
Orkney																														
Kirkwall Airport (A)	26	13.8	8.0	10.9	−0.2	18.4	3	1.5	30	12.5	—	110	125	15	24	24	18	0	0	0	3	0	0	0	5	0	1	4.73	137	-
Rackwick	18	14.2	8.7	11.5	—	20.9	1	0.1	30	—	—	(112)	—	13	13	25	20	—	—	—	—	—	—	0	—	—	—	—	—	-
Western Isles																														
Benbecula (A)	5	15.0	8.7	11.9	0.0	19.7	1	−0.2	30	13.5	—	122	103	18	20	17	13	0	0	0	0	0	0	1	6	2	2	4.81	126	-
Scalpay	18	14.5	9.1	11.8	—	19.3	1	2.4	30	—	—	151	—	16	30	16	15	0	0	0	0	0	—	0	—	—	8	—	—	-
Stornoway (A)	15	14.3	8.6	11.5	+0.2	21.2	1	0.8	30	12.9	—	104	101	12	21	21	16	0	0	0	0	0	0	0	2	1	1	3.81	107	-
Highland																														
Aviemore (A)	229	16.1	6.2	11.1	—	25.8	4	−2.3	12	12.8	12.8	87	—	22	23	16	13	0	0	0	0	0	2	1	8	1	0	4.67	—	-
Cape Wrath	112	12.8	9.6	11.2	+0.2	20.2	1	5.4	30	—	—	149	143	27	21	24	18	0	0	0	0	0	2	0	0	0	7	3.49	(102)	-
Cairngorm Chairlift	663	13.0	6.6	9.8	—	23.5	3	1.4	30	9.6	—	—	—	—	—	—	—	0	0	0	0	0	1	0	—	—	9	—	—	-
Cassley	99	15.3	7.3	11.3	—	25.7	1	−0.8	30	—	—	200	123	39	24	19	15	—	0	—	—	—	—	2	4	—	—	—	—	-
Dalcross (A)	11	16.3	8.0	12.1	—	25.2	4	0.5	12,27	—	—	63	116	14	23	16	14	0	0	0	0	0	0	0	3	—	0	—	—	-
Dalwhinnie	351	15.5	5.7	10.6	—	25.1	3	−1.9	12	13.1	—	132	—	30	23	14	12	0	0	0	0	0	0	5	6	—	0	4.82	—	S
Diabaig	60	(16.0)	(7.0)	11.5	—	—	—	—	—	—	—	158	—	—	—	—	—	—	0	—	—	—	—	—	—	—	—	(3.33)	—	S
Dingwall	7	16.8	6.6	11.7	—	25.9	3	−2.0	27	—	—	79	—	17	21	16	12	—	0	—	—	—	—	3	—	—	—	—	—	-
Duartmore Bridge	30	15.0	7.6	11.3	—	23.6	1	−2.5	30	—	—	164	—	23	21	25	19	—	0	—	—	—	0	2	—	—	1	3.40	—	-
Eilanreach	8	16.1	7.0	11.5	—	24.0	4	−1.7	30	—	—	214	—	41	23	16	15	0	0	0	1	0	0	2	4	—	0	—	—	-
Fort Augustus	21	16.9	7.6	12.3	+0.5	26.9	3	0.2	12	14.8	—	165	160	41	23	17	13	—	0	—	—	—	1	0	—	—	—	4.48	153	-
Fortrose	5	15.5	8.8	12.1	−0.2	23.6	4	0.0	27	—	—	64	125	16	23	17	14	0	0	0	0	0	—	0	—	—	2	—	—	-
Grantown-on-Spey	220	15.4	4.9	10.1	—	24.8	1	−3.7	12	—	—	45	—	15	23	16	11	0	0	0	0	0	1	4	15	—	0	4.44	—	-
Inverailort	2	17.2	8.4	12.8	—	24.9	1, 4	−0.4	30	—	—	199	—	36	23	17	17	0	0	0	0	2	0	1	9	—	5	—	—	-
Inverness	4	16.9	9.0	12.9	+0.5	26.0	3	2.5	12	—	—	56	103	14	23	16	13	0	0	0	0	0	1	0	2	—	0	4.53	122	-
Inverpolly	14	15.4	8.3	11.9	—	23.0	1	0.4	30	13.4	—	135	—	20	23	24	18	—	0	—	—	—	—	0	6	—	—	—	—	-
Isle of Rhum	5	16.0	8.5	12.3	(+0.2)	23.7	1	0.1	30	14.3	13.8	282	105	44	13	14	14	0	0	0	1	0	0	0	8	—	2	5.21	—	-
Kiltarlity	75	16.3	6.9	11.6	—	25.9	3	−0.7	12	—	—	81	—	19	23	17	14	0	0	0	0	0	0	1	5	—	1	—	—	-
Kinbrace	103	—	—	—	—	—	—	—	—	—	—	60	—	8	30	18	14	0	0	0	0	0	—	—	—	—	0	4.25	—	-
Kinlochewe	25	16.6	7.3	11.9	(0.0)	26.3	1	−0.5	27	12.8	—	261	—	44	16	22	17	0	0	0	0	0	0	2	7	—	3	2.74	—	S
Knockanrock	244	14.2	7.8	11.0	—	24.3	1	0.8	30	—	—	205	—	31	16	24	17	—	0	—	—	—	—	0	—	—	—	—	—	-
Lairg	107	15.2	6.2	10.7	—	24.5	1	−2.5	27	12.3	11.9	95	—	19	24	19	12	—	0	—	—	—	3	6	11	—	—	3.28	—	S
Lentran	146	16.7	7.5	12.1	—	26.7	4	0.5	12	12.5	—	73	—	18	23	16	14	—	0	—	—	—	0	0	7	—	—	—	—	-
Nairn	8	15.9	8.3	12.1	+0.1	22.5	4	0.5	27	—	—	53	107	12	23	15	12	0	0	0	0	0	2	0	3	—	0	4.78	121	-
Onich	15	17.7	7.3	12.5	+0.6	27.0	2	−1.5	30	—	—	220	111	48	23	17	14	—	0	—	—	—	0	1	5	—	—	4.09	143	S
Plockton	12	15.9	8.3	12.1	—	22.9	1	1.5	30	14.7	—	139	—	23	21	17	15	0	0	0	0	1	0	—	—	—	3	—	—	-
Poolewe	6	15.7	8.5	12.1	(-0.2)	23.8	1	1.0	30	—	—	181	127	33	16	20	17	0	0	3	0	1	0	0	6	—	3	3.85	(114)	-
Tomatin	311	15.1	5.9	10.5	—	24.7	1	−2.4	12	—	—	74	—	22	23	19	16	0	0	0	0	0	0	2	—	—	0	—	—	-
Waterstein	92	14.3	8.7	11.5	—	19.5	4	1.5	27	—	—	(146)	—	27	21	19	15	—	—	—	—	—	—	0	—	—	—	—	—	-
Wick (A)	36	14.4	7.5	10.9	−0.3	19.7	3	−1.4	30	12.6	—	45	66	7	22	24	14	0	0	0	0	0	0	2	6	2	1	5.01	135	-
1 SCOTLAND E																														
Grampian																														
Aberdeen																														
Dyce Airport (A)	65	16.5	7.6	12.1	+0.4	24.6	4	−0.7	12	—	—	28	43	12	23	10	6	0	0	0	0	1	0	1	8	2	0	5.33	138	-
Mannofield	52	15.9	8.1	12.0	+0.4	22.5	4	2.0	30	—	—	24	38	13	23	9	6	0	0	0	0	0	4	0	2	—	0	—	—	-
Aldroughty	30	17.0	7.4	12.2	—	25.5	1	−1.0	27	12.6	—	63	—	11	23	19	16	0	0	0	0	0	2	1	2	—	0	4.62	—	-
Ballater Field Centre	200	17.1	5.9	11.5	—	26.9	4	−1.1	12	—	—	30	—	9	23	15	6	0	0	0	0	1	—	2	8	—	0	—	—	-
Balmoral	283	15.7	5.5	10.6	+0.4	25.4	3	−1.8	12	—	—	43	66	13	23	15	11	0	0	0	0	0	—	2	10	—	0	—	—	-
Banff Golf Course	15	16.1	8.4	12.3	—	22.9	4	0.5	27	14.2	—	45	—	10	23	16	11	0	0	0	0	0	0	0	—	—	1	—	—	S
Braemar	339	15.7	5.8	10.7	+0.4	26.7	3, 4	−1.1	26	13.0	13.0	58	80	13	23	17	13	0	0	0	0	0	1	3	5	—	1	(4.67)	—	-
Craibstone	102	16.1	7.8	11.9	+0.4	24.1	4	1.1	12	13.6	13.8	27	41	13	23	12	6	0	0	0	0	1	1	0	5	—	1	—	—	-
Culterty	3	16.3	7.5	11.9	—	21.5	4	0.1	12	—	—	31	—	18	23	8	7	0	0	0	0	0	1	0	6	—	1	4.25	—	-
Durris, Wardend	107	16.5	7.1	11.8	—	26.2	4	0.0	29	12.6	—	32	—	13	23	9	8	0	0	0	0	1	0	0	14	—	0	5.16	—	-
Forehill	40	15.1	8.1	11.6	—	21.7	4	1.6	30	—	—	53	83	20	25	11	8	0	0	0	0	0	2	0	0	—	0	—	—	-
Forres	5	16.6	8.9	12.7	—	25.1	1	1.9	27	13.2	13.7	54	—	9	23	15	13	0	0	0	0	0	2	0	4	—	0	—	—	-
Fyvie Castle	55	15.9	6.5	11.2	(0.0)	24.5	3	−1.0	27	—	—	28	42	14	23	9	6	0	0	0	0	1	0	4	7	—	1	—	—	-
Glenlivet	215	15.5	5.8	10.7	(0.0)	24.9	1	−2.3	12	13.2	—	50	—	16	23	18	15	0	0	0	0	0	0	1	8	1	0	4.56	(125)	S
Inchmarlo	80	16.5	6.6	11.5	—	25.8	4	−0.1	12	—	—	25	—	14	23	10	5	—	—	—	—	—	—	1	4	—	—	—	—	-
Inverurie	54	16.8	6.8	11.8	—	25.2	4	−1.0	12	—	—	30	—	14	23	9	4	0	0	0	0	1	0	1	—	—	0	4.35	—	-
Keith	106	15.8	6.4	11.1	—	23.6	3	−2.0	12	—	—	48	—	9	23	20	12	0	0	0	0	0	—	1	10	—	0	4.74	—	-
Kinloss (A)	5	16.5	8.4	12.5	+0.4	23.6	3, 4	−0.3	27	12.9	—	54	111	10	23	17	13	0	0	0	0	0	1	0	5	2	0	4.67	126	-
Leith Hall	180	16.3	5.9	11.1	—	24.8	3	−0.5	12	—	—	41	—	14	23	14	8	0	0	0	0	1	0	1	5	—	2	—	—	-
Lossiemouth (A)	6	16.3	7.7	12.0	(+0.1)	23.8	3	0.5	12	—	—	44	88	10	23	17	13	—	—	—	—	—	—	0	—	—	—	—	—	-
Rothes	61	16.6	7.1	11.9	—	26.1	1	−0.5	12	—	—	51	—	9	23	14	13	0	0	0	0	0	3	1	2	—	0	3.87	—	S
Stonehaven	85	15.7	7.8	11.7	—	23.2	4	3.0	29	—	—	24	—	11	23	10	6	0	0	0	0	0	2	0	—	—	1	4.80	—	-
Tayside																														
Arbroath	29	15.7	9.1	12.4	+0.3	23.7	4	3.5	30	—	—	53	107	16	27	10	8	0	0	0	0	1	2	0	1	—	0	5.35	122	-
Ardtalnaig	130	17.1	8.0	12.5	(+0.7)	26.2	4	1.6	30	—	—	120	118	28	23	15	14	0	0	0	0	0	3	0	4	—	0	4.76	—	S
Dall (Rannoch School)	232	16.4	4.4	10.4	—	26.5	3	−2.4	30	—	—	131	—	28	23	17	13	0	0	0	0	0	5	7	7	—	1	—	—	-
Drummond Castle	113	16.8	7.4	12.1	—	25.2	3	−0.1	26	14.3	—	107	—	32	23	19	12	0	0	0	0	1	—	1	8	—	0	5.37	—	-
Dundee	45	16.5	9.2	12.9	+0.4	25.0	4	3.1	30	14.2	—	60	99	14	27	10	9	0	0	0	0	1	2	0	2	—	0	5.73	147	-
Faskally	94	16.8	7.0	11.9	+0.2	26.8	4	−0.5	30	14.7	14.5	79	112	19	23	13	11	1	0	0	0	1	1	1	7	—	0	—	—	-
Forfar	91	16.3	6.8	11.5	—	25.0	4	0.5	26	—	—	56	—	15	23	12	10	0	0	0	0	1	0	0	7	—	0	5.43	—	-
Kindrogan	259	15.6	5.3	10.5	—	24.5	4	−2.9	30	—	—	102	—	27	23	12	12	0	0	0	0	0	0	2	11	—	0	—	—	-
Kinross	116	17.3	6.0	11.7	—	26.8	4	−1.0	12	13.6	—	76	—	22	21	17	12	—	0	—	—	—	3	2	—	—	—	5.40	—	-
Montrose	55	16.2	8.3	12.3	+0.4	24.8	4	2.4	30	14.3	—	31	55	11	21	13	6	0	0	0	0	0	1	0	7	—	1	—	—	-
Mylnefield (A)	30	16.7	8.4	12.5	+0.3	24.5	4	1.5	30	13.9	13.3	46	81	11	23	11	9	0	0	0	0	1	1	0	4	—	0	5.32	131	-
Perth Aerodrome (A)	118	16.3	6.8	11.5	—	25.4	4	−1.4	30	—	—	49	—	13	21,23	15	10	—	0	—	—	—	—	2	—	—	—	—	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average *	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average *	Exposure
1 SCOTLAND E - Continued																														
Tayside - Continued																														
Strathallan	41	17.7	8.1	12.9	–	26.9	4	0.9	12	–	–	62	–	20	21	12	9	0	0	0	0	1	2	0	–	–	0	–	–	–
Tummel Bridge	161	16.6	5.3	10.9	–	26.0	3	-2.2	12	–	–	105	–	27	21	15	12	–	–	–	–	–	–	5	–	–	–	–	–	–
Whitehillocks	258	15.3	6.4	10.9	–	24.2	4	0.5	12	–	–	57	–	21	21	14	9	0	0	0	0	1	0	0	6	–	0	–	–	S
Fife																														
Belliston	82	16.1	9.0	12.5	–	23.2	4	4.6	30	14.3	–	48	77	11	27	14	11	0	0	0	0	1	0	0	0	–	0	–	–	–
Cupar	42	17.1	8.0	12.5	–	25.6	4	1.8	30	14.5	–	43	–	13	21	11	9	0	0	0	0	1	–	0	4	–	2	5.42	–	–
Fife Ness	12	16.0	9.6	12.8	–	20.6	4	4.4	30	–	–	–	–	–	–	–	–	0	0	0	0	1	0	0	0	–	1	–	–	–
Leuchars (A)	10	17.1	7.6	12.3	0.0	25.9	4	1.8	26	13.9	–	42	82	12	21	12	7	0	0	0	0	1	0	0	9	1	2	5.64	134	–
Lothian																														
Bush House	184	16.3	7.2	11.7	+0.2	24.6	4	-0.9	12	13.9	14.0	73	99	15	21	16	11	0	0	1	0	1	2	1	6	–	0	4.96	132	–
Dunbar	23	16.6	9.4	13.0	+0.2	22.6	16	5.0	26	13.4	–	57	121	15	26	13	8	0	0	0	0	1	3	0	–	–	1	5.59	126	–
Edinburgh																														
East Craigs	61	17.0	8.2	12.6	+0.3	23.8	4	0.4	12	14.1	–	69	120	13	24	13	10	0	0	0	0	2	0	0	6	–	1	5.36	(141)	–
Royal Botanic Garden	26	16.8	9.2	13.0	+0.3	26.7	4	1.5	12	13.6	–	75	131	12	21	14	11	0	0	0	1	1	0	0	4	–	0	5.28	133	–
Royal Observatory Blackford Hill (A)	134	(12.0)	(8.0)	10.0	–	–	–	–	–	–	–	(65)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	(5.00)	–	–
Turnhouse Airport (A)	35	17.2	8.3	12.7	+0.3	24.7	4	-0.4	12	14.2	–	67	115	13	21	14	10	0	0	0	1	1	1	1	4	1	1	4.94	134	–
Haddington	41	17.1	8.1	12.6	–	24.4	4	2.6	11	–	–	49	–	13	21	12	10	0	0	0	0	0	4	0	–	–	0	–	–	–
Livingston	125	16.8	7.7	12.3	–	25.5	4	-0.1	12	13.4	–	102	–	27	21	14	13	0	0	0	0	1	1	2	–	–	0	–	–	–
Nunraw Abbey	197	16.1	8.3	12.2	–	23.4	1	0.6	11	–	–	57	–	16	21	14	10	–	0	–	–	–	–	0	–	–	–	–	–	–
Penicuik	185	16.4	6.3	11.3	(-0.2)	25.8	4	-1.5	12	13.9	–	79	105	21	21	15	12	0	0	0	0	0	2	2	5	–	0	4.80	(138)	–
Borders																														
Blyth Bridge	253	15.7	6.5	11.1	+0.1	23.8	4	-0.6	26	–	–	78	95	25	21	15	13	0	0	0	0	1	1	2	10	–	0	5.24	154	–
Blythe	262	16.8	7.0	11.9	–	23.5	1	0.5	26	11.6	–	65	–	13	21	14	12	–	0	–	–	–	4	0	9	–	–	5.46	–	–
Bowhill (Selkirk)	168	16.8	6.8	11.8	+0.2	24.1	1, 4	-1.4	12	14.3	–	52	70	18	21	15	9	0	0	0	0	0	1	1	6	–	0	–	–	–
Carterhouse	308	15.4	6.2	10.8	–	21.7	4	-0.8	12	13.8	13.5	59	–	17	21	14	8	–	0	–	–	–	5	1	4	4	–	–	–	–
Floors Castle	59	17.2	7.1	12.1	–	24.3	1	-0.7	12	–	–	42	74	13	21	12	7	0	0	0	0	2	1	–	–	–	1	–	–	–
Galashiels	198	16.3	7.0	11.7	–	23.3	4	-1.3	12	–	–	48	–	17	21	13	10	0	0	0	0	0	5	1	1	–	0	4.97	–	–
Glentress	165	18.3	6.4	12.3	(+0.8)	26.3	4	-1.9	12	–	–	60	82	17	21	14	10	–	0	–	–	–	–	1	–	–	–	–	–	–
Greycrook	76	17.9	6.1	12.0	–	25.3	4	-1.8	12	14.6	–	46	–	17	21	10	7	0	0	0	0	1	1	1	6	–	1	–	–	–
Kelso	34	17.9	7.5	12.7	–	24.7	1, 4	-0.2	12	14.8	–	46	–	15	21	12	8	0	0	0	0	0	0	1	7	–	1	–	–	–
St Abbs Head	75	15.9	10.1	13.0	–	21.5	16	6.1	23	–	–	–	–	–	–	–	–	0	0	0	0	1	1	0	1	0	2	–	–	–
West Linton	244	15.9	6.2	11.1	+0.2	23.6	4	-1.5	26	14.1	14.2	75	88	22	21	15	12	0	0	0	0	0	0	2	2	–	0	–	–	–
6 SCOTLAND W																														
Strathclyde																														
Abington	247	–	–	–	–	–	–	–	–	–	–	(80)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ardentinny	5	16.6	8.3	12.5	–	24.2	4	0.6	30	14.4	14.9	(216)	–	57	23	17	16	0	0	0	0	0	0	0	4	–	1	–	–	–
Aros	37	16.6	7.6	12.1	–	25.0	2	0.8	27	–	–	183	–	37	23	14	13	–	0	–	–	–	–	0	–	–	–	–	–	–
Auchincruive	48	17.1	8.4	12.7	+0.3	24.7	2	1.6	26,30	13.8	13.7	92	92	29	21	16	13	0	0	0	0	0	0	0	4	–	0	5.66	147	–
Benmore (Younger Botanic Garden)	12	16.9	8.2	12.5	(+0.3)	25.1	4	0.7	12	15.0	–	205	94	48	23	16	16	0	0	0	0	0	0	0	4	–	0	–	–	–
Black Mount	175	16.2	6.4	11.3	–	25.8	3	-2.3	30	–	–	274	–	65	23	16	15	0	0	0	0	0	4	2	–	–	2	–	–	–
Brodick Castle	15	17.1	8.9	13.0	–	24.9	3	2.6	30	15.1	–	125	–	23	21	14	14	0	0	0	0	1	1	0	3	–	0	–	–	–
Camps Reservoir	295	15.1	4.8	9.9	(-0.4)	23.6	1, 4	-1.9	26,27	–	–	103	–	30	21	15	14	0	0	0	0	1	–	2	–	–	1	5.66	–	–
Carnwath	208	16.9	5.3	11.1	+0.3	25.0	4	-2.1	12	13.1	–	62	76	18	21	14	11	0	0	0	0	1	1	2	8	3	4	–	–	–
Colonsay Hotel	15	16.4	9.9	13.1	–	23.5	4	2.6	30	–	–	85	–	17	13	16	13	0	0	0	0	0	0	0	0	–	5	5.67	–	–
Cumnock	99	17.3	7.7	12.5	–	25.6	4	-0.2	29	14.2	–	87	–	18	21	13	10	0	0	0	0	0	0	1	1	–	0	–	–	S
Dalry	32	17.4	8.6	13.0	–	24.7	4	0.6	26,30	–	–	103	–	19	21	16	14	0	0	0	0	0	–	0	–	–	0	–	–	–
Drumclog	227	16.2	6.4	11.3	–	24.1	3	-1.2	30	–	–	109	–	25	21	14	14	0	0	0	0	1	0	2	5	–	0	–	–	–
Dunstaffnage (A)	3	16.6	9.0	12.8	–	24.6	2	2.0	26	14.3	–	159	–	34	23	15	15	0	0	0	0	0	0	0	–	–	0	4.97	–	–
East Kilbride	178	16.4	7.7	12.1	–	25.7	4	1.2	29	–	–	127	–	28	21	15	12	0	0	0	0	0	–	0	5	–	0	5.59	–	–
Girvan	8	17.1	9.6	13.3	–	24.5	1	2.4	29	–	–	63	–	24	21	13	12	0	0	0	0	0	0	0	0	–	1	5.92	–	–
Glasgow Abbotsinch Airport (A)	5	17.5	7.6	12.5	–	25.7	4	-0.3	12	14.7	–	93	98	23	21	16	11	0	0	0	0	0	2	1	4	2	0	5.19	–	–
Springburn Park	107	16.1	8.2	12.1	0.0	24.2	4	2.2	26	–	–	(110)	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Helensburgh	96	16.4	8.5	12.5	–	25.0	4	2.0	30	–	–	115	–	35	23	17	14	–	0	–	–	–	–	0	–	–	–	5.14	–	–
Hunterston	8	16.6	10.2	13.4	+0.5	23.2	4	2.4	27	–	–	78	–	15	22	15	11	0	0	0	0	0	0	0	–	–	0	–	–	–
Inverinan Mor	70	16.5	7.3	11.9	–	25.6	2	1.0	30	–	–	271	–	65	23	15	15	0	0	0	0	1	2	0	–	–	0	–	–	–
Leadhills	388	15.7	4.6	10.1	–	24.8	4	-1.9	30	–	–	103	–	35	21	16	11	0	0	0	0	1	2	3	10	–	0	–	–	–
Lochgilphead	5	17.0	8.4	12.7	–	24.6	2	0.9	30	–	–	162	–	37	23	14	14	–	0	–	–	–	–	0	–	–	–	–	–	–
Lochranza	46	16.2	9.5	12.9	–	23.0	4	3.0	30	–	–	124	–	23	21	15	13	–	–	–	–	–	–	0	–	–	–	–	–	–
Machrihanish (A)	10	16.4	8.9	12.7	(0.0)	22.1	1	1.1	27	–	–	77	–	20	21	14	12	–	–	–	–	–	–	0	–	–	–	–	–	–
Millport	5	17.2	10.3	13.7	(+0.8)	24.0	2	5.0	27,29, 30	–	–	88	75	16	21	14	12	–	0	–	–	–	–	0	–	–	–	–	–	–
Motherwell (Strathclyde Park)	24	17.8	7.0	12.4	–	26.3	4	-0.4	29	–	–	89	–	22	21	13	12	0	0	1	0	1	1	1	–	–	0	–	–	–
Orsay	23	15.3	10.6	12.9	–	19.8	4	5.2	29	–	–	91	–	17	21	15	13	0	0	0	0	0	0	0	0	0	3	–	–	–
Paisley (A)	32	17.4	8.8	13.1	+0.2	25.7	4	2.0	29	15.0	14.7	120	112	27	23	16	14	0	0	0	0	0	2	0	3	–	0	5.02	139	–
Pollok Country Park	16	(17.0)	(8.0)	12.5	–	–	–	–	–	–	–	115	–	–	–	–	–	0	0	0	0	1	–	–	–	–	0	–	–	–
Prestwick (A)	16	17.6	8.4	13.0	+0.4	25.7	4	0.4	29	14.5	–	87	91	28	21	16	13	0	0	0	0	1	0	0	6	2	0	5.96	150	–
Rothesay	43	17.2	9.8	13.5	(+0.9)	25.0	4	3.3	30	14.0	14.0	113	82	23	21	14	13	0	0	0	0	0	0	0	3	–	6	5.77	–	–
Salsburgh	260	15.4	7.3	11.3	–	24.3	4	2.0	29,30	–	–	109	–	20	23	14	13	–	–	–	–	–	–	0	–	–	–	–	–	–
Saughall	221	16.1	6.8	11.5	–	24.2	4	-0.2	30	13.3	13.3	119	–	24	21	14	13	0	0	0	1	1	1	1	6	3	2	5.80	–	–
Tiree (A)	9	15.3	9.9	12.6	+0.3	21.2	4	3.3	30	13.8	–	109	89	23	21	16	15	0	0	0	0	0	0	0	3	2	2	5.73	146	–
Uplawmoor	128	15.7	7.3	11.5	–	23.6	4	-0.9	30	–	–	153	–	29	23	17	14	0	0	0	0	0	1	1	6	–	2	–	–	–
Central																														
Aberfoyle	27	16.9	6.7	11.8	–	25.4	4	-0.9	26	–	–	133	–	38	23	19	16	–	0	–	–	–	–	1	–	–	–	–	–	–
Arrochymore	30	17.5	7.7	12.6	–	25.8	4	1.1	12	13.9	–	146	–	–	–	–	–	–	0	–	–	–	1	0	8	–	–	4.63	–	S
Balquhidder	136	16.5	7.7	12.1	–	25.1	4	1.1	12	14.3	–	197	–	44	23	17	17	0	0	0	0	0	–	0	–	–	0	–	–	S
Falkirk	3	17.4	8.6	13.0	–	26.0	4	1.5	12,26	–	–	98	–	30	23	13	12	–	0	–	–	–	–	0	–	–	–	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of 1951-80 average*	Exposure
6 SCOTLAND W - Continued																														
Central - Continued																														
Grangemouth (BP Refinery)	2	17.7	9.7	13.7	–	26.1	4	2.5	12	–	–	70	–	19	21	13	11	0	0	0	0	0	0	0	–	–	1	–	–	–
Loch Venachar	84	16.5	7.9	12.2	–	25.3	4	1.0	12	–	–	142	–	39	23	16	14	0	0	0	0	0	1	0	3	–	2	–	–	–
Mugdock Park	165	16.4	7.7	12.1	–	25.0	5	2.0	12	13.0	–	151	–	51	23	16	14	–	0	–	–	–	–	0	–	–	–	–	–	–
Parkhead	35	17.0	7.8	12.4	–	25.2	4	0.6	26	14.9	–	92	–	26	21	14	11	–	0	–	–	–	2	0	–	–	–	–	–	–
Stirling (Sewage Works)	7	17.7	8.5	13.1	–	26.3	4	0.2	12	–	–	85	–	23	21	14	12	–	0	–	–	–	–	0	1	–	–	5.32	–	–
Tyndrum	168	16.0	6.3	11.1	–	25.5	3	-3.2	12	–	–	273	–	59	23	17	16	0	0	0	0	0	–	3	–	–	2	–	–	–
Dumfries & Galloway																														
Auchen Castle	184	16.2	5.8	11.0	–	23.8	4	-0.8	12	–	–	93	–	34	21	12	12	0	0	0	0	0	1	2	6	–	0	–	–	–
Bargrennan	110	17.9	6.3	12.1	+0.6	26.8	2, 4	0.0	26	–	–	66	44	20	21	13	10	–	0	–	–	–	–	0	–	–	–	–	–	–
Clatteringshaws	178	16.6	6.7	11.7	–	24.3	2	-0.5	30	–	–	112	60	39	21	13	10	–	0	–	–	–	0	1	–	–	–	5.21	–	S
Corsewall Point	15	16.1	9.8	12.9	–	20.9	1	4.2	30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Creebridge	18	18.7	7.9	13.3	–	28.0	2	1.3	27	–	–	58	–	23	21	11	8	–	0	–	–	–	–	0	–	–	–	–	–	–
Dumfries	49	17.5	8.1	12.8	+0.5	24.0	1, 2	3.2	26	15.0	15.0	53	51	25	21	11	10	–	0	–	–	–	0	0	2	–	–	5.76	156	S
Dumfries (Drungans)	28	18.1	8.3	13.2	–	25.2	2	2.6	26	–	–	57	–	25	21	10	8	–	–	–	–	–	–	0	1	–	–	–	–	–
Eskdalemuir (A)	242	15.8	6.3	11.1	+0.2	22.9	1, 4	-0.3	12	14.0	13.6	103	73	27	21	14	11	0	0	0	0	0	2	1	7	2	0	4.96	152	–
Glenlee	55	17.7	5.8	11.7	-0.2	25.7	2	-1.0	26	–	–	96	67	32	21	13	10	–	0	–	–	–	–	2	13	–	–	–	–	–
Glenlochar Barrage	47	17.7	8.0	12.9	+0.7	24.8	1, 2	1.7	30	–	–	72	59	26	21	9	8	0	0	0	0	0	0	0	–	–	1	–	–	–
Penwhirn	166	16.1	7.5	11.8	(+0.5)	25.0	2	2.0	27	–	–	86	56	28	21	12	9	0	0	0	0	0	3	0	4	–	0	–	–	–
Threave	73	17.6	7.7	12.7	+0.5	24.5	2	0.7	30	15.0	–	73	59	24	21	12	11	0	0	0	0	2	0	0	7	–	2	–	–	–
Whithorn	40	16.9	9.1	13.0	–	23.0	2	2.2	30	14.6	–	46	–	14	21	9	7	0	0	0	0	2	0	0	–	0	0	6.64	–	–
2 ENGLAND E & N E																														
Northumberland																														
Boulmer (A)	23	17.0	9.0	13.0	–	22.1	16	3.7	12	14.0	14.2	31	–	19	27	8	5	0	0	0	0	0	0	0	0	0	1	5.78	–	–
Cockle Park	99	17.2	(8.5)	12.9	+0.8	22.4	13	3.8	27	(13.2)	–	17	27	5	15	9	6	0	0	0	0	0	–	0	3	–	1	(5.02)	128	–
Haydon Bridge	82	18.1	7.7	12.9	+0.6	22.3	1	-0.9	12	14.8	–	42	–	8	21	12	8	0	0	0	0	0	0	1	–	–	1	–	–	–
Kielder Castle	201	(16.6)	(5.5)	11.1	+0.1	24.7	1	-2.3	12	(14.4)	–	73	71	19	21	11	10	0	0	0	0	0	–	1	–	–	2	–	–	–
Redesdale	235	15.6	6.1	10.9	–	20.8	6	-0.3	12	13.1	–	47	–	11	14	13	8	–	0	–	–	–	5	1	8	–	–	4.92	–	–
Tyne & Wear																														
Newcastle Weather Centre (X)	52	17.3	9.9	13.6	–	22.6	16	4.5	12	–	–	14	–	5	15	7	4	0	–	0	0	0	0	0	–	0	0	5.23	–	–
South Shields	5	17.3	9.9	13.6	–	22.5	16	4.5	27	–	–	19	–	6	15	9	6	0	0	0	0	0	0	0	–	–	0	–	–	–
Sunderland Polytechnic	56	17.3	10.3	13.8	–	22.5	16	4.2	12	–	–	17	–	5	15	9	7	0	0	0	0	0	0	0	–	0	0	5.33	–	–
Tynemouth	30	16.5	10.2	13.3	+0.3	22.4	16	5.1	30	–	–	17	31	6	15	8	3	0	0	0	0	0	1	0	0	–	2	5.26	131	–
Durham																														
Durham	102	18.1	7.5	12.8	+0.2	24.1	7	-0.5	12	14.6	14.6	24	45	5	28	11	10	–	0	–	–	–	0	1	3	–	–	5.19	131	–
Low Etherley	155	17.7	7.4	12.5	–	23.7	7	0.2	12	13.7	12.7	33	–	13	28	11	7	0	0	0	0	0	0	0	10	0	1	–	–	–
Widdybank Fell	513	14.2	6.0	10.1	–	20.0	2	0.5	27	11.3	–	100	–	27	14	14	10	–	0	–	–	–	2	0	7	–	–	5.89	–	–
Cleveland																														
North Yorkshire																														
Askham Bryan	33	19.7	8.3	14.0	+0.9	25.2	1	2.2	28	–	–	23	40	4	21	10	8	0	0	0	0	2	0	0	0	–	0	5.51	139	S
Cawood	6	19.7	8.8	14.3	+1.2	25.4	1	2.9	12	17.0	17.5	22	42	7	26	8	6	0	0	0	0	1	0	0	0	–	0	5.95	151	–
Church Fenton	8	19.7	–	–	–	25.7	1	–	–	–	–	27	–	11	26	12	7	–	–	–	–	–	–	–	–	–	–	–	–	–
Fylingdales	262	16.2	8.2	12.2	–	21.8	13	4.1	30	–	–	35	–	9	21	13	9	0	–	–	–	–	–	0	–	–	–	–	–	–
Harrogate (Bilton)	66	18.6	8.1	13.3	+0.7	24.2	1	1.0	12	–	–	34	53	14	26	13	9	0	0	0	0	0	2	0	0	–	1	4.92	117	–
High Mowthorpe	175	17.7	9.3	13.5	+1.0	22.8	13	3.5	30	14.4	–	30	49	8	29	10	7	–	0	–	–	–	0	0	1	–	–	–	–	–
Linton-on-Ouse	14	19.8	9.0	14.4	–	25.1	7	2.1	12	–	–	26	–	6	26	9	7	–	–	–	–	–	–	0	–	–	–	–	–	–
Leeming (A)	32	18.7	9.2	13.9	(+0.7)	25.0	7	2.2	12	15.3	15.6	37	74	22	26	11	7	0	0	0	0	0	0	0	1	0	0	5.48	–	–
Malham Tarn	381	15.5	7.8	11.7	+0.9	23.2	5	2.1	30	13.0	–	70	–	16	23	14	11	0	0	0	0	0	1	0	1	–	0	5.16	–	–
Scarborough	110	17.1	10.2	13.7	–	23.5	13	5.7	30	14.7	15.0	24	–	6	29	8	7	0	0	0	0	0	4	0	–	–	0	5.61	–	–
Whitby	41	17.4	10.0	13.7	(+0.5)	23.6	9	3.0	12	14.6	14.7	16	–	5	15	10	7	0	0	0	0	0	0	0	0	–	0	5.01	112	–
Whitby Coastguard	60	17.1	10.0	13.5	(+0.7)	23.0	9,13	3.0	12	–	–	13	–	5	15	8	5	0	0	0	0	0	0	0	0	0	0	–	–	–
Wycliffe Hall	120	19.3	6.7	13.0	–	23.1	9	0.8	12	–	–	34	–	11	28	15	9	0	0	0	0	0	0	0	1	–	0	–	–	–
Wykeham Forest	211	–	–	–	–	–	–	–	–	–	–	31	–	7	29	10	8	–	0	–	–	–	–	–	–	–	–	–	–	–
Humberside																														
Cleethorpes	23	19.0	10.8	14.9	–	24.3	14	5.9	28	–	–	48	–	26	28	9	5	–	0	–	–	–	1	0	0	0	–	5.83	–	–
Hull	2	19.5	10.8	15.1	+0.9	24.3	16	4.8	12	16.1	16.6	60	115	42	28	9	5	0	–	0	0	1	–	0	1	–	0	–	–	S
Lincolnshire																														
Coningsby (A)	6	20.1	9.5	14.8	–	27.4	1	3.8	20	–	–	100	–	51	28	8	7	0	0	0	0	1	0	0	2	0	0	–	–	–
Covenham	3	–	–	–	–	–	–	–	–	–	–	57	–	35	28	5	4	–	–	–	–	–	–	–	–	–	–	–	–	–
Cranwell (A)	62	20.1	9.6	14.9	+1.4	28.0	1	3.6	28	–	–	72	156	50	28	7	7	–	–	–	–	–	–	0	–	–	–	–	–	–
Driby	41	18.9	8.6	13.7	–	24.4	14	2.8	12	–	–	76	–	45	28	8	7	–	–	–	–	–	–	0	–	–	–	–	–	–
Kirton	4	19.7	9.1	14.4	–	24.8	1	2.6	12	15.2	14.8	65	–	42	28	10	8	0	0	0	1	0	0	6	–	0	6.36	–	–
Lincoln (Canwick)	7	20.1	9.5	14.8	–	27.0	1	4.0	21	15.6	15.4	101	–	51	26	8	7	0	0	1	0	1	0	0	0	–	0	–	–	–
Scampton	58	19.5	9.6	14.5	–	26.2	1	4.4	7	–	–	63	–	21	28	9	9	–	–	–	–	–	–	0	–	–	–	–	–	–
Skegness	5	18.8	11.0	14.9	(+0.8)	24.7	14	5.9	20	–	–	64	136	42	28	9	8	–	0	–	–	–	0	0	–	–	–	(6.36)	128	–
Waddington (A)	68	19.7	9.8	14.7	+1.1	27.5	1	5.1	28	16.4	16.5	73	155	41	28	8	8	0	0	0	2	0	0	0	0	0	0	6.50	141	–
3 EAST ANGLIA																														
Norfolk																														
Bressingham	30	20.4	(8.9)	14.7	–	28.2	2	2.5	20	–	–	54	–	33	28	11	7	0	0	0	0	0	–	0	2	0	0	–	–	–
Coltishall (A)	18	19.8	10.0	14.9	(+0.9)	26.7	1	4.3	19	–	–	71	134	35	28	11	9	0	0	0	0	0	0	0	2	0	0	–	–	–
Cromer	54	18.7	11.8	15.3	+1.1	26.0	14	6.1	28	–	–	64	118	34	28	10	10	0	0	0	0	0	0	0	0	–	0	6.22	119	–
Denver	2	20.3	(9.6)	14.9	–	28.9	1	1.3	20	16.5	16.3	49	–	18	28	11	10	–	0	–	–	–	0	0	–	–	–	6.25	–	S
Hemsby (A)	13	19.1	10.6	14.9	–	24.9	14	4.7	28	15.4	15.7	88	–	40	28	10	7	0	0	0	0	0	0	0	0	0	0	5.77	–	–
Hunstanton	15	18.6	11.3	14.9	–	24.0	14,21	5.3	12	–	–	59	–	32	28	10	7	0	–	0	0	0	–	0	–	–	0	6.56	–	–
Marham (A)	21	20.4	9.4	14.9	+1.0	28.6	1	3.5	20	–	–	47	97	19	28	12	7	0	0	0	1	0	0	4	0	0	0	6.59	–	–
Morley St Botolph	46	19.7	8.8	14.3	–	26.6	2	3.0	19	15.9	–	53	–	27	28	12	7	0	0	0	0	0	0	0	2	–	0	6.85	–	–
Norwich Weather Centre	15	19.7	11.2	15.5	–	26.4	2	5.9	28	–	–	67	–	35	28	11	9	–	–	–	–	–	0	0	–	–	–	6.57	–	–
South Raynham	68	20.0	9.2	14.6	–	28.5	1	3.1	12	–	–	48	–	17	28	12	9	0	0	0	0	0	0	0	0	–	0	–	–	–
Terrington St Clement	2	19.8	9.4	14.6	+0.7	29.0	1	2.9	20	15.6	–	49	104	25	28	9	9	0	0	0	0	0	0	0	1	–	0	6.39	135	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
3 EAST ANGLIA - Continued																														
Cambridgeshire																														
Boxworth	53	20.1	10.1	15.1	(+1.1)	29.0	1	4.5	28	–	–	49	–	24	28	12	8	0	0	0	0	1	0	0	–	0	5.99	(121)	–
Cambridge Botanic Garden	12	20.9	9.5	15.2	+1.0	29.5	1	1.7	20	16.1	16.4	47	99	24	28	12	8	0	0	0	0	0	0	2	–	0	–	–	–
National Institute of Agricultural Botany	24	20.5	–	–	–	28.6	1	–	–	–	–	47	99	23	28	12	7	0	0	0	0	0	–	0	–	0	5.87	121	–
March	2	20.9	10.0	15.5	–	29.4	1	3.9	28	–	–	47	103	18	28	11	7	–	0	–	–	–	–	0	–	–	–	–	–
Marholm	21	21.3	9.0	15.1	–	29.8	1	2.4	20	–	–	56	–	28	28	7	5	0	0	0	0	0	0	0	3	–	0	–	–	–
Mepal	-2	21.0	8.8	14.9	–	29.5	1, 2	2.2	20	16.4	16.5	34	–	21	28	10	8	0	0	0	0	0	0	0	3	–	0	6.02	–	–
Monks Wood	39	20.6	9.2	14.9	(+1.2)	29.1	1	2.0	20	16.0	16.2	64	–	22	27	9	8	0	0	0	0	0	0	0	0	–	0	6.13	–	–
Wittering	73	20.2	10.0	15.1	+1.3	28.6	1	4.5	20	–	–	61	–	32	28	9	8	–	–	–	–	–	–	0	–	–	–	–	–	–
Wyton (A)	40	20.3	10.4	15.3	+1.1	29.1	1	4.1	28	–	–	47	106	20	28	12	7	0	0	0	0	0	0	0	0	0	6.20	–	–
Suffolk																														
Brooms Barn	75	20.4	10.0	15.2	(+1.1)	28.6	2	3.5	28	15.9	16.5	51	–	28	28	11	8	0	0	0	0	0	0	0	–	0	6.75	(137)	–
Cavendish	55	20.8	8.7	14.7	–	28.3	1	1.7	20	16.1	–	50	–	26	28	9	7	0	0	0	0	0	0	1	–	0	6.37	–	–
East Bergholt	5	(21.0)	(8.6)	14.8	+0.6	27.5	2	2.4	28	–	–	44	92	15	28	10	7	0	0	0	0	0	–	0	4	–	0	–	–	–
Honington (A)	51	20.5	9.5	15.0	–	29.1	2	2.2	28	–	–	49	–	22	28	12	8	0	0	0	0	0	0	0	2	0	0	6.67	–	–
Levington	22	20.2	10.5	15.3	–	27.1	3	4.5	28	16.1	–	83	–	30	26	12	9	0	0	0	0	1	0	0	1	–	0	6.18	–	–
Lowestoft	25	19.2	11.5	15.3	+0.9	25.1	2	5.7	28	16.4	16.7	47	86	14	28	12	7	0	0	0	0	0	0	0	0	0	0	5.73	111	–
Wattisham (A)	89	20.0	10.1	15.1	+1.3	27.0	2	4.9	19	–	–	53	108	22	28	12	8	0	0	0	0	1	0	2	0	0	6.49	–	–
Westleton	10	18.9	10.5	14.7	–	23.2	3,14	5.0	28	–	–	63	–	26	28	11	10	0	0	0	0	0	0	0	–	0	–	–	–
Bedfordshire																														
Bedford (A)	85	19.8	9.6	14.7	–	28.4	1	4.7	20	–	–	68	147	25	26	11	9	–	–	–	–	–	–	0	–	–	–	–	–	–
Woburn	89	20.1	8.9	14.5	+1.0	28.6	1	1.5	20	16.3	15.8	91	168	33	26	13	11	0	0	0	1	–	0	3	–	0	5.93	131	–
Hertfordshire																														
Aldenham School	91	20.9	9.9	15.4	–	28.1	1	3.6	20	15.1	–	58	–	25	26	12	8	0	0	0	1	0	0	0	0	0	–	–	–
Rothamsted	128	19.6	9.1	14.3	+0.7	27.7	1	3.3	28	15.3	14.9	61	104	28	26	13	11	0	0	0	1	–	0	6	–	0	6.14	131	–
Stanstead Abbotts	30	(20.8)	(9.6)	15.2	–	28.7	1	2.4	20	–	–	43	–	12	26	10	8	–	0	–	–	–	–	0	–	–	–	–	–	–
Essex																														
Clacton-on-Sea	16	19.0	11.9	15.5	+0.6	23.1	3	7.9	19,30	16.8	16.3	43	79	11	28	12	8	0	0	0	0	0	0	0	0	–	0	5.97	114	–
Halstead	70	20.4	9.8	15.1	–	27.2	1	4.4	17	15.7	15.7	53	–	23	28	11	7	0	0	0	0	1	0	–	–	0	–	–	–
Rettendon	16	20.3	10.5	15.4	–	26.2	1	5.6	19,20	–	–	53	–	11	29	12	8	0	0	0	2	0	0	0	–	0	5.63	–	–
Shoeburyness Landwick (A)	2	19.9	10.9	15.4	–	25.5	3	4.5	20	–	–	39	–	13	26	9	8	–	–	–	–	–	–	0	–	–	–	–	–	–
Southend	2	(20.4)	10.5	15.5	–	26.1	4	4.1	19,20	–	–	44	–	13	26	8	8	0	0	0	0	1	0	–	–	0	–	–	–
Stansted (A)	101	20.0	10.0	15.0	+1.1	28.0	1	4.6	28	15.4	–	40	75	12	28	12	8	0	0	0	1	0	0	2	0	0	–	–	–
Writtle	35	20.7	8.7	14.7	+0.7	27.4	1	1.3	20	16.2	–	43	77	13	28	8	8	0	0	0	1	0	0	6	–	0	6.27	132	–
4 MIDLAND COUNTIES																														
West Yorkshire																														
Bradford	134	18.2	9.5	13.9	+1.0	23.9	1	2.6	30	14.7	14.9	36	47	8	26	12	9	0	0	0	0	0	0	1	–	0	5.12	135	S
Bramham	54	19.3	8.9	14.1	+1.1	25.5	2	3.2	12	–	–	23	–	5	26	12	6	0	0	0	0	0	0	1	0	0	5.95	(149)	–
Emley Moor	259	17.6	9.1	13.3	–	24.0	1	2.3	30	–	–	25	–	4	21	12	10	0	0	–	–	–	–	0	1	–	–	–	–	–
Holme Moss	520	15.1	7.6	11.3	–	21.5	8	2.5	30	–	–	96	–	21	23	15	15	0	0	0	0	0	9	0	–	–	6	–	–	–
Leeds Weather Centre (X)	62	19.4	10.5	14.9	–	25.5	1	4.4	30	–	–	27	–	11	26	11	4	0	–	0	0	0	0	0	–	–	0	6.03	–	–
Wilsden (A)	262	17.1	8.6	12.9	–	22.6	1	2.8	30	–	–	57	–	22	26	11	10	0	0	0	0	0	1	0	1	–	0	–	–	–
South Yorkshire																														
Finningley (A)	10	20.3	9.1	14.7	–	26.8	1	3.0	28	16.2	–	56	–	34	28	10	5	0	0	0	0	1	0	0	5	0	0	6.08	–	–
Sheffield, Weston Park	131	19.3	9.8	14.5	+0.9	25.6	1	4.7	30	15.7	16.1	37	58	21	28	9	8	0	0	0	0	0	–	0	–	–	0	6.20	158	–
Derbyshire																														
Ashover	178	19.2	8.9	14.1	–	26.2	1	2.7	30	–	–	42	–	23	28	9	7	0	0	0	0	1	0	1	–	0	–	–	–
Buxton	307	17.3	9.0	13.1	+1.4	23.1	5	1.8	30	15.4	15.4	44	40	11	21	12	10	0	0	0	0	0	0	1	–	0	6.04	165	S
Wingerworth	116	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Nottinghamshire																														
Clarborough	21	20.7	9.0	14.9	–	26.5	1	3.0	7	16.1	15.9	53	–	21	28	9	6	–	0	–	–	–	0	0	4	–	–	5.90	–	S
Keyworth	69	19.9	10.2	15.1	–	27.8	1	3.9	30	–	–	59	–	42	28	7	6	0	0	0	0	0	0	3	–	0	–	–	–
Southwell	70	20.1	9.7	14.9	–	27.5	2	4.5	20	16.0	15.8	60	–	32	28	8	8	–	0	–	–	–	0	0	0	–	–	5.39	–	S
Sutton Bonington	48	20.4	9.3	14.9	+1.6	28.3	1	1.4	20	15.0	14.8	47	92	34	28	7	6	0	0	0	0	0	0	6	1	0	5.91	138	–
Warsop	46	20.3	8.0	14.1	+1.2	27.5	1	0.8	20	–	–	51	100	25	28	10	7	0	0	0	0	0	0	3	–	0	5.93	143	–
Nottingham W.C. (A)	117	19.8	9.8	14.8	+1.4	27.3	1	4.6	30	15.5	–	51	86	36	28	9	6	0	0	0	0	1	0	2	0	0	5.89	151	–
Wiseton	6	20.2	7.5	13.9	–	26.5	1	1.9	7,29	–	–	60	–	30	28	8	6	0	0	0	0	0	4	0	–	–	0	6.00	–	–
Staffordshire																														
Cellarhead	228	17.8	8.3	13.1	–	27.3	1	0.2	30	–	–	35	–	7	15	11	10	0	0	–	–	–	–	0	5	1	–	–	–	–
Keele (A)	179	18.7	9.4	14.1	+1.4	25.0	2	2.4	30	14.2	14.3	51	70	12	26	12	8	0	0	0	0	0	0	2	0	0	5.88	153	S
Penkridge	101	19.8	9.7	14.7	+1.9	26.2	1	3.0	30	–	–	45	72	23	28	10	9	0	0	0	0	0	0	4	–	0	(5.23)	–	–
Leicestershire																														
Brooksby Hall	70	19.8	7.9	13.9	–	27.8	1	0.0	20	14.8	–	65	–	47	28	10	7	0	0	0	0	0	3	0	7	–	0	5.76	–	–
Caldecott	53	20.3	8.8	14.5	+1.3	28.0	1	0.9	20	–	–	69	149	31	28	10	7	0	0	0	0	0	0	2	–	0	5.84	135	–
Cottesmore	138	19.4	9.7	14.5	–	26.9	1	3.9	7	–	–	106	–	54	28	10	8	–	–	–	–	–	–	0	–	–	–	–	–	–
Newtown Linford	119	19.8	9.0	14.4	+1.4	27.6	1	2.6	20	–	–	70	126	41	28	11	8	0	0	0	0	1	0	4	–	0	5.88	144	S
Shropshire																														
Edge	126	19.3	8.8	14.1	–	24.9	2	2.8	20	–	–	39	–	30	28	10	5	0	0	0	0	1	0	7	–	0	–	–	–
Ludlow College	107	(19.3)	8.5	13.9	–	25.2	2	1.4	20	–	–	47	–	36	28	12	5	0	0	0	0	1	–	0	–	–	0	–	–	–
Nethercott	150	19.7	8.7	14.2	–	24.5	2	3.2	7,26	–	–	54	–	34	28	10	6	0	0	0	0	2	1	0	5	–	0	–	–	–
Newcastle-on-Clun	210	18.7	7.7	13.2	–	25.0	5	2.4	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Oswestry School	139	19.4	8.4	13.9	–	26.6	5	3.0	30	–	–	49	–	30	28	10	9	0	0	0	0	1	0	–	–	0	–	–	–	–
Pennerley	357	17.9	8.2	13.1	–	23.4	1, 2	2.0	24	–	–	77	–	63	28	12	6	0	0	0	0	0	3	0	2	–	0	–	–	–
Preston Montford	67	20.1	7.5	13.8	–	25.2	2	-0.8	20	14.9	14.9	36	–	23	28	9	6	0	0	0	0	0	1	1	6	–	0	5.75	–	–
Shawbury (A)	72	19.8	8.4	14.1	+1.0	26.0	2	0.7	20	15.1	–	25	40	14	28	11	4	0	0	0	1	1	0	0	6	1	0	5.64	141	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Weather (number of days) Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
4 MIDLAND COUNTIES - Continued																														
West Midlands																														
Birmingham Elmdon Airport (A)	98	20.1	9.2	14.7	+1.5	27.7	1	2.4	20	15.2	–	73	131	31	28	12	8	0	0	0	0	0	0	0	5	0	0	6.05	140	–
Winterbourne	140	19.4	9.6	14.5	–	26.7	1	3.4	20	16.1	15.7	72	–	40	28	13	10	0	0	0	0	0	0	0	4	0	0	6.04	–	–
Halesowen	155	20.1	9.3	14.7	+1.4	27.0	1	3.0	20	15.8	15.7	60	87	39	28	12	7	0	0	0	0	0	1	0	1	0	0	6.03	142	S
Walsall	163	19.7	9.6	14.7	+1.3	27.2	1	3.6	30	–	–	63	–	33	28	10	7	0	0	0	0	–	0	1	1	–	0	–	–	–
Warwickshire																														
Coventry (Bablake)	93	20.1	10.2	15.1	–	27.8	1	3.1	20	17.0	16.4	85	–	42	26	13	8	0	0	0	0	1	0	0	0	0	0	6.10	–	–
Rugby	117	19.9	10.2	15.1	(+1.6)	26.5	1	3.8	20	16.0	16.4	76	144	30	26	14	9	0	0	0	0	0	–	0	0	0	0	–	–	–
Stratford-upon-Avon	49	20.6	8.9	14.7	+1.1	27.3	1	1.2	20	16.8	–	47	90	16	26	11	6	–	0	–	–	–	0	0	(7)	–	1	5.61	130	–
Wellesbourne	47	20.7	9.4	15.1	+1.5	28.4	1	1.6	20	15.8	16.5	50	97	20	26	11	5	0	0	0	0	0	0	0	6	0	0	5.97	133	–
Northamptonshire																														
Moulton Park	122	19.9	9.7	14.8	–	27.7	1	4.2	30	16.4	16.3	79	–	27	26	11	9	0	0	0	0	1	–	0	1	–	0	6.01	–	S
Raunds	59	20.6	9.3	14.9	+1.2	29.0	1	2.5	20	16.8	15.9	59	124	23	26	10	7	0	0	0	0	0	0	0	3	–	0	–	–	S
Hereford & Worcester																														
Astwood Bank	139	20.3	10.0	15.1	–	26.9	1	4.6	30	–	–	40	–	21	28	10	8	0	0	0	0	0	0	0	1	–	0	–	–	–
Barbourne	25	21.4	9.7	15.5	–	27.3	2	1.2	20	–	–	36	–	20	28	11	7	0	0	0	0	1	0	0	4	–	0	–	–	–
Batchley Farm	247	(18.1)	9.7	13.9	–	23.0	2	4.5	30	14.5	–	55	–	43	28	11	5	0	0	0	0	–	0	0	4	–	0	–	–	–
Great Malvern	44	21.3	10.3	15.8	–	27.0	2, 3	2.8	20	–	–	38	–	21	28	9	7	0	–	–	–	–	–	0	–	–	–	–	–	–
Lyonshall	155	18.8	8.7	13.7	+0.7	24.0	2	3.2	20	–	–	58	78	38	28	10	7	–	–	–	–	–	–	0	3	–	–	–	–	–
Madley	77	19.7	8.6	14.1	–	24.9	2	1.2	20	–	–	52	–	40	28	11	8	0	0	0	0	0	0	0	1	–	0	–	–	–
Malvern	62	21.0	10.7	15.9	+1.9	27.0	2	4.1	20	15.5	15.6	40	61	21	28	9	7	0	0	0	0	1	0	0	5	–	0	5.43	123	S
Pershore College of Hort.	40	20.8	10.2	15.5	+1.5	27.5	1	3.2	20	–	–	33	58	14	28	10	6	0	0	0	0	0	0	0	0	–	0	5.26	114	S
Preston Wynne	84	19.6	9.2	14.4	+1.3	24.9	2	1.7	20	–	–	49	78	30	28	11	6	0	0	0	0	0	0	0	5	–	0	5.22	121	–
Ross on Wye	67	20.4	10.1	15.3	+1.6	25.5	3, 5	4.4	30	17.0	–	60	94	37	28	10	7	0	0	0	0	1	0	0	1	–	0	5.88	137	–
Gloucestershire																														
Cheltenham	65	21.4	10.8	16.1	+1.9	28.3	3	6.9	7	–	15.7	81	139	24	28	11	8	0	0	0	0	3	0	0	–	–	2	5.27	116	–
Cirencester	135	(20.3)	(9.5)	14.9	–	26.4	1	4.0	30	(16.3)	–	48	–	22	28	12	9	0	0	0	0	0	–	0	6	–	0	–	–	–
Didbrook Fields	80	20.1	9.8	14.9	–	26.2	2	2.4	20	–	–	61	–	29	28	9	6	0	0	0	0	1	0	0	–	–	0	–	–	–
Randwick	200	18.9	10.2	14.5	–	23.2	2	4.4	30	15.6	–	73	–	24	28	14	10	0	0	2	0	2	0	0	3	–	0	–	–	–
Slimbridge	5	20.2	9.6	14.9	–	25.7	3	2.3	20	–	–	57	–	21	28	14	8	0	0	0	0	2	0	0	6	–	0	–	–	–
Westonbirt	122	19.5	8.9	14.2	–	25.0	3	2.5	20	16.8	16.6	52	–	21	28	11	10	0	0	0	0	1	0	0	1	–	0	5.71	–	S
Oxfordshire																														
Benson (A)	67	20.5	10.3	15.4	–	27.8	1	3.2	7	–	–	52	98	19	25	11	6	–	–	–	–	–	–	0	–	–	–	–	–	–
Brize Norton (A)	81	20.2	10.0	15.1	+1.3	26.5	1	2.5	20	16.0	–	76	–	33	28	13	6	0	0	0	2	0	0	1	1	0	0	5.79	–	–
Oxford (A)	63	20.1	10.5	15.3	+1.0	26.2	1	4.2	21	16.8	16.8	43	70	19	28	10	7	0	0	0	0	0	0	0	0	–	0	5.51	118	–
Shirburn (Model Farm)	108	20.6	9.8	15.2	–	28.3	1	3.1	20	16.2	16.4	52	–	21	28	12	6	0	0	0	1	1	0	4	–	0	–	–	–	–
Wallingford	48	20.6	9.0	14.8	(+1.1)	27.2	1	1.2	20	15.8	15.7	50	–	21	26	11	6	0	0	0	1	–	0	3	–	0	5.42	(117)	S
Buckinghamshire																														
Grendon Underwood	67	20.5	7.8	14.1	+1.1	27.7	1	-0.7	20	15.6	–	52	91	20	26	8	7	–	0	–	–	–	0	1	4	–	–	–	–	–
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	20.9	10.3	15.6	(+0.7)	27.9	1	3.1	28	–	–	41	66	11	26	8	7	0	0	0	0	1	0	0	0	–	0	5.49	118	–
Hampstead	137	20.0	11.1	15.5	+1.3	27.8	1	6.1	30	–	–	48	–	12	26	9	8	0	0	0	0	1	0	0	0	–	0	–	–	–
Heathrow Airport (A)	25	21.4	11.5	16.5	+1.6	29.7	1	6.5	20	–	–	44	78	12	28	9	7	0	0	0	0	1	0	0	0	0	0	6.10	127	–
Kew Royal Botanic Gardens	6	21.7	10.3	16.0	–	29.3	1	4.0	20	16.2	16.3	67	115	29	26	10	8	0	0	0	0	1	0	0	1	0	0	6.10	–	S
London Weather Centre (A) (X)	77	21.0	13.2	17.1	–	28.5	1	8.6	30	–	–	43	–	17	26	8	7	0	–	0	0	1	0	0	–	–	0	6.23	–	–
Northolt	34	–	–	–	–	–	–	–	–	–	–	57	–	28	26	9	7	0	0	0	0	1	0	–	–	–	0	–	–	–
Northwood	85	20.4	10.3	15.3	–	28.5	1	5.0	19	–	–	70	–	31	26	10	8	0	0	0	0	1	1	0	–	–	0	–	–	–
St James's Park	9	21.1	12.3	16.7	+1.4	28.5	1	7.7	20	17.8	17.8	49	82	20	26	9	7	–	0	–	–	–	–	0	0	–	–	–	–	–
Waltham Cross	32	21.4	–	–	–	29.0	1	–	–	16.2	–	38	–	9	21	12	8	–	0	–	–	–	–	–	–	–	–	5.28	–	S
Wiltshire																														
Boscombe Down (A)	126	20.0	10.2	15.1	+1.4	25.0	4	4.8	20	–	–	65	106	43	28	12	9	–	–	–	–	–	–	0	–	–	–	–	–	–
Lacock	49	20.4	9.1	14.7	+1.4	25.0	3	1.4	20	–	–	48	72	24	28	15	9	0	0	0	0	1	0	0	2	–	0	–	–	–
Larkhill	132	19.8	10.0	14.9	+1.3	24.5	3	3.8	19	–	–	60	–	38	28	12	8	–	–	–	–	–	–	0	–	–	–	–	–	–
Lyneham (A)	145	19.6	10.4	15.0	+1.5	24.8	3	5.3	20	–	–	38	58	23	28	13	8	0	0	0	1	0	0	1	1	0	0	6.06	128	–
Marlborough	129	20.0	8.4	14.2	+1.3	24.7	4	0.8	20	16.1	–	52	72	29	28	12	8	0	0	0	0	1	2	0	–	–	0	6.02	(129)	–
Netheravon	129	19.6	9.2	14.4	–	24.5	3	2.2	19	–	–	56	–	28	28	12	6	–	–	–	–	–	–	0	–	–	–	–	–	–
Berkshire																														
Arborfield	49	20.9	8.7	14.8	–	27.7	1	1.7	20	–	–	48	–	27	28	10	6	0	0	0	0	1	0	0	3	–	0	5.92	–	–
Easthampstead	74	20.3	9.1	14.7	–	27.1	1	2.2	20	16.0	15.8	59	–	22	28	12	8	0	0	0	0	1	0	0	2	0	0	6.02	–	–
Hurley	43	20.5	9.2	14.9	+1.1	27.7	1	2.9	20	16.0	–	55	91	16	28	10	9	0	0	0	0	1	0	0	1	–	0	5.84	128	S
Lambourn (Warren Farm)	192	19.3	9.8	14.5	–	24.5	1	5.3	28	15.5	–	34	–	18	28	11	6	–	0	–	–	–	–	0	–	–	–	–	–	–
Reading	66	20.6	10.1	15.3	–	27.5	1	3.7	20	16.0	15.9	47	–	27	28	9	7	0	0	0	0	1	0	0	5	0	0	5.60	–	–
Surrey																														
Merrist Wood	45	20.9	(9.2)	15.1	–	26.8	1	(1.6)	28	(16.2)	–	38	–	17	28	10	7	0	0	0	0	1	0	0	6	–	0	(5.95)	–	S
Mickleham	55	20.6	8.3	14.5	+1.0	27.5	1	2.0	20	16.5	16.8	47	65	23	28	9	7	0	0	0	0	1	1	0	0	0	0	–	–	–
Wisley	32	21.1	9.5	15.3	+1.2	28.8	1	2.3	20	16.3	16.5	44	71	17	28	8	7	0	0	0	0	2	0	2	–	0	5.42	112	S
Kent																														
Anvil Green	139	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Charing	91	19.9	11.1	15.5	–	26.9	1	6.0	28	–	–	50	–	15	28	11	9	0	0	0	0	1	2	0	5	–	0	–	–	–
East Malling (A)	33	20.5	10.2	15.3	+1.2	26.6	1	3.8	28	16.8	17.0	37	55	9	21	9	7	0	0	0	0	1	2	0	1	0	0	6.13	119	–
Edenbridge	45	–	8.2	–	–	–	–	1.5	20	–	–	40	–	13	28	9	6	–	–	–	–	–	–	0	–	–	–	–	–	–
Elmstone	5	20.9	9.3	15.1	–	25.4	2	4.2	21	–	–	56	–	13	26	11	8	0	0	0	0	0	0	0	–	–	0	–	–	–
Folkestone	31	19.8	11.5	15.7	–	26.3	1	5.1	28	–	17.4	36	–	9	21	13	8	0	0	0	0	1	0	0	0	–	0	6.64	120	–
Goudhurst	85	20.0	9.7	14.9	+1.3	27.5	1	4.5	20	–	–	43	55	13	28	11	10	0	0	0	0	1	1	0	2	–	0	–	–	–
Hadlow College	27	20.8	8.4	14.6	–	28.2	1	2.0	20	15.9	–	48	–	18	29	10	7	0	0	0	0	1	1	0	–	–	0	4.42	–	–
Herne Bay	27	19.4	12.4	15.9	–	24.5	1	6.3	28	17.2	16.6	57	–	17	26	10	9	0	0	0	0	2	0	0	0	0	0	6.21	–	–
Manston (A)	44	19.7	11.9	15.8	+1.1	24.6	14	6.5	13	17.5	–	63	101	11	26.29	11	10	0	0	0	0	2	0	0	0	0	0	6.04	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																														
Kent - Continued																														
Margate, North Down	40	19.6	12.7	16.1	–	24.4	14	6.4	28	18.0	–	82	–	22	27	11	10	0	0	0	0	2	0	0	–	–	0	–	–	–
Ulcombe	47	–	–	–	–	–	–	–	–	–	–	33	–	10	28	9	6	–	–	–	–	–	–	–	–	–	–	–	–	–
Wye	56	19.7	10.7	15.2	+1.1	26.2	1	4.7	13	16.4	16.6	42	58	10	28	12	8	0	0	0	0	3	0	0	0	–	0	6.12	120	–
Hampshire																														
Alice Holt Lodge	115	20.2	9.1	14.7	+1.1	25.8	1	2.2	28	–	–	48	64	28	28	11	6	0	0	0	0	1	0	0	4	–	0	5.68	119	–
Butser, Windmill Hill	160	20.3	10.6	15.5	–	27.0	1	5.0	28	16.1	16.0	60	–	27	28	12	8	0	0	0	0	0	0	0	0	–	0	–	–	–
Everton	16	20.0	11.5	15.7	+1.3	25.9	3	4.4	20	–	–	49	66	28	28	9	5	0	0	0	0	0	0	0	1	–	0	6.16	114	–
Hayling Island	4	20.2	12.8	16.5	+1.6	27.2	4	7.4	20	–	–	54	81	36	28	10	5	0	0	0	0	2	0	0	–	–	0	6.26	112	–
Kingsclere, Strattons Farm	102	19.8	8.7	14.3	–	24.5	4	1.9	20	–	–	59	–	28	28	13	8	0	0	0	0	1	0	0	5	–	0	–	–	–
Leckford	117	20.1	10.1	15.1	+1.4	25.6	4	4.9	19	15.1	–	64	92	29	28	11	7	0	0	0	0	0	0	0	–	–	0	6.08	130	–
Long Sutton	145	19.8	10.1	14.9	(+1.3)	25.9	1	4.7	20,28	16.8	16.7	59	81	29	28	12	9	0	0	0	0	1	1	0	0	0	0	5.89	124	–
Martyr Worthy	84	20.7	9.6	15.1	(+1.4)	26.2	4	3.0	20	–	–	47	–	27	28	12	7	0	0	0	0	0	0	0	4	–	0	–	–	–
Middle Wallop	90	20.4	10.4	15.4	–	25.8	4	4.8	20	–	–	49	–	30	28	11	6	–	–	–	–	–	–	0	–	–	–	–	–	–
Odiham	118	–	–	–	–	–	–	–	–	–	–	46	–	27	28	12	7	0	0	0	0	1	0	–	1	0	0	5.95	–	–
Otterbourne	34	20.8	10.2	15.5	–	26.0	4	4.4	19	(17.0)	(17.6)	52	–	34	28	9	5	–	0	–	–	–	–	0	0	0	–	–	–	–
Solent M R S C	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–
Southampton Mayflower Park	3	21.6	11.8	16.7	–	27.8	3	5.4	20	16.9	17.2	44	–	22	28	11	9	–	–	–	–	0	0	0	0	0	–	5.12	–	S
Weather Centre (X)	19	21.1	12.2	16.7	–	29.0	3	6.3	27	–	–	42	–	22	28	11	7	0	–	0	0	0	0	0	–	0	0	–	–	–
South Farnborough	69	20.8	10.3	15.5	+1.4	27.2	1	2.5	20	–	–	57	–	37	28	10	7	–	–	–	–	–	–	0	–	–	–	–	–	–
Southsea	2	20.2	13.2	16.7	+1.3	26.9	4	7.5	27	17.6	17.4	45	66	25	28	10	5	0	0	0	0	1	0	0	0	–	0	6.10	112	–
Sparsholt	113	(20.2)	(10.1)	15.1	–	25.1	3	5.2	19	–	–	56	73	31	28	10	7	0	0	0	0	0	–	0	1	–	0	(6.04)	–	–
Isle of Wight																														
Ryde	4	19.8	13.4	16.6	+1.5	24.6	4	7.7	20	–	–	47	63	22	28	10	6	0	0	0	0	1	1	0	–	–	0	5.74	108	–
St Catherines Point	16	19.4	13.9	16.7	–	26.4	4	8.5	30	–	–	59	80	33	28	9	7	0	0	0	0	2	0	0	–	–	1	–	–	–
Sandown	4	19.9	12.5	16.2	+0.9	26.0	4	6.1	20,26	–	–	40	–	19	28	6	5	0	0	0	0	0	0	0	–	–	0	6.06	105	–
Shanklin	55	19.7	12.0	15.9	+1.3	25.6	4	5.9	20	–	–	51	58	24	28	13	8	0	0	0	0	0	2	0	–	–	0	6.41	110	–
Ventnor Park	135	19.9	13.3	16.6	+1.6	25.2	4	7.9	27,30	17.4	–	43	50	14	28	10	7	0	0	0	0	1	0	0	–	–	1	6.28	111	–
Wellow	25	20.4	11.3	15.9	–	26.3	4	4.5	20	–	–	53	–	29	28	12	8	–	–	–	–	–	–	0	0	–	–	–	–	–
West Sussex																														
Bognor Regis	7	19.4	12.6	16.0	+1.2	26.5	4	7.7	27	–	17.4	42	62	16	28	11	8	0	0	0	0	0	0	0	0	–	1	6.47	114	–
Gatwick Airport (A)	59	20.8	9.6	15.2	+1.5	28.0	1	2.8	20	17.6	–	45	61	22	28	8	6	0	0	0	0	2	0	0	1	0	0	5.81	116	–
Rogate	64	20.6	9.2	14.9	–	26.0	4	4.5	19,21, 28	16.5	–	59	–	33	28	11	9	0	0	0	0	0	3	0	1	–	0	4.58	–	S
Rustington	3	20.1	10.8	15.5	–	27.3	4	6.4	20	–	16.6	50	–	22	28	11	9	0	0	0	0	2	1	0	0	–	0	6.29	–	–
Worthing	2	19.8	11.8	15.8	–	27.4	4	7.6	26	17.5	–	39	–	9	21	12	9	0	0	0	0	1	0	0	0	–	0	(5.98)	105	–
East Sussex																														
Bexhill	4	19.2	12.8	16.0	+1.1	27.1	4	8.6	30	16.9	16.8	36	50	8	21	11	8	0	0	0	0	3	0	0	0	–	0	5.51	102	–
Brede	82	–	–	–	–	–	–	–	–	–	–	38	–	7	21	11	8	–	–	–	–	–	–	–	–	–	–	–	–	–
Brighton	116	20.0	12.3	16.1	–	26.2	4	7.2	30	–	–	38	–	10	21	11	7	0	0	0	0	1	3	0	0	–	0	–	–	–
Eastbourne	7	19.5	13.2	16.3	+1.2	26.9	4	8.9	30	17.4	17.5	40	52	8	24	10	8	0	0	0	0	1	0	0	0	–	1	6.68	116	–
East Hoathly	38	20.7	9.3	15.0	–	27.0	1, 4	2.4	20	–	–	40	–	13	28	11	7	0	0	–	–	–	–	0	1	0	–	6.07	–	–
Hastings	45	19.5	12.7	16.1	+1.0	27.1	4	8.2	30	17.2	17.1	41	58	10	21	10	10	0	0	0	0	0	0	0	0	0	0	6.47	118	–
Herstmonceux (A)	17	19.9	10.8	15.3	–	26.5	4	5.0	20	–	–	44	–	12	28	13	8	0	0	0	0	3	0	0	0	0	0	6.54	–	–
Plumpton	76	20.6	10.7	15.7	–	26.8	1	5.9	20	–	–	43	46	12	21	10	6	0	0	0	0	0	0	0	0	–	0	5.94	–	–
7A ENGLAND NW & I.o.M.																														
Cumbria																														
Aspatria	61	17.6	8.5	13.1	–	25.5	1	1.1	26	–	–	62	–	21	21	10	9	0	0	0	0	0	2	0	3	–	1	6.48	–	–
Carlisle (A)	26	–	–	–	–	–	–	–	–	–	–	49	61	13	21	11	8	–	–	–	–	–	–	–	–	–	–	–	–	–
Casterton	129	17.6	8.5	13.1	–	24.9	2	0.7	30	–	–	85	–	30	21	14	12	0	0	0	0	1	0	0	2	–	0	–	–	–
Eskmeals (A)	8	18.0	10.1	14.1	–	28.5	2	0.5	30	15.3	15.5	63	–	18	21	12	9	0	–	0	0	1	0	0	2	0	0	–	–	–
Grizedale	91	(17.6)	(7.0)	12.3	–	26.0	5	(-0.2)	30	14.6	–	123	67	20	21	14	13	0	0	0	0	–	1	(10)	–	0	–	–	–	–
Newton Rigg	171	–	7.3	–	–	–	–	0.5	30	14.8	–	48	55	13	21	12	7	0	0	0	0	0	0	0	4	–	1	5.75	153	–
Sellafield (A)	22	18.4	9.7	14.1	–	27.3	2	2.4	30	–	–	65	–	14	21	9	8	–	0	–	–	–	1	0	1	–	–	6.08	–	–
Stainburn	26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whins Pond	125	–	–	–	–	–	–	–	–	–	–	45	–	11	21	12	7	–	–	–	–	–	–	–	–	–	–	–	–	S
Lancashire																														
Aughton (A)	54	18.8	10.5	14.7	–	26.3	2	3.2	30	15.5	15.6	53	–	17	14	12	9	0	0	0	0	0	1	0	1	0	0	6.41	–	–
Hazelrigg	95	17.6	9.9	13.7	–	25.6	2	4.0	30	14.3	14.2	63	–	11	21	12	11	0	0	0	0	0	0	0	1	0	2	6.22	–	–
Lathom Park	55	18.7	9.9	14.3	–	26.0	2	1.9	30	16.5	–	57	–	17	14	11	10	0	0	0	0	0	–	0	–	–	1	6.13	–	S
Morecambe	7	18.4	11.2	14.8	+1.0	26.3	2	4.3	30	–	–	66	64	16	21	12	9	0	0	0	0	0	0	0	–	–	0	6.54	160	–
Myerscough	14	19.2	9.4	14.3	–	25.5	2	-0.3	30	15.8	16.2	59	–	21	21	12	9	0	0	0	0	0	–	1	1	–	0	5.55	–	S
Preston	33	18.4	9.8	14.1	+0.7	24.4	2	0.5	30	–	–	59	56	18	21	12	11	0	0	0	0	1	0	0	–	–	0	–	–	–
Slaidburn	192	17.2	8.2	12.7	+0.7	22.7	2	2.2	30	–	–	85	59	20	23	11	10	–	0	–	–	–	–	0	2	–	–	5.61	154	S
Squires Gate Airport (A)	10	–	–	–	–	–	–	–	–	–	–	49	56	11	26	14	10	–	–	–	–	–	–	–	–	–	–	–	–	–
Merseyside																														
Aigburth (A)	12	19.9	11.1	15.5	–	27.4	2	2.9	30	–	–	(33)	–	12	14	10	7	0	0	0	0	0	2	0	1	0	0	–	–	–
Bidston	60	18.9	11.6	15.3	–	27.0	2	6.2	30	–	–	33	47	11	21	10	6	0	0	0	0	0	1	0	0	–	0	5.83	–	–
Crosby	6	19.0	10.0	14.5	–	28.0	2	2.8	30	–	–	39	–	14	14	13	10	0	–	0	0	0	0	0	–	–	2	–	–	–
Southport, Greenbank	15	19.0	10.4	14.7	–	27.1	2	2.3	30	16.0	16.2	46	–	13	21	11	8	0	0	0	0	0	1	0	1	0	0	6.32	–	–
Greater Manchester																														
Bolton	107	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manchester Ringway Airport (A)	75	19.5	9.9	14.7	+1.2	26.0	2	1.1	30	–	–	53	70	15	25	13	8	0	0	0	0	1	1	0	1	0	0	6.07	148	–
Cheshire																														
Bradeley Green	115	19.1	(9.5)	14.3	–	26.2	1	3.7	30	–	–	52	–	13	27	11	10	0	0	0	0	0	–	0	0	–	0	–	–	–
Delamere Forest	68	19.9	(8.0)	13.9	–	26.3	2	-0.1	30	–	–	(32)	–	6	15	8	7	0	0	0	0	1	–	1	1	–	0	–	–	–
Knutsford	65	19.7	9.3	14.5	(+1.1)	25.8	2	0.8	30	16.6	16.6	43	–	9	27	11	7	0	0	0	0	1	–	0	1	–	0	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
7A ENGLAND NW & I.o.M. - Continued																														
Cheshire - Continued																														
Macclesfield	143	19.0	9.2	14.1	+1.0	25.7	1	0.5	30	–	–	37	42	9	25	11	7	0	0	0	0	0	1	0	–	–	0	–	–	–
Nantwich, Reaseheath Hall	40	20.1	8.4	14.3	–	26.5	2	1.0	30	–	–	42	–	12	27	12	8	0	0	0	0	1	3	0	(2)	–	0	–	–	–
Ness Gardens	30	(20.0)	(9.7)	14.9	–	27.2	2	3.5	30	15.8	–	25	–	5	15	10	8	0	0	0	0	0	–	0	1	–	0	(5.56)	–	S
Isle of Man																														
Douglas	85	16.9	10.4	13.7	+0.8	24.8	2	4.2	30	–	–	75	69	32	15	11	7	0	0	0	0	0	3	0	0	–	0	5.20	118	–
Point of Ayre (A)	9	17.7	10.5	14.1	+0.4	22.1	16	5.0	26	–	–	34	42	12	21	7	7	0	0	0	1	1	0	0	–	–	2	6.43	144	–
Ronaldsway Airport (A)	16	17.7	10.5	14.1	+1.0	26.5	2	4.3	30	–	–	49	60	15	15	8	7	0	0	0	0	0	0	0	0	0	0	6.57	149	–
7B WALES N																														
Gwynedd																														
Aber	10	19.0	11.3	15.1	–	25.4	4	6.7	27	15.5	–	64	–	13	21	13	10	0	0	0	1	0	0		–	–	0	6.11	–	–
Amlwch, Anglesey	114	17.4	11.4	14.4	–	23.2	5	6.6	30	–	–	48	–	12	21	10	9	0	0	0	0	1	0		1	–	2	–	–	–
Arthog, Fegla Fach Farm	7	19.7	11.1	15.4	–	26.5	5	5.2	28,30	–	–	45	–	18	21	14	10	0	0	0	0	0	0		–	–	0	–	–	–
Bala	163	18.2	7.5	12.9	–	25.6	5	0.7	20	16.0	15.9	55	49	13	28	14	10	0	0	0	0	0	11	0	1	0	0	4.78	–	–
Betws-y-Coed	20	20.1	8.5	14.3	–	27.0	3, 5	3.9	12	15.4	14.7	71	–	13	26	12	11	0	0	0	0	0	0	0	0	0	0	–	–	–
Botwnnog	34	18.7	10.4	14.5	–	26.4	4	6.9	19	16.2	16.1	59	–	13	21	12	11	0	0	0	0	0	0	0	–	–	4	–	–	–
Dinorwic	296	17.0	10.5	13.7	–	24.3	3	4.0	30	–	–	85	–	21	21	16	11	0	0	0	0	1	0	0	0	–	5	–	–	–
Llanymawddwy	145	18.4	8.3	13.3	–	26.7	5	2.1	20	–	–	121	–	21	28	17	12	0	0	0	0	0	0	0	3	–	2	–	–	–
Nantmor	58	19.2	10.5	14.9	–	27.0	5	3.9	30	–	–	122	–	34	15	13	12	0	0	0	0	0	0	0	–	–	0	–	–	–
Pen-y-Ffridd	84	18.9	10.9	14.9	+1.3	25.0	1, 5	4.2	12	–	–	72	66	18	26	12	9	0	0	0	0	0	0	0	1	–	0	5.09	118	S
Trawsfynydd (A)	193	–	–	–	–	–	–	–	–	–	–	103	–	31	21	12	11	–	–	–	–	–	–	–	–	–	–	–	–	–
Valley (A)	10	18.9	11.3	15.1	+1.2	25.7	5	4.8	30	16.4	–	35	42	10	15	12	7	0	0	0	0	1	0		0	0	0	6.29	134	–
Clwyd																														
Alwen	335	17.2	6.4	11.8	+0.9	23.5	5	1.1	20	–	–	67	57	17	28	12	11	0	0	0	0	0	0	0	8	–	0	–	–	–
Colwyn Bay	36	18.5	10.4	14.5	–	22.5	16	6.5	30	15.6	–	59	–	13	29	11	10	0	0	0	0	1	0	0	–	–	0	6.32	–	–
Cynwyd	208	18.0	7.9	12.9	–	24.5	5	2.8	20	–	–	55	–	19	28	13	10	0	0	0	0	0	3	0	1	–	0	–	–	–
Hawarden Bridge	5	20.3	9.8	15.1	+1.2	27.3	2	3.4	20	–	–	32	46	9	26	10	6	0	0	0	0	0	1	0	–	–	0	–	–	–
Llanarmon Dyffryn Ceiriog	267	17.4	6.9	12.1	–	23.8	5	0.7	20	–	–	70	–	34	28	15	11	0	0	0	0	0	2	0	–	–	0	–	–	–
Loggerheads	210	18.0	7.1	12.5	+0.4	25.2	2	0.5	30	14.0	14.2	51	59	22	28	11	8	0	0	0	0	1	0		7	–	0	5.19	–	S
Moel-y-Crio	263	17.7	9.1	13.4	–	24.6	2	2.6	30	14.8	–	48	–	11	28	10	9	0	0	1	0	0	2	0	4	–	0	5.99	–	–
Prestatyn	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ruthin	76	19.8	8.5	14.1	(+1.1)	26.3	5	2.9	30	–	–	56	80	28	28	12	9	0	0	0	0	0	0		–	–	0	5.43	–	–
Powys (North)																														
Lake Vyrnwy	360	17.3	6.4	11.9	–	23.2	2	0.5	7	–	–	80	–	25	28	16	11	0	0	0	0	0	4	0	–	–	0	–	–	–
Llanfair Caereinion	236	18.0	8.9	13.5	–	23.6	2	3.3	30	14.9	–	55	–	21	28	14	9	0	0	0	1	2	0	0	0	–	0	–	–	–
Machynlleth	76	(18.8)	(8.6)	13.7	–	26.1	5	3.5	27	–	–	108	–	22	21	14	12	0	0	0	0	–	0	0	0	–	0	–	–	–
Moel Cynnedd	358	16.7	7.0	11.9	–	22.6	5	1.5	27	13.5	–	153	–	28	28	16	12	0	0	0	0	–	0	6	6	–	0	–	–	–
Newtown	120	19.5	–	–	–	24.8	2	–	–	–	–	57	–	30	28	10	7	0	0	0	0	–	–	3	3	–	0	–	–	–
8A WALES S																														
Dyfed																														
Aberporth (A)	134	18.2	11.6	14.9	+1.4	24.2	4	6.8	25	15.8	–	56	–	25	28	12	9	0	0	0	0	0	0	0	0	0	1	6.13	135	–
Brawdy (A)	111	18.0	10.9	14.5	–	25.2	4	6.6	30	–	–	97	97	31	28	14	7	0	0	0	0	1	0	1	0	2	6.22	–	–
Carmarthen Museum	9	(20.1)	(9.0)	14.5	–	26.7	5	2.0	30	–	–	(74)	–	18	28	15	10	0	0	0	0	–	0	1	–	0	–	–	–	–
Cwmystwyth	301	17.5	(8.6)	13.1	–	24.0	5	2.5	27	–	–	(145)	–	34	26	12	11	–	0	–	–	–	–	0	2	–	–	(5.30)	–	S
Dale Fort	33	19.2	12.7	15.9	+1.5	25.3	2	9.2	26	16.1	–	79	111	23	27	13	9	0	0	0	0	0	0	0	0	–	0	6.59	125	–
Gogerddan	31	18.8	10.3	14.5	+1.1	25.2	2	3.6	27	16.4	–	73	–	14	21	13	11	0	0	0	1	0	0	0	0	–	0	5.79	140	–
Milford Haven (A)	37	18.4	12.3	15.3	(+1.2)	24.4	2	7.6	30	–	–	103	–	32	28	14	8	0	0	0	0	0	0	0	0	0	1	–	–	–
Orielton	61	18.5	11.6	15.1	–	24.2	2	6.5	30	15.9	–	80	–	29	28	12	9	0	0	0	0	0	0	0	0	–	0	–	–	–
Rhandirmwyn	168	18.2	(8.0)	13.1	–	25.0	5	2.0	20,27	–	–	88	–	25	28	12	10	0	0	0	0	0	–	0	–	–	1	–	–	–
Saron	152	18.7	9.7	14.2	–	25.2	2, 5	5.3	30	–	–	79	–	17	28	12	11	0	0	0	0	0	2	0	1	–	0	–	–	–
Scolton Country Park	77	18.9	10.0	14.5	–	25.0	5	3.1	30	–	–	102	–	34	28	13	11	0	0	0	0	0	0	0	3	–	1	–	–	–
Skokholm Island	34	17.6	13.1	15.3	–	21.8	2	9.9	30	–	–	67	–	21	27	10	9	0	0	0	1	0	0	0	0	–	3	–	–	–
St Clears	40	19.9	9.3	14.6	–	26.3	2	2.9	19	–	–	93	–	23	28	15	11	0	0	0	0	0	0	0	0	–	0	–	–	–
Swyddffynnon	168	17.9	9.0	13.5	–	24.5	5	3.0	19	–	–	70	–	14	28	14	12	0	0	0	0	0	0	0	3	–	1	5.46	–	–
Talgarreg	198	18.2	7.7	12.9	–	23.9	3	2.0	25	–	–	67	–	12	21	15	12	0	0	0	0	0	0	0	0	–	0	–	–	–
Tenby	5	18.5	10.4	14.5	–	22.2	2	3.0	30	–	–	92	–	27	28	13	9	0	0	0	0	0	0	0	–	–	0	6.25	–	–
Towy Castle	88	18.4	10.3	14.3	–	24.3	2	5.0	19,30	16.0	16.0	98	–	25	28	16	14	0	0	0	0	1	0	1	0	0	5.90	–	–
Whitechurch	129	19.0	9.6	14.3	–	25.3	3	3.9	30	16.8	15.7	89	–	28	28	12	11	0	0	0	0	0	0	0	3	–	0	–	–	–
Powys (South)																														
Bronydd Mawr	330	17.2	8.2	12.7	–	22.4	5	2.7	30	–	–	81	–	33	28	13	11	0	0	0	0	2	0	0	0	–	0	4.64	–	–
Llangenny	122	19.3	9.1	14.2	–	24.5	4	4.5	20,30	–	–	79	–	53	28	12	6	0	0	0	0	0	0	–	–	–	0	–	–	–
Llangunllo	310	17.3	8.0	12.7	–	22.5	5	2.1	30	14.3	–	71	–	39	28	11	9	0	0	0	0	1	1	0	6	–	0	–	–	–
Llysdinam	200	18.6	8.0	13.3	–	25.1	5	1.2	21	16.3	–	95	–	30	28	12	10	0	0	0	0	1	7	0	3	–	1	–	–	–
Pencelli	160	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Presteigne	175	19.1	6.1	12.6	–	24.6	5	-1.1	20	–	–	63	–	45	28	12	7	0	0	0	1	1	1	3	–	0	5.85	–	–
St Harmon	279	17.7	6.7	12.2	–	23.8	1	0.2	7,21	–	–	81	–	24	28	12	10	0	–	0	0	0	–	0	5	–	0	–	–	–
Velindre	152	19.0	8.5	13.7	–	23.7	10	1.8	20	15.9	15.9	125	–	96	28	11	8	0	0	0	0	1	1	0	4	–	0	–	–	–
West Glamorgan																														
Mumbles Head	35	18.8	13.2	16.0	(+1.6)	22.7	3	8.0	30	–	–	–	–	–	–	–	–	0	0	0	0	0	0	0	0	0	3	–	–	–
Neath	62	19.8	11.3	15.5	+1.2	24.9	3	6.0	19	–	–	92	77	17	28	14	12	0	0	0	0	0	0	0	0	–	0	–	–	–
Penmaen	87	18.8	11.7	15.3	–	22.9	3	6.5	30	16.9	17.0	89	–	22	28	14	10	0	0	0	0	1	0	0	0	0	1	6.39	–	S
Swansea	10	20.1	(12.5)	16.3	+1.6	25.2	1	7.5	30	17.9	18.0	85	77	18	27	12	12	0	0	0	0	0	0	0	0	0	1	6.40	–	–
Mid Glamorgan																														
Cilfynydd (A)	194	18.6	9.8	14.2	–	23.9	5	4.2	30	–	–	101	–	38	28	12	12	0	0	0	0	1	0	1	0	0	–	–	–	–
Cwmbargoed	372	17.3	9.3	13.3	–	23.2	5	3.6	30	–	–	91	–	46	28	15	12	0	0	–	–	–	–	0	7	–	–	–	–	–
Porthcawl	6	20.3	10.1	15.2	–	26.0	1	4.6	19	–	–	103	107	30	28	10	10	–	–	–	–	–	1	0	–	–	–	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
8A WALES S - Continued																														
South Glamorgan																														
Cardiff																														
Bute Park	9	20.1	10.8	15.5	–	24.1	3	4.6	30	16.4	16.6	67	–	21	28	14	10	–	0	–	–	–	0	0	0	–	–	6.03	–	S
Weather Centre (X)	58	20.4	12.5	16.5	–	25.2	3	7.5	30	–	–	52	–	14	28	14	10	0	–	0	0	1	0	0	–	–	0	–	–	-
Flat Holm	15	19.0	13.3	16.1	–	23.7	9	9.1	30	–	–	(33)	–	12	28	10	6	0	0	0	0	1	0	0	0	–	4	–	–	-
Rhoose Airport (A)	65	19.5	11.3	15.4	+1.5	23.5	3,21	5.5	30	–	–	80	–	31	28	13	9	0	0	1	0	1	0	0	0	0	0	6.49	135	-
Gwent																														
Crossway	140	19.3	9.4	14.3	–	24.0	2, 3, 10	5.0	30	–	–	65	–	40	28	11	9	0	0	0	0	1	0	0	–	–	0	–	–	-
Llanishan	180	19.1	10.4	14.7	–	23.2	3, 8	6.5	30	–	–	66	–	40	28	13	10	–	–	–	–	–	0	0	–	–	–	–	–	-
Tredegar, Bryn Bach Park	380	(17.6)	(8.7)	13.1	–	22.9	5	4.0	30	–	–	(123)	–	60	28	15	12	0	0	0	0	–	0	(5)	–	0	–	–	–	-
Usk	21	20.7	9.0	14.9	–	24.9	3	2.9	19	17.3	–	53	–	28	28	14	10	–	0	–	–	–	0	0	9	–	–	–	–	-
8B ENGLAND SW																														
Avon																														
Bristol																														
Weather Centre (A) (X)	42	20.1	12.6	16.3	–	25.7	3	8.6	30	–	–	40	–	21	28	12	8	0	–	0	0	0	0	0	–	0	0	5.98	–	-
Long Ashton	51	19.2	11.0	15.1	+1.1	24.3	3	5.5	30	–	–	45	52	20	28	12	8	0	0	0	0	0	–	0	0	–	0	–	–	-
Weston Super Mare	5	20.6	11.9	16.3	–	25.0	21	6.1	19	–	–	43	–	25	28	11	7	0	0	0	0	0	–	0	–	–	0	5.81	–	-
Somerset																														
Brymore	23	20.4	10.6	15.5	–	25.1	3	3.9	20	16.7	–	95	–	63	28	12	8	0	0	0	0	1	0	0	0	0	0	6.66	–	S
Castle Cary	135	–	–	–	–	–	–	–	–	–	–	78	–	33	28	13	11	0	0	0	0	1	0	–	0	–	0	–	–	-
Downside Abbey	183	(18.9)	(10.5)	14.7	–	24.0	3	5.7	30	–	–	76	–	38	28	15	12	–	0	–	–	–	–	0	–	–	–	–	–	-
Minehead	10	19.9	12.1	16.0	–	24.7	21	7.1	20	16.6	16.6	80	–	58	28	10	6	0	0	0	0	1	0	0	0	0	0	6.34	–	-
Nettlecombe	96	(19.7)	8.8	14.3	–	24.0	21	3.4	20	16.1	–	112	–	71	28	11	6	0	0	1	0	1	0	0	5	–	0	–	–	-
Nettlecombe (Birds Hill)	280	(17.5)	11.0	14.3	–	22.5	13	7.6	30	15.3	–	125	–	78	28	13	9	0	0	1	0	1	0	0	0	–	0	–	–	S
Rodney Stoke	40	20.2	10.6	15.4	–	24.8	3	5.7	20	16.9	16.5	61	–	26	28	13	10	0	0	0	0	0	0	0	0	–	0	–	–	-
Tivington	82	19.8	10.9	15.3	–	24.7	21	5.3	20	16.6	16.2	104	–	73	28	13	8	0	0	1	0	1	0	0	0	0	0	–	–	-
Yeovilton (A)	18	20.3	10.4	15.3	(+1.4)	25.8	3	3.8	20	17.3	–	69	–	43	28	9	7	0	0	0	0	2	1	0	1	0	0	6.06	–	-
Dorset																														
Bournemouth																														
Hurn Airport (A)	10	20.8	9.5	15.1	+1.2	26.5	3	0.5	20	16.3	–	66	89	43	28	12	5	0	0	0	0	2	0	0	4	0	0	6.19	–	-
Kings Park	27	20.4	11.4	15.9	–	26.5	3	5.0	19	18.0	17.9	100	–	77	28	11	5	0	0	0	0	2	0	0	0	0	0	6.41	–	-
Christchurch	4	20.4	11.2	15.8	+1.5	25.7	1, 4	4.0	27	–	–	71	94	49	28	10	5	0	0	0	0	0	–	0	0	–	0	–	–	-
Fontmell Magna	95	20.4	9.4	14.9	–	25.2	3	2.2	20	–	–	69	–	45	28	11	6	0	0	0	0	1	4	0	–	–	1	–	–	-
Lower Kingcombe	122	19.2	8.5	13.9	–	24.0	3, 4	0.2	20	–	–	129	–	85	28	13	7	0	0	0	0	0	4	0	–	–	0	–	–	-
Poole	5	20.8	12.1	16.5	(+2.2)	26.0	4	5.0	20	–	–	141	–	110	28	14	6	0	0	0	0	2	0	0	0	–	0	6.10	(116)	-
Portland Bill (Coastguard) (A)	53	19.0	12.9	15.9	–	24.5	4	8.4	27	–	–	51	–	28	28	9	4	0	0	0	0	0	0	0	0	–	1	6.45	–	-
Swanage	11	19.4	12.6	16.0	+1.4	23.0	4,10	6.8	30	–	17.1	44	58	16	28	12	8	0	0	0	0	0	0	0	0	–	0	5.91	107	-
Weymouth	21	20.0	12.4	16.2	–	25.5	3	7.3	19,30	–	–	76	–	50	28	7	5	0	0	0	0	0	0	0	–	–	0	(5.72)	–	-
Winfrith	26	20.2	10.1	15.1	(+1.2)	25.6	4	3.2	27	–	–	98	–	57	28	10	8	0	0	0	0	1	2	0	3	1	0	–	–	-
Devon																														
Burrington	199	–	–	–	–	–	–	–	–	–	–	76	–	31	27	12	12	–	–	–	–	–	–	–	–	–	–	–	–	-
Chivenor	6	20.4	11.4	15.9	+1.2	26.7	5	5.5	20	–	–	84	–	21	27	13	11	–	–	–	–	–	–	0	–	–	–	–	–	-
Dunkeswell	251	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Exeter Airport (A)	32	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Exmouth	78	19.7	12.2	15.9	–	25.2	3	6.3	20	–	–	68	–	36	28	8	4	0	0	0	0	1	0	0	–	–	1	5.96	–	-
Gawlish	122	18.6	12.1	15.3	–	23.5	5	7.6	20	–	–	68	–	14	27	13	11	0	–	0	0	1	1	0	–	–	1	6.70	–	-
Hemyock	165	19.0	10.3	14.7	–	23.1	3	4.8	20	–	–	105	–	47	28	14	9	–	0	–	–	–	5	0	–	–	–	5.87	–	S
Ilfracombe	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Lundy	43	17.8	13.9	15.9	–	21.0	3, 9	9.4	27	–	–	79	–	27	28	13	9	0	0	–	–	–	–	0	–	–	–	–	–	-
Melbury	143	19.2	9.8	14.5	–	25.2	5	4.0	20	–	–	99	88	21	27	15	12	–	0	–	–	–	–	0	–	–	–	6.33	–	S
North Wyke	177	19.7	10.5	15.1	–	24.0	3, 5	5.7	30	–	–	77	–	35	27	14	10	0	0	0	0	0	0	0	0	–	0	5.80	–	-
Plymouth																														
Mount Batten (A)	27	19.1	12.6	15.9	+1.6	24.4	3	6.6	20	–	–	46	56	21	27	14	9	0	–	0	0	0	0	0	–	0	0	6.07	117	-
Princetown	423	17.1	10.4	13.7	–	21.0	3, 5	4.4	30	–	–	137	82	35	27	16	13	0	0	0	0	0	9	0	0	–	0	–	–	-
Rumleigh	23	20.7	10.4	15.5	–	27.3	5	3.0	20	17.2	16.7	69	–	31	27	14	11	0	0	0	0	0	0	0	0	–	0	–	–	-
Saunton Sands	15	–	–	–	–	–	–	–	–	–	–	65	–	14	27	12	9	–	–	–	–	–	–	–	–	–	–	–	–	-
Sidmouth	10	19.9	11.9	15.9	–	25.0	3	5.0	30	–	–	79	117	43	28	9	4	0	0	0	0	0	0	0	–	–	0	–	–	-
Slapton	32	19.8	12.5	16.1	(+1.6)	23.6	4	7.0	30	–	–	74	86	28	28	13	9	0	0	0	0	0	0	0	0	–	0	6.34	–	S
Teignmouth	3	19.9	12.3	16.1	+1.3	23.3	21	5.0	20	–	–	72	104	32	27	8	5	0	0	0	0	0	0	0	–	–	0	6.60	128	-
Torbay (Torquay)	8	20.8	12.5	16.7	+2.0	25.4	4	6.6	30	–	17.7	93	127	39	28	11	7	0	0	0	0	0	0	0	0	–	0	6.53	119	-
Twist	186	19.6	10.7	15.1	–	23.7	3	4.9	30	–	–	93	–	58	28	11	7	0	0	0	0	1	0	0	–	–	0	6.21	–	-
Yarner Wood	198	(19.9)	(11.2)	15.5	–	24.2	6	5.7	30	(16.2)	–	107	–	63	27	15	9	0	0	0	0	0	–	0	–	–	0	(5.92)	–	S
Cornwall																														
Bastreet	236	18.4	9.7	14.1	–	25.1	5	0.7	20	–	–	89	65	25	27	14	12	0	0	0	0	0	0	0	1	–	0	6.12	–	-
Bude	15	20.0	11.2	15.6	+1.4	25.9	5	5.4	20	17.3	–	41	53	11	27	14	11	0	0	0	0	0	1	0	–	–	0	6.53	132	-
Camborne (A)	87	18.3	12.8	15.5	–	23.1	4	8.2	26	16.2	16.1	62	–	23	27	13	11	0	0	2	0	1	1	0	0	0	0	5.80	–	-
Culdrose (A)	80	18.3	11.7	15.0	+1.1	22.4	2	6.7	26,27	–	–	54	65	19	27	11	8	0	0	0	0	0	4	0	0	0	2	4.97	97	-
Falmouth	51	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0	0	0	–	–	–	–	0	–	–	-
Gwennap Head	66	17.9	12.8	15.3	–	22.0	4	8.0	21,26	–	–	32	–	14	27	12	9	0	0	0	0	1	5	0	0	0	3	–	–	-
Lizard	73	18.7	12.9	15.8	(+1.3)	23.0	3	8.0	27	–	–	59	80	18	27	12	11	0	–	0	0	0	1	0	–	–	0	5.43	(100)	-
Lizard Lighthouse	60	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Newquay	30	19.3	11.8	15.5	–	26.3	4	6.2	20	–	–	49	–	20	27	13	11	0	0	0	0	0	2	0	–	–	0	5.54	–	-
Penzance	19	19.7	12.3	16.0	+1.3	24.2	4	6.3	20	–	–	47	52	15	27	13	11	0	0	0	0	0	2	0	–	–	2	5.49	99	-
Scilly (St Mary's)	51	19.0	13.9	16.5	+1.5	21.7	17	10.1	27,30	–	–	53	–	29	27	13	8	0	0	0	0	0	1	0	0	0	1	5.36	98	-
St Ives	10	18.7	13.5	16.1	–	22.5	4	10.5	26	–	–	50	–	15	27	14	12	0	0	0	0	0	4	0	–	–	0	(5.26)	–	-
St Mawgan (A)	103	19.1	12.5	15.8	+1.7	25.9	4	7.5	20	–	–	71	87	18	27	13	13	0	0	0	0	0	1	0	0	0	0	5.80	110	-
Tregastic	110	19.4	11.4	15.4	–	24.9	4	6.0	20	–	–	62	–	21	27	14	11	0	0	0	0	1	1	0	0	0	2	–	–	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation													
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
CHANNEL ISLANDS																													
Guernsey																													
Airport (A)	101	19.0	13.7	16.3	+1.3	23.1	9	10.8	20,25	17.0	17.0	33	46	14	27	14	8	0	0	0	0	3	0	0	0	0	6.72	119	-
L'Ancresse	5	20.0	13.1	16.5	–	24.5	21	9.8	26	–	–	33	–	16	27	7	4	–	–	–	–	–	–	0	–	–	–	–	–
Jersey																													
Airport (A)	84	20.0	13.7	16.9	+1.6	25.6	21	10.7	27	17.8	18.0	41	59	16	27	11	8	0	–	0	0	2	0	0	0	0	0	6.71	120	-
Gorey Castle	79	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6.10	–	-
St Helier	54	20.8	13.9	17.3	–	26.1	21	10.5	26	–	–	49	67	19	27	11	10	0	0	1	0	1	0	0	0	–	0	6.53	–	-
Trinity States Farm	107	19.9	13.9	16.9	–	25.2	21	10.2	26	17.6	–	50	–	18	27	12	10	0	0	0	0	0	2	0	0	–	0	–	–	-
NORTHERN IRELAND																													
Londonderry																													
Banagher (Caugh Hill)	216	16.3	8.7	12.5	–	23.0	4	1.8	30	–	–	68	–	14	21	19	14	0	0	0	0	2	0	5	–	0	5.25	–	-
Carmoney	73	16.6	9.5	13.1	–	22.2	1	3.0	30	–	–	48	–	11	21	15	11	0	0	0	0	4	0	0	0	0	5.11	–	-
Castledawson Hillhead	30	18.3	7.8	13.1	–	24.7	4	-1.0	30	–	–	55	–	14	21	12	12	0	0	0	0	–	1	2	–	0	–	–	-
Coleraine University (A)	23	16.8	9.0	12.9	–	23.4	1	0.4	30	14.9	14.3	59	–	9	21	14	11	0	0	0	0	0	0	3	–	0	5.51	–	-
Lough Fea W Wks	225	16.7	8.9	12.8	–	23.0	4	2.0	30	–	–	68	–	19	16	13	9	0	0	0	0	1	0	1	–	0	–	–	-
Moydamlaght	178	16.7	9.1	12.9	–	23.5	2, 4	3.0	30	–	–	77	–	20	15	14	12	0	0	0	0	0	0	1	–	0	–	–	-
Moyola Waterworks	17	18.0	6.8	12.4	–	24.4	4	-0.5	30	–	–	50	–	13	21	10	9	0	0	0	0	5	1	–	–	0	–	–	-
Antrim																													
Altnahinch	213	16.0	7.9	11.9	–	22.9	4	0.9	30	–	–	55	–	12	21,23	13	10	0	0	0	0	1	0	3	–	0	5.79	–	-
Belfast																													
Aldergrove Airport (A)	68	18.0	8.8	13.4	+0.9	24.9	2	1.2	30	15.2	14.4	54	67	12	21	12	11	0	0	0	0	1	0	5	0	0	5.68	158	-
Newforge	40	18.3	9.1	13.7	–	23.5	5	2.5	30	–	–	50	–	16	21	9	8	0	0	0	0	–	0	2	–	0	5.33	–	-
Oldparkfilters	58	17.6	8.9	13.3	–	23.4	2	2.5	27,30	–	–	69	69	16	15	11	10	0	0	0	0	1	0	–	–	0	–	–	-
Carnlough	12	17.8	8.1	12.9	–	22.3	1	3.1	30	–	–	41	–	9	23	13	11	0	0	0	0	2	0	–	–	0	–	–	-
Dungonnell Filters	271	16.0	7.0	11.5	–	22.0	5	0.0	30	–	–	66	–	17	23	13	11	0	0	0	0	3	0	2	–	0	–	–	-
Garron Tower	62	16.6	10.0	13.3	–	22.0	2	6.0	27,30	–	–	51	–	13	21	11	9	0	0	0	0	1	0	–	–	0	–	–	-
Greenmount	38	18.2	8.4	13.3	(+0.8)	25.2	2	-0.2	30	16.1	–	44	–	10	21	13	9	0	0	0	0	–	1	6	–	0	–	–	-
Jordanstown Rostulla	10	18.0	9.6	13.8	–	24.1	5	3.2	30	–	–	54	–	15	15	10	7	0	0	0	0	0	0	0	–	0	–	–	-
Larne Harbour	43	17.1	10.4	13.7	–	22.0	13	4.2	27	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Lowtown	213	16.5	7.4	11.9	–	22.4	3	-1.6	30	–	–	61	–	18	15	12	9	0	0	0	0	–	2	–	–	0	–	–	-
Movanagher Fish Farm	10	17.9	8.3	13.1	–	26.0	4	0.0	30	–	–	41	–	11	15	13	8	0	0	0	0	5	0	1	–	0	–	–	-
Parkmore Forest	235	16.0	7.3	11.7	–	21.1	2	1.4	27	13.1	–	75	49	18	21	13	10	0	0	0	0	–	0	11	–	0	–	–	-
Woodburn North	217	16.7	8.1	12.4	–	21.0	4, 6	3.0	29,30	–	–	50	43	15	21	9	9	0	0	0	0	0	0	0	–	0	–	–	-
Down																													
Ballykine Rockvale	125	17.7	8.7	13.2	–	25.1	5	2.5	30	–	–	73	–	21	27	12	9	0	0	0	0	0	0	3	–	0	–	–	-
Ballywatticock	6	17.6	9.3	13.5	–	22.8	4	2.2	27	14.8	15.0	34	48	13	21	9	7	0	0	0	0	0	0	2	0	0	6.23	–	-
Belfast																													
Ravenhill Road	10	18.7	9.4	14.1	–	24.0	4	3.1	30	–	–	53	–	15	21	11	8	0	0	0	0	1	0	0	–	0	–	–	-
Stormont Castle	56	17.9	9.7	13.8	+1.1	23.2	1, 4	3.1	30	14.6	14.9	57	65	16	21	10	8	0	0	0	0	1	0	1	–	0	6.19	(171)	-
Bryansford	85	17.9	9.9	13.9	–	24.2	2	3.8	30	15.3	15.4	59	–	20	21	11	6	0	0	0	0	1	0	1	0	0	–	–	-
Downpatrick, Killavees	58	18.0	9.1	13.5	–	22.2	1	2.2	30	–	–	39	–	13	15	8	5	0	0	0	1	0	–	0	–	0	–	–	-
Helens Bay	43	18.5	9.6	14.1	(+1.0)	23.0	2	3.8	30	15.1	14.1	47	57	17	21	12	8	0	0	0	0	1	0	0	–	0	–	–	-
Hillsborough	116	17.5	8.6	13.1	+0.9	23.2	2	2.2	30	14.1	13.9	56	66	19	27	10	8	0	0	0	0	2	0	3	–	0	5.53	149	-
Killough	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Long Kesh (A)	36	18.4	8.0	13.2	–	24.5	2, 5	-1.2	30	14.6	14.8	53	–	16	27	10	8	0	0	0	0	2	1	3	1	0	5.53	–	-
Lough Cowey	10	17.9	9.7	13.8	–	23.4	2	4.2	30	–	–	41	49	16	21	8	6	0	0	0	0	1	0	0	–	0	6.34	–	-
Magherally	97	18.0	7.1	12.5	–	24.5	2	-3.2	30	14.5	14.1	40	–	9	15,21	10	6	0	0	0	0	2	2	8	1	0	–	–	-
Murlough	12	17.8	9.2	13.5	–	23.8	5	2.2	30	15.0	15.0	59	–	21	15	10	6	0	0	0	0	0	0	4	–	0	5.25	–	-
Newry, Carnbane	8	18.6	8.0	13.3	–	26.0	2	-1.7	30	–	–	39	–	13	15	9	7	0	0	0	0	2	2	–	–	0	5.50	–	-
Saintfield Rowallane	95	17.8	7.3	12.5	–	24.0	5	0.7	30	–	–	55	–	15	21	10	8	0	0	0	0	–	0	3	–	0	–	–	-
Silent Valley	129	16.9	9.2	13.1	–	23.5	2	3.6	25	–	–	105	83	38	15	13	8	0	0	0	0	2	0	4	–	0	–	–	-
Trassey Slievenaman	215	17.6	7.8	12.7	–	22.4	6	0.5	30	–	–	77	–	31	27	11	8	0	0	0	0	5	0	2	–	0	–	–	-
Armagh																													
Annaghmore	27	18.7	7.6	13.1	–	25.0	2	-0.1	26	15.3	14.8	49	–	12	15	11	10	0	0	0	0	–	1	6	1	0	–	–	-
Armagh	62	18.4	9.1	13.7	+0.9	24.8	2, 4	2.0	30	15.0	15.1	39	54	11	21	11	7	0	0	0	0	3	0	4	–	0	5.44	155	S
Castor Bay	17	18.5	9.0	13.7	–	26.6	2	1.9	30	–	–	43	–	14	21	9	8	0	0	0	0	0	0	0	–	0	–	–	-
Loughgall	25	18.3	8.0	13.1	+0.6	24.4	4	1.2	27	–	–	39	57	11	21	10	8	0	0	0	0	3	0	5	–	0	–	–	-
Tandragee, Ballylisk	43	19.3	8.2	13.7	–	26.5	2, 4	-0.9	27	–	–	46	–	12	21	9	7	0	0	0	0	–	2	3	–	0	–	–	-
Tyrone																													
Baron's Court	132	16.7	8.6	12.7	–	23.4	4	0.7	27	–	–	73	–	18	21	17	12	0	0	0	0	6	0	3	–	0	4.81	–	-
Carrigans (A)	113	18.2	8.2	13.2	(+1.1)	25.4	4	0.2	27	–	–	81	–	16	21	17	13	0	0	0	0	8	0	4	0	0	5.19	–	-
Cookstown	77	17.9	7.0	12.5	–	25.2	2	-0.4	30	–	–	48	54	13	15	10	9	0	0	0	0	–	1	2	–	0	5.89	–	-
Edenfel	88	18.0	–	–	–	25.1	2	–	–	–	–	69	72	13	15	14	10	0	0	0	0	6	–	6	–	0	–	–	-
Fivemiletown	119	18.4	7.9	13.1	–	25.5	1, 4	-0.6	30	–	–	48	–	13	15	13	9	0	0	0	0	3	3	–	–	0	–	–	-
Lough Bradan W Wks	180	16.3	7.8	12.1	+0.7	22.7	1, 4	-1.5	30	–	–	108	77	17	23	17	15	0	0	0	0	2	2	–	–	0	–	–	-
Strabane Glen Road	60	17.6	8.3	12.9	–	23.9	1	-0.6	30	–	–	54	–	7	15	15	13	0	0	0	0	–	1	–	–	0	–	–	-
Fermanagh																													
Castle Archdale Forest (A)	66	17.8	8.5	13.1	(+1.0)	23.9	2	0.8	29	15.6	15.2	70	–	12	21	16	14	0	0	0	0	0	0	6	–	0	–	–	-
Corgary	145	17.6	9.4	13.5	–	24.0	2	4.0	29	–	–	80	–	18	21	15	13	–	0	–	–	–	0	2	0	–	5.20	–	-
Knockarevan	53	18.4	8.9	13.7	–	25.7	2	0.8	29	–	–	77	–	15	21	16	12	–	–	–	–	–	0	1	–	–	–	–	-
Lisnaskea	49	18.2	8.2	13.2	–	25.6	5	-1.0	29	–	–	45	–	11	15	13	9	0	0	0	0	3	1	4	–	0	–	–	-
Lough Navar Forest	126	–	6.5	–	–	–	–	-1.5	27,30	–	–	92	67	17	21	19	13	0	0	0	0	2	3	8	–	0	–	–	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Number of observations: 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
0 SCOTLAND N																																											
Shetland																																											
Fair Isle	61	9	1011.2	–	11.1	1.2	11.4	85	5.3	0	6	6	13	4	1	0	1	0	1	0	3	1	7	7	10	0	3	18	9	0	5	1	0	1	4	7	6	6
		15	1011.0	–	11.5	1.3	11.5	84	5.8	1	2	5	17	5	0	0	0	0	2	1	0	4	6	6	11	0	3	20	7	0	3	1	0	2	5	4	7	8
		21	1010.8	–	10.1	1.0	11.0	87	5.9	1	4	4	11	10	0	0	0	0	1	0	1	4	5	10	9	0	4	16	10	0	5	0	0	1	8	2	9	5
Lerwick	83	3	1010.1	–	9.2	0.7	10.7	90	5.6	2	4	4	12	8	0	0	0	0	1	0	0	4	5	15	5	0	2	16	12	0	2	0	0	1	4	7	8	8
		9	1010.1	+0.1	10.4	1.2	10.8	85	5.3	0	6	8	7	9	0	0	0	0	1	0	0	2	5	5	12	5	0	5	17	6	2	3	1	0	1	5	5	8	5
		15	1009.9	–	11.0	1.5	10.9	82	6.3	0	3	3	15	9	0	0	0	0	1	0	1	4	1	4	10	9	0	3	19	7	1	2	1	0	2	4	6	8	6
		21	1009.8	–	9.0	0.6	10.7	92	5.3	0	8	4	10	7	1	0	1	0	0	0	2	1	5	18	3	0	4	12	12	2	3	0	0	1	6	3	10	5
Muckle Flugga	54	3	1009.3	–	10.3	1.3	10.6	83	6.0	0	5	5	7	13	0	0	0	0	0	0	0	3	7	18	2	2	10	12	6	0	5	1	1	1	8	5	5	4
		9	1009.5	–	11.0	1.5	10.8	81	6.6	0	0	7	12	11	0	0	0	0	0	0	0	2	10	16	2	1	9	12	8	0	7	0	1	1	7	6	5	3
		15	1009.3	–	11.2	1.6	10.8	80	5.9	0	1	12	9	8	0	0	0	0	0	0	0	4	6	16	4	3	7	13	5	2	3	0	0	1	7	5	10	2
		21	1009.1	–	10.2	1.1	10.8	85	6.4	0	3	6	6	15	0	0	0	0	0	0	1	2	8	17	2	1	10	10	8	1	6	0	1	1	7	6	6	2
Sumburgh	13	3	1010.0	–	10.0	1.1	10.7	86	4.8	2	5	7	10	6	0	0	0	0	0	0	1	3	3	20	3	0	2	16	12	0	6	0	1	0	4	6	5	8
		9	1010.1	–	11.4	1.6	11.0	80	5.0	0	8	7	10	5	0	0	0	0	1	0	0	3	4	11	11	0	4	18	8	0	4	2	0	1	5	5	5	8
		15	1009.9	–	11.7	1.8	11.0	78	5.3	0	6	5	16	3	0	0	0	0	0	0	1	4	2	11	12	1	2	20	7	0	1	1	0	1	5	5	7	10
		21	1009.8	–	9.9	1.1	10.7	85	5.5	0	4	8	9	9	0	0	0	0	0	0	2	3	5	11	9	0	4	13	13	0	4	0	0	1	8	1	7	9
Orkney																																											
Kirkwall	26	3	1011.3	–	9.9	0.6	11.5	92	5.3	1	6	6	8	9	0	0	0	0	1	1	1	1	6	11	9	0	2	15	13	0	1	1	0	2	6	4	12	4
		9	1011.5	+1.0	11.8	1.4	11.6	82	5.2	0	6	8	11	5	0	0	0	0	0	0	1	2	5	11	11	0	2	16	12	0	5	0	0	1	5	7	6	6
		15	1011.3	–	12.7	2.0	11.4	76	5.8	0	3	5	15	7	0	0	0	0	0	0	0	1	4	9	16	1	2	16	11	0	2	2	2	1	6	5	6	6
		21	1011.2	–	9.7	0.8	11.0	89	5.2	0	7	6	7	10	0	0	0	0	0	0	0	2	7	8	13	0	2	11	17	0	1	0	1	2	6	3	15	2
Western Isles																																											
Benbecula	7	3	1012.0	–	10.4	1.0	11.4	88	5.1	3	5	4	10	8	0	0	0	1	1	0	1	1	7	10	9	0	6	6	16	2	5	5	4	1	3	3	7	0
		9	1012.1	+1.3	12.6	1.6	12.0	81	5.7	0	4	8	12	6	0	0	0	0	0	0	0	3	8	7	12	0	4	12	14	0	4	7	2	1	4	5	6	1
		15	1011.6	–	13.7	2.2	12.0	75	5.8	0	4	5	15	6	0	0	0	0	0	0	0	3	7	9	11	0	6	10	14	0	4	2	2	1	6	2	8	5
		21	1011.7	–	11.6	1.2	11.9	86	5.1	0	6	7	9	8	0	0	0	0	0	0	0	4	4	12	10	0	3	14	10	3	4	5	3	1	3	2	8	1
Stornoway	5	3	1011.6	–	10.1	0.9	11.2	89	5.0	2	4	9	4	11	0	0	0	0	0	0	0	7	6	11	6	0	3	6	19	2	3	1	1	2	3	7	5	6
		9	1011.7	+1.0	11.8	1.4	11.7	83	5.6	1	3	9	11	6	0	0	0	0	0	0	0	4	7	13	6	1	1	10	18	0	5	1	2	0	9	5	4	4
		15	1011.3	–	13.0	2.2	11.4	75	6.2	1	0	6	18	5	0	0	0	0	0	0	0	1	8	14	7	0	2	11	17	0	3	4	1	0	9	3	5	5
		21	1011.3	–	10.8	1.2	11.3	85	5.1	0	7	7	9	7	0	0	0	0	0	0	0	6	4	14	6	0	3	9	17	1	4	1	1	1	4	9	5	4
Highland																																											
Aviemore	228	3	1013.6	–	8.2	0.9	9.8	88	5.0	3	5	5	12	5	0	0	0	1	2	2	0	1	5	11	8	0	0	8	17	5	6	0	0	0	14	3	0	2
		9	1013.4	–	10.8	1.6	10.6	81	4.9	2	5	7	12	3	1	0	0	1	1	1	0	2	2	10	13	0	1	7	20	2	4	0	5	3	12	2	1	1
		15	1012.1	–	14.5	3.5	10.6	64	4.8	0	8	5	14	3	0	0	0	0	0	0	0	1	1	6	22	0	0	11	19	0	9	3	0	2	15	1	0	0
		21	1013.1	–	9.8	1.2	10.5	85	5.0	1	5	6	14	4	0	0	0	0	0	0	1	0	1	15	13	0	0	8	17	5	5	0	0	0	12	2	3	3
Cape Wrath	113	3	1010.8	–	11.1	1.2	11.4	84	6.2	0	4	6	6	12	2	2	0	0	0	0	0	0	8	15	5	3	5	13	8	1	2	0	2	2	2	11	8	2
		9	1011.0	–	11.3	1.5	11.2	82	6.4	0	2	4	14	8	2	2	0	0	0	0	1	0	6	15	6	2	4	13	9	2	3	4	0	0	4	11	3	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1010.7	–	11.3	1.5	11.0	80	5.9	0	3	10	8	8	1	1	0	0	1	0	0	0	3	16	9	3	6	11	9	1	3	3	1	2	4	6	10	0
Dalcross	12	9	1012.6	–	12.3	2.0	11.2	77	4.7	1	6	7	15	1	0	0	0	0	0	0	0	2	4	15	9	0	2	8	20	0	2	1	1	0	2	20	4	0
		15	1011.6	–	15.0	3.4	11.2	65	5.7	1	3	5	18	3	0	0	0	0	0	0	0	1	6	13	10	0	2	8	20	0	4	7	2	1	0	12	2	2
		21	1012.2	–	11.5	1.7	11.0	80	5.0	0	9	2	14	5	0	0	0	0	0	0	0	2	4	15	9	0	0	7	22	1	2	1	5	1	1	14	4	1
Invergordon	12	3	1012.7	–	10.9	1.5	10.8	81	4.5	4	4	9	7	6	0	0	0	0	0	0	1	1	0	17	11	0	3	5	18	4	1	1	0	1	2	9	10	2
Harbour		9	1012.8	–	11.7	1.8	11.0	78	5.5	0	5	5	15	4	1	0	1	0	0	0	0	3	0	11	15	0	1	4	20	5	1	1	1	1	4	15	1	
		15	1012.0	–	14.9	3.3	11.3	66	6.0	0	4	5	14	7	0	0	0	0	0	0	1	1	4	11	13	0	2	9	16	3	2	2	5	1	1	6	7	3
		21	1012.5	–	12.1	2.0	10.9	76	5.4	1	4	8	7	10	0	0	0	0	0	0	0	1	3	15	11	0	0	8	13	9	4	1	0	0	5	5	5	1
Waterstein	81	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wick	37	3	1011.9	–	9.4	1.0	10.7	87	4.9	2	6	6	7	9	0	0	0	0	2	0	0	5	1	8	14	0	0	14	16	0	0	0	1	2	5	9	9	4
		9	1012.0	+1.1	11.6	1.5	11.4	82	5.3	1	5	5	14	5	0	0	0	0	0	0	1	4	4	8	13	1	1	13	15	0	3	2	0	2	5	7	8	3
		15	1011.7	–	13.0	2.5	10.9	71	6.2	0	3	3	19	5	0	0	0	0	0	0	1	0	7	11	11	0	2	12	16	0	2	2	2	2	7	3	5	7
		21	1011.7	–	10.0	1.2	10.7	85	5.4	1	4	6	14	5	0	0	0	0	0	0	1	3	2	13	11	0	0	11	19	0	2	1	1	3	6	6	10	1
1 SCOTLAND E																																											
Grampian																																											
Dyce	69	3	1013.1	–	9.3	1.2	10.1	84	4.1	3	11	2	10	3	1	0	0	1	0	1	1	2	4	7	14	0	0	5	23	2	6	1	1	1	6	7	3	3
		9	1013.3	+1.3	12.3	1.9	11.3	78	5.0	0	8	6	12	4	0	0	0	0	0	0	2	5	3	7	13	0	2	10	17	1	5	2	1	1	4	6	5	5
		15	1012.4	–	15.2	3.5	11.2	64	5.1	1	6	5	14	4	0	0	0	0	0	0	0	2	6	5	17	0	2	14	14	0	2	2	3	2	9	2	5	5
		21	1012.8	–	10.6	1.3	10.8	83	4.4	2	10	4	11	3	0	0	0	0	0	0	1	2	1	2	10	14	0	0	3	24	3	3	0	1	2	6	7	2	6
Glenlivet	212	9	1013.4	–	10.8	1.5	10.7	81	5.3	4	2	5	16	3	0	0	0	0	0	0	0	0	0	2	7	21	0	0	4	26	0	0	0	5	9	3	1	11	1
		15	1012.4	–	14.2	3.6	10.2	63	5.7	2	2	5	18	3	0	0	0	0	0	0	0	0	1	4	25	0	0	3	27	0	0	0	1	6	3	1	18	1
		21	1013.3	–	9.6	1.4	10.1	83	5.5	0	6	7	10	6	1	0	0	0	1	0	0	0	0	14	15	0	0	1	29	0	1	0	11	5	2	0	9	2
Kinloss	6	3	1012.9	–	10.3	1.4	10.5	83	4.2	3	10	3	9	5	0	0	0	0	0	0	1	0	1	5	8	15	0	0	8	20	2	1	0	2	0	5	18	2	0
		9	1013.0	+1.5	12.4	2.1	11.1	76	5.2	1	8	2	15	4	0	0	0	0	0	0	2	0	0	5	12	11	0	1	11	17	1	1	2	1	0	3	11	8	3
		15	1012.2	–	15.2	3.8	10.7	62	5.5	1	3	7	17	2	0	0	0	0	0	0	0	2	2	12	14	0	2	7	21	0	8	3	2	1	2	7	4	3
		21	1012.6	–	11.5	1.8	10.9	79	5.0	0	6	8	13	3	0	0	0	0	0	0	1	1	3	12	13	0	0	9	21	0	1	1	1	5	6	8	6	2
Peterhead	15	3	1013.2	–	11.0	1.5	11.0	82	4.7	2	7	6	7	6	2	0	0	0	2	0	0	2	26	0	0	0	0	12	15	3	0	1	0	1	4	8	11	2
Harbour		9	1013.1	–	12.3	2.0	11.0	76	5.7	0	4	8	10	6	2	0	0	0	2	0	1	3	10	14	0	0	2	13	14	1	4	1	1	1	7	2	12	1
		15	1012.7	–	13.9	2.7	11.2	71	5.7	0	2	13	9	5	1	0	0	0	1	1	0	3	8	17	0	0	2	15	13	0	9	0	1	1	10	3	3	3
		21	1012.9	–	12.0	1.8	11.2	78	5.1	0	4	14	5	7	0	0	0	0	0	0	0	4	26	0	0	0	0	16	8	6	4	1	1	1	7	3	6	1
Fife																																											
Leuchars	12	3	1013.9	–	9.6	0.9	10.8	88	4.5	2	8	6	8	6	0	1	0	0	2	0	1	2	3	9	12	0	0	6	22	2	4	2	1	0	1	13	5	2
		9	1014.0	+1.7	12.9	2.1	11.5	76	5.1	1	7	5	11	6	0	0	0	0	0	0	3	3	7	7	10	0	2	11	17	0	2	0	7	0	2	5	13	1
		15	1013.1	–	15.4	3.6	11.1	63	5.1	1	7	6	11	5	0	0	0	0	0	0	1	5	4	5	15	0	3	12	15	0	0	2	10	3	2	7	6	0
		21	1013.5	–	11.1	1.5	11.0	82	3.8	4	11	1	12	2	0	0	0	0	0	0	2	4	3	7	14	0	0	9	19	2	2	3	2	2	0	7	10	2

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Wind speed and direction: Beaufort force: 6-7	Wind speed and direction: Beaufort force: 4-5	Wind speed and direction: Beaufort force: 1-3	Wind speed and direction: Beaufort force: Calm	Wind speed and direction: Speed (kn): 34 or more	Wind speed and direction: Speed (kn): 22-33	Wind speed and direction: Speed (kn): 11-21	Wind speed and direction: Speed (kn): 1-10	Wind speed and direction: Speed (kn): 0	Wind speed and direction: N	Wind speed and direction: NE	Wind speed and direction: E	Wind speed and direction: SE	Wind speed and direction: S	Wind speed and direction: SW	Wind speed and direction: W	Wind speed and direction: NW
1 SCOTLAND E - Continued																																										
Lothian																																										
Turnhouse	44	3	1014.3	–	10.1	0.8	11.3	90	5.1	1	5	9	10	5	0	0	0	0	4	0	0	2	7	15	2	0	0	6	19	5	0	3	4	3	0	7	8	0
		9	1014.3	+1.4	12.5	1.5	12.0	82	5.0	0	6	8	15	1	0	0	0	0	1	0	2	7	5	12	3	0	1	10	18	1	1	3	4	1	0	11	8	1
		15	1013.4	–	15.4	2.8	12.5	71	5.3	2	4	6	17	1	0	0	0	0	0	0	0	4	10	7	9	0	1	12	17	0	1	8	5	0	0	8	7	1
		21	1013.8	–	11.9	1.3	12.0	85	4.6	1	8	7	13	1	0	0	0	0	0	0	1	4	4	16	5	0	0	11	13	6	1	3	5	2	2	7	4	0
6 SCOTLAND W																																										
Strathclyde																																										
Abbotsinch	9	3	1014.4	–	9.7	1.0	10.8	88	5.1	3	3	6	13	5	0	0	0	0	2	1	1	7	5	13	1	0	1	5	15	9	1	1	6	0	3	4	6	0
		9	1014.5	+1.7	11.7	1.4	11.6	83	5.6	0	4	6	18	2	0	0	0	1	1	1	5	5	5	9	3	0	0	8	22	0	1	7	6	0	3	5	8	0
		15	1013.4	–	16.1	3.5	12.0	66	5.0	3	3	7	14	3	0	0	0	0	0	0	0	4	9	11	6	0	1	12	16	1	0	4	5	0	0	11	9	0
		21	1013.9	–	11.9	1.5	11.7	82	4.8	2	6	6	14	2	0	0	0	0	0	0	0	6	8	9	7	0	1	5	24	0	1	1	7	3	1	7	9	1
Orsay	24	3	1013.4	–	12.1	1.0	12.7	89	4.1	1	11	7	2	9	0	0	0	0	0	0	0	0	8	4	18	1	5	11	8	5	6	1	3	2	4	3	6	0
		9	1013.7	–	13.3	1.2	13.3	86	5.3	0	3	11	9	7	0	0	0	0	0	0	0	0	9	8	13	1	5	10	12	2	4	2	3	1	6	5	4	3
		15	1013.2	–	14.3	1.7	13.4	82	5.4	0	4	11	7	8	0	0	0	1	0	0	0	0	7	8	14	0	10	10	9	1	4	2	0	4	6	5	4	4
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Prestwick	21	3	1014.6	–	10.1	1.1	10.8	86	4.5	3	8	3	12	4	0	0	0	0	0	0	1	6	3	18	2	0	2	7	21	0	1	2	9	5	5	6	2	0
		9	1014.8	+1.8	13.0	1.8	12.0	79	4.4	3	9	3	13	2	0	0	0	0	0	0	0	4	8	14	4	0	1	9	20	0	0	3	5	3	3	7	4	5	0
		15	1013.9	–	16.2	3.3	12.5	67	5.0	2	5	6	14	3	0	0	0	0	0	0	0	1	10	10	9	0	3	10	17	0	2	3	1	1	3	10	9	1
		21	1014.1	–	12.1	1.5	11.8	83	4.0	3	10	6	8	3	0	0	0	0	0	0	1	2	7	13	7	0	1	9	20	0	1	5	8	4	4	3	5	0
Tiree	10	3	1013.0	–	11.3	0.9	12.1	88	4.4	3	6	9	7	5	0	0	0	0	0	0	0	5	4	13	8	0	4	13	11	2	4	6	1	3	4	2	7	1
		9	1013.2	+1.6	13.3	1.7	12.6	81	5.1	2	4	6	13	5	0	0	0	0	0	0	0	4	6	12	8	0	3	12	15	0	4	2	5	2	6	3	7	1
		15	1012.7	–	14.1	2.0	12.7	77	5.3	1	6	6	13	4	0	0	0	0	0	0	1	2	9	7	11	0	6	15	9	0	8	2	0	0	9	4	5	2
		21	1012.8	–	12.0	1.2	12.2	85	4.1	2	11	7	2	8	0	0	0	0	0	0	0	6	2	12	10	0	2	18	9	1	7	5	1	1	3	3	8	1
Dumfries & Galloway																																										
Corsewall Point	15	9	–	–	13.3	1.6	12.7	82	4.2	1	13	5	4	7	0	0	0	0	0	0	0	0	6	16	8	0	4	10	14	2	5	2	1	5	7	4	3	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drungans	16	3	–	–	10.3	1.1	11.1	87	4.5	5	4	7	7	7	0	0	0	0	0	0	0	0	13	17	0	0	0	1	24	5	2	4	2	1	2	7	3	4
		9	–	–	12.1	1.6	11.6	81	4.5	4	2	13	4	7	0	0	0	0	0	1	0	1	6	20	2	0	0	3	21	6	5	3	3	0	2	7	3	1
		15	–	–	17.2	3.6	13.0	66	4.7	5	3	6	9	7	0	0	0	0	0	0	0	2	5	21	2	0	0	5	25	0	1	3	5	4	1	13	2	1
		21	–	–	13.0	1.6	12.5	82	4.3	7	4	4	8	7	0	0	0	0	0	0	0	2	6	21	1	0	0	2	25	3	2	1	4	2	5	6	4	3
Eskdalemuir	237	3	1015.0	–	7.6	0.4	10.1	95	5.2	5	4	2	7	11	1	1	1	0	1	2	2	6	6	10	1	0	0	4	22	4	10	3	0	1	5	4	1	2
		9	1015.3	+1.8	10.8	1.1	11.2	86	5.2	3	3	6	10	7	1	0	1	0	1	1	2	3	12	4	6	0	0	7	23	0	5	7	1	5	3	4	3	2
		15	1014.2	–	14.9	2.7	12.3	72	5.1	4	2	7	12	5	0	0	0	0	0	1	0	2	4	13	10	0	1	9	20	0	1	3	3	2	6	10	4	1
		21	1014.8	–	9.9	0.7	11.4	91	4.4	6	6	4	6	8	0	0	0	0	1	0	2	6	8	5	8	0	0	6	22	2	9	2	0	1	4	5	3	4
2 ENGLAND E & NE																																										
Northumberland																																										
Boulmer	27	3	1014.8	–	10.5	1.2	10.9	85	4.4	3	8	6	8	5	0	0	0	0	1	1	3	1	5	9	10	0	0	4	26	0	3	0	0	0	9	5	7	6
		9	1015.0	+1.6	13.3	2.2	11.5	75	4.7	2	7	6	11	4	0	0	0	0	0	2	1	5	3	10	9	0	1	6	23	0	9	0	3	2	3	6	6	1
		15	1014.2	–	15.3	3.1	12.0	68	5.2	1	4	7	15	3	0	0	0	0	0	1	4	5	8	12	0	1	13	16	0	6	4	2	4	2	8	4	0
		21	1014.6	–	11.6	1.3	11.6	84	4.9	1	6	9	9	5	0	0	0	0	1	0	3	1	7	13	5	0	1	4	25	0	5	0	0	2	7	6	9	1
Tyne & Wear																																										
Newcastle Weather Centre (X)	47	3	1015.3	–	11.1	1.6	10.7	80	4.7	4	6	3	12	5	0	0	0	0	0	0	3	3	3	17	4	0	0	3	27	0	1	2	1	3	3	8	7	5
		9	1015.5	–	12.7	2.3	10.8	73	4.9	1	8	5	12	4	0	0	0	0	0	0	4	5	5	6	10	0	0	3	26	1	5	2	1	1	4	6	9	1
		15	1014.5	–	16.2	4.1	11.1	59	4.7	2	5	8	11	4	0	0	0	0	0	0	1	1	3	10	15	0	0	4	26	0	4	5	5	1	2	5	7	1
		21	1015.0	–	13.0	2.0	11.7	77	5.3	1	4	8	14	3	0	0	0	0	0	1	0	3	3	10	13	0	0	3	25	2	3	3	1	2	2	9	5	3
Tynemouth	40	3	1015.0	–	11.6	1.5	11.3	82	4.3	4	6	8	6	6	0	0	0	0	0	0	2	4	4	20	0	0	3	12	12	3	3	0	0	1	8	8	1	6
		9	1015.3	+1.6	12.9	1.9	11.8	79	4.9	2	4	10	8	6	0	0	0	0	1	1	3	3	9	13	0	0	3	13	12	2	9	0	1	0	7	2	7	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1014.9	–	13.3	1.9	12.1	79	5.2	3	4	4	10	8	1	0	0	1	0	0	1	3	4	21	0	1	1	10	16	2	6	1	0	1	7	5	6	2
North Yorkshire																																										
Fylingdales	262	3	1015.7	–	9.5	0.6	11.1	92	4.1	9	0	10	1	6	4	0	0	1	4	0	0	2	5	18	0	0	0	1	5	20	4	6	2	1	0	2	12	2	1
		9	1015.8	–	12.2	1.5	11.8	83	5.2	2	3	10	4	8	3	0	0	1	2	0	2	7	2	16	0	0	2	14	13	1	7	3	2	0	3	7	4	3
		15	1014.8	–	14.9	2.9	11.8	70	5.6	2	3	6	9	10	0	0	0	0	0	0	1	5	4	20	0	0	2	16	11	1	5	7	0	2	2	7	5	1
		21	1015.5	–	11.0	0.9	11.8	88	5.5	7	0	3	4	13	3	0	0	2	2	0	0	2	4	20	0	0	0	10	17	3	6	4	0	3	3	7	4	0
Leeming	37	3	1015.6	–	10.5	1.0	11.2	87	4.4	7	3	6	6	8	0	0	0	1	2	2	4	4	4	7	6	0	1	3	21	5	7	1	0	3	6	2	5	1
		9	1015.9	+1.5	13.0	2.0	11.6	77	5.2	1	9	2	8	10	0	0	0	0	0	1	1	8	5	10	5	0	1	8	21	0	14	0	1	1	6	0	7	1
		15	1014.6	–	17.7	4.6	11.7	58	4.8	3	7	2	15	3	0	0	0	0	0	0	0	3	7	10	10	0	2	15	13	0	4	7	1	0	3	7	7	1
		21	1015.4	–	12.9	1.7	12.1	80	5.1	3	4	5	10	8	0	0	0	0	0	0	0	3	6	6	10	5	0	0	5	25	0	5	1	0	3	5	5	7	4
Humberside																																										
Bridlington MRSC	19	3	1015.0	–	11.9	1.3	11.8	84	4.5	4	4	10	5	7	0	0	0	0	0	0	1	5	7	17	0	0	0	2	4	20	4	9	0	2	0	1	8	2	4
		9	1015.4	–	14.9	2.7	12.2	72	4.3	3	4	13	7	3	0	0	0	0	0	0	3	6	6	15	0	0	1	12	16	1	9	1	1	0	4	7	4	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1015.0	–	13.6	1.8	12.5	79	4.9	4	5	3	10	7	1	1	0	0	0	1	1	2	4	21	0	0	0	11	15	4	7	0	1	0	6	5	5	2
Easington	20	3	–	–	12.6	–	–	–	3.9	9	3	7	3	6	2	0	1	0	1	1	1	2	5	19	0	0	2	8	20	0	4	5	2	0	4	5	7	3
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lincolnshire																																									
Coningsby	8	3	1015.5	–	10.9	1.1	11.5	87	4.3	5	6	5	7	7	0	0	0	0	0	1	4	6	3	15	1	0	0	4	25	1	7	3	4	1	4	5	2	3
		9	1016.0	–	14.8	2.6	12.3	73	4.4	2	8	8	7	5	0	0	0	0	0	0	1	10	7	12	0	0	0	10	20	0	5	4	1	0	4	7	7	2
		15	1014.8	–	18.8	5.4	11.3	53	3.9	3	8	10	3	6	0	0	0	0	0	0	0	10	3	14	3	0	0	15	15	0	2	6	3	2	3	4	7	3
		21	1015.5	–	13.7	2.1	12.2	77	4.7	3	8	4	8	7	0	0	0	0	0	0	1	9	2	13	5	0	0	7	23	0	6	7	2	3	3	3	4	2
Waddington	70	3	1016.0	–	11.4	1.1	11.8	87	4.9	3	6	5	6	9	1	0	0	1	2	0	3	4	4	15	1	0	1	4	24	1	8	2	2	1	5	8	1	2
		9	1016.4	+1.0	14.0	2.2	12.2	76	5.0	1	7	4	11	7	0	0	0	0	0	0	3	9	4	10	4	0	0	15	15	0	6	3	1	0	4	8	7	1
		15	1015.1	–	19.2	5.7	11.0	51	3.8	5	5	11	6	3	0	0	0	0	0	0	0	6	3	12	9	0	0	15	14	1	4	6	1	1	2	6	7	2
		21	1015.9	–	13.8	2.2	12.1	76	4.6	4	6	4	10	6	0	0	0	0	0	0	1	8	2	11	8	0	0	11	18	1	4	5	4	3	2	7	3	1

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 EAST ANGLIA																																											
Norfolk																																										
Coltishall	19	3	1015.7	–	11.8	0.9	12.6	89	4.5	3	8	3	10	6	0	0	0	1	0	2	2	9	6	10	0	0	0	5	20	5	2	5	0	2	2	5	4	5
		9	1016.2	–	15.5	2.3	13.6	76	4.9	1	6	5	16	2	0	0	0	0	0	0	0	9	9	8	4	0	0	10	20	0	3	4	1	2	2	4	8	6
		15	1015.4	–	18.2	4.3	12.7	61	4.4	1	9	8	9	3	0	0	0	0	0	0	0	6	4	13	7	0	0	11	19	0	7	4	5	0	3	4	3	4
		21	1015.9	–	13.3	1.6	12.7	82	4.2	3	7	7	8	5	0	0	0	0	0	1	3	2	8	15	1	0	0	5	21	4	8	2	1	2	3	6	3	1
Hemsby	14	3	1015.4	–	12.4	0.8	13.2	90	4.2	8	3	5	7	6	1	0	1	0	0	0	1	3	10	7	8	0	0	0	5	21	4	5	1	2	1	6	4	6	1
		9	1016.0	–	15.6	2.0	14.1	79	5.7	1	3	5	16	5	0	0	0	0	0	0	0	3	7	6	11	3	0	0	13	17	0	7	3	2	1	4	6	5	2
		15	1015.3	–	17.7	3.3	14.0	69	4.4	3	6	9	7	5	0	0	0	0	0	0	0	3	5	3	12	7	0	0	17	13	0	9	3	5	1	4	3	3	2
		21	1015.7	–	13.5	1.3	13.4	85	3.5	5	11	4	6	4	0	0	0	0	0	1	0	2	5	6	16	0	0	0	6	22	2	7	1	1	3	8	4	2	2
Marham	24	3	1016.0	–	11.2	0.7	12.4	91	4.1	7	5	3	10	5	0	0	0	0	0	2	0	4	6	7	8	3	0	1	4	20	5	3	5	4	3	4	4	1	1
		9	1016.5	+0.7	15.2	2.1	13.5	77	4.3	1	8	10	8	3	0	0	0	0	0	0	0	10	6	10	4	0	0	12	18	0	3	7	2	2	5	6	3	2
		15	1015.2	–	19.0	4.6	12.8	59	4.0	3	9	6	10	2	0	0	0	0	0	0	0	3	5	5	9	8	0	0	15	15	0	9	3	2	2	4	3	5	2
		21	1015.9	–	13.5	1.7	12.7	81	4.3	6	4	5	12	3	0	0	0	0	0	0	0	3	5	5	6	11	0	0	6	22	2	5	5	3	5	4	4	1	1
Norwich	15	3	1015.8	–	12.8	1.0	13.3	89	4.2	6	5	4	11	4	0	0	0	0	0	1	0	4	9	7	9	0	0	0	1	28	1	9	3	0	1	6	4	4	2
Weather Centre (X)		9	1016.3	–	15.5	2.1	13.9	79	4.9	1	5	8	14	2	0	0	0	0	0	0	0	0	10	11	8	1	0	0	1	29	0	5	5	6	0	4	3	4	3
		15	1015.3	–	18.6	3.9	13.7	64	4.5	1	8	8	9	4	0	0	0	0	0	0	0	0	5	7	11	7	0	0	4	26	0	3	8	4	1	4	5	1	4
		21	1015.9	–	14.5	1.8	13.5	81	4.3	5	7	3	10	5	0	0	0	0	0	0	1	2	5	6	16	0	0	0	0	30	0	3	6	4	1	8	3	4	1
Cambridgeshire																																										
Wyton	43	3	1016.1	–	11.6	1.0	12.2	88	4.6	4	8	2	7	9	0	0	1	0	0	1	4	5	5	10	4	0	0	4	26	0	9	1	3	1	5	5	4	2
		9	1016.5	+0.5	14.5	2.0	13.0	78	5.2	3	4	6	11	6	0	0	0	0	0	0	2	9	5	11	3	0	0	10	20	0	7	5	1	0	5	5	4	3
		15	1015.1	–	19.3	5.0	12.4	57	4.5	6	4	3	13	4	0	0	0	0	0	0	2	6	3	11	8	0	0	13	17	0	4	5	2	2	3	7	5	2
		21	1016.0	–	14.2	2.3	12.2	76	4.4	4	5	8	9	4	0	0	0	0	0	0	2	6	5	11	6	0	0	7	22	1	3	8	1	5	4	5	2	1
Suffolk																																										
Honington	51	3	1016.0	–	11.1	0.7	12.2	91	4.0	8	5	4	5	7	1	0	0	2	0	0	6	3	9	10	0	0	0	1	24	5	7	5	0	3	2	5	2	1
		9	1016.4	+0.5	15.4	2.4	13.2	75	4.3	2	10	3	12	3	0	0	0	0	0	0	3	9	9	6	3	0	0	4	26	0	4	6	6	0	3	6	4	1
		15	1015.2	–	19.2	5.2	12.0	55	4.0	3	10	5	9	3	0	0	0	0	0	0	1	8	3	12	6	0	0	7	23	0	2	2	5	3	3	4	7	4
		21	1016.1	–	13.3	1.8	12.3	80	3.8	3	11	4	10	2	0	0	0	0	0	1	2	8	3	15	1	0	0	2	28	0	6	2	3	6	3	6	2	2
Wattisham	91	3	1015.9	–	11.5	0.7	12.5	91	3.9	11	3	2	4	8	2	1	0	1	1	2	2	4	7	11	1	0	0	5	23	2	7	3	1	4	3	6	2	2
		9	1016.3	–	15.2	2.2	13.3	77	4.7	4	6	3	12	5	0	0	0	0	1	0	1	5	9	12	2	0	0	10	19	1	6	9	2	1	4	3	2	2
		15	1015.2	–	18.3	4.5	12.4	60	4.6	3	5	9	9	4	0	0	0	0	0	0	0	5	11	12	2	0	0	15	15	0	4	2	2	6	3	4	3	6
		21	1016.1	–	13.2	1.6	12.5	81	4.0	5	7	6	9	3	0	0	0	0	0	0	2	8	8	12	0	0	0	7	21	2	3	5	5	1	4	6	2	2
Essex																																										
Stansted	102	3	1015.9	–	11.5	1.0	12.0	88	4.4	5	4	8	8	5	0	0	0	1	0	1	4	6	8	9	1	0	0	3	27	0	8	3	4	1	3	7	3	1
		9	1016.3	+0.1	14.8	2.2	13.0	77	5.2	2	7	1	16	4	0	0	0	0	0	1	2	10	7	9	1	0	0	7	23	0	5	3	7	0	4	4	3	4
		15	1015.2	–	19.0	5.2	11.8	56	4.6	1	7	9	10	3	0	0	0	0	0	0	0	8	6	11	5	0	0	8	22	0	2	2	6	2	3	5	5	5
		21	1016.1	–	13.6	2.1	12.0	77	4.7	4	3	9	9	5	0	0	0	0	0	0	1	12	3	12	2	0	0	3	27	0	4	6	4	3	4	7	2	0
4 MIDLAND COUNTIES																																										
West Yorkshire																																										
Leeds	60	3	1015.8	–	11.7	1.1	12.0	86	5.4	2	6	2	13	7	0	0	0	0	0	0	1	1	13	3	8	4	0	0	4	26	0	6	2	2	1	1	4	7	7
Weather Centre (X)		9	1016.1	–	13.7	2.2	11.8	75	4.6	2	7	6	9	6	0	0	0	0	0	0	0	2	12	6	7	5	0	1	5	23	1	6	3	3	2	1	3	6	5
		15	1014.7	–	18.3	4.8	11.8	57	4.8	5	2	6	14	3	0	0	0	0	0	0	0	0	5	10	6	9	0	1	12	17	0	4	2	3	0	4	2	10	5
		21	1015.6	–	14.0	2.1	12.4	77	4.7	3	6	6	8	7	0	0	0	0	0	0	0	0	11	4	9	6	0	0	3	27	0	4	4	3	0	2	6	7	4
Wilsden	267	3	1016.1	–	10.1	0.9	11.1	89	5.3	3	3	7	6	9	2	0	2	0	0	2	1	11	11	2	1	0	1	3	23	3	0	5	4	2	4	5	6	1
		9	1016.1	–	12.1	1.8	11.3	80	4.7	1	7	9	6	6	1	0	1	0	0	2	2	7	11	7	0	0	0	8	21	1	1	5	6	1	3	3	8	2
		15	1014.9	–	16.1	3.8	11.5	63	4.6	4	4	8	7	7	0	0	0	0	0	0	3	10	6	6	5	0	0	10	19	1	1	8	1	1	1	7	9	1
		21	1015.8	–	11.4	1.4	11.4	83	3.5	7	7	5	6	5	0	0	0	0	0	0	2	6	13	9	0	0	0	7	20	3	1	4	3	3	3	4	8	1
South Yorkshire																																										
Finningley	15	3	1015.8	–	10.9	1.0	11.5	88	4.8	4	5	4	9	8	0	1	0	0	1	1	4	8	3	9	3	0	1	4	23	2	7	3	1	0	8	4	2	3
		9	1016.3	+1.3	14.0	2.4	11.9	74	5.0	1	7	5	10	7	0	0	0	0	0	0	3	8	7	9	3	0	0	9	20	1	10	0	0	1	6	4	6	2
		15	1014.9	–	19.2	6.0	10.6	49	4.2	5	6	6	11	2	0	0	0	0	0	0	0	4	7	9	10	0	0	12	18	0	2	6	3	2	3	5	6	3
		21	1015.7	–	13.2	2.1	11.7	77	4.9	5	4	3	12	6	0	0	0	0	0	0	3	7	6	10	4	0	0	7	23	0	5	3	2	6	4	5	4	1
Nottinghamshire																																										
Nottingham	119	3	1016.3	–	11.1	1.0	11.6	87	4.9	4	6	2	9	9	0	0	0	0	0	1	1	4	8	2	13	1	0	0	4	26	0	6	6	2	0	4	7	4	1
Weather Centre (X)		9	1016.6	+1.2	13.3	1.9	12.1	79	4.7	1	9	5	9	6	0	0	0	0	0	1	0	5	13	7	1	3	0	0	6	24	0	3	7	2	1	2	7	7	1
		15	1015.2	–	18.9	5.8	10.7	50	3.9	5	7	6	10	2	0	0	0	0	0	0	0	7	5	3	15	0	0	15	15	0	2	8	1	0	3	7	7	2
		21	1016.1	–	13.7	2.2	11.9	76	4.9	4	4	4	14	4	0	0	0	0	0	1	2	7	5	11	4	0	0	7	23	0	3	7	5	1	3	6	3	2
Staffordshire																																										
Cellarhead	228	3	1016.2	–	10.1	0.8	11.2	90	4.1	11	1	5	4	9	0	0	0	0	0	0	0	3	6	21	0	0	0	0	4	20	6	1	4	5	2	2	5	5	0
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1015.7	–	13.0	1.9	11.9	79	4.7	5	3	6	8	8	0	0	0	0	0	0	0	0	14	16	0	0	0	0	6	19	5	1	1	9	1	1	3	7	2
Shropshire																																										
Shawbury	76	3	1016.1	–	10.6	1.1	11.2	87	4.3	7	4	5	5	9	0	0	0	0	0	1	2	5	4	8	8	2	0	0	3	21	6	2	1	5	2	5	1	5	3
		9	1016.5	+1.1	13.4	2.1	11.9	77	5.1	3	6	4	8	9	0	0	0	0	0	0	1	3	9	6	8	3	0	0	6	23	1	1	0	8	3	8	0	6	3
		15	1015.2	–	18.8	5.4	11.3	52	5.4	2	2	8	15	3	0	0	0	0	0	0	0	8	8	9	5	0	0	12	18	0	3	4	6	1	5	1	8	2
		21	1015.8	–	13.2	2.0	11.9	78	4.8	6	4	2	11	7	0	0	0	0	0	0	0	2	8	8	7	5	0	0	3	24	3	5	4	3	1	2	4	4	4
West Midlands																																										
Elmdon	99	3	1016.0	–	10.7	0.9	11.7	89	4.7	5	6	3	8	8	0	0	0	0	0	0	1	2	10	10	5	2	0	0	2	20	8	2	8	0	2	5	2	2	1
		9	1016.4	+0.6	13.9	2.1	12.3	77	5.0	0	11	2	10	7	0	0	0	0	0	0	0	2	12	9	4	3	0	0	8	22	0	2	6	2	3	6	2	6	3
		15	1014.9	–	19.2	5.6	11.3	52	4.1	3	10	4	10	3	0	0	0	0	0	0	0	0	4	12	8	6	0	0	11	19	0	2	5	4	1	5	3	9	1
		21	1015.8	–	14.0	2.4	12.0	74	4.8	5	3	5	11	6	0	0	0	0	0	0	0	3	8	9	8	2	0	0	3	25	2	3	5	2	2	5	7	4	0
Hereford & Worcester																																										
Great Malvern	46	9	1016.4	–	15.2	2.1	13.6	78	5.1	3	6	3	10	8	0	0	0	0	0	0	0	5	12	2	11	0	0	0	4	26	0	6	7	6	0	6	1	3	1
		15	1015.1	–	20.7	5.1	14.0	58	4.5	3	8	4	11	4	0	0	0	0	0	0	0	0	3	12	11	4	0	0	7	23	0	5	6	1	0	4	8	4	2
		21	1015.8	–	14.5	2.0	13.1	79	4.9	5	3	7	4	11	0	0	0	0	0	0	0	1	5	12	12	0	0	0	3	22	5	1	3	1	1	4	4	7	4

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Wind speed and direction: Beaufort force: 6-7	Wind speed and direction: Beaufort force: 4-5	Wind speed and direction: Beaufort force: 1-3	Wind speed and direction: Beaufort force: Calm	Wind speed and direction: Speed (kn): 34 or more	Wind speed and direction: Speed (kn): 22-33	Wind speed and direction: Speed (kn): 11-21	Wind speed and direction: Speed (kn): 1-10	Wind speed and direction: Speed (kn): 0	Wind speed and direction: N	Wind speed and direction: NE	Wind speed and direction: E	Wind speed and direction: SE	Wind speed and direction: S	Wind speed and direction: SW	Wind speed and direction: W	Wind speed and direction: NW
									Number of observations																																	
4 MIDLAND COUNTIES - Continued																																										
Hereford & Worcester - Continued																																										
Madley	79	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Oxfordshire																																										
Brize Norton	92	3	1016.1	–	11.4	1.0	12.0	87	4.5	8	3	3	9	7	0	0	0	0	0	0	0	12	7	9	2	0	0	0	27	3	4	9	2	0	1	5	6	0				
		9	1016.5	–	14.2	1.9	12.9	79	5.1	0	10	1	11	8	0	0	0	0	0	0	0	2	10	5	11	2	0	0	2	28	0	4	9	6	1	0	8	1	1			
		15	1015.0	–	19.5	5.2	12.3	55	4.7	3	5	9	10	3	0	0	0	0	0	0	0	6	8	8	8	0	1	9	20	0	4	6	3	2	3	4	4	4				
		21	1016.0	–	14.2	2.1	12.5	77	4.2	7	4	7	5	7	0	0	0	0	0	0	2	6	10	11	1	0	0	4	23	3	2	6	2	0	4	6	5	2				
5 ENGLAND SE & CENT. S																																										
Greater London																																										
Heathrow	26	3	1015.8	–	12.9	1.2	13.1	87	4.4	6	4	5	11	4	0	0	0	0	0	1	0	3	9	8	7	2	0	0	1	21	8	5	3	1	0	2	5	2	4			
		9	1016.3	-0.1	15.7	2.1	14.0	78	4.6	0	12	2	11	5	0	0	0	0	0	0	0	4	8	8	7	3	0	0	2	26	2	5	6	0	3	4	4	3	3			
		15	1014.9	–	20.4	5.2	13.3	57	4.6	3	7	6	11	3	0	0	0	0	0	0	0	0	4	7	11	8	0	0	5	25	0	1	4	6	2	2	8	4	3			
		21	1015.8	–	15.8	2.5	13.4	74	3.9	8	4	5	11	2	0	0	0	0	0	0	0	0	7	7	14	2	0	0	0	26	4	3	4	4	2	2	8	1	2			
London	24	3	1015.7	–	14.4	1.9	13.1	79	4.1	5	7	3	13	2	0	0	0	0	0	0	1	13	9	6	1	0	0	0	3	27	0	3	7	6	1	3	5	3	2			
Weather Centre (X)		9	1016.2	–	15.7	2.4	13.5	75	5.0	4	4	6	6	10	0	0	0	0	0	1	5	7	11	6	0	0	0	6	24	0	1	10	4	1	5	5	3	1				
		15	1015.0	–	20.1	5.4	12.7	55	4.5	1	10	3	10	6	0	0	0	0	0	0	0	5	7	13	5	0	0	0	12	18	0	2	3	6	2	2	6	6	3			
		21	1015.8	–	16.6	3.2	12.9	68	3.7	7	7	3	11	2	0	0	0	0	0	0	0	5	12	12	1	0	0	0	5	25	0	3	7	4	3	3	6	3	1			
Wiltshire																																										
Lyneham	149	3	1016.0	–	11.8	0.8	12.6	90	4.9	3	7	4	9	7	0	0	0	0	0	0	2	9	5	4	10	0	0	0	6	23	1	3	5	6	1	7	5	1	1			
		9	1016.5	+ 0.1	13.9	1.5	13.3	83	5.4	0	7	4	10	9	0	0	0	0	0	0	0	7	6	6	10	1	0	0	9	20	1	2	8	4	1	2	6	3	3			
		15	1015.2	–	18.7	4.7	12.5	59	4.6	3	2	12	10	3	0	0	0	0	0	0	0	1	8	6	7	8	0	1	13	16	0	1	6	6	1	3	3	9	1			
		21	1016.1	–	13.8	1.7	12.9	81	4.4	5	3	7	10	5	0	0	0	0	0	0	0	5	5	11	6	3	0	0	7	23	0	2	5	2	1	7	6	4	3			
Berkshire																																										
Easthampstead	75	9	1016.6	–	14.6	1.6	13.8	83	5.0	3	5	5	10	7	0	0	0	0	0	0	0	4	9	4	12	1	0	0	0	29	1	6	5	3	0	3	4	4	4			
		15	1015.2	–	19.3	4.7	13.1	59	4.1	4	9	4	10	3	0	0	0	0	0	0	0	1	2	6	12	9	0	0	0	29	1	2	2	4	3	4	4	5	5			
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kent																																										
Langdon Bay	121	3	1015.9	–	13.9	0.9	14.4	90	4.4	9	4	2	1	13	1	0	0	0	2	1	1	8	2	16	0	0	3	11	14	2	6	3	3	2	3	6	5	0				
		9	1016.4	–	15.9	1.9	14.7	81	5.3	3	3	9	3	11	1	1	0	0	1	1	2	7	2	16	0	0	3	16	10	1	7	4	2	2	3	6	3	2				
		15	1015.6	–	17.1	2.5	14.9	76	4.9	4	3	8	8	7	0	0	0	0	0	1	3	8	6	12	0	0	4	15	9	2	3	7	4	1	1	8	2	2				
		21	1016.2	–	14.2	1.1	14.4	87	3.6	10	3	6	5	5	1	0	0	0	1	0	1	4	7	17	0	0	1	17	9	3	4	5	3	2	0	4	8	1				
Manston	45	3	1015.9	–	13.5	1.1	13.7	87	4.6	5	5	3	10	7	0	0	0	0	0	2	3	5	13	7	0	0	0	5	25	0	5	2	3	7	2	8	2	1				
		9	1016.5	–	16.4	2.4	14.2	76	4.8	2	6	5	15	2	0	0	0	0	0	1	3	7	10	7	2	0	0	7	23	0	5	3	2	5	4	4	4	3				
		15	1015.7	–	18.5	3.9	13.7	64	4.2	3	8	5	11	3	0	0	0	0	0	0	2	5	11	9	3	0	1	12	17	0	5	7	4	1	1	6	4	2				
		21	1016.3	–	14.2	1.5	13.7	83	4.1	5	7	4	10	4	0	0	0	0	0	1	4	4	13	8	0	0	0	6	24	0	2	5	5	3	5	7	2	1				
Ulcombe	47	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hampshire																																										
Solent	9	3	1016.0	–	14.2	1.3	14.0	85	4.0	11	2	5	2	10	0	0	0	0	1	0	1	5	12	11	0	0	3	5	19	3	5	5	4	0	2	4	5	2				
M R S C		9	1016.5	–	16.3	2.1	14.7	78	4.6	7	2	6	8	7	0	0	0	0	0	0	0	11	9	10	0	0	2	8	15	5	4	5	3	3	0	5	3	2				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1016.4	–	16.2	2.3	14.2	77	4.4	7	2	9	4	8	0	0	0	0	0	0	1	2	18	9	0	0	1	9	18	2	1	4	5	1	2	5	6	4				
Southampton	9	3	1016.0	–	13.7	1.2	13.7	86	3.4	11	5	4	4	6	0	0	0	0	1	0	4	8	12	5	0	0	0	0	30	0	4	8	2	1	1	3	9	2				
Weather Centre (X)		9	1016.5	–	16.1	2.1	14.5	78	4.3	2	9	4	10	5	0	0	0	0	0	0	7	6	5	12	0	0	0	1	29	0	1	10	6	1	0	2	7	3				
		15	1015.6	–	19.9	4.5	14.2	61	4.2	3	9	2	14	2	0	0	0	0	0	0	1	5	5	17	2	0	0	1	29	0	0	5	1	4	5	1	10	4				
		21	1016.3	–	15.9	2.3	13.9	77	4.0	8	3	6	6	7	0	0	0	0	0	1	0	2	14	13	0	0	0	0	29	1	0	7	3	1	3	3	8	4				
Isle of Wight																																										
St Catherine's	16	3	–	–	15.4	1.8	14.3	81	3.5	10	4	7	6	3	0	0	0	0	0	0	0	1	2	7	12	8	0	2	17	11	0	9	1	7	1	2	0	10	0				
Point		9	–	–	16.9	2.4	14.7	76	4.3	4	6	7	8	5	0	0	0	0	0	0	0	0	5	6	14	5	0	3	15	10	2	4	6	5	2	0	1	8	2				
		15	–	–	18.3	3.0	15.1	72	4.2	5	5	7	8	5	0	0	0	0	0	0	2	5	4	14	5	0	1	15	13	1	1	1	9	2	1	2	13	0				
		21	–	–	16.0	2.2	14.2	77	4.3	6	5	5	8	6	0	0	0	0	0	0	0	3	4	17	6	0	2	13	11	4	2	1	7	1	0	0	13	2				
Wellow	25	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1016.3	–	14.0	1.2	14.0	86	4.4	8	4	3	6	9	0	0	0	0	0	0	1	4	7	3	14	1	0	0	5	23	2	1	4	3	4	1	3	11	1				
West Sussex																																										
Gatwick	64	3	1016.2	–	11.6	0.8	12.6	91	4.7	5	5	3	12	5	0	0	0	1	2	1	6	7	11	2	0	0	0	1	18	11	3	5	2	0	1	6	1	1				
		9	1016.6	-0.1	15.2	1.8	14.2	81	4.9	2	6	5	14	3	0	0	0	0	0	3	4	10	4	9	0	0	0	1	24	5	4	4	4	2	2	5	2	2				
		15	1015.4	–	19.5	4.6	13.5	61	4.4	3	8	3	12	4	0	0	0	0	0	0	0	7	11	8	4	0	0	3	27	0	0	5	5	1	6	5	6	2				
		21	1016.4	–	13.7	1.3	13.6	86	4.2	7	5	3	12	3	0	0	0	0	0	0	5	9	10	6	0	0	0	1	20	9	2	2	4	0	6	5	1	1				
East Sussex																																										
Herstmonceux	25	3	1016.2	–	12.6	0.9	13.3	90	4.1	6	5	8	4	7	0	0	0	0	2	2	4	6	8	6	2	0	0	3	22	5	3	7	3	0	1	3	3	5				
		9	1016.7	–	16.1	2.0	14.6	80	4.9	2	6	7	9	6	0	0	0	0	0	0	6	7	6	7	4	0	0	5	25	0	4	7	4	2	2	5	3	3				
		15	1015.8	–	18.8	3.6	14.5	67	4.6	2	9	5	8	6	0	0	0	0	0	0	1	7	6	13	3	0	0	10	20	0	0	5	3	4	4	6	4	4				
		21	1016.3	–	13.8	1.2	13.8	86	4.5	3	8	4	9	6	0	0	0	0	0	0	2	3	13	12	0	0	0	4	21	5	2	10	1	1	1	2	6	2				
7A ENGLAND NW & I.o.M.																																										
Cumbria																																										
Aspatria	64	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1014.8	–	12.4	1.1	12.6	86	4.5	4	7	3	12	4	0	0	0	0	0	0	0	5	7	14	4	0	1	7	15	7	2	2	4	2	1	4	8	0				
Eskmeals	9	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
7A ENGLAND NW & I.o.M. - Continued																																											
Lancashire																																										
Aughton	56	3	1015.6	–	11.8	1.2	11.9	85	4.2	8	4	3	8	7	0	0	0	0	0	0	1	5	5	13	6	0	0	4	23	3	2	3	6	7	3	0	6	0
		9	1015.9	–	13.6	1.9	12.4	79	4.3	5	6	5	9	4	1	0	0	0	1	0	0	0	10	5	11	3	0	0	6	22	2	1	1	6	10	3	1	6	0
		15	1014.9	–	17.9	4.1	12.8	62	4.6	3	5	7	13	2	0	0	0	0	0	0	0	0	4	8	5	13	0	0	11	19	0	2	3	4	1	4	5	9	2
		21	1015.3	–	14.1	1.9	12.9	79	4.1	5	7	5	10	3	0	0	0	0	0	0	0	4	6	10	10	0	0	5	24	1	4	6	4	3	4	3	4	1
Squires Gate	11	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Merseyside																																										
Crosby	9	3	1015.1	–	12.2	1.4	12.0	84	4.4	10	2	3	4	11	0	0	0	0	0	0	1	2	7	20	0	1	3	7	15	4	0	5	5	2	7	1	6	0
		9	1015.6	–	14.2	2.3	12.2	75	4.3	8	2	6	6	8	0	0	0	0	0	1	4	6	5	13	1	0	2	10	14	4	1	2	5	5	7	1	5	0
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1014.9	–	14.3	2.0	12.9	78	4.5	8	1	7	5	9	0	0	0	0	0	0	1	3	4	19	3	0	3	7	17	3	3	6	2	1	7	2	5	1
Greater Manchester																																										
Ringway	84	3	1015.8	–	11.4	1.3	11.5	85	4.2	7	3	6	10	4	0	0	0	0	1	1	2	7	12	7	0	0	0	2	27	1	4	5	3	1	7	7	1	1
		9	1016.2	+1.2	13.7	2.3	11.8	75	4.1	4	8	4	9	5	0	0	0	0	1	0	1	7	12	9	0	0	0	9	21	0	1	5	6	2	8	4	4	0
		15	1015.0	–	18.4	5.0	11.6	56	4.5	3	5	8	9	5	0	0	0	0	0	0	0	6	8	7	9	0	0	9	21	0	3	3	3	1	7	2	7	4
		21	1015.6	–	13.7	2.3	11.9	75	4.5	5	3	6	11	5	0	0	0	0	0	0	0	8	10	11	1	0	0	4	25	1	1	7	3	4	6	4	2	2
Isle of Man																																										
Calf of Man	93	3	–	–	–	–	–	–	4.6	3	6	9	5	7	0	0	0	0	0	0	0	0	3	24	3	0	4	11	11	4	7	1	3	2	4	1	8	0
		9	–	–	–	–	–	–	4.8	4	3	7	11	4	1	0	0	1	0	0	0	0	0	8	14	7	0	2	12	13	3	8	0	2	2	6	3	4	2
		15	–	–	–	–	–	–	4.3	4	5	10	5	5	1	0	0	0	1	0	0	0	5	15	9	0	3	12	14	1	7	0	6	0	7	5	4	0
		21	–	–	–	–	–	–	4.8	4	5	5	7	9	0	0	0	0	0	0	0	0	4	17	9	0	1	11	16	2	9	3	1	1	6	4	4	0
Point of Ayre	11	3	1014.6	–	12.5	1.2	12.6	86	3.6	9	5	6	1	9	0	0	0	0	0	0	0	0	5	15	10	0	4	10	12	4	1	5	1	4	2	6	7	0
		9	1015.0	+1.4	14.4	1.8	13.3	80	4.1	3	7	8	9	3	0	0	0	0	0	0	1	5	17	7	0	3	12	12	3	3	4	3	1	3	6	6	1
		15	1014.4	–	16.7	3.1	13.3	69	4.2	5	7	3	11	4	0	0	0	0	0	0	0	2	4	14	10	0	5	7	17	1	1	3	3	3	1	10	6	2
		21	1014.4	–	13.4	1.6	12.7	82	4.1	7	4	5	9	5	0	0	0	0	0	0	0	1	5	12	12	0	4	10	12	4	1	2	1	2	6	3	8	3
Ronaldsway	21	3	1014.8	–	12.0	1.2	12.1	85	4.1	7	6	3	6	8	0	0	0	0	0	0	0	11	5	9	5	0	1	14	15	0	11	1	4	0	4	2	7	1
		9	1015.2	+1.3	14.5	2.1	12.8	77	4.5	2	10	2	13	3	0	0	0	0	0	1	1	6	6	9	7	0	4	11	15	0	2	1	7	3	7	4	6	0
		15	1014.6	–	16.2	3.2	12.6	69	4.3	3	9	3	12	3	0	0	0	0	0	0	1	6	7	7	9	0	2	14	14	0	1	3	7	0	6	9	2	2
		21	1014.6	–	13.4	1.8	12.3	79	4.2	5	7	2	14	2	0	0	0	0	0	0	1	5	10	9	5	0	2	12	15	1	11	2	2	1	4	3	6	0
7B WALES N																																										
Gwynedd																																										
Nantmor	52	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Valley	11	3	1015.1	–	12.9	1.2	12.9	86	3.2	12	5	2	7	4	0	0	1	0	2	0	3	8	0	10	6	0	1	9	18	2	6	5	3	0	6	1	6	1
		9	1015.5	+1.0	15.4	2.1	13.7	78	4.8	4	5	5	12	4	0	0	0	0	1	0	3	12	2	4	8	0	0	11	17	2	3	7	2	0	4	6	6	0
		15	1015.1	–	17.9	3.8	13.3	65	4.2	3	10	3	10	4	0	0	0	0	0	0	1	9	3	8	9	0	4	11	15	0	3	6	0	0	7	9	2	3
		21	1015.3	–	13.8	1.6	13.0	82	4.2	5	6	6	8	5	0	0	0	0	0	1	0	10	2	8	9	0	3	7	18	2	4	8	1	1	5	5	3	1
Clwyd																																										
Moel-y-Crio	263	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8A WALES S																																										
Dyfed																																										
Aberporth	134	3	1015.0	–	13.3	1.2	13.3	86	4.6	6	4	4	8	8	0	0	0	0	1	0	2	9	7	9	2	0	5	6	18	1	3	2	2	5	10	1	4	2
		9	1015.4	+0.1	14.9	1.8	13.9	80	4.3	5	4	9	7	5	0	0	0	0	0	0	3	6	10	6	5	0	3	10	17	0	0	2	5	2	9	3	3	6
		15	1015.0	–	16.9	2.6	14.4	74	4.7	4	4	7	12	3	0	0	0	0	0	0	0	8	9	6	7	0	3	10	17	0	4	4	3	0	4	3	6	6
		21	1015.3	–	14.0	1.2	14.0	86	4.4	4	7	5	6	7	1	0	0	0	1	0	0	0	12	6	8	3	0	3	12	13	2	3	2	4	2	7	3	5	2
Brawdy	116	3	1015.3	–	12.3	0.8	13.1	91	4.5	5	6	4	7	8	0	0	0	0	1	1	2	10	5	6	5	0	3	6	20	1	4	2	8	4	4	0	5	2
		9	1015.6	–	14.6	1.4	14.1	84	4.6	4	5	6	10	5	0	0	0	1	0	0	1	3	7	8	6	4	0	2	14	14	0	1	3	6	5	4	1	6	4
		15	1015.3	–	16.8	2.6	14.3	74	4.5	4	6	6	7	7	0	0	0	0	0	0	1	12	5	4	8	0	2	16	12	0	5	4	0	2	4	7	6	2
		21	1015.6	–	13.2	0.9	13.8	90	4.9	5	4	3	12	6	0	0	0	0	0	1	3	13	2	6	5	0	1	11	18	0	5	6	2	3	4	2	5	3
Milford Haven	39	3	1015.2	–	13.9	1.0	14.2	88	4.0	10	2	4	6	8	0	0	0	0	0	0	0	13	9	8	0	0	2	7	20	1	3	6	4	2	4	2	4	4
		9	1015.7	+0.2	15.2	1.3	15.0	86	4.5	5	2	12	5	6	0	0	0	0	0	0	4	10	5	11	0	0	1	12	13	4	1	2	10	1	2	4	3	3
		15	1015.4	–	17.5	2.6	15.2	75	4.5	5	4	6	8	7	0	0	0	0	0	0	3	12	4	11	0	0	1	12	14	3	2	1	6	0	4	10	4	0
		21	1015.6	–	15.1	1.1	15.2	88	4.4	8	2	6	5	9	0	0	0	0	0	0	2	10	10	8	0	0	1	11	15	3	7	2	1	2	3	4	6	2
West Glamorgan																																										
Mumbles Head	32	3	1015.5	–	14.6	1.1	14.9	88	4.2	8	5	3	4	10	0	0	0	0	0	0	0	1	3	14	12	0	0	3	6	20	1	4	8	6	1	1	4	2	3
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	1015.5	–	17.8	2.7	15.2	73	5.1	5	2	4	12	7	0	0	0	0	0	0	1	3	8	6	12	0	0	2	15	13	0	1	2	3	1	5	10	7	1
		21	1015.6	–	15.8	1.5	15.2	84	4.5	5	6	6	2	11	0	0	0	0	0	0	0	0	8	8	14	0	0	1	12	14	3	3	3	1	2	4	6	4	4
Mid Glamorgan																																										
Cwmbargoed	372	9	–	–	12.9	1.1	13.1	87	5.4	3	2	8	9	7	1	1	0	0	2	2	3	10	2	10	0	0	1	6	15	8	0	8	3	3	0	3	2	3
South Glamorgan																																										
Rhoose	74	3	1015.6	–	12.7	1.0	13.2	89	4.3	7	5	3	7	8	0	0	0	0	0	0	1	4	8	7	9	1	0	1	6	23	0	3	9	7	2	0	4	3	2
		9	1016.1	-0.1	14.9	1.7	13.9	82	4.9	1	5	9	13	2	0	0	0	0	0	0	1	4	8	7	8	2	0	0	13	17	0	2	5	9	2	2	1	5	4
		15	1015.4	–	18.3	3.8	13.8	65	4.6	6	3	4	14	3	0	0	0	0	0	0	0	10	5	8	7	0	1	15	14	0	0	6	5	2	0	3	13	1
		21	1015.8	–	14.6	1.7	13.8	82	4.3	5	7	5	4	9	0	0	0	0	0	0	2	9	10	5	4	0	1	9	19	1	5	7	0	3	3	5	5	1
8B ENGLAND SW																																										
Avon																																										
Bristol	40	3	1016.0	–	13.7	1.7	12.9	81	5.0	4	4	5	9	8	0	0	0	0	0	0	0	4	10	11	5	0	0	0	2	19	9	2	9	0	2	1	3	4	0
Weather Centre (X)		9	1016.4	+0.0	15.2	2.5	12.9	74	4.8	0	10	6	9	5	0	0	0	0	0	0	0	3	7	11	9	0	0	0	3	20	7	0	8	4	1	1	4	3	2
		15	1015.3	–	19.5	5.0	12.7	56	4.5	2	7	7	11	3	0	0	0	0	0	0	0	7	10	7	6	0	0	7	23	0	3	5	4	2	3	1	11	1
		21	1016.0	–	16.0	2.5	13.7	75	4.8	5	4	4	9	8	0	0	0	0	0	0	3	5	12	10	0	0	0	1	18	11	2	3	2	0	3	7	1	1

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
8B ENGLAND SW - Continued																																											
Somerset																																											
Tivington	83	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1016.5	–	15.1	1.7	14.1	81	5.0	1	6	8	8	7	0	0	0	0	0	0	0	6	9	5	8	2	0	0	6	23	1	2	1	9	4	3	4	3	3				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1016.3	–	13.5	1.3	13.4	86	4.0	3	10	4	9	4	0	0	0	0	0	0	1	1	6	7	12	3	0	0	6	22	2	2	1	3	2	4	10	6	0				
Yeovilton	23	3	1015.6	–	11.9	0.9	12.7	89	3.8	8	3	8	5	6	0	0	0	0	0	1	3	8	13	5	0	0	0	0	1	17	12	1	3	2	2	0	6	3	1				
		9	1015.9	–	15.0	1.9	13.8	80	4.8	1	3	15	7	4	0	0	0	0	1	0	0	8	10	5	6	0	0	0	0	4	21	5	3	6	2	1	3	4	4	2			
		15	1015.1	–	19.4	4.9	12.8	57	5.0	4	3	7	12	4	0	0	0	0	0	0	0	2	6	9	12	1	0	0	0	7	23	0	2	8	1	3	3	5	3	5			
		21	1015.8	–	14.2	1.7	13.4	81	4.4	5	5	6	8	6	0	0	0	0	0	0	1	3	7	10	9	0	0	0	0	1	20	9	1	4	1	4	4	4	3	0			
Dorset																																											
Hurn	11	3	1016.1	–	10.9	0.7	12.4	92	3.9	10	2	5	5	8	0	0	0	0	0	3	3	5	3	12	4	0	0	0	0	3	24	3	6	3	1	1	3	5	3	5			
		9	1016.4	-0.7	15.6	1.7	14.6	82	4.3	4	7	5	8	6	0	0	0	0	0	0	3	10	8	9	0	0	0	0	5	25	0	7	5	2	1	2	6	2	5			
		15	1015.7	–	19.4	4.4	13.7	61	4.4	4	4	8	11	3	0	0	0	0	0	0	2	6	5	10	7	0	0	0	9	21	0	2	2	3	4	5	3	8	3			
		21	1016.3	–	13.4	1.3	13.3	85	4.2	7	5	3	7	8	0	0	0	0	0	1	1	6	11	11	0	0	0	0	3	24	3	4	6	2	0	2	7	2	4			
Portland	54	9	1016.0	–	16.2	1.9	15.0	81	4.8	4	2	11	6	7	0	0	0	0	0	2	4	7	8	9	0	1	1	17	10	1	3	8	4	2	1	5	3	3				
Bill C.G.		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Devon																																											
Lundy	43	3	–	–	15.0	1.4	14.6	85	3.8	7	6	6	4	7	0	0	0	0	0	0	0	0	10	7	11	2	1	5	9	13	2	8	3	4	2	3	2	5	1				
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	17.0	2.4	14.7	76	4.7	6	4	5	7	8	0	0	0	0	0	0	0	0	10	10	6	4	1	7	9	13	0	9	4	2	1	2	6	6	0				
		21	–	–	15.7	1.6	15.0	83	4.0	7	5	6	3	9	0	0	0	0	0	0	1	10	2	14	3	1	5	7	16	1	10	3	0	2	6	3	5	0				
Mount Batten	28	3	1015.7	–	13.4	0.9	14.0	90	4.1	8	4	3	10	5	0	0	0	0	0	1	1	3	9	8	7	1	0	0	7	15	8	1	1	9	1	2	2	4	2				
		9	1016.0	-0.6	15.7	1.6	14.9	83	4.7	3	7	3	13	4	0	0	0	0	0	1	5	7	7	6	4	0	0	0	8	14	8	1	1	9	2	1	1	6	1				
		15	1015.8	–	17.9	3.3	14.1	69	4.5	3	7	5	12	3	0	0	0	0	0	1	0	2	4	8	8	7	0	0	0	10	20	0	2	0	8	2	2	12	3	1			
		21	1016.2	–	14.9	1.5	14.4	84	4.5	7	4	3	7	9	0	0	0	0	0	1	0	2	9	4	13	1	0	1	7	16	6	3	2	7	0	5	3	3	1				
Cornwall																																											
Camborne	88	3	1015.4	–	13.9	1.0	14.3	89	3.6	10	4	5	5	6	0	0	1	0	1	2	3	4	12	3	4	0	3	9	16	2	2	3	4	4	7	5	0	3					
		9	1015.9	–	15.8	1.6	15.1	84	4.8	3	6	5	10	6	0	0	0	1	0	1	4	11	4	5	4	0	2	14	14	0	5	0	9	2	3	5	2	4					
		15	1015.8	–	17.3	2.6	14.9	74	5.2	2	3	8	13	4	0	0	0	0	0	0	1	12	5	6	6	0	2	17	11	0	10	0	4	4	2	4	5	1					
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Culdrose	84	3	1015.3	–	14.0	0.6	15.1	93	4.5	6	6	3	6	9	0	0	0	1	4	2	3	7	3	10	0	0	3	7	19	1	5	2	10	0	3	5	3	1					
		9	1015.7	–	15.5	0.9	16.0	90	5.2	2	3	11	8	6	0	0	0	1	3	1	2	10	4	8	1	0	2	11	15	2	1	2	10	0	4	3	3	5					
		15	1015.6	–	17.6	2.2	16.0	79	5.4	4	1	8	10	7	0	0	0	0	0	0	4	10	6	9	1	0	0	19	11	0	3	0	12	0	1	9	4	1					
		21	1016.0	–	14.8	0.8	15.5	91	4.8	3	6	5	8	8	0	0	0	0	0	3	5	5	6	11	0	0	0	12	17	1	2	3	9	1	2	6	4	2					
Gwennap Head	70	3	1015.2	–	15.1	1.2	15.0	87	4.4	8	3	5	2	11	1	1	0	0	0	2	4	7	3	7	6	0	5	13	11	1	3	7	5	1	3	4	4	2					
		9	1015.8	–	16.1	1.4	15.6	85	5.8	2	2	6	9	6	5	1	0	2	2	0	3	8	2	6	6	0	3	13	14	0	2	3	7	2	3	5	7	1					
		15	1015.7	–	17.3	2.2	15.5	78	5.3	4	2	5	12	7	0	0	0	0	1	1	1	11	3	9	4	0	4	14	10	2	1	2	6	2	7	6	2	2					
		21	1016.0	–	15.5	1.4	15.0	85	4.2	7	6	3	5	9	0	0	0	0	0	2	1	7	5	11	4	0	4	12	11	3	2	6	5	0	6	3	1	4					
St Mawgan	107	3	1015.3	–	13.9	1.0	14.2	89	4.4	8	3	4	8	6	1	0	1	1	0	2	3	10	7	6	0	0	1	11	16	2	2	1	9	3	4	3	2	4					
		9	1015.8	-0.6	16.0	1.7	15.0	82	4.7	4	6	4	10	5	1	0	1	0	0	3	3	11	1	7	4	0	0	12	18	0	3	1	8	4	3	3	3	5					
		15	1015.6	–	18.2	3.1	14.8	70	5.0	2	5	6	13	4	0	0	0	0	0	0	1	8	7	6	8	0	0	17	13	0	5	0	3	4	3	4	6	5					
		21	1016.0	–	14.7	1.3	14.6	86	4.4	2	10	3	10	5	0	0	0	0	0	0	4	10	5	9	2	0	1	11	17	1	2	4	9	2	5	3	2	2					
CHANNEL ISLANDS																																											
Channel Islands																																											
Guernsey	107	3	1015.6	–	14.7	0.9	15.1	90	4.5	8	2	4	10	6	0	0	2	0	0	1	3	5	7	9	3	0	0	11	19	0	3	4	5	3	1	5	8	1					
Airport		9	1016.1	–	16.2	1.5	15.6	84	5.1	0	6	9	9	6	0	0	1	0	2	3	5	3	4	7	5	0	0	15	14	1	4	4	4	2	2	5	5	3					
		15	1015.7	–	18.0	2.8	15.2	74	4.3	2	6	13	7	2	0	0	1	0	0	1	3	7	3	7	8	0	1	17	12	0	3	6	3	1	0	3	8	6					
		21	1016.2	–	15.1	1.4	14.7	85	4.1	7	4	6	7	6	0	0	0	1	1	0	2	4	1	9	6	6	0	0	13	17	0	2	2	8	2	2	5	5	4					
Jersey Airport	94	3	1015.8	–	14.9	1.1	15.0	88	3.9	10	3	3	8	6	0	0	0	1	0	1	1	5	2	7	9	4	0	0	14	15	1	2	7	4	2	1	5	4	4					
		9	1016.3	-1.0	16.8	1.9	15.5	81	4.9	1	5	9	11	4	0	0	0	0	0	2	4	6	5	10	3	0	0	13	16	1	2	5	6	3	0	6	3	4					
		15	1015.8	–	18.8	3.1	15.5	72	4.5	3	8	5	10	4	0	0	0	0	0	2	3	6	4	10	5	0	1	15	14	0	1	6	4	3	0	2	12	2					
		21	1016.3	–	15.4	1.4	14.9	85	4.2	8	3	6	6	7	0	0	1	0	0	3	4	2	6	7	7	0	1	14	14	1	2	6	6	1	2	2	6	4					
NORTHERN IRELAND																																											
Antrim																																											
Aldergrove	73	3	1014.6	–	10.3	0.9	11.4	89	3.8	6	8	5	5	6	0	0	1	0	0	1	1	8	5	6	8	0	0	6	20	4	2	5	2	2	7	5	2	1					
		9	1014.9	+1.5	12.7	1.4	12.5	84	5.2	1	5	8	9	6	1	0	1	0	0	0	3	10	4	6	6	0	0	8	21	1	6	5	2	1	9	5	1	0					
		15	1014.0	–	16.8	3.7	12.3	64	4.9	2	7	3	15	3	0	0	0	0	0	0	0	2	9	9	10	0	1	11	18	0	2	3	3	2	4	5	6	5					
		21	1014.4	–	12.5	1.6	12.0	82	4.8	3	6	5	8	7	1	0	0	1	0	0	0	7	1	9	12	0	0	8	22	0	3	2	6	3	5	3	5	3					
Londonderry																																											
Carmoney	73	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Down																																											
Long Kesh	39	3	1014.7	–	9.5	–	–	–	3.7	7	7	6	5	4	1	0	0	1	1	1	4	4	3	16	0	0	0	2	21	7	1	0	3	1	4	5	8	1					
		9	1015.0	–	13.1	1.6	12.6	82	5.0	2	7	2	11	8	0	0	1	0	0	0	4	8	2	10	5	0	0	0	4	26	0	2	1	7	1	4	3	10	2					
		15	1014.1	–	17.5	3.9	12.6	63	5.1	3	2	10	11	4	0	0	0	0	0	0	0	8	3	10	9	0	0	0	6	24	0	4	1	4	3	3	5	6	4					
		21	1014.5	–	12.2	1.3	12.1	85	3.5	7	7	6	6	4	0	0	0	0	0	0	1	9	3	17	0	0	0	0	3	22	5	1	1	6	2	3	6	4	2					
Tyrone																																											
Carrigans	113	9	1014.5	–	11.6	0.9	12.5	90	4.9	3	1	9	14	3	0	0	0	6	1	0	3	5	6	9	0	0	0	0	4	17	9	6	1	1	0	7	4	2	0					
		21	1014.1	–	12.4	1.2	12.7	87	5.1	2	5	5	9	9	0	0	0	0	0	0	0	8	22	0	0	0	0	0	8	18	4	10	0	3	2	4	1	6	0					
Fermanagh																																											
Corgary	144	9	1014.6	–	12.8	1.6	12.1	81	5.4	1	1	11	11	6	0	0	0	0	0	0	1	0	11	3	10	5	0	0	9	10	11	0	2	4	6	3	4	0	0					

Table 5 Number of days with max. and min. temperatures between given limits September 1991

Station	Maximum (deg C)							Minimum (deg C)							Station	Maximum (deg C)							Minimum (deg C)						
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0		0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	0	6	23	1	0	0	0	0	0	0	0	4	21	5	0	Lowestoft	0	0	0	3	14	12	1	0	0	0	0	0	0	11	13	6
Kirkwall	0	0	1	19	10	0	0	0	0	0	0	0	7	14	9	0	Shawbury	0	0	0	5	10	13	2	0	0	0	0	0	7	12	11	0
Stornoway	0	0	1	16	11	2	0	0	0	0	0	0	5	11	14	0	Elmdon	0	0	0	6	8	14	2	0	0	0	0	0	4	11	15	0
Braemar	0	0	3	14	7	4	2	0	0	0	0	3	8	14	5	0	Heathrow	0	0	0	2	9	15	4	0	0	0	0	0	0	9	20	1
Craibstone	0	0	0	12	16	2	0	0	0	0	0	0	8	11	11	0	Southampton	0	0	0	0	10	16	4	0	0	0	0	0	0	7	19	4
Dunstaffnage	0	0	0	11	14	5	0	0	0	0	0	0	4	11	15	0	Hastings	0	0	0	1	19	9	1	0	0	0	0	0	0	6	18	6
Abbotsinch	0	0	0	8	15	6	1	0	0	0	0	1	3	14	12	0	Douglas	0	0	0	8	17	5	0	0	0	0	0	0	1	12	17	0
Rothesay	0	0	0	9	15	6	0	0	0	0	0	0	3	10	17	0	Ringway	0	0	0	6	9	13	2	0	0	0	0	0	1	13	16	0
Eskdalemuir	0	0	1	12	12	5	0	0	0	0	0	1	11	15	3	0	Valley	0	0	0	5	15	9	1	0	0	0	0	0	1	8	20	1
Boulmer	0	0	0	9	17	4	0	0	0	0	0	0	2	18	9	1	Aberporth	0	0	0	6	15	9	0	0	0	0	0	0	0	12	16	2
Leeming	0	0	0	5	14	11	0	0	0	0	0	0	4	15	10	1	Rhoose	0	0	0	3	15	12	0	0	0	0	0	0	0	10	19	1
Hull	0	0	0	5	11	14	0	0	0	0	0	0	1	11	17	1	Falmouth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cranwell	0	0	0	6	8	15	1	0	0	0	0	0	2	14	14	0	Aldergrove	0	0	0	8	13	9	0	0	0	0	0	0	6	10	14	0
Cambridge N I A B	0	0	0	4	10	12	4	0	..	..	..	..	..	..	..	..	Armagh	0	0	0	7	11	12	0	0	0	0	0	0	4	15	10	1

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed kn	Day Hour beginning	Veer from N	Speed kn	Day Time
0 SCOTLAND N																			
Shetland	Fair Isle	71	10	10	21 24	5	10	71	378	214	52	0	12.8	250	38	24 12	240	65	24 1212
	Lerwick	93	10	10	24	4	12	76	327	269	44	0	12.7	220	37	24 11	210	56	24 1136
	Sella Ness	16	10		15 24	4	15	158	313	217	28	0	14.8	260	35	24 18	240	54	18 1800
	Sumburgh	35	10	10	24	3	9	73	345	268	31	0	12.7	230	34	24 11	220	55	24 1124
Orkney	Kirkwall Airport	41	15	10	24	4	7	48	317	286	65	0	11.4	240	39	24 11	250	60	24 1054
Western Isles	Benbecula	16	10	10	24	4	12	109	250	293	64	0	12.5	250	37	24 07	230	67	24 0300
	Butt Of Lewis	43	10	10	13 14 18-21 23 24	41	14	140	277	227	33	2	15.7	240	51	24 06	240	71	24 0648
	Stornoway	12	10	10	24	4	10	63	208	275	168	2	9.8	230	37	24 07	230	53	24 0700
Highland	Aviemore	250	10	10		0	1	3	200	250	267	0	7.4	190	24	21 05	200	46	24 0954
	Dalcross	20	10	10		0	4	25	172	357	164	2	8.0	230	30	24 11	250	46	17 0406
	Duirinish	38	20	17	Defective record														
	Invergordon Harbour	19	16	06		0	6	25	161	317	215	2	7.7	250	30	24 09	230	49	17 0500
	Shin	24	10	10		0	1	2	79	306	331	2	5.2	240	25	24 10	240	46	24 1006
	Wick	45	10	10	24	2	4	17	260	382	59	0	10.0	230	37	24 10	220	60	24 1024
1 SCOTLAND E																			
Grampian	Aberdeen, Dyce Airport	68	10	10		0	2	11	170	361	178	0	7.5	230	25	24 12	220	42	24 1236
	Cairngorm	1075	10	10	13 14 16-24	89	16	162	120	171	177	1	15.6	260	51	24 09	270	82	23 2300
	Kinloss	18	13	13		0	4	19	161	345	195	0	7.6	240	27	24 11	230	45	24 0954
	Lossiemouth	17	10	10		0	2	13	160	386	161	0	7.7	250	31	24 11	240	49	24 1018
	Peterhead Harbour	34	30	15	24	2	7	39	301	317	61	0	11.0	240	35	24 11	240	50	24 1118
Tayside	Mylnefield	40	10	10		0	1	1	114	333	272	0	6.1	250	22	24 14	260	40	23 2324
	Tummel Bridge	161	16	16		0	0	0	79	278	347	16	5.0	250	20	21 13	280	47	23 2230
	Perth Aerodrome	118	10	10		0	0	0	140	340	224	16	6.7	260	21	23 23	260	41	23 2330
	Rannoch	307	17	17		0	7	33	155	287	203	42	8.1	240	33	24 11	240	54	23 2230
Fife	Leuchars	25	13	13		0	7	25	198	310	187	0	8.5	250	29	23 23	270	56	23 2336
Lothian	Edinburgh Turnhouse Airport	43	13	10		0	2	4	198	301	217	0	7.8	260	23	23 23	280	54	23 2330
	Royal Observatory, Blackford Hill	159	10	10		0	9	51	272	242	151	4	10.3	190	32	21 10	190	55	21 1100
	Forth Road Bridge	72		72	23	2	13	100	265	236	116	1	12.0	210	35	23 22	250	64	23 2324
	Leith	15	09		23	1	11	105	262	249	102	1	12.1	230	35	23 23	250	59	23 2336
Borders	Charter Hall	112		10		0	4	14	178	359	169	0	8.0	230	27	23 23	280	50	24 0018
6 SCOTLAND W																			
Strathclyde	Abbotsinch Airport	16	10	10		0	5	20	184	292	224	0	7.9	210	30	23 22	240	49	24 0854
	Blairlinnans	145	13	12		0	5	29	210	331	150	0	8.8	210	26	24 00	250	47	24 0354
	Dunstaffnage	13	10	10		0	2	15	149	333	223	0	7.0	240	25	24 06	250	45	24 0336
	Greenock Port	51	49			0	8	32	268	290	127	3	10.1	230	30	23 22	250	57	23 2230
	Inchterf	55	15	12	Defective record														
	Lowther Hill	754	27																
	Machrihanish	10	10	10		0	7	58	263	239	160	0	10.3	250	31	24 11	240	46	24 1124
	Prestwick Airport	21	10	10		0	3	15	205	334	166	0	8.3	230	24	24 08	230	60	23 2254
	Salsburgh	275	15	11	23	1	12	99	330	240	42	8	13.1	220	35	23 22	230	58	23 2312
	Tiree	21	11	10		0	13	98	330	242	50	0	13.1	270	33	24 10	250	53	24 0500
Dumfries & Galloway	Chapelcross	64	15	15		0	5	15	172	367	166	0	7.9	260	26	24 00	280	52	24 0030
	Dumfries, Drungans	28	13	10		0	0	0	83	296	322	19	5.4	230	19	23 20	230	43	24 0006
	Eskdalemuir	259	10	10		0	0	0	151	305	264	0	6.5	220	21	23 22	240	48	24 0018
	West Freugh	24	10	10		0	5	15	199	281	224	1	7.9	180	26	21 12	260	39	16 1418
	Whithorn	40	15			0	9	64	315	255	86	0	11.4	190	31	21 13	250	48	24 0548

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn		Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day	Hour beginning	Veer from N	Speed-kn	Day	Time
2 ENGLAND E & N E																					
Northumberland	Blyth	19	10	10	Defective record																
	Boulmer	33	10	10	24	2	3	21	182	406	109	0	8.8	240	34	24	09	250	56	24	0918
Tyne & Wear	South Shields	22	17	13		0	0	0	51	57	553	59	2.7	260	20	24	11	260	39	24	1218
Durham	Burnhope	244	10	10		0	3	15	150	384	166	5	7.7	240	26	24	10	210	52	24	0106
Cleveland	Hartlepool	15	10	10		0	3	12	167	342	196	3	7.5	240	27	24	11	240	47	24	1154
North Yorkshire	Church Fenton	18	10	10		0	1	10	142	364	204	0	7.1	220	25	24	01	250	42	24	1306
	Fylingdales	242	10	10		0	7	42	221	388	64	5	10.4	230	29	24	01	250	46	24	1130
	Leeming	42	10	10		0	3	11	161	366	182	0	7.6	240	26	24	13	240	49	24	1430
	Linton-on-Ouse	24	10	10		0	1	4	174	380	162	0	7.5	250	23	24	13	250	42	24	1330
Humberside	Bridlington MRSC	31	16	18																	
	Spurn Point	17	10	10		0	5	28	398	256	16	22	12.4	030	26	29	13	070	36	29	0118
Lincolnshire	Coningsby	16	10	10		0	1	1	198	388	133	0	7.9	210	22	21	16	200	36	21	1642
	Cranwell	68	13	13		0	4	22	219	396	80	3	9.2	250	25	24	13	240	37	24	1312
	Scampton	68	10	10		0	2	3	242	396	79	0	9.0	230	25	24	01	230	39	24	0100
	Waddington	80	10	10		0	1	2	226	405	87	0	8.7	250	23	24	11	190	38	21	1512
3 EAST ANGLIA																					
Norfolk	Coltishall	27	10	10		0	0	0	187	314	219	0	7.0	240	21	24	08	280	33	24	0854
	Gorleston	16	13	13		0	2	7	263	375	75	0	9.1	110	26	28	18	220	35	24	0412
	Hemsby	26	13	13		0	2	3	215	352	150	0	8.1	210	22	24	03	210	36	24	0248
	Marham	29	10	10		0	1	2	182	336	200	0	7.3	220	22	24	05	210	39	24	0224
Cambridgeshire	Wittering	87	10	10		0	2	3	226	381	110	0	8.4	200	23	21	15	230	37	24	0130
	Wyton	45	10	10		0	1	1	223	366	130	0	8.1	220	22	24	05	200	36	24	0542
Suffolk	Honington	60	13	13		0	0	0	138	367	215	0	6.5	210	20	24	02	200	34	24	0230
	Wattisham	105	16	10		0	0	0	169	406	145	0	7.3	230	21	24	03	230	38	24	0324
Bedfordshire	Bedford	93	12	10		0	1	1	229	387	103	0	8.4	190	22	21	15	240	36	22	0154
Essex	Shoeburyness	12	10	10		0	0	0	135	442	143	0	7.1	100	19	28	15	230	37	24	0348
	Stansted	108	10	10		0	1	1	151	419	149	0	7.3	230	22	24	01	260	36	24	1048
	Walton On Naze	10	10	10		0	1	11	230	370	109	0	8.7	100	26	28	16	100	34	28	1618
4 MIDLAND COUNTIES																					
West Yorkshire	Leeds Weather Centre	43	10	10		0	4	12	144	458	106	0	7.6	260	26	24	12	280	45	17	1142
	Wilsden	272	10	10	Defective record																
South Yorkshire	Finningley	19	10	10		0	1	2	160	379	179	0	7.3	230	22	16	14	270	37	16	1648
	High Bradfield	405	10	10	16 23 24	7	10	73	183	364	93	0	11.0	250	40	24	02	290	59	16	1942
	Sheffield University	146	29	15		0	0	0	138	402	180	0	6.8	240	19	24	00	240	46	24	0042
Nottinghamshire	Nottingham Weather Centre	133	16	10		0	0	0	137	437	146	0	7.1	230	19	24	02	210	39	24	0042
Staffordshire	Cellarhead	241	13	8		0	0	0	92	412	214	2	6.0	270	18	16	14	240	33	23	2306
	Keele	162	10	10		0	1	1	152	349	218	0	6.7	270	22	24	01	290	37	16	1348
Shropshire	Shawbury	84	12	10		0	2	2	128	340	250	0	6.4	210	22	21	15	230	36	21	1454
West Midlands	Birmingham Elmdon Airport	108	10	10		0	0	0	114	411	195	0	6.4	250	17	16	15	250	34	16	1500
Hereford & Worcs	Preston Wynne	97	13	13		0	1	3	99	275	308	35	5.6	050	24	28	16	050	38	28	1530
Oxfordshire	Benson	67	10	10		0	0	0	107	360	253	0	6.0	070	19	28	14	070	29	28	1448
	Brize Norton	91	13	10		0	1	2	162	386	170	0	7.1	060	23	28	14	050	33	28	1448
	Oxford	113	50	22	Defective record																
5 ENGLAND S E & CENTRAL																					
Greater London	Heathrow Airport	34	10	10		0	0	0	46	293	381	0	4.2	230	15	24	02	220	30	24	0218
	London Weather Centre	93	70	38		0	0	0	160	487	73	0	7.9	210	21	21	13	230	35	24	0206
	Northolt	49	15	12		0	0	0	63	360	297	0	5.3	090	16	28	11	210	31	24	0500
Wiltshire	Boscombe Down	130	17	17		0	1	2	138	436	144	0	7.2	090	22	28	12	100	33	28	0948
	Larkhill	155	10	10		0	0	0	80	450	190	0	6.1	080	19	28	12	080	33	28	1130
	Lyneham	156	10	10		0	1	3	180	400	137	0	7.5	050	22	28	14	220	38	24	0654
Kent	East Malling	33	12	10		0	0	0	9	126	585	0	1.9	230	11	24	11	230	28	24	1100
	Gravesend	25	20			0	0	0	81	422	214	3	5.9	040	16	11	17	250	35	24	0318
	Langdon Bay	117	12	12		0	5	33	346	285	56	0	11.2	240	31	24	02	240	46	24	0218
	Lydd Ranges	1	10	10	Defective record																
	Manston	62	10	10		0	0	0	153	387	180	0	7.1	210	21	24	09	210	34	24	0948
	Sheerness	50	44	10		0	9	47	318	293	59	3	11.3	240	32	24	03	250	48	24	0336
Hampshire	Farnborough	75	10	10		0	0	0	24	335	333	28	4.2	240	16	24	01	240	32	24	0206
	Middle Wallop	94	10	10		0	0	0	123	393	204	0	6.7	080	21	28	13	110	32	28	0824
West Sussex	Gatwick Airport	69	13	13		0	0	0	38	353	329	0	4.6	230	15	24	02	230	28	24	0236
	Shoreham-by-Sea	21	11	15		0	6	45	199	322	139	15	9.1	080	30	28	13	080	44	28	1312
East Sussex	Herstmonceux	27	10	10		0	1	3	124	329	264	0	6.4	230	23	24	10	240	37	24	1112
7A ENGLAND N W & I O M																					
Cumbria	Carlisle	41	15	9		0	6	26	130	361	203	0	7.7	240	32	24	00	260	54	24	0048
	Eskmeals	24	16	10		0	4	9	219	294	198	0	7.7	210	26	24	00	240	47	24	0106
	Great Dun Fell	857	10	10	13 14 16-18 21-24 28-30	121	16	154	264	152	29	0	19.7	240	59	24	01	210	73	24	0042
	Sellafield	22	10	10		0	5	15	209	301	195	0	7.9	290	25	24	01	260	48	24	0100
Lancashire	Aughton	68	14	10		0	0	0	134	443	143	0	6.9	200	19	24	01	200	37	24	0112
	Fleetwood	34	15	9	Defective record																
	Squires Gate Airport	22	12	11																	
Merseyside	Aigburth	38	23	11		0	2	4	147	449	106	14	7.5	260	28	16	20	210	45	23	2148
Greater Manchester	Ringway Airport	80	10	10		0	1	1	162	395	162	0	7.3	210	22	24	01	210	35	21	1742
Isle Of Man	Point-of-Ayre	20	10	10		0	7	60	286	297	77	0	11.1	240	30	21	14	260	54	24	0012
	Ronaldsway	25	10	10		0	9	64	270	315	71	0	10.9	030	30	28	21	030	47	28	2142

Table 6 Summary of autographic records of wind

September 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time	
7B WALES N																				
Gwynedd	Trawsfynydd	192	10	10		0	0	0	99	288	333	0	5.4	230	20	23 23	230	39	23	2324
	Valley	26	16	12		0	9	59	223	270	168	0	9.9	210	32	24 00	040	45	28	1754
8A WALES SOUTH																				
Dyfed	Aberporth	144	10	10		0	11	79	246	306	89	0	11.3	030	32	29 00	120	50	28	0806
	Brawdy	121	10	10		0	3	35	261	386	38	0	10.3	020	32	29 00	020	49	29	0042
	Milford Haven	50	13	10		0	5	20	237	306	144	13	9.1	090	28	28 08	090	47	28	0824
Mid Glamorgan	Cilfynydd	210	16	16		0	0	0	103	303	314	0	5.5	220	21	24 03	220	35	24	0406
South Glamorgan	Rhoose Airport	74	10	10		0	4	17	264	375	60	4	9.7	080	30	28 10	080	45	28	1324
8B ENGLAND S W																				
Avon	Avonmouth	28	19	10		0	5	16	236	346	122	0	9.2	260	27	24 06	050	37	28	1348
	Bristol Weather Centre	55	44	13		0	0	0	64	412	244	0	5.2	090	17	28 12	090	35	28	1206
	Oldbury-on-Severn	19	9		Defective record															
Somerset	Hinkley Point	30	10	10	Defective record															
	Yeovilton	34	12	10		0	1	1	80	356	280	3	5.7	100	24	28 11	100	34	28	1124
Dorset	Hurn Airport	23	13	11		0	0	0	92	392	236	0	6.1	230	19	24 06	210	32	24	0636
	Portland Bill C G	60	13	13	28	6	8	68	397	223	26	0	13.2	120	42	28 08	130	53	28	0818
Devon	Burrington	211	10	10		0	4	8	291	348	72	1	9.7	100	24	28 08	240	43	23	2236
	Chivenor	16	10	10		0	2	7	214	386	113	0	8.3	100	25	28 06	090	40	28	0636
	Exeter	35	10	10																
Cornwall	Camborne	98	10	10		0	7	44	286	259	131	0	10.3	030	30	29 03	020	49	29	0900
	Culdrose	104	23	20	28	2	11	65	332	262	59	0	12.1	150	36	28 01	180	55	28	0224
	Gwennap Head	76	10		28	2	10	64	311	245	57	41	12.2	160	38	28 01	180	61	28	0200
	St Mawgan	120	13	13		0	3	14	271	317	118	0	9.2	130	27	28 01	110	41	28	0336
CHANNEL ISLANDS																				
	Guernsey Airport	116	12	12		0	1	1	320	356	43	0	10.4	140	23	28 06	190	43	28	0706
	Jersey Airport	94	12	10		0	2	4	339	340	37	0	10.3	130	24	28 06	130	44	28	0654
NORTHERN IRELAND																				
Londonderry	Ballykelly	12		10																
	Coleraine University	30	10	10		0	3	5	163	340	180	32	7.4	240	23	16 12	250	44	16	1248
Antrim	Aldergrove	80	10	10		0	2	4	206	307	203	0	7.8	260	23	23 22	250	43	16	1312
	Ballypatrick Forest	165	13	13		0	0	0	204	313	160	43	8.0	280	21	16 16	260	53	23	2206
	Belfast Harbour	21	18	18																
Down	Kilkeel	36	19	14	Defective record															
	Killough	31	15	15	Defective record															
	Long Kesh	47	10	10		0	0	0	119	370	231	0	6.2	240	18	23 22	280	46	16	1330
	Orlock Head	51	16	12		0	7	65	335	278	41	1	12.0	020	33	28 23	250	51	23	2306
Tyrone	Carrigans	129	10	10		0	2	3	211	339	152	15	8.0	260	23	23 21	280	43	23	2130
Fermanagh	Castle Archdale Forest	79	13	13		0	0	0	142	320	243	15	6.4	260	18	16 15	250	37	23	2130

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)									Bright sunshine		
	Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation											
	Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
1991 Feb Scalpay	–																											
Cassley											–																	
Kinbrace											–																	
Knockanrock											–																	
Tomatin											–																	
Waterstein											–											9						–
Fyvie Castle											–																	
Inchmarlo	–	–	–								–																	
Leith Hall											–																	
Montrose		–	–																									
Leuchars																	8											
Carterhouse											–																	
Abington	–	–	–								–																	
Glasgow, Springburn Park											–																	
Lowestoft																												S
Hadlow College																												–
Ulcombe																												–
Gawlish																												–
Plymouth, Mount Batten																												–
Slapton																												S
Guernsey, L'Ancresse	7.2	1.3	4.3		13.7	24	-7.0	7			38		9	12	15	9	4		0	1			8				2.45		
Moyola Waterworks		-1.6																										
Jordanstown, Rostulla		0.4																										
Lowtown		-0.6																										
Parkmore Forest	4.8																											
Downpatrick Killavees		0.0																										
Corgary																												–
1991 Jun Eilanreach											–																	
Kinbrace											–																	
Braemar																											–	
Cupar		–																										
Glasgow, Springburn Park											–						0											
Balquhidder											–																	
Dumfries											–																	
Brooksby Hall	15.8	7.0	11.4		21.9	30	-2.0	2	12.1		63		10	24	22	15	0	0	0	0	0	0	3	4		0	3.68		
Aldergrove										11.0																		
Greenmount	15.6																											
Parkmore Forest	13.8																											
Stormont Castle										12.4																		

Correction

July 1991, **Rainfall**
Third column, line 3: delete 'Craibstone, Grampian on the 22nd, and at' (the amount measured at Craibstone on the 22nd was 5.3 mm and not 53 mm as at first received).

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THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

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OCTOBER 1991

VOLUME 108 NUMBER 10

Cool, dull; wet in the north and west, but mainly dry in the east

A frontal trough clearing eastern areas early on the 1st was replaced by a temporary ridge of high pressure, but later on the 2nd a fresh system began to move rapidly across all areas, clearing south-east England later on the 3rd. A trough became slow moving during the 4th, trailing back from eastern Scotland to Northern Ireland. A disturbance formed on the front later, and crossed the United Kingdom during the 5th; pressure rose behind the front, remaining high in the south during the 6th, while a fresh succession of fronts moved across Scotland. Early on the 7th further fronts crossing England and Wales became slow moving over central England. Early on the 9th high pressure extended south-eastwards and the remains of the front dissolved; however, further fronts continued to affect southern areas of England and Wales during the rest of the day. During the next five days low pressure over Biscay extended northwards across southern England and Wales, and on the 14th a series of fronts crossed northern areas. After a temporary rise in pressure over all areas on the 15th, fronts associated with a rapidly deepening depression passing to the north of Scotland crossed all areas, clearing eastern districts early on the 17th; however, Scotland was affected for a time by a front moving around the centre. An Atlantic anticyclone became the dominant feature by the 19th, and remained so over the next few days, apart from a little frontal activity to the far north. Fronts affected the east coast on the 23rd and 24th, while the anticyclone drifted eastwards and was centred over the Continent by the 25th. On the 27th a depression moved northwards over the Channel, before filling, while further fronts moved steadily eastwards on the 28th and 29th, clearing eastern areas during the 31st.

Weather

Apart from a settled period from the 20th to 29th, the weather was generally rather unsettled. The most significant rainfall of the month at some places in south-east England was during the last two days: on the 31st, Winterbourne (Birmingham University), West Midlands reported serious local flooding on roads in Birmingham City Centre and Bidston, Merseyside reported torrential rain with flooding. Thundery activity was reported over Manchester on the 1st, Orkney and Shetland on the 3rd and 4th, and east Devon on the 8th, 9th and 11th and in the south-west on the 18th. Hail was reported on the 3rd at Cape Wrath, Highland Region and was widespread between the 16th and 19th.

Wind

Gales occurred in northern areas on the 1st, when many places in south-east Scotland and north-east England had gusts exceeding 60 kn. Some exposed places in the north and west had gusts of more than 60 kn on the 16th and 17th, including a gust of 75 kn at Butt of Lewis, Western Isles, on the 16th and 71 kn at Orlock Head, Co. Down on the 17th. Further gusts over 70 kn were measured at Kilkeel and Killough, both in Co. Down, on the 30th and 31st respectively. Wind directions were westerly or southerly until the 7th, easterly until the 12th, westerly from the 16th to 20th, and mainly variable until the strong southerlies on the 30th and 31st.

Temperature

Mean monthly temperatures were below normal nearly everywhere and ranged from 0.4 °C above normal at Penkridge, Staffordshire to near normal in parts of the far north to 1.6 °C below normal at Castle Archdale, Co. Fermanagh.

The month began with temperatures around 18 °C in places in the south-east, but some 8 °C colder in the north-west. Maximum temperatures were around 20 °C in many areas on the 10th, but returned slowly to near normal values. By the 20th nights were cold, with widespread ground frost and some air frost. On the morning of the 21st Bedford recorded its lowest October temperature since its records began in 1957. The highest temperature during the month was 24.2 °C at Sellafield, Cumbria on the 11th and the lowest was −3.5 °C at Brooksby Hall, Leicestershire on the 21st.

Rainfall

Monthly rainfall amounts were above normal in the west and in the north-east, but below normal in central Scotland and in central and eastern England, ranging from 166% at Braemar, Grampian Region to as little as 30% at Greenwich, Greater London.

Over England and Wales rainfall was frequent in western areas, while some places in the east, especially away from the coast, had very little rain; several places in East Anglia, for instance, measured less than 20 mm during the month. One or two places in eastern areas, including Gatwick, West Sussex and Ulcombe, Kent had a small amount on the 16th and then remained dry until the 28th. Among heavy falls were 75 mm at Cassley, Highland Region on the 16th and 67 mm at Tredegar, Bryn Bach Park, Gwent on the 7th.

Snow

Sleet fell at Wick, Highland Region on the 3rd and over Orkney on the 16th. Snow fell over higher ground over northern England and southern Scotland on the 16th. On the 18th Fair Isle, Shetland reported sleet, while Aviemore, Highland Region reported snow and sleet, with a trace of snow lying. Further falls of sleet were reported in north-east Scotland on the 19th and 20th.

Sunshine

Monthly sunshine amounts were below average nearly everywhere, except for eastern Kent and parts of the Midlands where sunshine was just above average, and ranged from 106% at Keele, Staffordshire and Nottingham to less than 50% at Kinlochewe, Highland Region.

October was a dull month in nearly all areas, notably so near northern and eastern coasts. The most sunshine in a day was 10.6 hours at Everton, Hampshire on the 2nd, and the most in the month was 132 hours at Folkestone, Kent.

Fog

Patchy fog formed frequently overnight between the 9th and 16th and 21st and 29th, and was widespread over England and Wales on the 13th and 14th, although some western parts remained clear. Fog was dense in south-east England and East Anglia on the 9th, in some central and eastern parts of England on the 11th, over Scotland and inland areas of England on the 22nd, and over Scotland on the 23rd and 24th. Hill fog occurred over the Grampians and the Lincolnshire Wolds on the 8th, in central areas on the 12th, eastern areas on the 13th, on the Pennines on the 20th, in western areas on the 26th and the south-east on the 28th. Coastal fog occurred in north-east England and southern Scotland on the 9th and in eastern areas on the 12th and 13th.

Miscellaneous Phenomena

Places as far apart as Essex and Merseyside reported coloured dust deposits after rain on the 11th. Several places reported a deposit of brownish-yellow dust after overnight rain on the 12th/13th. On the 18th Guernsey Airport received an aircraft report of a waterspout at 1658 GMT, in the direction 020°, 12 miles from Alderney; the cloud base was 2000 ft (600 m) and the weather showery, the showers heavy at times.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp°C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max.	Min.	Mean				
			Difference from average					% of average	
0 Scotland N	18.0	−2.1	−0.6	−0.3	−0.5	−0.4	−1	107	70
1 Scotland E	17.1	−2.8	−1.0	+0.2	−0.4	+0.1	+1	123	81
2 England E & NE	19.5	−2.9	−0.8	+0.4	−0.2	+0.2	+1	90	83
3 East Anglia	21.4	−1.6	−0.7	−0.1	−0.4	+0.3	−2	46	85
4 Midland Counties	20.9	−2.3	−0.8	+0.4	−0.2	+0.3	0	82	82
5 England SE & Central S	21.3	−0.2	−0.8	−0.2	−0.5	+0.1	−1	69	86
6 Scotland W	20.3	−2.4	−0.7	−0.3	−0.5	+0.1	−2	114	82
7 England NW & Wales N	21.0	−1.4	−0.7	+0.1	−0.3	+0.7	0	110	86
8 England SW & Wales S	19.6	−1.1	−0.9	−0.1	−0.6	+0.1	+3	122	92
N Ireland	16.5	0.2	−1.0	−0.4	−0.7	0.0	+2	106	90
Scotland	20.3	−2.8	−0.8	−0.1	−0.5	−0.1	−1	115	78
England & Wales	21.4	−2.9	−0.8	+0.1	−0.4	+0.3	0	96	86

* Highest maximum and lowest minimum of District Value Stations

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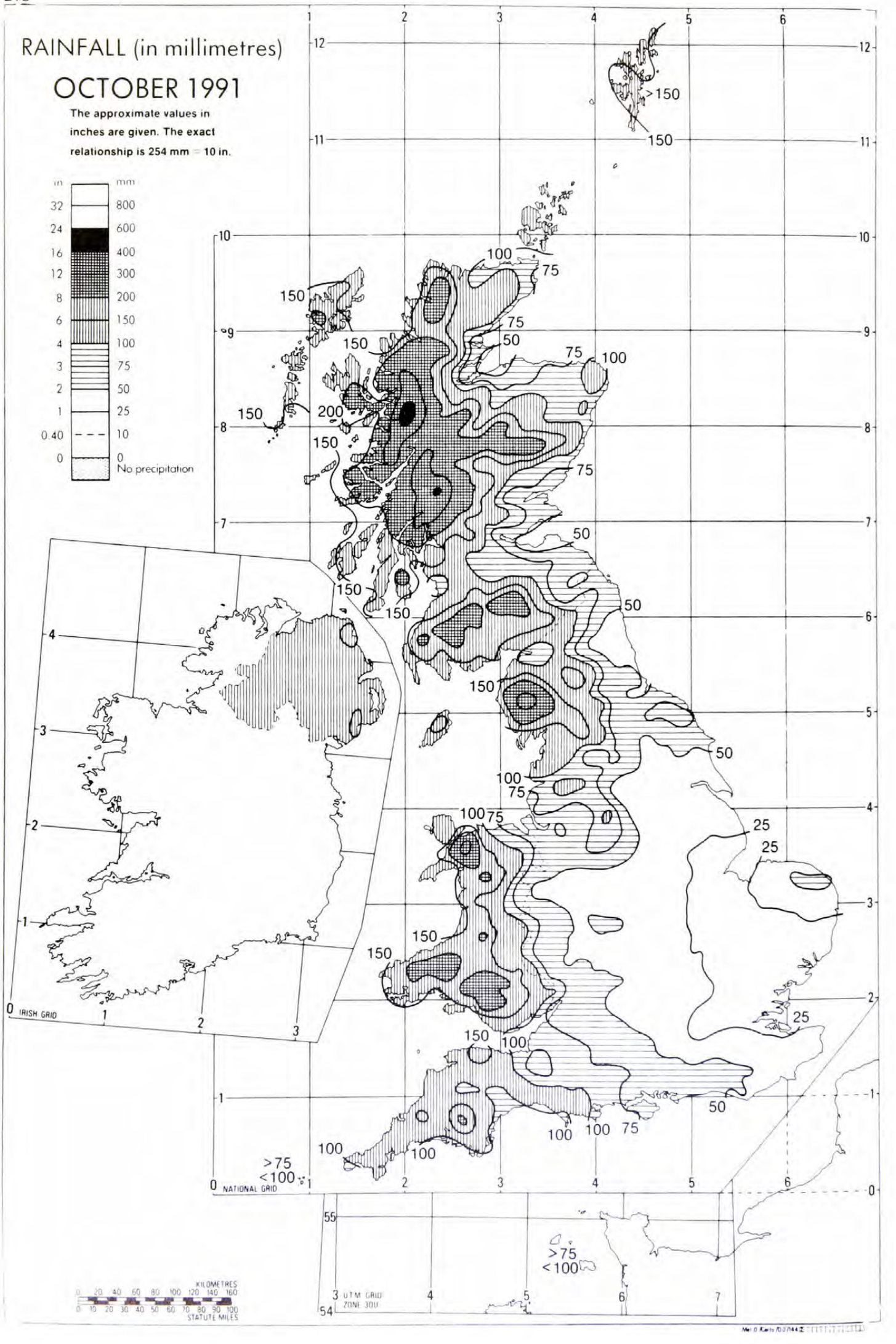
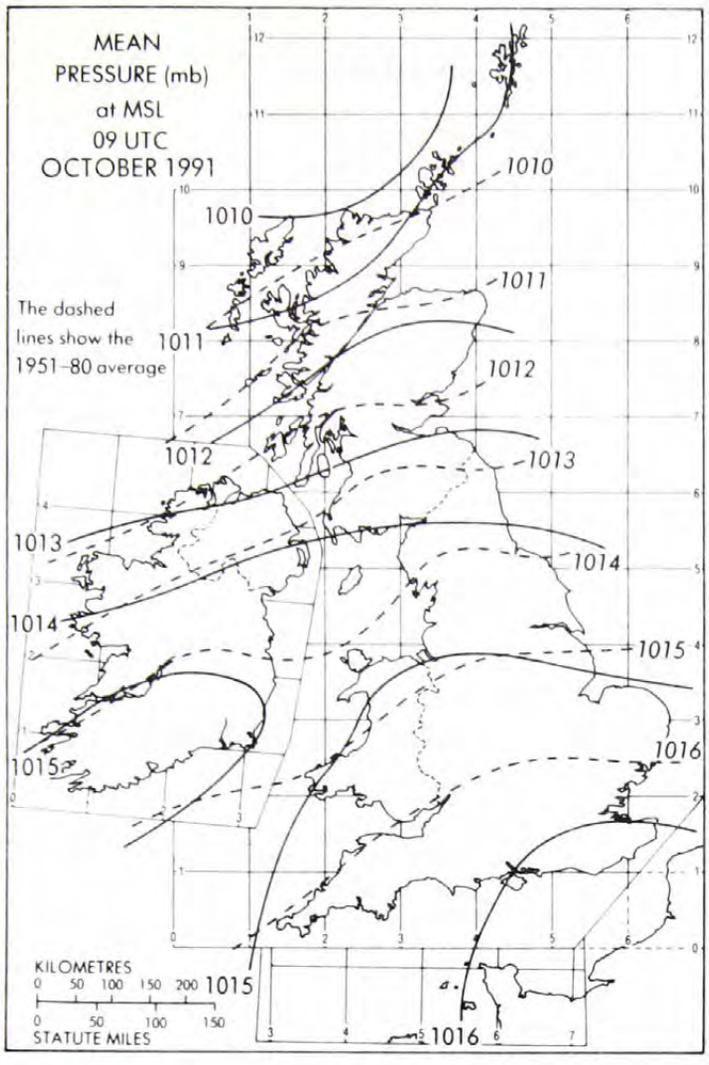
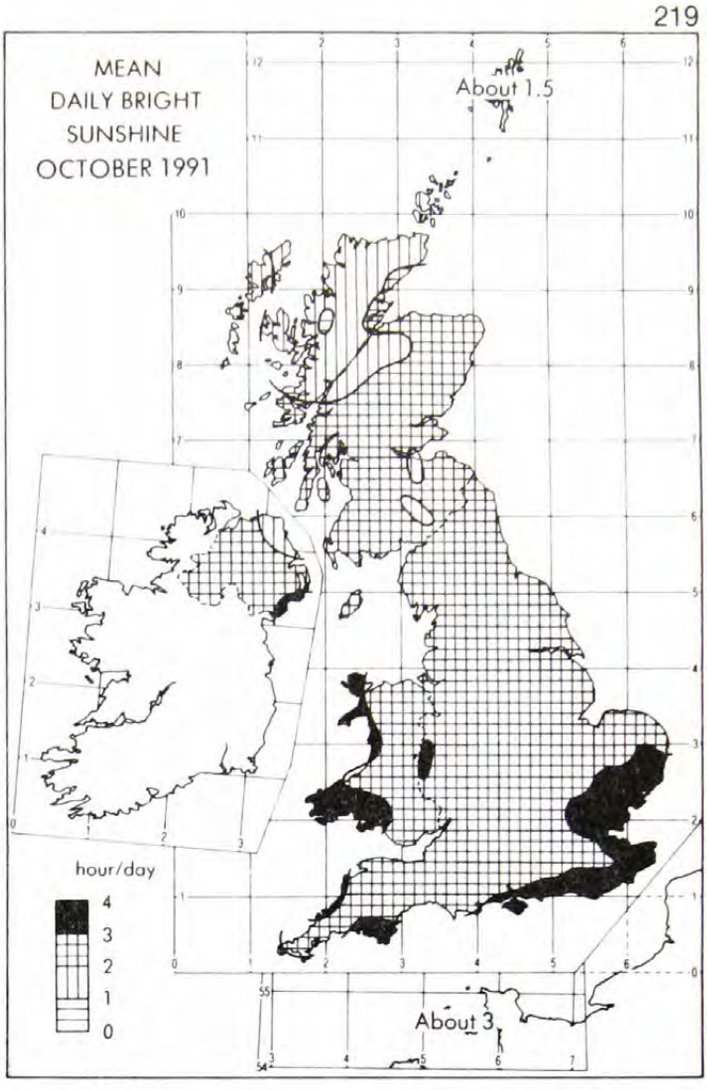
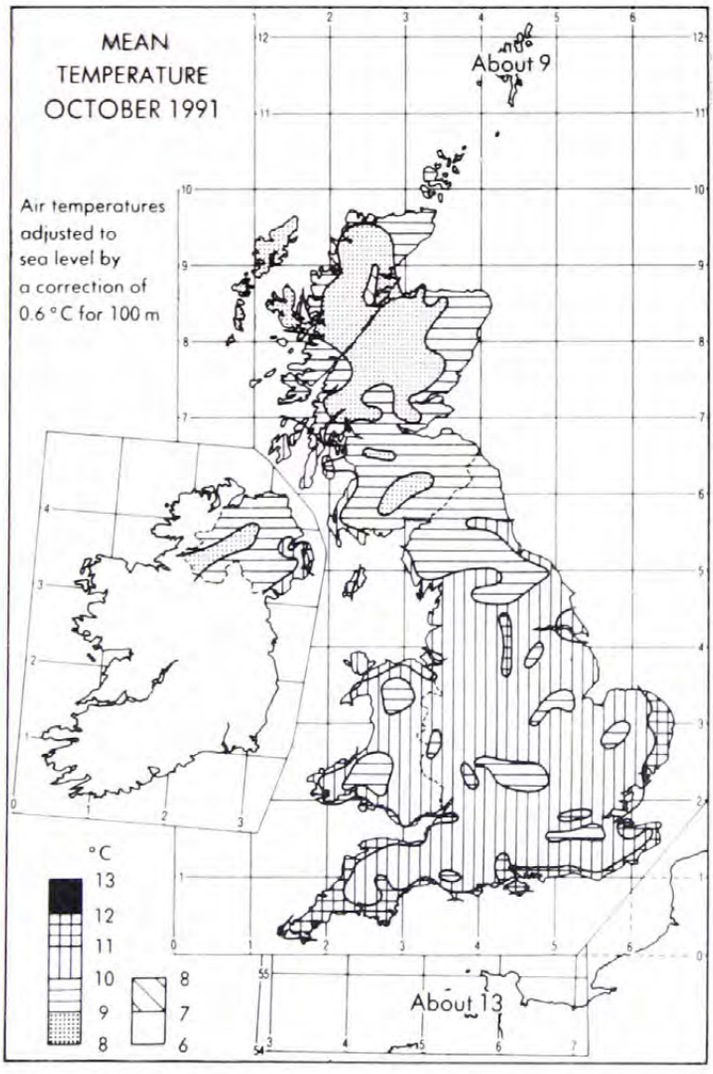

RAINFALL (in millimetres)
OCTOBER 1991
The approximate values in inches are given. The exact relationship is 254 mm = 10 in.
in
mm
32 800
24 600
16 400
12 300
8 200
6 150
4 100
3 75
2 50
1 25
0.40 10
0 0
No precipitation
>150
150
100
75
50
25
200
>75
<100
IRISH GRID
NATIONAL GRID
UTM GRID ZONE 30U
KILOMETRES
STATUTE MILES


MEAN
PRESSURE (mb)
at MSL
09 UTC
OCTOBER 1991
The dashed lines show the 1951–80 average
1010
1011
1012
1013
1014
1015
1016
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
OCTOBER 1991
About 1.5
About 3
hour/day
4
3
2
1
0


MEAN
TEMPERATURE
OCTOBER 1991
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
About 9
About 13
°C
13
12
11
10
9
8
8
7
6

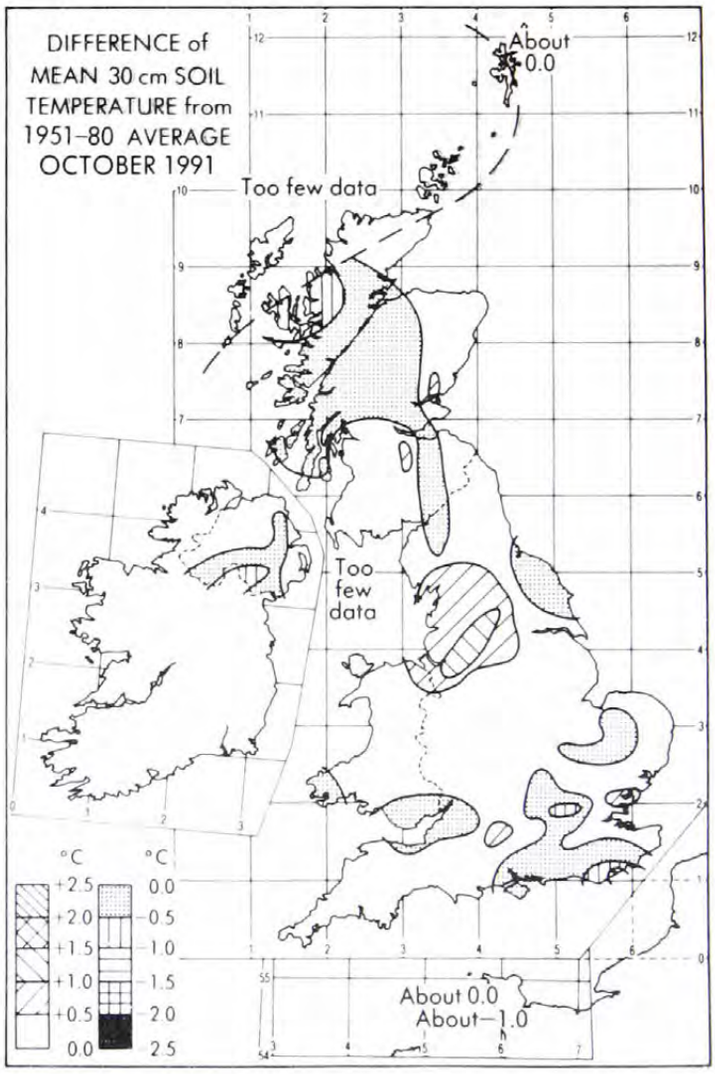

DIFFERENCE of
MEAN 30 cm SOIL
TEMPERATURE from
1951–80 AVERAGE
OCTOBER 1991
About 0.0
Too few data
Too few data
About 0.0
About −1.0
°C
+2.5
+2.0
+1.5
+1.0
+0.5
0.0
°C
0.0
0.5
1.0
1.5
2.0
2.5

Table 2 Solar radiation

October 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	8.0	2	0.2	31	3.0	28	4.2	3	0.2	31	2.1	28
Stornoway	9.2	4	1.2	6	3.6	31	5.1	1	1.2	6	2.8	31
Aviemore	7.7	3	0.6	29	3.9	31	4.8	11	0.6	29	2.9	31
Aberdeen	9.9	3	0.3	30	4.0	31						
Dunstaffnage	9.7	9	1.0	31	4.6	31						
Shanwell	11.0	1	0.3	31	4.6	31	6.7	20	0.3	31	3.1	30
Auchincruive	9.5	3	1.0	31	4.7	30						
Eskdalemuir	9.3	18	0.4	31	4.1	31	5.0	5	0.4	31	2.9	31
Sunderland Poly	15.5	3	1.1	28	5.5	27						
Hazelrigg	11.3	3	0.7	31	5.2	31	5.8	9	0.7	31	3.6	31
Cawood	12.3	1	0.7	31	4.8	31						
Aughton	10.1	19	0.9	31	5.4	31	5.5	13	0.9	31	3.6	31
Finningley	11.7	6	0.9	26	5.2	31	5.4	2	0.9	26	3.3	31
Sutton Bonington	11.5	6	1.0	26	5.1	31	5.0	2	0.6	23	3.1	28
Hemsby	12.7	7	0.5	30	5.5	31	5.5	11	0.5	30	3.6	31
Denver Complex	11.7	6	1.8	23	5.5	31						
Gogerddan	11.5	3	0.8	31	5.8	30						
Brooms Barn	12.4	6	1.6	24	6.1	31	5.5	2	1.6	24	3.8	31
Aberporth	11.8	3	1.0	31	5.5	30	6.1	11	1.0	31	3.4	23
Wallingford	11.8	6	1.9	31	5.1	31						
London W.C.	12.4	2	1.5	28	5.8	27	4.6	11	1.5	28	2.9	27
Easthampstead	13.2	2	1.7	24	5.5	31	5.7	10	1.7	24	3.5	31
East Malling	13.1	2	1.9	16	6.3	31	6.0	8	1.9	16	3.9	31
Crawley	13.9	2	1.5	28	6.1	31	5.6	7	1.5	28	3.7	31
Rustington	15.0	2	1.5	16	7.0	31						
Efford	12.6	2	1.4	28	5.8	31						
Camborne	11.1	4	1.1	29	6.0	31	6.1	13	1.1	29	4.0	31
Jersey	14.5	2	1.5	24	6.2	31	5.8	15	1.5	24	4.0	31
Aldergrove	11.8	5	1.3	29	4.6	31	5.2	1	1.2	29	3.1	31

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation												Daily mean (hours)	Percentage of 1951-80 average*	Exposure
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale			
0 SCOTLAND N																														
Shetland																														
Baltasound	24	10.2	6.5	8.3	0.0	12.0	3,12	1.6	20	8.7	–	145	–	19	15	24	19	3	0	0	0	0	0	0	–	–	7	1.15	61	–
Fair Isle	57	10.6	7.6	9.1	–	13.0	2	1.1	19	9.5	10.0	101	–	19	31	21	15	2	0	1	5	0	2	0	2	–	8	1.70	–	–
Lerwick (A)	82	10.0	6.4	8.2	-0.1	12.2	2	1.0	20	8.6	–	158	132	21	4	24	15	2	0	0	4	1	3	0	3	2	3	1.60	78	–
Sumburgh (A)	7	10.7	7.4	9.1	–	12.7	3	1.4	19	–	–	–	–	–	–	–	–	0	0	0	1	2	0	0	3	1	7	–	–	–
Orkney																														
Kirkwall Airport (A)	26	11.1	6.9	9.0	-0.1	13.3	7	2.2	20	9.3	–	116	105	18	15	22	16	1	0	1	5	1	1	0	2	0	5	1.68	69	–
Rackwick	18	11.4	7.9	9.7	–	13.6	7	2.0	19	–	–	126	–	20	16	25	20	1	–	1	2	2	0	0	–	–	3	–	–	–
Western Isles																														
Benbecula (A)	5	11.4	6.3	8.9	-1.1	14.5	2	1.9	18	9.7	–	149	107	29	6	22	17	0	0	0	5	0	0	0	4	1	4	2.05	80	–
Scalpay	18	(11.0)	(6.0)	8.5	–	–	–	–	–	–	–	(160)	–	–	–	–	–	–	0	–	–	–	–	–	–	–	–	–	–	–
Stornoway (A)	15	11.0	6.3	8.7	-0.6	14.7	2	3.1	9	9.1	–	116	92	27	6	22	17	0	0	0	3	0	0	0	0	0	4	1.62	66	–
Highland																														
Aviemore (A)	229	11.0	4.0	7.5	–	17.0	11	-1.1	9	8.7	9.8	108	–	21	16	20	14	2	0	0	1	0	1	1	8	1	0	1.80	–	–
Cape Wrath	112	10.7	7.4	9.1	-0.3	14.4	2,11	2.8	19	–	–	90	68	13	16	21	17	1	0	1	3	0	1	0	0	0	9	1.54	(67)	–
Cairngorm Chairlift	663	8.1	3.1	5.6	–	16.6	11	-1.6	19	6.1	–	–	–	–	–	–	–	3	2	0	0	0	2	3	–	–	6	–	–	–
Cassley	99	10.7	5.2	7.9	–	14.3	7	1.8	31	–	–	237	116	75	16	21	17	–	0	–	–	–	–	0	2	–	–	–	–	–
Dalcross (A)	11	11.7	5.6	8.7	–	15.4	2	0.9	9	–	–	50	87	13	16	20	17	0	0	0	1	0	2	0	1	–	1	–	–	–
Dalwhinnie	351	9.9	3.6	6.7	–	15.3	11	-2.1	23	8.8	–	197	–	34	30	16	15	1	0	0	0	0	1	3	8	–	0	2.32	–	S
Diabaig	60	12.2	6.9	9.5	–	16.2	2,10	2.4	19	–	–	145	–	24	6	18	16	3	0	0	4	1	–	0	1	–	5	1.63	–	S
Dingwall	7	11.3	4.1	7.7	–	15.3	2	-0.5	9	–	–	89	–	27	16	20	13	–	0	–	–	–	–	1	–	–	–	–	–	–
Duartmore Bridge	30	11.4	5.9	8.7	–	15.7	11	1.5	9	–	–	143	–	34	16	22	17	–	0	–	–	–	0	0	–	–	–	1.29	–	–
Eilanreach	8	12.0	4.2	8.1	–	17.4	11	-1.1	1	–	–	211	–	28	16	19	16	0	0	0	0	0	2	1	5	–	3	–	–	–
Fort Augustus	21	11.1	5.4	8.3	-0.9	14.6	2	0.9	23	10.1	–	152	123	36	16	18	12	0	0	0	0	0	1	0	–	–	1	1.63	83	S
Fortrose	5	(11.0)	(6.0)	8.5	–	–	–	–	–	–	–	(53)	92	17	16	19	14	0	0	0	1	0	–	–	–	–	4	–	–	–
Grantown-on-Spey	220	10.9	3.5	7.2	–	16.5	11	-2.1	9	–	–	78	–	15	16	21	14	1	0	0	0	0	1	4	12	–	0	1.84	–	–
Inverailort	2	12.4	6.1	9.3	–	19.2	11	0.3	23	–	–	263	–	34	15	19	18	0	0	0	1	0	0	0	9	–	3	–	–	–
Inverness	4	12.2	6.3	9.3	-0.4	15.0	2	3.1	19	–	–	52	88	12	16	16	14	0	0	0	0	0	4	0	0	–	0	2.30	85	–
Inverpolly	14	11.9	6.8	9.3	–	17.3	2	2.7	19	–	–	127	–	16	3	22	18	–	0	–	–	–	–	0	1	–	3	–	–	–
Isle of Rhum	5	11.8	6.7	9.3	(-0.8)	15.9	11	2.8	9	10.3	11.9	243	89	58	15	21	17	0	0	0	3	2	0	0	7	–	7	1.69	–	–
Kiltarlity	75	11.1	4.6	7.9	–	14.6	2	0.2	24	–	–	95	–	28	16	16	14	1	0	0	0	0	3	0	7	–	0	–	–	–
Kinbrace	103	–	–	–	–	–	–	–	–	–	–	102	–	11	17	24	17	–	0	–	–	–	–	–	–	–	–	2.01	–	S
Kinlochewe	25	12.0	5.5	8.7	(-0.7)	17.4	11,12	0.2	9	8.9	–	235	–	55	16	19	17	1	0	0	1	0	0	0	6	–	6	0.76	–	S
Knockanrock	244	9.8	5.3	7.5	–	14.8	2	1.1	19	–	–	214	–	36	16	22	16	–	0	–	–	–	–	0	5	–	–	–	–	–
Lairg	107	10.7	4.4	7.5	–	14.0	7	-0.8	9	8.4	9.3	118	–	44	16	20	16	–	0	–	–	–	0	1	13	–	–	1.91	–	S
Lentran	146	11.0	4.8	7.9	–	14.3	23	1.1	19	9.4	–	65	–	16	16	21	13	1	0	0	0	2	0	0	8	–	3	–	–	–
Nairn	8	11.7	5.8	8.7	-0.7	15.5	12	1.4	9	–	–	32	60	6	15	18	12	0	0	0	0	0	0	0	5	–	7	2.42	85	–
Onich	15	12.8	5.7	9.3	-0.3	18.0	11	0.2	23	–	–	197	92	30	16	17	13	–	0	–	–	–	1	0	6	–	–	1.87	91	S
Plockton	12	12.1	6.4	9.3	–	17.4	2	2.9	23	10.0	–	163	–	30	6	19	16	0	0	0	0	0	0	0	–	–	4	–	–	–
Poolewe	6	12.2	6.6	9.4	(-0.8)	16.9	2	1.8	9	–	–	124	71	18	15	20	16	3	0	1	0	2	0	0	3	–	5	1.50	(64)	S
Tomatin	311	10.1	3.9	7.0	–	17.4	11	-1.1	23	–	–	143	–	43	16	22	17	3	0	0	0	1	3	–	–	–	2	–	–	–
Waterstein	92	(11.0)	(6.0)	8.5	–	–	–	–	–	–	–	(138)	–	27	15	21	17	–	–	–	–	–	–	–	–	–	–	–	–	–
Wick (A)	36	11.2	6.5	8.9	-0.3	13.5	2, 6, 7	2.8	20	9.4	–	72	99	10	7	22	14	2	0	1	1	0	2	0	2	0	3	1.76	63	–
1 SCOTLAND E																														
Grampian																														
Aberdeen																														
Dyce Airport (A)	65	11.7	6.3	9.0	-0.1	14.8	3	0.2	21	–	–	105	138	36	31	25	14	2	0	0	1	0	1	0	5	2	1	2.47	83	–
Mannofield	52	11.5	6.5	9.0	-0.1	15.0	2	0.2	21	–	–	78	110	27	31	21	13	0	0	0	0	8	0	0	3	–	0	–	–	–
Aldroughty	30	11.7	5.7	8.7	–	16.7	11	-0.3	9	9.6	–	50	–	9	17	16	13	0	0	0	1	0	3	1	2	–	0	2.61	–	–
Ballater Field Centre	200	12.0	3.9	7.9	–	16.6	3	-2.3	23	–	–	123	–	37	31	21	14	1	0	0	0	–	–	5	8	–	2	–	–	–
Balmoral	283	10.5	3.8	7.1	-0.5	14.5	2	-2.3	23	–	–	113	138	26	31	22	14	2	0	0	0	–	–	5	9	–	3	–	–	–
Banff Golf Course	15	11.9	7.1	9.5	–	14.3	1	1.8	21	9.9	–	67	–	10	17	20	14	0	0	0	0	0	4	0	–	–	0	–	–	S
Braemar	339	10.1	3.7	6.9	-0.6	15.2	23	-2.8	23	8.8	9.8	144	166	35	31	24	15	2	0	0	0	0	0	4	5	–	5	–	–	S
Craibstone	102	11.2	6.5	8.9	-0.2	14.4	2	2.0	20	10.0	11.0	113	145	37	31	22	14	0	0	0	0	0	9	0	4	–	2	–	–	–
Culterty	3	12.0	6.7	9.3	–	15.6	1	0.2	21	–	–	75	–	26	31	15	13	1	0	0	0	0	–	0	2	–	3	2.30	–	–
Durris, Wardend	107	11.4	5.8	8.6	–	14.3	2	0.2	21	8.9	–	126	–	39	31	21	14	1	0	0	1	1	5	0	11	–	0	2.43	–	–
Forehill	40	11.4	7.0	9.2	–	14.5	3	0.5	19	–	–	109	153	24	31	24	14	0	0	0	0	1	0	0	0	–	2	–	–	–
Forres	5	12.3	6.4	9.3	–	16.0	12	-0.3	23	9.7	10.7	28	–	6	15	17	8	1	0	0	2	0	2	1	–	–	0	–	–	–
Fyvie Castle	55	11.7	5.8	8.7	(+0.1)	14.5	2	0.4	6	–	–	85	105	15	17	20	17	0	0	0	1	0	0	0	4	–	2	–	–	S
Glenlivet	215	10.7	4.5	7.6	(-0.5)	15.6	11	-2.5	23	9.3	–	94	–	21	18	22	12	1	1	1	1	0	1	3	4	4	0	2.05	(73)	S
Inchmarlo	80	11.9	5.5	8.7	–	14.8	1	-1.8	6	–	–	120	–	57	31	20	11	–	–	–	–	–	–	3	4	–	–	–	–	–
Inverurie	54	11.9	6.1	9.0	–	15.1	3,16	-0.2	6	–	–	92	–	32	31	20	13	0	0	0	0	2	1	4	–	–	0	2.22	–	–
Keith	106	11.1	5.6	8.3	–	15.2	2	0.1	23	–	–	87	–	15	1	22	15	0	0	0	1	0	–	0	7	–	6	2.26	–	–
Kinloss (A)	5	12.2	5.8	9.0	-0.5	17.1	11	0.3	23	10.0	–	31	57	6	15	15	9	0	0	0	1	0	1	0	5	0	1	2.41	87	–
Leith Hall	180	11.9	4.7	8.3	–	14.5	2	-1.0	21	–	–	92	–	15	1	19	14	2	0	0	1	0	0	4	4	–	3	–	–	–
Lossiemouth (A)	6	11.9	6.0	8.9	(-0.4)	16.0	11	1.9	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Rothes	61	11.8	6.2	9.0	–	16.2	2	1.4	21	–	–	63	–	18	17	16	14	0	0	0	1	0	0	0	1	–	0	2.15	–	S
Stonehaven	85	11.5	6.1	8.8	–	13.8	2, 3, 16	2.0	19	–	–	92	–	30	31	18	15	0	0	0	0	0	3	0	–	–	1	2.06	–	S
Tayside																														
Arbroath	29	11.6	7.4	9.5	-0.2	14.4	4	1.9	23	–	–	47	89	10	31	14	10	0	0	0	0	0	4	0	0	–	3	3.05	94	–
Ardtalnaig	130	11.3	5.3	8.3	(-0.7)	14.7	2	1.3	24,25	–	–	159	138	23	4	18	14	0	0	0	0	0	2	0	1	–	4	2.04	–	S
Dall (Rannoch School)	232	10.8	3.6	7.2	–	13.9	11	-2.1	9	–	–	186	–	34	30	19	13	0	0	0	0	0	2	5	7	–	0	–	–	–
Drummond Castle	113	11.4	4.9	8.1	–	14.9	21	-1.0	24	10.1	–	126	–	20	6	17	15	0	0	0	0	0	–	2	15	–	1	2.35	–	–
Dundee	45	11.9	6.9	9.4	-0.3	15.0	9	1.7	23	10.2	–	61	102	11	29	16	11	0	0	0	0	0	4	0	8	–	0	–	–	–
Faskally	94	11.2	4.9	8.1	-0.8	14.7	2	0.0	24	9.8	11.1	119	150	16	30	18	15	0	0	0	0	1	0	0	6	–	1	–	–	–
Forfar	91	11.3	5.5	8.4	–	14.9	2	-0.7	24	–	–	81	–	17	31	18	13	0	0	0	0	0	2	2	6	–	2	2.97	–	–
Kindrogan	259	10.2	3.7	6.9	–	14.2	11	-2.5	22	–	–	147	–	22	31	18	14	–	0	–	–	–	1	5	12	–	–	–	–	–
Kinross	116	11.1	4.6	7.9	–	14.7	2	-1.5	24	9.4	–	92	–	16	29	16	13	–	0	–	–	–	2	2	11	–	–	2.05	–	–
Montrose	55	11.6	6.6	9.1	-0.2	14.3	13	0.6	23	10.3	–	73	117	21	31	19	11	0	0	0	0	0	0	0	5	–	1	–	–	–
Mylnefield (A)	30	12.0	6.5	9.3	-0.1	15.4	2	0.4	23	10.5	11.5	66	112	12	31	14	11	0	0	0	0	0	2	0	5	–	0	2.60	87	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
1 SCOTLAND E - Continued																														
Tayside - Continued																														
Perth Aerodrome (A)	118	11.1	4.9	8.0	–	14.7	2	-0.4	24	–	–	60	–	11	31	17	11	–	0	–	–	–	–	1	–	–	–	–	–	–
Strathallan	41	12.0	5.8	8.9	–	15.7	2	0.0	24	–	–	68	–	12	29	17	11	0	0	0	0	0	4	0	9	–	1	–	–	–
Tummel Bridge	161	10.8	4.2	7.5	–	14.0	9	-0.8	9	–	–	144	–	18	16	19	13	–	–	–	–	–	–	1	–	–	–	–	–	–
Whitehillocks	258	9.9	4.7	7.3	–	14.0	23	-0.5	6	–	–	205	–	53	31	21	19	2	0	0	0	0	3	3	7	–	0	–	–	S
Fife																														
Belliston	82	11.4	7.1	9.3	–	14.7	2	2.8	19	10.8	–	55	87	14	7	14	9	0	0	0	0	0	4	0	5	–	0	–	–	–
Cupar	42	12.2	6.9	9.5	–	16.8	9	0.1	24	–	–	57	–	11	29	14	11	0	0	0	0	0	–	0	–	–	0	2.89	–	S
Fife Ness	12	11.9	7.4	9.7	–	15.1	4	3.0	20,21	–	–	–	–	–	–	–	–	–	0	–	–	–	–	0	0	–	–	–	–	–
Leuchars (A)	10	12.4	6.2	9.3	-0.3	15.7	2	0.9	23	10.1	–	54	98	13	31	15	11	0	0	0	0	0	2	0	6	1	4	2.91	90	–
Lothian																														
Bush House	184	11.1	5.7	8.4	-0.5	14.6	2	1.2	24	10.1	11.2	77	103	21	31	20	13	0	0	0	0	0	5	0	6	–	3	2.13	73	–
Dunbar	23	11.9	7.6	9.7	-0.6	16.0	2	3.0	20	9.4	–	31	65	10	31	14	8	0	0	0	0	0	5	0	–	–	5	2.39	70	–
Edinburgh																														
East Craigs	61	11.8	6.2	9.0	-0.6	15.9	2	0.4	21	10.7	–	48	85	9	31	16	13	0	0	0	0	0	3	0	10	–	0	2.24	(75)	–
Royal Botanic Garden	26	12.1	7.1	9.6	-0.3	16.3	2	2.7	20	9.5	–	39	70	10	31	16	9	0	0	0	0	0	5	0	9	–	1	2.38	80	–
Royal Observatory Blackford Hill (A)	134	11.8	(6.4)	9.1	-0.7	17.5	2	2.4	18	–	–	50	89	15	31	18	12	–	0	–	–	–	–	0	0	–	–	2.15	70	–
Turnhouse Airport (A)	35	12.0	6.3	9.1	-0.5	16.0	2	2.0	20	10.4	–	47	83	7	31	15	11	0	0	0	0	0	2	0	9	0	2	1.97	70	–
Haddington	41	11.9	6.8	9.3	–	16.0	2	2.5	6	–	–	33	–	11	31	18	9	0	0	0	0	0	2	0	–	–	1	–	–	–
Livingston	125	11.1	5.8	8.5	–	15.0	2	1.6	19	8.7	–	77	–	16	31	18	13	–	0	–	–	–	–	0	2	–	–	–	–	–
Nunraw Abbey	197	11.2	6.1	8.7	–	14.5	2, 8	2.0	6,20	–	–	57	–	15	31	18	11	0	0	0	0	0	–	0	–	–	1	–	–	–
Penicuik	185	10.8	5.3	8.1	(-0.6)	14.4	2	0.4	20	9.5	–	92	119	29	31	22	14	0	0	0	0	0	4	0	3	–	1	1.93	(73)	–
Borders																														
Blyth Bridge	253	10.5	5.6	8.1	-0.3	15.0	11	0.4	19	–	–	88	107	29	31	22	15	0	0	0	0	0	2	0	9	–	2	2.09	79	–
Blythe	262	10.8	5.4	8.1	–	13.5	2, 4	1.0	20	9.4	–	62	–	16	31	18	11	–	0	–	–	–	5	0	11	–	–	2.56	–	–
Bowhill (Selkirk)	168	11.2	5.6	8.4	-0.3	14.8	11	0.6	20	10.2	–	89	117	28	31	18	12	0	0	0	0	1	0	7	–	–	2	–	–	–
Carterhouse	308	10.0	5.0	7.5	–	15.1	11	-0.8	20	9.5	10.5	115	–	27	31	18	13	0	0	0	0	0	7	3	10	6	1	–	–	–
Floors Castle	59	12.0	6.0	9.0	–	15.3	2,11	0.3	21	–	–	47	80	12	31	13	8	0	0	0	0	0	4	0	–	–	2	–	–	–
Galashiels	198	10.9	5.8	8.3	–	14.0	2,11	0.3	23	–	–	73	–	20	31	18	12	0	0	0	0	0	5	0	3	–	2	2.36	–	S
Glentress	165	11.9	5.1	8.5	(-0.3)	16.5	11	-1.0	20	–	–	85	116	29	31	18	10	0	0	0	0	–	1	–	–	–	4	–	–	–
Greycrook	76	12.2	5.6	8.9	–	15.3	11	-0.7	23	11.1	–	52	–	16	31	16	10	0	0	0	0	0	1	2	8	–	4	–	–	–
Kelso	34	12.3	6.4	9.3	–	15.4	11	0.7	20	11.0	–	45	–	11	4	19	8	0	0	0	0	0	1	0	6	–	1	–	–	–
St Abbs Head	75	11.2	7.8	9.5	–	15.1	2	4.8	6	–	–	–	–	–	–	–	–	0	0	0	0	0	5	0	0	0	6	–	–	–
West Linton	244	10.8	5.4	8.1	-0.1	14.3	2	0.2	20	9.8	11.1	74	89	16	31	19	14	0	0	0	0	0	0	0	3	–	0	–	–	–
6 SCOTLAND W																														
Strathclyde																														
Abington	247	–	–	–	–	–	–	–	–	–	–	(140)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ardentinny	5	12.0	5.7	8.9	–	16.1	11	2.0	23	10.0	11.3	253	–	33	16	16	14	0	0	0	1	0	1	0	3	–	3	–	–	–
Aros	37	(12.0)	(6.0)	9.0	–	–	–	–	–	–	–	227	–	28	16	22	17	–	0	–	–	–	–	–	–	–	–	–	–	–
Auchincruive	48	12.4	7.2	9.8	-0.1	18.4	11	1.9	19	10.8	11.6	93	96	15	29	16	12	0	0	0	1	0	0	0	3	–	0	2.21	78	–
Benmore (Younger Botanic Garden)	12	12.0	6.0	9.0	(-0.7)	16.7	11	0.9	23	10.4	–	267	116	38	29	17	13	0	0	0	0	1	1	0	6	–	0	–	–	–
Black Mount	175	11.1	4.6	7.9	–	15.8	11	-1.9	24	–	–	301	–	45	16	21	14	0	0	0	2	2	2	1	–	–	2	–	–	–
Brodick Castle	15	12.2	7.1	9.7	–	15.5	11	2.5	23	10.8	–	196	–	23	29	15	14	0	0	0	3	1	2	0	5	–	2	–	–	–
Camps Reservoir	295	10.1	4.0	7.1	(-0.6)	17.0	11	-2.0	20	–	–	172	–	46	31	22	15	1	0	0	0	0	–	3	–	–	2	1.95	–	–
Carnwath	208	11.1	4.6	7.9	-0.2	15.3	11	-1.1	20	9.7	–	73	91	22	31	21	12	1	0	0	1	1	2	3	8	4	9	–	–	–
Colonsay Hotel	15	12.1	8.1	10.1	–	16.2	11	4.4	19	–	–	137	–	24	30	20	17	0	0	2	0	1	0	0	0	–	8	2.38	–	–
Cumnock	99	12.0	6.2	9.1	–	19.5	11	-2.3	19	10.0	–	112	–	26	31	17	14	0	0	0	0	0	0	1	2	–	0	–	–	S
Dalry	32	12.8	6.0	9.4	–	16.9	7	0.3	23	–	–	135	–	22	4	19	13	0	0	0	0	0	–	0	–	–	2	–	–	–
Drumclog	227	10.6	4.6	7.6	–	15.4	12	-1.3	19	–	–	114	–	35	31	16	12	0	0	0	0	0	0	2	12	–	3	–	–	–
Dunstaffnage (A)	3	12.4	6.7	9.5	–	18.2	11	1.6	23	10.1	–	175	–	23	6,16	16	13	0	0	0	0	1	0	0	5	–	4	2.26	–	–
East Kilbride	178	11.2	5.8	8.5	–	14.6	2	0.9	23	–	–	109	–	21	31	17	13	0	0	0	0	0	–	0	10	–	0	2.39	–	–
Girvan	8	12.8	8.3	10.5	–	18.1	11	5.3	23	–	–	127	–	23	29	15	12	0	0	0	0	0	0	0	0	–	1	2.45	–	S
Glasgow Abbotsinch Airport (A)	5	12.4	5.5	8.9	–	16.0	2	-1.1	23	9.9	–	92	94	20	4	14	12	0	0	0	0	0	2	1	10	3	1	2.15	–	–
Springburn Park	107	11.1	5.8	8.5	-0.8	14.4	2	1.0	18	–	–	104	103	19	4	23	12	–	–	–	–	–	–	0	–	–	–	–	–	–
Helensburgh	96	11.5	5.5	8.5	–	15.0	2	1.3	23	–	–	217	–	35	4	16	13	–	0	–	–	–	2	0	–	–	–	2.27	–	S
Hunterston	8	12.4	8.1	10.3	-0.3	16.2	11	4.0	23	–	–	109	–	19	4	13	13	0	0	0	0	0	0	0	–	–	0	–	–	–
Inverinan Mor	70	11.7	4.9	8.3	–	16.9	11	0.5	19	–	–	277	–	41	15	17	14	0	0	0	0	1	0	0	–	–	3	–	–	–
Leadhills	388	9.8	3.1	6.5	–	18.0	11	-2.2	19	–	–	215	–	47	31	21	14	2	0	0	0	0	3	6	15	–	7	–	–	–
Lochgilphead	5	12.5	6.3	9.4	–	17.1	13	2.0	19,22	–	–	215	–	31	30	15	14	0	0	0	0	0	–	0	0	–	2	–	–	–
Lochranza	46	11.7	7.6	9.7	–	15.2	2	3.5	20	–	–	169	–	27	4	14	13	–	–	–	–	–	–	0	–	–	–	–	–	–
Machrihanish (A)	10	12.5	8.1	10.3	(-0.3)	17.4	11	3.9	21	–	–	122	–	25	30	17	16	–	–	–	–	–	–	0	–	–	–	–	–	–
Millport	5	12.6	8.8	10.7	(-0.1)	16.1	11	3.8	19	–	–	116	97	23	4	14	13	–	0	–	–	–	–	0	–	–	–	–	–	–
Motherwell (Strathclyde Park)	24	12.3	5.3	8.8	–	16.0	2	-0.4	20	–	–	79	–	21	31	13	11	0	0	0	0	0	1	2	–	–	2	–	–	–
Orsay	23	12.3	8.2	10.3	–	15.8	11	3.5	19	–	–	119	–	20	30	19	17	0	0	0	1	0	0	0	0	0	11	–	–	–
Paisley (A)	32	12.1	6.4	9.3	-0.8	15.4	2	2.0	19	10.6	12.2	103	93	19	4	16	12	0	0	0	0	0	2	0	5	–	0	2.09	84	–
Pollok Country Park	16	12.5	4.5	8.5	–	15.9	2	-0.8	23	–	–	99	–	17	4	17	12	0	0	0	0	0	–	2	–	–	0	–	–	–
Prestwick (A)	16	12.7	6.8	9.7	-0.5	17.5	11	1.0	19	10.8	–	90	95	14	29	14	13	0	0	0	0	0	0	0	4	1	3	2.45	84	–
Rothesay	43	12.1	7.3	9.7	(-0.5)	14.9	2	2.4	19	10.5	11.3	169	123	26	4	14	13	0	0	0	0	0	0	0	0	–	8	2.66	–	–
Salsburgh	260	10.2	4.8	7.5	–	13.8	2	-0.5	19	–	–	92	–	18	31	18	13	–	–	–	–	–	–	1	–	–	–	–	–	–
Saughall	221	10.9	5.0	7.9	–	15.0	11	-2.1	19	9.1	10.6	123	–	37	31	17	12	0	0	0	0	0	3	2	7	3	4	2.05	–	–
Tiree (A)	9	11.9	7.6	9.7	-0.8	15.6	12	2.6	19	10.1	–	145	116	27	15	21	16	0	0	1	4	0	1	0	2	0	8	2.11	84	–
Uplawmoor	128	11.2	5.2	8.2	–	14.2	2	-1.2	23	–	–	136	–	25	15	20	12	0	0	0	0	0	1	1	9	–	4	–	–	–
Central																														
Aberfoyle	27	(12.0)	(4.3)	8.1	–	15.1	2	-0.2	23	–	–	155	–	20	15,29	17	13	–	0	–	–	–	–	1	7	–	–	–	–	–
Arrochymore	30	12.3	5.4	8.9	–	15.3	11	1.2	22	10.6	–	182	–	25	29	18	14	–	0	–	–	–	0	0	11	–	–	2.11	–	S
Balquhidder	136	11.5	5.3	8.4	–	14.8	2	-0.2	24	9.7	–	265	–	36	29	18	15	0	0	0	0	2	1	7	–	0	–	–	–	S
Falkirk	3	12.2	6.4	9.3	–	16.0	2	1.0	24	–	–	66	–	13	31	13	9	–	0	–	–	–	–	0	–	–	–	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
6 SCOTLAND W - Continued																														
Central - Continued																														
Grangemouth (BP Refinery)	2	12.5	7.2	9.9	–	16.3	2	2.1	24	–	–	64	–	13	31	15	10	1	0	0	0	0	3	0	–	–	4	–	–	–
Loch Venachar	84	11.2	5.1	8.1	–	14.6	2	-0.1	24	–	–	169	–	24	29	18	13	0	0	1	0	0	2	1	4	–	3	–	–	–
Mugdock Park	165	11.3	5.4	8.3	–	15.6	11	1.2	18	9.6	–	134	–	21	4	14	12	0	0	0	0	0	3	0	–	–	2	–	–	–
Parkhead	35	12.0	5.8	8.9	–	16.4	11	1.0	24	9.9	–	91	–	15	31	13	10	–	0	–	–	–	5	0	–	–	1	–	–	–
Stirling (Sewage Works)	7	12.2	6.4	9.3	–	16.0	2	1.0	24	–	–	84	–	13	31	13	11	–	0	–	–	–	–	0	2	–	–	2.00	–	–
Tyndrum	168	11.0	4.7	7.9	–	15.0	11	-1.6	24	–	–	319	–	39	16	22	14	–	0	–	–	–	–	3	–	–	–	–	–	–
Dumfries & Galloway																														
Auchen Castle	184	10.6	4.6	7.6	–	16.4	11,12	-0.7	20	–	–	214	–	50	31	17	12	0	0	0	0	0	1	1	10	–	2	–	–	–
Bargrennan	110	12.0	5.3	8.7	-0.5	19.2	11	-2.2	19	–	–	173	114	29	31	17	14	–	0	–	–	–	–	1	–	–	–	–	–	–
Clatteringshaws	178	11.2	5.1	8.1	–	20.3	11	-0.4	23	–	–	248	128	45	31	21	14	–	0	–	–	–	0	1	–	–	4	2.24	–	–
Corsewall Point	15	12.6	8.4	10.5	–	16.3	11	4.3	18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Creebridge	18	13.1	6.4	9.7	–	20.3	11	0.1	19	–	–	124	–	27	31	16	14	–	0	–	–	–	–	0	–	–	–	–	–	–
Dumfries	49	12.2	6.3	9.3	-0.4	18.2	11	1.2	21,22	11.2	12.3	162	153	35	31	14	11	0	0	0	0	0	0	0	8	–	0	2.27	79	S
Dumfries (Drungans)	28	12.4	6.4	9.4	–	18.5	11	1.4	21	–	–	159	–	32	31	15	11	–	–	–	–	–	–	0	–	–	–	–	–	–
Eskdalemuir (A)	242	10.6	4.7	7.7	-0.5	15.5	11	-2.4	21	10.4	11.5	191	136	43	31	17	12	1	0	0	0	2	4	10	5	0	1.88	75	–	
Glenlee	55	12.2	4.7	8.5	-0.8	19.4	11	-1.3	22	–	–	198	127	46	31	20	14	–	0	–	–	–	–	1	7	–	–	–	–	–
Glenlochar Barrage	47	12.1	5.9	9.0	-0.5	17.8	11	0.6	19	–	–	147	122	39	31	17	11	0	0	0	0	1	0	–	–	4	–	–	–	–
Penwhirn	166	11.7	5.6	8.7	(-0.3)	19.0	12	0.0	19	–	–	219	141	36	29	21	18	0	0	0	1	0	3	0	1	–	1	–	–	–
Threave	73	11.9	5.8	8.9	-0.6	18.0	11	0.7	22	10.9	–	147	120	35	31	18	11	0	0	0	0	0	1	0	9	–	3	–	–	–
Whithorn	40	12.4	7.6	10.0	–	17.9	11	1.9	19	11.6	–	107	–	44	31	17	15	0	0	0	0	0	1	0	3	0	1	2.69	–	–
2 ENGLAND E & N E																														
Northumberland																														
Boulmer (A)	23	12.1	7.5	9.8	–	16.0	2	3.3	19	10.6	11.6	53	–	10	7	17	12	0	0	0	2	0	3	0	1	0	0	2.37	–	–
Cockle Park	99	11.7	6.6	9.1	-0.3	15.4	2	2.5	19	9.9	–	43	76	9	31	21	11	0	0	0	0	0	5	0	3	–	2	1.97	66	–
Haydon Bridge	82	12.5	6.7	9.6	+0.1	17.0	8	0.3	19	11.1	–	53	–	11	31	19	14	0	0	0	0	0	1	0	–	–	3	–	–	–
Kielder Castle	201	(11.0)	(4.6)	7.8	-0.4	16.8	11	-2.9	21	(10.3)	–	(128)	117	24	7	16	10	0	0	0	0	0	–	4	(9)	–	2	–	–	–
Redesdale	235	10.6	5.4	8.0	–	14.6	11	-2.0	21	9.9	–	92	–	27	7	19	11	–	0	–	–	–	3	1	11	–	–	2.68	–	–
Tyne & Wear																														
Newcastle Weather Centre (X)	52	12.4	7.8	10.1	–	15.9	2	3.4	19,20	–	–	39	–	9	31	17	12	0	–	0	0	0	4	0	–	0	0	2.30	–	–
South Shields	5	12.3	7.5	9.9	–	16.0	2	3.0	18,20	–	–	49	–	12	18	18	11	0	0	0	0	0	4	0	–	–	2	–	–	–
Sunderland Polytechnic	56	–	8.3	–	–	–	–	3.5	20	–	–	45	–	8	18	16	11	0	0	0	0	0	5	0	–	0	0	2.22	–	–
Tynemouth	30	12.0	7.8	9.9	-0.6	16.0	16	2.1	20	–	–	45	93	10	18	17	9	0	0	0	0	0	5	0	0	–	5	2.30	78	–
Durham																														
Durham	102	12.6	5.8	9.2	-0.5	16.4	11	-0.5	21	10.9	12.4	50	96	13	31	16	12	–	0	–	–	–	5	1	4	–	–	2.53	86	–
Low Etherley	155	11.8	6.0	8.9	–	15.7	11	0.6	21	10.0	10.9	56	–	21	31	19	10	0	0	0	0	0	4	0	12	1	1	–	–	–
Widdybank Fell	513	9.0	4.2	6.6	–	16.8	11	-1.4	19	8.0	–	190	–	43	29	21	17	–	0	–	–	–	5	3	8	–	–	2.41	–	–
Cleveland																														
North Yorkshire																														
Askham Bryan	33	13.2	5.8	9.5	-0.4	19.0	4	-2.0	21	–	–	42	80	14	29	14	8	0	0	0	0	0	5	1	1	–	1	2.49	85	S
Cawood	6	13.0	7.3	10.1	+0.2	19.3	11	-1.6	21	10.9	12.8	32	64	12	29	11	8	0	0	0	0	0	3	1	9	–	0	2.50	87	–
Church Fenton	8	13.1	7.4	10.3	–	19.7	11	-1.3	21	–	–	39	–	13	29	14	7	–	–	–	–	–	–	1	–	–	–	–	–	–
Fylingdales	262	(10.5)	(6.3)	8.4	–	15.8	11	0.9	21	–	–	97	–	24	18	23	15	2	–	–	–	–	–	0	–	–	–	–	–	–
Harrogate (Bilton)	66	12.6	6.4	9.5	0.0	18.2	11	-2.1	21	–	–	70	118	20	29	16	8	0	0	0	0	0	1	2	3	–	3	2.15	73	–
High Mowthorpe	175	11.5	6.7	9.1	-0.4	16.8	11	0.3	19	10.0	–	64	96	19	29	15	12	–	0	–	–	–	5	0	5	–	–	–	–	–
Linton-on-Ouse	14	13.1	7.0	10.1	–	18.7	11	-1.2	21	–	–	48	–	16	29	15	8	–	–	–	–	–	–	1	–	–	–	–	–	–
Leeming (A)	32	13.1	7.2	10.1	(+0.1)	19.5	11	0.0	21	10.7	12.6	56	112	13	31	15	10	0	0	0	0	0	1	0	5	1	2	2.54	–	–
Malham Tarn	381	10.2	4.9	7.5	-0.5	17.8	11	-1.0	20	8.9	–	115	–	43	7	16	11	0	0	0	2	0	0	2	9	–	2	1.98	–	–
Scarborough	110	11.9	7.8	9.9	–	15.5	3,11	4.1	21	10.2	11.4	69	–	13	18	17	12	0	0	1	0	0	7	0	–	–	2	2.63	–	–
Whitby	41	12.3	7.9	10.1	(-0.3)	16.5	11	3.1	23	10.8	12.2	65	–	18	18	15	11	0	0	2	0	0	2	0	2	–	6	2.16	64	–
Whitby Coastguard	60	12.0	7.7	9.9	(-0.3)	16.3	3	2.2	21	–	–	44	–	9	29	14	9	0	0	0	0	0	3	0	1	1	1	–	–	–
Wycliffe Hall	120	12.1	5.0	8.5	–	18.6	2	0.8	21	–	–	–	–	–	–	–	–	0	0	0	0	0	4	0	4	–	0	–	–	–
Wykeham Forest	211	(11.1)	(7.3)	9.2	–	15.8	11	1.5	21	(9.6)	–	(86)	–	21	18	18	15	–	0	–	–	–	–	0	3	–	–	(2.17)	–	–
Humberside																														
Cleethorpes	23	13.3	–	–	–	18.0	3	–	–	–	–	29	–	7	29	13	9	–	0	–	–	–	1	–	2	0	–	2.20	–	–
Hull	2	13.7	8.4	11.1	+0.2	18.1	11	1.5	21	–	–	33	61	8	31	13	7	0	0	0	0	–	0	–	–	–	0	–	–	–
Lincolnshire																														
Coningsby (A)	6	13.8	6.9	10.3	–	18.9	11,13	0.6	21	–	–	19	–	7	29	9	4	0	0	0	0	0	3	0	5	1	0	–	–	–
Covenham	3	–	–	–	–	–	–	–	–	–	–	28	–	6	29	14	10	–	–	–	–	–	–	–	–	–	–	–	–	–
Cranwell (A)	62	13.3	6.7	10.0	-0.2	19.2	11	0.9	21	–	–	22	50	12	29	9	4	–	–	–	–	–	–	0	–	–	–	–	–	–
Driby	41	13.0	7.1	10.1	–	17.7	13	1.5	21	–	–	29	–	8	29	13	8	–	–	–	–	–	–	0	–	–	–	–	–	–
Kirton	4	13.3	6.9	10.1	–	18.7	11	-1.3	21	11.3	12.6	23	–	7	29	10	5	0	0	0	0	2	1	6	–	3	2.99	–	–
Lincoln (Canwick)	7	13.6	(6.8)	10.2	–	18.8	11	0.5	21	11.9	13.3	30	–	12	31	8	6	0	0	0	0	1	0	1	–	0	–	–	–	–
Scampton	58	13.0	7.1	10.1	–	17.5	16	-0.1	21	–	–	39	–	16	31	10	6	–	–	–	–	–	1	–	–	–	–	–	–	–
Skegness	5	(13.2)	(7.9)	10.5	(-0.4)	17.7	3	2.1	21	–	–	22	45	4	18	16	8	–	0	–	–	–	–	0	–	–	–	(2.59)	77	–
Waddington (A)	68	13.2	7.2	10.2	-0.1	18.8	11	0.8	21	11.1	12.6	29	62	11	29	9	5	1	0	0	0	0	2	0	1	1	0	2.90	87	–
3 EAST ANGLIA																														
Norfolk																														
Bressingham	30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Coltishall (A)	18	13.8	7.2	10.5	(-0.4)	19.0	11	2.2	7	–	–	50	88	11	20	16	10	0	0	0	1	0	1	0	6	0	0	–	–	–
Cromer	54	13.4	8.5	10.9	-0.2	18.4	8	4.5	7	–	–	44	74	7	29	14	12	2	0	2	0	0	0	0	1	–	0	2.77	78	–
Denver	2	13.9	6.8	10.3	–	20.6	10	-1.0	21	11.9	14.4	23	–	9	31	8	5	–	0	–	–	–	2	2	–	–	–	(2.44)	–	S
Hemsby (A)	13	13.8	8.0	10.9	–	18.5	11	3.9	18	12.1	13.1	50	–	14	20	15	8	0	0	0	2	0	1	0	1	0	0	2.68	–	–
Hunstanton	15	13.1	8.2	10.7	–	19.4	11	4.5	18,20	–	–	23	–	7	31	13	7	0	–	0	0	0	–	0	–	–	0	2.68	–	–
Marham (A)	21	13.8	6.7	10.3	-0.3	20.1	10	-0.5	22	–	–	25	53	7	31	12	7	0	0	0	0	0	2	1	6	3	0	2.59	–	–
Morley St Botolph	46	13.4	6.8	10.1	–	19.4	10	0.6	22	11.1	–	28	–	7	29	15	8	0	0	0	0	0	1	0	5	–	1	2.96	–	–
Norwich Weather Centre	15	13.5	8.3	10.9	–	18.8	10	4.0	21	–	–	34	–	9	19	15	10	0	–	1	0	0	1	0	–	–	0	2.76	–	–
South Raynham	68	13.6	6.8	10.2	–	19.8	10	1.9	6,21	–	–	33	–	5	29	15	8	0	0	0	0	0	3	0	4	–	1	–	–	–
Terrington St Clement	2	13.8	6.8	10.3	-0.3	21.0	10,11	0.8	21	11.3	–	25	60	8	31	9	6	0	0	0	0	0	2	0	4	–	0	2.62	78	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets, etc	Thunder heard	Fog at 9h	Air frost	Grass min below 0 deg C	Concrete min below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
3 EAST ANGLIA - Continued																														
Cambridgeshire																														
Boxworth	53	13.8	6.8	10.3	(−0.4)	21.0	10	0.2	21	—	—	19	—	9	31	6	2	0	0	0	0	9	0	3	—	0	2.62	(74)	-
Cambridge Botanic Garden	12	(14.6)	6.6	10.6	−0.3	21.9	10	−2.8	21	11.4	13.1	18	38	7	31	9	5	0	0	0	0	1	3	4	—	0	—	—	-
National Institute of Agricultural Botany	24	14.1	(6.9)	10.5	−0.4	21.1	10	−0.7	21	—	—	19	40	9	31	9	4	0	0	0	0	2	1	3	—	0	2.87	82	-
March	2	14.4	7.0	10.7	—	20.8	10	0.4	21	—	—	20	47	7	29	7	5	—	0	—	—	—	0	—	—	—	—	—	-
Marholm	21	(14.4)	(6.3)	10.3	—	21.0	11	−2.0	21	—	—	20	—	8	29	9	4	0	0	0	0	0	1	5	—	0	—	—	-
Mepal	-2	14.5	6.3	10.4	—	21.2	10	−2.9	21	12.0	15.1	21	—	12	31	8	3	0	0	0	0	3	3	8	—	0	2.73	—	-
Monks Wood	39	14.3	6.3	10.3	(−0.1)	21.4	11	−0.9	21	11.5	12.9	20	—	9	31	8	4	0	0	0	0	2	2	3	—	0	2.79	—	-
Wittering	73	13.6	6.9	10.3	−0.1	20.3	11	−0.2	21	—	—	23	—	10	29	7	4	—	—	—	—	—	1	—	—	—	—	—	-
Wyton (A)	40	14.0	7.2	10.6	−0.2	20.7	10	0.9	21	—	—	19	44	10	31	9	3	0	0	0	0	3	0	5	0	0	2.87	—	-
Suffolk																														
Brooms Barn	75	13.8	7.1	10.5	(−0.2)	20.7	10	0.9	21	11.0	12.9	17	—	6	29	10	4	0	0	0	0	2	0	5	—	0	3.12	(88)	-
Cavendish	55	14.2	6.5	10.3	—	20.6	10	0.1	22	11.6	—	16	—	9	29	11	3	0	0	0	0	2	0	5	—	0	3.11	—	-
East Bergholt	5	14.5	6.4	10.5	−0.3	20.4	10	−0.5	22	—	—	17	36	9	29	10	3	0	0	0	0	3	1	(7)	—	0	—	—	-
Honington (A)	51	13.8	6.8	10.3	—	20.9	10	0.0	21	—	—	18	—	8	29	10	4	0	0	0	0	1	0	4	2	0	2.94	—	-
Levington	22	14.1	7.9	11.0	—	19.9	10	2.5	22	11.7	—	13	—	5	29	12	4	0	0	0	0	2	0	5	—	0	3.32	—	-
Lowestoft	25	13.5	8.7	11.1	−0.3	18.2	3	3.5	21	12.1	13.6	28	47	7	20	14	8	0	0	0	0	1	0	0	0	1	2.51	70	S
Wattisham (A)	89	13.6	7.0	10.3	−0.2	20.3	10	1.2	21	—	—	27	54	11	31	12	4	0	0	0	0	1	0	3	2	0	3.11	—	-
Westleton	10	13.9	7.9	10.9	—	18.3	3	2.6	21	—	—	19	—	5	19	13	5	0	0	0	0	1	0	0	—	1	—	—	-
Bedfordshire																														
Bedford (A)	85	13.4	6.0	9.7	—	20.4	11	−2.6	21	—	—	22	47	9	31	10	4	—	—	—	—	—	1	—	—	—	—	—	-
Woburn	89	13.3	6.1	9.7	−0.6	20.0	10	−0.5	22	11.7	13.4	31	60	13	31	11	7	0	0	0	0	2	2	5	—	0	2.48	77	-
Hertfordshire																														
Aldenham School	91	13.7	6.4	10.1	—	19.0	10	−0.5	21	11.0	—	21	—	10	29	12	4	0	0	0	0	0	1	6	2	0	—	—	-
Rothamsted	128	13.1	6.2	9.7	−0.5	19.5	10	−0.8	21	11.8	12.9	29	48	9	29	12	7	0	0	0	0	3	1	12	—	0	2.97	92	-
Stanstead Abbotts	30	(14.3)	(6.4)	10.3	—	20.6	10	(−1.0)	21	—	—	17	—	7	29	11	5	—	0	—	—	—	2	—	—	—	—	—	-
Essex																														
Clacton-on-Sea	16	13.6	8.3	10.9	−0.8	17.7	2	2.3	21	13.3	13.9	13	30	5	29	10	4	0	0	0	0	0	0	0	—	2	3.33	87	-
Halstead	70	13.6	6.8	10.2	—	20.2	10	1.3	21	12.0	13.1	19	—	7	31	13	3	0	0	0	0	0	0	—	—	0	—	—	-
Rettendon	16	14.3	7.0	10.7	—	19.2	10	0.4	21	—	—	14	—	5	29	8	5	0	0	0	0	2	0	9	—	0	3.03	—	-
Shoeburyness																														
Landwick (A)	2	14.2	7.7	10.9	—	18.9	14	0.5	22	—	—	13	—	3	29	10	6	—	—	—	—	—	0	—	—	—	—	—	-
Southend	2	14.2	7.3	10.7	—	19.1	3	0.8	22	—	—	8	—	3	29	6	4	0	0	0	0	3	0	—	—	0	—	—	-
Stansted (A)	101	13.8	6.6	10.2	−0.3	20.8	10	−0.3	21	11.2	—	19	33	7	29	11	5	0	0	0	0	3	1	5	—	0	—	—	-
Writtle	35	14.2	6.1	10.1	−0.6	19.6	10	−1.6	23	12.3	—	19	39	8	29	8	6	0	0	0	0	1	3	10	—	1	3.27	98	-
4 MIDLAND COUNTIES																														
West Yorkshire																														
Bradford	134	—	7.0	—	—	—	—	0.0	21	11.6	12.9	65	90	18	29	15	11	0	0	0	0	3	0	4	—	0	2.19	82	-
Bramham	54	12.9	7.2	10.1	+0.3	18.4	11	−0.2	21	—	—	52	—	17	29	15	9	0	0	0	0	3	1	4	1	3	2.49	(87)	-
Emley Moor	259	11.6	6.6	9.1	—	17.0	13	0.5	19	—	—	38	—	9	31	13	8	—	0	—	—	—	0	3	—	—	—	—	-
Holme Moss	520	9.1	5.0	7.1	—	13.9	13	−0.8	19	—	—	115	—	21	17	22	11	0	0	0	1	0	10	1	—	—	4	—	-
Leeds Weather Centre (X)	62	13.2	8.2	10.7	—	18.9	11	1.0	21	—	—	39	—	10	29	14	7	0	—	0	0	0	0	0	—	—	3	2.51	—	-
Wilsden (A)	262	11.1	6.1	8.6	—	17.0	11	0.2	19,20	—	—	81	—	19	29	21	11	0	0	0	2	0	6	0	6	4	1	—	—	-
South Yorkshire																														
Finningley (A)	10	13.7	7.2	10.5	—	19.3	11	0.8	21	11.5	—	29	—	11	29	12	7	0	0	0	0	0	0	0	4	1	1	2.69	—	-
Sheffield, Weston Park	131	12.9	7.7	10.3	−0.2	18.4	11	0.7	21	11.8	13.3	54	85	14	31	14	12	0	0	0	0	—	0	—	—	0	2.20	77	S
Derbyshire																														
Ashover	178	12.5	6.9	9.7	—	18.6	11	0.2	21	—	—	60	—	17	31	14	9	0	0	1	0	0	4	0	6	—	1	—	—	-
Buxton	307	10.9	6.2	8.5	−0.2	17.3	11	−1.5	20	9.7	11.5	111	99	28	17	17	11	1	0	0	2	1	3	1	3	—	0	2.60	104	S
Wingerworth	116	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
Nottinghamshire																														
Clarborough	21	13.8	6.9	10.3	—	19.7	13	−1.9	21	11.5	12.9	33	—	15	31	10	5	—	0	—	—	—	0	1	4	—	—	2.63	—	S
Keyworth	69	13.1	7.3	10.2	—	19.5	11	−0.8	21	—	—	37	—	18	31	11	5	0	0	0	0	2	1	8	—	1	—	—	-
Southwell	70	12.8	7.1	9.9	—	18.5	12	0.8	21	11.8	13.1	38	—	18	31	8	7	—	0	—	—	—	2	0	4	—	—	2.55	—	S
Sutton Bonington	48	13.5	6.9	10.2	0.0	20.2	11	−1.3	21	11.6	12.6	35	74	16	31	12	5	0	0	0	0	0	1	8	3	1	2.81	94	-
Warsop	46	13.6	6.5	10.1	+0.3	19.1	11	−2.4	21	—	—	43	87	16	31	13	7	0	0	0	1	0	1	1	6	—	0	2.69	91	-
Nottingham W.C. (A)	117	13.0	7.3	10.1	−0.1	19.0	11	−0.4	21	11.0	—	45	79	17	31	13	8	0	0	0	0	0	1	1	4	1	0	2.82	106	-
Wiseton	6	13.5	5.7	9.6	—	19.0	11	−3.0	21	—	—	30	—	13	29	10	6	0	0	0	0	0	1	2	—	—	0	2.76	—	-
Staffordshire																														
Cellarhead	228	11.8	6.2	9.0	—	18.9	11	0.4	19	—	—	67	—	16	29	17	10	0	0	—	—	—	—	0	6	3	—	—	—	-
Keele (A)	179	12.3	7.1	9.7	0.0	19.3	11	1.1	19	10.6	12.4	54	78	14	29	16	9	0	0	0	0	3	0	4	2	0	3.02	106	-
Penkridge	101	13.2	(7.2)	10.2	+0.4	20.0	11	1.2	20	—	—	37	67	12	31	12	8	0	0	0	0	4	0	4	—	0	2.19	—	-
Leicestershire																														
Brooksby Hall	70	13.1	5.8	9.5	—	20.0	11	−3.5	21	10.9	—	29	—	11	31	10	6	0	0	0	0	7	2	10	—	0	2.60	—	-
Caldecott	53	13.5	6.2	9.9	0.0	20.2	11	−2.4	21	—	—	27	60	11	29	9	5	0	0	0	0	5	1	7	—	0	2.52	83	-
Cottesmore	138	12.8	6.7	9.7	—	19.6	11	−1.0	21	—	—	27	—	13	29	11	5	—	—	—	—	—	1	—	—	—	—	—	-
Newtown Linford	119	13.1	6.2	9.7	−0.1	19.8	11	−2.5	21	—	—	46	89	16	31	16	6	0	0	0	0	2	1	7	—	0	2.65	90	S
Shropshire																														
Edge	126	12.8	6.7	9.7	—	19.4	11	0.1	27	—	—	43	—	12	31	16	9	0	0	0	0	5	0	7	—	1	—	—	-
Ludlow College	107	(12.9)	6.7	9.8	—	19.1	11	0.5	19	—	—	57	—	13	7	15	8	0	0	0	1	0	—	0	—	—	0	—	—	-
Nethercott	150	12.6	6.4	9.5	—	19.0	11	−0.1	23	—	—	45	—	10	31	13	9	0	0	0	0	0	5	1	7	—	0	—	—	-
Newcastle-on-Clun	210	12.3	5.9	9.1	—	17.7	13	−0.5	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	-
Oswestry School	139	12.5	6.2	9.3	—	17.8	11	2.9	27	—	—	68	—	12	17	18	12	0	0	0	1	0	1	0	—	—	1	—	—	-
Pennerley	357	10.7	5.1	7.9	—	17.0	11	0.1	21	—	—	55	—	12	31	24	15	0	0	1	0	0	6	0	4	—	0	—	—	-
Preston Montford	67	(13.4)	—	—	—	19.5	11	—	—	11.6	12.6	36	—	10	31	16	9	0	0	0	0	0	6	—	3	—	0	2.88	—	S
Shawbury (A)	72	13.1	6.8	9.9	−0.1	20.2	11	0.8	6	11.6	—	49	86	14	31	13	7	0	0	0	1	0	2	0	4	1	0	2.80	99	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of * 1951-80 average	Exposure
4 MIDLAND COUNTIES - Continued																														
West Midlands																														
Birmingham Elmdon Airport (A)	98	13.1	6.8	9.9	-0.1	20.2	11	2.2	19	11.9	–	47	90	16	31	15	7	0	0	0	0	1	0	8	0	0	2.89	94	-
Winterbourne	140	12.6	7.0	9.8	–	19.4	11	0.6	20	11.9	12.9	47	–	15	31	17	11	0	0	0	0	7	0	8	2	1	2.79	–	-
Halesowen	155	13.0	6.6	9.8	-0.3	20.0	11	1.3	19	11.3	13.1	51	88	14	31	17	10	0	0	0	0	5	0	5	2	0	2.75	89	S
Walsall	163	12.8	7.1	9.9	-0.2	19.5	11	1.0	20	–	–	45	–	17	31	15	10	0	0	0	0	–	0	4	–	0	–	–	-
Warwickshire																														
Coventry (Bablake)	93	13.3	7.4	10.3	–	19.8	11	2.0	19	12.1	13.3	46	–	17	31	16	7	0	0	0	0	3	0	5	0	0	2.50	–	-
Rugby	117	12.9	6.9	9.9	(-0.3)	19.4	11	0.3	21	11.3	12.8	37	73	11	31	15	6	0	0	0	0	–	0	5	1	0	–	–	-
Stratford-upon-Avon	49	13.4	6.2	9.8	-0.5	20.3	11	-0.2	21	12.1	–	41	86	13	29	14	8	–	0	–	–	7	1	10	–	–	2.32	78	-
Wellesbourne	47	13.4	6.9	10.1	-0.2	20.4	11	1.0	19	11.4	12.8	35	76	16	31	15	6	0	0	0	0	4	0	11	0	0	2.72	87	-
Northamptonshire																														
Moulton Park	122	13.0	6.3	9.7	–	19.5	11	0.0	21	11.7	13.2	32	–	13	31	14	7	0	0	0	0	–	0	6	–	0	2.49	–	S
Raunds	59	13.5	6.2	9.9	-0.4	20.5	11	-2.3	21	11.4	13.3	24	50	8	31	11	6	0	0	0	0	3	1	9	–	0	–	–	S
Hereford & Worcester																														
Astwood Bank	139	12.7	6.8	9.7	–	19.4	11	1.1	20	–	–	51	–	15	29	17	11	0	0	0	0	10	0	6	–	0	–	–	-
Barbourne	25	13.9	7.0	10.5	–	20.8	11	1.2	19	–	–	43	–	14	31	12	10	0	0	0	0	2	0	6	–	0	–	–	-
Batchley Farm	247	11.5	6.4	8.9	–	17.5	11	0.9	19	11.1	–	62	–	16	31	14	11	0	0	0	0	5	0	7	–	0	–	–	-
Great Malvern	44	13.8	7.8	10.8	–	19.9	11	2.2	19	–	–	51	–	15	31	14	11	0	–	–	–	–	0	–	–	–	–	–	-
Lyonshall	155	12.4	6.5	9.5	-0.4	18.0	11	1.5	19	–	–	78	109	17	9	19	11	–	–	–	–	–	0	7	–	–	–	–	-
Madley	77	13.1	6.7	9.9	–	19.0	11	1.3	6	–	–	75	–	16	31	16	12	0	0	0	0	1	2	0	4	–	0	–	–	S
Malvern	62	13.4	7.8	10.6	-0.2	20.1	11	2.4	19	12.0	13.6	51	94	15	31	16	11	0	0	0	1	0	3	0	7	–	0	2.18	72	S
Pershore College of Hort	40	13.3	6.1	9.7	-1.1	20.5	11	-1.5	21	–	–	45	96	15	31	16	8	0	0	0	0	4	3	4	–	2	2.01	62	S
Preston Wynne	84	(12.9)	(6.6)	9.7	-0.2	19.0	11	-0.4	19	–	–	43	79	13	31	13	9	0	0	0	0	0	–	1	7	–	0	(2.27)	75	-
Ross on Wye	67	13.5	7.3	10.4	-0.2	19.5	11	1.2	19	12.2	–	61	106	18	31	16	12	0	0	0	0	5	0	4	–	0	2.69	90	-
Gloucestershire																														
Cheltenham	65	14.1	7.6	10.9	-0.1	20.9	11	1.4	6	–	14.5	69	147	18	31	17	14	0	0	0	0	1	0	–	–	2	2.18	67	-
Cirencester	135	(12.8)	(6.7)	9.7	–	19.3	11	0.0	20	(11.6)	–	55	–	15	31	15	11	0	0	0	0	–	0	13	–	0	–	–	-
Didbrook Fields	80	13.0	6.8	9.9	–	19.6	11	-1.0	19	–	–	43	–	16	31	18	7	0	0	0	1	0	9	1	–	–	0	–	–	-
Randwick	200	11.9	6.4	9.1	–	18.8	11	0.8	20	11.4	–	67	–	16	31	18	12	0	0	0	0	0	3	0	11	–	0	–	–	-
Slimbridge	5	13.5	7.0	10.3	–	20.3	11	0.0	19	–	–	65	–	17	31	13	9	0	0	0	0	5	0	8	–	0	–	–	-
Westonbirt	122	12.7	6.3	9.5	–	19.2	11	-0.5	20	12.2	13.6	63	–	14	31	17	9	0	0	0	1	3	1	6	–	1	2.53	–	S
Oxfordshire																														
Benson (A)	67	13.3	7.0	10.1	–	19.7	10	-0.8	19	–	–	37	69	11	29,31	15	6	–	–	–	–	–	1	–	–	–	–	–	-
Brize Norton (A)	81	13.3	6.9	10.1	-0.4	20.2	11	-0.2	22	11.5	–	34	–	10	29	12	8	0	0	0	0	2	1	6	3	0	2.55	–	-
Oxford (A)	63	13.4	7.3	10.3	-0.6	19.6	11	0.3	22	11.8	13.5	34	63	13	29	15	4	0	0	0	0	6	0	6	2	0	2.56	78	-
Shirburn (Model Farm)	108	13.3	6.5	9.9	–	20.4	10	-0.6	19	11.3	12.9	38	–	13	31	17	6	0	0	0	0	4	2	8	–	0	–	–	-
Wallingford	48	13.7	6.4	10.1	(-0.4)	20.3	10,11	-1.8	21	11.7	13.1	39	–	11	29	12	7	0	0	0	0	–	4	8	–	0	2.42	(75)	S
Buckinghamshire																														
Grendon Underwood	67	(13.5)	(4.9)	9.2	-0.7	20.0	10	-3.2	21	(11.3)	–	32	59	11	29,31	11	6	–	0	–	–	–	5	9	–	–	–	–	-
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	14.5	6.8	10.7	(-0.9)	19.8	10	0.5	21	–	–	15	30	7	29	8	4	0	0	0	0	1	0	3	–	0	2.83	88	-
Hampstead	137	13.5	7.6	10.5	-0.4	19.2	11	1.1	21	–	–	22	–	7	29	11	4	0	0	0	0	1	0	6	–	0	–	–	-
Heathrow Airport (A)	25	14.6	7.6	11.1	-0.3	20.7	11	1.5	21,22	–	–	19	33	7	29	10	4	0	0	0	0	3	0	6	2	0	2.81	83	-
Kew Royal Botanic Gardens	6	14.5	6.9	10.7	–	20.7	4	-1.5	21	11.5	13.1	19	35	6	29	11	4	0	0	0	0	1	2	7	5	0	2.85	–	S
London Weather Centre (A) (X)	77	14.7	9.4	12.1	–	20.6	10	3.9	19,21	–	–	14	–	6	29	9	4	0	–	0	0	0	2	0	–	–	0	3.00	–	-
Northolt	34	14.4	7.1	10.7	–	20.3	11	-1.3	21	–	–	17	–	7	29	11	4	0	0	0	0	1	2	7	2	0	–	–	-
Northwood	85	13.7	7.1	10.4	–	19.7	10	0.6	21	–	–	22	–	9	29	9	4	0	0	0	0	1	0	–	–	0	–	–	-
St James's Park	9	14.5	8.7	11.6	-0.4	19.7	10	1.7	21	12.9	14.5	18	34	8	29	10	4	–	0	–	–	–	0	6	–	–	–	–	-
Waltham Cross	32	14.1	–	–	–	20.3	10	–	–	11.7	–	23	–	9	29	13	6	–	0	–	–	–	–	5	–	–	–	–	S
Wiltshire																														
Boscombe Down (A)	126	13.1	7.0	10.1	-0.5	19.5	11	-0.4	22	–	–	62	95	13	29	16	11	–	–	–	–	–	1	–	–	–	–	–	-
Lacock	49	13.6	6.8	10.2	-0.1	20.1	11	-0.8	22	–	–	56	96	13	31	16	9	0	0	0	0	3	1	4	–	1	–	–	-
Larkhill	132	13.1	6.8	9.9	-0.6	19.6	11	-0.6	22	–	–	62	–	15	29	18	12	–	–	–	–	–	1	–	–	–	–	–	-
Lyneham (A)	145	12.8	6.9	9.9	-0.4	19.5	11	1.1	19,20, 22	–	–	62	106	14	31	16	9	0	0	0	0	4	0	7	3	0	2.69	80	-
Marlborough	129	13.4	6.1	9.7	-0.1	19.5	11	-1.3	22	12.1	–	53	74	12	29	16	9	0	0	0	0	3	2	–	–	0	2.54	(81)	S
Netheravon	129	12.9	6.3	9.6	–	19.4	11	-0.2	22	–	–	52	–	14	29	14	11	–	–	–	–	–	1	–	–	–	–	–	-
Berkshire																														
Arborfield	49	13.6	6.3	9.9	–	20.0	11	-2.0	22	–	–	35	–	10	29	13	7	0	0	0	0	7	3	7	–	0	2.81	–	-
Easthampstead	74	13.4	6.5	9.9	–	20.0	11	-1.0	21	11.3	12.6	29	–	11	29	12	6	0	0	0	0	2	4	7	6	0	2.60	–	-
Hurley	43	13.5	6.6	10.1	-0.4	19.7	10	0.7	22	11.0	–	37	59	10	31	15	9	0	0	0	0	2	0	5	–	0	2.65	84	S
Lambourn (Warren Farm)	192	12.5	6.4	9.5	–	18.9	11	1.3	19	11.3	–	42	–	14	29	13	9	–	0	–	–	–	0	–	–	–	–	–	-
Reading	66	13.6	7.3	10.5	–	20.0	11	1.1	22	11.9	13.3	42	–	13	13	11	5	0	0	0	0	7	0	9	4	0	2.60	–	S
Surrey																														
Merrist Wood	45	(14.0)	(5.0)	9.5	–	21.0	11	-2.2	22	(11.4)	–	27	–	9	29	9	6	0	0	0	0	0	–	3	12	–	0	(2.45)	–	S
Mickleham	55	14.7	4.4	9.5	-0.8	21.0	13	-2.5	21	12.1	13.7	37	54	17	29	11	7	0	0	0	0	4	5	10	7	0	–	–	-
Wisley	32	14.3	6.9	10.6	-0.2	20.5	11,13	-1.3	22	11.4	13.2	23	39	9	29	11	6	0	0	0	0	10	3	7	–	0	2.77	81	-
Kent																														
Anvil Green	139	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Charing	91	14.0	7.0	10.5	–	20.2	11	1.7	23	–	–	28	–	14	29	10	5	–	–	–	–	–	0	–	–	–	–	–	-
East Malling (A)	33	14.3	6.6	10.5	-0.3	20.9	11	0.0	23	11.9	13.6	25	42	9	29	11	6	–	0	–	–	–	1	0	6	4	–	3.31	90	-
Edenbridge	45	14.2	4.7	9.5	–	20.2	11	-2.6	22	–	–	36	–	12	29	10	6	0	0	0	0	0	3	–	–	0	–	–	S
Elmstone	5	15.0	5.3	10.1	–	20.7	14	0.5	7	–	–	34	–	9	30	7	7	0	0	0	0	0	0	–	–	0	–	–	-
Folkestone	31	14.4	8.0	11.2	–	19.5	10	2.0	7	–	14.4	29	–	15	29	9	4	0	0	0	0	0	0	1	–	0	4.25	104	-
Goudhurst	85	14.0	6.0	10.0	-0.5	20.0	11	-0.7	21	–	–	39	50	18	29	9	5	0	0	0	0	0	2	9	–	0	–	–	-
Hadlow College	27	14.3	5.5	9.9	–	20.1	11	-0.9	7	11.6	–	24	–	11	29	10	5	0	0	0	0	1	3	–	–	0	2.39	–	-
Herne Bay	27	13.8	8.2	11.0	–	19.3	10	2.8	22	12.4	14.0	27	–	8	5	12	6	0	0	0	0	1	0	1	0	0	3.70	–	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets, etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																														
Kent - Continued																														
Manston (A)	44	13.9	7.8	10.9	-0.6	19.7	10	3.3	22	12.5	–	32	55	10	29	9	6	0	0	0	0	0	1	0	1	0	0	3.58	–	–
Margate, North Down	40	14.0	8.7	11.3	–	19.0	10	4.4	7	12.8	14.3	26	–	8	5	9	8	0	0	0	0	0	0	0	1	–	0	–	–	–
Ulcombe	47	14.3	6.6	10.5	–	20.2	11	0.4	21	–	–	23	–	13	29	9	5	0	0	0	0	0	1	0	8	3	0	3.19	–	–
Wye	56	14.1	6.7	10.4	-0.5	21.3	10	1.0	23	12.4	13.6	33	44	15	29	9	5	0	0	0	0	0	1	0	11	–	0	3.62	96	–
Hampshire																														
Alice Holt Lodge	115	13.3	5.9	9.6	-0.7	20.2	11	-0.4	22	–	–	46	63	15	29	12	8	0	0	1	0	0	1	2	11	–	0	2.56	76	–
Butser, Windmill Hill	160	13.6	6.6	10.1	–	19.4	11	-2.0	19	11.2	12.7	69	–	19	29	13	9	0	0	0	0	0	0	2	8	–	0	–	–	–
Everton	16	14.0	8.1	11.1	-0.5	18.7	11	-0.6	22	–	–	63	84	19	29	15	11	0	0	0	1	0	0	1	5	–	0	3.05	77	–
Hayling Island	4	14.1	(9.1)	11.6	-0.4	18.9	11	1.9	21	–	–	50	80	18	29	13	7	0	0	0	0	0	0	0	–	–	0	3.34	82	–
Kingsclere, Strattons Farm	102	13.1	6.5	9.8	–	19.3	11	-1.0	22	–	–	50	–	15	29	15	11	0	0	0	0	0	3	2	7	–	0	–	–	–
Leckford	117	13.2	6.8	10.0	-0.5	19.4	11	-0.2	21	11.2	–	58	74	16	29	14	12	0	0	0	0	0	5	1	–	–	0	2.65	79	–
Long Sutton	145	12.7	6.2	9.5	(-0.9)	19.1	11	0.2	19,20	11.7	13.6	49	66	13	29	14	8	0	0	0	1	0	5	0	4	4	0	2.49	75	–
Martyr Worthy	84	–	–	–	–	–	–	–	–	–	–	56	–	16	29	14	11	0	0	0	0	0	–	–	–	–	0	–	–	–
Middle Wallop	90	13.5	7.4	10.5	–	20.0	11	0.5	21,22	–	–	57	–	18	29	17	11	–	–	–	–	–	–	0	–	–	–	–	–	–
Odiham	118	13.1	7.1	10.1	–	21.0	11	1.5	21	–	–	42	–	12	29	14	8	0	0	0	0	0	3	0	5	1	0	2.48	–	–
Otterbourne	34	14.1	6.7	10.4	–	19.4	10	-0.8	21	(12.3)	(14.3)	55	–	15	29	13	10	–	0	–	–	–	–	2	(4)	–	–	–	–	–
Solent M R S C	9	14.4	9.0	11.7	–	19.6	11	1.8	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Southampton																														
Mayflower Park	3	14.5	8.3	11.4	–	20.1	11	1.3	22	12.9	14.5	77	–	23	9	13	9	0	–	0	0	0	1	0	4	3	0	2.67	–	S
Weather Centre (X)	19	14.7	8.3	11.5	–	20.4	11	1.5	21	–	–	80	–	27	9	13	10	0	–	0	0	0	1	0	–	1	0	–	–	–
South Farnborough	69	13.8	6.4	10.1	-0.6	20.6	11	-1.7	22	–	–	30	–	12	29	11	7	–	–	–	–	–	–	3	–	–	–	–	–	–
Southsea	2	14.2	9.2	11.7	-0.7	18.6	11	2.3	21	13.2	14.4	57	90	16	29	13	7	0	0	0	0	0	0	0	3	–	0	3.15	80	–
Sparsholt	113	13.2	6.9	10.1	–	19.5	11	0.5	22	–	–	65	78	18	29	16	12	0	0	0	0	0	3	0	6	–	0	(2.56)	–	S
Isle of Wight																														
Ryde	4	14.0	9.6	11.8	-0.4	17.9	11	3.7	21	–	–	55	77	17	29	15	9	0	0	0	0	0	0	0	–	–	0	3.17	83	–
St Catherines Point	16	14.2	10.0	12.1	–	18.1	11	3.3	19	–	–	63	93	15	29	14	11	0	0	0	0	0	0	0	–	–	2	–	–	–
Sandown	4	14.1	8.6	11.3	-1.1	17.8	11	2.0	22	–	–	59	–	15	5	12	10	0	0	0	0	0	0	0	–	–	0	3.24	79	–
Shanklin	55	13.8	8.1	10.9	-1.0	18.2	11	1.6	19,22	–	–	64	73	18	29	14	10	0	0	0	0	0	2	0	–	–	0	3.31	80	–
Ventnor Park	135	14.2	9.3	11.7	-0.8	18.3	11	2.1	19	12.9	–	56	71	13	5	13	12	0	0	0	1	0	–	0	–	–	0	3.37	81	–
Wellow	25	14.1	7.8	10.9	–	19.2	11	0.3	22	–	–	77	–	19	29	19	10	–	–	–	–	–	–	0	5	–	–	–	–	–
West Sussex																														
Bognor Regis	7	13.6	9.0	11.3	-0.6	17.1	11	2.3	21	–	14.3	54	80	18	29	11	6	0	0	0	1	0	0	0	1	–	0	3.75	89	–
Gatwick Airport (A)	59	14.0	6.3	10.1	-0.3	20.7	11	-1.5	22	13.0	–	47	67	15	29	10	8	0	0	0	0	0	2	3	7	4	0	2.99	84	–
Rogate	64	13.8	6.3	10.1	–	20.2	11	0.2	23	12.1	–	72	–	20	29	10	10	0	0	0	0	0	3	0	5	–	0	2.52	–	S
Rustington	3	14.3	7.9	11.1	–	19.6	11	0.3	21	–	13.9	67	–	19	29	10	8	0	0	0	0	0	0	0	5	–	0	3.68	–	–
Worthing	2	14.1	8.0	11.1	–	18.8	11	0.6	21	12.5	–	64	–	20	11	8	5	0	0	0	0	0	0	0	5	–	0	3.49	84	–
East Sussex																														
Bexhill	4	14.2	8.6	11.4	-0.7	19.0	11	0.7	21	11.8	14.1	36	49	19	29	11	8	0	0	0	0	0	0	0	3	–	0	2.88	72	–
Brede	82	–	–	–	–	–	–	–	–	–	–	43	–	22	29	11	5	–	–	–	–	–	–	–	–	–	–	–	–	–
Brighton	116	14.2	8.2	11.2	–	19.6	11	1.6	19	–	–	48	–	20	29	8	5	0	0	0	0	0	2	0	2	–	0	–	–	–
Eastbourne	7	14.5	9.3	11.9	-0.3	18.5	11	3.3	19	12.7	14.8	43	54	18	29	10	7	0	0	0	0	0	0	0	1	–	0	3.77	91	–
East Hoathly	38	14.4	5.7	10.1	–	19.5	11	-2.6	22	–	–	47	–	19	29	10	7	0	0	–	–	–	–	4	9	5	–	3.08	–	–
Hastings	45	14.3	9.1	11.7	-0.5	19.0	10,11	2.7	19	12.7	14.3	36	49	22	29	9	6	0	0	0	0	0	0	0	1	0	0	3.76	92	–
Herstmonceux (A)	17	14.2	7.0	10.6	–	19.0	11	-0.5	22	–	–	40	–	19	29	9	7	0	0	0	0	0	0	1	5	5	0	3.57	–	–
Plumpton	76	14.2	7.4	10.8	–	19.0	11	0.3	19	–	–	65	69	26	29	9	6	0	0	0	0	0	2	0	5	–	0	3.60	–	–
7A ENGLAND NW & I.o.M.																														
Cumbria																														
Aspatria	61	12.1	6.3	9.2	–	17.8	11	-0.3	19	–	–	122	–	22	15	16	12	0	0	0	0	0	3	2	5	–	3	2.62	–	–
Carlisle (A)	26	12.2	6.6	9.4	-0.7	17.0	11	-0.2	19	–	–	82	100	19	7	14	13	–	–	–	–	–	–	1	–	–	–	–	–	–
Casterton	129	12.1	6.4	9.3	–	20.4	11	-0.4	20	–	–	113	–	24	15	13	12	0	0	0	1	0	1	1	5	–	0	–	–	–
Eskmeals (A)	8	13.3	7.9	10.6	–	22.9	11	0.9	19	11.6	13.0	161	–	32	31	17	14	0	–	0	0	0	1	0	6	1	1	–	–	–
Grizedale	91	12.2	5.4	8.8	–	20.2	11	-1.2	21	11.1	–	241	134	47	15	17	16	0	0	0	0	0	0	2	11	–	0	–	–	–
Newton Rigg	171	11.7	6.0	8.9	-0.4	20.1	11	0.0	20	10.0	–	129	147	23	31	17	14	0	0	0	0	0	6	0	7	–	2	2.10	73	S
Sellafield (A)	22	13.5	(7.6)	10.5	–	24.2	11	2.5	20,21	–	–	143	–	31	7	14	14	–	0	–	–	–	2	0	3	–	–	2.29	–	–
Stainburn	26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whins Pond	125	–	–	–	–	–	–	–	–	–	–	116	–	22	31	17	13	–	–	–	–	–	–	–	–	–	–	–	–	–
Lancashire																														
Aughton (A)	54	12.9	8.1	10.5	–	20.1	11	2.9	19	11.3	12.7	74	–	21	31	16	11	0	0	0	1	0	2	0	2	0	0	2.83	–	–
Hazelrigg	95	12.4	7.0	9.7	–	20.3	11	1.3	19	10.5	11.8	111	–	24	29	15	12	0	0	0	0	0	2	0	4	2	5	2.57	–	–
Lathom Park	55	13.0	7.5	10.3	–	19.8	11	2.5	19	11.8	–	78	–	20	31	16	10	0	0	2	0	0	–	0	–	–	7	2.76	–	S
Morecambe	7	13.0	8.1	10.5	-0.4	21.3	11	2.0	20	–	–	130	132	28	7	14	12	0	0	0	0	0	0	0	–	–	4	2.89	96	–
Myerscough	14	13.6	7.5	10.5	–	19.5	11	-0.9	20	11.9	13.4	102	–	19	29	14	11	0	0	0	0	0	–	1	3	–	4	2.51	–	S
Preston	33	12.9	7.5	10.2	-0.4	19.2	11	-0.3	20	–	–	101	102	23	31	16	11	0	0	0	0	0	2	1	2	–	0	–	–	–
Slaidburn	192	11.7	5.9	8.8	-0.4	18.1	11	-1.4	21	–	–	123	82	26	29	16	11	–	0	–	–	–	–	1	9	–	–	2.54	94	S
Squires Gate Airport (A)	10	13.3	8.4	10.9	+0.2	20.5	11	2.6	21	–	–	101	117	21	7	18	12	0	0	0	0	0	4	0	2	0	0	2.82	89	–
Merseyside																														
Aigburth (A)	12	13.5	8.6	11.1	–	21.3	11	3.7	20	–	–	69	–	18	31	16	12	0	0	0	2	0	3	0	1	0	0	–	–	–
Bidston	60	13.0	9.0	11.0	–	20.6	11	5.6	19	–	–	63	98	18	31	14	11	0	0	1	0	0	1	0	0	–	3	2.72	–	S
Crosby	6	13.4	8.4	10.9	–	20.6	11	0.6	27	–	–	72	–	20	31	18	14	0	–	1	0	0	0	0	–	–	4	–	–	–
Southport, Greenbank	15	13.1	8.0	10.5	–	20.5	12	4.0	21	11.3	12.4	71	–	20	31	14	8	0	0	0	0	0	0	0	0	0	0	2.55	–	–
Greater Manchester																														
Bolton	107	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Manchester Ringway Airport (A)	75	13.4	7.4	10.4	-0.1	21.0	11	-0.3	20	–	–	70	101	14	29	15	9	1	0	0	2	1	1	1	2	2	0	2.85	93	–
Cheshire																														
Bradeley Green	115	12.5	6.9	9.7	–	19.2	11	2.1	19	–	–	61	–	15	29	18	11	0	0	1	0	0	–	0	0	–	2	–	–	–
Delamere Forest	68	(13.5)	(6.7)	10.1	–	17.5	10,11	0.2	20	–	–	65	–	13	31	16	11	0	0	0	0	0	–	0	2	–	0	–	–	–
Knutsford	65	13.2	6.9	10.1	(-0.2)	20.8	11	-0.2	20	12.6	13.7	70	–	15	29	16	9	1	0	0	0	1	–	1	2	–	3	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall (09 to 09 GMT) Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg.C	Concrete min. below 0 deg.C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of 1951-80 average*	Exposure
7A ENGLAND NW & I.o.M. - Continued																														
Cheshire - Continued																														
Macclesfield	143	(12.7)	(6.3)	9.5	-0.6	20.0	11	-0.7	20	–	–	73	92	15	17	15	12	0	0	0	0	0	–	2	–	–	0	–	–	–
Nantwich, Reaseheath Hall	40	13.8	6.7	10.3	–	21.0	11	1.0	19	–	–	66	–	13	29	15	12	0	0	0	0	0	3	0	2	–	0	–	–	–
Ness Gardens	30	13.6	7.8	10.7	–	21.5	11	3.6	27	11.4	–	68	–	18	31	15	12	0	0	1	0	0	3	0	2	–	3	2.82	–	S
Isle of Man																														
Douglas	85	12.3	8.2	10.3	-0.4	19.1	11	4.2	19	–	–	147	124	31	30	21	15	0	0	0	0	0	3	0	0	–	5	2.05	67	–
Point of Ayre (A)	9	12.9	8.9	10.9	-0.5	16.3	4	4.5	18	–	–	142	165	44	31	17	11	0	0	0	0	0	1	0	–	–	5	2.77	89	–
Ronaldsway Airport (A)	16	13.4	9.0	11.2	+0.1	20.3	11	5.0	17	11.4	–	106	115	30	31	23	14	0	0	0	1	0	0	0	0	0	3	2.96	96	–
7B WALES N																														
Gwynedd																														
Aber	10	13.7	8.4	11.1	–	20.0	11	4.0	27	11.5	–	158	–	31	7	20	16	0	0	0	1	0	0	0	–	–	0	2.61	–	S
Amlwch, Anglesey	114	12.4	8.2	10.3	–	17.4	11,12	5.2	18	–	–	119	–	25	31	17	15	0	0	0	1	0	–	0	2	–	3	–	–	–
Arthog, Fegla Fach Farm	7	13.8	7.8	10.8	–	19.6	11	1.9	19	–	–	140	–	40	7	18	15	0	0	0	0	0	0	0	–	–	0	–	–	–
Bala	163	12.3	5.6	8.9	–	18.3	11	-0.9	27	11.4	12.6	148	126	30	31	18	17	0	0	2	0	0	3	2	–	2	0	2.07	–	–
Betws-y-Coed	20	12.8	6.3	9.5	–	18.5	11	0.2	27	11.4	12.4	153	–	28	17	21	16	0	0	1	0	0	0	0	3	4	0	–	–	–
Botwnnog	34	(13.7)	(7.9)	10.8	–	19.5	11	4.4	29	12.5	13.6	131	–	22	7	16	14	0	0	0	0	0	–	0	4	–	7	–	–	–
Dinorwic	296	11.2	6.7	8.9	–	19.4	11	2.5	19	–	–	258	–	48	7	22	18	2	0	0	0	0	0	0	0	–	9	–	–	–
Llanymawddwy	145	12.4	5.9	9.1	–	18.2	11	-0.7	27	–	–	187	–	39	7	19	15	2	0	0	1	0	0	2	5	–	1	–	–	–
Nantmor	58	13.6	7.5	10.5	–	19.6	11	3.0	23,27	–	–	212	–	45	7	19	16	0	0	2	0	0	0	0	–	–	0	–	–	–
Pen-y-Ffridd	84	13.7	8.1	10.9	-0.3	19.8	11	3.8	27	–	–	139	123	37	7	21	16	0	0	0	0	0	0	0	4	–	1	2.65	84	S
Trawsfynydd (A)	193	12.1	6.5	9.3	–	18.8	11	2.2	27	–	–	177	–	35	7	20	14	0	0	0	1	0	0	0	3	2	0	–	–	–
Valley (A)	10	13.6	8.7	11.1	-0.5	19.7	11	3.9	27	12.5	–	101	114	27	31	18	13	0	0	0	1	0	1	0	0	0	1	3.23	96	–
Clwyd																														
Alwen	335	10.9	4.8	7.9	-0.4	16.9	11	-1.2	27	–	–	153	128	30	7	24	17	0	0	1	0	0	0	2	3	–	0	–	–	–
Colwyn Bay	36	13.6	8.2	10.9	–	19.2	11	3.9	27	12.4	–	89	–	23	31	18	16	0	0	0	1	0	0	0	–	–	0	2.90	–	–
Cynwyd	208	–	–	–	–	–	–	–	–	–	–	126	–	26	31	20	16	–	–	–	–	–	–	–	–	–	–	–	–	–
Hawarden Bridge	5	13.9	8.2	11.1	+0.3	20.8	11	1.7	27	–	–	70	115	22	31	16	13	0	0	0	0	0	0	0	–	–	2	–	–	–
Llanarmon Dyffryn Ceiriog	267	11.4	5.5	8.5	–	17.3	11	-0.9	6	–	–	118	–	22	7	23	13	0	0	3	0	0	4	2	–	–	1	–	–	–
Loggerheads	210	12.0	6.1	9.1	-0.2	18.5	11	0.8	27	10.9	12.0	90	113	19	31	19	13	0	0	0	0	0	2	0	3	–	0	2.60	–	S
Moel-y-Crio	263	11.8	6.6	9.2	–	18.2	11	3.0	19,21	11.4	–	83	–	21	17	21	12	0	0	1	0	0	4	0	5	–	0	2.85	–	–
Prestatyn	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ruthin	76	13.6	7.2	10.4	(+0.1)	19.7	11	1.2	27	–	–	90	138	21	20	18	15	0	0	0	0	0	0	0	–	–	0	3.00	–	–
Powys (North)																														
Lake Vyrnwy	360	(11.3)	(5.6)	8.5	–	16.6	11	-0.1	6	–	–	148	–	28	7	22	15	–	0	–	–	–	–	1	–	–	–	–	–	–
Llanfair Caereinion	236	11.8	6.3	9.1	–	17.0	13	0.6	19	11.4	–	87	–	20	7	22	13	0	0	1	0	0	3	0	1	–	2	–	–	–
Machynlleth	76	13.2	5.8	9.5	–	18.5	11	-0.3	19	–	–	162	–	29	7	20	16	0	0	0	0	0	–	1	3	–	0	–	–	–
Moel Cynnedd	358	11.1	4.8	7.9	–	15.9	13	-1.1	19	10.2	–	192	–	27	31	24	18	1	0	0	1	0	–	2	13	–	0	–	–	–
Newtown	120	12.9	–	–	–	18.6	13	–	–	–	–	96	–	22	9	19	13	0	0	0	0	0	–	–	3	–	0	–	–	–
8A WALES S																														
Dyfed																														
Aberporth (A)	134	12.6	8.0	10.3	-0.8	18.5	11	4.6	19	11.7	–	142	–	41	7	16	14	0	0	0	1	0	0	0	0	0	4	2.76	87	–
Brawdy (A)	111	–	7.7	–	–	–	–	3.0	19	–	–	170	147	25	29	20	18	0	0	2	0	0	0	0	2	0	1	3.06	–	–
Carmarthen Museum	9	(14.0)	(5.5)	9.7	–	19.1	13	-1.4	19	–	–	210	–	43	31	20	16	0	0	0	0	0	–	1	(6)	–	0	–	–	–
Cwmystwyth	301	(11.2)	(5.6)	8.4	–	16.6	11	-1.0	19	–	–	(186)	–	34	7	22	18	–	0	–	–	–	–	2	6	–	–	(2.65)	–	S
Dale Fort	33	13.9	9.3	11.6	-0.6	17.5	11	4.7	19	11.7	–	130	157	20	7	22	19	0	0	0	0	1	0	0	0	–	0	3.37	97	–
Gogerddan	31	13.4	7.1	10.3	-0.6	18.8	11	0.5	19	12.4	–	140	–	29	7	19	14	0	0	0	0	2	0	0	3	–	0	3.20	105	–
Milford Haven (A)	37	13.2	8.6	10.9	(-0.9)	17.8	11	4.3	19	–	–	160	–	30	7	20	17	0	0	0	0	1	0	0	0	0	2	–	–	–
Orielton	61	13.1	8.1	10.6	–	17.5	11	4.0	19	12.0	–	178	–	41	7	19	18	0	0	0	0	0	0	0	2	–	0	–	–	–
Rhandirmwyn	168	(12.3)	5.3	8.8	–	17.8	11	-1.0	19,20	–	–	187	–	37	7	20	18	0	0	0	0	0	–	2	–	–	2	–	–	–
Saron	152	12.6	–	–	–	18.3	11	–	–	–	–	210	–	42	7	19	15	0	0	1	0	0	0	–	5	–	2	–	–	–
Scolton Country Park	77	13.1	6.9	10.0	–	18.0	11	2.8	6	–	–	171	–	25	7	20	17	0	0	0	2	0	0	0	3	–	4	–	–	–
Skokholm Island	34	13.3	9.8	11.5	–	17.2	11	5.0	19	–	–	121	–	20	7	19	16	0	0	0	0	0	0	0	–	–	8	–	–	–
St Clears	40	(13.4)	(5.9)	9.7	–	18.6	11	1.0	6	–	–	162	–	29	7	19	15	0	0	0	0	0	–	0	(3)	–	0	–	–	–
Swyddffynnon	168	12.1	6.3	9.2	–	17.3	11	-1.5	19	–	–	144	–	25	31	22	17	0	0	0	0	0	1	2	7	–	1	2.69	–	–
Talgarreg	198	12.2	4.9	8.5	–	17.4	11	-2.4	19	–	–	189	–	33	31	20	18	0	0	1	0	0	0	2	5	–	2	–	–	–
Tenby	5	13.6	7.4	10.5	–	17.3	11	1.1	6	–	–	151	–	30	31	23	14	0	0	0	0	0	0	0	–	–	0	3.48	–	–
Towy Castle	88	12.9	6.7	9.8	–	17.1	13	1.0	19	11.9	13.2	169	–	36	7	18	16	0	0	0	1	1	0	0	4	1	0	3.40	–	S
Whitechurch	129	12.8	6.8	9.8	–	18.5	11	2.3	6	12.3	12.9	218	–	47	7	21	18	0	0	0	1	0	0	0	8	–	2	–	–	–
Powys (South)																														
Bronydd Mawr	330	11.5	5.1	8.3	–	16.3	13	-0.6	19	–	–	168	–	28	9	21	18	0	0	0	0	0	3	1	7	–	0	2.26	–	–
Llangenny	122	13.3	6.2	9.7	–	18.4	11	0.2	21	–	–	126	–	23	9	16	13	0	0	0	0	0	0	0	–	–	0	–	–	–
Llangunllo	310	11.4	5.2	8.3	–	16.3	11	0.9	6	11.0	–	(122)	–	40	9	21	15	0	0	0	0	1	3	0	8	–	0	–	–	–
Llysdinam	200	12.6	6.1	9.3	–	17.5	11	0.3	19	11.9	–	101	–	21	9	16	14	0	0	1	0	0	4	0	7	–	0	–	–	–
Pencelli	160	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Presteigne	175	12.7	4.6	8.7	–	17.8	11	-1.8	19	–	–	103	–	26	7	17	11	0	0	0	1	0	2	3	5	–	0	3.05	–	–
St Harmon	279	–	–	–	–	–	–	–	–	–	–	142	–	28	31	22	15	–	–	–	–	–	–	–	–	–	–	–	–	–
Velindre	152	12.6	6.4	9.5	–	18.2	11	-1.4	19	12.1	13.1	118	–	27	9	18	13	0	0	1	0	1	3	1	7	–	0	–	–	–
West Glamorgan																														
Mumbles Head	35	13.6	9.0	11.3	(-0.5)	17.6	11	2.5	19	–	–	–	–	–	–	–	–	0	0	1	0	0	0	0	1	0	1	–	–	–
Neath	62	14.1	7.0	10.5	-1.1	18.6	11	2.0	19	–	–	169	147	44	7	16	16	0	0	0	0	0	0	0	1	–	0	–	–	–
Penmaen	87	13.4	8.0	10.7	–	17.7	11	1.4	19	12.6	13.8	146	–	29	7	17	12	0	0	0	0	0	0	0	1	1	1	3.18	–	S
Swansea	10	14.1	8.9	11.5	-0.5	19.5	11	2.6	19	12.5	14.9	139	128	33	7	16	15	0	0	0	0	0	0	0	1	0	0	3.16	–	–
Mid Glamorgan																														
Cilfynydd (A)	194	12.0	6.0	9.0	–	17.9	11	-0.2	19	–	–	182	–	30	29	18	14	0	0	0	0	0	0	1	6	1	1	–	–	–
Cwmbargoed	372	11.1	5.8	8.5	–	16.7	11	0.7	6	–	–	179	–	35	29	21	14	0	0	–	–	–	–	0	8	–	–	–	–	–
Porthcawl	6	(14.4)	(8.1)	11.3	–	18.4	11	2.4	23	–	–	112	123	31	29	15	13	–	–	–	–	–	–	0	–	–	–	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine			
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation																
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets, etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
8A WALES S - Continued																														
South Glamorgan																														
Cardiff																														
Bute Park	9	13.6	7.2	10.4	–	19.1	11	0.5	19	12.6	13.6	121	–	24	9	16	13	0 0	0	0	0	0	0	4	–	0	2.79	–	S
Weather Centre (X)	58	13.7	8.5	11.1	–	19.2	11	3.6	19	–	–	106	–	21	9	17	11	0 –	0	0	0	1	0	–	–	0	–	–	–
Flat Holm	15	(13.4)	(9.5)	11.5	–	17.9	11	5.4	19	–	–	(83)	–	(17)	31	15	11	0 0	0	0	0	1	–	0	0	–	3	–	–	–
Rhoose Airport (A)	65	13.1	7.5	10.3	-0.7	18.2	11	0.9	19	–	–	98	–	18	31	17	12	0 0	0	0	0	1	0	5	1	0	2.86	91	–
Gwent																														
Crossway	140	12.8	6.1	9.5	–	19.0	11	1.5	19	–	–	100	–	25	9	13	12	0 0	0	0	0	2	0	–	–	0	–	–	–
Llanishan	180	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	–	–	–	–	–	–	–	–	–	–	–
Tredegar, Bryn Bach Park	380	11.0	5.4	8.2	–	16.4	11	0.0	19	–	–	229	–	67	7	19	15	– 0	–	–	–	7	0	11	–	–	–	–	–
Usk	21	14.0	6.3	10.1	–	19.0	11	0.5	19	12.8	–	117	–	22	29	16	12	– 0	–	–	–	3	0	9	–	–	–	–	–
8B ENGLAND SW																														
Avon																														
Bristol																														
Weather Centre (A) (X)	42	13.7	8.9	11.3	–	20.3	11	4.2	19	–	–	68	–	22	9	17	8	0 –	1	0	0	1	0	–	–	0	2.65	–	–
Long Ashton	51	12.9	7.7	10.3	-0.7	19.4	11	2.6	22	–	–	105	142	35	9	20	12	0 –	0	0	0	–	0	0	–	0	–	–	–
Weston Super Mare	5	14.0	7.6	10.8	–	19.5	11	0.7	22	–	–	86	–	24	9	18	14	0 0	0	0	1	–	0	–	–	0	2.62	–	–
Somerset																														
Brymore	23	13.8	7.8	10.8	–	19.3	11	3.2	22	12.3	–	88	–	14	29	19	15	0 0	0	0	0	1	0	2	0	0	2.48	–	S
Castle Cary	135	12.5	6.4	9.5	–	18.4	11	-2.2	19	–	–	90	–	14	8	19	13	0 0	0	2	1	3	1	5	–	0	–	–	–
Downside Abbey	183	12.2	6.4	9.3	–	18.5	11	0.3	19	–	–	96	–	25	9	19	12	0 0	0	0	0	–	0	–	–	0	–	–	–
Minehead	10	13.8	8.6	11.2	–	18.6	11	4.9	22	12.4	13.3	108	–	24	8	18	13	0 0	0	2	0	0	0	0	0	0	2.59	–	S
Nettlecombe	96	13.0	5.8	9.4	–	18.0	11	-0.1	20	12.3	–	124	–	27	8	17	13	0 0	0	0	0	–	1	8	–	0	–	–	–
Nettlecombe (Birds Hill)	280	11.2	7.1	9.1	–	15.3	2	2.6	19	11.3	–	124	–	26	8	19	16	0 0	0	0	0	1	0	5	–	0	–	–	S
Rodney Stoke	40	13.7	7.5	10.6	–	19.7	11	2.0	22	12.9	14.1	76	–	13	9	19	12	0 0	0	0	0	0	0	5	–	0	–	–	–
Tivington	82	13.4	7.6	10.5	–	18.0	2	3.1	22	12.3	13.8	131	–	42	8	20	13	0 0	1	1	1	1	0	1	0	0	–	–	–
Yeovilton (A)	18	13.8	6.8	10.3	(-0.6)	19.6	11	-1.1	19	–	–	71	–	14	8	17	14	0 0	1	0	0	3	2	3	–	0	2.35	–	–
Dorset																														
Bournemouth																														
Hurn Airport (A)	10	14.2	6.5	10.3	-0.7	19.9	11	-2.6	22	11.7	–	96	129	25	29	16	12	0 0	0	1	0	1	3	8	5	0	2.89	–	–
Kings Park	27	14.5	7.6	11.1	–	19.5	11	0.0	22	12.6	14.1	86	–	23	31	16	11	0 0	1	0	0	1	0	1	0	0	3.00	–	S
Christchurch	4	14.0	7.6	10.8	-0.6	17.6	11,14	-0.1	22	–	–	94	125	25	29	15	12	0 0	0	0	0	1	1	5	–	0	–	–	–
Fontmell Magna	95	13.6	6.0	9.8	–	19.5	11	-2.0	22	–	–	91	–	19	29	17	12	0 0	0	2	0	2	4	–	–	3	–	–	–
Lower Kingcombe	122	12.9	(5.4)	9.1	–	18.1	11	-1.9	23	–	–	104	–	22	31	19	15	0 0	0	0	0	6	3	–	–	1	–	–	–
Poole	5	14.6	8.2	11.4	(-0.1)	19.1	11	1.4	22	–	–	86	–	22	31	17	10	0 0	0	2	0	2	0	1	–	0	2.91	(77)	–
Portland Bill																														
(Coastguard) (A)	53	14.0	9.6	11.8	–	17.7	11	3.4	23	–	–	88	–	20	31	16	12	0 0	0	0	0	0	0	0	0	3	2.85	–	–
Swanage	11	14.3	8.9	11.6	-0.4	17.6	3	2.7	19	–	14.7	82	107	24	31	16	11	0 0	0	0	0	1	0	1	–	0	2.94	79	–
Weymouth	21	14.3	8.7	11.5	–	17.9	11	2.0	20	–	–	94	–	23	29	18	12	0 0	0	0	0	2	0	–	–	0	–	–	–
Winfrith	26	14.1	7.2	10.7	(-0.5)	19.6	11	-1.0	22	–	–	116	–	35	29	15	13	0 0	0	0	0	3	1	6	3	0	–	–	–
Devon																														
Burrington	199	–	–	–	–	–	–	–	–	–	–	121	–	25	8	21	19	– –	–	–	–	–	–	–	–	–	–	–	–
Chivenor	6	14.3	7.9	11.1	-1.0	18.7	11	2.3	23	–	–	96	–	18	7	24	15	– –	–	–	–	–	0	–	–	–	–	–	–
Dunkeswell	251	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	–	–	–	–	–	–	–	–	–	–	–
Exeter Airport (A)	32	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	–	–	–	–	–	–	–	–	–	–	–
Exmouth	78	13.9	8.4	11.1	–	17.4	11	2.9	19	–	–	70	–	13	31	18	12	0 0	1	0	0	0	0	–	–	1	2.80	–	–
Gawlish	122	–	8.7	–	–	–	–	5.7	18	–	–	108	–	18	31	21	14	0 –	2	0	0	0	0	0	–	3	2.96	–	–
Hemyock	165	12.3	6.6	9.5	–	17.3	11	1.0	22	–	–	135	–	32	8	21	13	– 0	–	–	–	6	0	–	–	–	2.46	–	S
Ilfracombe	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	–	–	–	–	–	–	–	–	–	–	–
Lundy	43	13.4	10.2	11.8	–	17.1	11	6.0	19	–	–	81	–	19	31	19	14	0 0	–	–	–	–	0	–	–	–	–	–	–
Melbury	143	12.9	7.0	9.9	–	16.9	11	2.0	22	–	–	122	105	27	7	24	18	0 0	0	0	0	–	0	–	–	0	2.68	–	S
North Wyke	177	13.0	7.1	10.1	–	16.5	2,11	0.9	19	–	–	104	–	15	31	23	17	0 0	2	0	1	2	0	6	–	0	2.61	–	–
Plymouth																														
Mount Batten (A)	27	13.9	8.3	11.1	-0.8	17.6	11	2.7	19	–	–	84	95	22	7	23	16	0 –	0	0	0	0	0	–	0	1	3.48	95	–
Princetown	423	10.8	5.9	8.3	–	14.2	12	0.8	19	–	–	202	114	45	7	25	19	0 0	0	0	0	8	0	3	–	1	–	–	–
Rumleigh	23	14.5	6.4	10.5	–	18.6	11	-0.1	19	13.1	14.3	131	–	33	7	24	18	0 0	0	0	0	1	1	5	–	0	–	–	–
Saunton Sands	15	–	–	–	–	–	–	–	–	–	–	88	–	19	7	21	16	– –	–	–	–	–	–	–	–	–	–	–	–
Sidmouth	10	14.1	8.0	11.1	–	17.8	11	2.0	20	–	–	62	84	13	29	19	10	0 0	0	0	0	0	0	–	–	0	–	–	–
Slapton	32	14.5	8.8	11.7	(-0.4)	18.0	3,11	2.9	20	–	–	100	108	21	13	16	13	0 0	0	0	0	0	0	3	–	0	3.35	–	S
Teignmouth	3	14.3	8.2	11.3	-0.8	18.2	3	3.9	23	–	–	89	124	20	31	20	12	0 0	0	0	0	1	0	0	–	0	–	–	–
Torbay (Torquay)	8	14.8	8.0	11.4	-0.7	18.6	11	3.7	19	–	15.1	91	114	17	31	22	14	0 0	0	0	1	0	0	0	–	0	3.23	86	–
Twist	186	12.9	6.8	9.9	–	17.4	12	1.3	20	–	–	118	–	21	8	23	14	0 0	0	0	0	1	6	0	–	4	2.79	–	–
Yarner Wood	198	12.9	6.9	9.9	–	16.0	2, 3, 15	2.0	19	11.6	–	144	–	28	31	25	16	0 0	0	0	0	4	0	7	–	0	2.62	–	S
Cornwall																														
Bastreet	236	12.3	6.4	9.3	–	16.2	11	-1.1	23	–	–	153	101	29	7	24	18	0 0	2	0	0	1	1	4	–	0	2.86	–	–
Bude	15	14.2	8.3	11.3	-0.6	18.8	11	1.2	23	12.4	–	83	100	16	29	22	15	0 0	2	0	0	0	0	–	–	3	3.10	90	–
Camborne (A)	87	13.3	9.0	11.1	–	16.6	11	5.5	19,23	12.9	13.9	123	–	23	29	22	18	0 0	3	0	1	0	0	1	0	1	2.69	–	–
Culdrose (A)	80	13.6	8.3	10.9	-0.8	16.7	13	3.2	19,20	–	–	100	108	18	31	23	17	0 0	1	0	0	1	0	0	0	2	–	–	–
Falmouth	51	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	–	–	–	–	–	–	–	–	–	–	–
Gwennap Head	66	13.5	9.8	11.7	–	17.0	11	5.5	31	–	–	73	–	19	10	20	14	0 0	0	0	0	0	0	0	–	5	–	–	–
Lizard	73	14.1	9.0	11.5	(-0.8)	16.4	3	3.3	19	–	–	71	86	15	29	20	15	0 –	0	2	–	1	0	–	–	7	2.99	(80)	–
Lizard Lighthouse	60	14.1	9.4	11.7	–	17.1	3	4.9	19	–	–	–	–	–	–	–	–	– –	–	–	–	–	0	–	–	–	–	–	–
Newquay	30	14.1	9.1	11.6	–	18.0	12	2.4	23	–	–	81	–	15	31	19	15	0 0	0	0	0	1	0	–	–	1	2.55	–	–
Penzance	19	14.7	8.9	11.8	-0.7	18.2	13	3.4	23	–	–	110	105	18	30	22	18	0 0	1	0	0	1	0	–	–	3	3.42	91	–
Scilly (St Mary's)	51	14.0	10.2	12.1	-0.7	16.6	3	8.0	20,23	–	–	78	–	15	30	19	14	0 0	0	0	0	0	0	0	0	1	3.78	102	–
St Ives	10	13.9	10.3	12.1	–	16.5	2,11	7.0	19	–	–	118	–	25	30	23	21	0 0	0	0	0	0	0	–	–	4	2.44	–	–
St Mawgan (A)	103	13.5	8.7	11.1	-0.7	17.8	11	4.5	19	–	–	108	117	19	31	20	14	0 0	2	1	0	0	0	0	0	0	3.08	86	–
Tregastic	110	14.0	7.6	10.8	–	17.4	11	3.0	19	–	–	110	–	27	7	21	13	0 0	0	0	0	0	0	5	0	1	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
CHANNEL ISLANDS																													
Guernsey																													
Airport (A)	101	14.1	10.2	12.1	-0.5	17.9	11	5.4	19	13.1	14.5	81	100	20	29	15	12	0	0	0	2	2	0	0	3	0	0	2.99	77	–
L'Ancresse	5	15.0	9.8	12.4	–	18.9	11	7.2	19	–	–	82	–	15	8	18	15	0	0	0	0	0	–	0	–	–	0	2.64	–	–
Jersey																													
Airport (A)	84	14.1	10.1	12.1	-0.6	17.9	11	6.0	22	12.2	14.2	97	124	34	29	17	11	0	–	1	1	1	0	0	1	0	0	2.84	70	–
Gorey Castle	79	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.94	–	–
St Helier	54	14.7	10.0	12.3	–	18.5	15	5.1	22	–	–	91	116	25	29	18	13	0	0	1	2	1	0	0	1	–	0	2.89	–	–
Trinity States Farm	107	–	9.9	–	–	–	–	6.5	19	13.5	–	90	–	28	29	16	12	0	0	0	0	2	0	0	4	–	0	–	–	–
NORTHERN IRELAND																													
Londonderry																													
Banagher (Caugh Hill)	216	10.6	5.9	8.3	–	14.5	2	2.0	17	–	–	138	–	39	30	24	16	1	0	0	0	0	3	0	6	–	0	2.12	–	–
Carmoney	73	11.7	6.7	9.2	–	15.8	2	3.0	19	–	–	88	–	17	30	19	16	0	0	0	0	0	1	0	1	0	0	1.98	–	–
Castledawson Hillhead	30	13.2	5.7	9.5	–	16.6	11	2.0	1	–	–	85	–	19	30	20	14	0	0	0	0	0	–	0	0	–	0	–	–	–
Coleraine University (A)	23	12.3	6.7	9.5	–	16.4	2	2.3	6	11.0	12.2	94	–	25	30	22	15	3	0	0	1	0	0	0	4	–	0	2.05	–	–
Lough Fea W.Wks.	225	10.6	4.2	7.4	–	14.0	2	1.0	28	–	–	120	–	31	30	24	22	1	0	0	1	0	1	0	6	–	0	–	–	–
Moydamlaght	178	11.0	6.4	8.7	–	15.0	2	2.0	17	–	–	150	–	38	30	23	19	1	0	0	0	0	4	0	0	–	0	–	–	–
Moyola Waterworks	17	12.4	5.9	9.1	–	16.4	2	2.5	23	–	–	80	–	20	30	19	13	0	0	0	0	0	3	0	3	–	0	–	–	–
Antrim																													
Altnahinch	213	10.6	5.7	8.1	–	14.5	2,11	2.2	15,18	–	–	148	–	28	30	26	19	1	0	1	0	0	3	0	3	–	0	1.90	–	–
Belfast																													
Aldergrove Airport (A)	68	12.1	6.8	9.5	-0.5	16.1	2	2.6	6	10.9	12.5	106	131	34	30	20	13	0	0	0	2	0	1	0	3	1	0	2.34	89	–
Newforge	40	12.9	7.1	10.0	–	16.6	2	2.3	6	–	–	106	–	33	30	21	14	0	0	0	0	0	–	0	4	–	0	–	–	–
Oldparkfilters	58	12.2	6.7	9.5	–	16.0	2	3.2	6	–	–	106	108	28	30	19	16	0	0	0	0	0	1	0	2	–	0	–	–	–
Carnlough	12	13.2	6.6	9.9	–	16.6	12	3.3	4,23	–	–	112	–	32	30	22	15	0	0	0	0	0	1	0	–	–	0	–	–	–
Dungonnell Filters	271	10.3	4.8	7.5	–	14.0	2	-0.3	6	–	–	153	–	28	30	24	19	0	0	0	0	0	7	1	2	–	0	–	–	–
Garron Tower	62	12.2	7.5	9.9	–	16.0	2	4.0	17	–	–	122	–	27	30	22	18	0	0	1	0	0	0	0	–	–	2	–	–	–
Greenmount	38	12.2	7.0	9.6	(-0.5)	16.3	2	3.0	6	12.0	–	105	–	40	30	16	12	0	0	0	0	0	–	0	4	–	0	–	–	–
Jordanstown Rostulla	10	13.3	6.7	10.0	–	16.8	11	2.4	6	–	–	93	–	26	30	19	12	0	0	0	0	0	0	0	3	–	1	–	–	–
Larne Harbour	43	12.9	8.1	10.5	–	17.0	2	3.8	17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Lowtown	213	11.0	5.3	8.1	–	14.9	2	-0.5	6	9.6	–	140	–	48	30	26	16	0	0	0	0	0	0	1	–	–	0	1.90	–	–
Movanagher Fish Farm	10	12.7	6.4	9.5	–	16.0	2	2.0	7	–	–	116	–	33	30	20	16	0	0	0	0	0	–	0	2	–	0	–	–	–
Parkmore Forest	235	10.9	5.2	8.1	–	14.5	2	0.1	6	10.1	–	162	103	29	30	25	20	0	0	0	0	0	1	0	8	–	0	–	–	–
Woodburn North	217	11.5	5.4	8.5	–	15.0	8	2.0	18,31	–	–	103	88	30	29	14	13	0	0	0	0	0	1	0	2	–	0	–	–	–
Down																													
Ballykine Rockvale	125	11.5	5.9	8.7	–	15.9	2	2.0	17,20	–	–	137	–	48	30	22	15	0	0	0	0	0	2	0	2	–	0	–	–	–
Ballywatticock	6	12.5	7.6	10.1	–	15.6	11	3.0	6	10.1	11.7	89	119	31	30	18	10	0	0	0	0	0	0	0	1	0	1	2.82	–	–
Belfast																													
Ravenhill Road	10	12.6	7.2	9.9	–	16.6	2	3.3	6	–	–	100	–	31	30	19	13	0	0	0	0	0	0	0	0	–	3	–	–	–
Stormont Castle	56	12.7	7.1	9.9	-0.4	16.4	2	3.5	17	10.7	12.3	101	117	31	31	17	8	0	0	0	0	0	4	0	1	–	0	–	–	–
Bryansford	85	12.4	7.5	9.9	–	16.5	2	2.4	19	11.3	13.0	161	–	45	30	22	15	0	0	0	0	0	2	0	1	1	2	–	–	–
Downpatrick, Killavees	58	12.6	6.9	9.7	–	16.0	3	2.1	19	–	–	89	–	25	30	18	13	0	0	0	0	0	2	0	1	–	1	–	–	–
Helens Bay	43	12.8	7.6	10.2	(-0.4)	16.0	2	3.8	17	11.0	11.8	101	120	30	29	21	10	0	0	1	0	0	0	0	0	–	3	–	–	–
Hillsborough	116	11.6	–	–	–	16.1	2	–	–	10.7	11.7	90	102	26	30	18	14	0	0	0	0	0	0	–	0	–	0	2.74	98	–
Killough	15	13.1	7.6	10.3	–	16.0	11	3.5	19	–	–	103	–	28	30	22	14	–	–	–	–	–	–	0	0	–	–	–	–	–
Long Kesh (A)	36	12.5	6.6	9.5	–	16.8	2	1.4	6	10.8	12.0	85	–	26	30	18	13	0	0	0	0	0	0	0	5	1	0	2.54	–	–
Lough Cowey	10	13.0	6.5	9.7	–	15.6	2	2.8	19	–	–	94	117	29	29	18	10	0	0	0	0	0	0	0	0	–	2	2.58	–	–
Magherally	97	12.1	6.1	9.1	–	15.9	2	0.4	6	11.0	12.1	87	–	29	30	20	12	0	0	0	0	0	0	0	8	2	0	–	–	–
Murlough	12	13.1	7.2	10.1	–	16.5	11	2.1	6	11.1	12.1	106	–	29	30	19	13	0	0	0	0	1	0	0	6	–	3	2.95	–	S
Newry, Carnbane	8	12.8	6.6	9.7	–	17.5	12	2.8	5	–	–	95	–	33	30	21	14	0	0	0	0	0	3	0	–	–	0	2.81	–	–
Saintfield Rowallane	95	12.0	5.8	8.9	–	16.1	2	1.0	6	10.0	–	131	–	38	29	21	14	0	0	0	0	0	–	0	3	–	0	–	–	–
Silent Valley	129	11.7	6.9	9.3	–	16.8	11	0.6	6	–	–	127	98	36	30	22	17	0	0	0	0	0	0	0	3	–	0	3.05	–	–
Trassey Slievenaman	215	11.5	5.9	8.7	–	15.6	11	-0.6	19	–	–	175	–	47	30	23	20	0	0	0	0	0	3	1	1	–	2	–	–	–
Armagh																													
Annaghmore	27	12.8	5.8	9.3	–	16.9	2	-0.6	8	11.5	12.8	76	–	24	30	17	10	0	0	0	1	0	–	1	10	1	2	–	–	–
Armagh	62	12.3	6.5	9.4	-0.8	16.5	2	3.0	17	10.8	12.2	82	101	29	30	21	13	0	0	0	0	0	0	0	3	–	1	2.28	85	S
Castor Bay	17	12.4	6.9	9.7	–	16.5	2,11	3.5	6	–	–	86	–	35	30	17	12	0	0	0	0	0	–	0	0	–	0	–	–	–
Loughgall	25	12.6	5.8	9.2	-0.8	16.7	2	1.3	8	–	–	83	105	29	30	21	13	0	0	0	0	0	0	0	10	–	0	–	–	–
Tandragee, Ballylisk	43	12.5	6.5	9.5	–	16.2	2	2.6	6	–	–	75	–	28	30	19	11	0	0	0	0	0	–	0	4	–	1	–	–	–
Tyrone																													
Baron's Court	132	11.1	6.4	8.7	–	15.1	2	2.4	17	–	–	107	–	24	30	23	19	0	0	0	1	0	1	0	1	–	1	2.15	–	–
Carrigans (A)	113	11.8	6.7	9.3	(-0.5)	15.3	2	2.7	30,31	–	–	101	–	18	30	22	16	1	0	0	0	0	2	0	6	0	0	2.29	–	–
Cookstown	77	12.1	4.5	8.3	–	16.1	2	-0.8	8	–	–	90	94	23	30	19	15	0	0	0	0	0	–	1	6	–	0	2.35	–	–
Edenfel	88	11.6	4.5	8.1	–	15.5	2	0.1	6	–	–	100	93	25	30	24	16	0	0	0	0	0	4	0	3	–	0	–	–	–
Fivemiletown	119	12.5	4.5	8.5	–	14.7	8	1.0	9,18	–	–	111	–	25	30	23	19	0	0	0	2	0	5	0	3	–	0	–	–	–
Lough Bradan W.Wks.	180	10.9	5.3	8.1	-1.0	14.4	2	0.0	17	–	–	105	76	15	4	20	19	0	0	0	0	0	2	0	–	–	0	–	–	–
Strabane Glen Road	60	11.7	6.2	8.9	–	14.6	8	1.1	9	–	–	82	–	20	30	20	17	0	0	0	2	0	–	0	1	–	0	–	–	–
Fermanagh																													
Castle Archdale Forest (A)	66	11.7	4.8	8.3	(-1.6)	15.9	2	0.2	9	11.3	12.2	112	–	23	30	24	19	0	0	0	0	0	4	0	8	–	0	2.34	(93)	–
Corgary	145	11.6	6.3	8.9	–	15.0	2	2.6	19	–	–	115	–	22	30	22	22	–	0	–	–	–	–	0	0	0	–	2.26	–	–
Knockarevan	53	12.0	6.1	9.1	–	15.8	2	2.0	9,30	–	–	120	–	31	30	22	19	–	0	–	–	–	–	0	1	0	–	–	–	–
Lisnaskea	49	12.2	5.8	9.0	–	15.6	2,12	1.5	8	–	–	91	–	19	30	23	18	0	0	0	0	0	1	0	5	–	0	–	–	–
Lough Navar Forest	126	11.3	4.6	7.9	(-1.5)	15.3	2	-1.4	30	–	–	133	97	24	30	22	21	1	0	0	0	0	3	4	8	–	1	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
0 SCOTLAND N																																											
Shetland																																											
Fair Isle	61	9	1011.3	–	9.3	0.9	10.4	87	6.6	0	3	1	17	9	1	1	0	0	1	1	1	3	6	14	4	1	5	18	6	1	7	0	0	11	2	6	3	1				
		15	1011.1	–	9.5	1.0	10.4	87	7.0	0	0	4	12	15	0	0	0	0	0	2	2	6	8	8	5	1	9	11	10	0	4	1	1	12	2	5	0	6				
		21	1011.3	–	9.2	0.8	10.4	89	6.8	0	2	1	15	13	0	0	1	0	1	2	0	3	8	12	4	1	9	11	10	0	6	0	0	12	4	3	4	2				
Lerwick	83	3	1010.4	–	8.0	0.6	9.9	91	6.6	0	4	2	8	16	1	0	1	0	0	0	5	5	6	13	1	0	9	13	8	1	4	0	0	8	7	2	5	4				
		9	1011.0	+1.6	8.4	0.9	9.7	87	6.4	0	4	3	9	13	2	0	1	1	1	2	5	4	10	6	0	7	14	10	0	6	0	0	10	3	7	2	3				
		15	1011.1	–	8.7	1.1	9.6	84	6.9	0	1	2	14	14	0	0	0	1	2	0	0	6	9	8	5	1	8	11	11	0	6	1	0	9	8	1	3	3				
		21	1011.3	–	8.1	0.7	9.9	90	7.1	0	1	2	13	14	1	0	1	0	1	2	1	3	8	13	2	1	8	13	8	1	5	0	0	11	7	1	3	3				
Muckle Flugga	54	3	1010.7	–	8.5	0.9	9.7	87	6.5	0	4	2	9	15	1	1	0	0	0	2	0	3	8	17	0	7	11	8	4	1	2	0	0	2	14	3	4	5				
		9	1010.9	–	8.7	1.1	9.6	85	6.9	0	0	7	9	15	0	0	0	0	1	0	0	4	7	18	1	7	5	12	7	0	3	0	2	2	12	3	6	3				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		21	1011.4	–	8.6	1.1	9.6	85	6.9	0	0	6	7	18	0	0	0	0	0	3	0	5	4	18	1	7	7	8	9	0	3	0	1	2	14	4	2	5				
Sumburgh	13	3	1010.2	–	8.9	0.9	10.1	87	6.5	0	3	5	9	14	0	0	0	0	0	2	1	3	9	15	1	2	9	12	7	1	8	1	0	5	8	3	4	1				
		9	1010.9	–	9.3	1.2	9.9	84	6.4	0	4	3	13	11	0	0	0	0	0	1	2	5	4	12	7	1	6	17	6	1	7	0	0	6	6	6	1	4				
		15	1010.9	–	9.6	1.5	9.7	80	6.6	0	3	2	15	11	0	0	0	0	0	1	2	3	7	12	6	2	7	17	5	0	5	0	1	11	4	3	2	5				
		21	1011.1	–	9.0	1.1	9.9	85	6.7	0	3	2	11	15	0	0	0	0	0	1	3	1	8	16	2	2	9	14	6	0	7	0	0	10	7	2	1	4				
Orkney																																											
Kirkwall	26	3	1010.5	–	8.8	0.8	10.2	90	6.1	0	6	2	13	9	1	0	0	0	1	0	1	3	6	17	3	0	7	13	11	0	1	1	1	6	6	3	5	8				
		9	1011.1	+1.3	9.4	1.0	10.3	87	6.4	0	4	1	17	9	0	0	0	0	1	1	1	2	7	10	9	1	5	13	12	0	7	0	1	7	6	6	3	1				
		15	1010.7	–	9.9	1.2	10.3	84	6.5	0	1	5	13	11	1	0	0	0	0	2	0	0	6	5	11	7	2	6	14	9	0	5	0	0	9	6	3	3	5				
		21	1011.3	–	8.7	0.8	10.1	89	6.3	0	5	1	11	14	0	0	0	0	0	1	2	4	4	13	7	1	7	11	12	0	4	1	1	7	7	3	6	2				
Western Isles																																											
Benbecula	7	3	1010.6	–	8.4	0.9	9.7	87	5.7	0	6	3	12	10	0	0	0	0	0	1	1	2	10	14	3	2	4	9	15	1	6	1	2	2	6	5	5	3				
		9	1010.7	+0.8	9.3	0.9	10.4	89	6.9	0	0	3	20	8	0	0	0	0	0	0	3	7	5	13	3	2	3	10	15	1	5	2	2	3	8	1	6	3				
		15	1010.4	–	10.3	1.5	10.3	82	6.1	0	4	6	12	9	0	0	0	0	0	1	1	6	7	10	6	1	6	14	10	0	4	1	2	3	11	0	4	6				
		21	1011.1	–	9.0	1.0	10.0	87	6.0	0	5	4	9	13	0	0	0	0	0	0	0	4	5	18	4	1	10	7	13	0	6	3	3	2	10	1	2	4				
Stornoway	5	3	1010.3	–	8.0	1.0	9.3	86	6.3	1	1	5	11	13	0	0	0	0	0	1	1	0	4	6	16	3	1	2	9	19	0	2	0	2	2	3	10	8	4				
		9	1010.3	+0.6	9.2	1.1	9.9	85	6.4	0	2	4	17	8	0	0	0	0	0	2	0	3	4	18	4	0	5	10	15	1	3	1	0	8	5	5	6	2				
		15	1010.1	–	10.0	1.5	9.9	80	6.3	0	3	3	17	8	0	0	0	0	0	1	0	1	6	8	12	4	1	5	9	15	1	3	2	1	3	9	4	4	4				
		21	1011.0	–	8.3	1.0	9.5	87	5.4	0	5	9	9	8	0	0	0	0	0	0	1	3	9	17	1	1	4	8	17	1	4	1	2	2	10	2	6	3				
Highland																																											
Aviemore	228	3	1012.3	–	6.2	0.8	8.4	88	6.0	0	2	10	11	8	0	0	0	1	0	0	2	3	2	12	11	0	0	5	22	4	4	1	0	3	14	1	1	3				
		9	1012.3	–	6.8	0.8	8.7	88	6.4	0	1	5	19	6	0	0	0	0	1	1	0	2	8	8	11	0	0	9	17	5	2	2	1	4	10	3	1	3				
		15	1011.4	–	9.7	1.9	9.2	75	6.3	0	2	6	16	7	0	0	0	0	0	0	0	2	4	9	16	0	1	6	23	1	7	0	2	1	11	6	0	3				
		21	1012.7	–	6.8	1.0	8.5	85	5.7	1	3	7	12	8	0	0	0	0	0	0	0	2	5	10	14	0	1	8	17	5	5	1	0	1	11	4	0	4				
Cape Wrath	113	3	1009.7	–	8.9	1.5	9.3	80	6.3	0	1	9	10	10	1	1	0	0	0	0	0	0	0	22	8	6	5	9	10	1	2	1	3	5	4	7	6	2				
		9	1009.9	–	9.1	1.5	9.3	80	6.7	0	0	6	13	11	1	1	0	0	0	0	0	1	2	21	6	4	5	10	9	3	3	2	0	6	6	5	6	0				
		15	1009.8	–	9.7	1.3	10.0	83	6.8	0	0	6	9	15	1	1	0	0	0	0	0	0	7	18	5	4	2	11	11	3	7	1	2	5	3	5	4	1				
		21	1010.6	–	8.9	1.3	9.5	82	6.4	0	2	6	8	15	0	0	0	0	0	0	0	2	25	4	4	5	6	15	1	5	0	3	5	8	4	3	4	1				
Dalcross	12	9	1011.3	–	8.2	1.1	9.3	85	6.5	0	1	5	19	6	0	0	0	0	2	0	1	1	0	9	13	5	0	3	7	20	1	3	1	1	1	5	15	2	2				
		15	1010.6	–	10.5	1.9	9.7	76	6.4	0	1	6	15	9	0	0	0	0	0	0	2	4	5	13	7	0	3	8	18	2	0	3	2	2	5	9	6	2				
		21	1012.0	–	8.4	1.3	9.1	83	6.2	0	5	1	15	10	0	0	1	0	2	0	0	1	8	17	2	0	1	6	22	2	0	3	3	1	5	11	2	4				
Invergordon	12	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Harbour		9	1011.7	–	8.6	1.2	9.4	83	6.4	1	1	5	11	13	0	0	0	0	1	0	1	3	5	9	12	0	2	6	14	9	1	2	2	1	0	8	5	3				
		15	1011.0	–	10.7	1.9	9.9	76	6.8	0	1	4	11	15	0	0	0	0	0	0	1	4	5	12	9	0	2	8	11	10	1	2	1	1	4	5	2	5				
		21	1012.2	–	8.9	1.5	9.2	80	6.0	0	2	10	5	14	0	0	0	0	0	0	1	1	10	12	7	0	1	2	21	7	1	1	2	1	6	3	9	1				
Waterstein	81	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Wick	37	3	1011.0	–	8.3	0.9	9.7	88	6.3	0	2	7	13	9	0	0	0	0	1	1	1	3	7	16	2	0	2	14	15	0	2	0	1	9	4	4	9	2				
		9	1011.3	+1.1	9.2	1.1	10.0	85	6.4	0	3	4	13	10	1	0	0	0	2	0	2	4	6	12	5	0	2	16	13	0	4	0	1	8	5	4	7	2				
		15	1010.7	–	10.0	1.5	10.1	81	6.8	0	1	4	14	12	0	0	0	1	0	2	2	5	5	11	5	0	5	16	10	0	8	0	0	8	8	2	4	1				
		21	1011.6	–	8.7	1.0	9.8	86	6.2	0	4	3	12	12	0	0	0	0	1	1	3	3	4	15	4	0	3	15	13	0	1	1	0	8	6	4	6	5				
1 SCOTLAND E																																											
Grampian																																										
Dyce	69	3	1011.5	–	8.3	0.8	9.9	89	6.5	1	4	2	7	17	0	0	0	1	0	1	3	6	6	6	8	0	4	9	18	0	2	2	0	7	3	5	7	5				
		9	1012.1	+0.5	8.9	1.1	9.9	86	6.5	0	4	2	13	12	0	0	0	1	0	3	3	7	3	8	6	0	2	12	17	0	3	1	2	7	5	2	3	7				
		15	1011.4	–	10.6	1.6	10.2	80	6.2	0	2	8	11	10	0	0	0	1	0	2	4	1	5	10	8	1	3	10	17	0	3	0	0	8	7	1	4	8				
		21	1012.2	–	8.6	0.9	9.9	87	6.9	1	1	2	11	16	0	0	0	0	1	0	4	4	4	12	6	1	2	11	17	0	3	1	0	5	8	2	4	8				
Glenlivet	212	9	1012.2	–	7.6	1.1	8.9	85	6.7	0	3	0	18	9	1	0	0	1	0	0	0	0	1	12	17	0	0	5	26	0	1	0	2	11	2	1	12	2				
		15	1011.5	–	9.5	2.0	8.9	75	6.5	0	2	3	20	5	1	0	0	0	1	0	0	0	1	9	20	0	2	5	24	0	0	0	0	8	3	1	18	1				
		21	1012.6	–	7.1	1.1	8.6	84	6.1	1	2	7	9	11	1	0	0	0	1	0	0	0	0	24	6	0	2	4	25	0	0	0	9	10	1	1	8	2				
Kinloss	6	3	1011.6	–	7.9	1.1	9.1	85	6.1	1	4	4	11	11	0	0	0	0	1	0	1	6	3	10	10	0	2	10	15	4	0	0	5	2	2	12	3	3				
		9	1011.8	+0.9	9.0	1.4	9.5	82	6.2	0	4	2	19	5	1	0	1	0	0	2	2	3	13	10	0	3	8	19	1	3	1	3	3	4	11	3	2				
		15	1011.2	–	11.1	2.2	9.7	73	6.2	0	4	2	20	5	0	0	0	0	0	0	1	5	4	9	12	0	3	10	18	0	4	0	3	2	6	5	8	3				
		21	1012.2	–	8.9	1.5	9.2	80	6.3	0	4	2	20	5	0	0	0	0	0	0	1	4	6	9	11	0	4	6	20	1	1	1	3	5	7	4	4	5				
Peterhead	15	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Harbour		9	1012.2	–	9.9	1.2	10.5	85	6.6	0	1	6	10	14	0	0	0	0	0	0	1	4	7	16	3	0	0	3	16	11	1	4	1	2	5	6	4	5	3				
		15	1011.6	–	10.9	1.4	10.8	82	6.8	0	0	6	12	13	0	0	0	0	0	0	1	6	4	17	3	0	0	6	12	12	1	6	1	0	7	8	0	5	3				
		21	1012.4	–	10.0	1.3	10.2	82	6.7	0	1	6	8	16	0	0	0	0	0	0	0	5	5	21	0	0	0	5	16	9	1	8	1	0	3	8	5	4	1				
Fife																																											
Leuchars	12	3	1012.3	–	8.3	0.9	9.8	88	6.5	0	3	5	8	15	0	0	0	0	2	1	1	3	4	3	8	9	0	1	13	13	4	2	3	1	4	1	4	10	2				
		9	1012.5	+0.5	9.1	1.2	9.8	84	6.4	0	3	4	11	13	0	0	1	0	1	1	3	3	5	7	3	12	0	4	6	21	0	3	2	2	5	1	9	7	2				
		15	1011.9	–	11.2	2.2	9.9	74	6.3	0	3	5	14	9	0	0	0	1	1	0	2	3	5	9	10	0	4	10	17	0	0	2	4	4	1	6	11	3				
		21	1012.8	–	8.5	1.0	9.6	86	5.8	0	7	3	6	15	0	0	0	0	1	1	1	7	3	9	9	0	2	10	18	1	0	3	3	4	3	6	7	4				

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Depression of wet bulb (degrees C)	Vapour pressure (mb)	Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured
										Number of observations					
1 SCOTLAND E - Continued															
Lothian															
Turnhouse	44	3	1012.5	–	8.2	0.7	10.1	91	6.0	0	5	3	15	8	0
		9	1013.0	+0.4	9.0	0.9	10.1	87	6.4	0	3	4	14	9	1
		15	1012.3	–	10.8	1.8	10.1	78	6.3	0	1	5	20	4	1
		21	1013.0	–	8.7	1.0	9.9	87	5.7	0	4	6	16	5	0
6 SCOTLAND W															
Strathclyde															
Abbotsinch	9	3	1012.4	–	7.7	0.8	9.5	89	6.5	0	1	7	11	11	1
		9	1012.9	+0.4	8.7	0.9	10.0	88	6.5	0	1	6	16	7	1
		15	1012.2	–	11.0	2.0	10.0	76	6.3	0	3	5	16	7	0
		21	1012.9	–	8.7	0.9	10.0	87	5.9	0	5	6	9	11	0
Orsay	24	3	1011.6	–	10.5	0.8	11.4	90	6.3	0	3	6	5	17	0
		9	1012.2	–	10.4	0.8	11.3	89	6.7	0	1	4	12	14	0
		15	1011.5	–	11.1	1.0	11.7	88	6.5	0	2	5	10	14	0
		21	1012.0	–	10.9	1.0	11.4	87	6.4	0	3	7	6	15	0
Prestwick	21	3	1012.8	–	8.9	1.0	9.9	86	6.4	0	3	3	14	11	0
		9	1013.4	+0.7	9.4	1.1	10.2	85	6.4	0	2	3	22	4	0
		15	1012.6	–	11.4	2.2	10.0	74	6.3	0	2	3	22	4	0
		21	1013.2	–	9.3	1.2	9.9	84	6.1	0	2	6	15	8	0
Tiree	10	3	1011.6	–	9.3	1.2	10.0	84	5.4	0	4	9	13	5	0
		9	1011.9	+1.0	10.0	1.3	10.3	84	6.5	0	2	4	14	11	0
		15	1011.4	–	10.7	1.6	10.3	80	6.1	0	4	3	16	8	0
		21	1012.1	–	9.5	1.2	10.2	85	5.9	0	5	5	11	10	0
Dumfries & Galloway															
Corsewall Point	15	9	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
Drungans	16	3	–	–	8.7	0.9	10.1	87	6.0	3	2	3	5	18	0
		9	–	–	8.8	1.0	10.0	87	6.5	0	2	8	4	17	0
		15	–	–	11.5	2.0	10.4	77	6.5	0	1	6	10	14	0
		21	–	–	9.5	1.1	10.3	85	6.7	1	0	7	4	19	0
Eskdalemuir	237	3	1013.1	–	6.6	0.5	9.3	92	6.3	1	4	3	3	18	2
		9	1013.9	+0.4	7.1	0.6	9.4	92	6.6	0	3	2	9	17	0
		15	1013.1	–	9.4	1.4	9.8	82	6.4	0	5	4	7	15	0
		21	1013.8	–	6.9	0.5	9.4	92	6.6	0	4	1	7	17	2
2 ENGLAND E & NE															
Northumberland															
Boulmer	27	3	1013.0	–	9.1	0.9	10.3	87	6.6	2	2	0	11	15	1
		9	1013.5	+0.3	9.7	1.1	10.4	85	6.7	0	2	5	11	13	0
		15	1012.8	–	11.0	1.7	10.5	80	6.5	0	2	4	14	11	0
		21	1013.5	–	9.2	1.0	10.2	87	6.1	1	3	4	11	12	0
Tyne & Wear															
Newcastle Weather Centre (X)	47	3	1013.3	–	9.3	1.1	10.1	85	6.2	0	5	2	10	12	2
		9	1013.9	–	9.4	1.2	10.1	84	6.3	0	5	2	11	12	1
		15	1013.1	–	11.6	2.3	9.9	72	6.5	0	2	5	14	10	0
		21	1013.9	–	9.6	1.3	10.1	83	6.2	0	5	3	12	11	0
Tynemouth	40	3	1013.1	–	9.5	1.1	10.2	85	6.0	1	5	4	6	12	3
		9	1013.7	+0.3	9.7	1.2	10.2	84	6.4	0	4	3	10	11	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1013.7	–	9.7	1.2	10.3	84	6.1	0	4	5	7	13	2
North Yorkshire															
Fylingdales	262	3	1013.8	–	7.4	0.3	10.0	95	6.6	4	1	0	2	16	8
		9	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	1013.7	–	9.5	1.0	10.4	88	7.1	0	1	5	4	18	3
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Leeming	37	3	1013.6	–	8.8	0.9	10.1	87	6.5	2	0	6	6	15	2
		9	1014.2	–0.2	9.6	1.1	10.4	86	6.1	0	6	3	8	13	1
		15	1013.4	–	12.0	2.2	10.4	74	6.7	0	3	2	11	15	0
		21	1014.1	–	9.3	1.0	10.3	86	6.3	2	4	1	7	17	0
Humberside															
Bridlington M R S C	19	3	1013.5	–	9.6	1.1	10.4	86	6.8	1	1	3	5	20	1
		9	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	1013.5	–	11.7	2.1	10.3	75	6.7	0	0	6	12	12	1
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Easington	20	3	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Lincolnshire															
Coningsby	8	3	1014.2	–	8.6	0.9	10.0	88	6.0	1	4	4	12	10	0
		9	1015.0	–	10.0	1.1	10.7	85	6.1	0	5	3	10	12	1
		15	1014.2	–	12.8	2.8	10.3	69	6.4	0	2	4	16	9	0
		21	1014.9	–	9.3	1.3	9.9	83	5.6	1	6	3	11	10	0
Waddington	70	3	1014.7	–	8.7	0.8	10.2	89	6.2	1	2	6	9	13	0
		9	1015.3	+0.0	9.6	1.0	10.5	86	5.6	1	6	5	8	11	0
		15	1014.5	–	12.5	2.8	9.9	68	6.2	0	3	5	15	8	0
		21	1015.2	–	9.6	1.4	10.0	82	5.5	3	3	7	6	12	0

District / Region / County and Place	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
	Number of observations																											
1 SCOTLAND E - Continued																												
Lothian																												
Turnhouse	0	0	0	1	2	5	4	9	7	3	0	2	8	19	2	1	3	5	2	1	5	10	2	1	3	5	2	1
	0	0	1	1	2	3	6	6	8	4	0	2	8	18	3	0	3	4	2	1	5	12	1	1	3	5	2	1
	0	1	0	1	1	1	3	5	5	10	7	0	4	10	17	0	3	6	2	1	3	7	6	3	3	4	2	1
	0	0	0	1	0	3	5	8	10	4	0	2	6	21	2	2	2	3	3	3	8	7	1	1	2	4	2	1
6 SCOTLAND W																												
Strathclyde																												
Abbotsinch	0	0	2	1	0	1	9	7	9	2	0	2	6	17	6	0	1	6	0	2	6	7	3	1	3	6	2	1
	0	0	1	1	3	7	6	8	4	0	0	3	4	18	6	0	2	6	3	2	5	5	2	1	3	5	2	1
	0	0	0	1	1	3	6	6	7	9	0	3	9	18	1	1	2	7	1	3	4	9	3	1	3	5	2	1
	0	0	0	0	1	0	8	9	9	4	0	2	5	23	1	1	3	9	1	3	6	6	1	1	3	5	2	1
Orsay	0	0	0	0	0	0	3	8	12	8	2	7	16	6	0	3	2	2	3	5	5	6	5	2	3	5	2	1
	0	0	0	0	1	0	2	8	13	7	4	8	11	8	0	4	2	3	6	4	5	3	4	2	3	5	2	1
	0	0	0	0	0	0	2	10	12	7	5	8	12	6	0	3	1	4	5	7	1	5	5	2	3	5	2	1
	0	0	0	0	0	0	0	8	12	11	5	7	10	9	0	4	0	3	7	5	1	3	8	2	3	5	2	1
Prestwick	0	0	0	0	0	0	8	6	13	4	0	3	9	18	1	1	4	8	4	2	3	4	4	2	3	5	2	1
	0	0	0	0	0	2	7	6	11	5	0	2	8	21	0	2	3	6	1	6	2	6	5	2	3	5	2	1
	0	0	0	0	0	0	3	6	15	7	0	4	11	16	0	1	3	5	2	5	4	7	4	2	3	5	2	1
	0	0	0	0	0	0	6	6	15	4	0	2	11	17	1	2	3	8	5	3	1	3	5	2	3	5	2	1
Tiree	0	0	0	0	0	0	4	8	15	4	2	7	11	11	0	6	3	0	5	4	3	6	4	2	3	5	2	1
	0	0	0	1	0	0	7	11	6	6	2	7	10	12	0	6	2	1	6	5	2	5	4	2	3	5	2	1
	0	0	0	0	0	0	6	12	6	7	3	7	12	9	0	5	2	0	6	6	1	6	5	2	3	5	2	1
	0	0	0	0	0	0	6	11	10	4	1	8	12	9	1	7	2	2	4	7	1	2	5	2	3	5	2	1
Dumfries & Galloway																												
Corsewall Point	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drungans	0	0	0	0	1	1	5	16	8	0	0	0	3	25	3	2	4	5	3	2	6	1	5	2	3	5	2	1
	0	0	0	0	4	1	3	8	15	0	0	0	4	24	3	4	2	4	4	0	3	6	5	2	3	5	2	1
	0	0	0	0	1	1	2	11	16	0	0	0	9	19	3	2	0	6	5	3	4	7	1	2	3	5	2	1
	0	0	0	0	1	1	3	15	12	0	0	0	3	24	4	1	0	5	3	4	5	4	5	2	3	5	2	1
Eskdalemuir	2	1	0	0	3	6	8	4	0	8	0	1	10	18	2	10	2	0	1	6	2	3	5	2	3	5	2	1
	0	0	1	1	0	4	13	5	4	3	0	1	8	19	3	6	3	1	4	5	3	3	3	2	3	5	2	1
	0	0	0	1	0	1	6	10	4	9	0	2	9	19	1	5	4	2	3	6	3	3	4	2	3	5	2	1
	0	0	0	1	0	1	5	5	3	5	9	0	1	6	22	2	8	3	1	1	6	2	4	4	3	5	2	1
2 ENGLAND E & NE																												
Northumberland																												
Boulmer	1	0	1	2	0	2	5	1	6	6	8	0	0	9	22	0	2	1	3	7	1	5	5	2	3	5	2	1
	0	0	0	1	2	2	2	5	6	7	6	0	1	11	19	0	3	2	3	3	5	6	5	2	3	5	2	1
	0	0	0	0	1	2	4	3	5	8	8	0	3	9	19	0	3	3	3	6	3	2	5	2	3	5	2	1
	0	0	0	0	1	3	3	7	3	9	5	0	1	10	20	0	2	0	3	3	8	2	4	2	3	5	2	1
Tyne & Wear																												
Newcastle Weather Centre (X)	0	0	2	3	1	0	8	4	10	3	0	0	1	28	2	3	1	2	4	4	3	7	5	2	3	5	2	1
	0	0	1	3	1	3	5	6	5	7	0	0	4	25	2	1	2	3	1	4	7	9	2	2	3	5	2	1
	0	0	0	1	1	1	4	8	5	11	0	0	8	23	0	4	0	5	3	3	3	8	5	2	3	5	2	1
	0	0	0	2	1	2	6	6	10	4	0	0	3	25	3	2	0	4	3	3	4	6	6	2	3	5	2	1
Tynemouth	0	2	1	0	1	2	3	4	18	0	0	5	14	11	1	4	0	2	4	6	1	9	4	2	3	5	2	1
	0	2	2	1	0	2	6	12	6	0	2	3	8	15	3	3	1	3	2	5	0	10	4	2	3	5	2	1
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	0	2	3	1	2	2	5	8	12	0	2	3	12	14	0	4	2	2	2	9	4	6	2	2	3	5	2	1
North Yorkshire																												
Fylingdales	0	0	2	10	12	7	0	2	1	4	4	5	2	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	1	3	16	10	1	4	1	1	6	3	4	5	6	0	1	3	12	13	2	5	1	2	3	5	3	5	5	2
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Leeming	0	0	10	15	6	3	2	1	7	4	1	4	3	0	0	4	11	16	0	4	0	5	3	3	3	8	5	2
	0	2	8	20	1	6	1	0	6	3	2	3	9	0	2	4	11	16	0	4	0	4	4	3	4	6	6	2
	0	4	9	17	1	6	1	2	4	4	3	7	3	0	4	11	16	0	4	0	4	4	3	3	4	6	6	2
	0	2	7	20	2	5	1	0	4	6	2	4	7	0	1	3	12	13	2	5	1	2	3	5	3	5	5	2
Humberside																												
Bridlington M R S C	0	0	3	10	15	3	4	1	4	2	5	3	7	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	1	3	12	13	2	5	1	2	3	5	3	5	5	0	1	3	12	13	2	5	1	2	3	5	3	5	5	2
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Easington	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lincolnshire																												
Coningsby	1	4	4	12	10	0	0	1	0	0	2	5	9	3	10	1	0	1	7	23	0	1	4	3	2	8	2	3
	0	5	3	10	12	1	0	1	0	2	2	6	6	3	8	3	0	0	12	19	0	1	0	6	0	6	4	8
	0	2	4	16	9	0	0	0	0	0	0	4	6	4	10	7	0	4	11	16	0	4	0	4	4	3	4	6
	0	1	3	11	10	0	0	0	0	0	1	4	9	3	10	4	0	1	8	21	1	2	0	8	2	5	2	3
Waddington	1	2	6	9	13	0	0	0	0	0	5	4	8	3	9	2	0	0	11	19	1	1	4	3	5	3	4	5
	1	6	5	8	11	0	0	1	0	1	2	6	4	6	8	3	0	1	13	15	2	1	1	4	3	3	6	8
	0	0	0	0	0	0	4	4	5	8	10	0	4	9	18	0	3	1	5	2	2	5	6	7	3	5	5	2
	3	3	7	6	12	0	0	0	0	1	3	10	5	8	4	0	1	8	20	2	2	1	6	2	6	2	7	3

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 EAST ANGLIA																																											
Norfolk																																										
Coltishall	19	3	1014.7	–	8.8	0.7	10.4	91	5.7	2	2	8	10	9	0	0	0	0	1	1	5	7	5	10	2	0	0	7	24	0	0	2	5	5	2	5	7	5
		9	1015.3	–	11.0	1.2	11.3	85	5.9	0	6	1	15	8	1	0	1	0	0	0	4	8	8	5	5	0	0	12	19	0	1	0	6	1	5	5	6	7
		15	1014.7	–	12.7	2.3	10.9	74	6.2	0	4	3	15	9	0	0	0	0	0	0	3	2	11	8	7	0	1	10	18	2	4	0	4	2	4	3	7	5
		21	1015.4	–	9.9	1.1	10.6	86	6.0	1	3	3	18	6	0	0	0	0	0	0	6	8	2	14	1	0	2	4	24	1	1	0	8	1	7	2	5	6
Hemsby	14	3	1014.6	–	9.5	0.8	10.8	89	5.3	5	3	4	8	11	0	0	0	0	1	0	5	8	7	10	0	0	0	8	23	0	0	0	5	6	7	2	10	1
		9	1015.2	–	11.1	1.2	11.4	85	5.5	0	8	2	14	6	1	0	1	0	0	0	7	6	7	8	2	0	0	12	19	0	0	1	3	5	7	1	12	2
		15	1014.7	–	12.6	2.0	11.4	77	6.5	0	2	4	17	8	0	0	0	0	0	0	3	8	7	7	6	0	2	10	19	0	1	3	5	2	5	4	5	6
		21	1015.3	–	10.5	1.2	10.9	85	6.1	2	2	4	10	13	0	0	0	0	0	1	7	4	6	13	0	0	1	9	21	0	0	1	4	5	8	3	5	5
Marham	24	3	1015.0	–	8.4	0.7	10.2	91	5.3	3	5	5	6	11	1	0	0	1	1	2	7	7	3	7	3	0	0	8	22	1	1	1	5	7	4	3	3	6
		9	1015.6	–0.1	10.2	1.2	10.8	86	5.4	1	7	2	11	9	1	0	1	1	0	0	7	8	4	7	3	0	1	12	18	0	1	1	5	2	8	3	5	6
		15	1014.8	–	12.8	2.4	10.9	74	6.5	0	2	4	15	10	0	0	0	0	0	0	2	8	6	9	6	0	2	14	15	0	1	1	4	4	3	6	4	8
		21	1015.5	–	9.3	1.0	10.3	87	5.0	1	7	7	6	10	0	0	0	0	1	1	4	7	2	11	5	0	2	5	24	0	0	3	5	5	7	0	6	5
Norwich	15	3	1014.8	–	9.4	0.8	10.7	89	5.1	5	4	3	11	8	0	0	0	0	0	1	5	13	1	11	0	0	0	0	31	0	2	1	3	4	5	5	2	9
Weather Centre (X)		9	1015.4	–	10.8	1.2	11.1	85	6.0	0	6	2	11	11	1	0	1	0	0	2	1	10	6	8	3	0	0	4	26	1	1	1	4	0	6	3	3	12
		15	1014.8	–	12.7	2.3	11.0	74	6.2	0	2	5	19	5	0	0	0	0	0	0	0	6	9	12	4	0	0	7	24	0	7	1	4	2	5	1	7	4
		21	1015.4	–	10.6	1.2	11.0	85	5.7	3	3	3	12	10	0	0	0	0	0	0	3	10	6	12	0	0	0	1	30	0	3	0	5	4	7	2	4	6
Cambridgeshire																																										
Wyton	43	3	1014.9	–	8.3	0.7	10.1	90	4.6	6	3	8	3	11	0	0	0	0	1	3	10	2	2	8	5	0	0	8	21	2	2	3	2	3	6	2	7	4
		9	1015.6	–0.3	9.9	1.2	10.5	85	5.3	0	8	4	10	9	0	0	1	1	1	4	8	2	7	6	0	1	9	20	1	2	0	6	2	4	5	6	5
		15	1014.7	–	13.3	3.0	10.3	66	6.3	0	2	5	17	7	0	0	0	0	0	0	0	10	3	7	11	0	1	9	21	0	5	0	6	3	4	3	5	5
		21	1015.5	–	9.6	1.4	10.0	82	5.0	3	6	4	9	9	0	0	0	0	0	0	5	6	5	6	9	0	0	5	26	0	1	1	7	2	4	4	5	7
Suffolk																																										
Honington	51	3	1014.9	–	8.3	0.7	10.1	90	5.5	4	4	2	10	11	0	0	0	0	3	2	7	7	2	10	0	0	0	5	25	1	0	4	3	5	4	3	7	4
		9	1015.6	–0.2	10.1	1.2	10.6	84	5.6	1	7	1	11	10	1	0	0	1	0	1	5	10	3	6	5	0	0	11	20	0	2	1	5	4	3	2	5	9
		15	1014.8	–	12.7	2.7	10.3	70	6.4	0	2	5	21	3	0	0	0	0	0	0	1	7	5	10	8	0	1	8	22	0	2	0	4	5	2	3	5	10
		21	1015.5	–	9.2	1.2	9.9	84	5.3	1	5	6	12	7	0	0	1	0	0	1	5	7	4	11	2	0	1	6	22	2	0	1	8	2	4	3	3	8
Wattisham	91	3	1015.1	–	8.5	0.6	10.4	91	5.1	7	1	4	10	8	1	1	0	2	2	1	5	7	5	7	1	0	0	10	19	2	2	3	3	3	7	0	5	6
		9	1015.7	–	10.2	1.2	10.7	84	5.5	0	8	4	8	11	0	0	0	0	1	1	4	8	6	5	6	0	1	12	18	0	3	3	1	4	6	1	4	9
		15	1014.9	–	12.4	2.6	10.3	71	6.5	0	3	2	18	8	0	0	0	0	0	0	3	6	5	10	7	0	3	9	19	0	3	1	4	6	1	4	5	7
		21	1015.7	–	9.3	1.2	10.1	85	4.6	3	10	0	10	8	0	0	0	0	0	1	5	8	7	10	0	0	1	6	24	0	2	3	2	5	6	3	3	7
Essex																																										
Stansted	102	3	1015.2	–	8.1	0.8	9.8	89	5.4	4	4	2	12	7	2	0	0	2	1	1	6	6	1	12	2	0	0	5	26	0	3	2	5	5	2	4	4	6
		9	1015.8	–0.3	10.0	1.3	10.3	83	5.2	2	6	4	12	7	0	0	0	0	3	0	9	8	2	8	1	0	0	12	19	0	3	0	5	4	4	3	4	8
		15	1014.9	–	12.7	3.1	9.7	65	6.1	0	1	7	18	5	0	0	0	0	0	0	0	11	3	15	2	0	1	12	18	0	3	0	4	4	4	4	5	7
		21	1015.8	–	9.2	1.3	9.8	83	5.0	4	4	5	11	7	0	0	0	0	0	0	5	9	1	13	3	0	0	7	22	2	2	1	6	4	4	3	3	6
4 MIDLAND COUNTIES																																										
West Yorkshire																																										
Leeds	60	3	1014.0	–	9.3	1.0	10.4	86	5.8	1	6	2	10	12	0	0	0	0	0	2	6	10	3	5	5	0	1	5	25	0	3	2	5	3	0	4	9	5
Weather Centre (X)		9	1014.7	–	10.0	1.3	10.4	83	6.1	0	6	3	7	15	0	0	0	0	0	3	4	8	7	4	5	0	2	7	21	1	2	4	5	2	1	1	11	4
		15	1014.0	–	12.3	2.5	10.2	71	6.4	0	3	5	10	13	0	0	0	0	0	1	2	4	8	8	8	0	3	7	21	0	5	3	4	3	1	1	10	4
		21	1014.7	–	10.1	1.3	10.5	83	6.5	0	4	3	9	15	0	0	0	0	0	1	6	8	4	8	4	1	1	2	26	1	5	3	3	2	1	5	4	7
Wilsden	267	3	1014.3	–	7.6	0.7	9.7	91	6.1	2	4	3	6	11	5	0	2	1	2	2	3	6	13	2	0	0	1	7	17	6	0	0	6	3	3	4	5	4
		9	1014.9	–	8.3	0.8	9.9	88	6.3	0	7	1	3	16	4	0	1	3	2	5	1	3	8	7	1	0	0	9	19	3	3	1	5	2	3	0	9	5
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1014.9	–	8.1	0.9	9.7	88	6.4	0	4	5	4	14	4	1	0	1	2	0	4	6	13	4	0	0	0	7	22	2	2	2	6	1	2	6	7	3
South Yorkshire																																										
Finningley	15	3	1014.2	–	9.0	0.9	10.2	87	5.8	2	4	5	3	17	0	0	0	0	1	1	7	8	3	6	5	0	0	8	22	1	1	5	2	4	5	1	4	8
		9	1014.9	–0.1	10.1	1.2	10.7	85	6.0	0	6	5	8	12	0	0	0	0	0	3	9	5	6	3	5	0	2	7	22	0	2	4	1	3	5	2	9	5
		15	1014.2	–	12.7	3.0	9.8	66	6.3	0	4	2	15	10	0	0	0	0	0	0	3	7	4	9	8	0	2	13	16	0	7	2	3	4	5	3	3	4
		21	1014.8	–	9.6	1.2	10.2	84	5.7	3	3	2	10	13	0	0	0	0	0	1	6	10	3	4	7	0	2	4	22	3	3	2	2	2	8	1	5	5
Nottinghamshire																																										
Nottingham	119	3	1014.8	–	8.4	0.8	10.0	89	5.8	2	5	2	8	14	0	1	0	0	0	2	2	14	2	8	2	0	0	6	24	1	2	6	3	0	5	4	5	5
Weather Centre (X)		9	1015.6	+0.3	9.4	1.1	10.3	85	5.8	0	7	3	8	13	0	0	1	0	0	5	2	11	4	3	5	0	0	9	22	0	4	5	1	2	3	5	9	2
		15	1014.6	–	12.2	2.8	9.7	68	5.8	0	4	7	13	7	0	0	0	0	0	1	2	7	3	7	11	0	0	11	20	0	7	3	4	1	4	4	6	2
		21	1015.5	–	9.2	1.2	10.0	84	5.7	3	3	3	11	11	0	0	0	0	0	1	4	12	3	7	4	0	0	6	23	2	2	5	3	1	6	2	6	4
Staffordshire																																										
Cellarhead	228	3	1014.6	–	8.1	0.7	10.0	90	7.0	2	1	1	2	23	2	0	0	0	3	2	5	8	13	0	0	0	0	5	16	10	1	0	5	1	4	4	3	3
		9	1015.2	–	8.5	0.9	9.9	88	6.5	1	3	3	4	20	0	0	0	0	0	10	6	1	14	0	0	0	0	8	20	3	1	0	6	5	2	4	6	4
		15	1014.4	–	11.0	2.3	9.7	73	6.6	0	0	7	12	12	0	0	0	0	0	5	4	5	17	0	0	0	2	5	20	4	0	0	5	3	3	3	7	6
		21	1015.1	–	8.7	1.0	9.9	86	6.3	2	2	5	4	18	0	0	0	0	0	1	9	8	13	0	0	0	0	6	21	4	3	1	5	4	3	3	6	2
Shropshire																																										
Shawbury	76	3	1014.7	–	8.8	1.0	10.0	87	6.7	0	3	2	10	15	1	0	2	0	1	5	5	2	1	11	4	0	0	7	16	8	1	1	3	3	4	2	8	1
		9	1015.5	+0.2	9.7	1.3	10.1	83	6.1	0	6	2	11	10	2	0	1	0	1	6	5	3	1	12	2	0	1	8	21	1	1	1	6	2	4	5	8	3
		15	1014.5	–	12.3	2.8	9.7	68	6.2	0	2	8	8	13	0	0	0	0	0	1	3	9	4	10	4	0	2	11	18	0	3	0	8	5	2	4	4	5
		21	1015.3	–	9.6	1.3	10.0	83	6.9	0	2	2	10	16	1	0	0	1	1	3	3	5	4	10	4	0	0	6	22	3	3	3	2	3	6	1	6	4
West Midlands																																										
Elmdon	99	3	1014.7	–	8.8	0.8	10.2	89	6.4	1	2	4	9	13	2	0	1	1	0	3	7	6	5	6	2	0	0	4	24	3	4	2	1	2	6	5	7	1
		9	1015.4	–0.3	9.7	1.1	10.5	86	6.3	0	6	0	11	13	1	0	0	1	0	3	5	9	5	7	1	0	0	5	25	1	3	2	3	4	4	2	8	4
		15	1014.5	–	12.5	2.7	10.1	69	6.0	0	2	7	14	8	0	0	0	0	0	0	2	10	4	9	6	0	0	8	23	0	1	2	5	5	3	3	6	6
		21	1015.3	–	9.4	1.1	10.2	85	5.7	1	7	1	9	13	0	0	0	0	0	2	7	7	4	11	0	0	0	5	22	4	3	2	3	1	6	2	5	5
Hereford & Worcester																																										
Great Malvern	46	9	1015.6	–	10.2	1.0	11.0	88	6.5	1	3	3	5	18	1	1	0	0	2	2	8	3	4	11	0	0	0	2	26	3	3	5	3	1	6	2	4	4
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1015.5	–	9.8	0.8	11.0	89	6.0	3	1	6	3	16	2	0	1	0	1	0	5	8	6	10	0	0	0	0	2	25	4	3	3	0	2	5	4	6	4

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
4 MIDLAND COUNTIES - Continued																																											
Hereford & Worcester - Continued																																											
Madley	79	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1015.8	–	9.9	1.0	10.7	87	6.4	2	1	4	6	16	2	1	1	0	0	2	6	6	7	8	0	0	1	5	13	12	2	4	1	2	2	3	3	2				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Oxfordshire																																										
Brize Norton	92	3	1015.1	–	8.4	0.8	10.0	89	5.6	2	5	2	12	10	0	0	0	0	2	1	7	6	4	6	5	0	0	1	28	2	4	4	0	3	3	5	6	4				
		9	1015.7	–	9.8	1.0	10.7	86	6.4	1	4	1	9	16	0	0	1	0	1	1	7	7	3	7	4	0	0	5	24	2	1	8	1	3	4	4	7	1				
		15	1014.9	–	12.6	2.6	10.4	70	6.3	0	4	5	9	13	0	0	0	0	0	0	1	10	4	7	9	0	0	0	6	25	0	8	2	4	2	6	4	3	2			
		21	1015.7	–	9.4	1.1	10.3	86	5.2	4	5	3	8	11	0	0	0	0	0	0	5	12	2	8	4	0	0	4	23	4	2	4	4	2	3	3	6	3				
5 ENGLAND SE & CENT. S																																										
Greater London																																										
Heathrow	26	3	1015.1	–	9.2	0.8	10.5	89	5.5	3	4	3	15	6	0	0	0	0	0	2	9	5	1	11	3	0	0	2	27	2	3	6	3	2	1	4	6	4				
		9	1015.7	-0.6	10.9	1.4	10.9	82	5.8	1	4	3	16	6	1	0	1	0	2	0	5	5	7	8	3	0	0	4	26	1	6	3	2	3	4	2	5	5				
		15	1014.9	–	13.7	3.1	10.6	66	5.8	0	5	5	12	9	0	0	0	0	0	0	0	11	6	4	10	0	0	0	6	25	0	6	0	5	3	5	3	5	4			
		21	1015.7	–	10.6	1.4	10.7	82	4.9	1	9	5	8	8	0	0	0	0	0	0	4	11	5	9	2	0	0	2	27	2	3	1	4	4	6	2	3	6				
London	24	3	1015.0	–	10.4	1.4	10.6	82	5.2	4	5	1	15	6	0	0	0	0	0	1	3	11	3	10	3	0	0	0	7	24	0	3	7	2	2	5	3	6	3			
Weather Centre (X)		9	1015.6	–	11.5	1.8	10.8	78	6.0	1	4	4	11	11	0	0	0	0	2	0	2	10	6	9	2	0	0	0	9	22	0	3	7	3	1	4	2	5	6			
		15	1014.8	–	14.0	3.3	10.5	65	6.0	0	2	8	15	6	0	0	0	0	0	0	0	8	7	7	9	0	0	10	21	0	4	2	5	2	4	2	7	5			
		21	1015.6	–	11.6	2.0	10.6	76	4.8	5	5	4	11	6	0	0	0	0	0	0	2	11	2	14	2	0	0	9	22	0	6	3	5	2	4	5	4	2				
Wiltshire																																										
Lyneham	149	3	1015.2	–	8.1	0.5	10.1	92	5.9	2	4	4	10	11	0	0	0	2	4	3	7	2	3	6	4	0	0	6	23	2	2	8	1	0	7	4	3	4				
		9	1015.8	-0.3	9.5	0.8	10.8	90	6.3	0	6	2	8	13	2	0	1	2	1	6	5	3	1	7	5	0	1	8	22	0	4	5	4	2	4	5	3	4				
		15	1014.9	–	12.1	2.3	10.5	74	6.5	0	1	4	19	7	0	0	0	0	1	0	1	11	5	6	7	0	2	9	20	0	6	4	6	1	4	3	5	2				
		21	1015.8	–	9.1	0.9	10.4	88	5.7	2	5	2	11	11	0	0	0	0	1	0	9	6	4	5	6	0	0	7	23	1	5	3	3	4	5	2	4	4				
Berkshire																																										
Easthampstead	75	9	1016.0	–	10.2	1.2	10.8	85	5.9	2	5	2	6	16	0	0	0	1	1	1	8	5	1	10	4	0	0	1	26	4	3	2	5	1	5	2	6	3				
		15	1015.2	–	12.5	2.4	10.6	72	6.0	0	5	3	14	9	0	0	0	0	0	0	0	13	3	8	7	0	0	1	30	0	6	2	3	6	2	2	4	6				
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kent																																										
Langdon Bay	121	3	1015.3	–	10.1	0.9	11.2	88	4.2	10	2	4	6	9	0	0	1	0	1	1	1	7	2	18	0	0	3	21	6	1	2	1	3	2	8	3	4	7				
		9	1015.9	–	10.9	1.1	11.4	86	5.8	0	5	6	8	12	0	0	0	0	0	0	2	12	6	11	0	0	7	17	6	1	2	2	5	0	7	2	3	9				
		15	1015.3	–	12.5	2.1	11.1	75	6.0	0	2	10	5	14	0	0	0	0	0	0	3	7	7	14	0	1	3	12	13	2	4	1	5	0	7	4	4	4				
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manston	45	3	1015.4	–	9.8	0.9	10.8	87	4.7	4	6	5	8	8	0	0	0	2	0	2	3	6	7	10	1	0	0	9	22	0	2	1	3	7	5	1	6	6				
		9	1016.1	–	11.3	1.3	11.4	83	6.2	0	5	2	16	8	0	0	0	0	1	0	3	10	7	8	2	0	0	15	16	0	4	0	4	6	6	1	3	7				
		15	1015.4	–	12.9	2.3	11.1	74	5.4	0	5	8	10	8	0	0	0	0	0	0	3	7	7	10	4	0	2	9	20	0	2	0	8	3	3	3	3	9				
		21	1016.0	–	10.4	1.1	10.9	85	5.3	0	9	3	11	8	0	0	0	0	1	0	14	6	8	2	0	0	2	9	20	0	5	0	4	8	2	5	2	5				
Ulcombe	47	9	1016.0	–	10.6	1.1	11.1	86	6.0	4	0	4	11	11	1	0	0	1	0	0	4	20	6	0	0	0	0	4	23	4	2	1	5	2	6	2	5	4				
		21	1016.1	–	9.1	0.7	10.7	90	4.5	5	5	6	5	9	1	1	0	0	0	0	0	23	7	0	0	0	0	4	18	9	1	1	8	0	4	0	4	4				
Hampshire																																										
Solent	9	3	1015.5	–	10.3	1.1	11.1	86	5.1	6	2	7	1	15	0	0	0	0	0	0	1	3	16	11	0	0	0	10	17	4	6	3	2	0	5	3	4	4				
M R S C		9	1016.1	–	11.4	1.3	11.5	84	6.1	0	4	5	13	9	0	0	0	0	0	0	3	9	9	10	0	0	3	8	18	2	3	7	2	3	3	1	7	3				
		15	1015.5	–	13.7	2.4	11.7	74	6.2	0	0	11	10	10	0	0	0	0	0	0	1	2	16	12	0	0	4	8	18	1	5	2	5	3	3	2	6	4				
		21	1016.2	–	11.2	1.4	11.3	83	5.0	7	1	6	3	14	0	0	0	0	0	0	0	3	17	11	0	0	3	6	21	1	6	6	2	1	6	1	4	4				
Southampton	9	3	1015.4	–	9.9	1.2	10.5	85	4.6	7	3	5	9	7	0	0	0	0	0	1	4	11	6	9	0	0	0	0	30	1	5	6	1	0	6	1	7	4				
Weather Centre (X)		9	1016.0	–	11.1	1.4	11.1	82	6.3	0	5	1	15	10	0	0	0	0	1	1	4	8	5	12	0	0	0	2	29	0	2	9	3	3	2	2	8	2				
		15	1015.3	–	13.7	2.8	11.0	70	6.2	0	3	5	14	9	0	0	0	0	0	0	0	6	12	11	2	0	0	4	27	0	6	2	7	1	5	1	6	3				
		21	1016.1	–	11.1	1.5	11.0	81	5.3	4	3	5	11	8	0	0	0	0	0	0	2	13	4	12	0	0	0	2	29	0	5	6	3	1	6	1	5	4				
Isle of Wight																																										
St Catherine's	16	3	–	–	11.6	1.8	11.0	79	4.2	7	5	7	4	8	0	0	0	0	0	0	0	1	10	12	8	0	4	13	13	1	6	1	6	1	4	3	6	3				
Point		9	–	–	12.2	1.9	11.3	78	6.0	0	4	7	9	11	0	0	0	0	0	0	0	1	10	15	5	0	3	19	9	0	3	3	6	1	6	1	7	4				
		15	–	–	13.1	2.2	11.5	75	6.3	0	2	8	9	12	0	0	0	0	0	0	0	0	8	19	4	0	3	14	9	5	2	1	7	2	3	1	8	2				
		21	–	–	12.0	1.9	11.0	77	4.7	4	6	7	3	11	0	0	0	0	0	0	0	1	8	16	6	2	4	9	15	1	5	2	7	1	4	2	4	5				
Wellow	25	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1016.1	–	10.3	1.0	11.2	88	4.9	7	2	5	5	12	0	0	0	0	0	0	6	10	2	13	0	0	2	5	22	2	1	6	2	6	2	2	7	3				
West Sussex																																										
Gatwick	64	3	1015.6	–	8.2	0.7	10.1	91	5.4	4	5	2	7	11	2	1	0	1	1	2	5	6	6	8	1	0	0	1	25	5	2	2	7	2	1	4	3	5				
		9	1016.2	-0.4	10.5	1.3	10.8	84	5.9	1	4	4	12	9	1	0	0	1	1	3	4	7	6	8	1	0	0	1	27	3	3	0	7	3	4	3	3	5				
		15	1015.3	–	13.1	2.6	10.9	71	6.1	0	3	6	13	9	0	0	0	0	0	0	0	10	6	9	6	0	0	4	25	2	4	3	3	4	3	1	7	4				
		21	1016.2	–	9.2	1.0	10.4	87	5.0	2	7	4	11	7	0	0	0	1	0	1	4	9	5	9	2	0	0	2	23	6	2	1	6	2	3	4	2	5				
East Sussex																																										
Herstmonceux	25	3	1015.6	–	9.0	0.9	10.4	88	4.5	6	5	4	6	10	0	0	0	0	0	1	1	2	5	9	9	4	0	0	5	26	0	1	8	2	1	4	4	4	7			
		9	1016.2	–	10.9	1.3	11.2	84	5.8	1	5	3	13	9	0	0	0	0	0	0	3	7	7	10	4	0	0	8	23	0	3	7	2	1	6	3	4	5				
		15	1015.6	–	13.0	2.4	11.1	73	6.1	0	5	3	14	9	0	0	0	0	0	0	1	5	6	11	8	0	3	5	23	0	5	2	7	1	5	3	6	2				
		21	1016.2	–	9.8	1.1	10.6	86	5.1	1	6	9	7	8	0	0	0	0	0	0	2	5	10	11	3	0	0	5	25	1	6	7	4	2	3	1	3	4				
7A ENGLAND NW & I.o.M.																																										
Cumbria																																										
Aspatria	64	9	1014.2	–	9.0	0.8	10.5	90	6.2	1	2	6	11	10	1	0	1	1	1	0	3	9	3	4	9	0	3	5	20	3	5	4	3	1	3	4	7	1				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1013.8	–	9.3	0.9	10.5	89	6.5	0	4	2	8	17	0	0	0	0	0	1	3	8	7	5	7	0	2	7	14	8	1	2	6	1	5	3	4	1				
Eskmeals	9	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: Number of observations: 0 - 39 m	Visibility: Number of observations: 40 - 190 m	Visibility: Number of observations: 200 - 390 m	Visibility: Number of observations: 400 - 990 m	Visibility: Number of observations: 1000 - 1900 m	Visibility: Number of observations: 2000 - 3900 m	Visibility: Number of observations: 4 - 9 km	Visibility: Number of observations: 10 - 19 km	Visibility: Number of observations: 20 - 39 km	Visibility: Number of observations: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Wind speed and direction: Beaufort force: 6-7	Wind speed and direction: Beaufort force: 4-5	Wind speed and direction: Beaufort force: 1-3	Wind speed and direction: Beaufort force: Calm	Wind speed and direction: Speed (kn): 34 or more	Wind speed and direction: Speed (kn): 22-33	Wind speed and direction: Speed (kn): 11-21	Wind speed and direction: Speed (kn): 1-10	Wind speed and direction: Speed (kn): 0	Wind speed and direction: Number of observations: N	NE	E	SE	S	SW	W	NW
7A ENGLAND NW & I.o.M. - Continued																																										
Lancashire																																										
Aughton	56	3	1013.8	–	9.7	0.9	10.7	88	6.2	0	4	5	8	14	0	0	0	0	0	1	2	6	4	12	6	0	0	7	22	2	2	4	6	4	5	0	5	3
		9	1014.6	–	10.2	1.2	10.7	85	6.3	0	2	6	12	11	0	0	1	0	1	2	3	7	1	10	6	0	2	4	24	1	1	4	4	4	5	2	6	4
		15	1013.9	–	11.8	2.0	10.7	76	6.4	0	2	8	10	11	0	0	0	0	0	2	1	7	6	3	12	0	2	8	20	1	2	0	6	4	3	3	4	8
		21	1014.4	–	10.1	1.2	10.7	85	6.6	0	2	4	11	14	0	0	0	0	0	1	3	4	4	9	10	0	1	7	19	4	3	2	6	4	5	0	5	2
Squires Gate	11	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Merseyside																																									
Crosby	9	3	1013.7	–	10.4	1.3	10.6	83	6.6	2	1	4	2	22	0	0	0	0	0	0	3	4	8	13	3	1	5	8	10	7	1	4	1	3	5	1	4	5
		9	1014.4	–	10.6	1.4	10.6	82	6.8	1	1	4	5	20	0	0	0	0	0	1	9	5	2	11	3	2	1	10	12	6	5	1	5	1	3	2	7	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greater Manchester																																									
Ringway	84	3	1014.4	–	9.1	0.9	10.3	88	6.3	0	4	3	12	10	2	0	0	2	1	0	9	6	5	7	1	0	0	9	19	3	1	5	2	2	8	2	4	4
		9	1015.0	+0.1	9.8	1.3	10.3	84	6.1	0	2	7	14	7	1	0	0	1	0	1	5	7	9	6	2	0	0	8	23	0	1	3	5	3	4	5	6	4
		15	1014.2	–	12.4	2.8	9.9	68	6.0	0	3	7	11	10	0	0	0	0	0	0	2	8	7	6	8	0	3	9	18	1	2	1	4	2	4	5	6	6
		21	1014.9	–	9.9	1.3	10.2	83	6.4	1	2	3	17	8	0	0	0	0	0	3	4	8	8	6	2	0	0	10	21	0	1	2	6	0	8	4	5	5
Isle of Man																																									
Calf of Man	93	3	–	–	–	–	–	–	7.0	0	3	3	4	21	0	0	0	0	0	0	0	1	12	18	0	5	3	12	11	0	4	0	7	2	4	3	10	1
		9	–	–	–	–	–	–	6.5	0	0	10	7	14	0	0	0	0	1	0	0	2	6	18	4	2	5	14	10	0	6	0	5	3	4	3	7	3
		15	–	–	–	–	–	–	6.3	0	1	10	7	13	0	0	0	0	0	0	0	2	8	14	7	3	7	14	7	0	5	1	5	2	7	3	5	3
		21	–	–	–	–	–	–	7.0	0	0	5	6	20	0	0	0	0	0	0	0	1	8	18	4	5	6	13	7	0	2	1	4	4	8	1	7	4
Point of Ayre	11	3	1012.7	–	10.7	1.2	11.0	85	6.0	0	7	2	5	17	0	0	0	0	0	0	0	1	4	14	12	2	6	13	7	3	4	2	2	6	1	2	7	4
		9	1013.6	+0.2	10.8	1.4	10.9	83	6.6	0	2	5	9	15	0	0	0	0	1	0	0	3	6	13	8	1	3	13	13	1	3	1	4	6	3	2	6	5
		15	1013.0	–	11.9	1.9	10.8	78	6.3	0	1	6	12	12	0	0	0	0	0	0	0	2	11	11	7	3	2	14	9	3	1	0	6	5	3	2	6	5
		21	1013.3	–	11.3	1.4	11.2	83	6.3	1	4	4	4	18	0	0	0	0	0	0	1	4	19	7	1	7	12	7	4	2	1	3	2	7	1	3	8
Ronaldsway	21	3	1013.2	–	10.3	1.3	10.6	83	6.4	0	5	2	5	19	0	0	0	0	0	0	2	5	12	9	3	0	4	12	15	0	6	4	2	3	3	2	8	3
		9	1014.1	+0.4	10.8	1.7	10.3	78	6.4	0	3	3	15	10	0	0	0	0	0	0	2	5	7	9	8	1	2	15	10	3	2	3	3	3	2	3	7	5
		15	1013.3	–	11.9	2.2	10.4	74	6.1	0	2	8	11	10	0	0	0	0	0	0	1	5	8	9	8	1	5	13	12	0	4	3	2	6	5	3	4	4
		21	1013.7	–	11.0	1.4	10.9	82	6.7	0	2	2	16	11	0	0	0	0	0	0	1	8	8	11	3	0	7	12	12	0	5	2	3	3	6	2	4	6
7B WALES N																																									
Gwynedd																																									
Nantmor	52	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	10.3	1.1	10.9	86	6.5	2	2	3	2	22	0	0	0	0	0	0	0	4	26	0	1	0	0	3	12	16	5	1	1	0	5	1	2	0
Valley	11	3	1013.9	–	10.4	1.2	10.8	84	6.5	0	4	2	9	16	0	0	0	0	0	0	3	5	6	11	6	1	4	10	13	3	5	4	2	1	3	2	6	5
		9	1014.8	+0.6	11.0	1.6	10.6	80	6.1	1	3	4	14	9	0	0	1	0	0	0	3	5	1	11	10	1	2	12	14	2	4	3	6	1	2	5	4	4
		15	1014.1	–	12.6	2.4	10.7	73	6.5	0	2	5	12	12	0	0	0	0	0	0	0	7	6	6	12	0	6	9	14	2	3	2	1	2	9	2	3	7
		21	1014.5	–	11.0	1.5	10.8	81	6.4	1	1	5	12	12	0	0	0	0	1	0	0	7	2	14	7	0	4	10	15	2	4	4	5	1	7	1	2	5
Clwyd																																									
Moel-y-Crio	263	9	1015.2	–	8.8	0.8	10.2	89	6.3	0	4	2	14	11	0	0	2	0	2	3	5	3	4	7	5	0	2	12	14	3	8	0	1	1	7	2	7	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1014.9	–	8.5	0.7	10.2	90	6.7	0	1	5	9	15	1	1	0	1	5	0	1	6	2	10	5	0	4	9	18	0	2	1	3	2	10	4	2	7
8A WALES S																																									
Dyfed																																									
Aberporth	134	3	1014.1	–	10.0	1.2	10.4	84	5.8	1	5	5	7	13	0	0	0	0	0	0	1	8	6	16	0	1	6	14	10	0	4	0	3	5	5	4	1	9
		9	1014.8	–0.2	10.4	1.5	10.4	81	5.9	0	6	3	15	7	0	0	0	0	0	0	1	7	10	8	5	2	7	8	14	0	7	2	4	4	7	2	3	2
		15	1014.3	–	11.6	2.1	10.4	76	6.5	0	2	4	14	11	0	0	0	0	0	0	1	6	7	9	8	1	5	12	13	0	5	2	1	6	6	2	5	4
		21	1014.9	–	10.5	1.4	10.5	82	6.5	1	3	1	10	16	0	0	0	0	0	0	0	9	4	15	3	2	4	14	11	0	6	1	3	6	8	1	3	3
Brawdy	116	3	1014.5	–	9.1	0.8	10.5	89	5.5	4	3	4	9	11	0	0	0	0	1	0	2	4	8	12	4	0	6	10	15	0	6	2	8	1	2	4	2	6
		9	1015.0	–	10.2	1.3	10.6	84	6.0	0	5	4	14	8	0	0	0	0	0	0	4	5	5	11	6	1	3	17	10	0	7	4	4	5	1	3	5	2
		15	1014.5	–	11.3	1.8	10.6	78	6.5	0	0	7	16	8	0	0	0	0	1	0	1	8	5	5	11	0	6	17	8	0	7	1	2	6	5	3	5	2
		21	1015.1	–	9.9	1.1	10.5	85	5.9	0	5	5	10	11	0	0	0	0	0	1	3	4	4	14	5	0	7	9	15	0	5	4	6	2	4	4	1	5
Milford Haven	39	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1015.2	–0.1	11.1	1.2	11.3	85	5.9	0	5	7	8	11	0	0	0	0	0	0	1	9	5	16	0	1	3	8	18	1	8	5	2	3	2	4	4	2
		15	1014.8	–	12.4	1.6	11.8	81	6.2	0	1	10	7	13	0	0	0	0	0	0	0	9	6	16	0	0	1	13	16	1	5	2	7	1	5	3	4	3
		21	1015.4	–	11.2	1.3	11.3	84	5.5	2	5	6	5	13	0	0	0	0	0	0	0	2	17	12	0	0	2	11	16	2	5	4	4	3	4	2	3	4
West Glamorgan																																									
Mumbles Head	32	3	1014.8	–	10.7	0.9	11.5	88	5.8	2	5	2	8	14	0	0	0	0	0	0	0	3	16	12	0	0	3	11	17	0	5	5	4	1	4	1	9	2
		9	1015.3	–0.5	11.3	1.2	11.7	85	6.2	0	3	5	13	10	0	0	0	0	0	0	0	10	13	8	0	0	4	8	18	1	5	5	5	2	3	0	5	5
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mid Glamorgan																																									
Cwmbargoed	372	9	–	–	8.2	0.4	10.4	94	6.0	0	5	4	10	12	0	0	0	0	2	7	0	7	2	13	0	0	1	8	15	7	4	3	4	1	4	2	1	5
South Glamorgan																																									
Rhoose	74	3	1014.9	–	9.2	0.8	10.6	89	5.9	1	6	2	7	15	0	0	0	0	1	1	1	9	5	10	4	0	0	9	21	1	2	10	2	2	2	4	3	5
		9	1015.5	–0.5	10.4	1.1	11.0	86	5.9	0	3	7	11	10	0	0	1	0	0	0	6	6	6	10	2	0	1	11	16	3	3	9	5	0	2	1	4	4
		15	1014.9	–	12.1	2.1	10.8	76	6.3	0	3	5	13	10	0	0	0	0	0	1	1	10	4	11	4	0	3	10	18	0	2	5	6	3	3	3	6	3
		21	1015.6	–	9.6	1.0	10.5	87	5.9	0	6	4	10	11	0	0	0	0	1	1	3	9	2	11	4	0	1	7	23	0	5	7	3	1	3	2	6	4
8B ENGLAND SW																																									
Avon																																									
Bristol	40	3	1015.1	–	10.0	1.3	10.3	83	5.8	2	4	2	14	9	0	0	0	0	0	0	0	8	8	4	11	0	0	0	1	20	10	3	4	2	1	2	3	6	0
Weather Centre (X)		9	1015.7	–0.6	10.9	1.6	10.6	81	6.0	0	4	4	12	11	0	0	0	0	0	1	1	4	10	3	10	2	0	0	4	19	8	1	4	4	2	4	2	5	1
		15	1015.0	–	13.1	2.9	10.4	68	6.0	0	4	7	8	12	0	0	0	0	0	0	1	0	10	6	6	8	0	1	3	26	1	3	5	5	3	3	3	6	2
		21	1015.8	–	10.9	1.6	10.6	80	5.5	4	3	3	9	12	0	0	0	0	0	1	5	11	4	8	2	0	0	5	20	6	1	3	3	4	3	3	4	4	3

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Mean (Oktas)	Cloud amount: 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
8B ENGLAND SW - Continued																																											
Somerset																																											
Tivington	83	3	1015.4	–	9.6	0.9	10.7	88	6.2	0	4	5	8	14	0	0	0	0	0	2	5	7	13	4	0	0	0	6	24	1	4	4	1	2	3	6	6	4
		9	1016.0	–	10.5	1.0	11.2	87	6.2	0	3	4	14	10	0	0	0	0	1	2	6	10	5	4	3	0	0	7	23	1	2	2	6	3	4	6	4	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1016.2	–	9.8	1.0	10.7	88	6.0	0	5	5	7	14	0	0	0	0	2	0	3	7	7	10	2	0	0	5	25	1	4	1	1	3	7	2	9	3
Yeovilton	23	3	1014.9	–	8.7	0.8	10.3	90	5.6	2	5	4	9	10	1	1	0	1	3	0	3	6	12	5	0	0	0	4	18	9	1	1	2	2	6	4	3	3
		9	1015.5	–	10.6	1.1	11.1	86	6.4	0	2	7	8	12	2	1	1	0	1	2	7	4	10	5	0	0	1	6	17	7	1	2	5	1	4	3	5	3
		15	1014.8	–	12.9	2.4	10.9	73	6.6	0	0	6	14	11	0	0	0	0	1	0	2	9	10	9	0	0	0	1	7	22	1	6	5	4	1	5	4	3	2
		21	1015.6	–	9.8	1.0	10.7	87	5.7	3	4	3	8	13	0	0	2	1	0	2	2	10	7	7	0	0	0	3	23	5	2	3	2	2	5	1	7	4
Dorset																																											
Hurn	11	3	1015.4	–	8.3	0.7	10.2	90	5.6	3	3	5	10	10	0	0	0	1	1	2	6	6	6	7	2	0	0	6	24	1	4	5	1	2	6	1	6	5
		9	1015.9	–0.9	10.4	1.0	11.2	87	6.4	0	3	3	16	9	0	0	0	0	1	3	4	6	5	10	2	0	0	7	23	1	5	6	3	2	2	3	4	5
		15	1015.3	–	12.8	2.2	11.3	75	6.5	0	1	7	11	12	0	0	0	0	0	0	1	10	4	12	4	0	1	10	20	0	6	3	5	1	4	3	5	4
		21	1016.0	–	9.6	1.0	10.6	87	5.5	4	2	4	12	9	0	0	0	1	1	0	4	10	3	11	1	0	1	5	25	0	8	3	2	3	5	3	5	2
Portland	54	9	1015.4	–	12.0	1.6	11.4	81	6.3	0	3	4	11	13	0	0	0	0	0	2	3	9	7	10	0	0	0	6	13	12	0	5	5	5	1	3	4	3	5
Bill C.G.		15	1015.0	–	13.0	2.2	11.4	75	6.5	0	1	6	11	13	0	0	0	0	0	1	0	5	11	13	1	0	5	15	11	0	5	4	5	1	3	3	7	3
Devon																																											
Lundy	43	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	12.9	2.1	11.4	76	6.5	0	0	10	8	13	0	0	0	0	0	0	0	1	11	14	5	1	7	9	14	0	8	4	5	1	5	2	6	0
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mount Batten	28	3	1015.3	–	9.7	0.8	10.9	89	5.8	1	7	2	6	15	0	0	0	0	0	1	2	7	13	8	0	0	1	8	14	8	2	2	5	2	2	3	4	3
		9	1015.7	–0.5	10.7	1.2	11.0	85	5.7	0	5	7	10	9	0	0	0	0	0	0	2	7	9	13	0	0	2	9	11	9	4	1	8	1	3	1	2	2
		15	1015.1	–	12.9	2.4	10.9	72	6.1	0	3	5	17	6	0	0	0	0	0	0	1	5	8	10	7	0	2	12	17	0	5	1	3	4	6	4	3	5
		21	1016.0	–	10.5	1.2	11.0	85	5.4	2	6	4	10	9	0	0	0	0	0	1	1	5	10	14	0	0	0	8	17	6	2	6	5	0	4	2	5	1
Cornwall																																											
Camborne	88	3	1015.3	–	10.6	1.3	10.8	84	6.0	1	3	7	6	14	0	0	0	0	0	0	0	8	3	15	5	0	2	13	15	1	5	1	6	2	6	3	0	7
		9	1015.7	–	11.4	1.3	11.4	84	6.5	0	1	6	14	10	0	0	0	0	0	1	2	9	4	11	4	1	4	9	16	1	6	2	5	1	7	4	3	2
		15	1015.4	–	12.4	1.9	11.3	78	6.5	0	1	6	16	8	0	0	0	0	0	0	0	3	8	5	4	11	0	1	20	10	0	7	2	2	5	5	3	2
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Culdrose	84	3	1015.2	–	10.6	0.9	11.5	89	5.4	2	5	5	7	12	0	0	0	0	0	0	2	7	8	14	0	0	3	11	17	0	4	3	6	2	2	4	5	5
		9	1015.5	–	11.2	0.9	11.9	89	6.4	0	1	8	12	10	0	0	1	0	0	0	2	9	9	9	1	0	2	12	17	0	7	4	5	1	3	5	2	4
		15	1015.2	–	12.7	1.6	12.1	82	6.5	0	0	7	14	10	0	0	0	0	0	2	2	8	7	12	0	0	4	14	13	0	5	3	2	5	4	5	3	4
		21	1015.9	–	10.9	0.9	11.6	88	6.0	0	2	9	9	11	0	0	0	0	0	1	2	3	12	13	0	0	0	14	17	0	5	3	4	3	4	4	2	6
Gwennap Head	70	3	1014.8	–	11.6	1.5	11.2	81	5.9	1	4	5	6	15	0	0	0	0	0	0	0	1	5	18	7	0	7	17	7	0	5	4	2	2	7	1	5	5
		9	1015.1	–	12.0	1.6	11.4	81	6.8	0	0	5	10	16	0	0	0	0	0	0	3	7	9	6	6	1	5	15	10	0	4	2	2	3	9	0	4	7
		15	1014.9	–	12.6	2.1	11.2	76	–	–	–	–	–	–	–	0	0	0	0	0	1	6	8	9	7	1	6	16	7	1	3	2	3	3	10	3	3	3
		21	1015.6	–	11.6	1.7	11.0	80	5.2	2	5	9	4	11	0	0	0	0	0	0	2	6	13	10	0	0	8	14	9	0	6	5	2	2	7	1	4	4
St Mawgan	107	3	1015.1	–	10.7	1.2	10.9	84	6.0	1	4	3	9	14	0	0	0	0	0	1	2	6	6	15	1	0	3	9	19	0	3	1	8	2	6	1	5	5
		9	1015.4	–0.7	11.4	1.4	11.4	83	6.2	0	2	6	15	8	0	0	0	0	0	0	4	9	5	10	3	0	2	11	18	0	6	3	6	2	7	1	4	2
		15	1015.1	–	12.6	2.1	11.2	76	6.5	0	2	3	18	8	0	0	0	0	0	0	2	7	5	7	10	0	2	17	12	0	7	0	2	6	7	0	5	4
		21	1016.0	–	10.7	1.2	10.9	85	6.0	0	4	6	9	12	0	0	0	0	0	1	1	7	6	14	2	0	3	10	18	0	4	1	8	3	7	1	4	3
CHANNEL ISLANDS																																											
Channel Islands																																										
Guernsey	107	3	1015.1	–	11.4	1.5	11.2	81	5.9	0	3	7	12	9	0	0	0	0	0	0	0	6	5	14	6	0	2	16	13	0	2	5	7	1	3	2	6	5
Airport		9	1015.8	–	12.3	1.9	11.2	77	6.2	0	4	3	17	7	0	0	0	0	0	0	0	4	6	13	8	0	2	11	16	2	4	3	5	2	4	3	1	7
		15	1015.2	–	13.1	2.1	11.6	75	6.0	0	4	6	11	10	0	0	0	0	0	0	1	5	4	13	8	0	2	14	15	0	7	3	7	2	4	0	6	2
		21	1015.9	–	11.7	1.7	11.1	79	5.7	1	5	4	12	9	0	0	0	0	0	0	0	5	9	8	9	0	4	11	16	0	3	5	6	1	6	1	2	7
Jersey Airport	94	3	1015.4	–	11.3	1.5	11.0	81	5.7	0	6	4	11	10	0	0	0	0	0	0	4	3	5	12	7	0	2	14	12	3	4	3	7	0	4	3	5	2
		9	1016.1	–0.8	12.2	1.8	11.3	79	6.2	0	3	4	20	4	0	0	0	0	0	0	3	4	19	5	0	2	12	13	4	1	4	7	2	4	3	1	5
		15	1015.5	–	13.1	2.0	11.8	78	6.3	0	3	6	10	12	0	0	0	0	0	0	2	6	3	15	5	0	5	12	12	2	5	4	4	3	4	1	6	2
		21	1016.2	–	11.6	1.6	11.1	80	5.3	0	5	9	8	9	0	0	0	0	0	0	3	4	5	12	7	0	3	12	15	1	3	6	6	2	6	0	4	3
NORTHERN IRELAND																																										
Antrim																																										
Aldergrove	73	3	1013.3	–	8.5	0.8	10.0	89	6.6	0	2	3	12	14	0	0	0	0	1	1	2	5	4	5	13	0	1	6	21	3	2	3	2	4	4	5	4	4
		9	1014.0	+0.9	8.9	0.9	10.1	88	6.2	0	5	1	14	11	0	0	0	0	1	1	2	9	7	9	2	0	0	10	21	0	1	3	2	4	8	4	6	3
		15	1013.0	–	10.9	1.7	10.4	79	6.7	0	0	4	17	10	0	0	0	0	0	0	3	5	6	11	6	0	3	12	16	0	2	3	1	5	7	2	7	4
		21	1013.5	–	9.4	1.1	10.2	86	6.1	1	3	4	12	11	0	0	0	0	0	0	1	3	9	13	5	0	1	8	20	2	1	1	5	4	6	1	7	4
Londonderry																																										
Carmoney	73	9	–	–	8.9	1.0	10.0	87	6.2	0	5	2	13	10	1	0	0	1	0	0	0	0	1	29	0	0	3	6	17	5	3	1	2	0	10	6	4	0
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Down																																										
Long Kesh	39	3	1013.4	–	8.8	0.8	10.2	88	6.6	0	3	4	6	18	0	0	0	0	1	0	1	8	7	14	0	0	1	3	26	1	0	1	5	1	3	4	9	7
		9	1014.2	–	9.2	1.1	10.2	86	5.9	0	6	2	12	11	0	0	0	0	0	2	2	10	6	10	1	0	0	7	22	2	2	0	6	2	2	5	9	3
		15	1013.1	–	11.5	2.0	10.5	76	6.8	0	1	5	12	13	0	0	0	0	0	0	2	8	7	12	2	0	3	9	19	0	0	0	5	4	4	4	6	8
		21	1013.6	–	9.6	1.1	10.3	85	6.2	1	3	6	5	15	1	0	1	0	0	0	0	9	4	16	1	0	0	8	22	1	2	0	6	1	6	3	6	6
Tyrone																																										
Carrigans	113	9	1013.6	–	8.5	0.8	9.9	88	6.3	0	1	11	7	11	1	0	0	1	1	1	1	10	12	5	0	0	2	6	17	6	3	3	2	5	4	1	4	3
		21	1013.1	–	9.1	1.0	10.2	87	6.3	1	1	7	8	13	1	0	0	0	1	0	1	8	21	0	0	0	1	11	16	3	3	2	3	6	4	1	3	6
Fermanagh																																										
Corgary	144	9	1014.2	–	8.6	1.1	9.6	85	6.7	0	0	5	15	11	0	0	0	0	0	0	3	11	4	10	3	0	3	15	4	9	2	0	3	8	2	2	4	1

Table 5 Number of days with max. and min. temperatures between given limits — October 1991

Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	0	19	12	0	0	0	0	0	0	0	0	6	21	4	0
Kirkwall	0	0	5	26	0	0	0	0	0	0	0	0	6	22	3	0
Stornoway	0	0	9	22	0	0	0	0	0	0	0	0	10	21	0	0
Braemar	0	2	14	14	1	0	0	0	0	0	0	5	16	10	0	0
Craibstone	0	0	8	23	0	0	0	0	0	0	0	0	9	19	3	0
Dunstaffnage	0	0	3	25	3	0	0	0	0	0	0	0	9	21	1	0
Abbotsinch	0	0	5	25	1	0	0	0	0	0	0	1	12	15	3	0
Rothesay	0	0	4	27	0	0	0	0	0	0	0	0	4	24	3	0
Eskdalemuir	0	0	13	17	1	0	0	0	0	0	0	4	9	15	3	0
Boulmer	0	0	4	23	4	0	0	0	0	0	0	0	5	19	7	0
Leeming	0	0	4	21	6	0	0	0	0	0	0	1	8	14	8	0
Hull	0	0	3	16	12	0	0	0	0	0	0	0	5	18	8	0
Cranwell	0	0	7	14	10	0	0	0	0	0	0	0	9	18	4	0
Cambridge N I A B	0	0	4	15	10	2	0	0	0	0	0	1	6	20	4	0
Lowestoft	0	0	2	18	11	0	0	0	0	0	0	0	5	15	11	0
Shawbury	0	0	7	16	7	1	0	0	0	0	0	0	8	17	6	0
Elmdon	0	0	8	12	10	1	0	0	0	0	0	0	9	19	3	0
Heathrow	0	0	3	13	13	2	0	0	0	0	0	0	6	18	7	0
Southampton	0	0	1	17	12	1	0	0	0	0	0	0	6	15	10	0
Hastings	0	0	2	17	12	0	0	0	0	0	0	0	5	13	12	1
Douglas	0	0	5	24	2	0	0	0	0	0	0	0	1	25	5	0
Ringway	0	0	6	18	6	1	0	0	0	0	0	0	1	5	17	8	0
Valley	0	0	1	22	8	0	0	0	0	0	0	0	1	18	12	0
Aberporth	0	0	6	22	3	0	0	0	0	0	0	0	1	23	7	0
Rhoose	0	0	4	20	7	0	0	0	0	0	0	0	6	19	6	0
Falmouth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aldergrove	0	0	7	22	2	0	0	0	0	0	0	0	6	20	5	0
Armagh	0	0	6	24	1	0	0	0	0	0	0	0	9	19	3	0

Table 6 Summary of autographic records of wind

District / Region/County and Place	Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
				34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind				Gust			
	Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day	Hour beginning	Veer from N	Speed-kn	Day	Time
0 SCOTLAND N																				
Shetland	Fair Isle	71	10	10	6 7 17 31	12	14	207	300	187	38	0	16.3	350	44	17	18	350	69	17	1900
	Lerwick	93	10	10	17	9	14	183	292	223	37	0	15.2	360	41	17	17	350	64	17	1742
	Sella Ness	16	10		3 17 18 30 31	35	15	172	343	166	28	0	16.6	010	44	17	18	010	65	17	2118
	Sumburgh	35	10	10	16-18 31	13	16	197	325	177	32	0	16.1	360	39	17	19	360	64	17	1918
Orkney	Kirkwall Airport	41	15	10	17 18 31	15	14	153	282	221	73	0	14.2	350	42	17	18	350	62	17	2000
Western Isles	Benbecula	16	10	10	1 16 17 31	38	13	154	226	263	63	0	14.9	310	50	16	18	300	72	16	1806
	Butt Of Lewis	43	10	10	1-4 6 15-18 31	95	16	135	226	248	40	0	17.0	300	58	16	21	300	75	16	2100
	Stornoway	12	10	10	2 6 16 17	18	10	88	195	227	198	18	10.7	300	43	16	20	300	65	16	2030
Highland	Aviemore	250	10	10		0	4	24	178	236	306	0	7.2	190	28	6	20	220	56	16	1254
	Dalcross	20	10	10		0	6	35	171	306	232	0	8.1	230	32	16	17	250	53	16	1236
	Duirinish	38	20	17	1 2 6 16 17	38	11	121	129	278	173	5	11.9	300	45	16	18	340	68	17	1048
	Invergordon Harbour	19	16	06		0	5	40	124	284	296	0	7.0	260	33	16	22	260	59	16	2218
	Shin	24	10	10		0	3	10	102	268	364	0	5.6	260	25	1	12	290	45	17	0000
	Wick	45	10	10	17 31	3	10	104	317	264	56	0	12.5	340	36	17	18	330	57	17	1906
1 SCOTLAND E																				
Grampian	Aberdeen, Dyce Airport	68	10	10		0	8	47	226	342	129	0	9.9	330	31	17	21	330	52	17	1918
	Cairngorm	1075	10	10	1 3 4 6 7 15-17 31	104	15	110	303	129	98	0	17.5	260	54	16	18	260	94	16	1618
	Kinloss	18	13	13	16	1	8	73	167	296	207	0	9.0	230	34	16	17	220	54	16	1706
	Lossiemouth	17	10	10		0	7	76	171	364	133	0	9.6	270	32	17	00	210	53	16	1412
	Peterhead Harbour	34	30	15	16 17 31	8	15	127	328	240	41	0	14.2	280	37	17	00	170	57	31	1312
Tayside	Mylnefield	40	10	10		0	3	9	140	306	289	0	6.4	260	26	1	12	260	44	1	1254
	Tummel Bridge	161	16	16		0	2	6	120	268	342	8	5.8	250	27	16	23	250	59	16	2330
	Perth Aerodrome	118	10	10		0	7	19	155	351	219	0	7.3	220	27	4	12	250	47	16	1342
	Rannoch	307	17	17		0	6	43	191	314	174	22	8.8	280	32	1	14	230	55	16	1542
Fife	Leuchars	25	13	13	1 4 16	7	9	66	225	289	157	0	10.4	250	36	1	13	230	56	16	1618
Lothian	Edinburgh Turnhouse Airport	43	13	10	1	1	6	41	185	271	246	0	8.4	260	34	1	13	250	63	1	1318
	Royal Observatory, Blackford Hill	159	10	10	1 4 6 16	13	10	97	177	306	136	15	11.0	190	39	6	17	190	69	6	1748
	Forth Road Bridge	72		72	1 16 17	33	10	89	243	275	104	0	12.6	250	46	1	13	240	64	1	1248
	Leith	15	09		1 3 16 17	25	9	74	210	191	243	1	10.7	250	44	1	14	260	59	1	1136
Borders	Charter Hall	112		10	1	2	5	49	184	348	161	0	8.8	270	35	1	15	270	60	1	1600
6 SCOTLAND W																				
Strathclyde	Abbotsinch Airport	16	10	10		0	8	45	141	309	245	4	7.7	280	28	16	22	220	53	16	1606
	Blairlinnans	145	13	12		0	8	57	186	310	150	41	9.7	270	32	17	01	270	60	17	0012
	Dunstaffnage	13	10	10	1 16	6	4	40	181	317	200	0	8.7	280	35	16	19	270	56	16	2006
	Greenock Port	51	49		16 17	2	9	62	259	339	82	0	11.2	290	37	17	13	280	62	16	2142
	Inchterf	55	15	12		0	4	31	120	258	335	0	6.7	260	29	16	23	260	57	16	2336
	Lowther Hill	754	27																		
	Machrihanish	10	10	10	1 16 17 31	37	11	81	306	240	80	0	13.5	290	43	17	11	290	64	17	0636
	Prestwick Airport	21	10	10		0	4	48	196	316	184	0	9.1	270	31	1	16	240	60	16	1636
	Salsburgh	275	15	11	1 6 16 17 31	26	12	100	246	319	53	0	13.1	250	40	16	18	260	66	16	2000
	Tiree	21	11	10	1 6 16 17 30 31	43	15	180	259	240	22	0	16.2	130	44	31	03	130	67	31	0300
Dumfries & Galloway	Chapelcross	64	15	15		0	4	30	193	312	209	0	8.1	280	26	16	18	280	47	16	1336
	Dumfries, Drungans	28	13	10		0	0	0	128	258	358	0	5.6	250	21	16	23	270	43	16	2336
	Eskdalemuir	259	10	10		0	5	24	184	216	320	0	7.3	270	26	16	21	290	56	16	2054
	West Freugh	24	10	10	31	1	12	80	189	328	146	0	10.0	140	34	31	05	270	60	17	0312
	Whithorn	40	15		16 17 31	14	12	100	279	275	76	0	12.8	130	37	31	06	260	65	17	1236

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day	Hour beginning	Veer from N	Speed-kn	Day Time
2 ENGLAND E & N E																				
Northumberland	Blyth	19	10	10	16 17	2	6	48	226	375	69	24	10.3	240	34	16	17	230	57	16 1936
	Boulmer	33	10	10		0	6	44	233	348	119	0	9.8	140	33	31	12	250	49	17 1206
Tyne & Wear	South Shields	22	17	13	Defective record															
Durham	Burnhope	244	10	10	1	2	5	45	210	352	129	6	9.5	260	34	1	16	240	60	17 1418
Cleveland	Hartlepool	15	10	10	Defective record															
North Yorkshire	Church Fenton	18	10	10		0	4	36	149	293	266	0	7.4	260	31	1	14	260	55	1 1354
	Fylingdales	242	10	10		0	7	73	271	298	99	3	11.2	250	33	17	13	260	50	17 1254
	Leeming	42	10	10		0	8	48	197	252	247	0	8.7	270	33	16	17	270	61	16 1648
	Linton-on-Ouse	24	10	10		0	4	26	195	321	202	0	8.2	270	29	16	20	270	59	1 1412
Humberside	Bridlington MRSC	31	16	18																
	Spurn Point	17	10	10	31	6	10	120	284	236	45	53	13.5	170	38	31	18	270	52	17 1742
Lincolnshire	Coningsby	16	10	10		0	3	30	198	371	145	0	8.5	250	29	17	18	270	48	1 1618
	Cranwell	68	13	13		0	5	45	213	352	134	0	9.1	250	33	17	17	270	53	17 0630
	Scampton	68	10	10	17	1	6	39	221	417	66	0	9.5	250	36	17	15	280	47	1 1600
	Waddington	80	10	10		0	5	31	205	408	100	0	8.8	260	27	17	14	270	47	17 0924
3 EAST ANGLIA																				
Norfolk	Coltishall	27	10	10		0	1	12	162	372	198	0	7.4	270	26	17	11	260	47	17 1136
	Gorleston	16	13	13	Defective record															
	Hemsby	26	13	13		0	5	30	240	387	87	0	9.7	250	29	17	11	240	51	17 1500
	Marham	29	10	10		0	4	20	204	340	180	0	8.3	270	31	17	12	240	50	17 1842
Cambridgeshire	Wittering	87	10	10		0	4	24	181	420	119	0	8.5	270	33	17	12	260	48	17 1200
	Wyton	45	10	10		0	3	18	206	406	114	0	8.5	260	29	17	13	260	43	17 1536
Suffolk	Honington	60	13	13		0	2	14	185	382	163	0	7.9	250	27	17	11	240	46	17 2118
	Wattisham	105	16	10		0	3	18	217	410	99	0	8.9	260	29	17	13	250	47	16 2136
Bedfordshire	Bedford	93	12	10		0	4	34	181	425	104	0	8.6	260	30	17	11	250	49	17 1154
Essex	Shoeburyness	12	10	10		0	2	2	179	446	117	0	8.0	270	23	17	14	260	38	17 1212
	Stansted	108	10	10		0	2	10	199	402	133	0	8.4	270	26	17	12	270	42	17 1218
	Walton On Naze	10	10	10		0	4	35	265	348	96	0	9.9	170	33	31	18	270	44	17 1318
4 MIDLAND COUNTIES																				
West Yorkshire	Leeds Weather Centre	43	10	10	1 16	2	4	48	110	468	116	0	8.2	280	36	16	17	280	64	16 1812
	Wilsden	272	10	10	17	1	3	38	180	324	201	0	8.4	250	34	17	15	260	57	17 1542
South Yorkshire	Finningley	19	10	10		0	3	26	158	328	232	0	7.4	260	27	1	18	260	49	1 1500
	High Bradfield	405	10	10	1 16 17	35	11	77	338	228	66	0	13.8	280	46	17	17	290	75	16 1824
	Sheffield University	146	29	15		0	2	3	150	353	238	0	6.7	270	27	17	17	280	56	1 1518
Nottinghamshire	Nottingham Weather Centre	133	16	10		0	1	1	157	423	163	0	7.0	250	23	17	16	260	45	17 1648
Staffordshire	Cellarhead	241	13	8		0	1	8	151	334	251	0	6.7	270	24	17	15	270	45	17 1230
	Keele	162	10	10		0	3	28	189	332	195	0	8.0	310	27	1	13	310	44	1 1942
Shropshire	Shawbury	84	12	10		0	3	10	175	315	244	0	7.0	250	25	17	16	270	45	17 1554
West Midlands	Birmingham Elmdon Airport	108	10	10		0	0	0	143	353	248	0	6.5	270	20	17	11	250	43	17 1154
Hereford & Worcs	Preston Wynne	97	13	13		0	1	7	114	260	341	22	5.9	260	23	17	12	270	41	17 1424
Oxfordshire	Benson	67	10	10		0	1	8	123	307	306	0	6.1	170	26	31	15	270	39	5 1230
	Brize Norton	91	13	10		0	0	0	133	383	228	0	6.7	180	21	31	18	270	36	17 1306
	Oxford	113	50	22		0	2	8	125	390	176	45	7.3		24	17	11		54	17 1130
5 ENGLAND S E & CENTRAL																				
Greater London	Heathrow Airport	34	10	10		0	0	0	57	276	411	0	4.6	170	20	31	19	260	37	17 1224
	London Weather Centre	93	70	38		0	3	13	201	446	82	2	9.0	280	26	17	12	190	45	31 2248
	Northolt	49	15	12		0	1	3	94	354	293	0	5.8	270	23	17	14	250	43	17 1124
Wiltshire	Boscombe Down	130	17	17		0	4	21	189	365	169	0	8.1	280	30	17	11	180	46	31 1512
	Larkhill	155	10	10		0	3	11	153	390	190	0	7.3	290	27	17	11	180	45	31 1624
	Lyneham	156	10	10		0	3	8	167	415	154	0	7.5	260	25	17	13	160	41	31 1330
Kent	East Malling	33	12	10		0	0	0	23	187	534	0	2.6	260	17	17	12	260	39	17 1142
	Gravesend	25	20			0	0	0	148	331	233	32	6.2	280	20	17	11	270	40	17 0936
	Langdon Bay	117	12	12		0	8	68	416	210	43	7	12.8	220	30	16	14	220	51	16 1418
	Lydd Ranges	1	10	10	Defective record															
	Manston	62	10	10		0	2	5	220	335	184	0	8.0	260	24	17	12	260	38	17 1030
	Sheerness	50	44	10	17	2	11	92	306	271	73	0	12.2	250	36	17	12	250	55	17 1230
Hampshire	Farnborough	75	10	10		0	0	0	49	321	374	0	4.7	190	18	31	20	290	36	17 1348
	Middle Wallop	94	10	10		0	3	12	165	356	203	8	7.3	170	27	31	17	270	43	17 1200
West Sussex	Gatwick Airport	69	13	13		0	0	0	64	323	357	0	4.8	260	19	17	11	290	33	16 2254
	Shoreham-by-Sea	21	11	15		0	8	61	234	386	63	0	10.9	170	33	31	18	170	45	31 2106
East Sussex	Herstmonceux	27	10	10		0	3	12	126	386	220	0	6.9	230	26	16	14	270	41	17 1254
7A ENGLAND N W & I O M																				
Cumbria	Carlisle	41	15	9		0	5	33	140	291	280	0	7.3	250	29	17	12	250	53	16 1342
	Eskmeals	24	16	10		0	6	56	180	275	233	0	8.7	280	32	16	16	150	56	31 1130
	Great Dun Fell	857	10	10	1-7 9 16 17 31	129	19	178	273	149	15	0	21.1	260	60	16	23	280	80	16 2348
	Sellafield	22	10	10	1 17	3	9	65	140	256	253	27	8.6	280	36	17	14	270	58	17 1436
Lancashire	Aughton	68	14	10		0	4	34	122	350	238	0	7.3	260	29	17	14	270	59	1 1430
	Fleetwood	34	15	9	Defective record															
	Squires Gate Airport	22	12	11																
Merseyside	Aigburth	38	23	11	17	1	3	26	148	360	176	33	7.6	250	34	17	12	250	53	17 1442
Greater Manchester	Manchester Ringway Airport	80	10	10		0	3	16	216	290	222	0	8.1	260	25	17	11	280	53	1 1454
Isle Of Man	Point-of-Ayre	20	10	10	1 16 17	22	12	90	348	243	41	0	13.9	290	41	17	13	280	62	17 1424
	Ronaldsway	25	10	10	17	4	12	114	306	259	61	0	12.9	270	39	17	14	270	58	17 1430

Table 6 Summary of autographic records of wind

October 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed kn	Day	Hour beginning	Veer from N	Speed kn	Day Time
7B WALES N																				
Gwynedd	Trawsfynydd	192	10	10	Defective record															
	Valley	26	16	12	31	7	13	108	226	209	194	0	11.1	160	38	31	06	160	59	31 0612
8A WALES SOUTH																				
Dyfed	Aberporth	144	10	10	16 17 31	15	12	123	291	260	55	0	13.9	160	37	31	07	160	58	31 0712
	Brawdy	121	10	10	31	2	12	104	309	309	20	0	13.2	170	34	31	07	190	57	31 0912
	Milford Haven	50	13	10		0	9	58	282	334	70	0	11.1	150	31	31	06	150	54	31 0818
Mid Glamorgan	Cilfynydd	210	16	16		0	1	2	145	233	345	19	6.0	180	23	31	14	180	37	31 1112
South Glamorgan	Rhoose Airport	74	10	10		0	4	35	217	373	119	0	9.2	280	29	17	19	290	48	17 1900
8B ENGLAND S W																				
Avon	Avonmouth	28	19	10	17	1	5	53	198	384	108	0	9.6	270	34	17	14	270	46	17 0430
	Bristol Weather Centre	55	44	13		0	1	3	83	350	308	0	5.2	180	23	31	12	180	45	31 1400
	Oldbury-on-Severn	19	9			0	1	3	91	316	331	3	5.4	180	22	31	14	170	37	31 1318
Somerset	Hinkley Point	30	10	10		0	7	66	217	369	92	0	10.0	290	31	17	19	290	52	17 1736
	Yeovilton	34	12	10		0	2	14	144	270	305	11	6.6	170	28	31	12	180	49	31 1412
Dorset	Hurn Airport	23	13	11		0	1	2	143	368	231	0	6.6	180	25	31	16	280	40	17 1206
	Portland Bill C G	60	13	13	17	6	16	123	335	231	38	11	13.8	290	35	17	13	290	63	17 1512
Devon	Burrington	211	10	10		0	6	49	247	344	104	0	10.1	170	29	31	11	300	50	17 1442
	Chivenor	16	10	10		0	4	58	173	395	115	3	9.2	280	29	17	19	280	45	17 1954
	Exeter	35	10	10																
Cornwall	Camborne	98	10	10	31	5	9	65	327	252	92	3	11.8	170	35	31	06	170	58	31 0548
	Culdrose	104	23	20	31	5	17	135	280	279	45	0	13.6	190	36	31	08	310	68	17 1348
	Gwennap Head	76	10		31	2	15	152	359	204	27	0	14.8	180	35	31	06	180	62	31 0636
	St Mawgan	120	13	13		0	7	62	265	357	60	0	10.9	160	32	31	06	160	52	31 0848
CHANNEL ISLANDS																				
	Guernsey Airport	116	12	12		0	6	53	331	315	45	0	11.2	310	27	17	18	180	41	31 0906
	Jersey Airport	94	12	10		0	6	57	300	321	66	0	11.0	300	28	17	19	290	47	17 1830
NORTHERN IRELAND																				
Londonderry	Ballykelly	12		10																
	Coleraine University	30	10	10		0	2	5	226	354	159	0	8.3	150	26	31	01	280	50	16 1348
Antrim	Aldergrove	80	10	10		0	6	37	217	349	141	0	8.9	270	30	17	11	250	52	16 1648
	Ballypatrick Forest	165	13	13		0	5	43	289	338	50	24	11.0	320	26	17	15	300	54	16 2118
	Belfast Harbour	21	18	18																
Down	Kilkeel	36	19	14	Defective record															
	Killough	31	15	15	6 7 16 17 30 31	19	13	123	337	232	25	8	14.6	150	46	31	01		71	31
	Long Kesh	47	10	10		0	3	16	154	397	174	3	7.5	290	30	17	12	160	53	31 0236
	Orlock Head	51	16	12	1 16 17 31	29	15	108	328	261	18	0	14.8	270	40	17	12	290	71	17 0224
Tyrone	Carrigans	129	10	10	30 31	3	7	55	249	293	135	9	9.9	130	36	31	01	130	62	31 0148
Fermanagh	Castle Archdale Forest	79	13	13		0	5	9	119	297	288	31	6.4	180	25	6	12	290	49	17 0518

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
	Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation													
	Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
1991 Mar Scalpay	–	–	–														0	0	0	0	0					0			
Dingwall																	0		0	0	0					0			
Duartmore Bridge																			0	0	0					0			
Fort Augustus																			0	0	0					0			
Lairg																			0	0	0					0			
Waterstein																													I
Lossiemouth											–		–	–	–	–													
Montrose		–	–																										
Edinburgh, Royal Observatory, Blackford Hill																	0		0	0	0					0			
Abington	–	–	–														–		–	–	–					–			
Ardentinny	10.0		6.5							5.4																			
Benmore (Younger Botanic Garden)	9.8		6.5																										
Glasgow, Springburn Park											–																		
Hunterston		4.8																											
Rothesay																						2							
Mugdock Park	9.4		6.1																										
Dumfries	10.2		6.8																										
Glenlee	10.6																												
Penwhirn		–	–																										
Brooksby Hall	11.3	4.0	7.7		17.5	13	-2.5	30	6.9		28		4	7	14	9	0	0	0	0	0	1	5	12		0	2.53		
Batchley Farm	9.8	4.0	6.9		15.9	13	-0.1	1	6.4		93		18	6	16	13	1	0	0	0	0		1	7		0			
Merrist Wood	12.0	4.3	8.1		18.0	13	-2.5	30			34		9	6	9	8	0	0	0	0	0		7	11		0	3.05		
Hadlow College																													
Slapton																													S
Guernsey, L'Ancresse	11.7	5.8	8.7		15.5	20	-1.7	2			73		13	16	17	15	0		0	0	0		8			0	4.24		
Coleraine Unversity	10.6		7.3																										
Lough Fea W.wks											160																		
Moyola Waterworks	10.0																												
Aldergrove Airport									6.6																				
Carnlough											98					15													
Parkmore Forest															23														
Belfast, Stormont Castle											97	146			17	15													
Bryansford									7.0																				
Hillsborough		4.6																											
Armagh										7.0																			
Tandragee, Ballylisk											95		13	18	20	14													
Cookstown											105	149	19	18	20														
Fivemiletown															18														
Lough Bradan W.wks											164	169			20	19													
Strabane, Glen Road															20														
Castle Archdale Forest		4.0	7.2								117				21	17					–								
1991 Jul Diabaige Forest																													
Stirling Sewage Works	–	–	–																										
Plymouth Mount Batten																													S
Altnahinch Filters	18.0	11.4	14.7																										
Carnlough																13													
Larne Harbour		12.8																											
Woodburn North															18	15													
Belfast, Stormont Castle																											4.86		
Downpartrick, Killavees	20.0																												
Long Kesh		12.8	16.5																										
Newry, Carnbane																											4.74		
Strabane, Glen Road		12.4	16.2																										

Correction

August 1991, **Temperature**

Delete the last sentence and substitute:
'The highest temperature during the month was 29.9 degC at St Helier, Jersey on the 21st and the lowest was 1.6 degC at Magherally, Co. Down on the 18th.

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THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 1000 U.D.C. 551 506 1 (41-4)

NOVEMBER 1991

VOLUME 108 NUMBER 11

METEOROLOGICAL OFFICE 16 JUL 1992 LIBRARY

Wet in the north, mainly dry elsewhere; mostly dull with average temperatures

A cold front cleared eastern parts late on the 1st, and another crossed all parts except the far north of Scotland on the 2nd. On the 3rd and 4th a trough of low pressure tracked eastwards across the United Kingdom as the strong westerly airstream veered north-westerly. Pressure then rose everywhere on the 5th. During the 6th a succession of fronts crossed all areas, combining into a single front that trailed from North Wales to the Humber Estuary, became slow moving and finally cleared the south coast on the 8th. A temporary ridge of high pressure during the 9th was followed by fronts moving quickly across Scotland and north-west England on the 10th and finally clearing southern England late on the 11th. On the 12th a frontal trough moved rapidly eastwards, while a depression crossed Scotland to the North Sea. With low pressure near northern Scotland on the 13th, a strong south-westerly airstream persisted over all areas. During the 15th and 16th the complex area of low pressure covered most of western Europe; a shallow depression had its centre over the Irish Sea, while frontal troughs approached Cornwall from the west. On the 17th a fresh frontal system crossed south-west England and South Wales from the west, while the associated centre lay to the west of Ireland. During the 18th the centre moved first to northern England, then southwards, crossing the Channel early on the 19th. All areas then gradually came under the influence of a ridge of high pressure lying from the Azores to Iceland. A warm front moved south-eastwards across Scotland and northern England on the 21st, and cleared the south-east early on the 22nd, while the trailing cold front remained to the west of the British Isles. During the 24th a fresh set of fronts approached England and Wales from the south-west, moving erratically across all areas, and becoming slow moving across southern England, before disappearing on the 27th. A further frontal trough edged across western Wales and northern England on the 28th and became slow moving over southern England before returning slowly northwards later in the day, clearing northern Scotland during the following afternoon. Early on the 30th a cold front edged in over western Scotland.

Weather

During the first fortnight it was generally unsettled with bands of rain affecting most areas, especially the north. The last two weeks of the month were generally quieter, except for the 19th, with some overnight fog. Thunder occurred locally on the 1st and was widespread on the 3rd over England and Wales. Thunder was reported over western Scotland on the 11th, and was widespread over Wales and northern and eastern England between the 11th and 14th. Overnight on the 12th/13th violent thunderstorms were reported over Cumbria.

Wind

The 1st, 7th, 12th and 19th were windy days over a wide area. On the 12th gusts exceeded 60 kn in many places; during the passage of a squally cold front gusts reached 81 kn at Aberporth, Dyfed, 79 kn at Ronaldsway, Isle of Man and 77 kn at Gwennap Head, Cornwall. Botwnnog School, Gwynedd reported extensive structural damage caused by the 'ferocity of the gale'. Wind directions were mainly southerly or westerly.

Temperature

Mean monthly temperatures were normal over Northern Ireland and slightly above normal over the rest of the United Kingdom ranging from about 1 °C above normal in parts of northern Scotland to 0.5 °C below normal at Lowestoft, Suffolk.

The month started warm, with temperatures reaching 16 °C in places on the 1st, but it soon became colder, with the minimum temperature down to −3 °C at Glasgow on the 5th and a widespread frost on the 6th. A milder spell was followed by more frosts in the middle of the month, notably over Scotland on the 17th. On the 19th temperatures reached about 10 °C, but after a widespread frost on the 21st it became milder, with temperatures reaching 13 °C or 14 °C in many places. The highest temperature was 16.4 °C at Heathrow, Greater London on the 1st and the lowest was −8.4 °C at Grantown-on-Spey, Highland Region on the 17th.

Rainfall

Monthly rainfall amounts were generally above normal north of a line from Preston, Lancashire to Scarborough, North Yorkshire, apart from some places around the Firth of Forth, the Firth of Tay, and Tyneside, Tyne and Wear, where rainfall was below normal. South of the line most places except South Wales, the south Midlands, and parts of East Anglia and Kent were generally dry. Amounts ranged from 198% of normal at Prestwick, Strathclyde Region to only 56% at Sparsholt, Hampshire.

The 10th was particularly wet over southern Scotland with 72 mm measured at Clatteringshaws, Dumfries & Galloway. Most of the United Kingdom had little or no rain during the last ten days of the month, although western Scotland continued to have some spells of heavy rain. Other heavy falls included 67 mm at Isle of Rum, Highland Region on the 20th and 63 mm at Brodick Castle, Strathclyde Region on the 12th.

Snow

Sleet was reported over Fair Isle, Shetland on the 2nd, and snow as far south as South Wales on the 3rd, when 3 cm of snow lay on the Pennines. Further sleet and snow on the 4th over Scotland and northern England gave 2 cm of level snow on the higher parts of the Pennines. Scotland had sleet and snow for a time on the 6th and wintry showers on the 7th. On the 8th there were further outbreaks of snow and sleet over Scotland and northern England giving a dusting of snow lying. On the 13th sleet and snow fell in many areas as far south as Devon and Cornwall. During the 16th sleet was reported in places as far apart as Aberdeen and Merthyr Tydfil. On the 17th there was sleet and snow for a time over high ground in Scotland and northern England.

Sunshine

Monthly sunshine amounts were below average nearly everywhere apart from a few locations in southern and eastern Scotland and northern England and ranged from 124% at Dumfries, Dumfries and Galloway and Buxton, Derbyshire to only 50% at Aberporth, Dyfed.

Sunshine was often plentiful between the showers during the first three weeks in the south, and it was only the last ten days of the month that sunshine became less frequent in southern areas. Most sunshine in a day was 9.3 hours at Keele, Staffordshire on the 5th and the most in a month was 75.8 hours at Ventnor Park, Isle of Wight.

Fog

Overnight fog was widespread on the 17th, 21st, 24th and 27th over England and Wales, mainly in eastern areas. Fog patches were frequent during the second half of the month, with hill fog over northern and western high ground and coastal fog in the south-east on the 22nd and 28th.

Miscellaneous Phenomena

A tornado was reported at Dullingham, Cambridgeshire during the evening of the 12th.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp°C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max.	Min.	Mean				
			Difference from average					% of average	
0 Scotland N	13.6	−8.4	+0.4	+0.3	+0.3	−0.2	+4	157	74
1 Scotland E	14.2	−5.7	+0.2	+0.4	+0.3	+0.1	+2	124	93
2 England E & NE	15.2	−4.7	+0.2	−0.2	0.0	−0.1	+1	108	96
3 East Anglia	15.9	−3.2	+0.1	+0.3	+0.1	+0.5	0	95	82
4 Midland Counties	15.4	−4.1	+0.3	+0.3	+0.3	+0.5	−1	94	85
5 England SE & Central S	16.4	−2.4	+0.1	+0.1	+0.1	+0.4	−1	87	81
6 Scotland W	12.6	−8.0	0.0	+0.1	+0.1	+0.1	+5	146	101
7 England NW & Wales N	15.0	−3.8	+0.1	+0.2	+0.2	+0.6	+3	121	87
8 England SW & Wales S	15.2	−2.7	+0.1	+0.5	+0.1	+0.1	0	87	75
N Ireland	13.4	−4.1	+0.1	0.0	0.0	0.0	+7	133	103
Scotland	14.2	−8.4	+0.2	+0.3	+0.2	0.0	+4	147	89
England & Wales	16.4	−4.7	+0.1	+0.2	+0.1	+0.3	0	99	84

* Highest maximum and lowest minimum of District Value Stations

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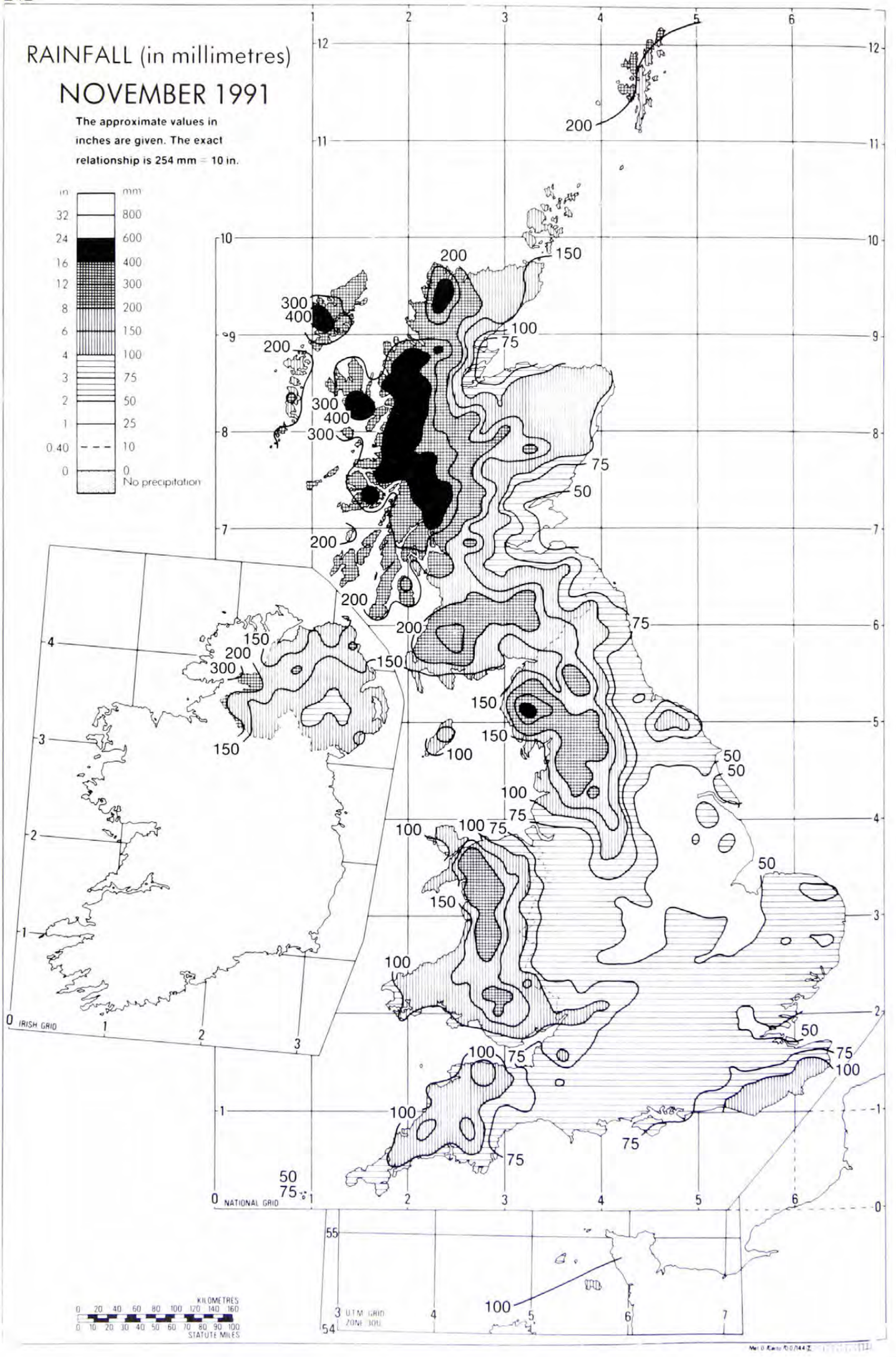
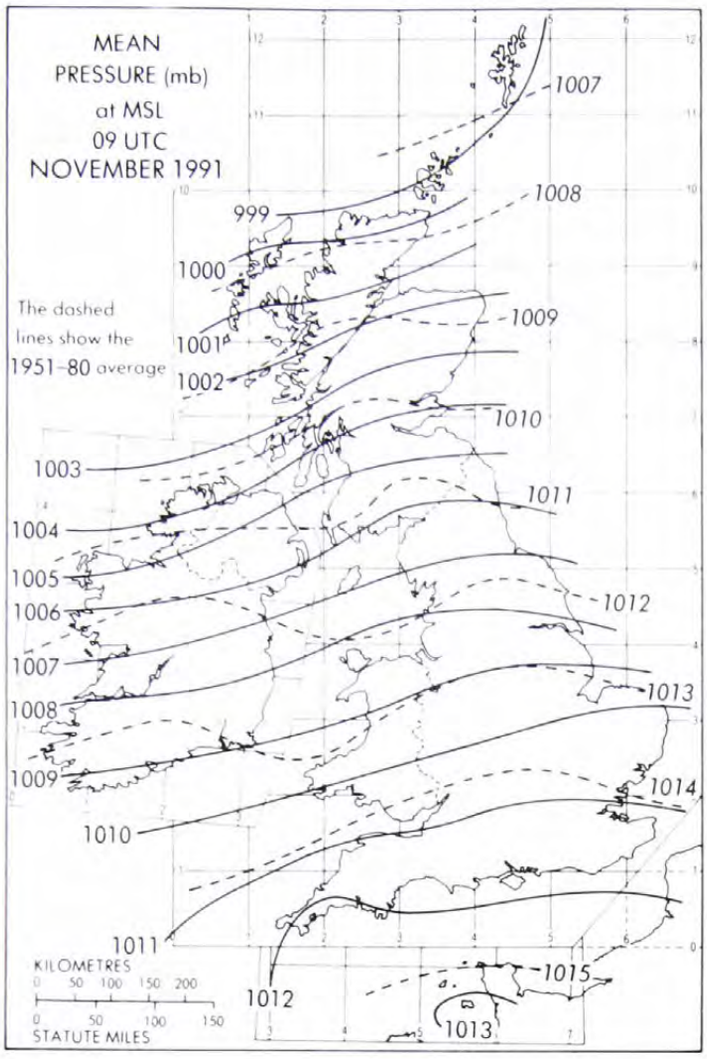
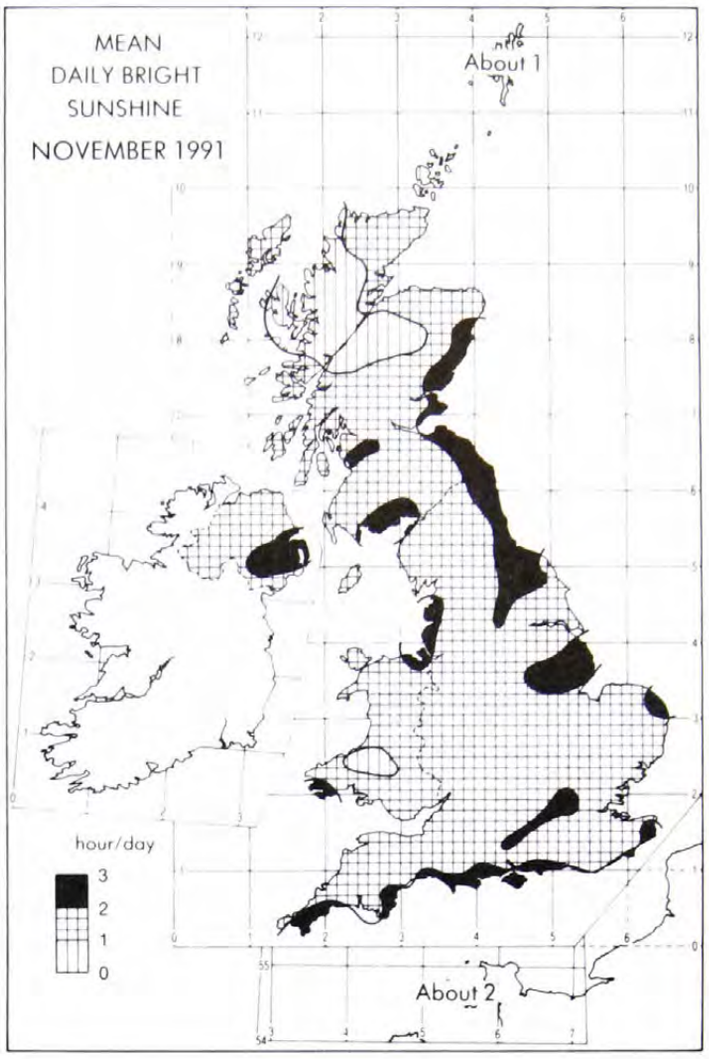
RAINFALL (in millimetres)

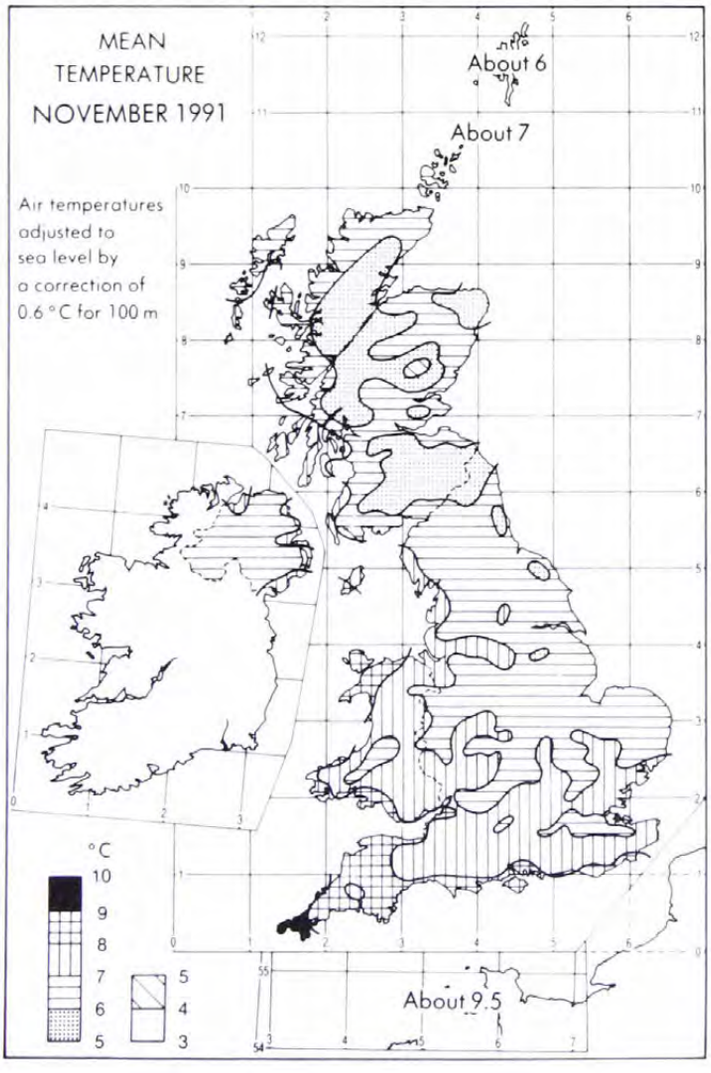
NOVEMBER 1991

The approximate values in inches are given. The exact relationship is 254 mm = 10 in.




MEAN
PRESSURE (mb)
at MSL
09 UTC
NOVEMBER 1991
The dashed lines show the 1951–80 average
999
1000
1001
1002
1003
1004
1005
1006
1007
1008
1009
1010
1011
1012
1013
1014
1015
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
NOVEMBER 1991
About 1
About 2
hour/day
3
2
1
0


MEAN
TEMPERATURE
NOVEMBER 1991
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
About 6
About 7
About 9.5
°C
10
9
8
7
6
5
5
4
3

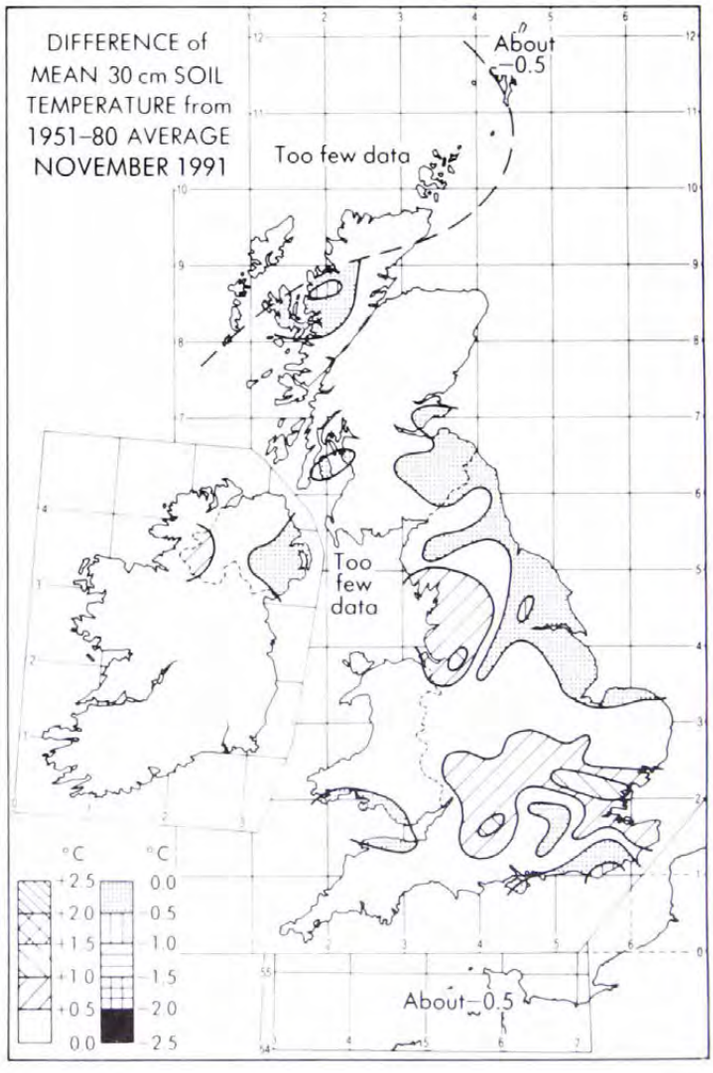

DIFFERENCE of
MEAN 30 cm SOIL
TEMPERATURE from
1951–80 AVERAGE
NOVEMBER 1991
About −0.5
Too few data
Too few data
About −0.5
°C
+2.5
+2.0
+1.5
+1.0
+0.5
0.0
°C
0.0
0.5
1.0
1.5
2.0
2.5

Table 2 Solar radiation

November 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	3.3	2	0.1	25	1.4	30	2.0	2	0.1	25	1.1	30
Stornoway	4.3	3	0.3	24	1.6	30	2.2	2	0.3	23	1.3	29
Aviemore	4.0	3	0.3	30	1.7	29	2.6	1	0.3	30	1.4	29
Aberdeen	4.6	3	0.2	18	2.1	30						
Dunstaffnage	4.8	9	0.4	21	2.0	30						
Shanwell	5.0	5	0.3	21	2.3	30	2.7	3	0.3	21	1.5	30
Auchincruive	5.1	5	0.3	21	2.2	30						
Eskdalemuir	5.9	5	0.3	24	2.0	30	2.5	3	0.3	24	1.3	30
Sunderland Poly												
Hazelrigg	6.4	5	0.5	7	2.6	30	2.8	2	0.5	7	1.7	30
Cawood	5.6	9	0.4	30	2.5	30						
Aughton	6.7	5	0.7	12	2.7	30	3.1	1	0.7	12	1.9	30
Finningley	6.0	9	0.4	30	2.7	30	5.9	9	0.4	30	2.1	30
Sutton Bonington	5.8	9	0.5	30	2.7	30	3.0	1	0.0	5	0.4	30
Hemsby	5.5	2	0.3	19	2.9	30	5.2	2	0.3	19	2.1	28
Denver Complex	6.2	9	0.5	30	3.0	30						
Gogerddan	5.8	5	0.1	18	2.6	30						
Brooms Barn	5.7	9	0.3	19	2.9	30	3.5	3	0.3	19	2.1	30
Aberporth	4.8	20	0.8	22	2.5	30	3.3	4	0.8	22	2.0	30
Wallingford	5.0	4	0.4	19	2.8	30						
London W.C.	5.4	9	0.3	19	2.9	30	3.7	6	0.3	19	2.0	30
Easthampstead	5.9	9	0.3	19	3.1	30	3.7	2	0.3	19	2.2	30
East Malling	5.7	4	0.6	19	3.0	29	3.7	6	0.6	19	2.2	29
Crawley	5.3	9	0.6	19	3.0	30	4.6	9	0.6	19	2.3	30
Rustington	7.1	4	0.6	30	3.2	30						
Efford	7.6	5	0.5	30	3.3	29						
Camborne	6.1	9	0.7	19	3.4	30	3.9	1	0.7	19	2.5	30
Jersey	7.3	9	0.7	22	3.3	30	3.7	2	0.7	22	2.4	30
Aldergrove	4.9	5	0.4	18	2.3	30	4.6	5	0.3	18	1.8	30

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation															
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
0 SCOTLAND N																													
Shetland																													
Baltasound	24	7.9	3.7	5.8	+0.5	10.6	1	-0.1	10	6.3	–	209	–	39	3	29	26	11	0	1	3	1	0	1	–	–	7	0.68	77	-
Fair Isle	57	8.6	5.0	6.8	–	11.1	1	-0.3	10	7.3	8.3	191	–	36	13	29	25	9	0	5	8	4	0	1	2	–	7	1.13	–	-
Lerwick (A)	82	7.9	3.8	5.9	+0.6	10.7	23	-1.0	10	6.4	–	190	136	23	13	29	28	5	1	3	9	4	0	1	7	7	6	1.02	94	-
Sumburgh (A)	7	8.7	4.8	6.7	–	11.1	1	-0.1	10	–	–	–	–	–	–	–	–	4	0	3	7	2	0	1	4	4	7	–	–	-
Orkney																													
Kirkwall Airport (A)	26	8.5	3.7	6.1	+0.2	11.3	21	0.2	10	6.6	–	184	154	31	12	29	24	10	0	6	6	1	0	0	8	6	3	1.02	81	-
Rackwick	18	8.9	4.5	6.7	–	12.0	29	0.1	15	–	–	188	–	36	3	29	25	–	–	–	–	–	–	0	–	–	–	–	–	-
Western Isles																													
Benbecula (A)	5	9.1	4.5	6.8	+0.1	11.9	1,25	0.7	14	7.4	–	220	157	24	12	29	28	1	0	1	8	0	0	0	8	6	4	1.52	97	-
Scalpay	18	9.3	4.6	6.9	–	11.8	10,20, 29	1.9	17	–	–	(277)	–	40	20	29	27	0	–	4	0	0	–	0	–	–	1	–	–	S
Stornoway (A)	15	9.0	4.0	6.5	+0.5	12.2	29	-0.9	17	6.5	–	215	167	29	20	28	26	5	0	0	10	1	0	1	9	8	6	1.17	79	-
Highland																													
Aviemore (A)	229	7.4	1.5	4.5	–	11.9	21	-8.0	17	5.0	6.8	145	–	32	10	25	16	12	3	0	2	0	1	11	17	17	0	0.80	–	-
Cape Wrath	112	8.4	4.3	6.3	-0.1	13.6	29	1.0	11	–	–	223	166	41	20	29	28	0	0	8	3	0	0	0	4	4	18	0.82	(75)	-
Cairngorm Chairlift	663	4.6	0.3	2.5	–	10.5	23	-3.5	6	3.6	–	–	–	–	–	–	–	13	15	0	0	0	2	18	–	–	14	–	–	-
Cassley	99	8.4	2.5	5.5	–	13.7	22	-3.2	17	–	–	311	136	40	10	30	29	–	0	–	–	–	–	5	15	–	–	–	–	-
Dalcross (A)	11	9.0	3.2	6.1	–	13.8	23	-2.9	18	–	–	64	101	15	10	17	13	4	0	0	0	0	1	3	12	–	0	–	–	-
Dalwhinnie	351	6.8	1.5	4.1	–	10.7	22	-5.4	17	5.2	–	(190)	–	–	–	–	–	2	1	0	0	0	0	13	18	–	0	0.87	–	S
Diabaig	60	(8.0)	(3.5)	–	–	–	–	–	–	–	–	(300)	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	S
Dingwall	7	9.1	2.1	5.6	–	13.1	20	-6.7	17	–	–	114	–	22	10	25	19	–	0	–	–	–	–	9	–	–	–	(0.90)	–	-
Duartmore Bridge	30	8.7	2.9	5.8	–	15.9	29	-3.8	17	–	–	288	–	41	20	29	28	2	0	3	3	–	0	7	–	–	–	0.99	–	-
Eilanreach	8	9.0	2.8	5.9	–	14.0	23	-5.5	17	–	–	343	–	37	10	27	27	0	–	0	1	1	0	7	10	–	2	–	–	-
Fort Augustus	21	8.0	2.4	5.2	+0.1	12.0	21	-4.8	17	6.4	–	181	143	28	12	28	24	–	0	–	–	–	1	8	–	–	–	0.66	64	S
Fortrose	5	8.9	3.6	6.3	+0.1	12.6	29	-1.3	17	–	–	68	106	16	10	19	13	1	0	0	0	0	–	3	–	–	0	–	–	-
Grantown-on-Spey	220	7.5	1.0	4.3	–	11.6	1,21	-8.4	17	–	–	96	–	40	3	23	13	6	3	0	0	0	1	15	24	–	0	1.28	–	-
Inverailort	2	9.2	3.5	6.3	–	13.8	29	-3.1	20	–	–	428	–	51	10	27	27	4	0	0	3	1	0	7	15	–	7	–	–	-
Inverness	4	9.4	4.1	6.7	+0.9	13.5	21	-1.9	17	–	–	70	112	17	10	18	14	0	0	0	0	0	1	2	8	–	0	1.42	89	-
Inverpolly	14	9.5	4.0	6.7	–	15.7	29	-1.7	17	–	–	206	–	26	10	29	27	–	0	–	–	–	–	3	–	–	–	–	–	S
Isle of Rhum	5	9.4	3.7	6.5	(-0.2)	12.2	25	-1.8	16	7.6	9.9	482	177	67	20	29	25	0	0	0	5	1	0	3	13	–	11	0.94	–	-
Kiltarlity	75	7.9	2.1	5.0	–	12.5	22	-5.6	17	–	–	113	–	22	11	25	19	4	1	0	0	0	0	8	18	–	0	–	–	-
Kinbrace	103	–	–	–	–	–	–	–	–	–	–	144	–	28	3	24	19	11	6	0	0	0	–	–	–	–	0	1.41	–	S
Kinlochewe	25	8.8	2.8	5.8	(+0.3)	13.0	20	-4.0	17	6.1	–	399	–	39	20	29	27	5	0	1	6	1	0	7	18	–	0	0.11	–	S
Knockanrock	244	7.4	2.8	5.1	–	13.2	29	-1.6	17	–	–	316	–	49	20	29	27	–	3	–	–	–	–	2	–	–	–	–	–	-
Lairg	107	7.9	1.1	4.5	–	12.4	23	-4.5	18	5.2	7.0	174	–	21	7	24	20	–	0	–	–	–	1	12	22	–	–	0.97	–	S
Lentran	146	7.6	2.4	5.0	–	11.8	23	-4.5	17	6.6	–	88	–	18	10	24	17	5	3	0	2	0	0	7	21	–	1	–	–	-
Nairn	8	9.1	3.2	6.1	+0.7	13.2	1	-4.9	17	–	–	53	88	13	10	19	13	1	0	0	0	0	1	2	11	–	0	1.58	87	-
Onich	15	9.3	2.5	5.9	0.0	13.4	29	-4.4	17	–	–	328	149	41	10	26	25	–	0	–	–	–	0	11	16	–	–	0.77	69	S
Plockton	12	(9.0)	3.8	–	–	–	–	-2.0	20	6.9	–	283	–	35	10	27	27	0	0	0	1	0	0	4	–	–	5	–	–	-
Poolewe	6	9.3	4.1	6.7	(+0.1)	14.9	29	-0.7	16	–	–	307	174	58	20	28	25	1	0	1	6	0	0	3	10	–	2	0.84	(66)	S
Tomatin	311	6.7	1.6	4.1	–	11.5	21	-5.0	18	–	–	122	–	32	3	24	18	8	0	0	2	0	1	11	–	–	0	–	–	-
Waterstein	92	8.7	4.5	6.6	–	11.4	25	1.8	10	–	–	229	–	27	20	28	27	–	–	–	–	–	–	0	–	–	–	–	–	-
Wick (A)	36	8.6	3.1	5.9	+0.4	11.7	21	-1.0	3,20	6.5	–	128	142	24	3	24	19	6	0	0	4	1	0	4	11	8	1	1.43	87	-
1 SCOTLAND E																													
Grampian																													
Aberdeen																													
Dyce Airport (A)	65	8.6	2.6	5.6	+0.5	14.3	21	-2.5	17	–	–	99	126	29	3	21	18	7	0	0	0	0	2	5	17	12	0	2.06	100	-
Mannofield	52	8.4	3.0	5.7	+0.5	14.0	21	-0.9	10	–	–	96	129	29	3	20	17	0	0	0	0	0	0	4	17	–	0	–	–	-
Aldroughty	30	9.3	3.0	6.1	–	14.1	1	-4.5	17	6.7	–	76	–	20	3	16	15	1	0	0	2	0	0	3	15	–	0	1.31	–	-
Ballater Field Centre	200	7.9	0.9	4.4	–	12.4	21	-4.8	17	–	–	107	–	40	18	19	13	4	1	0	0	0	–	15	20	–	0	–	–	-
Balmoral	283	7.4	1.1	4.3	+0.9	12.0	21,22	-6.2	17	–	–	115	136	33	18	22	15	4	0	0	0	0	–	11	20	–	0	–	–	-
Banff Golf Course	15	9.0	3.2	6.1	–	13.0	21	-1.5	18	5.8	–	136	–	41	3	24	18	3	0	0	6	0	0	3	–	–	0	–	–	S
Braemar	339	6.6	1.4	4.0	+0.7	10.9	21	-5.7	17	5.5	6.9	114	131	31	18	28	16	8	2	0	0	0	0	12	18	–	2	0.90	80	S
Craibstone	102	8.2	2.6	5.4	+0.2	13.2	21	-1.4	14	6.1	7.9	100	125	27	3	21	17	2	0	0	0	0	4	3	21	–	0	–	–	-
Culterty	3	8.7	2.6	5.7	–	12.9	21	-2.4	10	–	–	86	–	10	3	21	21	1	0	0	1	0	0	7	17	–	2	1.94	–	S
Durris, Wardend	107	8.1	2.3	5.2	–	13.5	21	-3.2	10	5.5	–	126	–	29	18	21	16	3	0	0	0	1	1	5	22	–	0	2.01	–	-
Forehill	40	8.4	2.8	5.6	–	12.8	21	-2.2	13	–	–	95	117	13	20	24	18	4	0	0	0	0	0	4	12	–	1	–	–	-
Forres	5	9.3	3.5	6.4	–	13.6	1	-4.1	17	6.8	8.1	67	–	17	3	19	11	4	0	0	2	0	0	2	–	–	0	–	–	S
Fyvie Castle	55	8.5	1.4	4.9	(+0.4)	13.1	21	-3.4	14	–	–	129	143	48	3	22	19	2	0	0	2	0	0	11	20	–	0	–	–	S
Glenlivet	215	7.9	1.9	4.9	(+0.9)	12.4	22	-6.6	17	5.7	–	131	–	36	3	22	16	6	0	0	1	0	1	7	16	18	0	1.40	(80)	S
Inchmarlo	80	(8.0)	(2.0)	–	–	–	–	–	–	–	–	(120)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Inverurie	54	8.7	2.1	5.4	–	13.8	21	-2.4	14	–	–	109	–	27	3	23	17	3	0	0	0	0	2	9	20	–	0	1.42	–	-
Keith	106	8.4	2.0	5.2	–	12.7	22	-3.7	17	–	–	116	–	45	3	19	14	3	1	0	2	0	–	7	21	–	3	1.40	–	-
Kinloss (A)	5	9.4	2.9	6.1	+0.6	14.2	1	-5.3	17	7.3	–	64	110	15	3	17	12	2	0	0	2	0	0	5	16	10	0	1.33	76	-
Leith Hall	180	8.3	1.4	4.9	–	13.0	21	-4.0	17	–	–	121	–	40	3	19	14	–	0	–	–	–	0	11	19	–	–	–	–	-
Lossiemouth (A)	6	9.3	2.7	6.0	(+0.6)	13.7	1	-5.8	17	–	–	70	121	19	3	21	12	–	–	–	–	–	–	4	–	–	–	–	–	-
Rothes	61	9.1	2.2	5.7	–	13.0	1	-3.6	18	–	–	127	–	41	3	15	15	1	0	0	1	0	0	6	18	–	0	1.17	–	S
Stonehaven	85	8.3	2.5	5.4	–	13.5	21	-0.9	14	–	–	112	–	26	3	23	16	2	0	0	0	0	0	2	–	–	4	2.29	–	S
Tayside																													
Arbroath	29	8.6	3.7	6.1	+0.2	12.3	6	0.1	17	–	–	44	81	7	1	20	13	0	0	0	0	0	0	0	14	–	2	2.07	87	-
Ardtalnaig	130	8.1	3.0	5.5	(+0.4)	12.6	6	-2.5	20	–	–	177	149	45	12	25	18	3	0	0	0	0	0	6	12	–	0	1.15	–	S
Dall (Rannoch School)	232	7.1	(1.0)	–	–	11.2	22	–	–	–	–	170	–	38	10	25	20	3	6	0	0	0	0	–	18	–	0	–	–	-
Drummond Castle	113	8.4	2.2	5.3	–	12.4	6	-2.9	20	6.6	–	149	–	46	10	21	15	1	0	0	0	0	–	7	21	–	0	1.70	–	S
Dundee	45	8.6	3.0	5.8	+0.2	11.4	6	-2.1	17	6.2	–	43	67	13	18	14	9	0	0	0	0	0	1	5	21	–	0	–	–	-
Faskally	94	8.1	1.4	4.7	+0.1	12.0	21	-3.5	20	6.0	8.2	100	123	26	10	21	13	2	2	0	0	0	0	12	21	–	0	–	–	-
Forfar	91	8.1	1.6	4.9	–	12.5	6	-3.5	14	–	–	73	–	35	18	18	12	2	1	0	0	0	0	11	20	–	0	1.99	–	-
Kindrogan	259	6.6	0.0	3.3	–	11.0	21	-6.5	19	–	–	113	–	25	12	22	16	5	4	0	0	0	0	17	21	–	0	–	–	-
Kinross	116	8.1	1.5	4.8	–	11.1	1	-5.1	20	5.8	–	94	–	22	10	17	12	–	1	–	–	–	2	11	20	–	–	1.56	–	-
Montrose	55	8.4	3.0	5.7	+0.4	12.1	21	-1.5	14	6.6	–	69	108	13	18	21	16	0	0	0	0	0	0	1	20	–	0	–	–	-
Mylnefield (A)	30	8.9	2.9	5.9	+0.6	12.4	6	-3.1	17	7.2	9.3	42	68	15	18	15	8	0	0	0	0	0	1	6	17	–	0	2.03	93	-
Perth Aerodrome (A)	118	8.2	1.6	4.9	–	12.4	6	-4.2	18,20	–	–	46	–	16	18	14	10	–	0	–	–	–	–	8	–	–	–	–	–	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
1 SCOTLAND E - Continued																														
Tayside - Continued																														
Strathallan	41	9.0	2.9	5.9	–	12.1	*21	-3.5	20	–	–	57	–	12	10	17	8	0	0	0	1	0	–	7	17	–	2	–	–	–
Tummel Bridge	161	7.9	0.9	4.4	–	11.9	22	-6.4	20,21	–	–	140	–	32	12	26	19	3	–	–	–	–	–	12	–	–	–	–	–	–
Whitehillocks	258	7.0	2.2	4.6	–	13.5	21	-2.2	4	–	–	149	–	26	12	21	18	2	0	0	0	0	0	7	16	–	0	–	–	S
Fife																														
Belliston	82	8.5	3.3	5.9	–	11.3	6	-0.4	17	7.3	–	49	69	8	1	16	13	0	0	0	0	0	–	1	17	–	1	–	–	–
Cupar	42	8.9	3.1	6.0	–	11.9	1	-3.1	16	–	–	42	–	9	18	15	11	2	0	0	0	0	–	4	–	–	0	1.68	–	S
Fife Ness	12	9.1	3.5	6.3	–	11.5	1	-1.0	17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	8	–	–	–	–	–
Leuchars (A)	10	9.2	2.1	5.7	+0.1	12.5	22	-3.2	16	6.5	–	39	63	7	18	19	13	0	0	0	0	0	1	9	17	14	1	2.11	89	–
Lothian																														
Bush House	184	8.1	2.3	5.2	+0.3	10.9	6	-5.6	17	6.1	8.1	99	116	23	12	20	15	3	2	0	1	1	0	7	17	–	0	1.48	79	S
Dunbar	23	9.3	3.5	6.4	-0.2	13.2	1	-1.7	17	5.7	–	43	79	9	12	15	11	1	0	0	0	0	0	3	–	–	1	1.99	84	–
Edinburgh																														
East Craigs	61	9.0	2.3	5.7	+0.1	12.5	1	-4.6	17	7.1	–	44	70	13	10	14	11	1	0	0	0	1	1	10	18	–	1	2.05	(102)	–
Royal Botanic Garden	26	9.2	3.3	6.3	+0.5	12.3	25	-3.2	17	5.6	–	43	73	9	12	17	12	1	0	0	0	1	1	5	17	–	0	1.97	99	–
Royal Observatory Blackford Hill (A)	134	8.6	2.8	5.7	-0.1	11.5	27	-6.0	17	–	–	50	81	15	12	21	11	–	0	–	–	–	–	6	13	–	–	2.13	104	–
Turnhouse Airport (A)	35	9.2	2.4	5.8	+0.3	12.6	1	-6.1	17	6.7	–	45	70	13	10	16	11	2	0	0	1	1	2	9	15	13	1	1.95	103	–
Haddington	41	9.3	2.8	6.1	–	13.6	1	-4.3	17	–	–	48	–	10	12	18	11	1	0	0	0	0	0	6	–	–	0	–	–	–
Livingston	125	8.1	2.3	5.2	–	11.3	29	-5.5	17	4.8	–	86	–	21	12	18	12	1	0	0	0	0	0	8	14	–	0	–	–	–
Nunraw Abbey	197	8.1	2.3	5.2	–	11.0	6, 7	-1.8	13,16, 17	–	–	75	–	17	12	21	15	1	1	0	1	0	0	7	–	–	2	–	–	–
Penicuik	185	7.4	1.6	4.5	(-0.2)	10.6	6	-6.6	17	5.6	–	103	114	27	12	22	14	1	2	1	2	1	–	8	15	–	0	1.43	(89)	S
Borders																														
Blyth Bridge	253	7.1	1.5	4.3	0.0	10.2	1, 6	-5.0	16	–	–	108	120	25	12	23	15	3	2	0	0	0	1	11	18	–	0	1.70	101	–
Blythe	262	7.4	1.3	4.3	–	11.0	1	-4.5	17	6.7	–	101	–	15	12	24	16	12	1	–	–	–	4	10	22	–	4	2.08	–	–
Bowhill (Selkirk)	168	7.7	1.9	4.8	+0.1	11.3	6	-3.8	16	5.9	–	119	142	21	12	23	16	2	0	0	0	0	0	10	21	–	0	–	–	–
Carterhouse	308	6.5	1.0	3.7	–	9.9	1	-5.1	17	5.3	7.3	134	–	32	10	22	19	5	3	0	1	0	1	12	19	16	0	–	–	–
Floors Castle	59	8.6	1.9	5.3	–	12.3	1, 6	-4.2	17	–	–	70	111	13	2	19	12	0	0	0	0	0	2	8	–	–	0	–	–	–
Galashiels	198	7.6	1.8	4.7	–	11.0	1, 7	-4.0	16	–	–	115	–	19	12	21	15	3	0	0	0	0	2	7	15	–	0	1.87	–	S
Glentress	165	8.4	1.5	4.9	(+0.2)	12.3	6	-5.8	20	–	–	–	–	–	–	–	–	–	0	–	–	–	–	11	–	–	–	–	–	–
Greycrook	76	8.8	1.6	5.2	–	12.5	1	-4.1	16,17	7.0	–	74	–	14	2	21	15	0	0	0	0	0	2	9	18	–	0	–	–	–
Kelso	34	8.6	2.1	5.3	–	12.7	1	-3.5	17	6.8	–	67	–	13	18	21	12	0	0	0	0	0	1	9	18	–	0	–	–	S
St Abbs Head	75	8.9	3.6	6.3	–	12.5	1	-0.6	14,15	–	–	–	–	–	–	–	–	0	0	0	1	0	0	2	8	5	8	–	–	–
West Linton	244	7.5	1.2	4.3	+0.1	10.4	1	-7.6	17	5.5	7.7	101	106	18	10	22	18	4	4	0	0	0	0	11	16	–	0	–	–	–
6 SCOTLAND W																														
Strathclyde																														
Abington	247	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ardentinny	5	9.0	2.5	5.7	–	12.0	21	-3.2	16	6.6	8.2	365	–	58	12	26	24	1	1	0	2	0	0	9	11	–	0	–	–	–
Aros	37	9.4	3.5	6.5	–	12.4	25	-3.0	20	–	–	351	–	38	10	26	26	0	0	0	1	0	–	4	–	–	1	–	–	–
Auchincruive	48	9.0	3.8	6.4	+0.3	11.9	1	-3.6	20	7.7	9.2	174	176	32	12	25	18	0	0	0	4	0	0	4	12	–	0	1.64	86	–
Benmore (Younger Botanic Garden)	12	8.9	2.9	5.9	(0.0)	11.5	6	-3.0	16	6.5	–	389	160	59	12	26	24	1	0	1	3	0	0	7	13	–	0	–	–	–
Black Mount	175	7.7	1.6	4.7	–	10.6	29	-6.7	17,20	–	–	384	–	49	12	26	25	8	2	0	0	0	2	11	–	–	0	–	–	–
Brodick Castle	15	9.4	4.0	6.7	–	11.6	6,27	-2.5	20	7.4	–	319	–	63	12	25	21	4	0	4	1	2	0	3	15	–	0	–	–	–
Camps Reservoir	295	6.4	0.9	3.7	(0.0)	10.0	6, 7	-5.5	20	–	–	175	–	30	10	25	20	11	2	0	0	1	–	10	–	–	1	1.18	–	S
Carnwath	208	7.4	0.5	3.9	0.0	11.0	1	-8.0	20	5.9	–	92	112	17	12	24	15	6	2	0	1	1	0	13	18	17	10	–	–	–
Colonsay Hotel	15	9.4	4.9	7.1	–	12.0	1,25	0.0	20	–	–	202	–	18	10	28	26	0	0	9	1	2	0	0	5	–	6	1.68	–	–
Cumnock	99	8.6	2.4	5.5	–	12.1	1	-4.5	20	6.1	–	184	–	37	7	23	19	0	0	0	0	0	0	8	11	–	0	–	–	S
Dalry	32	9.4	2.7	6.1	–	14.0	1	-5.6	20	–	–	204	–	43	12	25	23	1	0	0	0	0	–	8	–	–	0	–	–	–
Drumclog	227	7.2	1.4	4.3	–	10.6	23	-6.3	20	–	–	201	–	37	12	24	21	5	2	0	1	1	0	11	16	–	1	–	–	–
Dunstaffnage (A)	3	9.4	4.3	6.9	–	12.2	25	-2.4	20	6.9	–	271	–	43	10	26	24	2	0	0	6	1	0	4	10	–	0	1.49	–	S
East Kilbride	178	7.9	2.6	5.3	–	11.1	1	-3.5	20	–	–	176	–	39	12	23	16	2	2	0	1	0	–	8	14	–	0	2.08	–	–
Girvan	8	9.4	5.1	7.3	–	12.7	2	-1.8	20,21	–	–	193	–	42	12	24	22	1	0	0	1	1	0	2	4	–	0	1.55	–	S
Glasgow Abbotsinch Airport (A)	5	9.1	2.3	5.7	–	12.5	1	-6.3	20	6.3	–	171	163	38	12	25	17	2	0	1	2	0	1	11	15	13	0	1.88	–	–
Springburn Park	107	7.8	2.3	5.1	-0.2	10.9	1,27	-3.5	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9	–	–	–	–	–	S
Helensburgh	96	8.4	2.8	5.6	–	12.3	1	-3.0	20	–	–	209	–	37	12	25	21	1	0	0	0	0	2	–	–	–	0	1.61	–	S
Hunterston	8	9.6	4.9	7.3	+0.3	13.0	1	-1.0	20	–	–	179	–	31	12	25	22	1	0	0	1	1	0	1	–	–	0	–	–	–
Inverinan Mor	70	7.9	1.9	4.9	–	11.1	6	-4.3	20	–	–	376	–	53	6	25	24	0	0	0	3	3	1	13	–	–	1	–	–	–
Leadhills	388	6.0	0.0	3.0	–	9.5	6	-6.4	20	–	–	239	–	45	12	27	23	10	3	0	1	0	0	16	20	–	6	–	–	–
Lochgilphead	5	9.6	(3.0)	–	–	12.0	6,25	–	–	–	–	306	–	44	6	26	22	–	0	–	–	–	–	–	–	–	–	–	–	–
Lochranza	46	9.1	4.4	6.7	–	12.0	25	-1.3	20	–	–	269	–	47	12	24	23	–	–	–	–	–	–	2	–	–	–	–	–	–
Machrihanish (A)	10	9.7	4.5	7.1	(-0.1)	12.6	1	-3.2	20	–	–	190	–	24	6	26	21	–	–	–	–	–	–	3	–	–	–	–	–	–
Millport	5	9.6	5.1	7.3	(0.0)	12.6	1	0.7	20	–	–	189	154	37	12	26	20	–	0	–	–	–	–	0	–	–	–	–	–	–
Motherwell (Strathclyde Park)	24	9.1	2.0	5.5	–	12.4	1,23	-5.5	17	–	–	98	–	26	12	19	14	2	0	1	1	0	0	11	–	–	0	–	–	–
Orsay	23	10.0	5.6	7.8	–	12.2	1,25	0.9	19	–	–	207	–	37	17	27	26	2	0	0	7	1	0	0	3	2	6	–	–	–
Paisley (A)	32	8.7	3.2	5.9	-0.2	11.9	1	-4.5	16	7.0	9.6	185	157	41	10	25	20	1	0	0	2	0	1	6	14	–	0	1.72	115	–
Pollok Country Park	16	9.2	2.3	5.7	–	12.3	1,23, 24	-5.5	20	–	–	175	–	42	12	23	18	2	1	0	2	0	–	10	–	–	0	–	–	–
Prestwick (A)	16	9.3	3.5	6.4	+0.2	12.7	1	-4.6	20	7.2	–	184	198	37	2	23	18	3	0	0	5	0	0	5	10	9	1	2.01	104	–
Rothesay	43	9.2	4.4	6.8	(+0.2)	12.4	1	-1.0	20	7.3	8.5	216	149	35	6	26	23	0	0	0	0	0	0	1	11	–	3	1.84	–	–
Salsburgh	260	7.0	1.7	4.3	–	10.5	1	-2.3	20	–	–	93	–	16	7	21	16	–	–	–	–	–	–	13	–	–	–	–	–	–
Saughall	221	7.6	1.9	4.7	–	10.9	1	-5.6	20	5.5	7.7	182	–	34	12	24	20	2	1	0	4	0	0	9	15	12	1	1.79	–	–
Tiree (A)	9	9.5	5.0	7.3	-0.1	12.1	1	1.2	13	7.7	–	200	163	28	10	30	24	3	0	1	7	0	0	0	6	3	3	1.40	91	–
Uplawmoor	128	7.8	2.0	4.9	–	11.2	1	-5.9	20	–	–	206	–	45	12	26	24	2	0	0	2	0	1	10	17	–	0	–	–	–
Central																														
Aberfoyle	27	9.1	2.1	5.6	–	12.1	1	-5.9	20	–	–	204	–	41	10	24	24	1	0	–	–	–	–	10	18	–	–	–	–	–
Arrochymore	30	9.1	2.4	5.7	–	12.0	6	-3.9	20	7.7	–	199	–	36	12	25	25	–	0	–	–	–	0	9	19	–	–	1.45	–	S
Balquhidder	136	8.2	2.6	5.4	–	12.5	6	-3.9	20	5.8	–	280	–	51	10	25	22	4	0	0	0	1	9	18	–	–	0	–	–	S
Falkirk	3	9.0	3.0	6.0	–	12.5	1	-3.7	20	–	–	93	–	22	10	16	13	–	0	–	–	–	–	7	–	–	–	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of 1951-80 average*	Exposure
6 SCOTLAND W - Continued																														
Central - Continued																														
Grangemouth (BP Refinery)	2	9.4	3.6	6.5	—	13.0	1	-2.6	20	—	—	77	—	21	10	17	13	2	0	0	0	0	1	5	—	—	3	—	—	—
Loch Venachar	84	8.1	2.3	5.2	—	11.6	6	-3.2	20	—	—	192	—	40	10	26	24	3	0	0	1	0	0	9	14	—	0	—	—	—
Mugdock Park	165	7.9	2.5	5.2	—	11.0	1, 6	-2.1	17	6.6	—	191	—	29	12	23	23	—	2	—	1	—	2	5	—	—	—	—	—	—
Parkhead	35	9.1	2.6	5.9	—	13.9	30	-2.6	20	5.9	—	93	—	24	10	16	13	—	0	—	—	—	2	7	—	—	—	—	—	—
Stirling (Sewage Works)	7	9.3	(3.0)	—	—	12.8	30	—	—	—	—	111	—	30	10	18	12	—	0	—	—	—	1	—	—	—	—	1.87	—	—
Tyndrum	168	7.9	1.6	4.7	—	10.9	21	-7.1	20	—	—	420	—	59	10	27	25	6	0	—	—	—	—	12	—	—	—	—	—	—
Dumfries & Galloway																														
Auchen Castle	184	7.0	1.6	4.3	—	10.8	6	-2.2	16,20	—	—	232	—	53	10	23	21	1	0	0	0	0	0	11	20	—	0	—	—	—
Bargrennan	110	7.9	2.1	5.0	-0.3	11.8	1	-4.8	20	—	—	302	182	45	10	26	24	1	1	0	1	0	—	10	—	—	0	—	—	—
Clatteringshaws	178	7.7	2.2	4.9	—	11.1	6	-4.4	20	—	—	330	152	72	10	27	23	—	0	10	—	—	0	7	—	—	—	1.76	—	S
Corsewall Point	15	9.8	5.4	7.6	—	12.4	7	-0.6	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Creebridge	18	9.3	2.9	6.1	—	12.9	1	-4.0	20	—	—	184	—	25	12	23	19	—	0	—	1	—	—	7	—	—	—	—	—	—
Dumfries	49	8.9	3.1	6.0	+ 0.3	12.4	1	-1.8	16	7.7	9.4	140	129	35	10	20	19	0	0	0	0	0	3	6	14	—	0	2.43	124	S
Dumfries (Drungans)	28	9.2	2.3	5.7	—	12.8	1	-3.2	16	—	—	145	—	34	10	19	16	—	—	—	—	—	—	9	12	—	—	—	—	—
Eskdalemuir (A)	242	7.1	1.5	4.3	+ 0.1	10.7	1	-3.7	10	7.1	9.0	231	151	48	10	25	19	11	1	0	8	0	2	11	15	14	0	1.61	91	—
Glenlee	55	8.8	1.0	4.9	-0.4	12.6	26	-6.6	20	—	—	265	152	61	10	26	21	—	0	—	—	—	—	10	17	—	—	—	—	—
Glenlochar Barrage	47	8.6	2.8	5.7	+ 0.2	11.7	1	-3.4	20	—	—	161	118	43	10	22	15	0	0	0	0	0	1	7	—	—	0	—	—	—
Penwhirn	166	8.5	3.1	5.8	(+ 0.5)	11.6	1	-1.0	20	—	—	264	163	43	12	26	25	0	0	0	0	0	3	1	9	—	0	—	—	—
Threave	73	8.2	2.7	5.5	+ 0.1	11.5	1	-4.1	20	6.9	—	166	122	39	10	23	16	0	0	1	0	0	1	8	12	—	1	—	—	—
Whithorn	40	9.4	4.2	6.8	—	12.8	1	-1.8	20	8.7	—	129	—	19	10	21	15	0	0	0	2	0	1	2	11	6	2	2.12	—	—
2 ENGLAND E & N E																														
Northumberland																														
Boulmer (A)	23	9.0	2.8	5.9	—	13.2	1	-1.7	17	7.1	8.9	77	—	13	18	19	15	3	0	1	1	0	1	3	12	9	1	2.40	—	—
Cockle Park	99	8.3	2.6	5.5	0.0	12.8	1	-1.5	17	6.1	—	81	112	19	18	21	15	2	0	0	0	0	1	4	17	—	1	2.21	98	—
Haydon Bridge	82	9.1	2.2	5.7	+ 0.4	14.0	1	-4.0	17	7.1	—	107	—	21	10	20	15	1	0	0	0	1	1	9	—	—	1	—	—	—
Kielder Castle	201	(7.4)	(1.1)	4.3	+ 0.2	10.6	1	-4.2	18	(6.3)	—	188	148	39	10	21	19	5	1	0	2	0	—	10	(22)	—	1	—	—	—
Redesdale	235	7.1	1.1	4.1	—	11.4	1	-4.7	17	6.4	—	127	—	23	18	25	17	—	2	—	—	—	2	9	22	—	—	1.95	—	—
Tyne & Wear																														
Newcastle Weather Centre (X)	52	9.2	3.7	6.5	—	13.8	1	-3.0	17	—	—	62	—	19	18	18	13	3	—	0	0	0	1	2	—	5	0	2.26	—	—
South Shields	5	9.7	3.4	6.5	—	14.2	1	-1.8	17	—	—	65	—	16	18	18	13	0	0	0	0	0	1	2	—	—	0	—	—	—
Sunderland Polytechnic	56	9.6	4.1	6.9	—	14.0	1	-1.1	16	—	—	49	—	14	18	15	10	0	—	0	0	0	2	2	—	4	0	2.41	—	—
Tynemouth	30	9.3	3.8	6.5	-0.3	13.8	1	0.0	18	—	—	55	91	13	18	19	11	0	0	0	0	0	0	0	8	—	5	2.32	115	—
Durham																														
Durham	102	9.1	1.6	5.3	-0.4	13.4	1	-3.9	17	7.0	9.7	60	97	20	18	16	13	—	0	—	—	—	3	8	15	—	—	2.07	99	—
Low Etherley	155	8.3	2.2	5.3	—	13.1	1	-2.0	17	6.3	8.9	67	—	17	18	19	11	6	2	0	0	0	2	8	20	11	0	—	—	—
Widdybank Fell	513	5.4	0.6	3.0	—	9.3	1	-3.1	21	4.9	—	228	—	36	1	24	21	—	8	—	—	—	1	13	—	—	—	—	—	—
Cleveland																														
North Yorkshire																														
Askham Bryan	33	9.3	2.5	5.9	+ 0.2	15.0	1	-3.2	17	—	—	45	77	9	17	18	12	0	0	0	0	1	3	7	14	—	1	1.53	79	S
Cawood	6	9.3	3.0	6.1	+ 0.3	14.9	1	-2.3	17	6.3	8.8	34	62	8	17	16	12	0	0	0	0	0	2	5	19	—	0	1.91	98	—
Church Fenton	8	9.5	2.7	6.1	—	15.1	1	-3.4	17	—	—	39	—	10	17	16	12	—	—	—	—	—	—	7	—	—	—	—	—	—
Fylingdales	262	7.1	1.5	4.3	—	12.2	1	-2.6	10	—	—	109	—	24	4	23	18	8	—	—	—	—	—	10	—	—	—	—	—	—
Harrogate (Bilton)	66	9.2	3.0	6.1	+ 0.4	15.1	1	-3.4	16	—	—	86	118	17	13	18	13	1	0	0	0	0	2	5	8	—	2	1.52	88	—
High Mowthorpe	175	7.9	2.5	5.2	0.0	13.0	1	-0.6	6	6.2	—	65	82	18	18	21	13	4	0	0	0	1	2	4	16	—	0	—	—	—
Linton-on-Ouse	14	9.5	2.8	6.1	—	15.3	1	-2.5	16	—	—	55	—	10	13	17	10	—	—	—	—	—	—	7	—	—	—	—	—	—
Leeming (A)	32	9.2	3.2	6.2	(+ 0.2)	15.2	1	-2.0	16	6.6	9.4	63	102	13	17	16	11	5	1	1	2	1	2	5	10	8	1	2.11	—	—
Malham Tarn	381	6.4	1.5	3.9	-0.2	10.6	1	-2.1	16	5.2	—	225	—	35	6	23	21	6	4	0	2	2	8	10	17	—	0	1.40	—	—
Scarborough	110	(9.9)	(2.6)	6.3	—	15.4	22	(-1.0)	18	6.3	8.0	74	—	15	4	19	12	2	0	0	1	0	—	5	—	—	1	1.78	—	—
Whitby	41	9.2	3.6	6.4	(-0.1)	14.4	1	-1.8	17	7.1	9.4	72	—	20	4	15	10	1	0	0	2	0	0	5	10	—	4	1.99	97	—
Whitby Coastguard	60	9.4	3.4	6.4	(-0.1)	14.2	1	-2.0	17	—	—	61	—	15	4	16	10	0	0	1	1	0	0	3	6	—	2	—	—	—
Wycliffe Hall	120	—	—	—	—	—	—	—	—	—	—	11	—	5	7	4	4	0	0	0	0	—	—	—	—	—	0	—	—	—
Wykeham Forest	211	(7.9)	(2.5)	5.2	—	12.3	1	-1.0	10	(5.4)	—	100	—	25	4	21	17	—	1	—	—	—	—	3	12	—	—	(2.07)	—	—
Humberside																														
Cleethorpes	23	9.7	3.8	6.7	—	15.0	1	-1.3	16	—	—	37	—	9	18	15	8	—	0	—	—	—	2	4	—	—	—	2.01	—	—
Hull	2	9.8	3.5	6.7	0.0	15.2	1, 2	-1.5	17	—	—	43	67	17	18	15	11	0	0	0	1	1	—	3	—	—	0	—	—	—
Lincolnshire																														
Coningsby (A)	6	9.6	2.6	6.1	—	15.1	1	-2.6	10	—	—	46	—	19	18	16	9	0	0	0	0	0	3	10	14	11	0	—	—	—
Covenham	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranwell (A)	62	9.3	2.6	5.9	-0.1	14.7	1	-3.4	17	—	—	33	59	7	18	14	7	—	—	—	—	—	—	8	—	—	—	—	—	—
Driby	41	9.0	2.7	5.9	—	14.4	2	-2.8	16	—	—	52	—	9	1	21	12	—	—	—	—	—	—	7	—	—	—	—	—	—
Kirton	4	9.3	3.0	6.1	—	15.1	1	-2.3	17	7.8	10.1	34	—	13	18	14	9	0	0	0	0	0	3	7	14	—	1	2.00	—	—
Lincoln (Canwick)	7	9.8	(3.3)	6.5	—	15.1	2	(-2.5)	17	8.5	10.9	55	—	18	18	15	10	0	0	0	1	2	2	5	10	—	0	—	—	—
Scampton	58	—	2.6	—	—	—	—	-2.9	17	—	—	54	—	15	18	16	8	—	—	—	—	—	—	8	—	—	—	—	—	—
Skegness	5	9.4	3.4	6.4	(-0.3)	14.4	1	-2.0	17	—	—	35	59	8	18	17	10	—	0	—	—	—	3	6	—	—	—	1.90	90	—
Waddington (A)	68	9.3	2.9	6.1	+ 0.1	15.1	1	-2.6	17	6.9	8.9	43	76	13	18	15	11	0	0	0	0	1	3	4	12	10	0	2.27	105	—
3 EAST ANGLIA																														
Norfolk																														
Bressingham	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Coltishall (A)	18	9.5	3.2	6.3	(-0.4)	14.3	1	-2.9	21	—	—	78	117	25	18	15	11	0	0	0	1	0	2	5	10	8	0	—	—	—
Cromer	54	9.2	4.3	6.7	-0.2	14.0	2	-1.0	17	—	—	75	107	27	18	15	11	1	0	2	0	1	2	1	8	—	0	1.73	79	—
Denver	2	9.6	3.3	6.5	—	15.4	1	-2.4	10	8.0	11.8	48	—	15	18	13	10	—	0	—	—	—	2	5	—	—	—	1.67	—	S
Hemsby (A)	13	9.6	3.6	6.6	—	14.1	1	-1.7	17,18	8.6	10.1	69	—	24	18	17	13	0	0	1	0	2	3	5	—	7	0	2.07	—	—
Hunstanton	15	9.4	3.8	6.6	—	15.1	1	-1.0	17	—	—	42	—	15	18	15	11	0	0	0	0	0	—	3	—	—	0	1.62	—	—
Marham (A)	21	9.6	3.0	6.3	+ 0.1	15.3	1	-2.8	21	—	—	55	88	19	18	14	10	0	0	1	0	0	3	7	13	10	0	1.89	—	—
Morley St Botolph	46	9.1	3.5	6.3	—	14.0	1	-2.4	21	7.3	—	64	—	21	18	17	10	0	0	0	0	0	2	6	10	—	0	1.77	—	—
Norwich Weather Centre	15	9.5	4.1	6.8	—	14.2	1	-1.2	17	—	—	65	—	21	18	15	11	0	—	2	0	0	2	4	—	—	0	1.84	—	—
South Raynham	68	9.2	3.4	6.3	—	14.5	1	-2.1	16	—	—	74	—	31	18	16	9	0	0	0	0	0	3	6	10	—	1	—	—	—
Terrington St Clement	2	9.6	3.3	6.5	+ 0.2	15.2	1	-1.8	21	7.7	—	44	79	18	18	16	10	0	0	0	0	0	1	6	11	—	0	1.60	75	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation												
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
3 EAST ANGLIA - Continued																												
Cambridgeshire																												
Boxworth	53	9.5	3.7	6.6	(+0.3)	15.2	1	-2.4	21	–	–	46	–	14	18	16	11	0	0	0	0	3	4	7	–	0	1.38	(61)	-
Cambridge Botanic Garden	12	10.1	3.8	6.9	+0.4	15.8	1	-2.3	21	7.8	9.9	60	118	18	18	15	12	0	0	0	0	1	6	9	–	0	–	–	-
National Institute of Agricultural Botany	24	9.8	4.2	7.0	+0.5	15.6	1	-1.6	21	–	–	55	106	16	18	15	10	0	0	0	0	1	3	7	–	0	1.70	78	-
March	2	9.9	3.8	6.9	–	15.6	1	-1.6	21	–	–	45	84	17	18	15	10	–	0	–	–	–	–	3	–	–	–	–	-
Marholm	21	10.0	3.4	6.7	–	15.4	1	-3.7	21	–	–	46	–	22	18	9	9	0	0	0	0	1	4	12	–	0	–	–	-
Mepal	-2	10.0	3.5	6.7	–	15.8	1	-2.6	10	8.6	12.8	42	–	12	18	12	8	0	0	0	0	1	5	11	–	0	1.90	–	-
Monks Wood	39	10.0	3.6	6.8	(+0.6)	15.9	1	-3.2	21	7.9	9.8	53	–	20	18	13	11	0	0	0	0	1	5	10	–	2	1.76	–	-
Wittering	73	9.5	3.3	6.4	+0.2	15.3	1	-2.4	17	–	–	44	–	16	18	9	9	–	–	–	–	–	7	–	–	–	–	–	-
Wyton (A)	40	9.7	4.0	6.9	+0.5	16.1	1	-1.7	17	–	–	45	87	12	18	15	8	0	0	0	0	1	3	8	6	0	1.69	–	-
Suffolk																												
Brooms Barn	75	9.4	3.9	6.7	(+0.4)	14.2	1	-2.5	21	7.2	9.5	57	–	16	18	16	11	1	0	0	1	2	3	4	9	–	0	1.72	(78)	-
Cavendish	55	9.4	3.5	6.5	–	14.8	1	-2.4	21	7.9	–	60	–	25	18	15	11	0	0	0	1	0	2	6	9	–	0	1.69	–	-
East Bergholt	5	(9.8)	–	–	–	14.2	7	–	–	–	–	68	114	22	18	13	12	0	0	0	0	0	–	–	16	–	1	–	–	-
Honington (A)	51	9.4	3.5	6.5	–	15.0	1	-3.5	21	–	–	47	–	12	18	15	11	0	0	0	0	0	3	7	9	8	0	1.79	–	-
Levington	22	9.7	4.3	7.0	–	14.0	1	-1.5	21	7.8	–	84	–	26	18	16	13	0	0	1	0	0	3	4	12	–	1	1.79	–	-
Lowestoft	25	9.1	4.1	6.6	-0.5	13.5	1	-1.5	17	7.9	10.0	61	93	10	18	19	14	0	0	2	0	1	3	5	6	6	1	1.64	78	S
Wattisham (A)	89	9.2	3.2	6.2	+0.2	14.3	1	-2.9	10	–	–	61	103	22	18	20	12	0	0	0	1	0	3	8	11	8	0	1.70	–	-
Westleton	10	9.8	3.8	6.8	–	14.0	1, 7	-2.0	10,17	–	–	57	–	9	2	18	15	0	0	1	0	1	3	4	9	–	2	–	–	-
Bedfordshire																												
Bedford (A)	85	9.3	3.4	6.3	–	15.4	1	-2.6	21	–	–	45	89	16	18	12	9	–	–	–	–	–	–	5	–	–	–	–	-
Woburn	89	9.5	3.6	6.5	+0.3	14.9	1	-4.0	21	8.4	10.7	66	112	23	18	13	11	0	0	0	0	2	5	13	–	0	1.66	80	-
Hertfordshire																												
Aldenham School	91	9.3	3.3	6.3	–	14.6	1	-3.1	21	7.8	–	58	–	18	18	14	11	0	0	0	0	2	1	7	14	9	0	–	–	-
Rothamsted	128	9.3	3.6	6.5	+0.5	14.9	1	-2.1	21	8.7	10.5	59	85	18	18	15	11	2	0	0	0	1	2	6	17	–	0	2.01	98	S
Stanstead Abbotts	30	(10.7)	(4.1)	7.4	–	15.9	1	-2.5	21	–	–	49	–	13	18	13	9	–	0	–	–	–	–	5	–	–	–	–	–	-
Essex																												
Clacton-on-Sea	16	9.5	4.6	7.1	-0.2	13.7	2	-1.3	17	9.7	11.1	53	94	7	2	17	13	0	0	0	0	2	2	7	–	4	–	–	-
Halstead	70	9.6	4.1	6.9	–	14.6	1	-1.4	17	8.2	10.3	53	–	21	18	14	9	0	0	1	0	0	2	4	–	–	0	–	–	-
Rettendon	16	10.0	4.0	7.0	–	15.1	1	-2.3	17	–	–	58	–	13	2	14	10	0	0	0	0	1	2	7	12	–	0	1.78	–	-
Shoeburyness																												
Landwick (A)	2	–	–	–	–	–	–	–	–	–	–	43	–	8	19	16	11	–	–	–	–	–	–	–	–	–	–	–	–	-
Southend	2	(10.4)	(5.0)	7.7	–	14.8	1	(-0.5)	17	–	–	–	–	–	–	–	–	0	0	0	0	0	–	1	–	–	0	–	–	S
Stansted (A)	101	9.5	3.2	6.3	+0.2	14.9	1	-2.1	21	8.0	–	67	114	23	18	16	11	2	0	0	0	0	3	6	10	7	0	–	–	-
Writtle	35	10.0	3.8	6.9	+0.3	15.3	1	-3.1	21	9.0	–	52	91	12	2	15	9	0	0	0	0	0	1	6	13	–	2	1.83	92	S
4 MIDLAND COUNTIES																												
West Yorkshire																												
Bradford	134	8.8	3.2	6.0	+0.1	14.8	1	-1.8	10	7.7	10.0	106	120	17	10	18	15	3	0	1	0	1	2	4	13	–	0	1.71	104	-
Bramham	54	9.1	2.9	6.0	+0.2	15.0	1	-2.7	17	–	–	56	–	11	17	18	13	1	0	0	0	1	3	5	15	12	2	1.77	(92)	-
Emley Moor	259	7.8	3.0	5.4	–	13.2	1	-1.0	16,17	–	–	80	–	10	10	18	15	–	0	–	–	–	–	3	9	–	–	–	–	+
Holme Moss	520	5.7	1.0	3.3	–	10.7	1	-2.0	15	–	–	228	–	33	6	23	16	7	1	0	2	2	10	10	–	–	8	–	–	+
Leeds Weather Centre (X)	62	9.8	4.1	6.9	–	15.7	1	-1.0	16	–	–	66	–	12	21	16	12	0	–	0	2	0	1	4	–	–	2	2.09	–	+
Wilsden (A)	262	7.9	2.3	5.1	–	13.1	1	-1.4	9	–	–	148	–	21	10	23	16	7	1	0	2	1	3	6	14	12	2	–	–	-
South Yorkshire																												
Finningley (A)	10	9.8	2.8	6.3	–	15.2	1	-3.0	10,17	7.5	–	27	–	6	17	16	9	0	0	0	1	2	2	7	13	10	0	1.77	–	-
Sheffield, Weston Park	131	9.2	3.8	6.5	0.0	14.3	1	-2.3	17	7.8	9.8	73	87	10	18	16	12	0	0	0	0	0	–	2	–	–	0	1.42	83	S
Derbyshire																												
Ashover	178	8.6	3.2	5.9	–	13.5	1	-1.9	10	–	–	87	–	15	18	17	13	2	0	0	0	1	2	4	13	–	0	–	–	-
Buxton	307	7.4	2.7	5.1	+0.2	12.0	1	-1.9	21	5.7	7.9	134	101	18	10	18	13	4	0	0	0	1	1	1	13	–	0	1.53	124	S
Wingerworth	116	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Nottinghamshire																												
Clarborough	21	9.4	2.6	6.0	–	14.6	1	-3.0	21	7.4	9.6	40	–	15	18	14	9	–	0	–	–	–	2	9	13	–	–	1.60	–	S
Keyworth	69	9.4	3.4	6.4	–	14.7	1	-1.6	17	–	–	37	–	6	4	14	10	0	0	0	0	1	1	4	14	–	1	–	–	-
Southwell	70	9.5	3.3	6.4	–	14.2	6	-0.6	10	7.7	10.0	54	–	16	18	11	10	–	0	–	–	–	–	1	12	–	–	2.28	–	S
Sutton Bonington	48	9.7	3.7	6.7	+0.5	14.9	1	-2.2	21	8.3	9.9	48	86	11	1	14	10	0	0	0	0	0	1	5	11	9	2	1.79	92	-
Warsop	46	9.6	2.7	6.1	+0.3	14.9	1	-2.8	21	–	–	46	74	14	18	15	10	0	0	0	0	0	3	7	17	–	0	1.73	88	-
Nottingham W.C. (A)	117	9.1	3.1	6.1	+0.1	14.2	1	-2.2	17	7.1	–	47	71	8	18	17	9	2	0	0	1	2	3	6	11	10	0	1.71	97	-
Wiseton	6	9.5	1.7	5.6	–	15.1	1	-3.5	17	–	–	31	–	7	18	14	9	0	0	0	0	0	2	11	–	–	0	1.87	–	-
Staffordshire																												
Cellarhead	228	8.0	2.4	5.2	–	12.8	1	-3.2	21	–	–	82	–	20	18	19	14	2	0	–	–	–	–	7	15	13	–	–	–	-
Keele (A)	179	8.5	2.9	5.7	0.0	13.6	1	-1.5	21	6.9	9.8	68	92	13	18	18	15	0	0	0	0	1	3	3	13	10	0	1.69	88	-
Penkridge	101	9.3	3.4	6.3	+0.4	14.0	1	-2.0	21	7.0	–	58	92	12	18	18	10	0	0	0	0	0	1	3	18	–	0	1.31	–	-
Leicestershire																												
Brooksby Hall	70	9.3	2.9	6.1	–	14.5	1	-4.8	21	7.8	–	46	–	11	1	13	9	0	0	0	0	0	3	5	14	–	0	1.81	–	-
Caldecott	53	9.6	3.4	6.5	+0.7	15.0	1	-3.2	21	–	–	55	99	20	18	13	10	0	0	0	0	0	1	6	17	–	1	1.61	82	S
Cottesmore	138	9.0	3.0	6.0	–	14.4	1	-3.0	17,21	–	–	37	–	10	18	11	9	–	–	–	–	–	–	6	–	–	–	–	–	-
Newtown Linford	119	9.2	2.9	6.1	+0.3	14.3	1	-2.6	21	–	–	51	87	10	4	16	11	0	0	0	0	0	1	6	11	–	0	1.44	73	S
Shropshire																												
Edge	126	9.4	3.5	6.5	–	14.4	1	-2.3	21	–	–	79	–	25	18	17	14	1	0	2	0	1	1	1	17	–	3	–	–	-
Ludlow College	107	9.2	3.2	6.2	–	13.3	1	-2.9	21	–	–	60	–	16	18	20	10	0	0	0	0	0	–	6	–	–	0	–	–	-
Nethercott	150	9.8	3.1	6.5	–	13.8	1	-3.0	21	–	–	56	–	13	2	17	12	0	0	0	0	0	2	5	17	–	0	–	–	-
Newcastle-on-Clun	210	8.9	2.8	5.9	–	14.0	1	-2.9	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7	–	–	–	–	–	-
Oswestry School	139	9.7	3.4	6.5	–	13.5	1	-1.5	6	–	–	96	–	25	18	22	15	0	0	1	0	1	1	4	–	–	0	–	–	-
Pennerley	357	8.1	1.9	5.0	–	12.2	1	-2.0	13,14	–	–	81	–	31	18	22	13	1	0	0	0	0	2	5	12	–	0	–	–	-
Preston Montford	67	9.8	3.1	6.5	–	15.2	1	-3.1	21	7.3	9.3	63	–	21	18	18	12	0	0	0	0	0	1	3	11	–	0	1.76	–	-
Shawbury (A)	72	9.7	3.0	6.3	+0.2	15.2	1	-3.5	21	8.0	–	53	85	19	18	18	11	2	0	1	0	1	0	5	13	10	0	1.72	88	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
4 MIDLAND COUNTIES - Continued																														
West Midlands																														
Birmingham Elmdon Airport (A)	98	9.4	3.2	6.3	+0.2	14.4	1	-3.8	21	8.3	–	55	88	13	18	16	10	0	0	0	0	1	0	5	14	8	0	1.62	78	-
Winterbourne	140	9.0	3.7	6.3	–	14.4	1	-2.6	21	8.0	9.8	73	–	19	18	16	13	0	0	3	0	2	2	2	15	12	2	1.67	–	-
Halesowen	155	9.0	3.2	6.1	0.0	13.7	1	-3.2	21	7.4	10.2	52	71	12	18	19	10	1	0	0	1	0	1	5	16	13	0	1.62	80	S
Walsall	163	9.0	3.5	6.3	+0.3	14.0	1	-1.6	21	–	–	65	–	14	18	20	13	0	0	0	0	0	–	2	14	–	0	–	–	-
Warwickshire																														
Coventry (Bablake)	93	9.6	3.8	6.7	–	14.7	1	-2.0	21	7.7	9.9	39	–	10	18	13	10	0	0	0	0	0	1	3	15	9	0	1.62	–	-
Rugby	117	9.0	3.3	6.1	(0.0)	14.2	1	-3.7	21	7.6	9.5	48	87	14	1	15	10	0	0	0	0	0	–	4	12	10	0	–	–	-
Stratford-upon-Avon	49	9.7	2.9	6.3	+0.2	15.1	1	-5.2	21	8.3	–	40	68	14	18	13	9	–	0	–	–	–	1	7	19	–	–	1.49	74	S
Wellesbourne	47	9.7	3.6	6.7	+0.5	14.8	1	-3.2	21	7.5	9.3	35	65	13	18	12	10	0	0	0	0	0	1	6	13	10	0	1.64	79	-
Northamptonshire																														
Moulton Park	122	9.5	3.4	6.5	–	14.7	1	-1.9	21	8.0	10.1	68	–	30	18	13	10	0	0	0	0	0	–	3	15	–	0	1.48	–	S
Raunds	59	9.5	3.3	6.4	+0.3	15.4	1	-3.3	21	8.0	10.7	59	105	24	18	16	9	0	0	0	0	0	1	5	16	–	0	–	–	S
Hereford & Worcester																														
Astwood Bank	139	8.9	3.0	5.9	–	14.0	1	-2.5	21	–	–	49	–	16	18	14	9	0	0	0	0	1	1	6	12	–	0	–	–	-
Barbourne	25	10.1	3.2	6.7	–	15.2	1	-3.8	21	–	–	56	–	16	18	15	8	0	0	0	0	1	1	8	18	–	4	–	–	-
Batchley Farm	247	8.0	–	–	–	12.5	1	–	–	7.9	–	66	–	18	18	19	10	0	0	0	0	0	4	–	13	–	0	–	–	-
Great Malvern	44	10.1	4.1	7.1	–	14.8	1	-2.9	21	–	–	68	–	18	18	20	8	0	–	–	–	–	–	5	–	–	–	–	–	-
Lyonshall	155	9.1	3.3	6.2	+0.1	13.0	1	-1.5	21	–	–	70	81	15	2	22	11	–	–	–	–	–	–	2	17	–	–	–	–	-
Madley	77	10.0	3.6	6.8	–	14.0	7	-3.6	21	–	–	61	–	19	18	17	12	0	0	0	0	0	2	5	8	–	0	–	–	S
Malvern	62	9.9	4.3	7.1	+0.2	14.5	1	-2.3	21	8.6	10.9	68	100	19	18	20	7	0	0	0	0	0	1	5	15	–	1	1.36	67	S
Pershore College of Hort.	40	9.8	4.1	6.9	+0.2	15.0	1	-2.2	21	–	–	44	83	16	18	15	7	0	0	0	0	1	0	1	11	–	6	1.03	48	S
Preston Wynne	84	9.4	2.8	6.1	0.0	13.9	1	-3.2	22	–	–	60	90	18	18	18	9	0	0	0	0	0	1	7	18	–	0	1.60	76	S
Ross on Wye	67	10.0	4.4	7.2	+0.5	14.6	7	-2.5	21	8.2	–	85	120	20	18	14	12	0	0	0	0	1	1	4	11	–	0	1.70	79	-
Gloucestershire																														
Cheltenham	65	10.5	4.1	7.3	+0.5	14.1	26	-4.1	21	–	11.7	95	139	31	18	14	10	0	0	0	0	0	0	5	–	–	5	1.65	75	-
Cirencester	135	9.3	2.6	5.9	–	14.0	1	-4.2	6	8.0	–	112	–	22	18	13	10	0	0	1	0	1	–	8	21	–	0	–	–	-
Didbrook Fields	80	9.5	3.9	6.7	–	14.3	1	-2.8	21	–	–	77	–	29	18	12	11	1	0	0	0	1	1	3	–	–	0	–	–	-
Randwick	200	8.7	3.3	6.0	–	13.6	1	-1.7	9	7.9	–	105	–	23	18	14	12	2	0	1	0	4	1	3	15	–	0	–	–	-
Slimbridge	5	(9.8)	4.1	6.9	–	(15.0)	1	-3.7	21	–	–	85	–	14	12	12	11	1	0	1	0	1	–	4	12	–	0	–	–	-
Westonbirt	122	9.0	3.2	6.1	–	13.7	1	-2.2	21	8.1	10.2	103	–	17	2	15	12	1	0	3	0	1	4	7	13	–	1	1.45	–	S
Oxfordshire																														
Benson (A)	67	9.9	4.2	7.1	–	15.2	1	-0.8	21	–	–	62	101	23	18	13	8	–	–	–	–	–	–	3	–	–	–	–	–	-
Brize Norton (A)	81	9.7	3.4	6.5	+0.2	14.5	1	-2.8	21	8.1	–	73	–	21	18	14	10	1	0	0	2	0	3	4	9	9	0	1.90	–	-
Oxford (A)	63	9.9	4.5	7.2	+0.4	15.1	1	-1.7	21	8.0	10.1	62	104	24	18	13	10	0	0	0	1	0	3	2	14	8	0	1.91	83	-
Shirburn (Model Farm)	108	9.8	3.7	6.7	–	14.9	1	-2.1	6	7.9	9.7	57	–	21	18	13	9	0	0	0	1	0	2	4	11	–	0	–	–	-
Wallingford	48	10.3	3.9	7.1	(+0.7)	15.2	1	-2.1	10	8.3	10.2	57	–	21	18	12	8	0	0	0	2	0	–	6	15	–	0	1.91	(93)	S
Buckinghamshire																														
Grendon Underwood	67	10.0	2.8	6.4	+0.6	15.2	1	-4.5	10,21	8.0	–	55	98	19	18	12	11	–	0	–	–	–	2	9	17	–	–	–	–	-
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	10.7	3.8	7.3	(-0.2)	15.9	1	-1.6	22	–	–	46	78	9	19	13	10	0	0	0	1	2	3	7	–	0	1.82	103	-
Hampstead	137	9.9	4.0	6.9	+0.3	14.6	1	-0.7	21	–	–	61	–	20	19	14	10	1	0	0	0	1	1	2	12	–	1	–	–	-
Heathrow Airport (A)	25	10.6	4.2	7.4	+0.3	16.4	1	-1.5	21	–	–	59	96	20	18	12	8	0	0	0	1	1	0	5	9	7	0	1.97	92	-
Kew Royal Botanic Gardens	6	10.6	3.3	6.9	–	15.6	1	-3.6	21	7.8	10.0	57	93	17	18	14	9	0	0	1	0	1	1	7	12	15	0	1.92	–	S
London Weather Centre (A) (X)	77	11.0	5.9	8.5	–	15.9	1	1.5	21	–	–	46	–	13	18	13	10	0	–	0	1	2	0	0	–	–	0	2.00	–	-
Northolt	34	10.5	3.8	7.1	–	16.0	1	-3.2	10	–	–	57	–	20	18	14	9	0	0	0	1	1	1	6	10	7	0	–	–	-
Northwood	85	9.9	3.9	6.9	–	15.0	1	-2.1	21	–	–	66	–	16	18	14	13	1	0	0	0	1	1	4	–	–	0	–	–	-
St James's Park	9	10.7	5.2	7.9	+0.1	15.9	1	0.2	21	9.1	11.4	55	91	13	18,19	13	10	–	0	–	–	–	–	0	14	–	–	–	–	-
Waltham Cross	32	10.8	3.0	6.9	–	15.0	1	-4.0	21	7.9	–	52	–	15	18	16	10	–	0	–	–	–	–	7	12	–	–	1.59	–	S
Wiltshire																														
Boscombe Down (A)	126	9.5	3.4	6.5	0.0	14.2	1	-2.7	21	–	–	52	67	18	18	16	10	–	–	–	–	–	–	5	–	–	–	–	–	-
Lacock	49	10.1	3.6	6.9	+0.7	14.7	1	-3.9	21	–	–	65	93	12	18	14	11	0	0	3	0	2	1	6	16	–	1	–	–	-
Larkhill	132	9.5	3.3	6.4	0.0	14.3	1	-2.0	21	–	–	52	–	18	18	15	12	–	–	–	–	–	–	7	–	–	–	–	–	-
Lyneham (A)	145	9.1	3.6	6.3	0.0	13.9	1	-2.0	21	–	–	71	103	17	18	15	10	2	0	0	3	2	2	4	13	11	0	1.62	69	-
Marlborough	129	10.0	2.9	6.5	+0.6	14.6	1	-4.2	21	8.4	–	70	87	22	18	15	11	0	0	0	2	1	4	8	–	–	0	1.65	(83)	S
Netheravon	129	9.4	2.6	6.0	–	14.2	1	-3.7	21	–	–	48	–	19	18	15	9	–	–	–	–	–	–	9	–	–	–	–	–	-
Berkshire																														
Arborfield	49	10.0	3.4	6.7	–	15.2	1	-4.0	21	–	–	58	–	23	18	15	8	0	0	0	0	0	3	8	13	–	0	2.05	–	-
Easthampstead	74	9.9	3.4	6.7	–	15.1	1	-3.7	21	7.6	9.5	64	–	23	18	13	9	0	0	0	0	0	3	7	14	11	0	1.93	–	-
Hurley	43	9.9	3.4	6.7	+0.3	15.2	1	-2.9	10	7.4	–	60	87	23	18	12	10	0	0	0	0	0	3	9	13	–	0	1.73	86	S
Lambourn (Warren Farm)	192	8.9	2.7	5.8	–	13.6	1	-2.0	16	7.9	–	76	–	23	18	16	10	–	0	–	–	–	–	3	–	–	–	–	–	-
Reading	66	10.1	4.1	7.1	–	15.3	1	-1.9	21	8.4	10.3	57	–	20	18	13	8	0	0	0	0	0	3	3	16	8	0	1.79	–	S
Surrey																														
Merrist Wood	45	10.1	3.1	6.6	–	15.5	1	-3.8	21	7.4	–	60	–	19	18	11	9	0	0	0	0	0	0	8	20	–	0	1.78	–	S
Mickleham	55	10.3	2.4	6.3	+0.2	15.0	1	-3.5	12	8.4	10.5	80	95	25	18	13	10	0	0	0	0	0	4	9	20	13	0	–	–	-
Wisley	32	10.5	3.8	7.1	+0.3	15.3	1	-2.9	21	7.6	9.9	59	86	22	18	12	9	0	0	0	0	0	3	5	(14)	–	0	1.73	86	-
Kent																														
Anvil Green	139	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0	0	1	5	–	12	–	0	–	–	-
Charing	91	–	–	–	–	–	–	–	–	–	–	84	–	20	19	17	14	–	–	–	–	–	–	–	–	–	–	–	–	-
East Malling (A)	33	10.1	4.0	7.1	+0.3	15.2	1	-1.5	10	8.1	10.2	57	78	10	19	16	10	0	0	0	0	0	3	5	12	9	0	1.84	86	-
Edenbridge	45	10.4	2.8	6.6	–	15.2	1	-3.8	10	–	–	60	–	12	18	16	12	0	0	0	0	0	–	9	–	–	0	–	–	S
Elmstone	5	10.8	3.9	7.3	–	15.7	1	-3.3	17	–	–	77	–	15	18	18	13	0	0	0	0	0	3	6	–	–	1	–	–	-
Folkestone	31	10.0	4.5	7.3	–	14.4	1	-2.2	10	–	10.7	126	–	26	18	20	14	0	0	0	0	0	3	0	2	9	–	5	2.06	85	-
Goudhurst	85	9.6	3.7	6.7	+0.4	14.2	2	-2.5	21	–	–	112	116	23	10	18	13	0	0	0	0	0	2	6	13	–	0	–	–	-
Hadlow College	27	10.1	3.3	6.7	–	15.1	1	-3.0	10	8.0	–	58	–	12	18	17	11	0	0	0	0	0	1	10	–	–	0	1.22	–	-
Herne Bay	27	10.0	5.1	7.5	–	14.5	2	0.5	6,10	8.6	11.1	67	–	15	18	20	11	0	0	0	0	0	1	0	9	2	1	2.07	–	-
Manston (A)	44	9.8	4.2	7.0	-0.3	14.4	2	-1.0	10	8.5	–	57	85	15	18	17	12	0	0	0	1	0	3	2	9	7	0	1.66	–	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																														
Kent - Continued																														
Margate, North Down	40	10.1	5.0	7.5	–	15.0	2	0.1	10	8.8	10.9	61	–	13	18	19	12	0	0	1	0	0	1	0	10	–	1	–	–	-
Ulcombe	47	9.8	3.0	6.4	–	14.6	2	-3.2	10	–	–	69	–	19	19	17	12	0	0	0	1	5	9		13	12	0	1.53	–	-
Wye	56	9.7	3.6	6.7	-0.1	14.6	2	-2.4	10	8.7	10.3	98	109	16	19	18	15	0	0	0	1	6	4		15	–	0	1.55	70	S
Hampshire																														
Alice Holt Lodge	115	9.8	3.0	6.4	+ 0.1	14.6	1	-2.1	16	–	–	65	73	18	18	12	10	0	0	0	0	0	3	8	17	–	0	1.67	76	-
Butser, Windmill Hill	160	10.2	3.4	6.8	–	15.0	1	-2.5	15	7.8	9.7	67	–	12	10	14	14	0	0	0	1	0	0	7	18	–	0	–	–	-
Everton	16	10.9	4.8	7.9	+ 0.2	14.8	1	-1.2	10	–	–	49	58	8	2	14	12	0	0	0	0	0	0	3	11	–	0	2.15	85	S
Hayling Island	4	10.6	5.7	8.1	0.0	14.5	1	-0.5	21	–	–	50	60	8	10	15	11	0	0	0	0	0	0	1	–	–	0	2.14	82	-
Kingsclere, Strattons Farm	102	9.5	3.4	6.5	–	14.5	1	-1.9	16	–	–	65	–	22	18	14	11	0	0	0	0	0	3	7	14	–	2	–	–	-
Leckford	117	9.5	3.5	6.5	+ 0.1	14.1	1	-1.8	21	7.9	–	56	64	19	18	16	9	0	0	0	0	0	3	5	–	–	2	1.97	85	-
Long Sutton	145	9.5	3.4	6.5	(+ 0.2)	14.2	1	-1.8	21	8.1	10.5	71	83	18	18	13	11	0	0	0	1	0	4	4	11	9	0	1.84	84	-
Martyr Worthy	84	9.8	3.4	6.6	(+ 0.1)	14.7	2	-2.7	15	–	–	58	–	13	2,18	13	9	0	0	0	0	0	2	8	15	–	0	–	–	-
Middle Wallop	90	9.9	3.6	6.7	–	14.4	1	-3.5	21	–	–	58	–	20	18	13	10	–	–	–	–	–	–	5	–	–	–	–	–	-
Odiham	118	9.7	4.2	6.9	–	14.8	1	-1.4	22	–	–	58	–	18	18	13	8	0	0	0	0	0	2	2	8	7	0	1.83	–	-
Otterbourne	34	10.5	3.7	7.1	–	15.1	1	-3.5	15	8.4	10.7	52	–	9	19	15	10	–	–	–	–	–	–	7	11	–	–	–	–	-
Solent M R S C	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5	–	–	–	–	-
Southampton																														
Mayflower Park	3	10.8	5.0	7.9	–	15.3	1	-0.6	15	9.6	11.7	56	–	12	2	14	11	–	–	–	–	–	1	2	8	7	–	1.87	–	-
Weather Centre (X)	19	11.0	5.0	8.0	–	15.5	1	-0.2	21	–	–	59	–	12	2	13	11	0	–	0	0	0	1	1	–	6	0	–	–	-
South Farnborough	69	10.2	3.4	6.8	+ 0.2	15.2	1	-3.6	21	–	–	70	–	21	18	13	8	–	–	–	–	–	–	9	–	–	–	–	–	-
Southsea	2	10.9	6.0	8.5	+ 0.1	15.2	1	-0.2	21	9.8	11.4	51	61	11	12	11	10	0	0	0	1	0	0	1	6	–	1	–	–	-
Sparsholt	113	9.9	4.4	7.1	–	14.2	1	-1.0	21,22	–	–	52	56	11	18	14	9	0	0	0	0	0	2	2	9	–	1	1.58	–	S
Isle of Wight																														
Ryde	4	10.8	6.1	8.5	+ 0.1	15.3	1	0.8	21	–	–	70	72	13	12	15	11	0	0	1	1	1	1	0	–	–	1	2.34	95	-
St Catherines Point	16	11.1	6.6	8.9	–	15.0	1	0.3	21	–	–	71	75	10	1	17	14	–	–	–	–	–	–	0	–	–	–	–	–	-
Sandown	4	10.8	5.6	8.2	-0.3	14.9	1	-1.1	16	–	–	88	–	14	18	13	12	0	0	1	0	0	0	3	–	–	0	(2.27)	85	-
Shanklin	55	10.7	5.2	7.9	-0.2	14.7	1	-1.7	21	–	–	83	78	12	18	17	12	0	0	4	0	1	1	1	–	–	2	2.49	93	-
Ventnor Park	135	10.9	6.0	8.5	0.0	14.4	1	-0.2	21	9.1	–	70	65	10	10	17	13	0	0	1	0	1	0	1	–	–	1	2.53	91	-
Wellow	25	11.0	4.9	7.9	–	14.8	1	-0.3	16	–	–	62	–	12	12	15	13	0	–	2	0	0	3	2	8	–	1	–	–	-
West Sussex																														
Bognor Regis	7	10.2	5.4	7.8	-0.1	14.2	1	0.1	21	–	11.1	76	86	11	13	17	12	0	0	0	1	0	0	0	4	–	0	2.50	94	-
Gatwick Airport (A)	59	10.2	3.0	6.6	+ 0.3	15.0	1	-3.3	21	8.7	–	67	77	14	18	13	10	0	0	0	0	0	3	10	11	8	0	1.86	87	-
Rogate	64	10.2	3.8	7.0	–	14.8	1	-2.1	10	8.4	–	63	–	14	10	12	10	0	0	0	0	0	2	6	15	–	0	1.59	–	S
Rustington	3	10.8	4.5	7.7	–	14.9	1	-2.2	10	–	10.7	78	–	12	10	17	12	0	0	0	1	0	0	6	9	–	0	2.30	–	-
Worthing	2	10.7	4.5	7.6	–	14.8	1	-2.1	10	8.7	–	79	–	13	10	17	13	0	0	0	0	0	0	3	–	–	0	2.12	82	-
East Sussex																														
Bexhill	4	–	5.3	–	–	–	–	0.1	10	8.2	11.0	161	167	28	18	19	15	0	0	1	0	0	2	0	8	–	0	1.45	61	-
Brede	82	10.0	–	–	–	14.5	1	–	–	–	–	132	–	22	18	18	14	0	0	1	0	1	1	–	8	–	0	–	–	-
Brighton	116	(10.5)	5.0	7.7	–	14.2	1	0.0	21	–	–	104	–	16	18	16	14	0	0	0	1	0	–	0	7	–	0	–	–	-
Eastbourne	7	10.8	5.9	8.3	0.0	14.6	1	0.8	10	8.8	11.3	139	135	31	18	17	14	0	0	2	0	2	0	0	7	–	2	2.27	94	-
East Hoathly	38	–	3.0	–	–	–	–	-3.9	10	–	–	123	–	21	10	16	15	0	0	–	–	–	–	8	13	10	–	1.70	–	-
Hastings	45	10.3	5.3	7.8	-0.2	14.8	1	0.0	6	8.7	10.8	139	146	32	18	17	13	0	0	1	1	3	0	0	7	3	3	2.04	83	-
Herstmonceux (A)	17	10.2	3.7	6.9	–	14.4	1	-1.9	6,10	–	–	116	–	21	18	17	14	0	0	1	1	3	0	7	10	9	1	1.82	–	-
Plumpton	76	10.5	4.3	7.4	–	14.5	1	-1.7	16	–	–	106	84	23	10	16	14	0	0	0	0	1	4		8	–	0	1.56	–	S
7A ENGLAND NW & I.o.M.																														
Cumbria																														
Aspatria	61	9.0	3.2	6.1	–	13.0	1	-3.4	20	–	–	168	–	35	2	20	15	1	0	3	0	0	0	5	12	–	2	1.93	–	S
Carlisle (A)	26	9.2	3.2	6.2	+ 0.2	14.0	1	-3.1	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	-
Casterton	129	8.3	3.0	5.7	–	12.8	1	-2.0	21	–	–	188	–	40	10	24	19	1	0	1	1	1	0	5	14	–	2	–	–	-
Eskmeals (A)	8	9.9	4.3	7.1	–	13.1	1	-2.9	20	8.0	10.0	150	–	18	13	23	19	0	–	0	1	1	0	4	11	9	1	–	–	-
Grizedale	91	8.6	2.4	5.5	–	11.6	7	-3.8	21	7.7	–	264	136	46	10	25	20	0	0	1	0	0	0	9	16	–	0	–	–	-
Newton Rigg	171	8.1	2.4	5.3	0.0	12.0	1	-3.0	16	5.9	–	156	158	31	1	22	19	1	0	0	1	0	0	7	18	–	2	1.24	70	S
Sellafield (A)	22	9.9	4.2	7.1	–	13.0	1, 2	-3.0	17	–	–	125	–	19	10	18	18	–	0	–	–	–	0	3	10	–	–	1.70	–	-
Stainburn	26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Whins Pond	125	–	–	–	–	–	–	–	–	–	–	146	–	25	1	23	18	1	–	0	1	0	0	–	–	–	–	–	–	S
Lancashire																														
Aughton (A)	54	9.6	4.3	6.9	–	14.5	1	0.3	21	7.4	9.6	92	–	17	3	17	15	0	0	2	4	1	0	0	9	5	0	2.18	–	-
Hazelrigg	95	8.8	4.0	6.4	–	12.9	1	0.0	21	6.9	9.2	150	–	28	10	22	16	2	0	0	5	1	0	0	9	11	1	2.09	–	-
Lathom Park	55	9.4	3.4	6.4	–	14.0	1	-3.6	21	7.6	–	107	–	16	3	21	16	0	0	2	0	1	–	1	–	–	0	1.82	–	S
Morecambe	7	9.3	4.8	7.1	+ 0.3	13.8	1	-0.9	21	–	–	151	147	26	10	23	15	1	0	0	1	1	0	1	–	–	1	2.00	101	-
Myerscough	14	10.3	3.6	6.9	–	14.0	1	-3.0	21	7.5	10.2	155	–	23	17	20	15	0	0	0	2	1	–	6	10	–	2	1.74	–	S
Preston	33	9.7	3.9	6.8	+ 0.2	14.5	1	-2.9	21	–	–	158	153	19	17	20	17	0	0	0	5	2	0	5	–	–	0	–	–	-
Slaidburn	192	8.1	3.2	5.7	+ 0.4	11.4	7	-1.5	6	–	–	251	148	46	10	22	20	–	0	–	–	–	–	3	13	–	–	1.75	98	S
Squires Gate Airport (A)	10	9.8	4.1	6.9	+ 0.1	14.0	1	-2.4	21	–	–	144	157	22	13	22	17	0	0	1	0	0	1	1	9	4	0	2.23	109	-
Merseyside																														
Aigburth (A)	12	9.9	4.9	7.4	–	14.2	1	-0.7	21	–	–	(66)	–	12	8	21	13	0	0	0	2	1	1	1	8	6	0	–	–	-
Bidston	60	9.8	5.4	7.6	–	14.4	1	2.0	17	–	–	59	75	9	2	19	13	0	0	4	0	0	0	0	7	–	0	2.13	–	S
Crosby	6	9.8	5.2	7.5	–	14.3	1	0.8	20	–	–	84	–	11	3	20	15	0	–	0	2	0	0	0	–	–	6	–	–	-
Southport, Greenbank	15	9.8	4.7	7.3	–	14.4	1	-0.3	21	7.4	8.7	94	–	15	2	20	15	0	0	3	0	0	0	1	4	2	0	2.28	–	-
Greater Manchester																														
Bolton	107	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
Manchester																														
Ringway Airport (A)	75	9.7	3.5	6.6	+ 0.3	15.0	1	-2.3	21	–	–	70	91	11	10	20	15	2	0	0	3	2	1	3	13	9	0	1.81	94	-
Cheshire																														
Bradeley Green	115	9.1	3.5	6.3	–	14.1	1	-0.5	21	–	–	63	–	18	18	21	13	0	0	3	0	2	0	2	9	–	0	–	–	-
Delamere Forest	68	9.6	2.3	5.9	–	14.4	1	-3.6	21	–	–	66	–	10	8	17	15	1	0	0	0	0	1	8	8	–	0	–	–	-
Knutsford	65	9.2	3.1	6.1	(-0.1)	14.5	1	-2.4	21	8.4	10.3	67	–	8	10	19	15	0	0	0	2	1	–	4	13	–	1	–	–	-
Macclesfield	143	–	–	–	–	–	–	–	–	–	–	(75)	84	9	10	19	14	0	0	0	0	1	2	–	–	–	0	–	–	-
Nantwich, Reaseheath Hall	40	10.0	3.2	6.6	–	14.7	1	-3.0	21	–	–	62	–	11	18	17	15	0	0	2	0	1	0	2	13	–	0	–	–	-
Ness Gardens	30	10.0	3.9	6.9	–	14.7	1	-0.4	17	7.4	–	56	–	8	8	18	14	0	0	2	0	1	0	1	11	–	0	1.89	–	S

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
7A ENGLAND NW & I.o.M. - Continued																														
Isle of Man																														
Douglas	85	9.5	5.3	7.4	0.0	13.0	1	0.8	21	–	–	145	114	19	17	23	20	0	0	3	0	0	0	0	6	–	3	1.32	63	–
Point of Ayre (A)	9	9.8	5.8	7.8	-0.2	12.2	7	1.2	21	–	–	109	119	18	12	21	16	1	0	0	1	1	0	0	–	–	5	1.85	91	–
Ronaldsway Airport (A)	16	10.5	5.7	8.1	+0.3	13.6	1	-0.7	20	8.1	–	104	108	17	17	21	17	0	0	0	4	0	0	2	7	4	3	1.64	79	–
7B WALES N																														
Gwynedd																														
Aber	10	10.6	5.6	8.1	–	14.0	28	0.7	13	8.1	–	126	–	22	10	23	18	0	0	0	2	0	0	0	–	–	1	1.20	–	S
Amlwch, Anglesey	114	9.4	5.5	7.5	–	12.5	1	1.1	17	–	–	112	–	16	4	24	19	0	–	0	7	0	0	0	4	–	3	–	–	–
Arthog, Fegla Fach Farm	7	10.5	5.5	8.0	–	14.4	29	-0.8	21,22	–	–	142	–	20	10	22	21	0	0	0	0	0	0	2	–	–	0	–	–	–
Bala	163	9.4	3.0	6.2	–	13.0	1	-3.8	21	7.5	9.3	168	116	25	10	22	18	0	0	3	0	0	1	6	14	12	0	1.29	–	S
Betws-y-Coed	20	–	4.3	–	–	–	–	-2.1	21	7.7	9.6	191	–	42	10	22	19	0	0	0	3	1	0	3	13	15	0	–	–	–
Botwnnog	34	10.2	5.5	7.9	–	13.9	1	-0.5	21	9.1	10.9	128	–	23	16	22	21	0	0	0	0	0	1	1	5	–	5	–	–	–
Dinorwic	296	8.0	4.5	6.3	–	10.6	1, 7	0.6	17	–	–	206	–	29	10	26	22	13	0	3	0	0	0	0	9	–	8	–	–	–
Llanymawddwy	145	9.3	3.5	6.4	–	13.0	7	-3.7	21	–	–	275	–	52	10	23	20	1	0	4	0	1	0	6	12	–	2	–	–	–
Nantmor	58	10.2	5.3	7.7	–	13.0	25	-1.4	21	–	–	222	–	43	10	24	22	1	0	2	0	0	–	1	–	–	0	–	–	–
Pen-y-Ffridd	84	10.8	5.6	8.2	+0.7	14.7	30	0.5	21	–	–	125	91	19	10	23	19	0	0	0	0	0	0	0	9	–	1	1.15	64	S
Trawsfynydd (A)	193	9.1	3.9	6.5	–	12.6	1	-1.5	21	–	–	244	–	55	2	24	20	0	0	0	3	1	0	2	12	6	0	–	–	–
Valley (A)	10	10.5	6.3	8.4	+0.2	13.6	1	-0.2	21	9.3	–	82	78	10	12,16	24	17	0	0	1	5	0	0	1	4	3	3	1.45	68	–
Clwyd																														
Alwen	335	7.8	2.2	5.0	+0.3	11.3	1	-4.1	21	–	–	164	111	29	10	26	22	0	0	1	0	0	1	7	15	–	0	–	–	–
Colwyn Bay	36	10.7	5.5	8.1	–	14.0	1	1.0	21	8.8	–	81	–	12	1	22	17	0	0	3	0	0	0	0	–	–	0	1.68	–	–
Cynwyd	208	8.4	3.1	5.7	–	11.5	1	-3.5	21	–	–	153	–	22	1	24	19	1	0	0	6	1	–	2	–	–	2	–	–	–
Hawarden Bridge	5	10.4	4.0	7.2	+0.1	14.3	7	-2.9	21	–	–	61	79	8	8	17	14	0	0	0	1	1	0	4	–	–	0	–	–	–
Llanarmon Dyffryn Ceiriog	267	8.3	2.9	5.6	–	12.0	7	-3.4	21	–	–	144	–	31	18	23	17	7	0	5	1	1	2	5	–	–	0	–	–	–
Loggerheads	210	8.8	2.7	5.7	+0.1	13.1	1	-4.0	21	7.3	9.1	104	103	14	18	19	15	1	0	0	0	0	0	5	14	–	0	1.57	–	S
Moel-y-Crio	263	8.6	3.2	5.9	–	12.7	1	-1.3	21	7.5	–	93	–	16	18	19	16	8	0	2	1	1	2	3	12	–	1	2.07	–	–
Prestatyn	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ruthin	76	10.2	3.8	7.0	(+0.4)	13.9	1	-2.5	21	–	–	104	123	16	18	22	15	0	0	0	0	0	0	3	–	–	0	1.46	–	–
Powys (North)																														
Lake Vyrnwy	360	(8.2)	(2.1)	5.1	–	12.4	7	-3.5	21	–	–	(195)	–	33	10	21	18	1	0	0	0	0	–	9	–	–	0	–	–	–
Llanfair Caereinion	236	8.6	3.3	5.9	–	12.8	1	-2.1	21	7.9	–	116	–	20	18	23	17	2	0	0	1	1	1	2	10	–	3	–	–	–
Machynlleth	76	10.0	3.4	6.7	–	13.6	1	-3.8	21	–	–	230	–	45	10	23	20	0	0	1	0	0	–	5	8	–	0	–	–	–
Moel Cynnedd	358	7.6	2.2	4.9	–	10.3	1,25	-3.9	21	6.6	–	332	–	53	6	23	22	3	5	2	0	0	–	7	13	–	0	–	–	–
Newtown	120	10.1	–	–	–	14.4	1	–	–	–	–	112	–	25	18	22	15	0	0	0	0	1	–	–	15	–	0	–	–	–
8A WALES S																														
Dyfed																														
Aberporth (A)	134	9.7	5.4	7.5	-0.2	13.0	1	0.2	21	8.3	–	100	–	14	12	20	18	2	0	5	3	0	0	0	2	1	10	1.00	50	–
Brawdy (A)	111	9.9	–	–	–	13.1	1	–	–	–	–	88	64	16	3	15	14	2	0	5	2	1	0	–	7	4	4	1.61	–	–
Carmarthen Museum	9	(10.3)	(3.4)	6.9	–	(14.5)	1	-4.5	21	–	–	118	–	16	2	23	15	0	0	0	0	1	–	10	(16)	–	0	–	–	–
Cwmystwyth	301	8.2	2.9	5.5	–	11.3	27	-3.3	21	–	–	241	–	36	6	22	20	–	0	–	–	–	–	6	13	–	–	1.19	–	S
Dale Fort	33	(11.1)	(6.8)	8.9	0.0	14.4	1	2.1	13	9.1	–	66	69	8	17	17	14	0	0	2	0	1	–	0	2	–	0	2.05	88	–
Gogerddan	31	10.4	5.0	7.7	+0.4	14.3	1	-2.7	21	8.9	–	121	–	16	18	20	17	0	0	0	6	0	0	2	5	–	0	1.37	72	S
Milford Haven (A)	37	10.8	6.3	8.5	(0.0)	13.8	1	0.7	21	–	–	88	–	11	3	17	14	0	0	2	0	1	0	0	3	1	6	–	–	–
Orielton	61	(10.5)	6.4	8.5	–	13.6	1	0.8	16	9.0	–	107	–	19	2	16	15	0	0	0	1	0	0	0	7	–	0	–	–	–
Rhandirmwyn	168	9.0	(2.9)	5.9	–	13.0	1	-4.5	21	–	–	177	–	20	10	23	22	0	0	0	2	0	–	8	–	–	1	–	–	–
Saron	152	9.4	3.8	6.6	–	12.8	1	-3.9	21	–	–	112	–	15	12	21	16	0	0	1	0	1	0	3	10	–	2	–	–	–
Scolton Country Park	77	10.3	4.3	7.3	–	15.0	27	-3.2	21	–	–	103	–	12	3,12	15	15	2	0	2	1	2	0	4	11	–	1	–	–	–
Skokholm Island	34	(11.0)	(7.5)	9.3	–	13.8	1	3.6	13	–	–	55	–	11	12	15	12	0	0	1	0	0	–	0	2	–	12	–	–	–
St Clears	40	10.0	3.5	6.7	–	13.7	1	-4.7	21	–	–	119	–	23	2	18	16	0	0	1	1	0	0	7	14	–	0	–	–	–
Swyddffynnon	168	8.7	3.2	5.9	–	12.5	1	-4.9	21	–	–	169	–	25	4	23	18	0	0	1	0	0	1	6	14	–	0	0.94	–	–
Talgareg	198	8.9	2.8	5.9	–	12.4	1	-5.9	21	–	–	133	–	17	18	22	18	0	0	1	5	0	0	9	11	–	0	–	–	–
Tenby	5	10.9	4.8	7.9	–	14.2	1	-3.5	21	–	–	98	–	15	12	20	16	0	0	0	0	0	0	5	–	–	0	1.98	–	–
Towy Castle	88	9.6	4.2	6.9	–	14.0	1	-3.4	21	8.4	10.2	110	–	13	10	23	14	0	0	1	2	3	0	4	12	8	1	1.42	–	S
Whitechurch	129	9.7	4.7	7.2	–	13.0	1, 7	-0.9	16	8.6	10.0	143	–	17	3	18	16	1	0	1	3	1	0	2	10	–	4	–	–	–
Powys (South)																														
Bronydd Mawr	330	8.0	2.8	5.4	–	11.8	1	-2.4	21	–	–	170	–	25	2	23	18	3	0	1	2	0	0	4	15	–	1	0.92	–	–
Llangenny	122	9.7	(3.5)	6.6	–	13.5	1	-2.6	21	–	–	120	–	20	2	17	14	0	0	0	0	0	–	3	–	–	0	–	–	–
Llangunllo	310	8.0	2.3	5.1	–	12.7	1	-3.0	21	7.5	–	(102)	–	16	2,12	22	16	4	0	0	0	1	4	7	15	–	0	–	–	–
Llysdinam	200	8.9	3.0	5.9	–	14.1	1	-4.5	21	7.7	–	129	–	21	10	24	17	2	0	2	0	1	1	4	13	–	2	–	–	–
Pencelli	160	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Presteigne	175	9.4	1.7	5.5	–	14.2	1	-4.4	21	–	–	86	–	13	10	20	15	3	0	0	0	1	1	11	14	–	0	1.73	–	–
St Harmon	279	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Velindre	152	9.3	3.6	6.5	–	13.3	1	-4.3	21	8.4	10.0	96	–	15	18	21	13	2	0	0	0	0	2	4	15	–	1	–	–	–
West Glamorgan																														
Mumbles Head	35	10.5	6.2	8.3	(+0.1)	14.2	1	1.8	21	–	–	–	–	–	–	–	–	0	0	1	0	3	0	0	4	–	6	–	–	–
Neath	62	10.8	4.4	7.6	-0.3	16.0	1	-2.0	21	–	–	118	80	20	10	15	13	0	0	0	0	0	0	3	10	–	0	–	–	–
Penmaen	87	10.2	5.6	7.9	–	14.5	1	0.0	21	8.9	10.4	104	–	18	2	16	12	0	0	2	1	1	0	0	9	6	4	1.50	–	–
Swansea	10	10.9	5.7	8.3	0.0	15.1	1	-0.3	21	8.2	11.3	108	79	19	10	14	12	0	0	0	0	0	0	1	9	4	0	1.56	–	–
Mid Glamorgan																														
Cilfynydd (A)	194	8.7	3.3	6.0	–	13.1	1	-2.5	21	–	–	173	–	30	2	18	13	1	0	1	0	2	1	6	14	9	3	–	–	–
Cwmbargoed	372	7.5	2.7	5.1	–	11.5	1	-2.2	21	–	–	141	–	23	2	22	13	5	1	–	–	–	–	5	13	–	–	–	–	–
Porthcawl	6	(11.0)	(5.4)	8.2	–	15.0	1	-0.2	21	–	–	90	81	14	18	15	11	–	–	–	–	–	–	2	–	–	–	–	–	–
South Glamorgan																														
Cardiff																														
Bute Park	9	10.5	3.8	7.1	–	15.0	1	-2.6	21	8.8	10.2	118	–	21	13	14	14	–	0	–	–	–	0	8	15	–	–	1.66	–	S
Weather Centre (X)	58	10.7	5.4	8.1	–	15.2	1	0.1	21	–	–	98	–	19	3	14	14	1	–	4	0	3	0	0	–	–	0	–	–	–
Flat Holm	15	(10.4)	(5.7)	8.1	–	(15.5)	1	1.7	21	–	–	(81)	–	(12)	3	16	13	0	0	2	0	1	–	0	3	–	5	–	–	–
Rhoose Airport (A)	65	10.1	4.6	7.3	0.0	15.1	1	-1.8	21	–	–	87	–	15	13	15	11	0	0	0	3	0	0	3	9	8	1	1.87	82	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of * 1951-80 average	Exposure
8A WALES S - Continued																														
Gwent																														
Crossway	140	9.2	3.3	6.3	–	13.0	1, 7, 8	-2.5	21	–	–	95	–	15	1	15	13	0	0	0	0	1	2	8	–	–	0	–	–	–
Llanishan	180	8.8	3.9	6.3	–	13.0	1	-1.6	21	–	–	95	–	14	2	16	13	–	–	–	–	–	1	3	–	–	–	–	–	–
Tredegar, Bryn Bach Park	380	7.6	2.6	5.1	–	11.0	1	-2.3	21	–	–	180	–	33	2	23	14	4	1	0	0	0	5	6	16	–	0	–	–	–
Usk	21	10.4	3.5	6.9	–	14.9	2	-4.0	21	8.7	–	122	–	19	1	16	14	–	0	–	–	–	3	10	18	–	–	–	–	–
8B ENGLAND SW																														
Avon																														
Bristol Weather Centre (A) (X)	42	10.5	5.5	8.0	–	15.1	1	-0.1	21	–	–	115	–	24	2	16	14	1	–	3	0	2	1	1	–	3	0	1.70	–	–
Long Ashton	51	9.7	4.4	7.1	-0.1	14.2	1	-2.0	21	–	–	119	131	22	3	18	14	0	0	0	0	0	–	4	8	–	0	–	–	–
Weston Super Mare	5	10.9	4.7	7.8	–	16.2	1	-4.0	21	–	–	71	–	13	13	16	13	0	0	0	0	1	–	5	–	–	0	1.65	–	–
Somerset																														
Brymore	23	10.7	5.0	7.9	–	15.0	1	-1.7	21	8.6	–	76	–	17	13	16	12	0	0	0	0	0	0	2	10	4	0	1.76	–	S
Castle Cary	135	9.5	3.7	6.6	–	14.0	1	-1.9	21	–	–	46	–	9	18	17	14	2	0	0	0	0	2	3	11	–	1	–	–	–
Downside Abbey	183	9.0	3.3	6.1	–	13.1	1	-2.2	21	–	–	102	–	17	7	19	13	–	–	–	–	–	–	3	–	–	–	–	–	–
Minehead	10	11.0	5.8	8.4	–	15.6	1	-0.4	21	8.5	9.5	92	–	20	12	17	14	1	0	2	3	0	1	1	9	2	0	1.78	–	S
Nettlecombe	96	10.3	3.5	6.9	–	15.0	1	-4.7	21	8.4	–	111	–	20	13	17	14	0	0	0	0	0	–	6	11	–	0	–	–	–
Nettlecombe (Birds Hill)	280	8.5	4.6	6.5	–	13.1	1	0.8	13,14	7.7	–	121	–	19	2	19	15	0	0	0	0	0	0	0	9	–	0	–	–	S
Rodney Stoke	40	10.2	3.4	6.8	–	14.9	1	-2.2	21	9.1	11.2	67	–	10	13	17	14	0	0	0	0	1	1	5	(16)	–	0	–	–	–
Tivington	82	10.7	5.1	7.9	–	14.7	1	-2.0	21	8.6	11.0	114	–	19	12	17	14	1	0	6	4	1	0	2	7	2	0	–	–	–
Yeovilton (A)	18	10.6	–	–	–	15.0	1	–	–	8.6	–	47	–	7	3,10	16	10	0	0	0	0	0	1	–	12	8	1	–	–	–
Dorset																														
Bournemouth Hurn Airport (A)	10	10.8	2.9	6.9	-0.2	15.1	1	-4.5	21	8.0	–	51	60	12	10	15	13	0	0	0	0	0	0	9	14	10	0	2.26	–	–
Kings Park	27	10.9	4.8	7.9	–	15.0	1	-1.5	21	8.6	10.3	66	–	9	12	14	13	0	0	1	0	0	0	5	7	–	3	2.24	–	S
Christchurch	4	11.0	4.7	7.9	+0.3	15.1	2	-1.4	21	–	–	66	77	9	2	14	13	0	0	0	0	0	0	4	11	–	0	–	–	–
Fontmell Magna	95	10.0	3.1	6.5	–	14.5	1	-3.4	21	–	–	65	–	13	18	18	13	0	0	0	1	0	2	9	–	–	5	–	–	–
Lower Kingcombe	122	9.9	(2.9)	6.4	–	13.9	1	-5.0	21	–	–	75	–	11	2	15	12	1	0	1	1	0	1	10	16	–	3	–	–	–
Poole	5	11.4	5.0	8.2	(+0.7)	15.2	1	-1.2	15	–	–	57	–	9	12	17	13	0	0	0	0	0	0	1	11	–	0	2.15	(84)	–
Portland Bill (Coastguard) (A)	53	11.0	6.6	8.8	–	14.8	1	-0.7	22	–	–	55	–	9	12	13	9	0	0	0	1	0	0	1	5	3	5	2.01	–	–
Swanage	11	11.2	5.9	8.5	+0.2	15.0	1	0.3	17	–	11.9	66	70	14	2	14	13	0	0	1	0	0	0	0	8	–	4	2.22	88	–
Weymouth	21	11.4	5.8	8.6	–	14.9	1	-1.0	21	–	–	49	–	9	18	15	11	0	0	0	2	0	0	1	–	–	0	–	–	–
Winfrith	26	11.1	4.4	7.7	(+0.3)	15.0	1	-2.7	21	–	–	60	–	11	10	12	11	0	0	1	0	0	0	8	13	10	0	–	–	–
Devon																														
Burrington	199	–	–	–	–	–	–	–	–	–	–	148	–	21	1	21	14	–	–	–	–	–	–	–	–	–	–	–	–	–
Chivenor	6	11.1	5.2	8.1	-0.4	14.5	1	-2.9	21	–	–	92	–	12	13	18	14	–	–	–	–	–	–	2	–	–	–	–	–	–
Dunkeswell	251	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exeter Airport (A)	32	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exmouth	78	10.8	5.7	8.3	–	14.9	1	0.2	21	–	–	48	–	9	12	17	12	0	0	2	0	0	1	0	–	–	2	1.81	–	–
Gawlish	122	10.2	6.2	8.2	–	13.4	1	1.0	21	–	–	87	–	11	12	20	12	1	–	7	1	2	1	0	2	–	6	1.64	–	–
Hemyock	165	9.6	3.7	6.7	–	13.7	1	-2.9	18	–	–	88	–	13	12	16	12	–	0	–	–	–	6	7	–	–	–	1.62	–	S
Ilfracombe	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Lundy	43	11.0	8.5	9.7	–	14.1	1	4.7	19	–	–	71	–	13	3	18	12	–	–	–	–	–	–	0	–	–	–	–	–	–
Melbury	143	10.5	4.8	7.7	–	13.5	1	-3.0	21	–	–	151	101	21	3	20	16	–	0	–	–	–	–	2	–	–	–	1.36	–	S
North Wyke	177	9.9	4.7	7.3	–	14.0	1	-2.0	21	–	–	122	–	18	12	22	17	2	0	3	0	3	0	1	12	–	1	1.67	–	–
Plymouth Mount Batten (A)	27	10.8	5.6	8.2	-0.2	14.2	1	-0.3	21	–	–	79	73	11	2	17	13	0	–	0	1	0	0	1	–	2	4	1.96	83	–
Princetown	423	8.1	3.5	5.8	–	11.7	1	-1.0	21	–	–	148	65	17	12	24	17	1	0	1	0	1	11	1	14	–	2	–	–	–
Rumleigh	23	11.2	4.1	7.7	–	15.2	1	-3.6	21	9.4	11.4	110	–	15	12	17	13	0	0	0	1	2	0	7	12	–	1	–	–	–
Saunton Sands	15	–	–	–	–	–	–	–	–	–	–	75	–	13	3	18	12	–	–	–	–	–	–	–	–	–	–	–	–	–
Sidmouth	10	11.0	5.0	8.0	–	14.5	1, 2	-1.0	21	–	–	50	59	8	24	16	12	1	0	0	1	0	0	3	–	–	1	–	–	–
Slapton	32	11.2	5.7	8.5	(0.0)	14.7	1	-0.3	17	–	–	78	69	15	12	15	12	1	0	0	0	0	0	1	10	–	0	1.99	–	S
Teignmouth	3	11.1	5.6	8.3	-0.3	15.3	1	-0.5	21	–	–	54	58	13	12	15	12	0	0	1	1	0	0	1	–	–	0	2.10	84	–
Torbay (Torquay)	8	11.6	5.8	8.7	+0.1	15.1	1	0.0	17,21	–	11.8	66	67	13	12	16	10	0	0	0	0	0	2	0	5	–	0	2.03	77	–
Twist	186	9.5	3.9	6.7	–	13.0	1	-1.6	17	–	–	82	–	14	24	16	13	0	0	0	0	0	2	1	–	–	3	2.01	–	S
Yarner Wood	198	(9.7)	(4.5)	7.1	–	13.2	1	0.0	17,21	(7.7)	–	113	–	19	12	21	15	0	0	0	0	0	–	0	12	–	2	1.97	–	S
Cornwall																														
Bastreet	236	9.2	4.1	6.7	–	12.2	1	-4.5	21	–	–	157	85	17	13	20	16	1	0	6	0	1	0	4	–	–	0	1.71	–	–
Bude	15	11.7	5.7	8.7	+0.1	15.0	1	-2.5	21	9.1	–	79	77	14	3	20	15	0	0	7	0	2	0	2	–	–	4	1.59	71	–
Camborne (A)	87	10.8	6.5	8.7	–	13.5	1	0.5	21	9.9	11.3	79	–	13	12	19	13	0	0	4	1	0	0	0	3	1	1	2.05	–	–
Culdrose (A)	80	11.0	–	–	–	13.8	1	–	–	–	–	87	76	20	18	19	13	0	0	4	0	1	0	–	2	2	9	2.09	87	–
Falmouth	51	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gwennap Head	66	11.1	7.3	9.2	–	13.5	1	2.1	13	–	–	56	–	12	17	17	12	–	0	–	–	–	–	0	–	–	–	–	–	–
Lizard	73	11.2	6.6	8.9	(-0.4)	13.9	1	2.0	21	–	–	71	70	10	13	19	14	0	–	0	3	1	1	0	–	–	7	–	–	–
Lizard Lighthouse	60	11.3	7.3	9.3	–	13.8	1	2.4	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	–	–	–	–	–	–
Newquay	30	11.4	6.5	8.9	–	14.3	1	-1.8	21	–	–	58	–	8	3	18	14	0	0	1	2	0	0	1	–	–	0	1.61	–	–
Penzance	19	11.9	6.8	9.3	-0.1	14.3	1	-1.5	21	–	–	100	75	18	17	19	18	0	0	4	0	1	0	1	–	–	2	2.01	80	–
Scilly (St Mary's)	51	11.6	8.1	9.9	-0.2	13.9	1	2.7	13	–	–	55	–	9	12	17	13	0	0	0	3	1	2	0	3	1	5	2.36	94	–
St Ives	10	11.8	8.0	9.9	–	14.5	1	4.0	21	–	–	65	–	11	12,18	16	12	0	0	0	1	0	0	0	–	–	4	1.87	–	–
St Mawgan (A)	103	10.8	6.2	8.5	+0.1	13.8	1	-0.6	21	–	–	97	87	11	2	19	16	0	0	0	8	0	0	1	5	2	0	1.95	80	–
Tregastic	110	10.7	5.5	8.1	–	14.1	1	-0.3	21	–	–	109	–	14	12	17	16	0	0	0	2	0	0	1	8	6	4	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max.	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp. 30 cm deg C	Mean soil temp. 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall (09 to 09 GMT) Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
CHANNEL ISLANDS																														
Guernsey																														
Airport (A)	101	10.9	7.1	9.0	-0.3	14.6	1	4.1	21	9.6	11.4	84	78	12	13	19	15	0	0	3	5	5	0	0	6	0	1	1.64	72	-
L'Ancresse	5	12.0	6.7	9.3	—	17.7	9	2.4	16	—	—	77	—	11	12	19	15	0	0	0	0	0	—	0	—	—	0	1.42	—	-
Jersey																														
Airport (A)	84	10.7	6.9	8.8	-0.3	14.3	1	3.5	25	8.7	10.8	143	131	19	3	20	18	0	—	7	0	4	1	0	5	0	4	1.52	65	-
Gorey Castle	79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.80	—	-
St Helier	54	11.1	6.6	8.9	—	14.5	1	3.7	10,25	—	—	156	136	25	3	21	17	0	0	2	4	5	1	0	6	—	0	1.81	—	-
Trinity States Farm	107	11.3	(6.7)	9.0	—	14.4	2	3.3	25	10.0	—	148	—	22	3	22	15	0	0	3	0	1	5	0	7	—	1	—	—	-
NORTHERN IRELAND																														
Londonderry																														
Banagher (Caugh Hill)	216	8.1	3.1	5.6	—	11.0	1	-1.5	18	—	—	171	—	20	12	28	24	0	1	0	0	0	0	2	11	—	8	1.34	—	-
Carmoney	73	9.0	3.9	6.4	—	12.0	1,25	-2.8	18	—	—	128	—	17	10	29	22	0	0	0	0	0	0	3	8	6	0	1.54	—	S
Castledawson Hillhead	30	10.2	2.5	6.4	—	14.6	25	-4.4	17	—	—	125	—	22	12	24	19	0	0	0	0	0	—	6	9	—	0	—	—	-
Coleraine University (A)	23	9.8	3.5	6.7	—	12.8	25	-3.1	17	7.7	9.8	143	—	23	18	27	18	3	0	0	1	0	1	5	14	—	0	1.65	—	-
Lough Fea W Wks	225	7.5	2.8	5.1	—	10.6	1	-1.8	16	—	—	156	—	23	12	26	18	2	2	0	0	0	1	5	8	—	0	—	—	-
Moydamlaght	178	8.4	3.1	5.7	—	11.5	6, 7	-2.1	17	—	—	200	—	23	12	28	23	3	0	0	0	0	0	2	13	—	0	—	—	-
Moyola Waterworks	17	9.3	2.9	6.1	—	13.9	1	-4.2	17	—	—	109	—	19	12	25	19	0	0	1	0	0	1	7	16	—	0	—	—	-
Antrim																														
Altnahinch	213	7.9	2.1	5.0	—	12.0	7	-2.0	20	—	—	204	—	24	18	27	24	2	1	0	0	0	1	7	18	—	0	1.58	—	-
Belfast																														
Aldergrove Airport (A)	68	8.8	3.3	6.1	0.0	12.8	1	-4.1	17	7.3	10.3	109	137	26	18	26	19	4	0	0	1	0	1	4	12	9	0	1.89	100	-
Newforge	40	9.5	3.8	6.7	—	13.4	1	-3.0	17	—	—	126	—	25	18	28	18	0	0	0	0	0	—	3	16	—	0	1.61	—	-
Oldparkfilters	58	9.5	4.0	6.7	—	13.0	1	-1.5	17	—	—	136	121	23	18	27	22	0	0	0	0	0	0	1	12	—	0	—	—	-
Carnlough	12	9.9	4.2	7.1	—	12.8	25	-0.9	15	—	—	167	—	30	12	25	21	2	0	0	0	0	0	2	—	—	0	—	—	-
Dungonnell Filters	271	7.7	1.7	4.7	—	10.5	1	-3.0	17	—	—	199	—	26	18	27	21	2	0	0	0	0	4	9	17	—	0	—	—	-
Garron Tower	62	9.7	4.6	7.1	—	12.8	1	0.0	13	—	—	145	—	21	12	24	19	1	0	1	0	0	0	0	—	—	0	—	—	-
Greenmount	38	9.4	3.6	6.5	(+0.3)	13.2	1	-3.5	17	8.3	—	106	—	15	18	26	19	0	0	0	0	0	—	3	16	—	0	—	—	-
Jordanstown Rostulla	10	9.8	3.1	6.5	—	12.5	25	-3.1	17	—	—	115	—	24	18	28	24	0	0	0	0	0	2	3	16	—	0	—	—	-
Larne Harbour	43	10.0	5.2	7.6	—	13.2	1	0.4	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	—	-
Lowtown	213	8.1	2.3	5.2	—	11.0	1,25	-4.0	17	6.3	—	179	—	29	18	24	23	0	2	0	0	0	2	7	15	—	0	1.33	—	-
Movanagher Fish Farm	10	9.7	3.0	6.3	—	12.5	1, 7, 25	-3.0	16,18	—	—	146	—	18	17	26	20	0	0	0	0	0	1	6	9	—	0	—	—	-
Parkmore Forest	235	8.1	2.8	5.5	—	10.6	1,25	-2.1	14,17	7.0	—	256	138	35	6	27	23	0	2	0	0	0	0	10	20	—	0	—	—	-
Woodburn North	217	8.1	2.0	5.1	—	11.0	6,26, 28	-1.5	17	—	—	158	133	25	18	26	24	0	0	0	0	0	0	7	17	—	0	—	—	-
Down																														
Ballykine Rockvale	125	8.3	3.2	5.7	—	12.1	1	0.1	13	—	—	148	—	35	17	24	19	0	0	0	0	0	0	0	13	—	0	—	—	-
Ballywatticock	6	9.5	4.0	6.7	—	12.6	1	-2.7	17	6.8	9.1	106	135	21	17	23	17	1	0	0	0	0	0	2	11	9	0	2.07	—	-
Belfast																														
Ravenhill Road	10	9.4	3.9	6.7	—	13.4	1	-2.7	17	—	—	125	—	29	18	26	18	1	0	0	0	0	0	3	—	—	3	—	—	-
Stormont Castle	56	9.7	4.2	6.9	+0.2	12.8	1	-0.4	17	7.1	9.4	127	138	30	18	25	18	0	0	0	0	0	6	1	17	—	0	2.12	(106)	-
Bryansford	85	9.5	4.1	6.8	—	12.9	25	-1.1	17	7.3	10.1	165	—	44	12	26	17	0	0	0	0	0	0	1	12	7	0	1.78	—	S
Downpatrick, Killavees	58	9.5	3.6	6.5	—	13.0	1	-1.4	17	—	—	108	—	22	12	26	15	0	0	0	0	0	0	1	16	—	0	—	—	-
Helens Bay	43	9.4	4.3	6.9	(0.0)	13.2	1	-1.4	17	7.7	9.3	101	116	17	17	26	19	1	0	0	0	0	—	1	12	—	2	—	—	-
Hillsborough	116	8.7	2.2	5.5	-0.6	12.2	1	-3.2	16	7.5	9.3	94	110	19	18	26	16	0	0	0	0	0	0	7	11	—	0	2.15	109	-
Killough	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Long Kesh (A)	36	9.4	2.8	6.1	—	13.1	1	-5.6	17	7.3	9.3	92	—	18	18	25	15	2	0	0	1	0	2	8	15	12	0	2.15	—	-
Lough Cowey	10	10.0	3.4	6.7	—	12.9	1	-1.5	18	—	—	130	161	31	12	27	16	0	0	0	0	0	0	3	8	—	1	2.27	—	-
Magherally	97	8.9	2.5	5.7	—	12.6	1	-5.9	17	7.6	9.8	94	—	18	18	27	16	5	0	0	0	0	1	7	19	16	0	—	—	-
Murlough	12	9.9	3.8	6.9	—	13.4	7	-2.2	17	6.9	9.0	116	—	30	17	28	16	0	0	0	0	0	0	3	15	—	0	2.10	—	S
Newry, Carnbane	8	9.6	2.7	6.1	—	13.1	1	-5.9	17	—	—	91	—	17	12	24	16	0	0	0	0	0	1	5	—	—	0	1.99	—	-
Saintfield Rowallane	95	8.8	2.3	5.5	—	12.5	1	-4.0	17	—	—	123	—	34	17	26	16	0	0	0	0	0	—	8	18	—	0	—	—	-
Silent Valley	129	8.6	3.5	6.1	—	11.6	7	-1.4	10	—	—	135	102	29	17	24	18	0	0	0	0	0	0	2	14	—	0	1.91	—	-
Trassey Slievenaman	215	8.9	2.7	5.7	—	11.1	23	-3.6	17	—	—	176	—	33	12	27	18	3	1	0	0	0	0	5	14	—	5	—	—	-
Armagh																														
Annaghmore	27	9.6	2.8	6.2	—	13.5	1	-6.6	17	8.2	10.6	95	—	16	18	24	16	0	0	0	0	0	1	6	17	12	0	—	—	-
Armagh	62	9.4	3.4	6.4	+0.1	12.7	1,25	-3.8	17	7.5	9.6	84	109	13	18	25	15	2	0	0	0	0	1	4	17	—	1	2.13	112	S
Castor Bay	17	9.4	3.6	6.5	—	13.2	1	-3.7	17	—	—	101	—	23	18	28	19	0	0	0	0	0	0	4	7	—	0	—	—	-
Loughgall	25	9.6	2.8	6.2	0.0	13.2	1	-5.9	17	—	—	92	128	14	18	24	16	0	0	0	0	0	1	6	19	—	0	—	—	-
Tandragee, Ballylisk	43	—	3.4	—	—	—	—	-3.0	20	—	—	89	—	16	18	23	17	0	0	0	0	0	—	4	14	—	0	—	—	-
Tyrone																														
Baron's Court	132	8.6	3.6	6.1	—	11.6	7	-1.9	17	—	—	172	—	24	10	28	26	6	1	0	1	1	1	2	13	—	0	1.26	—	-
Carrigans (A)	113	8.7	3.0	5.9	(0.0)	12.6	1	-3.0	17	—	—	167	—	24	12	28	26	3	1	1	0	0	1	4	16	10	0	1.61	—	-
Cookstown	77	9.3	2.9	6.1	—	12.5	1, 2	-3.9	17	—	—	107	115	16	12	20	17	0	0	0	0	0	—	6	16	—	0	1.87	—	-
Edenfel	88	8.7	1.2	4.9	—	11.9	7	-4.8	17	—	—	139	138	22	10	28	25	3	1	0	1	0	2	14	17	—	0	—	—	-
Fivemiletown	119	9.2	2.7	5.9	—	12.0	1	-1.4	20	—	—	122	—	19	12	28	18	0	1	0	0	0	0	3	12	—	0	—	—	-
Lough Bradan W Wks	180	8.1	2.4	5.3	0.0	10.9	25	-2.5	19	—	—	239	159	30	1	27	24	0	0	0	0	0	0	9	—	—	0	—	—	-
Strabane Glen Road	60	9.0	3.5	6.3	—	12.0	1, 7, 26	-3.8	17	—	—	138	—	20	13	26	21	2	0	0	3	0	—	3	13	—	0	—	—	-
Fermanagh																														
Castle Archdale Forest (A)	66	9.3	2.5	5.9	(-0.2)	12.3	6	-2.6	20	8.3	9.7	132	—	19	10	28	17	1	0	0	0	0	0	9	17	—	0	1.77	(102)	-
Corgary	145	8.9	4.2	6.5	—	12.6	7	0.7	17	—	—	176	—	26	10	28	26	—	0	—	—	—	—	0	7	5	—	1.69	—	S
Knockarevan	53	9.4	3.6	6.5	—	12.8	7	-2.3	20	—	—	173	—	28	10	27	22	—	0	—	—	—	—	3	7	5	—	—	—	-
Lisnaskea	49	9.9	3.1	6.5	—	12.5	7	-3.3	20	—	—	96	—	17	12	21	17	0	0	0	0	0	—	6	14	—	0	—	—	-
Lough Navar Forest	126	8.6	2.2	5.4	(-0.3)	11.4	7	-3.0	20	—	—	199	126	35	6	29	22	2	0	2	0	1	1	9	17	—	0	—	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Beaufort force: 6-7	Beaufort force: 4-5	Beaufort force: 1-3	Beaufort force: Calm	Speed (kn): 34 or more	Speed (kn): 22-33	Speed (kn): 11-21	Speed (kn): 1-10	Speed (kn): 0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																		
0 SCOTLAND N																																										
Shetland																																										
Fair Isle	61	9	999.4	–	7.0	0.9	8.8	87	6.5	0	2	4	13	11	0	0	0	0	0	0	1	5	8	11	5	1	15	12	2	0	5	0	2	1	9	5	5	3				
		15	999.4	–	7.0	1.0	8.7	85	6.8	0	1	2	18	9	0	0	0	0	0	1	1	6	13	7	2	2	11	14	3	0	4	0	3	1	9	6	4	3				
		21	999.5	–	7.1	0.9	8.9	87	6.1	0	5	2	12	11	0	0	0	0	0	1	1	0	12	16	0	0	15	12	3	0	5	3	1	1	7	8	4	1				
Lerwick	83	3	997.7	–	5.9	1.0	8.1	85	6.1	0	3	4	14	9	0	0	0	0	0	0	1	3	12	13	1	2	11	12	5	0	3	1	2	1	10	5	5	3				
		9	998.6	-8.1	5.7	0.9	8.1	87	6.3	0	3	3	16	8	0	0	0	0	0	0	3	4	9	11	3	1	13	9	7	0	4	0	1	2	11	4	4	4				
		15	998.5	–	6.0	0.9	8.2	87	6.3	0	2	6	13	9	0	0	0	0	0	1	3	3	8	11	4	1	11	13	5	0	3	1	1	1	9	8	2	5				
		21	998.7	–	5.8	0.7	8.4	88	6.5	0	1	5	12	12	0	0	0	0	0	0	2	4	11	10	3	1	14	10	3	2	2	2	1	1	9	6	5	2				
Muckle Flugga	54	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
		9	997.8	–	6.6	1.3	8.0	80	6.6	0	0	7	12	11	0	0	0	1	1	0	0	1	3	23	1	8	13	7	2	0	5	0	1	3	13	5	3	0				
		15	997.9	–	6.7	1.2	8.2	82	6.8	0	0	5	13	12	0	0	0	0	1	0	0	3	4	20	2	10	11	4	4	1	3	2	2	0	11	4	5	2				
		21	998.2	–	6.5	1.1	8.2	83	6.7	0	0	9	6	15	0	0	0	0	0	0	2	1	8	19	0	11	4	11	4	0	4	2	1	1	12	5	3	2				
Sumburgh	13	3	997.9	–	6.8	1.4	8.1	79	5.7	0	4	7	12	7	0	0	0	0	0	0	1	10	19	0	1	13	12	4	0	5	3	0	3	7	7	3	2				
		9	999.0	–	6.8	1.3	8.1	80	6.2	0	1	5	18	6	0	0	0	0	0	0	5	8	10	7	2	14	9	5	0	6	0	0	4	8	3	6	3				
		15	998.8	–	6.8	1.2	8.2	82	6.6	0	1	4	18	7	0	0	0	0	0	0	4	9	13	4	3	14	8	5	0	4	0	3	0	10	4	6	3				
		21	998.9	–	6.9	1.3	8.3	81	6.4	0	1	6	14	9	0	0	0	0	0	0	1	4	7	17	1	1	14	12	3	0	5	2	1	1	8	7	4	2				
Orkney																																										
Kirkwall	26	3	999.0	–	6.1	1.0	8.1	85	5.1	1	5	9	7	8	0	0	0	0	0	0	0	1	6	19	4	0	8	17	5	0	1	1	2	0	11	6	7	2				
		9	999.8	-7.6	6.5	1.1	8.2	83	6.5	0	1	4	17	8	0	0	0	0	0	0	0	2	6	17	5	0	8	19	3	0	2	1	2	0	12	3	7	3				
		15	999.7	–	7.1	1.1	8.5	83	6.0	0	4	5	14	7	0	0	0	0	0	0	1	2	3	19	5	0	8	18	4	0	4	1	2	0	11	6	4	2				
		21	1000.0	–	6.2	0.9	8.3	86	5.6	0	6	5	12	7	0	0	0	0	0	0	0	4	4	19	3	0	9	15	6	0	3	3	1	2	9	5	5	2				
Western Isles																																										
Benbecula	7	3	1000.5	–	7.0	1.2	8.4	83	6.5	0	2	3	17	8	0	0	0	0	0	0	1	2	9	16	2	0	13	8	9	0	6	1	0	1	5	11	4	2				
		9	1000.7	-7.5	6.9	1.1	8.5	83	5.7	0	5	6	9	10	0	0	0	0	0	0	2	4	5	14	5	0	14	9	7	0	7	1	0	2	7	4	8	1				
		15	1000.1	–	7.8	1.4	8.6	81	6.7	0	2	3	15	10	0	0	0	0	0	0	1	2	10	13	4	0	12	11	7	0	4	2	0	1	7	3	8	5				
		21	1001.0	–	6.9	1.2	8.3	83	5.9	0	5	3	13	9	0	0	0	0	0	1	1	1	6	19	2	0	9	13	6	2	3	2	2	0	6	5	6	4				
Stornoway	5	3	999.7	–	6.4	1.2	8.1	82	5.7	0	3	9	8	10	0	0	0	0	0	0	2	8	19	1	0	5	18	6	1	4	1	2	1	6	8	4	3				
		9	1000.0	-7.9	6.5	1.0	8.3	85	6.1	0	3	6	12	9	0	0	0	0	0	0	6	10	12	2	0	7	15	8	0	4	2	0	2	8	6	6	2				
		15	999.6	–	7.1	1.1	8.6	84	6.4	0	1	7	11	11	0	0	0	0	0	0	5	11	11	3	0	5	15	10	0	3	2	1	0	7	9	4	4				
		21	1000.3	–	6.2	1.1	8.1	84	5.7	0	5	5	13	7	0	0	0	0	0	0	3	7	19	1	1	5	11	11	2	2	0	3	0	7	8	6	2				
Highland																																										
Aviemore	228	3	1002.2	–	3.9	1.0	6.9	84	5.6	0	2	11	14	3	0	0	0	0	0	0	1	0	0	3	11	15	0	1	10	18	1	2	0	0	1	13	6	3	4			
		9	1002.6	–	4.1	1.1	7.0	84	6.2	0	2	6	15	6	1	0	0	0	0	1	0	0	1	0	12	16	0	1	13	14	2	4	0	0	1	19	1	2	1			
		15	1001.8	–	5.8	1.3	7.5	81	6.1	0	0	9	15	6	0	0	0	0	0	1	0	0	1	3	11	14	0	1	13	13	3	3	0	0	0	17	4	2	1			
		21	1002.6	–	4.3	1.0	7.1	85	5.9	0	3	5	15	7	0	0	0	0	0	1	0	0	3	2	12	12	0	1	11	18	0	4	0	1	0	17	5	2	1			
Cape Wrath	113	3	998.4	–	6.7	1.3	8.1	81	6.2	0	2	9	4	15	0	0	0	0	0	0	0	0	0	5	20	5	6	12	11	1	0	3	2	2	2	4	9	7	1			
		9	999.1	–	6.6	1.2	8.1	82	6.9	0	1	5	11	13	0	0	0	0	0	0	1	1	7	15	6	7	6	14	3	0	4	3	1	3	3	8	6	2			
		15	998.7	–	7.4	1.5	8.1	78	6.6	0	0	6	10	13	1	0	0	0	1	0	0	0	2	4	17	6	7	9	11	3	0	3	3	2	2	5	9	3	3			
		21	999.4	–	6.9	1.5	7.8	78	5.6	0	3	9	8	10	0	0	0	0	0	0	0	0	1	23	6	5	7	10	8	0	3	2	2	0	5	9	7	2			
Dalcross	12	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
		15	1000.5	–	7.6	1.8	7.9	75	5.8	0	2	9	16	3	0	0	0	0	0	0	0	2	5	18	5	0	3	14	13	0	3	2	1	0	6	11	7	0			
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Invergordon	12	3	1001.1	–	6.1	1.5	7.4	79	5.6	2	4	5	7	12	0	0	0	0	0	0	0	0	1	23	6	0	1	10	17	2	1	2	0	0	2	12	8	3			
Harbour		9	1001.6	–	6.2	1.5	7.6	78	6.1	0	2	7	13	8	0	0	0	0	0	0	0	1	6	17	6	0	2	13	12	3	2	0	2	2	4	6	7	4			
		15	1001.0	–	7.7	1.8	7.9	74	6.1	0	2	9	12	7	0	0	0	0	0	0	0	2	4	22	2	0	2	15	10	3	3	0	2	0	3	10	7	2			
		21	1001.8	–	6.3	1.6	7.5	77	5.5	0	4	8	9	8	1	0	0	0	1	0	0	0	4	20	5	0	0	13	14	3	1	1	0	1	3	11	8	2			
Waterstein	81	9	1001.1	–	6.8	1.0	8.6	85	6.2	0	2	8	7	13	0	1	0	0	0	1	3	4	6	11	4	0	6	12	11	1	5	2	0	1	5	5	11	0			
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Wick	37	3	999.8	–	5.6	1.1	7.7	84	5.9	1	1	6	15	7	0	0	0	0	0	0	0	0	0	6	19	5	0	4	16	10	0	1	1	2	2	9	5	8	2			
		9	1000.7	-7.1	6.0	1.1	7.9	83	6.1	0	3	6	15	6	0	0	0	0	0	0	1	0	7	18	4	0	2	22	6	0	3	1	2	0	11	6	4	3			
		15	1000.2	–	7.0	1.5	8.0	79	6.0	0	2	6	18	4	0	0	0	0	0	0	2	6	16	6	0	5	19	6	0	3	2	2	3	8	5	7	0			
		21	1000.8	–	6.0	1.2	7.8	83	5.7	0	4	6	16	4	0	0	0	0	0	0	0	2	2	21	5	0	3	15	12	0	1	2	0	0	11	7	5	4			
1 SCOTLAND E																																										
Grampian																																									
Dyce	69	3	1001.7	–	4.8	0.8	7.6	87	4.9	3	4	7	11	5	0	0	0	1	0	0	0	3	5	11	10	0	2	14	12	2	3	0	0	3	9	4	8	1			
		9	1002.5	-6.6	5.2	0.9	7.7	86	5.7	0	4	5	15	6	0	0	0	1	1	0	0	6	2	14	6	0	2	16	11	1	2	0	1	1	11	6	6	2			
		15	1001.7	–	7.1	1.2	8.5	83	5.8	0	5	5	14	6	0	0	0	0	0	0	0	5	6	13	6	0	5	12	13	0	0	0	1	0	14	4	6	5			
		21	1002.2	–	5.8	0.9	8.1	86	6.0	2	1	4	20	3	0	0	0	0	0	0	2	2	6	14	6	0	1	15	13	1	1	0	1	0	14	2	6	5			
Glenlivet	212	9	1002.6	–	4.6	1.3	6.8	79	6.3	0	1	6	16	7	0	0	0	0	0	0	0	0	0	8	22	0	0	4	26	0	1	1	5	7	3	0	9	4			
		15	1001.8	–	6.3	1.7	7.3	76	6.6	0	1	5	17	7	0	0	0	0	0	0	0	1	1	11	18	0	0	7	23	0	2	0	4	8	1	1	10	4			
		21	1002.5	–	4.8	1.3	7.0	80	5.6	0	5	7	8	10	0	0	0	0	0	0	0	0	1	20	9	0	1	7	22	0	1	1	4	6	2	0	11	5			
Kinloss	6	3	1001.2	–	5.7	1.5	7.1	78	5.1	3	5	4	12	6	0	0	0	0	0	0	0	1	4	9	16	0	3	12	14	1	0	1	2	1	8	9	6	2			
		9	1001.8	-7.0	6.1	1.6	7.3	77	6.0	0	3	6	15	6	0	0	0	0	0	0	0	2	3	11	14	0	1	16	12	1	2	0	4	2	4	12	3	2			
		15	1001.0	–	7.9	2.2	7.6	71	5.5	0	6	4	17	3	0	0	0	0	0	0	0	0	3	13	14	0	3	19	8	0	3	1	1	2	6	11	5	1			
		21	1001.8	–	6.0	1.6	7.3	77	5.4	1	6	3	17	3	0	0	0	0	0	0	0	2	3	9	16	0	1	14	13	2	1	1	1	0	9	9	5	2			
Peterhead	15	3	1001.5	–	6.5	1.1	8.2	83	4.9	1	3	13	6	7	0	0	0	0	0	0	0	5	25	0	0	0	5	14	10	1	1	0	2	1	5	6	12	2			
Harbour		9	1002.5	–	6.7	1.3	8.0	80	5.9	0	1	14	5	10	0	0	0	0	0	0	0	8	17	5	0	0	6	18	5	1	1	1	1	0	4	10	8	4			
		15	1001.7	–	8.1	1.5	8.6	78	6.2	0	0	9	13	8	0	0	0	0	0	0	0	7	17	6	0	0	9	13	8	0	2	0	1	0	8	7	8	4			
		21	1002.1	–	7.3	1.4	8.4	80	5.9	0	1	10	7	12	0	0	0	0	0	0	0	6	24	0	0	0	6	15	8	1	2	0	2	0	7	9	7	2			
Fife																																										
Leuchars	12	3	1003.2	–	5.0	1.1	7.4	84	4.7	0	11	3	11	5	0	0	0	0	0	0	0	0	2	3	13	12	0	2	10	17	1	0	1	0	3	2	11	9	3			
		9	1003.9	-5.8	5.5	1.1	7.6	83	6.2	0	3	4	14	8	1	0	1	0	0	0	0	4	1	13	11	0	0	17	13	0	1	0	2	2	2	13	9	1			
		15	1002.8	–	7.6	1.6	8.2	78	6.1	0	4	4	14	8	0	0	0	0	1	0	0	2	4	9	14	0	3	17	8	2	2	0	1	2	2	8	12	1			
		21	1003.4	–	5.6	1.1	7.7	84	5.3	0	6	5	13	6	0	0	0	0	0	0	1	2	2	15	10	1	1	11	16	1	0	1	1	1	4	10	11	1			

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
1 SCOTLAND E - Continued																																											
Lothian																																											
Turnhouse	44	3	1003.8	–	4.9	1.0	7.6	85	5.1	1	6	5	16	2	0	0	0	0	1	0	1	1	6	18	3	0	0	14	12	4	0	2	2	0	3	9	9	1
		9	1004.5	-5.8	5.2	1.0	7.7	85	6.1	0	4	2	22	1	1	0	0	1	1	0	0	0	11	13	4	0	0	14	11	5	1	0	1	1	2	14	6	0
		15	1003.2	–	7.5	1.4	8.4	80	5.9	0	5	3	19	3	0	0	0	0	1	0	0	2	14	8	5	0	3	16	8	3	0	1	1	0	5	8	10	2
		21	1004.1	–	5.8	1.1	7.9	84	5.3	1	6	3	19	1	0	0	0	0	0	0	2	2	8	16	2	0	1	12	13	4	1	0	2	0	2	13	7	1
6 SCOTLAND W																																										
Strathclyde																																										
Abbotsinch	9	3	1003.8	–	4.9	0.8	7.8	87	5.9	0	3	7	12	8	0	0	0	0	0	0	2	4	9	12	3	0	2	9	17	2	1	5	2	1	3	9	7	0
		9	1004.3	-6.1	5.6	1.1	7.9	84	6.2	0	3	6	12	9	0	0	0	0	1	0	1	4	12	6	6	0	1	13	13	3	0	2	2	0	10	11	1	1
		15	1003.1	–	7.7	1.4	8.6	80	6.0	0	4	7	9	10	0	0	0	0	0	0	0	7	10	9	4	0	2	13	13	2	1	1	3	0	8	6	7	2
		21	1003.9	–	5.9	1.0	8.0	85	5.9	0	3	7	12	8	0	0	0	0	1	0	4	11	11	3	0	1	11	15	3	1	2	2	2	5	7	7	1
Orsay	24	3	1003.0	–	8.0	0.8	9.6	88	5.9	0	5	5	6	14	0	0	0	0	0	0	0	2	1	14	13	2	10	14	3	1	1	2	3	0	11	2	6	4
		9	1003.3	–	8.0	0.7	9.9	90	6.2	0	2	8	9	11	0	0	0	0	0	1	0	1	7	9	12	0	15	10	5	0	4	1	2	0	13	3	6	1
		15	1002.3	–	8.8	1.1	9.8	85	6.4	0	1	7	8	14	0	0	0	0	0	0	1	1	3	17	8	2	8	12	6	2	4	0	0	0	10	6	6	2
		21	1003.4	–	8.2	0.8	9.8	88	6.1	0	3	7	5	15	0	0	0	0	0	0	0	2	4	11	13	2	12	13	3	0	3	1	2	1	8	7	4	4
Prestwick	21	3	1004.4	–	5.9	1.0	8.0	85	5.9	0	5	4	8	13	0	0	0	0	0	0	0	3	8	15	4	0	1	14	15	0	1	2	3	5	7	6	5	1
		9	1005.1	-5.5	6.3	1.1	8.2	84	6.2	0	3	4	15	8	0	0	0	0	0	0	0	2	9	15	4	0	1	15	14	0	2	2	4	2	10	5	3	2
		15	1003.9	–	8.2	1.5	8.8	79	6.2	0	4	3	14	9	0	0	0	0	0	0	0	2	9	15	4	0	3	16	11	0	0	2	1	3	9	8	1	6
		21	1004.5	–	6.4	1.0	8.4	85	6.7	0	2	3	13	12	0	0	0	0	0	0	1	3	12	14	0	0	4	11	15	0	1	1	1	6	10	4	2	5
Tiree	10	3	1002.1	–	7.1	1.2	8.4	82	5.5	0	7	5	10	8	0	0	0	0	0	0	0	3	9	13	5	0	8	18	4	0	4	3	0	3	5	7	8	0
		9	1002.3	-6.8	7.5	1.2	8.7	82	6.1	0	5	4	8	13	0	0	0	0	0	0	0	5	11	9	5	1	12	13	4	0	5	2	0	3	8	3	9	0
		15	1001.5	–	8.0	1.3	8.9	81	6.3	0	2	5	12	11	0	0	0	0	0	0	0	4	12	9	5	0	11	14	4	1	3	2	0	2	7	4	9	2
		21	1002.4	–	7.3	1.3	8.5	81	5.2	0	8	5	8	9	0	0	0	0	0	0	0	1	11	15	3	0	8	16	6	0	5	2	1	2	7	4	8	1
Dumfries & Galloway																																										
Corsewall Point	15	9	–	–	8.1	0.7	9.8	90	6.0	0	4	6	7	13	0	0	0	0	0	0	0	0	4	18	8	0	8	18	4	0	1	2	2	3	9	5	5	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drungans	16	3	–	–	5.5	0.9	8.0	87	5.7	4	2	7	3	13	1	0	0	0	0	1	0	0	3	20	6	0	0	0	3	24	3	5	3	1	0	6	4	7	1
		9	–	–	5.9	0.9	8.2	86	6.0	0	5	5	8	12	0	0	0	0	0	1	1	1	3	9	15	0	0	0	1	28	1	0	1	1	1	4	9	8	5
		15	–	–	8.4	1.6	8.8	79	5.8	0	6	5	6	13	0	0	0	0	0	0	0	3	13	14	0	0	0	0	8	20	2	2	1	0	1	7	6	9	2
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Eskdalemuir	237	3	1005.1	–	3.6	0.5	7.4	91	5.7	0	7	5	2	16	0	0	0	0	0	1	2	3	6	6	6	6	0	0	10	18	2	3	2	0	1	8	6	5	3
		9	1005.9	-5.4	3.9	0.5	7.6	92	6.5	0	4	1	12	13	0	0	0	0	0	2	0	3	6	9	7	3	0	0	13	17	0	1	1	1	1	8	10	4	4
		15	1004.9	–	5.8	0.8	8.3	88	6.2	0	5	2	6	17	0	0	0	0	0	0	0	0	9	8	6	7	0	1	12	16	1	3	2	0	1	9	7	7	0
		21	1005.3	–	4.4	0.5	7.9	91	6.4	0	2	5	9	14	0	0	0	0	0	1	0	2	5	13	3	6	0	0	13	15	2	4	1	0	3	9	7	2	2
2 ENGLAND E & NE																																										
Northumberland																																										
Boulmer	27	3	1004.7	–	5.5	1.1	7.7	84	4.3	0	11	7	6	6	0	0	0	0	0	0	2	2	2	13	11	0	0	13	17	0	0	2	0	1	8	7	8	4
		9	1005.6	-4.9	5.6	1.0	7.8	85	5.5	0	6	7	9	8	0	0	0	1	0	0	2	2	11	9	5	0	1	11	18	0	0	1	0	0	10	12	4	3
		15	1004.6	–	7.9	1.4	8.6	80	5.7	0	4	5	15	5	1	0	1	0	0	0	2	4	1	13	9	0	0	1	19	9	1	0	1	1	1	9	9	3	5
		21	1004.8	–	6.2	1.0	8.2	85	5.4	0	6	5	13	6	0	0	0	0	0	0	4	1	5	12	8	0	2	12	16	0	1	1	0	0	10	7	10	1
Tyne & Wear																																										
Newcastle	47	3	1005.5	–	6.0	1.2	7.8	82	5.0	0	8	6	11	5	0	0	0	0	0	0	0	1	3	5	13	8	0	0	5	23	2	2	1	1	1	5	7	8	3
Weather Centre (X)	9	1006.5	–	5.7	1.1	7.7	83	5.8	0	6	3	14	6	1	0	0	0	1	0	1	1	4	5	8	10	0	0	1	28	1	0	1	0	2	7	9	8	2
		15	1005.5	–	8.2	2.0	8.0	73	5.7	0	6	4	13	7	0	0	0	0	0	0	3	3	3	10	11	0	0	6	23	1	1	1	1	0	6	7	9	4
		21	1005.6	–	6.7	1.4	8.0	80	5.6	1	6	2	16	5	0	0	0	0	0	1	1	6	3	13	6	0	0	5	22	3	1	0	1	0	7	7	10	1
Tynemouth	40	3	1005.1	–	6.4	–	–	–	4.6	0	12	3	7	8	0	0	0	0	0	0	1	2	5	21	1	2	3	15	8	2	2	1	0	0	12	3	9	1
		9	1006.1	-5.1	6.0	1.1	7.9	83	5.2	0	6	8	8	8	0	0	0	0	0	1	0	7	12	10	0	1	2	10	15	2	1	1	0	0	11	6	7	2
		15	1005.2	–	8.2	1.8	8.3	75	5.8	0	6	5	9	10	0	0	0	0	0	0	3	5	6	16	0	1	2	15	11	1	0	1	1	0	11	6	5	5
		21	1005.2	–	7.0	1.4	8.2	80	4.9	5	3	5	8	9	0	0	0	0	0	0	3	1	7	19	0	1	8	10	10	1	1	0	1	0	11	6	8	2
North Yorkshire																																										
Fylingdales	262	3	1006.5	–	4.0	0.4	7.7	93	5.3	7	1	4	2	12	4	0	2	0	3	0	0	6	6	13	0	0	8	11	9	2	1	2	0	0	7	11	4	3
		9	1007.7	–	4.0	0.4	7.7	93	6.6	1	1	5	9	9	5	1	1	3	3	0	3	3	3	13	0	0	2	17	10	1	1	2	0	2	6	13	3	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1006.9	–	4.6	0.5	7.9	91	6.0	5	0	4	3	13	5	0	0	1	5	0	2	1	4	17	0	0	3	18	7	2	1	1	1	1	7	9	6	2
Leeming	37	3	1006.3	–	5.7	1.0	8.0	86	5.7	1	2	8	13	6	0	0	0	0	0	2	4	3	5	9	7	0	1	12	15	2	0	1	0	4	9	3	7	4
		9	1007.4	-4.6	5.4	0.9	7.9	87	5.9	0	5	4	10	9	2	0	1	0	1	2	2	4	8	6	6	0	0	14	15	1	1	1	0	1	16	1	6	3
		15	1006.4	–	7.6	1.5	8.3	79	6.0	0	5	3	13	7	2	0	0	1	1	1	4	2	5	11	5	0	3	10	17	0	2	1	1	3	7	7	6	3
		21	1006.5	–	5.9	1.0	8.1	86	5.9	1	3	4	14	8	0	0	0	0	1	1	4	2	6	13	3	0	2	11	14	3	0	1	1	2	11	4	5	3
Humberside																																										
Bridlington M R S C	19	3	1006.3	–	5.6	0.9	8.1	87	5.2	5	4	3	4	14	0	0	0	0	0	0	0	1	10	2	17	0	0	2	13	9	6	2	1	0	1	7	6	6	1
		9	1007.6	–	5.8	0.9	8.0	86	5.9	0	3	7	12	7	1	1	0	0	0	1	0	8	6	14	0	0	4	9	15	2	3	2	0	0	9	8	4	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Easington	20	3	–	–	6.1	0.7	8.6	89	4.4	8	3	5	1	13	0	0	0	0	0	0	0	3	4	12	11	0	0	3	17	8	2	1	1	0	0	8	7	10	1
		9	–	–	6.0	0.9	8.3	87	5.3	2	4	7	7	9	1	1	2	0	0	1	3	2	10	11	0	0	3	14	13	0	1	2	0	0	9	4	10	4
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lincolnshire																																										
Coningsby	8	3	1007.7	–	5.3	0.7	8.2	89	5.2	6	2	4	7	11	0	0	0	0	1	0	0	5	10	4	8	2	0	0	14	16	0	2	1	0	0	10	7	6	4
		9	1009.3	–	5.6	0.8	8.1	87	6.1	0	5	2	12	9	2	1	0	2	0	2	1	10	4	9	1	0	2	10	18	0	0	1	0	1	13	6	5	4
		15	1008.4	–	8.0	1.4	8.7	80	6.0	0	4	6	9	10	1	0	1	0	0	0	3	6	4	11	5	0	2	12	16	0	2	1	0	1	11	8	5	2
		21	1008.6	–	5.7	0.8	8.2	88	4.7	2	10	4	4	10	0	0	0	0	1	0	4	9	4	8	4	0	0	11	17	2	2	0	1	2	10	6	5	2
Waddington	70	3	1008.0	–	5.6	0.7	8.3	89	5.2	5	2	5	8	10	0	0	1	0	1	0	5	8	3	7	5	0	1	15	13	1	0	1	0	1	7	13	4	3
		9	1009.5	-3.5	5.6	0.8	8.1	88	5.8	1	4	4	12	7	2	0	2	1	0	0	4	9	3	7	4	0	1	14	15	0	0	2	0	1	9	11	4	3
		15	1008.5	–	7.8	1.4	8.7	81	6.2	0	1	9	10	9	1	0	1	0	0	0	0	8	8	8	5	0	4	14	12	0	2	1	1	2	8	11	3	2
		21	1008.7	–	5.9	0.8	8.3	88	4.8	3	9	2	6	10	0	0	0	0	2	1	5	5	6	8	3	0	2	12	13	3	1	0	1	5	6	9	3	2

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount (Oktas): Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force 8 or more	6-7	4-5	1-3	Calm	Speed (kn) 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 EAST ANGLIA																																											
Norfolk																																										
Coltishall	19	3	1008.6	–	5.8	0.7	8.4	89	4.9	4	5	6	0	14	1	0	0	2	1	2	3	5	6	9	2	0	3	7	19	1	1	2	1	1	8	9	5	2
		9	1010.0	–	6.4	0.8	8.6	88	6.1	0	6	1	12	9	2	0	1	1	0	0	4	11	6	3	4	0	0	13	17	0	0	2	0	0	7	12	8	1
		15	1009.4	–	7.9	1.4	8.7	81	5.7	0	5	5	15	3	2	0	1	1	0	0	0	6	8	9	5	0	1	15	14	0	1	3	0	0	10	10	4	2
		21	1009.4	–	6.4	0.9	8.4	87	5.8	2	2	6	7	13	0	0	0	0	0	2	4	8	4	10	2	0	2	8	19	1	1	3	1	2	8	8	5	1
Hemsby	14	3	1008.6	–	6.3	0.7	8.7	89	5.0	2	8	3	4	13	0	0	0	0	0	3	3	6	6	11	1	0	4	10	15	1	3	1	0	1	8	11	5	0
		9	1010.0	–	6.3	0.8	8.6	88	6.4	0	4	2	11	11	2	0	2	0	1	3	4	6	6	6	2	0	1	14	15	0	0	2	0	0	5	10	12	1
		15	1009.4	–	8.1	1.4	8.8	81	6.0	0	4	5	11	8	2	0	1	0	1	0	4	5	8	7	4	0	1	13	16	0	2	2	0	1	9	11	3	2
		21	1009.5	–	6.9	0.9	8.8	87	5.8	1	5	5	4	15	0	0	0	0	1	1	4	5	8	10	1	0	2	11	17	0	0	2	1	0	13	7	6	1
Marham	24	3	1008.9	–	5.4	0.5	8.5	92	5.3	4	4	4	3	14	1	1	0	0	1	0	1	11	4	9	3	0	1	9	19	1	1	2	0	2	11	7	5	1
		9	1010.2	-3.2	6.1	0.6	8.7	91	6.5	0	4	1	14	9	2	0	1	1	1	0	3	8	5	5	6	0	2	11	16	1	1	1	0	0	11	9	4	3
		15	1009.5	–	8.1	1.3	9.0	82	5.9	0	4	5	14	6	1	0	0	1	0	1	2	5	6	10	5	0	1	14	15	0	2	2	1	2	10	8	4	1
		21	1009.8	–	5.7	0.7	8.4	90	5.2	3	3	7	5	12	0	0	0	0	0	1	3	7	2	10	7	0	1	10	19	0	1	2	2	2	9	7	5	2
Norwich	15	3	1008.9	–	6.3	0.8	8.6	88	4.8	8	3	3	4	12	0	0	0	0	1	2	0	1	10	6	10	0	0	0	6	24	0	1	1	1	1	7	9	7	3
Weather Centre (X)		9	1010.3	–	6.5	0.8	8.8	89	6.4	0	4	3	9	13	1	0	1	1	0	1	3	8	6	8	2	0	0	4	24	2	2	1	1	0	7	6	6	5
		15	1009.6	–	8.3	1.5	8.7	79	6.2	0	3	6	13	6	2	0	1	1	0	0	0	7	5	11	5	0	0	0	5	25	0	1	3	1	0	11	5	6	3
		21	1009.7	–	7.0	1.1	8.6	85	5.5	4	5	1	5	15	0	0	0	0	0	2	2	8	8	10	0	0	0	0	4	26	0	0	2	1	1	5	8	8	5
Cambridgeshire																																										
Wyton	43	3	1009.0	–	6.0	0.7	8.6	90	5.8	3	4	2	6	15	0	0	0	1	0	0	4	8	7	7	3	0	1	12	16	1	2	2	0	0	6	11	7	1
		9	1010.4	-3.2	6.2	0.7	8.6	89	6.3	0	3	3	16	8	0	0	1	0	0	0	4	8	5	10	2	0	1	11	18	0	1	2	0	0	8	12	6	1
		15	1009.6	–	8.4	1.5	8.8	79	6.2	0	2	5	14	9	0	0	0	0	0	1	1	6	5	13	4	0	1	13	16	0	1	3	1	0	9	9	6	1
		21	1009.9	–	6.2	0.9	8.4	88	4.9	3	5	7	5	10	0	0	0	0	1	0	1	1	10	3	9	5	0	0	10	19	1	1	1	1	3	7	8	7	1
Suffolk																																										
Honington	51	3	1009.1	–	5.6	0.7	8.4	90	5.4	3	7	1	4	15	0	0	0	0	1	1	0	7	6	5	8	2	0	0	10	20	0	1	2	0	4	6	10	7	0
		9	1010.3	-3.2	6.2	0.7	8.6	89	6.1	0	5	3	12	8	2	0	0	0	3	0	0	3	7	6	9	2	0	0	8	22	0	1	1	1	2	9	8	7	1
		15	1009.7	–	7.8	1.4	8.6	81	5.9	0	4	6	11	9	0	0	0	0	0	1	1	1	10	1	12	4	0	1	12	17	0	2	2	0	3	11	6	4	2
		21	1009.9	–	6.0	0.9	8.2	87	5.4	3	4	5	7	11	0	0	0	0	0	0	3	4	5	6	10	2	0	0	9	20	1	1	1	1	5	6	9	5	1
Wattisham	91	3	1009.5	–	5.5	0.6	8.4	91	5.5	6	2	1	6	14	1	1	0	0	0	1	3	2	6	6	8	3	0	3	8	18	1	2	0	2	0	12	7	5	1
		9	1010.7	–	5.8	0.6	8.6	90	6.8	0	4	1	7	17	1	0	2	0	1	1	4	6	7	5	4	0	0	9	21	0	1	2	0	1	8	6	8	4
		15	1010.0	–	7.4	1.2	8.6	83	6.3	0	4	3	13	10	0	0	0	1	1	0	3	4	9	8	4	0	1	13	16	0	0	3	0	1	12	4	8	2
		21	1010.3	–	5.6	0.7	8.3	90	5.7	0	7	3	7	13	0	0	0	0	1	1	4	7	8	8	1	0	3	9	18	0	2	2	0	4	9	4	7	2
Essex																																										
Stansted	102	3	1009.6	–	5.6	0.7	8.3	89	5.6	4	2	4	9	11	0	0	1	0	2	2	4	9	3	7	2	0	2	9	19	0	3	1	1	2	7	9	6	1
		9	1010.9	-3.1	6.0	0.8	8.4	88	6.5	0	4	2	13	10	1	0	0	2	1	1	4	4	7	10	1	0	0	11	19	0	2	1	1	1	7	8	7	3
		15	1010.1	–	8.0	1.7	8.3	77	6.6	0	2	3	16	8	1	0	0	1	0	1	1	5	7	12	3	0	2	11	17	0	3	0	0	1	9	7	6	4
		21	1010.5	–	6.2	1.0	8.2	85	5.8	1	4	6	8	11	0	0	0	0	2	1	4	6	7	6	4	0	1	9	20	0	3	1	0	6	3	8	7	2
4 MIDLAND COUNTIES																																										
West Yorkshire																																										
Leeds	60	3	1007.0	–	6.0	0.9	8.3	87	5.2	0	7	5	13	4	1	0	0	1	0	0	3	4	9	6	7	1	1	4	24	0	1	1	5	2	1	2	13	5
Weather Centre (X)		9	1008.2	–	6.3	1.1	8.2	84	5.8	0	6	4	13	7	0	0	0	0	1	1	2	5	10	6	5	0	0	10	20	0	1	0	1	5	2	5	10	6
		15	1007.2	–	8.2	1.7	8.5	77	6.3	0	3	5	14	7	1	0	1	0	0	0	1	6	7	11	4	1	0	13	16	0	2	0	4	4	1	4	11	4
		21	1007.5	–	6.5	1.1	8.3	84	4.9	1	7	7	9	6	0	0	0	0	0	0	4	9	5	8	4	1	0	9	19	1	0	1	1	6	1	4	11	5
Wilsden	267	3	1007.3	–	4.6	0.8	7.6	88	5.3	0	5	10	7	7	1	0	1	0	0	0	2	6	14	6	1	0	2	11	13	4	0	1	0	2	4	8	8	3
		9	1008.2	–	4.8	0.8	7.7	88	5.7	0	5	6	7	11	1	0	1	0	2	1	2	9	5	8	2	0	0	14	11	5	0	2	0	1	5	7	9	1
		15	1007.3	–	6.1	1.2	7.8	82	5.9	0	4	7	8	9	2	0	0	0	2	0	1	8	10	8	1	0	1	12	14	3	1	1	0	1	6	5	10	3
		21	1007.6	–	4.6	0.7	7.7	88	5.1	1	7	7	3	10	2	1	0	0	1	1	1	10	10	6	0	0	3	6	18	3	2	2	0	3	2	9	9	0
South Yorkshire																																										
Finningley	15	3	1007.4	–	5.6	0.9	8.0	86	4.8	0	11	2	8	8	1	1	0	0	0	0	6	6	3	9	5	0	0	13	17	0	2	1	0	1	10	7	7	2
		9	1008.7	-3.9	6.1	1.0	8.2	85	6.1	0	3	3	19	4	1	1	0	1	0	1	1	9	4	7	6	0	0	13	16	1	1	1	0	1	13	6	5	2
		15	1007.7	–	8.1	1.6	8.6	79	6.1	0	3	4	14	9	0	0	0	1	0	0	1	7	6	8	7	0	0	15	15	0	2	2	1	1	11	5	6	2
		21	1008.0	–	5.9	0.9	8.3	87	4.7	2	9	3	8	8	0	0	0	0	0	2	0	3	8	7	3	7	0	1	9	17	3	1	1	0	4	7	4	7	3
Nottinghamshire																																										
Nottingham	119	3	1008.4	–	5.7	0.7	8.3	89	5.6	1	6	4	7	12	0	0	0	1	0	0	1	7	8	10	3	0	0	10	20	0	1	3	0	0	8	10	6	2
Weather Centre (X)		9	1009.7	-3.4	5.7	0.8	8.2	88	5.8	0	6	2	12	9	1	0	1	1	1	0	2	10	6	4	5	0	0	9	21	0	3	2	0	1	6	13	5	0
		15	1008.7	–	7.7	1.4	8.6	81	6.2	0	3	3	16	8	0	0	0	0	0	0	4	6	6	9	5	0	0	14	16	0	2	1	2	0	6	10	8	1
		21	1009.1	–	5.7	0.7	8.3	89	4.9	2	7	4	7	10	0	0	0	0	1	0	3	9	6	6	5	0	0	9	20	1	3	2	1	3	3	9	7	1
Staffordshire																																										
Cellarhead	228	3	1008.3	–	5.0	0.6	8.1	90	6.3	1	2	3	11	12	1	0	0	0	1	0	5	10	14	0	0	0	0	6	22	2	1	1	0	4	9	3	7	3
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	1008.3	–	6.9	1.1	8.3	83	6.8	0	1	3	10	14	2	0	0	0	2	3	2	6	17	0	0	0	1	10	16	3	1	1	1	2	7	4	9	2
		21	1008.7	–	5.2	0.6	8.1	90	5.3	5	2	6	2	14	1	0	0	0	1	0	4	10	15	0	0	0	0	9	18	3	0	2	2	4	6	4	8	1
Shropshire																																										
Shawbury	76	3	1008.4	–	5.9	1.0	8.1	86	5.1	3	3	8	10	6	0	0	0	0	1	0	1	1	4	6	16	1	0	0	10	16	4	1	0	1	4	6	5	6	3
		9	1009.5	-3.8	6.1	1.1	8.0	84	6.0	0	4	4	14	8	0	0	0	0	0	0	3	1	3	5	13	5	0	0	9	17	4	1	0	0	3	8	5	6	3
		15	1008.3	–	8.3	1.8	8.4	76	5.9	0	5	4	13	8	0	0	0	0	0	0	1	1	5	8	10	6	0	1	14	15	0	1	0	1	3	10	5	7	3
		21	1008.8	–	6.3	1.1	8.2	85	5.5	2	5	5	5	13	0	0	0	0	0	0	1	2	6	5	15	1	0	3	9	17	1	1	0	0	5	7	7	8	1
West Midlands																																										
Elmdon	99	3	1008.6	–	5.9	0.8	8.3	87	5.1	1	7	5	9	8	0	0	0	0	0	0	2	2	9	6	8	3	0	0	8	20	2	2	2	0	1	8	9	5	1
		9	1009.9	-3.7	6.2	1.0	8.3	86	5.9	1	6	0	17	6	0	0	0	0	0	0	1	2	8	8	10	1	0	1	5	23	1	1	1	0	2	9	10	3	3
		15	1008.8	–	8.2	1.6	8.5	78	6.2	0	4	4	14	8	0	0	0	0	0	0	0	1	6	10	11	2	0	0	11	18	1	1	1	0	1	12	7	5	2
		21	1009.3	–	6.1	0.8	8.4	88	5.1	3	6	3	9	9	0	0	0	0	0	0	3	2	11	7	7	0	0	0	6	23	1	2	0	1	4	7	9	4	2
Hereford & Worcester																																										
Great Malvern	46	9	1010.2	–	6.9	0.9	8.8	87	6.1	1	4	1	14	10	0	0	0	0	1	0	2	2	4	9	12	0	0	0	4	22	4	1	0	2	2	9	5	5	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1009.8	–	6.9	0.9	8.9	88	5.1	3	7	1	8	11	0	0	0	0	0	0	0	2	7	7	14	0	0	0	7	19	4	1	0	1	3	10	1	9	1

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
4 MIDLAND COUNTIES - Continued																																											
Hereford & Worcester - Continued																																										
Madley	79	3	1009.3	–	6.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	7	11	12	1	1	0	1	6	3	4	2
		9	1010.4	–	6.8	0.9	8.7	87	6.2	1	4	2	9	12	2	1	1	0	0	0	1	5	8	14	0	0	0	3	18	9	3	0	0	1	7	3	4	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Oxfordshire																																										
Brize Norton	92	3	1009.7	–	5.9	0.7	8.6	90	5.6	5	2	3	7	13	0	0	0	0	0	1	2	9	7	7	4	0	0	8	20	2	2	0	1	1	5	15	3	1
		9	1011.0	–	6.0	0.8	8.4	88	6.0	0	5	4	10	11	0	1	0	2	0	1	2	8	4	9	3	0	1	6	21	2	2	0	0	2	6	8	7	3
		15	1010.0	–	8.6	1.6	8.8	78	6.5	0	3	3	11	13	0	0	0	1	0	0	2	6	3	13	5	0	2	8	20	0	3	0	0	1	9	10	5	2
		21	1010.6	–	6.3	0.9	8.4	87	5.6	3	5	1	10	10	1	0	1	0	0	0	0	11	3	9	6	0	0	9	18	3	2	0	0	3	6	9	6	1
5 ENGLAND SE & CENT. S																																										
Greater London																																										
Heathrow	26	3	1009.9	–	6.5	0.7	8.9	90	5.2	4	3	4	11	8	0	0	0	0	0	0	0	5	13	3	6	3	0	0	8	19	3	2	0	1	1	9	6	7	1
		9	1011.1	-3.1	7.2	0.9	8.9	87	6.5	0	3	3	14	10	0	0	0	0	0	0	2	2	9	5	6	6	0	0	3	26	1	2	0	0	2	10	4	8	3
		15	1010.3	–	9.4	1.9	9.1	76	6.5	0	1	4	16	9	0	0	0	0	0	0	0	0	9	3	12	6	0	0	7	23	0	2	0	0	2	9	6	8	3
		21	1010.9	–	7.4	1.0	8.9	85	5.6	3	3	4	11	9	0	0	0	0	1	0	4	6	6	9	4	0	0	0	7	21	2	2	0	0	6	4	8	7	1
London	24	3	1009.7	–	7.9	1.2	9.1	83	5.3	3	4	4	12	7	0	0	0	0	0	0	0	0	12	8	9	1	0	0	9	21	0	2	1	1	0	4	10	10	2
Weather Centre (X)		9	1011.0	–	8.1	1.3	8.9	82	6.4	0	3	5	10	12	0	0	0	0	0	0	1	11	4	13	1	0	0	12	18	0	1	2	0	1	9	8	5	4
		15	1010.2	–	9.8	2.1	8.9	73	6.7	0	1	4	14	11	0	0	0	0	0	0	0	6	5	18	1	0	2	12	16	0	1	3	0	0	11	5	6	4
		21	1010.7	–	8.4	1.5	8.9	80	5.8	3	1	5	14	7	0	0	0	0	0	0	0	10	8	11	1	0	1	9	20	0	1	1	1	2	9	4	9	3
Wiltshire																																										
Lyneham	149	3	1010.0	–	5.8	0.5	8.8	93	5.9	1	5	3	8	13	0	0	0	0	0	0	0	5	9	9	4	3	0	0	10	20	0	1	1	0	2	9	12	4	1
		9	1011.1	-3.2	5.9	0.6	8.7	91	5.8	0	4	6	10	10	0	0	1	0	1	2	5	3	8	10	0	0	0	2	9	19	0	2	0	0	1	13	7	6	1
		15	1010.2	–	8.1	1.3	8.9	82	6.6	0	2	4	12	12	0	0	0	1	0	0	2	1	5	6	10	5	0	3	14	13	0	2	2	0	3	6	9	6	2
		21	1010.8	–	6.2	0.7	8.7	90	6.2	1	4	2	11	12	0	0	0	0	0	0	1	4	5	8	9	3	0	1	10	19	0	2	1	0	3	9	7	8	0
Berkshire																																										
Easthampstead	75	9	1011.4	–	6.3	0.8	8.6	88	6.1	0	5	3	10	12	0	0	2	0	1	0	1	9	3	8	6	0	0	0	27	3	1	0	1	0	8	8	6	3
		15	1010.6	–	8.8	1.7	8.9	78	6.5	0	2	5	12	11	0	0	0	0	0	0	0	10	6	10	4	0	0	1	26	3	5	0	0	0	6	7	7	2
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kent																																										
Langdon Bay	121	3	1010.4	–	6.9	0.7	9.1	89	5.5	6	2	3	2	17	0	0	0	0	0	1	2	3	4	7	13	0	2	5	12	10	1	2	2	0	1	5	7	10	2
		9	1011.5	–	6.9	0.6	9.2	91	6.6	0	1	8	4	15	2	0	0	0	0	2	2	2	5	6	13	0	0	3	16	9	2	2	1	0	0	6	7	10	2
		15	1011.0	–	8.1	1.1	9.2	85	6.7	0	0	6	8	14	2	1	0	1	1	1	1	9	4	12	0	1	5	12	10	2	1	1	0	0	8	10	3	5
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manston	45	3	1010.4	–	6.2	0.7	8.6	89	5.0	2	8	4	7	9	0	0	0	0	0	0	5	1	11	4	9	0	0	4	7	17	2	0	2	0	4	7	11	3	1
		9	1011.5	–	6.9	0.8	8.9	89	6.8	0	1	5	10	13	1	0	1	0	2	1	4	5	7	10	0	0	1	11	18	0	2	0	0	1	9	8	9	1
		15	1010.9	–	8.2	1.2	9.2	84	6.9	0	1	3	15	10	1	0	1	1	0	1	4	4	6	12	1	0	1	13	15	1	1	2	0	2	9	6	5	4
		21	1011.3	–	6.9	0.9	8.8	88	5.8	3	4	2	7	14	0	0	0	0	0	5	2	4	9	10	0	0	2	11	17	0	1	1	0	3	8	11	4	2
Ulcombe	47	9	1011.6	–	5.8	0.5	8.8	93	6.7	0	2	4	9	12	3	0	1	2	2	0	5	14	6	0	0	0	0	3	24	3	1	2	1	3	4	3	8	5
		21	1011.4	–	6.2	0.6	8.9	92	5.4	5	4	2	0	17	2	0	0	1	1	1	5	14	8	0	0	0	0	0	8	15	7	1	1	3	2	3	4	7	2
Hampshire																																										
Solent	9	3	1011.0	–	8.1	1.1	9.4	85	5.2	6	3	2	4	14	1	0	0	0	1	0	0	4	14	11	0	1	6	5	18	0	1	1	2	1	4	5	12	4
M R S C		9	1012.0	–	7.8	1.2	9.0	84	5.9	1	3	6	8	12	0	0	0	0	2	1	0	3	14	10	0	0	3	11	10	6	2	1	2	2	4	6	4	3
		15	1011.3	–	9.9	1.8	9.5	77	6.6	0	1	6	8	15	0	0	0	0	0	0	0	6	14	10	0	1	7	8	12	2	1	1	1	5	4	4	10	2
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Southampton	9	3	1010.9	–	7.3	0.9	9.1	87	5.3	2	7	2	9	10	0	0	0	0	1	0	1	9	8	11	0	0	0	3	24	3	2	0	0	1	6	5	10	3
Weather Centre (X)		9	1011.8	–	7.6	1.2	8.9	84	5.8	2	2	6	10	9	1	0	0	0	1	1	1	11	2	13	1	0	0	0	30	0	2	0	1	5	5	4	10	3
		15	1011.1	–	10.0	2.0	9.3	74	6.4	0	2	6	11	11	0	0	0	0	0	0	0	6	5	16	3	0	0	5	25	0	2	1	0	4	5	5	7	6
		21	1011.7	–	8.2	1.3	9.1	82	5.4	5	3	2	8	12	0	0	0	0	0	1	1	6	10	12	0	0	0	5	24	1	1	1	3	2	5	3	13	1
Isle of Wight																																										
St Catherine's Point	16	3	–	–	8.6	1.3	9.4	82	5.3	3	7	1	6	12	1	0	1	0	0	0	0	0	8	15	6	4	3	8	14	1	1	0	1	1	3	4	11	8
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	10.0	2.0	9.2	75	6.5	0	4	3	8	15	0	0	0	0	0	0	0	2	5	17	6	0	8	8	10	4	1	1	1	2	2	4	13	2
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wellow	25	9	1012.0	–	7.7	0.8	9.4	89	6.4	1	1	5	10	12	1	0	1	0	2	1	0	8	5	13	0	0	0	8	22	0	4	0	2	1	6	3	12	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Sussex																																										
Gatwick	64	3	1010.6	–	5.7	0.7	8.5	90	5.4	3	7	0	6	14	0	0	0	1	0	0	5	15	1	8	0	0	0	5	20	5	2	0	0	1	7	9	5	1
		9	1011.7	-2.9	6.2	0.8	8.6	88	6.4	0	4	2	11	11	2	0	1	2	0	1	2	7	5	11	1	0	0	2	26	2	1	0	1	5	7	7	4	3
		15	1010.9	–	8.9	1.6	9.0	78	6.5	0	2	3	16	9	0	0	0	0	0	0	1	9	3	15	2	0	1	5	24	0	4	0	0	3	8	4	10	1
		21	1011.4	–	6.3	0.8	8.6	88	5.8	2	5	2	7	14	0	0	1	0	0	0	6	7	5	10	1	0	0	7	21	2	2	1	1	5	3	12	3	1
East Sussex																																										
Herstmonceux	25	3	1011.0	–	6.3	0.6	8.9	91	5.6	4	4	2	5	15	0	0	0	0	0	0	4	9	6	9	2	0	4	5	18	3	4	0	0	2	6	2	7	6
		9	1012.0	–	6.6	0.7	9.0	89	6.3	0	3	5	10	12	0	0	0	0	0	0	4	8	8	7	3	0	0	7	18	5	1	1	0	2	5	2	8	6
		15	1011.3	–	8.8	1.3	9.5	82	6.7	0	2	3	13	12	0	0	0	0	0	0	2	7	8	5	8	0	0	12	17	1	1	1	2	2	4	7	10	2
		21	1011.8	–	6.8	0.8	8.9	89	5.7	2	5	4	6	13	0	0	0	0	2	0	2	5	7	11	3	0	1	9	19	1	3	1	2	4	3	4	6	6
7A ENGLAND NW & I.o.M.																																										
Cumbria																																										
Aspatria	64	9	1006.6	–	5.9	0.8	8.3	87	6.1	0	3	5	14	8	0	0	0	0	0	0	0	4	10	10	6	0	1	16	7	6	0	2	1	3	4	5	8	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1005.8	–	6.4	0.9	8.6	87	5.7	1	2	8	9	10	0	0	0	0	0	0	0	3	6	8	7	6	0	5	8	13	4	1	1	0	2	6	6	10	0
Eskmeals	9	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Wind speed and direction: Speed (kn): 34 or more	22-33	11-21	1-10	0	Wind speed and direction: N	NE	E	SE	S	SW	W	NW
									Number of observations																																		
7A ENGLAND NW & I.o.M. - Continued																																										
Lancashire																																										
Aughton	56	3	1007.1	–	6.5	0.9	8.5	87	5.3	1	3	10	8	8	0	0	0	0	0	1	1	1	7	15	5	0	0	10	19	1	1	1	1	11	4	4	4	3
		9	1008.2	–	6.6	1.0	8.4	85	5.6	0	5	5	14	6	0	0	0	0	0	1	1	4	7	12	5	0	0	10	20	0	1	1	0	10	7	3	6	2
		15	1006.9	–	8.3	1.6	8.7	78	5.8	0	5	4	14	7	0	0	0	0	0	1	0	0	3	9	12	5	0	0	16	14	0	1	2	0	5	11	4	4	3
		21	1007.3	–	7.0	1.1	8.7	85	5.9	1	4	3	12	10	0	0	0	0	0	0	1	0	6	2	15	6	0	2	10	17	1	4	0	1	7	9	2	3	3
Squires Gate	11	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Merseyside																																										
Crosby	9	3	1007.0	–	7.3	1.2	8.5	82	4.9	4	3	8	8	7	0	0	0	0	0	0	0	3	3	19	5	2	6	11	11	0	3	1	0	7	9	3	6	1
		9	1008.1	–	7.3	1.3	8.4	81	6.0	1	3	6	8	12	0	0	0	0	0	0	1	3	4	22	0	0	3	14	13	0	3	0	1	7	7	4	5	3
		15	1006.8	–	8.8	1.8	8.7	76	6.5	0	1	7	7	15	0	0	0	0	0	1	2	2	3	22	0	1	6	12	9	2	1	1	0	2	11	4	6	3
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greater Manchester																																										
Ringway	84	3	1007.9	–	5.9	0.8	8.3	87	5.4	0	7	4	14	5	0	0	0	0	0	0	2	2	5	9	12	0	0	0	10	20	0	0	1	1	3	14	3	5	3
		9	1008.9	-3.8	6.0	1.0	8.1	85	5.4	0	6	6	13	5	0	0	0	0	0	1	0	0	6	13	7	3	0	0	12	17	1	0	1	1	3	12	5	4	3
		15	1007.8	–	8.1	1.6	8.5	78	5.9	0	5	5	12	8	0	0	0	0	0	0	0	2	4	12	9	3	0	1	12	17	0	0	1	1	0	14	4	6	4
		21	1008.2	–	6.1	1.0	8.3	86	4.9	3	7	4	5	11	0	0	0	0	0	0	0	4	7	12	6	1	0	0	10	20	0	3	1	1	2	14	6	2	1
Isle of Man																																										
Calf of Man	93	3	–	–	–	–	–	–	6.2	0	0	12	5	13	0	0	0	0	0	0	0	0	6	22	2	1	9	10	10	0	2	1	0	1	7	13	4	2
		9	–	–	–	–	–	–	6.4	0	1	7	12	10	0	0	0	0	0	0	0	1	4	20	5	1	8	12	9	0	3	1	0	1	10	9	6	0
		15	–	–	–	–	–	–	6.4	0	1	9	7	13	0	0	0	0	0	0	0	5	3	20	2	1	11	12	6	0	1	2	0	0	13	5	6	3
		21	–	–	–	–	–	–	6.2	0	1	9	6	14	0	0	0	0	1	0	0	0	4	22	3	1	10	11	6	2	3	1	1	1	6	7	9	0
Point of Ayre	11	3	1005.3	–	8.0	1.1	9.2	85	5.4	2	7	3	5	13	0	0	0	0	0	0	0	0	3	19	8	0	9	16	5	0	3	1	0	3	5	6	10	2
		9	1006.1	-5.1	8.2	1.2	9.2	84	6.3	0	2	7	7	14	0	0	0	0	0	0	0	1	4	16	9	0	7	16	7	0	2	2	1	2	6	6	9	2
		15	1004.8	–	8.9	1.2	9.6	84	6.6	0	2	3	12	13	0	0	0	0	0	0	1	0	6	20	3	1	9	14	5	1	1	1	1	2	8	5	6	5
		21	1005.3	–	8.1	1.0	9.4	85	5.8	0	5	6	5	14	0	0	0	0	0	1	0	0	1	19	9	0	11	11	6	2	2	1	1	1	6	5	10	2
Ronaldsway	21	3	1005.8	–	7.8	1.3	8.8	82	5.9	0	4	6	9	11	0	0	0	0	0	0	0	4	7	12	7	0	10	11	9	0	3	1	0	3	4	7	11	1
		9	1006.7	-4.9	8.2	1.4	8.9	81	6.4	0	3	3	16	8	0	0	0	0	0	0	0	3	9	9	9	0	7	14	9	0	5	0	0	1	8	7	9	0
		15	1005.3	–	9.1	1.6	9.2	79	6.3	0	1	6	15	8	0	0	0	0	0	0	0	2	4	10	8	6	1	8	14	7	0	2	1	1	2	8	7	6	3
		21	1006.0	–	8.1	1.3	9.1	82	6.2	0	3	6	10	11	0	0	0	0	0	0	1	0	7	7	12	3	1	6	13	10	0	4	1	2	2	4	7	9	1
7B WALES N																																										
Gwynedd																																										
Nantmor	52	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	7.6	0.9	9.2	87	6.4	3	2	1	6	18	0	0	0	0	0	0	0	0	7	21	0	2	0	0	9	11	10	5	1	0	0	11	1	2	0
Valley	11	3	1007.2	–	8.2	1.2	9.2	83	6.2	0	1	9	12	8	0	0	0	0	0	0	0	0	3	6	12	9	0	8	12	10	0	2	1	1	2	8	5	8	3
		9	1008.1	-4.1	8.5	1.4	9.1	81	6.6	0	0	3	23	4	0	0	0	0	0	0	0	0	1	4	14	11	0	7	15	6	2	1	1	0	1	7	7	7	4
		15	1007.0	–	9.2	1.5	9.4	80	6.6	0	1	3	14	12	0	0	0	0	0	0	0	2	4	5	13	6	2	6	15	6	1	2	1	0	0	7	10	5	4
		21	1007.5	–	8.5	1.4	9.1	81	6.3	0	1	8	12	9	0	0	0	0	0	0	0	0	2	8	9	11	2	7	8	9	4	1	0	0	1	7	5	7	5
Clwyd																																										
Moel-y-Crio	263	9	1008.8	–	5.5	0.8	8.0	88	6.0	0	2	6	16	6	0	0	0	1	1	0	0	1	5	16	6	0	3	17	10	0	3	1	0	1	6	8	9	2
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1008.0	–	5.7	0.8	8.2	88	5.5	2	6	3	7	12	0	0	0	0	1	0	0	6	1	17	5	0	3	18	9	0	3	0	0	0	6	8	9	4
8A WALES S																																										
Dyfed																																										
Aberporth	134	3	1008.4	–	7.6	1.1	8.9	84	6.1	0	2	7	13	8	0	0	0	0	0	0	0	0	5	7	11	7	0	12	11	7	0	3	1	0	1	10	4	8	3
		9	1009.2	-3.9	7.7	1.2	8.8	83	7.0	0	0	2	20	8	0	0	0	0	0	0	0	0	2	12	12	4	0	9	20	1	0	2	1	0	0	13	3	5	6
		15	1008.1	–	8.4	1.3	9.1	82	6.6	0	3	2	14	11	0	0	0	0	0	0	0	1	5	11	9	4	3	13	9	5	0	2	1	0	0	8	6	8	5
		21	1008.7	–	7.8	1.2	8.9	83	5.4	0	6	7	11	6	0	0	0	0	0	0	0	1	2	12	8	7	1	12	12	5	0	1	1	1	0	10	7	4	6
Brawdy	116	3	1008.9	–	7.5	1.1	8.9	84	5.6	0	6	5	12	7	0	0	0	0	0	1	0	1	4	6	13	5	0	10	13	6	1	3	1	0	2	5	4	11	3
		9	1009.7	–	7.8	1.2	9.0	83	6.7	0	1	4	17	8	0	0	0	0	0	0	0	2	3	8	11	6	1	5	17	7	0	2	0	0	4	7	4	6	7
		15	1008.8	–	8.5	1.4	9.1	81	6.6	0	1	4	16	9	0	0	0	0	0	1	1	3	5	10	10	1	10	13	6	0	1	2	0	1	6	7	6	7
		21	1009.4	–	7.8	1.2	9.0	83	6.1	0	4	4	10	12	0	0	0	0	1	0	1	4	8	6	10	1	7	11	11	0	0	1	1	3	4	6	6	9
Milford Haven	39	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1010.2	-3.3	8.9	0.9	10.2	88	6.5	0	2	4	11	13	0	0	0	0	0	0	0	0	5	15	10	0	0	4	16	9	1	1	1	2	5	3	7	7	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Glamorgan																																										
Mumbles Head	32	3	1009.7	–	8.2	0.5	10.3	94	5.2	4	1	7	9	9	0	0	0	0	0	0	0	1	1	14	14	0	0	6	11	12	1	4	0	2	1	5	2	10	5
		9	1010.5	-2.0	8.3	0.5	10.4	94	6.5	0	2	3	14	11	0	0	0	0	0	0	0	3	4	15	8	0	0	4	13	13	0	3	2	2	2	6	2	7	6
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1010.2	–	8.6	0.6	10.5	92	5.7	0	4	9	3	14	0	0	0	0	0	0	0	1	2	13	14	0	1	6	8	14	1	3	0	1	2	3	5	9	6
Mid Glamorgan																																										
Cwmbargoed	372	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
South Glamorgan																																										
Rhoose	74	3	1010.0	–	6.6	0.8	8.8	88	5.0	2	7	4	11	6	0	0	0	0	1	0	2	2	8	14	3	0	4	8	18	0	3	1	2	2	3	4	8	7
		9	1011.0	-3.1	7.2	0.9	9.0	87	6.1	0	5	2	14	9	0	0	0	0	0	1	1	5	8	13	2	0	2	10	18	0	2	2	1	5	4	5	4	7
		15	1010.1	–	8.7	1.4	9.1	81	6.4	0	2	5	14	9	0	0	0	0	0	1	1	5	9	11	3	0	5	11	14	0	1	1	3	5	2	5	11	2
		21	1010.6	–	7.3	0.9	9.0	87	5.4	2	4	5	10	9	0	0	0	0	0	0	0	1	6	7	14	2	0	5	7	18	0	2	1	2	4	2	6	5	8
8B ENGLAND SW																																										
Avon																																										
Bristol	40	3	1009.9	–	7.5	1.1	9.0	85	5.3	2	5	5	7	11	0	0	0	0	0	0	0	0	11	9	9	1	0	0	6	19	5	1	0	0	1	4	9	8	2
Weather Centre (X)		9	1011.0	-3.2	7.7	1.2	8.8	83	6.3	0	2	5	14	9	0	0	0	0	1	0	2	5	10	10	2	0	0	7	16	7	1	1	1	1	4	7	7	1
		15	1010.1	–	9.5	2.0	8.9	75	6.2	0	3	5	11	11	0	0	0	0	0	0	0	2	7	9	9	3	0	0	7	21	2	2	1	0	2	6	6	10	1
		21	1010.6	–	8.0	1.2	9.0	83	6.0	3	1	4	10	12	0	0	0	0	0	0	0	2	8	12	8	0	0	0	7	17	6	0	1	1	3	3	7	9	0

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Mean (Oktas)	Cloud amount: 0	Cloud amount: 1 - 2	Cloud amount: 3 - 5	Cloud amount: 6 - 7	Cloud amount: 8	Cloud amount: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																	
8B ENGLAND SW - Continued																																										
Somerset																																									
Tivington	83	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Yeovilton	23	3	1010.4	–	6.1	0.8	8.6	88	5.1	2	8	3	7	10	0	0	0	0	0	1	2	7	11	9	0	0	0	9	15	6	0	1	1	2	5	7	7	1			
		9	1011.3	–	7.0	1.0	8.7	86	6.0	0	2	9	9	10	0	0	1	0	0	1	5	5	11	7	0	0	1	11	13	5	2	0	0	3	9	5	3	3			
		15	1010.4	–	9.5	1.9	9.0	75	6.7	0	1	5	10	14	0	0	0	0	0	0	4	5	13	8	0	0	2	15	12	1	1	2	0	2	7	6	6	5			
		21	1011.1	–	7.3	1.1	8.8	84	5.4	3	2	9	5	11	0	0	0	0	0	1	2	6	12	9	0	0	1	11	15	3	1	2	0	5	6	3	7	3			
Dorset																																									
Hurn	11	3	1010.9	–	6.0	0.8	8.6	89	4.7	4	8	2	5	11	0	0	0	0	1	1	3	4	7	14	0	0	0	9	17	4	3	0	0	2	7	7	4	3			
		9	1011.7	-3.2	6.6	0.9	8.8	87	5.7	1	5	3	10	11	0	0	0	0	0	2	3	8	6	7	4	0	0	7	21	2	3	0	2	5	3	7	4	4			
		15	1010.9	–	9.5	1.8	9.2	76	6.3	0	1	9	10	10	0	0	0	0	0	0	1	5	9	9	6	0	1	14	15	0	2	0	1	5	5	6	8	3			
		21	1011.7	–	7.0	0.9	8.8	87	5.1	4	5	3	6	12	0	0	0	0	1	1	2	5	8	12	1	0	1	11	15	3	2	1	1	3	6	6	8	0			
Portland	54	9	1011.6	–	9.4	1.6	9.5	79	6.0	0	3	8	7	12	0	0	0	0	0	0	3	4	9	14	0	0	0	9	12	7	2	2	0	0	1	7	2	11	5		
Bill C.G.		15	1010.8	–	9.9	1.8	9.5	77	6.6	0	0	7	12	10	1	0	0	0	1	0	2	3	11	13	0	0	0	9	12	9	0	4	0	1	1	6	6	9	3		
Devon																																									
Lundy	43	3	–	–	9.9	1.6	9.7	79	4.9	1	8	6	5	10	0	0	0	0	0	0	0	0	8	18	4	4	9	7	9	1	6	0	0	0	7	1	12	3			
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	10.2	1.7	9.8	78	6.4	0	2	6	9	13	0	0	0	0	0	0	1	2	10	16	1	3	8	13	6	0	7	0	1	0	7	4	9	2			
		21	–	–	10.0	1.8	9.6	77	5.5	0	5	10	1	14	0	0	0	0	0	0	0	1	8	19	2	6	7	9	7	1	8	0	0	0	5	5	11	0			
Mount Batten	28	3	1011.4	–	7.7	0.9	9.4	87	5.1	1	6	6	8	9	0	0	0	0	0	0	1	10	11	8	0	0	5	10	11	4	1	0	2	2	5	2	10	4			
		9	1012.1	-2.5	8.1	1.0	9.5	86	6.4	1	2	2	16	9	0	0	0	0	0	0	2	7	7	14	0	0	4	9	15	2	2	1	1	3	7	3	10	1			
		15	1011.2	–	9.5	1.5	9.6	80	6.7	0	1	4	15	10	0	0	0	0	0	1	1	3	6	17	2	1	5	16	8	0	4	0	1	2	7	4	7	5			
		21	1012.1	–	8.5	1.3	9.4	83	5.7	2	4	4	10	10	0	0	0	0	1	0	0	10	5	14	0	1	3	12	9	5	3	0	2	1	4	4	8	3			
Cornwall																																									
Camborne	88	3	1011.4	–	8.5	1.2	9.5	84	5.3	0	6	8	9	7	0	0	0	0	0	0	0	7	3	13	7	0	7	12	11	0	0	1	2	1	9	4	8	5			
		9	1012.0	–	8.8	1.3	9.6	83	6.3	0	1	7	14	8	0	0	0	0	0	1	1	7	4	10	7	0	7	12	10	1	1	1	1	0	11	5	4	6			
		15	1011.3	–	9.7	1.7	9.5	78	6.3	0	1	7	13	9	0	0	0	1	0	0	0	6	7	10	6	0	9	15	6	0	4	0	1	0	7	5	7	6			
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Culdrose	84	3	1011.6	–	8.7	1.0	9.9	87	5.2	2	2	9	9	8	0	0	0	0	1	0	1	1	4	11	12	0	1	5	14	10	0	1	1	2	2	4	4	11	5		
		9	1012.1	–	9.0	1.1	9.9	85	6.6	0	1	4	14	11	0	0	0	0	0	1	2	7	11	9	0	0	3	18	9	0	2	2	0	1	6	4	10	5			
		15	1011.4	–	10.1	1.6	10.0	80	6.5	0	1	5	15	9	0	0	0	1	0	0	0	3	5	8	13	0	1	5	16	8	0	2	1	1	0	3	10	5	8		
		21	1012.4	–	8.6	1.0	9.7	86	6.1	0	1	9	11	9	0	0	0	0	1	0	1	6	11	11	0	0	7	12	11	0	1	2	1	3	5	3	9	6			
Gwennap Head	70	3	1011.0	–	9.7	1.5	9.8	80	5.1	1	5	10	6	8	0	0	0	0	0	0	1	4	5	8	12	4	9	11	6	0	1	1	1	3	6	9	5	4			
		9	1011.6	–	9.8	1.5	9.8	80	6.8	0	1	2	14	12	1	0	1	0	0	0	1	5	8	8	7	2	11	14	2	1	3	0	0	4	8	8	3	3			
		15	1010.9	–	10.3	1.7	10.0	79	6.8	0	1	5	9	15	0	0	0	0	0	2	1	7	4	9	7	3	10	11	5	1	2	1	0	2	6	10	3	5			
		21	1011.8	–	9.5	1.5	9.7	81	5.4	2	5	5	6	12	0	0	0	0	0	0	0	4	5	14	7	2	10	11	6	1	2	1	1	1	7	9	3	5			
St Mawgan	107	3	1011.1	–	8.5	1.1	9.5	84	5.9	0	4	7	11	8	0	0	0	0	0	0	3	6	5	15	1	0	7	12	10	1	2	0	2	1	9	3	10	2			
		9	1011.7	-2.8	8.8	1.2	9.6	83	6.3	0	3	3	16	8	0	0	0	0	0	1	1	7	4	13	4	0	2	17	11	0	2	1	0	5	8	5	5	4			
		15	1010.9	–	9.7	1.6	9.5	79	6.7	0	1	4	15	10	0	0	0	0	1	0	1	8	4	10	6	0	8	15	7	0	3	0	0	4	5	5	7	6			
		21	1011.8	–	8.6	1.3	9.4	82	6.0	0	3	7	13	7	0	0	0	0	1	0	4	4	4	15	2	0	6	14	8	2	1	1	1	2	5	4	9	5			
CHANNEL ISLANDS																																									
Channel Islands																																									
Guernsey Airport	107	3	1012.2	–	8.7	1.3	9.3	82	5.8	0	5	5	11	9	0	0	0	0	0	0	5	5	4	7	9	0	8	10	12	0	0	2	0	1	7	4	9	7			
		9	1012.9	–	9.1	1.3	9.7	83	6.2	0	2	6	18	4	0	0	0	0	0	3	2	3	7	3	12	0	6	15	7	2	1	2	0	1	7	4	7	6			
		15	1012.1	–	9.7	1.5	9.7	80	6.7	0	0	4	17	9	0	0	0	0	0	1	4	4	4	7	10	0	7	14	9	0	4	1	0	3	7	3	8	4			
		21	1013.0	–	9.1	1.6	9.3	79	6.3	0	1	8	14	7	0	0	1	0	0	0	2	4	3	11	9	0	5	17	7	1	2	2	0	4	5	3	7	6			
Jersey Airport	94	3	1012.8	–	8.5	1.2	9.4	83	5.9	1	2	8	8	11	0	1	0	0	0	1	3	4	5	10	6	0	6	12	10	2	2	1	0	3	6	4	6	6			
		9	1013.4	-1.8	8.8	1.0	9.9	86	6.5	0	1	4	15	10	0	1	0	0	0	3	2	8	2	7	7	0	7	13	9	1	4	1	0	6	3	5	6	4			
		15	1012.8	–	9.5	1.4	9.7	81	6.8	0	1	3	16	10	0	1	0	1	0	0	3	4	3	13	5	0	6	14	10	0	5	0	0	5	6	5	6	3			
		21	1013.6	–	8.7	1.3	9.3	82	6.0	1	3	5	8	13	0	1	0	0	0	0	4	2	5	13	5	1	8	11	9	1	3	1	1	5	3	4	7	5			
NORTHERN IRELAND																																									
Antrim																																									
Aldergrove	73	3	1005.2	–	5.4	0.7	8.2	90	5.2	1	8	1	13	7	0	0	0	0	1	0	1	1	7	10	10	0	1	14	14	1	1	0	1	4	9	4	8	2			
		9	1005.6	-5.7	6.0	0.8	8.4	89	6.0	0	4	6	11	8	1	0	1	0	0	1	1	3	8	13	3	0	1	15	13	1	2	0	1	2	13	7	3	1			
		15	1004.4	–	7.5	1.1	8.8	84	5.6	0	6	5	10	9	0	0	0	0	0	0	2	3	11	9	5	0	1	12	15	2	1	1	0	2	9	6	4	5			
		21	1005.4	–	5.9	0.8	8.3	88	4.9	1	10	2	10	7	0	0	0	0	0	0	0	2	9	10	9	0	4	8	17	1	1	0	1	3	12	5	5	2			
Londonderry																																									
Carmoney	73	9	–	–	6.5	1.0	8.4	86	6.4	0	1	8	7	14	0	0	0	0	0	0	0	0	1	29	0	0	2	11	15	2	1	1	1	0	8	11	3	3			
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Down																																									
Long Kesh	39	3	1005.3	–	5.6	0.8	8.2	88	5.4	1	5	9	4	11	0	0	0	0	1	0	0	2	8	18	1	0	1	11	15	3	0	1	1	0	1	10	12	2			
		9	1005.9	–	6.1	0.9	8.4	87	5.7	0	6	4	11	9	0	0	0	2	0	0	0	5	10	11	2	0	0	8	22	0	0	1	1	0	5	7	16	0			
		15	1004.6	–	8.3	1.4	8.9	81	6.1	0	3	7	10	10	0	0	0	0	0	0	2	4	6	13	5	0	1	13	16	0	1	0	2	0	2	5	14	6			
		21	1005.6	–	6.2	0.9	8.3	87	5.1	2	7	4	7	10	0	0	0	0	1	0	1	6	4	17	1	0	2	12	14	2	1	1	0	1	2	10	11	2			
Tyrone																																									
Carrigans	113	9	1005.1	–	5.8	0.6	8.5	90	6.3	0	1	9	8	12	0	0	0	0	1	0	1	5	18	5	0	0	0	12	15	3	4	0	0	1	13	2	5	2			
		21	1005.1	–	6.0	0.8	8.4	88	6.2	2	1	8	3	16	0	0	0	0	0	1	0	4	25	0	0	0	2	12	10	6	4	0	1	2	9	2	4	2			
Fermanagh																																									
Corgary	144	9	1005.3	–	6.5	1.0	8.4	85	6.6	0	0	2	17	11	0	0	0	0	1	0	1	9	5	11	3	0	4	12	10	4	0	1	0	4	8	2	10	1			

Table 5 Number of days with max. and min. temperatures between given limits — November 1991

Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	4	22	4	0	0	0	0	0	0	0	1	17	12	0	0
Kirkwall	0	0	23	7	0	0	0	0	0	0	0	0	21	9	0	0
Stornoway	0	0	21	9	0	0	0	0	0	0	0	1	19	9	1	0
Braemar	0	8	20	2	0	0	0	0	0	0	1	12	12	5	0	0
Craibstone	0	4	20	6	0	0	0	0	0	0	0	4	19	7	0	0
Dunstaffnage	0	0	18	12	0	0	0	0	0	0	0	4	15	10	1	0
Abbotsinch	0	3	14	13	0	0	0	0	0	0	1	8	10	11	0	0
Rothesay	0	1	18	11	0	0	0	0	0	0	0	1	17	12	0	0
Eskdalemuir	0	6	22	2	0	0	0	0	0	0	0	10	12	8	0	0
Boulmer	0	2	18	10	0	0	0	0	0	0	0	4	20	6	0	0
Leeming	0	2	19	8	1	0	0	0	0	0	0	4	13	12	1	0
Hull	0	0	20	8	2	0	0	0	0	0	0	3	17	10	0	0
Cranwell	0	0	19	11	0	0	0	0	0	0	0	8	14	8	0	0
Cambridge N I A B	0	0	17	12	1	0	0	0	0	0	0	3	16	9	2	0
Lowestoft	0	0	23	7	0	0	0	0	0	0	0	5	13	11	1	0
Shawbury	0	0	18	11	1	0	0	0	0	0	0	5	14	9	2	0
Elmdon	0	1	21	8	0	0	0	0	0	0	0	6	14	9	1	0
Heathrow	0	0	15	14	1	0	0	0	0	0	0	4	14	9	3	0
Southampton	0	0	8	21	1	0	0	0	0	0	0	3	13	11	3	0
Hastings	0	0	13	17	0	0	0	0	0	0	0	1	20	6	3	0
Douglas	0	0	17	13	0	0	0	0	0	0	0	0	15	15	0	0
Ringway	0	0	17	13	0	0	0	0	0	0	0	3	13	14	0	0
Valley	0	0	13	17	0	0	0	0	0	0	0	1	9	16	4	0
Aberporth	0	0	20	10	0	0	0	0	0	0	0	0	10	18	2	0
Rhoose	0	0	16	13	1	0	0	0	0	0	0	3	11	13	3	0
Falmouth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aldergrove	0	2	18	10	0	0	0	0	0	0	0	3	14	13	0	0
Armagh	0	2	14	14	0	0	0	0	0	0	0	4	15	11	0	0

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn		Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed kn	Day	Hour beginning	Veer from N	Speed kn	Day Time
0 SCOTLAND N																				
Shetland	Fair Isle	71	10	10	3 10 12-14	23	26	303	310	78	6	0	20.1	290	42	3	17	280	69	13 0400
	Lerwick	93	10	10	10 13	14	24	266	311	112	17	0	18.6	260	43	13	07	240	71	11 1130
	Sella Ness	16	10		4 7 11 13	29	26	292	262	103	34	0	19.0	260	45	13	08	260	61	13 0854
	Sumburgh	35	10	10	10 11 13	16	25	292	309	97	6	0	19.5	280	45	13	05	270	64	13 0536
Orkney	Kirkwall Airport	41	15	10	3 4 13	5	24	189	391	127	8	0	17.0	290	35	13	00	290	58	11 1100
Western Isles	Benbecula	16	10	10	11	1	21	214	326	156	23	0	16.7	280	34	11	02	280	60	11 0218
	Butt Of Lewis	43	10	10	4 10-14 20 21 23-27 29 30	71	26	317	260	69	3	0	22.1	180	41	25	20	280	60	11 0642
	Stornoway	12	10	10	10 12 26	4	14	92	341	197	86	0	13.1	180	36	10	11	160	56	12 1136
Highland	Aviemore	250	10	10		0	9	42	273	270	135	0	10.1	180	29	24	07	190	50	24 0548
	Dalcross	20	10	10		0	10	33	316	271	86	14	10.8	210	28	10	15	200	46	26 0212
	Duirinish	38	20	17	10 12 25 27 29	9	20	175	310	166	56	4	15.4	210	39	10	13	210	58	12 0830
	Invergordon Harbour	19	16	06		0	5	19	350	257	90	4	10.7	080	29	18	15	200	43	25 2348
	Shin	24	10	10		0	0	0	80	373	267	0	5.7	230	21	22	12	230	36	22 1212
	Wick	45	10	10		0	14	60	432	189	39	0	13.5	290	32	12	23	290	48	13 0030
1 SCOTLAND E																				
Grampian	Aberdeen, Dyce Airport	68	10	10		0	8	31	312	263	114	0	10.5	190	27	10	15	300	45	12 2112
	Cairngorm	1075	10	10	2 6-8 10-12 20-24 26-28 30	152	24	267	199	66	3	33	24.5	260	52	21	05	220	84	27 1542
	Kinloss	18	13	13		0	7	29	332	275	84	0	10.8	010	28	4	12	200	42	10 1530
	Lossiemouth	17	10	10		0	4	21	373	257	69	0	11.2	330	29	4	03	360	47	4 1124
	Peterhead Harbour	34	30	15	10 12	9	16	152	383	153	23	0	15.7	190	37	10	15	170	53	12 1400
Tayside	Mylnefield	40	10	10		0	1	1	159	344	216	0	6.8	270	27	12	20	270	44	12 2036
	Tummel Bridge	161	16	16		0	0	0	98	371	245	6	6.0	170	17	24	01	280	43	6 1630
	Perth Aerodrome	118	10	10		0	5	9	281	295	135	0	9.3	290	25	12	19	280	43	12 1954
	Rannoch	307	17	17		0	9	28	346	238	108	0	10.9		27	23	20	280	46	6 2318
Fife	Leuchars	25	13	13	12	1	10	46	341	258	74	0	11.6	260	40	12	20	260	57	12 2024
Lothian	Edinburgh Turnhouse Airport	43	13	10		0	6	14	312	267	127	0	9.8	250	29	12	19	250	57	12 1836
	Royal Observatory, Blackford Hill	159	10	10	10 12 24	10	17	120	333	199	54	4	14.6	200	45	10	14	200	72	10 1518
	Forth Road Bridge	72		72	6 10 12 18	8	21	171	326	157	58	0	15.2	250	43	12	19	250	66	12 1842
	Leith	15	09		12 18	4	17	141	329	179	67	0	14.2	240	45	12	19		56	12 1848
Borders	Charter Hall	112		10	12	1	10	48	336	243	92	0	11.6	220	35	12	18	220	52	12 1842
6 SCOTLAND W																				
Strathclyde	Abbotsinch Airport	16	10	10		0	9	26	261	269	164	0	9.3	200	27	10	15	200	44	10 1548
	Blairlinnans	145	13	12	Defective record															
	Dunstaffnage	13	10	10		0	8	20	306	297	94	3	10.1	310	28	14	15	180	45	12 1412
	Greenock Port	51	49		10	1	17	89	389	193	48	0	13.9	210	35	10	14	240	58	10 1948
	Inchterf	55	15	12	Defective record															
	Lowther Hill	754	27																	
	Machrihanish	10	10	10		0	18	201	322	147	50	0	15.9	260	33	10	20	270	54	10 2124
	Prestwick Airport	21	10	10		0	7	22	364	238	96	0	10.9	280	32	12	17	290	52	12 1712
	Salsburgh	275	15	11	10 12 24 25	7	20	196	336	158	16	7	16.7	190	36	24	03	260	56	12 1854
	Tiree	21	11	10	10 12 25	8	20	233	357	99	23	0	18.2	180	38	12	10	190	57	12 1118
Dumfries & Galloway	Chapelcross	64	15	15		0	5	18	275	298	129	0	9.7	280	27	12	18	280	46	12 1800
	Dumfries, Drungans	28	13	10		0	0	0	157	349	214	0	7.1	180	20	12	16	170	47	12 1630
	Eskdalemuir	259	10	10		0	3	3	285	258	174	0	8.9	180	24	12	17	180	49	12 1712
	West Freugh	24	10	10	12	1	7	52	312	224	108	23	11.5	290	35	12	16	270	54	12 1648
	Whithorn	40	15		10 12	7	15	142	376	154	41	0	15.4	250	40	12	16	140	67	12 1542

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning		Veer from N	Speed-kn	Day Time
2 ENGLAND E & N E																				
Northumberland	Blyth	19	10	10	Defective record															
	Boulmer	33	10	10		0	8	40	333	285	62	0	11.3	170	32	12	17	210	53	12 1836
Tyne & Wear	South Shields	22	17	13	Defective record															
Durham	Burnhope	244	10	10		0	6	27	322	287	84	0	10.7		25	11	00	240	48	7 1506
Cleveland	Hartlepool	15	10	10		0	4	12	196	315	156	41	8.2	190	27	12	17	180	49	12 1712
North Yorkshire	Church Fenton	18	10	10		0	7	16	255	313	136	0	9.1	160	28	12	16	180	52	12 1654
	Fylingdales	242	10	10	2	1	15	128	343	163	54	31	14.1	210	34	2	00	210	48	2 0018
	Leeming	42	10	10	7	2	7	35	303	272	108	0	10.8	260	36	7	19	260	64	7 1912
	Linton-on-Ouse	24	10	10		0	7	24	234	319	116	27	9.5	180	29	12	17	190	53	12 1742
Humberside	Bridlington MRSC	31	16	18																
	Spurn Point	17	10	10	4 12	5	19	182	401	115	17	0	16.5	180	42	12	17	200	54	12 1842
Lincolnshire	Coningsby	16	10	10		0	6	16	268	368	68	0	9.9	170	27	12	17	180	45	12 1842
	Cranwell	68	13	13		0	10	52	316	294	58	0	11.6	220	30	11	01	200	48	11 0118
	Scampton	68	10	10		0	7	26	348	292	54	0	11.3	220	26	11	00	180	38	12 1724
	Waddington	80	10	10		0	9	37	298	328	57	0	11.0	180	29	12	17	230	46	3 0054
3 EAST ANGLIA																				
Norfolk	Coltishall	27	10	10		0	5	9	237	385	89	0	9.4	190	24	12	19	200	41	12 2006
	Gorleston	16	13	13	12 19 20	19	9	60	312	295	34	0	12.7	030	40	19	21	040	55	19 2042
	Hemsby	26	13	13		0	9	44	289	327	60	0	11.1	030	30	19	21	040	48	19 2100
	Marham	29	10	10		0	9	28	265	359	68	0	10.3	170	25	12	18	030	45	19 1918
Cambridgeshire	Wittering	87	10	10		0	10	26	302	319	72	1	10.5	180	25	12	17	200	43	11 0048
	Wyton	45	10	10		0	7	25	271	364	60	0	10.3	180	25	12	18	190	42	1 2018
Suffolk	Honington	60	13	13		0	4	6	267	366	81	0	9.6	160	24	12	18	150	41	12 1854
	Wattisham	105	16	10		0	6	26	253	386	55	0	10.1	220	24	3	03	200	44	3 0254
Bedfordshire	Bedford	93	12	10		0	7	50	280	341	49	0	11.1	030	28	19	13	210	48	1 2000
Essex	Shoeburyness	12	10	10		0	5	19	246	356	99	0	9.2	180	27	12	19	220	46	12 1954
	Stansted	108	10	10		0	8	41	253	351	75	0	10.1	230	26	3	02	250	48	12 1918
	Walton On Naze	10	10	10		0	9	46	312	283	79	0	11.4	180	33	12	19	210	54	12 2012
4 MIDLAND COUNTIES																				
West Yorkshire	Leeds Weather Centre	43	10	10	7	8	5	26	224	366	96	0	9.5	280	42	7	19	280	70	7 1948
	Wilsden	272	10	10		0	6	46	286	293	95	0	11.0	250	28	7	14	180	53	12 1624
South Yorkshire	Finningley	19	10	10		0	2	3	235	368	114	0	8.9	210	25	10	23	210	41	3 1430
	High Bradfield	405	10	10	Defective record															
	Sheffield University	146	29	15		0	4	8	239	363	110	0	9.0	260	23	7	22	270	47	7 2212
Nottinghamshire	Nottingham Weather Centre	133	16	10		0	2	5	224	413	78	0	8.8	040	23	19	12	180	45	12 1636
Staffordshire	Cellarhead	241	13	8		0	1	3	213	410	94	0	8.3	180	24	12	15	180	43	12 1606
	Keele	162	10	10		0	1	5	242	357	116	0	8.7	210	28	12	15	210	48	12 1548
Shropshire	Shawbury	84	12	10		0	4	14	231	346	129	0	8.8	170	28	12	15	160	49	12 1530
West Midlands	Birmingham Elmdon Airport	108	10	10		0	2	5	182	402	131	0	7.9	180	23	12	15	030	38	19 0742
Hereford & Worcs	Preston Wynne	97	13	13																
Oxfordshire	Benson	67	10	10		0	2	6	209	326	179	0	7.9	030	24	19	13	180	42	12 1448
	Brize Norton	91	13	10		0	2	13	188	359	160	0	8.1	020	30	19	10	220	49	12 1730
	Oxford	113	50	22		0	7	36	222	380	67	15	10.1	250	28	7	19	220	50	1 1936
5 ENGLAND S E & CENTRAL																				
Greater London	Heathrow Airport	34	10	10		0	0	0	135	238	347	0	5.7	230	19	3	02	250	43	3 0248
	London Weather Centre	93	70	38		0	6	24	290	365	41	0	10.9	050	26	19	13	280	49	12 1906
	Northolt	49	15	12		0	0	0	181	324	215	0	7.1	020	20	19	15	230	45	3 0254
Wiltshire	Boscombe Down	130	17	17		0	5	20	275	305	120	0	9.6	220	28	3	00	010	43	19 1654
	Larkhill	155	10	10		0	3	17	218	350	135	0	8.7	020	28	19	15	260	51	3 0154
	Lyneham	156	10	10		0	2	13	220	408	79	0	8.9	010	27	19	09	360	51	19 0954
Kent	East Malling	33	12	10		0	0	0	78	238	404	0	4.3	230	17	3	03	230	44	3 0330
	Gravesend	25	20			0	1	3	172	363	182	0	7.2	030	26	19	12	220	44	3 0254
	Langdon Bay	117	12	12	2 3 12 19 20	25	14	95	333	219	48	0	14.3	190	40	12	18	210	62	3 0148
	Lydd Ranges	1	10	10	Defective record															
	Manston	62	10	10		0	5	36	209	330	145	0	9.0	030	29	19	20	030	54	19 1700
	Sheerness	50	44	10	3 7 19 20	11	14	145	276	238	43	7	14.2	020	38	19	23	240	64	3 0336
Hampshire	Farnborough	75	10	10		0	0	0	128	334	255	3	6.2	200	19	12	15	210	40	12 1512
	Middle Wallop	94	10	10		0	5	18	226	327	149	0	8.7		25	3	00	190	42	12 1348
West Sussex	Gatwick Airport	69	13	13		0	1	4	116	321	279	0	5.9	020	22	19	21	220	37	1 1906
	Shoreham-by-Sea	21	11	15	1-3 12	18	14	104	183	232	152	31	11.8	200	44	3	02	220	67	3 0306
East Sussex	Herstmonceux	27	10	10		0	10	43	171	212	294	0	8.2	230	32	3	02	230	54	3 0300
7A ENGLAND N W & I O M																				
Cumbria	Carlisle	41	15	9		0	8	38	237	287	158	0	9.3	250	30	12	18	260	55	12 1824
	Eskmeals	24	16	10		0	8	32	328	230	130	0	10.8	220	31	12	16	190	63	12 1618
	Great Dun Fell	857	10	10	Defective record															
	Sellafield	22	10	10		0	9	50	319	265	86	0	11.4	270	33	12	17	180	70	12 1606
Lancashire	Aughton	68	14	10		0	5	14	249	388	69	0	9.3	220	24	12	16	250	46	12 1648
	Fleetwood	34	15	9	Defective record															
	Squires Gate Airport	22	12	11	12	2	13	99	345	219	54	1	13.3	260	35	12	17	180	55	12 1624
Merseyside	Aigburth	38	23	11	Defective record															
Greater Manchester	Manchester Ringway Airport	80	10	10		0	2	6	276	338	98	2	9.3	180	30	12	15	180	48	12 1536
Isle Of Man	Point-of-Ayre	20	10	10	12	4	22	183	385	122	26	0	16.2	190	42	12	15	240	70	12 1548
	Ronaldsway	25	10	10	1 10 12	9	22	190	341	147	33	0	16.3	230	42	12	15	180	79	12 1506

Table 6 Summary of autographic records of wind

November 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values						
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed kn	Day Hour beginning	Veer from N	Speed kn	Day Time
7B WALES N																			
Gwynedd	Trawsfynydd	192	10	10	Defective record														
	Valley	26	16	12	1 10 12	12	15	171	290	161	86	0	14.9	170	46	12 14	150	66	12 1418
8A WALES SOUTH																			
Dyfed	Aberporth	144	10	10	12 24 29	24	23	239	320	127	10	0	18.1	180	45	12 13	230	81	12 1454
	Brawdy	121	10	10	10 12 19	10	17	158	357	175	20	0	15.8	180	43	12 13	200	69	12 1412
	Milford Haven	50	13	10	1 10 12	9	13	110	357	197	47	0	14.4	180	41	12 13	180	67	12 1318
Mid Glamorgan	Cilfynydd	210	16	16		0	6	17	217	254	231	1	8.0	240	24	1 21	230	38	1 1936
South Glamorgan	Rhoose Airport	74	10	10		0	11	101	224	340	55	0	11.6	260	28	12 16	270	54	3 0024
8B ENGLAND S W																			
Avon	Avonmouth	28	19	10		0	11	88	319	233	80	0	12.1	250	33	7 19	240	54	12 1624
	Bristol Weather Centre	55	44	13		0	1	1	160	351	207	1	6.8	260	22	7 16	220	50	12 1636
	Oldbury-on-Severn	19	9			0	1	2	161	336	217	4	6.9	020	22	19 09	020	43	19 0954
Somerset	Hinkley Point	30	10	10		0	8	50	345	262	63	0	11.8	190	32	12 13	190	52	12 1406
	Yeovilton	34	12	10		0	9	43	266	250	156	5	9.8	040	32	19 13	200	52	12 1430
Dorset	Hurn Airport	23	13	11		0	6	14	215	293	198	0	8.1	190	27	12 16	160	47	12 1624
	Portland Bill C G	60	13	13	3	1	18	199	278	212	30	0	15.4	250	36	3 01	240	57	3 0142
Devon	Burrington	211	10	10		0	12	85	350	249	36	0	12.9	190	31	12 12	240	56	12 1530
	Chivenor	16	10	10		0	14	100	322	274	24	0	13.3	260	30	3 00	250	50	12 2330
	Exeter	35	10	10															
Cornwall	Camborne	98	10	10		0	20	189	296	155	80	0	15.3	190	33	12 12	280	62	12 1718
	Culdrose	104	23	20	1-3 10-12 14 19 24 25	30	21	165	338	166	21	0	17.0	280	41	12 14	230	68	12 1430
	Gwennap Head	76	10		1 2 10-14 19 24 25	32	20	209	320	114	33	12	18.3	190	41	12 13	200	77	12 1406
	St Mawgan	120	13	13		0	15	125	341	212	42	0	14.3	180	31	12 14	240	52	12 1454
CHANNEL ISLANDS																			
	Guernsey Airport	116	12	12	3	1	15	187	296	208	28	0	15.0	250	34	3 03	270	55	13 2136
	Jersey Airport	94	12	10		0	16	159	302	231	28	0	14.7	240	32	3 03	250	53	4 0254
NORTHERN IRELAND																			
Londonderry	Ballykelly	12		10															
	Coleraine University	30	10	10		0	1	3	281	298	111	27	9.3	180	23	24 17	180	41	24 2242
Antrim	Aldergrove	80	10	10		0	7	37	327	259	97	0	11.0	150	26	25 03	150	45	25 0212
	Ballypatrick Forest	165	13	13	Defective record														
	Belfast Harbour	21	18	18															
Down	Kilkeel	36	19	14	1 10 12 24	22	21	144	289	145	61	59	14.9	210	39	1 15	290	56	12 1530
	Killough	31	15	15	1 10 12 18 23-25	39	18	174	344	135	25	3	17.6	180	46	12 12	180	65	12 1212
	Long Kesh	47	10	10		0	3	6	265	307	142	0	8.7	300	26	12 15	210	46	24 1536
	Orlock Head	51	16	12	4 12 19	5	24	206	380	114	14	1	17.0	280	37	12 16	260	55	10 2018
Tyrone	Carrigans	129	10	10		0	8	54	310	225	130	1	10.9	170	27	12 10	270	45	7 1400
Fermanagh	Castle Archdale Forest	79	13	13		0	1	1	189	348	153	29	7.9	140	22	24 17	160	44	25 1012

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
	Means of		Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum		Lowest minimum						Most in a day		Precip-itation												
	Max. (A)	Min. (B)			Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
1991 Apr Cassley																	0		0	0	0					0			
Dingwall																	0		0	0	0					0			
Fort Augustus																	0		0	0	0								
Knockanrock																	—												
Tomatin																		0											
Braemar																					0					0	—		
Craibstone																											—		
Perth Aerodrome																	0		0	0	0					0			
Strathallan																	0		0	0	0					0			
Galsgow, Springburn Park											—																		
Orsay											112		18	1	19	15													
Arrochymore											—																		
Stirling (Sewage Works)		—	—														0	0	0	0	0					0			
Clatteringshaws																	0	0	0	0	0					0			
Glenlee																	0	0	0	0	0					0			
Penwhirn		—	—								—																		
Brooksby Hall	11.4	2.9	7.1		19.5	12	-2.2	23	7.8		49		16	29	12	9	0	0	0	0	0	1	8	14		0	4.62		
Merrist Wood	12.9				20.0	12			8.7		70		27	29	11	9	0	0	1	0	0			15		0	4.83		
Slapton																													S
Carmoney															18														
Carnlough											128			29	18	15													
Dungonnell Filters													20																
Lowtown											150		25	12		15													
Parkmore Forest															19	17													
Woodburn North											136	189	24		17	16													
Killough											91		18	11	16	13													
Annaghmore														28															
Tandragee, Ballylisk													12		16	15													
Carrigans											122		16	1	21	16													
Cookstown											104	199			17	14													
Lough Bradan W.wks											167	188				17													
Strabane Glen Road											108																		
1991 Aug Inchmarlo																								—					
Dalry	—	—	—																										
Falkirk											—																		
Stirling (Sewage Works)	—	—	—																										
Cambridge Botanic Garden									18.6																				
National Institue Agricultural Botany																					1								
Carmoney	18.4																												
Coleraine University		12.0							16.2																				
Oldpark Filters		12.0							15.8																				
Greenmount	19.6																										4.96		
Ballywatticock																													
Belfast, Stormont Castle		12.2																											
Helens Bay	20.4																												
Magherally	19.6		15.0																										
Armagh										15.2																			
Loughgall		11.4	15.7																										
Carrigans	19.4																												
Castle Archdale Forest	19.0																												

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THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 1000 U.D.C. 551 506 1 (41-4)

DECEMBER 1991

VOLUME 108 NUMBER 12

Very dry; temperature and sunshine about average

A cold front became slow moving on the 1st over southern Scotland. Early on the 2nd an anticyclone over the Continent began to intensify; the high pressure blocked the eastward movement of further fronts until after the 11th, when pressure began to fall. Meanwhile, weak frontal activity affected northern and western parts of Scotland and northern England. During the 16th a frontal trough crossed mainly southern parts of England and Wales. A succession of fronts moved rapidly across all areas of the United Kingdom, finally clearing eastern England early on the 18th. Later that day a warm front advancing from the west crossed all parts, with the cold front clearing Kent late on the 19th. Later on the 20th a warm front crossed south-west England and South Wales and moved north-eastwards before becoming slow moving from south-west Scotland to Humberside on the 21st. On the 22nd a cold front crossed Scotland, continuing southwards on the 23rd to clear south-east England during the afternoon. All areas then came under the influence of an anticyclone centred to the south-west of the British Isles and drifting slowly eastwards. On the 25th and 26th fronts moving to the north of the centre of the high crossed all areas, clearing southern England by late afternoon on the 26th. On the 27th a further eastward-drifting anticyclone extended its influence to all parts of the United Kingdom. During the 28th the high centre transferred eastwards and a frontal system crossed Scotland, continuing southwards during the 29th. However, pressure again began to rise and the fronts were pushed away to the north-east during the 30th. Early on the 31st, as the anticyclone drifted southwards and began to decline, vigorous fronts moved across all areas, crossing all but the southernmost counties.

Weather

Most parts of the United Kingdom had dry weather during the first two weeks. Over England and parts of southern and central Scotland a combination of very light winds and clear skies overnight produced some severe frosts between the 11th and 16th. The cold weather gave way gradually on the 16th and 17th to mild moist Atlantic air, bringing rain to many places; a thunderstorm was reported at Prestwick, Strathclyde Region and hail showers were reported in south-west England and South Wales on the 20th. Heavy rain on the 21st accompanied by gale force winds washed away bridges, flooded roads and blocked railways, particularly in the areas of Sheffield, Manchester, the Severn Valley and the Welsh Marches; during the next 36 hours occasional rain continued to affect many areas, often accompanied by strong winds. It continued unsettled for the next few days as very disturbed and windy weather with bands of rain advancing from the west alternated with sunshine and showers until the 24th, when settled weather returned to much of the United Kingdom. Many parts became unsettled once more on the 31st.

Wind

The 23rd was a very windy day, with gusts of over 50 kn to 60 kn in places from west Wales to Kent; a squall line brought down power lines in several parts of Shropshire. On the 31st winds were very strong over northern parts of the United Kingdom and several places in northern Scotland recorded gusts over 60 kn: at Butt of Lewis, Western Isles a gust of 96 kn was recorded during the late evening, equalling the record for December set at Stornoway and Benbecula, Western Isles in 1956 and at St Mary's, Isles of Scilly in 1935. Wind directions were mainly variable or easterly until the 12th, then became mainly southerly, becoming mainly westerly from the 18th onwards, before backing once more to southerly at the end of the month.

Temperature

Mean monthly temperatures were generally below normal in southern and eastern areas but above normal elsewhere, ranging from about 1.5 °C above normal in north-west Scotland to 1 °C below normal in East Sussex. On the 11th temperatures stayed at or below freezing throughout the day over much of England and Wales. The highest temperature of the month was 15.6 °C at Elmstone, Kent on the 22nd and the lowest was −13.3 °C at Grendon Underwood, Buckinghamshire on the 12th.

Rainfall

Monthly rainfall amounts were below normal over the United Kingdom as a whole, and much of southern England and South Wales had less than half the normal rainfall amount, with as little as 14% of average falling at Odiham, Hampshire. In contrast, 144% of average rainfall fell at Holme Moss, West Yorkshire.

The provisional rainfall value for England and Wales for the month makes it the driest December since 1988. Northern Ireland had the wettest December since 1986, ending a sequence of five dry Decembers. Rain came to many places during the 16th and 17th, with much of England and Wales having the first significant rainfall of the month. Among heavy falls were 116 mm at Holme Moss, West Yorkshire, 80 mm at Malham Tarn, North Yorkshire, 78 mm at Moel Cynnedd, Powys, 68 mm at Clatteringshaws, Dumfries and Galloway and 67 mm at Slaidburn, Lancashire on the 21st, 62 mm at Widdybank Fell, Co. Durham on the 20th and 58 mm at Loch Bradan, Co. Tyrone on the 18th.

Snow

On the 20th snow fell as far south as Cambridgeshire and sleet was reported in southern Hampshire on the 20th. Further falls of snow were reported, mainly over high ground in Scotland on the 21st, and sleet was reported as far south as the Midlands. Reports of snow falling in the north, especially over the hills, continued up until the 24th.

Sunshine

Monthly sunshine amounts were above average in many eastern areas, but generally dull in northern and western areas, exceeding 140% of average in the London area and around Tyneside, but with less than 40% of the average sunshine in much of the Scottish Highlands.

It was dull in the south for the first few days, then sunny on the 6th over England and Wales. Northern Ireland reported the dullest December, together with December 1981, since 1977. Most sunshine in a day was 7.2 hours at Jersey Airport on the 1st and Rustington, West Sussex on the 6th and the most in the month was 80.8 hours at Jersey, St Helier.

Fog

Fog formed frequently overnight until the 17th. Fog was widespread on the 7th and from the 15th to 17th, and persistent on the 9th, 11th and 16th. Fog was dense for a time on the 10th, 14th and 15th and thick for a while on the 16th. Hill fog occurred in the north on the 2nd and 3rd. Between the 8th and 16th patches were of freezing fog and these failed to clear from some places during the day with temperatures staying below freezing; the Midlands and north were particularly badly affected and on the 11th temperatures stayed at or below the freezing point over much of England and Wales throughout the day.

Miscellaneous Phenomena

None reported.

Table 1 District values

District	Air temperature °C					Mean 30 cm soil temp°C	Rain-days	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max.	Min.	Mean				
			Difference from average					% of average	
0 Scotland N	13.2	−9.6	+1.3	+0.7	+1.0	+0.7	−5	87	59
1 Scotland E	14.2	−8.1	+1.0	−0.3	+0.4	+0.5	−8	67	93
2 England E & NE	15.1	−9.8	+0.7	−0.3	+0.2	+0.2	−9	73	109
3 East Anglia	14.9	−10.2	+0.2	−0.5	−0.2	+0.3	−8	39	109
4 Midland Counties	15.0	−10.1	0.0	−0.4	−0.2	+0.5	−9	49	77
5 England SE & Central S	14.3	−9.2	+0.2	−0.3	−0.1	+0.2	−9	26	121
6 Scotland W	12.8	−10.2	+0.8	+0.6	+0.7	+0.7	−5	109	61
7 England NW & Wales N	14.6	−7.2	+0.5	+0.6	+0.6	+0.9	−8	82	97
8 England SW & Wales S	14.5	−9.2	−0.1	+0.4	−0.1	+0.2	−10	38	80
N Ireland	14.4	−4.6	+1.1	+1.3	+1.2	+1.2	−7	109	72
Scotland	14.2	−10.2	+1.0	+0.3	+0.7	+0.6	−6	90	71
England & Wales	15.1	−10.2	+0.3	−0.1	0.0	+0.4	−9	53	99

* Highest maximum and lowest minimum of District Value Stations

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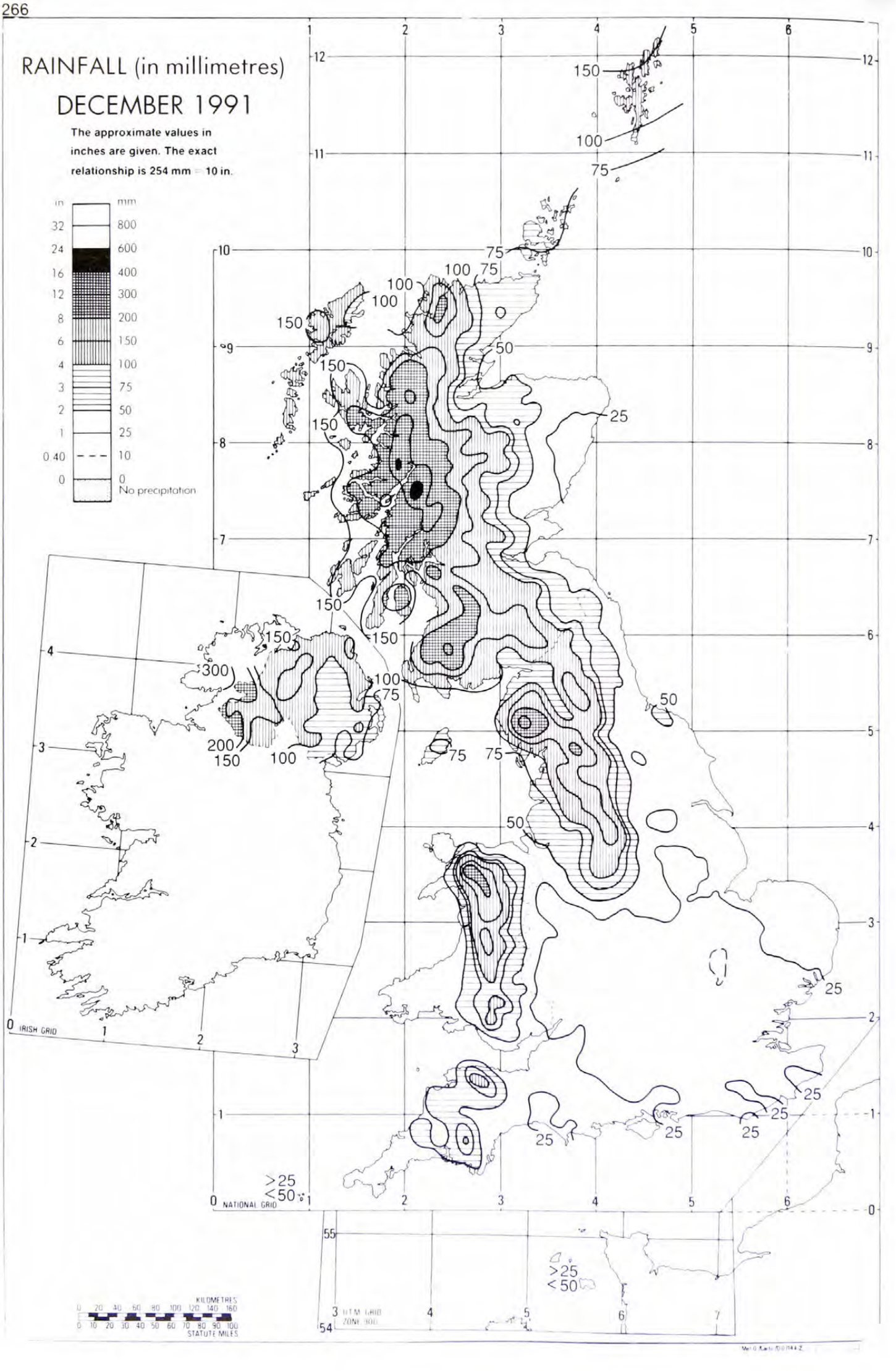
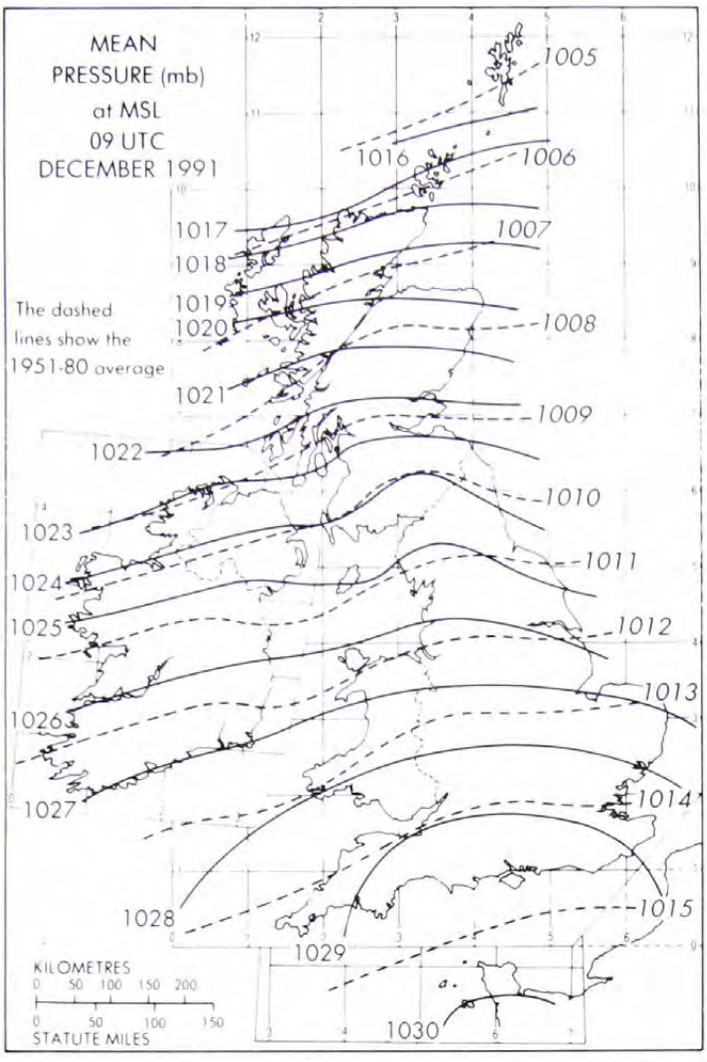
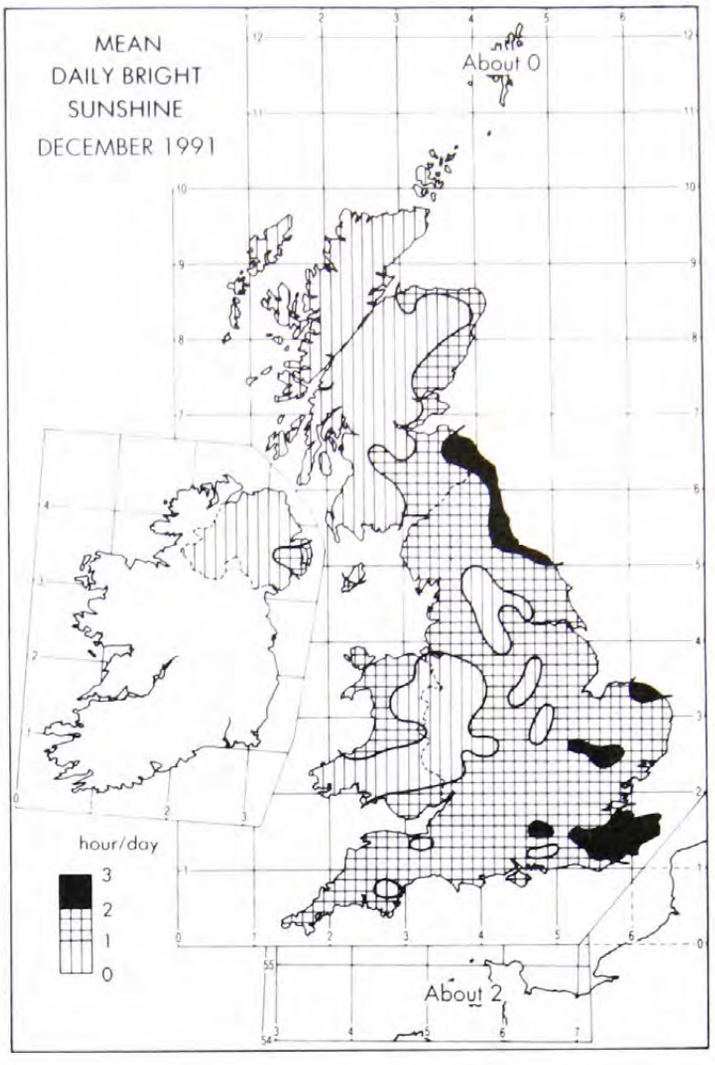
RAINFALL (in millimetres)

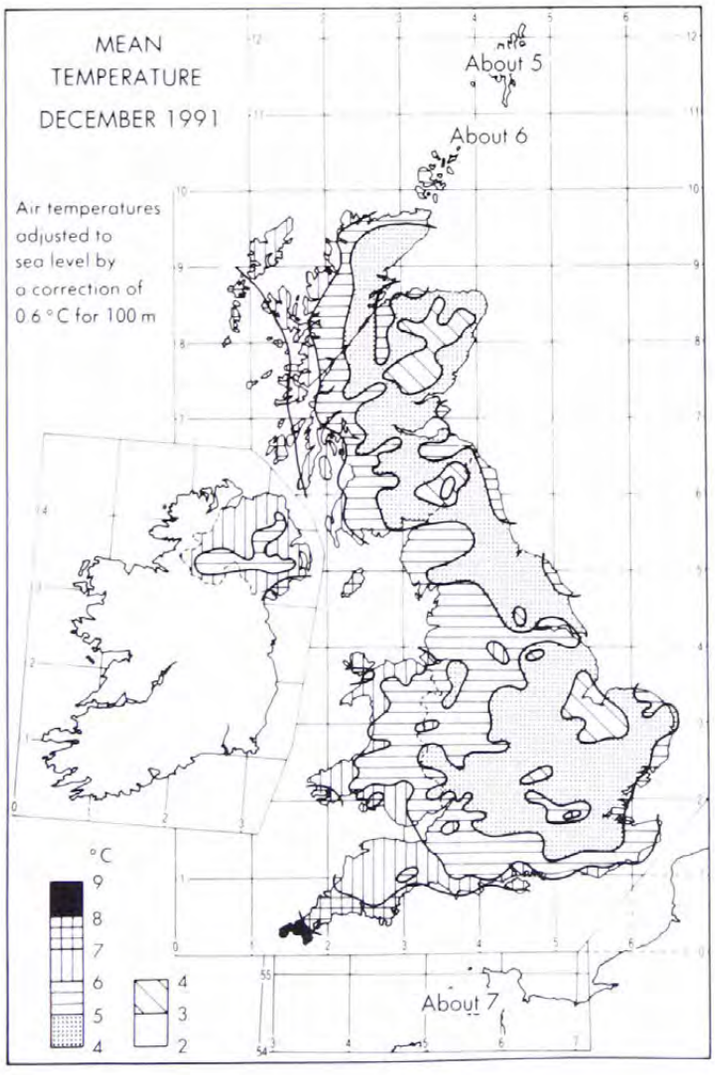
DECEMBER 1991

The approximate values in inches are given. The exact relationship is 254 mm = 10 in.




MEAN
PRESSURE (mb)
at MSL
09 UTC
DECEMBER 1991
The dashed lines show the 1951-80 average
1005
1006
1007
1008
1009
1010
1011
1012
1013
1014
1015
1016
1017
1018
1019
1020
1021
1022
1023
1024
1025
1026
1027
1028
1029
1030
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
DECEMBER 1991
About 0
About 2
hour/day
3
2
1
0


MEAN
TEMPERATURE
DECEMBER 1991
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
About 5
About 6
About 7
°C
9
8
7
6
5
4
4
3
2

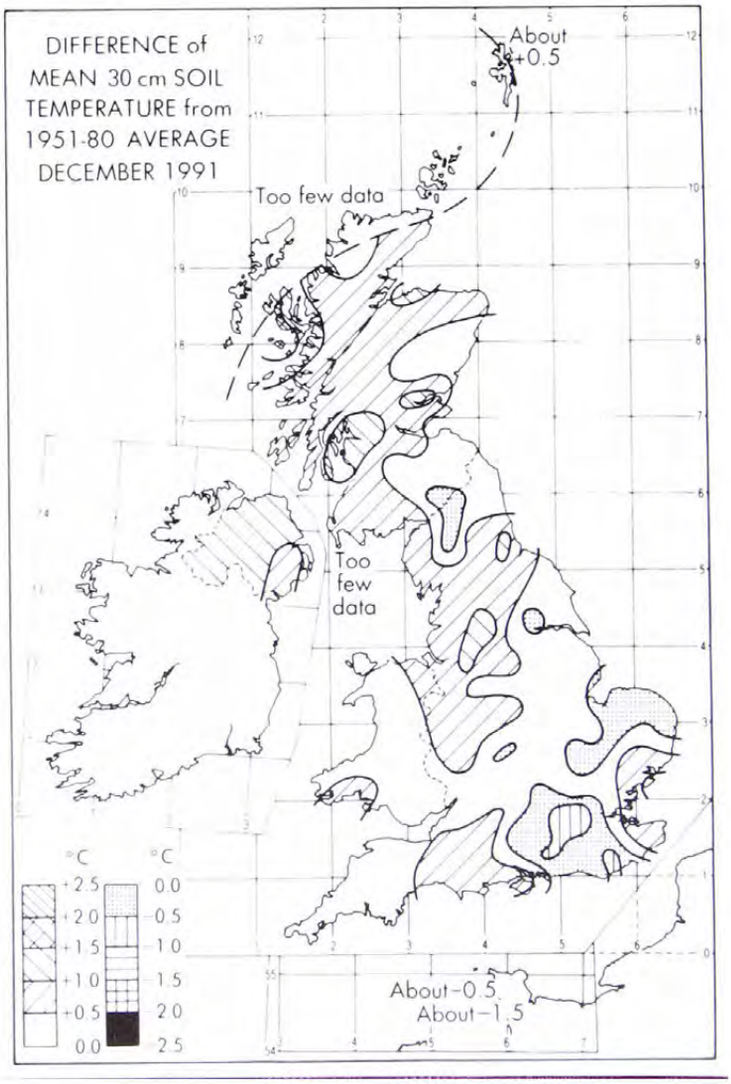

DIFFERENCE of
MEAN 30 cm SOIL
TEMPERATURE from
1951-80 AVERAGE
DECEMBER 1991
About +0.5
Too few data
Too few data
About −0.5
About −1.5
°C
+2.5
+2.0
+1.5
+1.0
+0.5
0.0
°C
0.0
0.5
1.0
1.5
2.0
2.5

Table 2 Solar radiation

December 1991

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick	1.5	1	0.1	15	0.5	31	1.1	1	0.1	15	0.5	31
Stornoway	2.1	1	0.1	8	0.7	31	1.1	1	0.1	8	0.6	31
Aviemore	2.5	6	0.4	17	1.2	31	1.3	3	0.4	17	1.0	31
Aberdeen	2.0	3	0.2	12	1.2	30						
Dunstaffnage	2.5	5	0.2	22	1.1	29						
Shanwell	2.3	3	0.3	12	1.4	31	1.4	4	0.3	12	1.1	31
Auchincruive	2.4	8, 9	0.4	22	1.2	31						
Eskdalemuir	3.0	4	0.2	15	1.3	31	1.9	4	0.2	15	1.0	31
Sunderland Poly												
Hazelrigg	3.1	9	0.2	21	1.3	30	1.9	7	0.2	21	0.9	30
Cawood	3.3	8	0.3	30	1.4	31						
Aughton	3.1	7	0.2	21	1.4	31	1.8	9	0.2	21	1.0	31
Finningley	3.1	8	0.4	4	1.6	31	2.1	24	0.4	4	1.2	31
Sutton Bonington	3.0	8	0.4	4	1.6	31	1.9	7	0.3	3	1.1	31
Hemsby	4.1	12	0.4	3	1.8	31	2.1	7	0.4	3	1.3	31
Denver Complex	3.9	11	0.5	29	1.8	31						
Gogerddan	3.8	11	0.1	21	1.7	31						
Brooms Barn	3.8	14	0.4	30	2.1	31	2.0	7	0.4	30	1.3	31
Aberporth	3.6	6	0.4	3	1.6	31	2.1	7	0.4	3	1.2	31
Wallingford												
London W.C.	3.5	10	0.4	4	2.0	31	2.1	7	0.4	4	1.4	31
Easthampstead	3.8	11	0.5	21	2.1	31	2.3	7	0.5	21	1.4	31
East Malling	3.8	10	0.3	31	2.1	31	2.2	18	0.3	31	1.4	31
Crawley	4.3	10	0.4	31	2.1	31	2.3	7	0.4	31	1.4	31
Rustington	4.1	14	0.3	31	2.0	31						
Elford	4.2	14	0.5	31	2.2	31						
Camborne	4.8	6	0.5	29	2.2	31	2.3	6	0.5	29	1.5	31
Jersey	5.5	6	0.4	2	2.8	31	2.8	7	0.3	2	1.6	31
Aldergrove	3.0	1	0.3	4	1.2	31	1.9	7	0.3	22	1.0	31

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation												
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more / 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
0 SCOTLAND N																												
Shetland																												
Baltasound	24	7.3	2.7	5.0	+1.0	9.8	12,13	-4.1	22	5.5	–	153	–	20	19	25 / 22	8	2	0	0	1	0	4	–	–	9	0.13	46	S
Fair Isle	57	8.0	4.7	6.3	–	10.4	13	-0.4	22	6.5	7.3	72	–	12	18	22 / 15	7	0	2	7	0	0	1	4	–	9	0.35	–	–
Lerwick (A)	82	7.3	2.9	5.1	+1.2	9.9	13	-3.8	22	5.5	–	120	82	14	15	23 / 19	8	1	0	9	2	0	3	11	11	8	0.22	46	–
Sumburgh (A)	7	8.1	4.5	6.3	–	10.3	13	-2.5	22	–	–	–	–	–	–	– / –	5	0	0	9	2	0	2	3	3	14	–	–	–
Orkney																												
Kirkwall Airport (A)	26	7.7	2.8	5.3	+0.9	11.2	13	-2.1	21	5.4	–	79	65	10	21	19 / 18	10	1	4	5	2	0	3	14	11	8	0.45	62	S
Rackwick	18	8.2	3.5	5.9	–	11.1	13	-1.8	21	–	–	68	–	10	21	22 / 16	–	–	–	–	–	–	3	–	–	–	–	–	–
Western Isles																												
Benbecula (A)	5	9.2	4.9	7.1	+1.6	11.5	22	-0.5	1	7.0	–	114	86	16	16	22 / 19	3	0	1	4	0	0	2	4	2	7	0.30	35	–
Scalpay	18	9.4	2.0	5.8	7.1	–	12.0	22	1.4	25	–	–	128	–	15	18	22 / 20	0	0	5	0	1	–	0	6	–	3	–	–	S
Stornoway (A)	15	9.2	4.3	6.7	+1.8	12.0	13	0.0	6	6.1	–	85	68	18	31	22 / 14	5	0	3	2	2	0	0	5	5	4	0.47	58	–
Highland																												
Aviemore (A)	229	6.8	-0.1	3.3	–	10.6	22	-9.5	6	3.4	5.1	81	–	25	17	10 / 9	7	5	0	1	0	0	15	23	21	0	0.70	–	–
Cape Wrath	112	8.0	4.5	6.3	+1.1	10.2	22	0.3	21	–	–	110	91	24	31	24 / 18	1	0	6	1	0	0	0	3	2	18	0.45	(74)	–
Cairngorm Chairlift	663	6.3	0.2	3.3	–	9.3	10	-3.5	20,21	2.8	–	–	–	–	–	– / –	8	6	0	0	0	0	15	–	–	10	–	–	–
Cassley	99	7.6	1.0	4.3	–	11.7	22	-4.6	7	–	–	195	86	40	31	24 / 20	–	0	–	–	–	–	14	–	–	–	–	–	–
Dalcross (A)	11	8.3	1.7	5.0	–	13.0	22	-6.0	7	–	–	45	75	12	17	10 / 6	5	1	0	2	0	1	7	17	–	2	–	–	–
Dalwhinnie	351	6.2	0.0	3.1	–	10.1	21	-5.1	5	3.8	–	(116)	–	–	–	– / –	5	1	0	0	0	0	15	21	–	0	0.90	–	S
Diabaig	60	8.7	4.3	6.5	–	11.0	2,12, 21	0.0	1	–	–	(108)	–	13	18	24 / 17	4	0	0	5	4	–	0	11	–	2	0.47	–	S
Dingwall	7	7.9	0.3	4.1	–	13.2	22	-7.0	7	–	–	75	–	14	17	15 / 7	–	0	–	–	–	–	14	–	–	–	–	–	–
Duartmore Bridge	30	8.5	2.9	5.7	–	11.1	21,22	-3.5	6	–	–	97	–	21	31	24 / 16	0	0	3	2	0	0	7	–	–	6	0.49	–	S
Eilanreach	8	8.9	2.4	5.7	–	11.5	4,18, 22	-5.5	6	–	–	225	–	29	13	22 / 19	1	0	0	0	1	0	6	14	–	1	–	–	–
Fort Augustus	21	7.7	1.4	4.5	+0.8	10.9	13	-5.1	6	4.9	–	128	92	21	31	19 / 15	2	1	0	0	0	0	8	–	–	2	0.66	106	S
Fortrose	5	(8.0)	(2.0)	5.0	–	–	–	–	–	–	–	47	78	13	17	10 / 7	1	0	0	0	0	–	–	–	–	3	–	–	–
Grantown-on-Spey	220	6.4	-1.5	2.5	–	10.9	13,25	-9.6	7	–	–	48	–	11	17	12 / 8	7	3	0	0	0	0	20	29	–	0	0.75	–	–
Inverailort	2	9.5	3.9	6.7	–	12.1	18,22	-2.0	6	–	–	176	–	25	22	20 / 16	1	0	0	4	1	0	3	18	–	8	–	–	–
Inverness	4	8.8	2.8	5.8	+1.5	13.0	22	-2.5	7	–	–	45	75	11	31	11 / 7	2	1	0	0	0	0	3	11	–	0	0.71	74	–
Inverpolly	14	9.0	3.6	6.3	–	12.0	22	-1.8	6	5.9	–	97	–	17	31	22 / 16	1	0	0	1	2	–	3	12	–	1	–	–	S
Isle of Rhum	5	9.5	4.6	7.1	(+1.6)	12.1	21	-1.4	6	7.1	–	222	82	27	25	23 / 21	2	0	0	4	1	0	2	10	–	7	0.17	–	–
Kiltarlity	75	7.7	1.2	4.5	–	11.7	13	-5.5	7	–	–	74	–	15	31	13 / 10	5	2	0	1	0	0	12	23	–	1	–	–	–
Kinbrace	103	–	–	–	–	–	–	–	–	–	–	54	–	13	31	18 / 11	5	6	0	0	0	–	–	–	–	0	0.68	–	–
Kinlochewe	25	9.0	2.7	5.9	(+1.6)	12.9	21	-3.7	7	5.4	–	224	–	40	31	23 / 19	2	1	0	3	1	0	4	18	–	1	0.12	–	S
Knockanrock	244	7.1	2.2	4.7	–	10.0	21,22	-1.3	6, 7	–	–	151	–	18	17	25 / 22	1	1	0	1	2	–	5	21	–	2	–	–	–
Lairg	107	6.9	–	–	–	11.5	13	–	–	3.7	5.5	100	–	16	18	22 / 12	–	3	–	–	–	5	–	25	–	–	0.32	–	S
Lentran	146	7.3	1.8	4.5	–	11.1	22	-4.0	7	5.3	–	59	–	14	31	11 / 9	5	2	0	1	0	0	7	25	–	5	–	–	–
Nairn	8	8.2	1.0	4.6	+0.7	12.5	22	-4.6	7	–	–	40	77	12	17	10 / 9	4	1	0	0	0	0	9	19	–	1	0.85	72	S
Onich	15	8.8	2.3	5.5	+0.9	13.2	22	-3.7	6	–	–	272	114	36	21	19 / 18	–	2	–	–	–	7	6	22	–	–	0.38	66	S
Plockton	12	9.4	3.9	6.7	–	11.8	21,22	-1.4	6	6.0	–	105	–	15	31	20 / 15	2	0	0	3	2	0	1	–	–	5	–	–	–
Poolewe	6	8.9	4.0	6.5	(+1.2)	11.9	22	-0.1	1	–	–	124	68	15	18,31	27 / 16	1	0	0	5	2	0	1	8	–	4	0.18	(24)	S
Tomatin	311	6.8	0.4	3.6	–	10.3	22	-5.2	7	–	–	79	–	19	17	11 / 8	6	0	0	1	0	0	15	–	–	0	–	–	–
Waterstein	92	8.8	4.8	6.8	–	11.2	22	0.4	20	–	–	113	–	18	18	23 / 20	–	–	–	–	–	–	0	–	–	–	–	–	–
Wick (A)	36	7.6	2.0	4.8	+0.7	11.4	13	-2.5	21	5.1	–	51	62	10	21	18 / 11	7	1	1	3	0	0	4	18	13	6	0.68	67	–
1 SCOTLAND E																												
Grampian																												
Aberdeen																												
Dyce Airport (A)	65	7.7	0.3	4.0	+0.6	13.1	22	-5.2	30	–	–	20	25	7	21	9 / 5	3	1	0	0	0	0	13	25	21	0	1.60	110	–
Mannofield	52	7.5	1.4	4.5	+0.8	13.3	22	-2.9	30	–	–	16	22	7	21	8 / 4	1	0	0	0	0	0	8	22	–	0	–	–	–
Aldroughty	30	8.2	1.4	4.8	–	12.0	22	-3.7	6	5.1	–	(47)	–	10	17	12 / 10	2	0	0	0	0	1	11	22	–	0	1.03	–	–
Ballater Field Centre	200	6.5	-1.4	2.5	–	11.0	22	-7.4	7	–	–	33	–	7	21	9 / 7	5	2	0	1	0	–	22	25	–	1	–	–	–
Balmoral	283	6.5	-1.1	2.7	+0.8	10.7	27	-6.5	30	–	–	43	47	9	18	10 / 7	6	4	0	0	0	–	21	27	–	0	–	–	–
Banff Golf Course	15	7.7	1.3	4.5	–	12.1	22	-3.0	7	3.3	–	(31)	–	7	18	16 / 7	3	3	1	1	0	0	11	–	–	1	–	–	S
Braemar	339	6.2	-0.7	2.7	+0.8	10.6	25	-6.6	30	3.5	5.0	51	53	11	31	10 / 8	6	4	0	0	0	0	19	25	–	2	0.91	144	S
Craibstone	102	7.6	1.3	4.5	+0.9	12.6	22	-3.6	30	3.9	5.7	19	24	7	21	9 / 6	4	1	0	0	0	0	8	27	–	0	–	–	–
Culterty	3	6.9	-0.2	3.3	–	12.0	22	-5.4	30	–	–	24	–	8	18	11 / 8	4	0	0	0	0	0	17	26	–	0	0.90	–	S
Durris, Wardend	107	7.6	0.6	4.1	–	13.0	22	-4.2	30	3.6	–	12	–	6	21	9 / 4	3	0	0	0	0	0	15	28	–	1	1.58	–	–
Forehill	40	7.4	1.6	4.5	–	12.2	22	-1.5	21	–	–	30	40	10	18	13 / 9	4	1	0	0	0	1	5	19	–	2	–	–	–
Forres	5	8.5	2.4	5.5	–	12.6	22	-5.8	7	5.4	6.7	45	–	12	17	12 / 10	5	1	0	0	0	0	6	24	–	0	–	–	S
Fyvie Castle	55	7.5	-1.4	3.1	(+0.2)	12.6	22	-6.8	7	–	–	–	–	–	–	– / –	4	2	0	0	0	0	21	27	–	0	–	–	S
Glenlivet	215	7.1	-0.7	3.2	(+0.7)	11.5	22	-8.5	7	3.6	–	52	–	14	17	12 / 8	7	3	0	0	0	1	15	23	23	0	0.97	(86)	S
Inchmarlo	80	7.1	-0.7	3.2	–	12.6	22	-5.8	7	–	–	15	–	6	21	9 / 6	–	–	–	–	–	–	19	28	–	–	–	–	–
Inverurie	54	6.7	-0.8	2.9	–	12.7	22	-5.1	30	–	–	21	–	7	21	8 / 8	4	2	0	0	–	–	20	28	–	–	–	–	–
Keith	106	6.6	-0.9	2.9	–	11.6	22	-8.1	7	–	–	37	–	9	21	15 / 9	7	3	0	0	2	–	16	27	–	5	0.84	–	S
Kinloss (A)	5	8.3	1.7	5.0	+1.1	12.4	22	-4.2	7	5.8	–	48	90	12	17	11 / 10	5	1	0	3	0	0	10	21	13	2	0.99	79	S
Leith Hall	180	7.4	-1.2	3.1	–	11.5	22	-7.5	7	–	–	32	–	8	21	9 / 8	4	2	0	0	0	0	19	25	–	5	–	–	–
Lossiemouth (A)	6	(8.0)	(1.5)	4.7	–	–	–	–	–	–	–	(50)	–	–	–	– / –	–	–	–	–	–	–	–	–	–	–	–	–	–
Rothes	61	7.6	0.3	3.9	–	12.1	22	-5.5	7	–	–	51	–	11	17	11 / 11	5	2	0	0	0	2	15	24	–	0	0.76	–	S
Stonehaven	85	6.7	1.3	4.0	–	11.6	22	-1.7	11	–	–	11	–	5	21	7 / 4	2	0	0	0	0	0	8	–	–	2	1.83	–	S
Tayside																												
Arbroath	29	7.0	2.0	4.5	+0.1	12.8	22	-3.2	11	–	–	23	43	8	21	9 / 7	1	2	0	0	0	0	4	19	–	0	1.70	105	–
Ardtalnaig	130	7.3	1.8	4.5	(+0.7)	11.0	22	-3.3	12	–	–	99	71	17	21	15 / 9	3	2	0	0	0	4	8	15	–	1	0.20	–	S
Dall (Rannoch School)	232	5.8	-0.2	2.8	–	10.3	13	-5.4	11	–	–	115	–	24	22	12 / 12	6	5	0	0	0	4	16	22	–	2	–	–	–
Drummond Castle	113	7.1	0.6	3.9	–	12.0	22	-7.6	11	4.8	–	98	–	20	31	13 / 10	2	2	0	0	0	–	14	23	–	0	0.66	–	S
Dundee	45	7.0	1.5	4.3	+0.4	11.8	22	-5.3	11	4.0	–	38	54	9	22	10 / 8	2	3	0	0	0	3	6	24	–	0	1.41	93	–
Faskally	94	6.0	-0.7	2.7	-0.4	11.3	31	-6.1	11,12	3.6	6.0	77	80	20	17	11 / 7	4	4	0	0	0	2	18	28	–	0	–	–	–
Forfar	91	5.9	-0.2	2.9	–	11.3	22	-7.7	11	–	–	38	–	8	17,21	9 / 7	3	3	0	0	0	0	14	25	–	0	1.28	–	–
Kindrogan	259	5.2	-2.0	1.6	–	10.0	25	-8.2	12	–	–	75	–	20	17	13 / 8	6	4	–	–	–	0	21	28	–	–	–	–	–
Kinross	116	6.7	(0.0)	–	–	11.5	22	–	–	4.3	–	89	–	18	22	15 / 10	–	2	–	–	–	0	–	22	–	–	0.79	–	–
Montrose	55	6.7	1.2	3.9	+0.2	11.7	22	-3.5	11	4.4	–	20	30	6	21	11 / 6	2	2	0	0	0	–	5	25	–	0	–	–	–
Mylnefield (A)	30	7.0	0.9	3.9	+0.3	12.2	22	-7.1	11	5.2	7.5	39	56	9	21	10 / 8	3	3	0	0	0	0	12	25	–	0	1.21	83	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
1 SCOTLAND E - Continued																												
Tayside - Continued																												
Perth Aerodrome (A)	118	6.6	-0.3	3.1	–	11.3	22	-8.4	11	–	–	51	–	11	17	12	7	1	1	–	–	–	–	13	–	–	–	–	–	–
Strathallan	41	7.1	0.5	3.8	–	12.2	22	-7.2	12	–	–	57	–	13	22	12	7	3	3	0	0	0	1	14	–	–	0	–	–	–
Tummel Bridge	161	5.9	-0.6	2.7	–	11.0	31	-6.1	30	–	–	(89)	–	20	18	14	10	4	–	–	–	–	–	17	–	–	–	–	–	–
Whitehillocks	258	6.6	-0.4	3.1	–	11.0	22	-7.0	12	–	–	37	–	15	31	10	6	4	3	0	0	0	0	20	25	–	0	–	–	S
Fife																												
Belliston	82	7.2	1.8	4.5	–	12.1	22	-2.8	11	5.3	–	37	55	11	22	11	6	2	1	0	1	0	0	6	23	–	0	–	–	–
Cupar	42	7.3	1.0	4.1	–	11.5	18	-5.2	11	–	–	41	–	14	22	10	8	2	3	0	0	0	–	12	–	–	1	0.81	–	S
Fife Ness	12	7.7	2.2	4.9	–	12.5	22	-2.0	7,11, 12	–	–	–	–	–	–	–	–	0	0	0	0	0	1	6	15	–	2	–	–	–
Leuchars (A)	10	7.3	0.4	3.9	0.0	13.6	22	-7.0	11	4.5	–	39	62	15	22	10	7	4	1	0	0	0	1	13	21	17	1	1.48	90	–
Lothian																												
Bush House	184	7.2	0.6	3.9	+0.5	12.1	21,22	-7.3	11	4.1	5.9	74	94	16	21	14	8	2	1	0	0	0	–	13	21	–	0	0.92	74	S
Dunbar	23	8.1	1.6	4.9	0.0	13.3	22	-4.4	12	3.9	–	33	67	11	21	10	7	1	0	0	0	0	0	8	–	–	2	1.67	100	–
Edinburgh																												
East Craigs	61	7.7	0.6	4.1	+0.1	12.7	22	-7.9	11	5.2	–	51	88	9	20	12	7	2	1	0	0	0	0	13	21	–	0	1.08	(75)	–
Royal Botanic Garden	26	7.9	1.0	4.5	+0.2	14.2	22	-6.8	11	3.9	–	52	92	10	21	9	7	4	1	0	0	0	0	10	19	–	0	1.28	99	–
Royal Observatory Blackford Hill (A)	134	(7.7)	1.9	4.8	+0.5	12.4	22	-3.4	11	–	–	57	98	11	21	12	8	–	0	–	–	–	–	6	17	–	1	1.38	93	–
Turnhouse Airport (A)	35	7.8	0.3	4.1	+0.1	12.9	22	-8.8	11	4.9	–	53	91	11	21	11	7	4	1	0	0	0	1	12	17	15	0	1.00	76	–
Haddington	41	7.8	0.2	4.0	–	13.2	22	-7.2	11	–	–	37	–	10	22	14	8	2	0	0	0	0	0	11	–	–	0	–	–	–
Livingston	125	6.8	0.8	3.8	–	11.9	22	-7.9	11	3.6	–	89	–	16	18	12	10	2	2	0	0	0	0	10	16	–	0	–	–	–
Nunraw Abbey	197	7.4	1.7	4.5	–	12.6	22	-3.2	10	–	–	44	–	10	22	10	8	2	2	0	0	0	–	8	–	–	3	–	–	–
Penicuik	185	6.3	-0.1	3.1	(-0.1)	11.5	22	-8.1	11	3.8	–	(78)	97	13	18	14	10	3	2	0	0	0	0	14	19	–	1	1.01	(94)	S
Borders																												
Blyth Bridge	253	6.5	0.5	3.5	+0.6	11.3	22	-7.6	11	–	–	101	119	22	21	18	10	5	2	1	0	0	0	12	21	–	0	0.82	72	–
Blythe	262	6.8	0.4	3.6	–	12.6	22	-6.5	12	5.1	–	64	–	15	22	14	9	3	3	–	–	–	–	13	22	–	4	1.95	–	–
Bowhill (Selkirk)	168	6.6	-0.1	3.3	+0.2	13.5	22	-8.1	11	3.7	–	87	102	21	22	13	9	3	2	0	0	3	0	11	20	–	0	–	–	–
Carterhouse	308	5.8	0.1	2.9	–	11.7	22	-6.6	12	3.2	5.0	94	–	25	22	13	8	4	3	1	1	1	1	13	18	19	0	–	–	–
Floors Castle	59	7.1	-0.1	3.5	–	14.5	22	-8.0	11	–	–	61	107	19	22	10	8	2	2	0	1	0	3	13	–	–	0	–	–	–
Galashiels	198	7.0	0.5	3.7	–	13.3	22	-7.9	11	–	–	87	–	22	22	12	9	5	2	1	1	0	1	14	16	–	1	1.47	–	S
Glentress	165	7.2	-0.2	3.5	(+0.3)	13.0	22	-9.0	11	–	–	(94)	116	20	21	10	9	4	1	0	2	0	–	14	–	–	1	–	–	–
Greycrook	76	7.4	–	3.7	–	14.1	22	–	–	4.3	–	59	–	19	22	11	8	3	2	0	0	1	1	–	21	–	0	–	–	–
Kelso	34	7.3	0.0	3.7	–	14.5	22	-7.4	12	4.3	–	58	–	21	22	11	8	3	1	0	1	1	0	13	23	–	0	–	–	S
St Abbs Head	75	8.3	2.7	5.5	–	14.0	22	-2.5	12	–	–	–	–	–	–	–	–	3	0	0	0	0	0	4	11	7	9	–	–	–
West Linton	244	6.6	-0.2	3.2	+0.5	11.3	22	-9.3	11	3.6	5.3	124	133	23	18	20	12	4	2	0	0	0	0	14	20	–	0	–	–	–
6 SCOTLAND W																												
Strathclyde																												
Abington	247	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ardentinny	5	8.4	2.2	5.3	–	13.5	21	-2.5	11	6.0	7.0	278	–	47	22	19	15	4	2	0	4	1	0	9	11	–	2	–	–	–
Aros	37	(9.0)	(3.0)	6.0	–	–	–	–	–	–	–	229	–	–	–	–	–	–	0	2	–	1	–	–	–	–	–	–	–	–
Auchincruive	48	8.2	3.1	5.7	+1.0	12.7	21,22	-3.3	11	6.4	7.8	116	125	29	22	16	13	0	0	4	0	0	0	4	14	–	0	0.69	54	S
Benmore (Younger Botanic Garden)	12	8.1	2.8	5.5	(+1.0)	12.8	21	-3.2	11	5.8	–	260	96	44	21	22	16	4	2	0	5	1	1	5	15	–	1	–	–	–
Black Mount	175	7.2	0.6	3.9	–	11.1	21	-5.9	10	–	–	255	–	50	21	21	17	5	2	0	3	1	0	12	–	–	0	–	–	–
Brodick Castle	15	8.6	3.7	6.1	–	12.5	21	-1.6	11	6.7	–	229	–	38	21	18	18	2	0	4	0	2	1	2	11	–	3	–	–	–
Camps Reservoir	295	6.0	0.0	3.0	(+0.7)	11.5	22	-6.5	11,12	–	–	134	–	35	21	19	14	5	3	0	2	0	–	12	–	–	0	–	–	S
Carnwath	208	6.4	-0.7	2.9	+0.4	11.1	22	-10.2	11	4.1	–	104	130	32	21	14	11	7	3	2	0	1	–	16	21	20	6	–	–	–
Colonsay Hotel	15	8.9	5.2	7.1	–	11.8	22	0.1	20	–	–	(125)	–	27	22	18	16	1	0	5	0	2	0	0	0	–	9	0.45	–	–
Cumnock	99	7.6	2.2	4.9	–	12.4	22	-4.1	11	5.1	–	(165)	–	48	21	17	13	2	1	1	1	0	0	7	10	–	0	–	–	S
Dalry	32	8.6	1.9	5.3	–	14.5	21	-5.6	11	–	–	154	–	30	22	21	19	0	0	0	2	0	–	5	–	–	0	–	–	–
Drumclog	227	6.3	0.8	3.5	–	10.9	22	-6.5	11,12	–	–	201	–	46	21	18	16	5	2	0	2	0	0	11	19	–	3	–	–	–
Dunstaffnage (A)	3	8.7	3.8	6.3	–	12.2	22	-0.4	5	6.2	–	196	–	29	21	19	18	3	0	0	4	1	0	1	10	–	5	0.51	–	S
East Kilbride	178	7.0	1.9	4.5	–	11.6	21	-5.4	11	–	–	178	–	35	22	17	16	2	1	0	1	0	–	5	19	–	0	0.96	–	–
Girvan	8	8.9	4.8	6.9	–	12.3	21	-0.2	6	–	–	155	–	33	22	18	12	0	0	0	2	1	0	1	–	–	2	0.58	–	–
Glasgow Abbotsinch Airport (A)	5	7.8	1.4	4.6	–	12.8	22	-7.6	11	5.3	–	126	117	25	22	15	13	4	1	0	4	1	3	10	15	12	1	0.66	–	–
Springburn Park	107	6.6	1.6	4.1	+0.4	11.4	22	-5.4	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9	–	–	–	–	–	–
Helensburgh	96	7.5	2.0	4.7	–	12.4	21	-4.0	10,11, 12	–	–	–	–	–	–	–	–	2	2	0	0	0	–	6	–	–	1	0.35	–	–
Hunterston	8	9.1	4.4	6.7	+1.1	13.6	22	-3.0	11	–	–	(123)	–	20	20	19	15	3	0	0	3	0	0	1	–	–	0	–	–	–
Inverinan Mor	70	7.6	1.6	4.6	–	11.4	21,22	-2.0	12	–	–	295	–	44	21	21	17	5	2	0	7	2	1	7	–	–	0	–	–	–
Leadhills	388	5.7	-0.3	2.7	–	11.0	22	-7.5	11	–	–	189	–	47	21	21	17	5	3	0	2	0	2	14	20	–	1	–	–	–
Lochgilphead	5	(9.0)	(4.0)	6.5	–	–	–	–	–	–	–	(195)	–	–	–	–	–	0	0	2	0	0	–	–	–	–	0	–	–	–
Lochranza	46	8.7	4.3	6.5	–	12.0	18,22	0.1	6	–	–	180	–	37	21	19	12	–	–	–	–	–	–	0	–	–	–	–	–	–
Machrihanish (A)	10	9.4	4.5	6.9	(+1.1)	12.4	22	-0.4	12	–	–	132	–	28	20	14	12	–	–	–	–	–	–	1	–	–	–	–	–	–
Millport	5	9.0	4.8	6.9	(+1.0)	13.4	22	0.7	11	–	–	131	107	21	20	19	16	1	0	0	3	2	–	0	–	–	2	–	–	–
Motherwell (Strathclyde Park)	24	7.7	1.1	4.4	–	13.0	21	-7.4	12	–	–	(98)	–	21	21	14	12	2	1	0	1	0	–	9	–	–	0	–	–	–
Orsay	23	9.3	5.0	7.1	–	11.4	18,21, 22	1.4	20	–	–	–	–	–	–	–	–	–	0	–	–	–	–	0	1	0	–	–	–	–
Paisley (A)	32	7.8	2.2	5.0	+0.4	12.7	22	-5.9	10	5.9	8.1	136	110	28	22	17	13	2	0	0	2	1	2	6	16	–	0	0.62	67	–
Pollok Country Park	16	7.8	1.1	4.5	–	12.6	22	-7.4	10	–	–	140	–	30	22	18	14	2	1	1	3	2	–	9	–	–	1	–	–	–
Prestwick (A)	16	8.3	2.6	5.5	+0.7	12.6	22	-4.6	11	5.9	–	114	129	28	22	16	13	3	0	0	2	2	0	6	14	11	0	0.82	64	–
Rothesay	43	8.8	4.1	6.5	(+1.2)	11.9	21,22	0.5	12,20	6.5	7.4	161	109	37	22	19	14	1	0	1	2	1	0	0	11	–	5	0.47	–	–
Salsburgh	260	6.0	1.2	3.6	–	10.7	22	-4.0	12	–	–	128	–	32	22	19	12	–	–	–	–	–	–	9	–	–	–	–	–	–
Saughall	221	7.0	1.3	4.1	–	11.5	22	-5.9	11	4.5	6.3	198	–	37	21	19	17	3	1	0	0	2	0	11	18	13	1	1.00	–	–
Tiree (A)	9	9.3	5.5	7.4	+1.3	11.9	22	-0.2	20	7.3	–	116	94	17	21	21	17	3	0	4	3	0	0	1	4	3	7	0.22	24	–
Uplawmoor	128	6.8	1.5	4.1	–	11.8	21,22	-5.7	11	–	–	207	–	50	22	21	18	5	1	0	5	0	0	9	20	–	3	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation														
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc.	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
6 SCOTLAND W - Continued																													
Central																													
Aberfoyle	27	7.8	0.8	4.3	–	12.2	22	-4.6	11,12	–	–	171	–	30	21	17	14	2	1	0	0	0	4	10	20	–	0	–	–	–
Arrochymore	30	(8.0)	(1.5)	4.7	–	–	–	–	–	–	–	187	–	38	21	17	14	–	0	–	–	–	–	–	–	–	–	–	–	S
Balquhidder	136	7.6	1.5	4.5	–	12.3	22	-3.8	10,12	4.9	–	183	–	37	21	17	16	5	2	0	1	0	4	9	20	–	0	–	–	S
Falkirk	3	7.5	1.3	4.4	–	11.9	18	-7.4	11	–	–	88	–	19	18	13	10	–	1	–	–	–	–	10	–	–	–	–	–	–
Grangemouth (BP Refinery)	2	8.1	2.0	5.1	–	12.6	21,22	-6.0	11	–	–	77	–	16	18	14	8	4	1	0	0	0	1	6	–	–	3	–	–	–
Loch Venachar	84	6.9	1.1	4.0	–	11.4	18,22	-2.6	11,30	–	–	163	–	27	17	16	14	4	2	2	0	0	4	11	19	–	3	–	–	–
Mugdock Park	165	6.9	1.6	4.3	–	12.0	21	-4.0	12	–	–	(195)	–	–	–	–	–	2	2	0	0	0	–	9	–	–	0	–	–	–
Parkhead	35	7.3	0.6	3.9	–	11.8	13	-7.4	11	4.1	–	96	–	19	22	14	10	–	2	–	–	–	6	12	–	–	–	–	–	–
Stirling (Sewage Works)	7	7.7	1.0	4.3	–	12.9	22	-6.0	12	–	–	(88)	–	19	21	12	11	–	0	–	–	–	–	11	16	–	–	0.59	–	–
Tyndrum	168	7.1	0.5	3.8	–	11.8	22	-5.5	12	–	–	270	–	56	22	17	15	5	1	0	1	2	–	14	–	–	0	–	–	–
Dumfries & Galloway																													
Auchen Castle	184	5.6	0.2	2.9	–	12.4	21,22	-7.9	11	–	–	177	–	32	22	16	13	3	2	0	1	2	3	13	20	–	0	–	–	–
Bargrennan	110	7.0	2.2	4.6	+0.8	12.0	21	-4.2	11	–	–	(217)	–	–	–	–	–	–	1	–	–	–	–	6	–	–	–	–	–	–
Clatteringshaws	178	7.1	2.4	4.7	–	12.4	21	-5.6	11	–	–	287	128	68	21	21	16	5	2	0	0	2	0	2	–	–	3	0.77	–	S
Corsewall Point	15	9.0	3.8	6.4	–	12.6	22	-0.6	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–
Creebridge	18	8.2	3.2	5.7	–	12.0	21,22	-3.6	11	–	–	(153)	–	30	20	16	15	0	1	0	1	0	–	3	–	–	0	–	–	–
Dumfries	49	7.2	1.4	4.3	+0.2	12.7	21	-6.1	11	5.9	7.5	(93)	89	17	20	13	12	0	1	0	0	0	3	10	15	–	0	0.70	56	S
Dumfries (Drungans)	28	7.4	0.8	4.1	–	13.0	21	-8.2	11	–	–	98	–	16	20	13	13	–	–	–	–	–	–	11	10	–	–	–	–	–
Eskdalemuir (A)	242	5.6	-0.9	2.3	-0.3	12.1	21	-8.5	11,12	5.0	7.0	184	115	32	22	19	13	6	3	2	3	1	3	15	18	18	0	1.21	100	–
Glenlee	55	7.3	1.7	4.5	+0.7	13.2	22	-7.8	11	–	–	222	123	46	21	18	15	–	0	–	–	–	–	10	15	–	–	–	–	–
Glenlochar Barrage	47	7.0	1.7	4.3	+0.4	12.5	21,22	-7.6	11	–	–	125	96	25	20	15	11	2	1	0	0	0	3	8	–	–	0	–	–	–
Penwhirn	166	7.4	2.7	5.1	(+1.2)	11.8	21	-3.0	12	–	–	(173)	107	34	20	19	17	1	1	1	2	0	1	6	9	–	0	–	–	–
Threave	73	6.8	1.8	4.3	+0.4	12.0	21	-7.0	11	5.2	–	116	89	22	18	15	12	2	1	3	0	2	2	8	14	–	0	–	–	–
Whithorn	40	8.5	4.6	6.5	–	11.6	22	0.0	21	–	–	95	–	23	21	14	10	–	0	–	–	–	–	0	7	3	–	0.81	–	–
2 ENGLAND E & N E																													
Northumberland																													
Boulmer (A)	23	8.2	1.6	4.9	–	15.0	22	-4.4	12	5.0	6.6	45	–	15	22	9	7	4	1	0	1	0	1	9	16	15	0	2.41	–	–
Cockle Park	99	7.7	(1.1)	4.4	+0.6	12.5	21,22	-4.2	12	4.3	–	41	67	12	21	9	7	3	2	0	1	0	2	11	(10-9)	–	1	1.89	119	–
Haydon Bridge	82	7.4	0.0	3.7	+0.1	13.7	22	-8.8	11	4.7	–	91	–	22	21	10	7	2	1	0	0	0	2	12	–	–	2	–	–	–
Kielder Castle	201	6.2	-1.7	2.3	-0.2	11.0	22,23	-9.8	11	3.8	–	114	84	31	22	10	9	4	3	0	0	0	8	17	24	–	1	–	–	–
Redesdale	235	6.3	-0.7	2.8	–	10.8	22	-8.0	12	4.3	–	85	–	23	22	11	8	–	3	–	–	–	2	15	23	–	–	1.60	–	–
Tyne & Wear																													
Newcastle Weather Centre (X)	52	8.1	1.9	5.0	–	14.4	22	-5.3	12	–	–	46	–	13	21	9	7	3	–	0	0	0	0	9	–	11	0	–	–	–
South Shields	5	8.5	1.7	5.1	–	14.6	22	-5.5	12	–	–	40	–	10	21	9	8	2	0	0	0	0	1	9	–	–	0	–	–	–
Sunderland Polytechnic	56	–	–	–	–	–	–	–	–	–	–	35	–	11	21	10	7	–	–	–	–	–	–	–	–	–	–	–	–	–
Tynemouth	30	8.0	2.2	5.1	+0.1	14.6	22	-4.9	12	–	–	39	69	13	21	9	7	2	0	0	0	0	0	6	7	–	0	2.07	156	–
Durham																													
Durham	102	7.7	-0.1	3.8	-0.1	15.1	22	-9.0	12	5.8	7.5	45	78	9	21	10	8	–	2	–	–	–	4	14	19	–	–	2.22	153	–
Low Etherley	155	7.1	0.5	3.8	–	14.0	22	-7.5	12	4.2	7.2	53	–	11	22	11	7	5	2	0	0	0	3	14	24	16	3	–	–	–
Widdybank Fell	513	5.3	0.1	2.7	–	10.1	22	-7.0	11	3.4	–	213	–	62	21	18	10	–	3	–	–	–	5	14	24	–	–	–	–	–
Cleveland																													
North Yorkshire																													
Askham Bryan	33	7.1	0.7	3.9	0.0	13.5	22	-7.5	11	–	–	27	47	9	20	10	7	1	0	0	0	0	11	13	17	–	0	0.76	58	S
Cawood	6	7.0	1.1	4.1	+0.1	14.2	21	-8.1	11	4.2	6.3	26	49	7	20	11	6	1	0	0	0	0	8	10	24	–	0	0.91	67	–
Church Fenton	8	6.7	0.8	3.7	–	14.6	22	-8.5	11	–	–	28	–	7	23	9	6	–	–	–	–	–	–	10	–	–	–	–	–	–
Fylingdales	262	5.8	0.2	3.0	–	11.4	21	-9.3	12	–	–	40	–	15	21	10	8	3	–	–	–	–	–	14	–	–	–	–	–	–
Harrogate (Bilton)	66	(7.6)	0.4	4.0	0.0	13.6	22	-10.4	12	–	–	38	53	12	18	10	7	1	0	0	0	0	3	11	15	–	2	0.58	59	–
High Mowthorpe	175	6.6	1.0	3.8	+0.5	12.3	21	-9.1	12	4.4	–	32	43	10	20	8	6	–	1	–	–	–	7	11	17	–	–	–	–	–
Linton-on-Ouse	14	–	–	–	–	–	–	–	–	–	–	19	–	5	20	10	6	–	–	–	–	–	–	–	–	–	–	–	–	–
Leeming (A)	32	7.3	1.0	4.1	(0.0)	13.9	21	-7.2	12	4.6	7.1	31	51	7	19	10	7	2	1	0	1	0	8	11	14	12	3	1.47	–	–
Malham Tarn	381	5.9	1.3	3.6	+1.3	10.0	21,22	-6.6	12	3.8	–	181	–	80	21	13	8	1	2	0	1	0	9	10	18	–	1	(0.78)	–	–
Scarborough	110	7.2	2.0	4.6	–	13.4	22	-7.3	12	4.4	6.0	34	–	13	21	8	6	0	0	0	0	0	6	5	–	–	1	1.83	–	–
Whitby	41	7.6	1.8	4.7	(-0.1)	11.2	17	-5.2	12	4.7	7.1	46	–	16	21	7	7	1	0	0	0	0	0	10	14	–	1	2.25	161	S
Whitby Coastguard	60	(8.2)	(2.0)	5.1	(+0.4)	14.2	22	-5.2	12	–	–	42	–	19	21	7	7	–	–	–	–	–	–	8	12	9	–	–	–	–
Wycliffe Hall	120	(7.4)	(-0.7)	3.3	–	13.9	21	-8.7	12	–	–	55	–	11	23	12	8	1	0	0	0	0	–	17	22	–	0	–	–	–
Wykeham Forest	211	–	–	–	–	–	–	–	–	–	–	41	–	15	21	8	6	–	–	–	–	–	–	–	–	–	–	–	–	–
Humberside																													
Cleethorpes	23	8.3	2.1	5.2	–	14.9	21,22	-7.2	12	–	–	39	–	13	20	6	6	1	0	0	0	0	2	9	–	–	1	1.97	–	–
Hull	2	7.9	2.3	5.1	+0.4	14.6	21	-6.4	12	–	–	36	59	10	20	7	6	0	0	1	0	0	–	9	–	–	0	–	–	S
Lincolnshire																													
Coningsby (A)	6	7.1	0.8	3.9	–	13.8	22	-9.0	12	–	–	28	–	13	20	6	6	2	0	0	1	0	7	12	16	16	1	–	–	–
Covenham	3	–	–	–	–	–	–	–	–	–	–	34	–	12	20	7	6	–	–	–	–	–	–	–	–	–	–	–	–	–
Cranwell (A)	62	7.1	0.9	4.0	0.0	13.4	22	-8.0	12	–	–	22	43	8	20	9	6	–	–	–	–	–	–	12	–	–	–	–	–	–
Driby	41	7.1	1.4	4.3	–	14.0	22	-7.0	12	–	–	34	–	12	20	9	6	–	–	–	–	–	–	11	–	–	–	–	–	–
Kirton	4	6.7	1.2	3.9	–	14.2	21,22	-7.8	12	5.6	7.9	26	–	12	20	8	5	1	0	0	0	0	8	13	17	–	5	1.46	–	–
Lincoln (Canwick)	7	7.8	(1.4)	4.6	–	15.2	21	-6.9	9,10	6.1	8.8	24	–	10	20	7	6	1	0	0	0	0	6	12	16	–	0	–	–	–
Scampton	58	7.4	1.3	4.3	–	14.7	23	-8.4	12	–	–	24	–	11	20	7	6	–	–	–	–	–	–	11	–	–	–	–	–	–
Skegness	5	(7.5)	(2.0)	4.7	(+0.1)	14.1	21	-5.8	12	–	–	29	50	10	20	7	6	–	0	–	–	–	–	9	–	–	–	1.59	101	–
Waddington (A)	68	7.3	1.6	4.5	+0.4	14.3	21	-6.6	12	4.6	6.4	23	43	9	20	6	6	3	1	0	0	0	6	10	15	15	1	1.81	113	–
3 EAST ANGLIA																													
Norfolk																													
Bressingham	30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Coltishall (A)	18	7.6	1.4	4.5	(-0.2)	14.9	22	-6.8	12	–	–	30	51	8	20	8	5	0	0	0	0	0	4	12	14	12	0	–	–	–
Cromer	54	7.4	2.7	5.1	+0.2	14.2	22	-4.4	12	–	–	35	57	9	20	10	5	2	0	0	0	0	3	7	13	–	0	2.35	142	–
Denver	2	6.9	0.4	3.7	–	14.6	22	-9.3	12	5.1	9.3	27	–	8	20	8	6	–	0	–	–	–	6	13	–	–	–	1.72	–	S
Hemsby (A)	13	7.6	1.7	4.7	–	14.7	22	-5.8	12	6.3	7.7	31	–	9	21	8	5	0	0	0	0	0	5	12	16	12	1	1.63	–	–
Hunstanton	15	6.7	1.6	4.1	–	12.2	23	-7.0	12	–	–	31	–	10	20	7	7	0	–	0	0	0	–	11	–	–	0	1.82	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max	Highest maximum Date	Lowest minimum Min.	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Bright sunshine Percentage of 1951-80 average*	Exposure
3 EAST ANGLIA - Continued																														
Norfolk - Continued																														
Marham (A)	21	7.0	0.4	3.7	-0.4	14.4	22	-8.5	13	–	–	29	54	11	20	8	4	1	0	0	0	0	5	13	16	15	1	1.72	–	–
Morley St Botolph	46	6.8	1.0	3.9	–	14.3	22	-7.6	12	4.6	–	34	–	11	20	8	7	0	0	0	0	0	7	13	16	–	0	1.65	–	–
Norwich Weather Centre	15	7.9	2.2	5.1	–	14.8	22	-5.1	12	–	–	32	–	11	20	10	6	1	–	0	0	0	5	12	–	–	0	1.79	–	–
South Raynham	68	6.8	1.2	4.0	–	14.1	22	-7.0	12	–	–	37	–	13	20	9	6	1	0	0	0	0	5	13	14	–	2	–	–	–
Terrington St Clement	2	6.9	1.0	3.9	-0.4	14.5	22	-7.8	13	5.0	–	29	59	10	20	9	5	0	0	0	0	0	4	13	15	–	0	1.55	101	–
Cambridgeshire																														
Boxworth	53	7.0	1.2	4.1	(-0.2)	14.0	21	-8.3	12	–	–	12	–	5	17	10	4	1	0	0	0	0	8	12	15	–	0	1.67	(104)	–
Cambridge Botanic Garden	12	7.5	0.7	4.1	-0.4	14.1	21	-10.0	12	4.6	7.2	13	27	5	17	7	5	1	0	0	0	0	2	13	15	–	0	–	–	–
National Institute of Agricultural Botany	24	7.3	1.2	4.3	-0.3	14.1	21	-8.7	12	–	–	12	25	5	17	7	4	1	0	0	0	0	0	12	14	–	0	1.41	91	–
March	2	(7.4)	(0.9)	4.1	–	14.7	22	-8.9	12	–	–	22	43	6	17	7	5	–	0	–	–	–	–	13	–	–	–	–	–	–
Marholm	21	(7.2)	0.6	3.9	–	14.9	22	-10.6	11	–	–	18	–	7	17	6	5	0	0	0	0	0	–	13	(17)	–	0	–	–	–
Mepal	-2	7.2	0.3	3.7	–	14.8	21	-10.3	12	5.8	10.9	17	–	6	17	9	5	0	0	0	0	0	3	13	19	–	0	1.81	–	–
Monks Wood	39	7.3	0.7	4.0	(-0.3)	14.7	21	-10.2	11	5.0	7.0	15	–	5	17	8	4	0	0	0	1	0	3	13	15	–	0	1.72	–	–
Wittering	73	7.0	1.0	4.0	-0.3	14.6	22	-9.0	12	–	–	19	–	7	20	9	5	–	–	–	–	–	–	11	–	–	–	–	–	–
Wyton (A)	40	7.2	1.2	4.2	-0.3	14.5	21	-7.6	12	–	–	11	21	4	17	7	3	1	0	0	0	0	3	12	16	14	1	2.06	–	S
Suffolk																														
Brooms Barn	75	7.4	1.5	4.5	(+0.2)	13.8	22	-6.8	12	–	–	24	–	7	17	8	6	–	–	–	–	–	–	12	17	–	–	2.41	(151)	–
Cavendish	55	7.0	0.5	3.7	–	13.7	21,22	-9.9	12	5.2	–	16	–	5	17	9	5	1	0	0	0	0	6	13	14	–	0	1.67	–	–
East Bergholt	5	(7.5)	(0.7)	4.1	-0.4	14.2	21	-8.5	12	–	–	16	31	5	17	9	5	0	0	0	0	0	–	12	(19)	–	0	–	–	–
Honington (A)	51	7.2	0.6	3.9	–	14.0	22	-8.7	12	–	–	33	–	11	20	8	6	1	0	0	0	0	6	13	15	15	1	2.01	–	–
Levington	22	7.7	1.9	4.8	–	14.2	21	-6.0	12	5.1	–	22	–	6	17	8	6	0	0	0	0	0	1	12	14	–	0	1.62	–	S
Lowestoft	25	7.5	2.1	4.8	-0.1	14.1	22	-5.0	13	5.2	7.3	28	52	9	20	10	4	0	0	0	0	0	2	10	13	12	1	1.38	95	S
Wattisham (A)	89	7.3	1.1	4.2	+0.2	14.3	21	-8.5	12	–	–	20	38	6	20	11	3	0	0	0	0	0	4	11	14	14	1	1.79	–	–
Westleton	10	8.1	2.0	5.1	–	14.7	22	-6.0	12	–	–	30	–	9	20	11	7	0	0	0	0	0	4	9	13	–	2	–	–	–
Bedfordshire																														
Bedford (A)	85	6.6	0.6	3.6	–	13.9	21	-9.6	12	–	–	13	24	7	17	7	3	–	–	–	–	–	–	13	–	–	–	–	–	–
Woburn	89	7.2	0.2	3.7	-0.6	13.9	21	-10.6	12	5.4	8.2	12	21	5	17	7	4	1	0	0	0	0	3	12	18	–	0	1.22	84	–
Hertfordshire																														
Aldenham School	91	6.9	0.5	3.7	–	13.0	22	-9.9	12	4.7	–	14	–	5	17	8	4	0	0	0	0	0	1	13	20	16	0	–	–	–
Rothamsted	128	6.9	1.0	3.9	-0.1	12.6	22	-9.1	12	5.7	8.1	16	23	6	17	8	3	0	0	0	0	0	3	12	18	–	1	1.94	132	S
Stanstead Abbotts	30	(8.1)	0.2	4.1	–	14.1	22	-10.4	12	–	–	15	–	6	17	8	5	–	0	–	–	–	5	16	–	–	–	–	–	–
Essex																														
Clacton-on-Sea	16	7.8	2.7	5.3	+0.2	13.3	21	-3.8	14	7.2	8.7	25	52	8	17	10	7	0	0	0	0	0	0	5	9	–	0	–	–	–
Halstead	70	7.4	1.2	4.3	–	14.8	22	-7.5	12	5.3	7.7	17	–	6	17	7	5	0	0	0	0	0	4	11	–	–	0	–	–	–
Rettendon	16	7.7	1.3	4.5	–	13.8	22	-7.5	12	–	–	18	–	5	17	8	5	0	0	0	0	0	4	13	17	–	1	1.49	–	–
Shoeburyness Landwick (A)	2	7.9	2.1	5.0	–	13.9	21	-5.8	15	–	–	15	–	4	18	9	4	–	–	–	–	–	–	10	–	–	–	–	–	–
Southend	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Stansted (A)	101	7.4	0.8	4.1	0.0	13.4	21	-9.1	12	5.3	–	19	32	7	17	10	5	1	0	1	0	6	12	16	14	1	–	–	–	–
Writtle	35	7.5	0.4	3.9	-0.8	13.7	22,23	-9.5	12	6.0	–	19	37	6	17	8	5	0	0	0	0	0	4	13	18	–	1	1.22	89	S
4 MIDLAND COUNTIES																														
West Yorkshire																														
Bradford	134	7.4	1.9	4.7	+0.7	12.5	21,22	-6.4	12	5.7	7.9	97	107	20	18	10	7	1	1	0	0	0	4	9	15	–	0	0.45	49	–
Bramham	54	(7.1)	0.8	3.9	-0.1	13.5	22	-8.6	11	–	–	35	–	11	23	10	6	2	0	0	0	0	8	11	17	13	6	1.13	(90)	–
Emley Moor	259	6.8	–	–	–	12.0	21,22	–	–	–	–	91	–	23	19	8	7	2	0	–	–	–	–	–	–	–	–	–	–	–
Holme Moss	520	4.9	1.0	2.9	–	10.2	21	-5.5	12	–	–	282	–	116	21	17	8	4	0	0	3	0	12	11	–	–	8	–	–	–
Leeds Weather Centre (X)	62	8.0	2.7	5.3	–	14.0	22	-5.7	11	–	–	41	–	10	23	9	7	2	–	0	4	0	3	8	–	–	2	1.24	–	–
Wilsden (A)	262	7.0	1.7	4.3	–	12.0	21,22	-7.6	12	–	–	123	–	28	18	13	7	3	1	0	2	0	8	9	15	14	3	–	–	–
South Yorkshire																														
Finningley (A)	10	7.8	1.5	4.7	–	15.3	21	-9.3	12	5.2	–	22	–	8	20	6	6	1	0	0	0	0	5	10	14	12	1	1.39	–	–
Sheffield, Weston Park	131	(7.9)	2.6	5.3	+0.6	(15.0)	22	-6.4	12	5.5	7.4	78	97	19	21	9	7	1	1	0	2	0	–	7	–	–	0	0.92	76	S
Derbyshire																														
Ashover	178	7.2	1.6	4.4	–	13.5	21	-7.7	12	–	–	68	–	21	21	8	6	2	0	0	2	2	6	10	14	–	1	–	–	–
Buxton	307	6.4	1.3	3.9	+0.7	12.1	21	-8.3	12	4.2	5.8	144	100	51	21	9	7	3	1	0	3	1	4	7	11	–	0	1.13	222	S
Wingerworth	116	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Nottinghamshire																														
Clarborough	21	7.3	1.2	4.3	–	14.7	22	-9.5	12	5.1	7.3	28	–	8	20	8	6	–	0	–	–	–	9	12	18	–	–	1.30	–	S
Keyworth	69	7.1	1.4	4.3	–	13.7	21,22, 23	-9.8	12	–	–	35	–	12	17	7	6	2	0	0	0	0	4	9	16	–	0	–	–	–
Southwell	70	7.4	1.6	4.5	–	13.8	21,22	-7.5	12	5.1	7.4	27	–	7	20	9	8	–	–	–	–	–	3	9	14	–	–	0.91	–	S
Sutton Bonington	48	7.3	1.2	4.3	-0.1	14.3	22	-9.9	12	6.1	7.7	29	53	9	20	9	6	1	0	0	0	0	5	12	18	15	0	0.86	64	–
Warsop	46	7.7	0.8	4.3	+0.3	15.0	21	-9.3	12	–	–	24	43	7	19	8	6	1	0	0	0	0	7	13	14	–	0	1.21	88	–
Nottingham W.C. (A)	117	7.1	1.6	4.3	+0.2	13.7	21	-8.0	12	4.7	–	42	63	11	21	10	7	4	0	0	3	0	8	9	13	–	1	1.34	107	–
Wiseton	6	7.2	0.5	3.9	–	15.0	21,22	-9.0	12	–	–	30	–	8	20	6	6	1	0	0	0	0	5	12	–	–	0	1.27	–	–
Staffordshire																														
Cellarhead	228	6.4	1.2	3.8	–	12.9	22	-8.7	12	–	–	102	–	51	21	10	9	2	1	–	–	–	–	9	15	12	–	–	–	–
Keele (A)	179	6.6	1.8	4.2	+0.4	13.2	21	-8.2	12	5.1	7.7	63	85	31	21	9	8	2	0	0	1	0	4	9	13	11	0	0.89	65	–
Penkridge	101	7.5	1.9	4.7	+0.6	13.5	21,23	-7.3	12	5.2	–	21	34	8	21	8	6	0	0	0	0	0	7	9	16	–	1	0.37	–	–
Leicestershire																														
Brooksby Hall	70	7.1	0.2	3.7	–	14.0	21	-11.1	12	5.6	–	23	–	9	17	8	6	0	0	0	0	0	9	14	17	–	0	1.25	–	–
Caldecott	53	6.9	0.5	3.7	-0.2	14.5	21,22	-11.3	12	–	–	24	43	8	17	9	6	1	0	1	0	0	5	12	17	–	0	0.90	66	S
Cottesmore	138	6.8	1.3	4.1	–	13.6	21	-8.5	12	–	–	25	–	8	17	9	5	–	–	–	–	–	–	12	–	–	–	–	–	–
Newtown Linford	119	7.0	0.8	3.9	0.0	13.6	21	-9.7	12	–	–	34	56	12	17	8	7	1	0	0	1	0	4	11	15	–	0	1.46	101	S
Shropshire																														
Edge	126	7.4	1.7	4.5	–	13.5	22	-7.2	12,13	–	–	24	–	5	17	9	8	1	0	0	0	0	5	11	15	–	0	–	–	–
Ludlow College	107	6.9	1.9	4.4	–	14.0	21	-7.8	12	–	–	23	–	6	17	8	6	1	0	0	0	0	10	10	–	–	0	–	–	–
Nethercott	150	7.3	1.5	4.4	–	13.5	21,22	-8.0	11	–	–	23	–	7	17	8	6	1	0	0	1	0	9	11	14	–	1	–	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)									Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation												
		Max. (A)	Min. (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max.	Date	Min.	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
4 MIDLAND COUNTIES - Continued																													
Shropshire - Continued																													
Newcastle-on-Clun	210	6.9	1.4	4.1	—	12.4	21	-9.7	12	—	—	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—	—	—	—
Oswestry School	139	7.6	1.9	4.7	—	13.8	21	-7.4	12	—	—	36	—	6	21	10	9	2	0	0	0	5	11	—	—	4	—	—	—
Pennerley	357	7.3	0.9	4.1	—	11.8	27	-7.7	11	—	—	39	—	10	20	10	7	1	0	0	0	3	8	16	—	3	—	—	—
Preston Montford	67	(7.7)	1.7	4.7	—	13.5	22	-7.5	12	5.3	6.8	20	—	6	19	9	8	0	0	0	0	4	12	16	—	0	0.75	—	—
Shawbury (A)	72	7.3	1.6	4.5	+0.2	13.6	22	-6.9	12	6.1	—	16	27	5	17	8	6	4	0	0	2	0	6	11	13	11	1	0.94	67	S
West Midlands																													
Birmingham Elmdon Airport (A)	98	7.3	0.7	4.0	-0.3	14.1	21,22, 23	-10.6	12	5.8	—	13	20	5	17	9	6	3	0	0	1	0	7	12	12	12	0	1.19	80	—
Winterbourne	140	7.2	1.8	4.5	—	14.0	22	-7.8	12	5.5	7.4	15	—	6	17	8	6	4	0	1	0	0	7	10	15	14	4	1.49	—	—
Halesowen	155	7.3	1.5	4.4	+0.2	13.5	21,22	-8.2	12	5.3	7.7	10	14	4	17	7	3	0	0	0	0	0	5	10	15	13	1	1.08	73	S
Walsall	163	7.0	1.6	4.3	+0.1	13.5	22	-8.0	12	—	—	26	—	7	17	8	7	1	1	0	0	0	—	10	14	—	1	—	—	—
Warwickshire																													
Coventry (Bablake)	93	7.3	1.7	4.5	—	14.5	21,22	-8.5	12	4.9	7.2	16	—	6	17	8	4	2	3	0	0	0	3	11	16	13	1	1.45	—	—
Rugby	117	6.9	1.2	4.1	(0.0)	14.1	21	-9.7	12	4.7	6.8	23	36	8	17	9	5	3	0	0	1	0	—	11	15	15	0	—	—	—
Stratford-upon-Avon	49	7.1	0.4	3.7	-0.6	14.5	21,22	-9.7	13	5.8	—	15	25	6	17	9	5	—	0	—	—	—	6	14	18	—	—	0.92	63	S
Wellesbourne	47	7.0	0.7	3.9	-0.5	14.3	22	-9.4	13	4.8	6.5	14	25	6	17	8	4	1	0	0	0	5	12	16	16	1	1.27	86	—
Northamptonshire																													
Moulton Park	122	6.9	0.9	3.9	—	13.7	21	-10.0	12	5.3	7.6	22	—	6	17	10	6	1	0	0	0	—	12	18	—	0	1.21	—	S
Raunds	59	6.7	0.5	3.6	-0.5	14.4	21	-9.5	12	5.0	8.3	15	26	4	17	10	6	1	0	0	0	4	13	18	—	0	—	—	S
Hereford & Worcester																													
Astwood Bank	139	6.5	1.5	4.0	—	13.6	21	-7.5	12	—	—	13	—	5	17	8	3	1	0	0	0	8	9	16	—	0	—	—	—
Barbourne	25	7.6	1.1	4.3	—	14.6	21	-11.2	11	—	—	13	—	3	15,19	6	4	0	0	0	0	6	12	15	—	3	—	—	—
Batchley Farm	247	6.1	1.3	3.7	—	12.5	21	-7.9	12	6.0	—	16	—	3	16,17, 20	8	6	1	0	0	0	—	9	15	—	1	—	—	—
Great Malvern	44	7.2	1.9	4.5	—	14.3	21	-6.9	11	—	—	17	—	4	15,17	8	6	1	—	—	—	—	10	—	—	—	—	—	—
Lyonshall	155	6.4	1.6	4.0	-0.3	13.8	21	-8.8	12	—	—	33	37	10	20	7	6	—	—	—	—	—	9	18	—	—	—	—	—
Madley	77	7.1	1.4	4.3	—	14.2	19,22	-6.6	12,13	—	—	19	—	5	17	7	6	0	0	1	0	0	9	13	13	—	1	—	—	S
Malvern	62	7.4	2.2	4.8	-0.3	14.2	21	-6.9	12	6.0	8.6	17	26	4	17	9	5	1	1	0	0	0	5	10	15	—	1	0.98	66	S
Pershore College of Hort.	40	7.4	1.6	4.5	-0.3	14.5	21,22	-7.5	13	—	—	12	20	4	17	6	4	0	0	0	0	0	7	12	16	—	1	—	—	S
Preston Wynne	84	6.9	1.0	3.9	-0.5	14.1	23	-7.5	8	—	—	17	27	5	17	8	5	0	0	0	0	0	6	13	16	—	0	0.88	58	S
Ross on Wye	67	7.1	1.8	4.5	-0.6	14.5	21	-6.5	12	6.1	—	11	15	3	17	7	4	0	0	0	0	0	7	9	15	—	2	0.60	38	S
Gloucestershire																													
Cheltenham	65	7.3	1.1	4.2	-0.7	14.9	22	-10.1	11	—	8.8	19	26	5	17	7	5	1	0	0	0	3	10	—	—	5	1.50	102	—
Cirencester	135	(6.7)	(1.1)	3.9	—	12.0	22,23	-10.6	12	5.4	—	22	—	8	17	8	5	0	0	0	0	0	—	12	20	—	1	—	—	—
Didbrook Fields	80	7.2	0.6	3.9	—	14.0	21,22	-9.0	12,13	—	—	11	—	5	17	8	3	0	0	0	0	0	4	12	—	—	0	—	—	—
Randwick	200	6.6	1.3	3.9	—	13.1	21	-9.7	12	5.5	—	17	—	4	15	8	4	0	0	0	0	0	—	10	20	—	0	—	—	—
Slimbridge	5	7.2	1.4	4.3	—	14.1	21	-7.2	12,13	—	—	21	—	7	17	7	6	1	0	0	0	0	6	10	15	—	1	—	—	—
Westonbirt	122	6.6	0.8	3.7	—	12.3	22	-10.5	12	5.3	7.7	27	—	9	17	9	6	1	0	0	0	0	—	13	(17)	—	5	1.56	—	S
Oxfordshire																													
Benson (A)	67	7.4	0.8	4.1	—	12.9	19	-8.5	12	—	—	11	18	4	17	6	4	—	—	—	—	—	—	15	—	—	—	—	—	S
Brize Norton (A)	81	7.0	1.3	4.1	-0.4	13.0	22	-10.0	12	5.4	—	19	—	6	17	7	6	0	0	0	0	1	0	4	10	14	12	0	1.86	—	—
Oxford (A)	63	7.0	1.6	4.3	-0.6	13.0	22	-9.7	12	5.1	7.4	16	24	6	17	8	4	0	0	0	0	0	6	11	18	(16)	2	1.88	114	—
Shirburn (Model Farm)	108	7.6	1.3	4.5	—	12.7	22	-8.4	12	4.9	7.1	13	—	5	17	8	5	0	0	0	0	0	1	12	17	—	1	—	—	—
Wallingford	48	7.7	0.4	4.1	(-0.4)	13.4	22	-10.5	12,13	5.4	7.8	11	—	4	17	7	4	0	0	0	0	0	—	15	17	—	0	1.60	(132)	S
Buckinghamshire																													
Grendon Underwood	67	7.5	-0.7	3.4	-0.5	13.6	21	-13.3	12	5.3	—	11	19	5	18	5	3	—	0	—	—	—	11	15	19	—	—	—	—	—
5 ENGLAND S E & CENTRAL S.																													
Greater London																													
Greenwich	7	8.4	1.3	4.9	(-0.6)	14.0	22	-8.9	13	—	—	15	28	5	17	7	5	0	0	0	0	0	2	13	16	—	0	1.55	148	—
Hampstead	137	7.5	2.5	5.0	+0.4	12.6	23	-5.3	12	—	—	16	—	5	17	7	5	0	0	0	0	0	1	6	18	—	1	—	—	—
Heathrow Airport (A)	25	8.3	1.7	5.0	-0.1	13.9	22	-8.0	12	—	—	12	22	6	17	8	4	0	0	0	1	0	1	12	16	16	0	1.96	138	—
Kew Royal Botanic Gardens	6	8.1	0.9	4.5	—	13.5	21	-8.6	12	4.7	7.2	17	31	7	17	7	6	0	0	0	0	0	1	14	16	16	0	1.87	—	S
London Weather Centre (A) (X)	77	9.0	4.0	6.5	—	13.8	23	-2.1	12	—	—	18	—	5	24	8	7	0	—	0	1	0	1	4	—	—	1	2.04	—	—
Northolt	34	—	—	—	—	—	—	—	—	—	—	17	—	6	17	6	6	—	—	—	—	—	—	—	—	—	—	—	—	—
Northwood	85	7.6	1.3	4.5	—	13.2	22	-8.1	12	—	—	16	—	5	17	8	6	0	0	0	0	0	1	13	—	—	0	—	—	—
St James's Park	9	8.5	3.2	5.9	0.0	13.9	23	-4.8	12	6.2	8.8	13	24	7	17	5	4	—	0	—	—	—	—	8	19	—	—	—	—	—
Waltham Cross	32	7.8	0.9	4.3	—	14.0	21	-9.1	12	5.0	—	17	—	6	17	9	4	—	0	—	—	—	—	13	18	—	—	1.36	—	S
Wiltshire																													
Boscombe Down (A)	126	7.3	1.9	4.6	0.0	13.7	22	-8.7	13	—	—	16	20	6	17	8	4	—	—	—	—	—	—	12	—	—	—	—	—	—
Lacock	49	(7.4)	(0.8)	4.1	-0.6	14.5	23	-10.0	12	—	—	21	28	5	16	7	6	0	0	0	0	0	—	15	17	—	0	—	—	—
Larkhill	132	7.3	1.6	4.5	0.0	13.1	22	-9.3	13	—	—	19	—	6	17	8	5	—	—	—	—	—	—	11	—	—	—	—	—	—
Lyneham (A)	145	6.9	1.3	4.1	-0.3	12.4	22	-9.2	12	—	—	21	28	5	15	8	6	0	0	0	1	0	5	11	14	12	2	1.70	105	—
Marlborough	129	7.8	0.5	4.1	-0.2	12.9	22,23	-10.6	12	5.8	—	19	22	5	17	7	6	0	0	0	0	0	3	14	—	—	2	1.78	(128)	S
Netheravon	129	7.1	0.9	4.0	—	12.5	22	-8.9	12,13	—	—	15	—	5	17	7	4	—	—	—	—	—	—	12	—	—	—	—	—	—
Berkshire																													
Arborfield	49	7.3	0.2	3.7	—	13.1	21	-10.5	12	—	—	14	—	5	17	7	5	0	0	0	0	0	9	16	17	—	0	1.40	—	—
Easthampstead	74	7.7	0.2	3.9	—	13.0	21	-10.8	12	4.7	6.9	12	—	6	17	5	5	0	0	0	0	0	2	14	19	17	0	1.93	—	—
Hurley	43	7.2	0.7	3.9	-0.7	13.0	21,22	-10.0	12	4.7	—	15	22	6	17	8	5	0	0	0	0	0	5	14	16	—	1	1.15	91	S
Lambourn (Warren Farm)	192	—	0.8	—	—	—	—	-7.5	12,13	5.5	—	15	—	4	17	8	4	—	0	—	—	—	—	11	—	—	—	—	—	—
Reading	66	7.6	1.5	4.5	—	13.0	21	-8.9	12	5.5	7.7	12	—	4	17	7	5	0	0	0	0	0	5	12	18	17	0	1.73	—	S
Surrey																													
Merrist Wood	45	7.6	-0.3	3.7	—	13.4	21	-11.1	11	4.3	—	12	—	7	17	5	4	0	0	0	0	0	—	13	20	—	0	1.23	—	S
Mickleham	55	7.9	-0.2	3.9	-0.4	13.5	21,22	-9.0	11	5.2	7.7	13	17	6	17	6	4	—	0	—	—	—	0	16	17	18	—	—	—	—
Wisley	32	8.1	—	—	—	13.5	21,22	—	—	4.7	7.3	10	16	5	17	6	4	0	0	0	0	0	8	—	17	—	0	1.21	97	—

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precip-itation												
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
5 ENGLAND S E & CENTRAL S. - Continued																												
Kent																												
Anvil Green	139	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Charing	91	8.0	1.7	4.9	–	14.0	22	-5.3	11	–	–	25	–	7	18	7	4	0	–	0	0	0	5	10	18	–	0	–	–	–
East Malling (A)	33	8.1	1.3	4.7	-0.2	14.2	22	-8.0	11	5.3	7.5	20	31	7	17	9	5	–	0	2	–	4	13	17	16	–	1.96	133	–
Edenbridge	45	7.7	-0.3	3.7	–	13.8	21	-10.0	11	–	–	19	–	5	15	7	6	–	–	–	–	–	16	–	–	–	–	–	S
Elmstone	5	8.8	0.6	4.7	–	15.6	22	-9.6	11	–	–	20	–	6	18	6	5	0	0	0	0	1	13	–	–	0	–	–	–
Folkestone	31	8.6	2.5	5.5	–	14.5	22	-3.9	14	–	8.2	36	–	13	16	7	5	0	0	0	0	0	0	10	12	–	1	2.40	138	–
Goudhurst	85	7.7	0.9	4.3	0.0	13.6	22	-8.9	11	–	–	22	25	6	15,16	8	6	0	0	0	0	0	1	13	17	–	0	–	–	–
Hadlow College	27	7.9	0.4	4.1	–	14.0	22	-8.6	11	5.3	–	20	–	6	15	9	6	0	0	0	0	0	1	13	–	–	0	0.99	–	S
Herne Bay	27	8.2	2.8	5.5	–	14.3	21	-4.4	11	6.2	8.8	19	–	6	18	7	5	0	0	0	0	0	0	6	16	12	1	2.45	–	–
Manston (A)	44	8.2	2.4	5.3	+ 0.2	14.3	22	-3.5	7,11	5.9	–	18	34	5	18	8	6	0	0	0	0	0	0	8	13	12	0	1.95	–	–
Margate, North Down	40	(8.5)	3.2	5.9	–	14.6	22	-2.4	11	5.9	8.1	20	–	6	17	8	4	0	0	0	0	0	0	3	14	–	4	–	–	–
Ulcombe	47	–	–	–	–	–	–	–	–	–	–	19	–	5	15	7	4	–	–	–	–	–	–	–	–	–	–	–	–	S
Wye	56	7.9	1.5	4.7	-0.1	14.2	22	-6.0	11	6.1	7.7	26	35	7	18	8	5	0	0	0	0	0	3	12	20	–	0	1.98	129	–
Hampshire																												
Alice Holt Lodge	115	7.4	0.1	3.7	-0.7	12.9	21	-8.9	11	–	–	15	17	4	17	7	5	0	0	0	0	0	2	15	19	–	0	1.99	135	–
Butser, Windmill Hill	160	8.2	1.7	4.9	–	12.4	21,22	-5.4	11	5.3	7.4	32	–	10	15	7	5	0	0	0	0	0	0	11	19	–	0	–	–	–
Everton	16	(8.9)	2.8	5.9	+ 0.1	14.1	22	-4.9	11	–	–	33	40	11	16	7	5	0	0	0	0	0	0	8	15	–	0	1.65	93	S
Hayling Island	4	8.5	(3.5)	6.0	-0.1	13.6	21	-2.6	11	–	–	20	27	7	16	7	4	0	0	0	0	0	1	3	–	–	0	1.77	93	–
Kingsclere, Strattons Farm	102	6.7	0.2	3.5	–	12.2	21,22	-10.2	12	–	–	16	–	5	17	8	6	0	0	0	0	0	3	13	18	–	2	–	–	–
Leckford	117	7.5	1.3	4.4	-0.1	13.2	22	-7.4	13	5.6	–	16	19	6	17	6	5	0	0	0	0	0	1	12	–	–	0	1.70	107	–
Long Sutton	145	7.4	1.0	4.2	(-0.1)	12.5	21	-7.6	14	5.2	8.0	15	19	4	17	8	5	0	0	0	0	0	0	11	17	15	0	2.19	143	–
Martyr Worthy	84	7.9	1.1	4.5	(-0.1)	13.5	22	-7.5	14	–	–	18	–	7	17	7	5	0	0	0	0	0	3	13	17	–	0	–	–	–
Middle Wallop	90	7.6	1.8	4.7	–	13.7	22	-7.4	12	–	–	17	–	6	17	8	4	–	–	–	–	–	–	12	–	–	–	–	–	–
Odiham	118	7.4	0.9	4.1	–	12.9	21	-8.0	12	–	–	10	–	3	17	8	3	–	0	–	–	–	–	12	–	–	–	2.08	–	–
Otterbourne	34	8.7	1.5	5.1	–	14.5	22	-6.3	12	5.7	7.8	21	–	6	17	7	4	–	0	–	–	–	–	14	17	–	–	–	–	–
Solent M R S C	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Southampton																														
Mayflower Park	3	8.9	2.7	5.8	–	14.0	22	-4.6	14	7.4	9.6	28	–	11	15	7	4	–	0	–	–	–	0	7	15	15	–	1.44	–	–
Weather Centre (X)	19	9.1	2.8	5.9	–	14.8	22	-4.3	14	–	–	31	–	11	15	6	4	0	–	0	1	0	0	5	–	8	0	–	–	–
South Farnborough	69	7.8	–	–	–	13.2	22	–	–	–	–	13	–	7	17	7	4	–	–	–	–	–	–	–	–	–	–	–	–	–
Southsea	2	8.8	4.3	6.5	+ 0.1	13.6	22	-1.9	12	7.6	9.3	20	26	7	15	5	4	0	0	0	0	0	0	3	11	–	0	1.67	93	–
Sparsholt	113	(8.0)	(1.8)	4.9	–	13.1	22	-6.5	13	–	–	17	19	7	17	8	4	0	0	0	0	–	10	15	–	0	(1.79)	–	S
Isle of Wight																												
Ryde	4	8.9	4.5	6.7	+ 0.1	13.8	22	-0.1	11	–	–	26	29	10	16	8	4	0	0	0	0	0	0	1	–	–	1	1.72	101	–
St Catherines Point	16	9.1	5.5	7.3	–	11.6	1,23	0.2	12	–	–	37	45	19	16	8	4	0	–	1	0	0	0	0	–	–	4	–	–	–
Sandown	4	9.2	–	–	–	13.4	21,22	–	–	–	–	33	–	9	16	7	6	0	0	0	0	0	0	–	–	–	1	1.55	81	–
Shanklin	55	8.6	4.0	6.3	+ 0.1	12.4	22	-1.7	13	–	–	42	42	18	16	7	5	0	0	0	0	0	1	3	–	–	2	1.75	90	–
Ventnor Park	135	8.9	4.9	6.9	+ 0.4	12.5	22	0.6	11	7.1	–	53	55	26	16	7	6	0	0	0	0	0	0	0	–	–	1	1.98	101	–
Wellow	25	8.6	2.7	5.7	–	13.2	22	-4.4	11	–	–	37	–	13	16	8	6	0	–	0	0	0	3	7	–	–	1	–	–	–
West Sussex																												
Bognor Regis	7	8.3	3.6	5.9	0.0	13.5	21	-3.0	11	–	9.0	25	33	9	16	7	4	0	0	0	0	0	0	5	11	–	0	1.94	99	–
Gatwick Airport (A)	59	7.9	0.0	3.9	-0.5	13.6	22	-7.6	15	5.7	–	21	26	8	17	6	5	0	0	0	0	1	16	16	–	0	1.95	131	–
Rogate	64	7.9	1.2	4.5	–	14.5	22	-7.0	11	5.6	–	26	–	10	15	7	4	0	0	0	0	1	11	17	–	0	0.74	–	S
Rustington	3	8.5	2.2	5.3	–	13.7	21	-4.3	14	–	8.5	24	–	7	16	7	4	0	0	0	0	0	0	11	17	–	0	1.92	–	S
Worthing	2	8.7	2.4	5.5	–	13.4	21,22	-4.1	11	6.4	–	24	–	8	15	6	4	0	0	0	0	0	0	9	15	–	0	1.85	95	–
East Sussex																												
Bexhill	4	–	3.5	–	–	–	–	-2.4	14	5.7	8.9	23	29	6	16	8	5	0	0	0	0	0	2	5	15	–	0	(0.96)	55	–
Brede	82	8.2	2.3	5.3	–	13.5	22	-4.6	11	–	–	24	–	8	16	8	5	0	0	0	0	0	0	7	12	–	1	–	–	–
Brighton	116	8.2	3.4	5.8	–	13.1	21	-4.3	11	–	–	22	–	7	15	7	5	0	0	0	0	0	0	3	12	–	0	–	–	–
Eastbourne	7	8.8	4.3	6.5	+ 0.2	12.5	21,22	-0.6	12,14	6.6	9.1	28	33	10	16	8	5	0	0	0	0	0	0	2	8	–	6	1.79	99	–
East Hoathly	38	–	0.9	–	–	–	–	-5.9	11	–	–	23	–	8	16	7	5	0	0	–	–	–	–	15	18	17	–	–	–	–
Hastings	45	8.5	4.1	6.3	+ 0.5	13.5	21	-1.2	11	6.4	8.5	26	34	9	16	7	5	0	0	0	0	0	0	2	12	8	1	2.33	130	–
Herstmonceux (A)	17	8.2	1.9	5.1	–	13.3	21	-5.3	11	–	–	21	–	6	16	9	5	0	0	0	0	0	0	11	14	14	2	2.19	–	–
Plumpton	76	8.2	2.1	5.1	–	14.3	22	-6.2	11	–	–	24	22	8	15	6	5	0	0	0	0	0	2	10	15	–	0	1.44	–	S
7A ENGLAND NW & I.o.M.																												
Cumbria																												
Aspatria	61	7.4	1.9	4.7	–	11.8	22	-6.4	11,12	–	–	88	–	20	22	14	11	1	1	0	0	0	1	8	12	–	3	1.12	–	S
Carlisle (A)	26	–	1.3	–	–	–	–	-6.3	12	–	–	83	90	23	22	9	7	–	–	–	–	–	–	12	–	–	–	–	–	–
Casterton	129	7.2	1.5	4.3	–	11.2	22	-6.4	12	–	–	135	–	36	18	15	11	1	1	0	2	0	1	12	19	–	0	–	–	–
Eskmeals (A)	8	8.6	3.3	5.9	–	11.1	21,22	-4.5	11	6.1	8.3	95	–	26	17	15	10	–	–	–	–	–	–	6	13	11	–	–	–	–
Grizedale	91	(7.4)	(1.0)	4.2	–	12.0	21	-7.2	12	(5.6)	–	239	132	60	21	16	13	1	0	0	0	0	–	14	16	–	0	–	–	–
Newton Rigg	171	7.4	1.0	4.2	+ 0.7	12.8	22	-6.9	12	3.7	–	109	117	34	18	11	9	1	2	1	0	0	1	12	25	–	2	1.41	118	S
Sellafield (A)	22	8.7	2.9	5.8	–	11.4	22	-4.5	12	–	–	94	–	23	20	14	11	–	0	–	–	–	0	7	13	–	–	1.43	–	S
Stainburn	26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whins Pond	125	–	–	–	–	–	–	–	–	–	–	72	–	19	18	10	7	–	–	–	–	–	–	–	–	–	–	–	–	S
Lancashire																												
Aughton (A)	54	7.6	3.3	5.5	–	12.5	22	-4.3	12	5.8	7.5	52	–	18	20	8	7	0	0	0	3	0	2	8	11	7	0	1.24	–	–
Hazelrigg	95	7.7	2.6	5.1	–	15.0	23	-5.5	12	5.4	7.5	94	–	26	20	12	8	0	0	0	4	1	1	6	18	16	3	1.70	–	–
Lathom Park	55	7.7	2.9	5.3	–	12.8	21	-4.6	11	5.9	–	66	–	18	20	7	7	0	0	1	0	0	–	6	–	–	8	1.21	–	S
Morecambe	7	7.3	3.0	5.1	+ 0.2	11.2	22	-4.5	12	–	–	103	101	29	20	13	8	1	0	0	1	0	0	7	–	–	2	1.44	113	S
Myerscough	14	8.5	3.0	5.7	–	13.4	22	-4.0	12	5.8	7.9	93	–	21	20	10	9	1	0	0	0	0	–	4	12	–	0	1.17	–	S
Preston	33	7.9	2.9	5.4	+ 0.7	13.0	22	-4.6	12	–	–	92	90	24	20	11	8	0	0	0	2	0	1	7	–	–	0	–	–	–
Slaidburn	192	7.0	2.3	4.7	+ 1.2	12.0	22	-4.0	8	–	–	186	106	67	21	12	8	–	0	–	–	–	–	7	16	–	–	0.99	88	–
Squires Gate Airport (A)	10	7.6	2.7	5.1	+ 0.3	12.1	22	-6.5	11	–	–	66	76	18	20	9	8	0	0	1	0	1	0	8	10	9	0	1.31	93	–
Merseyside																												
Aigburth (A)	12	8.2	3.5	5.9	–	14.3	21	-4.7	11	–	–	56	–	21	20	9	7	1	0	1	4	0	5	6	11	11	6	–	–	–
Bidston	60	8.1	4.0	6.1	–	14.4	22	-4.9	12	–	–	46	66	20	20	10	6	0	0	0	4	0	2	5	9	–	0	1.45	–	S
Crosby	6	7.8	3.3	5.5	–	12.0	22	-7.0	11	–	–	52	–	17	20	8	7	0	–	1	0	0	–	7	–	–	6	–	–	–
Southport, Greenbank	15	7.7	3.4	5.5	–	11.8	18	-3.9	12	5.5	6.6	62	–	18	20	9	7	0	0	1	0	0	1	8	9	8	0	1.11	–	–

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)											Bright sunshine			
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation															
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
7A ENGLAND NW & I.o.M. - Continued																														
Greater Manchester																														
Bolton	107	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manchester Ringway Airport (A)	75	8.1	2.4	5.3	+0.8	14.6	21,22	-7.1	12	—	—	63	80	19	21	8	7	2	0	1	2	2	2	7	12	10	0	1.29	96	-
Cheshire																														
Bradeley Green	115	6.9	2.6	4.7	—	14.1	21	-6.5	11	—	—	26	—	12	21	9	6	1	0	0	0	0	2	7	11	—	1	—	—	-
Delamere Forest	68	(7.5)	(1.6)	4.5	—	13.6	22	-8.5	11,12	—	—	46	—	19	21	7	6	1	0	1	0	0	0	11	12	—	0	—	—	-
Knutsford	65	7.6	2.1	4.9	(+0.6)	14.2	22	-7.0	11	6.1	7.6	64	—	21	21	8	7	1	0	0	4	1	—	9	11	—	4	—	—	-
Macclesfield	143	—	—	—	—	—	—	—	—	—	—	89	99	34	21	9	7	1	0	0	0	0	4	—	—	—	0	—	—	-
Nantwich, Reaseheath Hall	40	7.7	1.7	4.7	—	14.5	22	-8.4	11	—	—	45	—	23	21	9	8	1	0	1	0	0	1	9	11	—	0	—	—	-
Ness Gardens	30	8.1	2.8	5.5	—	14.7	21	-5.6	12	6.0	—	37	—	13	20	8	7	0	0	2	0	0	3	8	11	—	0	0.92	—	S
Isle of Man																														
Douglas	85	8.7	5.5	7.1	+1.1	12.3	21	0.5	12	—	—	78	60	19	20	14	10	2	0	2	1	0	0	0	2	—	6	0.86	59	-
Point of Ayre (A)	9	9.0	5.4	7.2	+0.8	12.6	22	1.8	7	—	—	66	75	16	22	13	9	0	0	0	1	0	0	0	—	—	6	0.55	40	-
Ronaldsway Airport (A)	16	9.7	6.0	7.9	+1.5	12.7	22	0.6	12	7.4	—	52	53	17	20	12	8	2	0	0	1	0	0	0	6	2	0	1.16	83	-
7B WALES N																														
Gwynedd																														
Aber	10	9.7	(3.9)	6.8	—	13.9	21	-2.0	10,11	6.0	—	46	—	9	20	10	8	1	0	0	1	0	0	6	—	—	0	1.60	—	S
Amlwch, Anglesey	114	8.1	4.2	6.1	—	12.1	21	-1.6	12	—	—	38	—	11	18	13	11	0	0	0	2	0	1	2	8	—	4	—	—	-
Arthog, Fegla Fach Farm	7	8.8	3.5	6.1	—	12.4	21	-4.9	12	—	—	41	—	9	18	11	8	0	0	0	0	0	0	7	—	—	1	—	—	-
Bala	163	7.5	(0.8)	4.1	—	12.4	21	-10.0	11	5.3	7.0	137	91	39	21	11	9	0	0	2	0	0	3	12	15	16	1	0.97	—	S
Betws-y-Coed	20	8.2	2.3	5.3	—	14.2	21	-7.4	11	5.4	7.6	146	—	37	18	11	10	0	0	1	0	0	1	8	16	16	0	—	—	-
Botwnnog	34	8.9	3.9	6.4	—	12.8	20	-4.0	11	7.1	9.2	—	—	—	—	—	—	0	0	0	0	0	0	5	12	—	4	—	—	-
Dinorwic	296	7.1	3.3	5.2	—	11.2	22	-3.1	11	—	—	76	—	18	18	13	10	3	0	0	0	0	0	4	13	—	5	—	—	-
Llanymawddwy	145	7.5	1.8	4.7	—	13.3	22	-9.3	12	—	—	194	—	51	21	12	11	1	1	0	2	0	1	10	12	—	3	—	—	-
Nantmor	58	9.0	3.4	6.2	—	13.8	21	-5.3	11,12	—	—	131	—	40	21	14	11	0	0	0	1	0	0	7	—	—	0	—	—	-
Pen-y-Ffridd	84	9.7	3.9	6.8	+0.9	14.6	1	-2.7	11	—	—	56	46	10	18	16	10	0	0	0	0	0	0	4	14	—	1	1.50	119	S
Trawsfynydd (A)	193	7.8	2.5	5.1	—	11.8	21	-5.4	11	—	—	113	—	42	21	12	9	1	0	0	2	0	—	9	14	12	0	—	—	-
Valley (A)	10	9.2	4.6	6.9	+0.3	12.8	21	-2.7	11	7.5	—	27	29	6	20	11	7	1	0	0	0	0	0	4	9	9	1	1.79	113	-
Clwyd																														
Alwen	335	6.4	0.5	3.5	+0.5	11.1	21	-9.8	11	—	—	141	98	39	21	13	10	1	1	0	3	0	0	13	15	—	1	—	—	-
Colwyn Bay	36	9.8	4.0	6.9	—	15.5	22	-4.2	11	6.7	—	34	—	9	21	10	7	0	0	0	0	0	0	6	—	—	0	1.69	—	-
Cynwyd	208	6.7	1.6	4.1	—	11.2	21,22	-8.2	12	—	—	87	—	23	18	10	7	1	—	0	2	0	0	9	15	—	2	—	—	-
Hawarden Bridge	5	8.0	3.1	5.5	+0.3	14.6	21	-6.1	12	—	—	39	57	13	21	9	7	1	0	2	0	0	3	9	—	—	1	—	—	-
Llanarmon Dyffryn Ceiriog	267	6.8	1.0	3.9	—	13.0	21	-8.4	12	—	—	79	—	17	23	9	8	1	1	2	1	0	1	11	—	—	4	—	—	-
Loggerheads	210	7.6	1.2	4.4	+0.5	12.7	21	-8.5	11	5.6	7.1	52	56	17	21	9	9	3	0	0	0	0	0	12	15	—	0	1.21	—	S
Moel-y-Crio	263	7.1	2.2	4.7	—	12.9	21	-5.7	11	5.6	—	51	—	15	21	10	8	2	0	3	0	0	1	7	16	—	4	1.55	—	-
Prestatyn	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ruthin	76	8.6	2.6	5.6	(+0.7)	13.4	21	-6.5	11	—	—	47	59	16	21	11	8	1	0	0	0	0	0	8	—	—	0	1.67	—	-
Powys (North)																														
Lake Vyrnwy	360	5.9	1.0	3.5	—	11.2	22	-8.4	12	—	—	205	—	45	18	13	11	1	1	0	0	0	1	11	—	—	0	—	—	-
Llanfair Caereinion	236	6.5	1.5	4.0	—	12.2	22	-7.9	12	5.9	—	66	—	18	21	10	7	1	0	1	0	0	2	10	15	—	4	—	—	-
Machynlleth	76	(7.4)	(1.7)	4.5	—	11.7	21	-9.0	12	—	—	(115)	—	38	18	13	9	0	0	0	0	0	—	9	(14)	—	0	—	—	-
Moel Cynnedd	358	5.8	0.4	3.1	—	10.2	22	-9.0	12	4.9	—	220	—	78	21	14	12	0	1	0	0	0	—	11	15	—	0	—	—	-
Newtown	120	7.8	1.1	4.5	—	13.1	22	-8.6	12	—	—	68	—	21	21	10	9	1	0	0	0	0	—	11	13	—	0	—	—	-
8A WALES S																														
Dyfed																														
Aberporth (A)	134	7.9	3.8	5.9	-0.2	12.0	22	-4.4	11,12	6.6	—	18	—	5	15	7	5	0	0	0	0	0	0	4	10	9	7	1.09	69	-
Brawdy (A)	111	7.9	3.7	5.8	—	11.3	21,22	-4.2	11	—	—	32	25	9	15	8	5	0	0	0	1	0	3	3	12	8	2	0.85	—	-
Carmarthen Museum	9	—	—	—	—	—	—	—	—	—	—	47	—	10	18	9	7	0	0	0	0	1	—	—	—	—	0	—	—	-
Cwmystwyth	301	6.7	1.9	4.3	—	10.9	22	-7.3	12	—	—	116	—	34	21	11	9	—	0	—	—	—	—	8	15	—	—	1.23	—	S
Dale Fort	33	9.4	5.8	7.6	+0.2	12.1	21	-0.2	12	7.2	—	28	31	8	15	7	5	0	0	0	0	0	0	1	3	—	2	0.83	48	-
Gogerddan	31	8.6	2.1	5.3	-0.4	12.7	22	-7.8	11,12	6.4	—	41	—	11	17	9	8	0	0	0	0	0	0	8	14	—	0	1.40	99	S
Milford Haven (A)	37	9.1	5.2	7.1	(+0.1)	13.0	18,19	-2.3	12	—	—	29	—	8	16	7	5	0	—	0	0	1	—	2	3	1	4	—	—	-
Orielton	61	(8.7)	(5.2)	6.9	—	12.0	22	-2.4	12	(7.9)	—	30	—	8	15	8	5	0	0	0	0	0	—	2	9	—	2	—	—	-
Rhandirmwyn	168	(7.5)	(2.1)	4.8	—	12.3	22	-10.0	12	—	—	73	—	15	20	12	9	0	0	0	1	0	—	10	—	—	1	—	—	-
Saron	152	7.8	2.3	5.1	—	12.5	21	-6.5	12	—	—	30	—	10	15	9	7	0	0	1	0	0	0	8	12	—	2	—	—	-
Scolton Country Park	77	8.1	3.1	5.6	—	11.9	22	-5.0	11	—	—	32	—	8	17	8	6	0	0	0	1	0	2	6	14	—	1	—	—	-
Skokholm Island	34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St Clears	40	8.4	2.4	5.4	—	12.9	22	-6.9	12	—	—	35	—	11	15	9	7	0	0	0	0	0	0	9	13	—	2	—	—	-
Swyddffynnon	168	7.3	2.1	4.7	—	12.1	21	-8.8	12	—	—	57	—	13	17	11	9	1	0	0	0	0	0	7	14	—	0	1.42	—	-
Talgareg	198	7.3	1.2	4.3	—	11.7	22	-9.6	12	—	—	37	—	8	18	10	7	0	0	0	0	0	0	10	14	—	2	—	—	-
Tenby	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Towy Castle	88	7.9	3.0	5.5	—	12.2	21,22	-7.4	12	6.7	8.3	41	—	10	15	9	7	0	0	0	0	0	1	8	11	10	1	0.83	—	S
Whitechurch	129	(8.0)	2.9	5.5	—	12.2	22	-7.0	11	6.9	8.4	29	—	10	15	7	6	1	0	0	0	0	0	6	14	—	4	—	—	-
Powys (South)																														
Bronydd Mawr	330	6.2	1.5	3.9	—	10.6	21	-9.1	12	—	—	78	—	18	21	11	10	1	0	1	1	0	2	10	14	—	1	0.83	—	-
Llangenny	122	(7.6)	(2.2)	4.9	—	14.0	21	-8.0	12	—	—	22	—	5	17	9	7	0	0	0	0	0	—	11	—	—	1	—	—	-
Llangunllo	310	6.5	1.4	3.9	—	13.6	20	-8.5	12	6.0	—	74	—	20	20	9	9	0	0	0	0	0	7	10	16	—	0	—	—	-
Llysdinam	200	6.8	1.9	4.3	—	12.8	21	-7.5	12	5.6	—	94	—	19	20	10	8	1	0	0	3	0	3	10	13	—	5	—	—	-
Pencelli	160	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
Presteigne	175	6.6	0.0	3.3	—	13.2	21	-9.2	12	—	—	41	—	10	17	10	8	2	0	1	0	0	4	13	16	—	2	1.00	—	-
St Harmon	279	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Velindre	152	6.6	1.5	4.1	—	12.3	21	-7.5	12	6.1	7.6	39	—	8	20	9	7	1	0	0	2	0	6	11	13	—	0	—	—	-
West Glamorgan																														
Mumbles Head	35	8.4	5.0	6.7	(+0.2)	11.8	21	-1.9	12	—	—	—	—	—	—	—	—	1	0	1	0	0	1	3	4	4	4	—	—	-
Neath	62	9.0	3.5	6.3	0.0	12.1	21,22	-6.5	12	—	—	43	31	11	18	8	8	0	0	0	0	0	0	4	10	—	0	—	—	-
Penmaen	87	8.1	4.3	6.2	—	11.8	22	-3.8	12	7.0	8.3	47	—	9	16	11	7	0	0	0	1	0	1	3	6	10	3	0.95	—	-
Swansea	10	9.3	4.8	7.1	+0.6	12.6	21,22	-3.0	12	6.3	9.2	45	35	9	17	12	8	0	0	0	0	0	0	5	10	6	0	0.84	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)								Mean soil temp		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
		Means of				Highest maximum		Lowest minimum						Most in a day		Precipitation													
		Max (A)	Min (B)	Daily mean (mean of A + B)	Difference from * 1951-80 average	Max	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
8A WALES S - Continued																												
Mid Glamorgan																												
Cilfynydd (A)	194	7.0	2.0	4.5	–	11.5	21	-8.7	12	–	–	65	–	19	18	10	9	– 0	–	–	–	3	9	16	11	–	–	–	-
Cwmbargoed	372	6.0	1.6	3.8	–	10.2	21	-8.4	12	–	–	55	–	12	21	12	9	– –	–	–	–	–	8	16	–	–	–	–	-
Porthcawl	6	8.6	3.7	6.1	–	13.3	1	-6.8	11	–	–	31	30	6	17	10	6	– –	–	–	–	–	3	–	–	–	–	–	-
South Glamorgan																												
Cardiff																												
Bute Park	9	8.0	3.1	5.5	–	13.1	22,23	-7.5	12	6.9	8.1	49	–	10	20	10	7	– 0	–	–	–	3	5	16	–	–	1.23	–	S
Weather Centre (X)	58	8.0	4.0	6.0	–	12.5	22	-6.1	12	–	–	26	–	6	17	9	7	0 –	0	1	0	2	4	–	–	0	–	–	-
Flat Holm	15	–	–	–	–	–	–	–	–	–	–	30	–	9	17	7	7	0 0	0	0	0	–	–	–	–	4	–	–	-
Rhoose Airport (A)	65	7.4	3.1	5.3	-0.2	12.0	22,23	-4.7	12	–	–	42	–	9	21	8	7	0 0	1	0	0	3	5	12	10	3	1.15	78	-
Gwent																												
Crossway	140	7.1	1.9	4.5	–	14.0	21,22	-6.5	12	–	–	20	–	4	15	7	7	1 0	0	0	0	5	8	–	–	0	–	–	-
Llanishan	180	6.9	1.6	4.3	–	12.5	21	-10.6	12	–	–	17	–	6	17	7	4	– –	–	–	–	4	8	–	–	–	–	–	-
Tredegar, Bryn Bach Park	380	6.0	1.5	3.7	–	10.0	21	-7.1	12	–	–	86	–	20	18	10	10	1 1	0	0	0	3	11	16	–	2	–	–	-
Usk	21	7.5	2.0	4.7	–	13.6	21,22	-5.8	12,13	6.7	–	22	–	6	17	10	5	0 0	0	0	0	7	13	18	–	0	–	–	-
8B ENGLAND SW																												
Avon																												
Bristol																												
Weather Centre (A) (X)	42	8.1	3.5	5.8	–	13.3	22,23	-6.0	12	–	–	35	–	10	15	10	7	2 –	0	0	0	2	8	–	8	1	1.16	–	-
Long Ashton	51	7.0	2.1	4.5	-0.9	12.7	22,23	-7.9	12	–	–	33	38	8	15	8	7	0 0	0	0	0	–	12	13	–	0	–	–	-
Weston Super Mare	5	8.1	2.1	5.1	–	14.1	22	-8.1	12	–	–	23	–	6	17	7	7	0 0	0	0	0	–	10	–	–	0	–	–	-
Somerset																												
Brymore	23	8.3	2.8	5.5	–	13.8	21	-8.3	12	6.4	–	31	–	7	19	9	6	0 0	1	0	0	4	9	12	11	2	0.90	–	S
Castle Cary	135	7.4	2.1	4.7	–	12.9	22	-6.7	11	–	–	37	–	10	19	10	8	1 0	2	0	0	1	9	13	–	1	–	–	-
Downside Abbey	183	6.7	1.6	4.1	–	11.7	22	-6.8	11	–	–	49	–	9	18	9	7	0 0	0	0	0	–	10	–	–	0	–	–	-
Minehead	10	8.8	3.8	6.3	–	13.8	22	-5.7	12	6.4	7.5	28	–	7	21	8	6	0 0	2	0	0	3	7	13	10	1	1.26	–	S
Nettlecombe	96	8.3	–	–	–	13.1	22	–	–	6.3	–	39	–	10	19	9	7	0 0	1	0	0	–	–	15	–	0	–	–	-
Nettlecombe (Birds Hill)	280	6.8	2.9	4.9	–	11.2	23	-4.5	12	5.9	–	47	–	11	21	11	8	0 0	1	0	0	1	4	13	–	2	–	–	S
Rodney Stoke	40	8.2	2.7	5.5	–	13.3	23	-8.0	12	7.1	9.0	35	–	9	17	7	7	0 0	0	0	0	0	6	15	–	0	–	–	-
Tivington	82	8.4	3.3	5.9	–	13.3	22	-6.7	12	6.6	9.0	33	–	8	19	8	7	– 0	1	1	1	2	5	11	8	1	–	–	-
Yeovilton (A)	18	8.4	1.8	5.1	(-0.2)	13.6	21	-9.2	12	6.3	–	25	–	8	19	8	5	1 0	1	1	0	1	10	14	12	2	–	–	-
Dorset																												
Bournemouth																												
Hurn Airport (A)	10	8.7	1.3	5.0	-0.4	14.5	22	-6.7	14	6.1	–	35	39	11	15	7	6	1 0	0	0	0	0	11	14	13	0	1.73	–	-
Kings Park	27	8.9	2.5	5.7	–	14.0	22	-5.2	14	6.6	8.2	37	–	10	15,19	6	6	0 0	0	0	0	0	9	12	–	0	1.34	–	S
Christchurch	4	9.2	2.7	5.9	0.0	13.9	23	-5.5	14	–	–	31	36	9	15	6	6	0 0	0	0	0	–	8	16	–	0	–	–	-
Fontmell Magna	95	8.0	1.8	4.9	–	13.2	22	-8.5	13	–	–	31	–	9	19	8	7	1 0	0	2	0	0	7	–	–	5	–	–	-
Lower Kingcombe	122	7.9	1.5	4.7	–	12.9	22	-8.3	12	–	–	30	–	9	16	9	7	1 0	0	0	0	1	11	15	–	1	–	–	-
Poole	5	9.1	3.6	6.3	(+0.5)	14.5	22	-4.2	14	–	–	32	–	10	16	6	6	0 0	0	0	0	0	7	10	–	0	1.55	(86)	-
Portland Bill																												
(Coastguard) (A)	53	9.1	5.2	7.1	–	12.4	21	-1.0	13	–	–	29	–	10	16	7	4	0 0	0	0	0	1	1	5	5	4	1.31	–	-
Swanage	11	9.4	4.6	7.0	+0.3	13.4	21,22	-5.3	14	–	10.1	38	43	12	16	8	6	0 0	0	0	0	0	5	8	–	0	1.45	84	-
Weymouth	21	9.0	3.9	6.5	–	12.6	22	-2.5	11	–	–	24	–	10	16	6	4	0 0	0	0	0	1	4	–	–	0	–	–	-
Winfrith	26	8.9	2.4	5.7	(-0.2)	13.8	21	-7.0	11	–	–	23	–	8	16	7	6	0 0	0	0	0	1	11	14	14	0	–	–	-
Devon																												
Burrington	199	–	–	–	–	–	–	–	–	–	–	53	–	11	19	11	9	– –	–	–	–	–	–	–	–	–	–	–	-
Chivenor	6	9.0	3.6	6.3	-0.5	12.5	22	-5.9	12	–	–	39	–	14	16	10	7	– –	–	–	–	–	4	–	–	–	–	–	-
Dunkeswell	251	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	–	–	–	–	–	–	–	–	–	–	-
Exeter Airport (A)	32	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	–	–	–	–	–	–	–	–	–	–	-
Exmouth	78	9.2	4.6	6.9	–	14.2	21	-3.9	12	–	–	25	–	8	19	8	5	0 0	1	0	1	0	4	–	–	1	1.23	–	-
Gawlish	122	8.2	4.2	6.2	–	11.0	16,22	-2.8	12	–	–	37	–	13	16	11	7	0 –	2	0	0	1	3	8	–	3	1.81	–	-
Hemyock	165	7.7	2.6	5.1	–	12.1	22,23	-6.1	12	–	–	49	–	13	15	8	7	– 0	–	–	–	5	7	14	–	–	1.31	–	S
Ilfracombe	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	– –	–	–	–	–	–	–	–	–	–	–	S
Lundy	43	9.4	6.8	8.1	–	12.3	21	2.5	11	–	–	–	–	–	–	–	–	– –	–	–	–	–	0	–	–	–	–	–	-
Melbury	143	8.6	3.2	5.9	–	12.2	22	-7.5	12	–	–	68	47	15	16	11	10	0 0	0	0	0	–	8	–	–	0	1.41	–	S
North Wyke	177	8.3	3.1	5.7	–	12.2	16	-4.4	12	–	–	42	–	11	19	10	8	2 0	1	0	0	1	5	13	–	3	1.30	–	-
Plymouth																												
Mount Batten (A)	27	9.2	5.0	7.1	+0.1	12.6	21	-2.7	12	–	–	46	41	14	19	10	6	0 –	0	1	1	0	2	–	4	0	1.28	79	-
Princetown	423	6.2	1.8	4.0	–	9.6	20	-3.4	12	–	–	101	43	19	19	10	10	0 0	1	0	0	12	3	10	–	0	–	–	-
Rumleigh	23	9.5	3.2	6.3	–	13.3	22	-6.1	12	7.5	9.4	50	–	16	19	10	8	0 0	2	0	0	0	5	13	–	1	–	–	-
Saunton Sands	15	–	–	–	–	–	–	–	–	–	–	23	–	9	16	9	6	– –	–	–	–	–	–	–	–	–	–	–	-
Sidmouth	10	9.4	4.6	7.0	–	14.1	22	-3.5	12	–	–	26	32	8	19	6	6	1 0	0	1	0	1	4	–	–	0	–	–	-
Slapton	32	(9.6)	(5.6)	7.6	(+0.6)	12.8	21	-0.5	13	–	–	47	38	11	19	8	7	0 0	0	0	0	–	2	3	–	0	(0.96)	–	S
Teignmouth	3	9.5	5.2	7.3	+0.1	13.6	22	-2.6	12	–	–	19	22	7	19	8	6	0 0	0	0	0	1	4	–	–	0	0.91	48	-
Torbay (Torquay)	8	9.9	5.3	7.6	+0.5	13.9	23	-2.2	14	–	10.1	29	28	9	19	8	6	0 0	0	0	0	0	4	7	–	0	1.12	57	-
Twist	186	7.7	2.6	5.1	–	12.4	22	-5.3	12	–	–	27	–	8	19	8	7	0 0	0	0	0	2	7	–	–	2	1.30	–	S
Yarner Wood	198	(8.1)	(3.5)	5.8	–	12.0	21	-2.4	12	(6.4)	–	50	–	16	19	9	8	0 0	1	0	0	–	3	10	–	5	0.74	–	S
Cornwall																												
Bastreet	236	7.8	3.2	5.5	–	11.2	22,23	-7.1	12	–	–	53	27	10	20	11	10	0 0	1	0	0	2	4	7	–	1	1.30	–	-
Bude	15	9.4	4.2	6.8	-0.2	12.6	22	-5.4	12	7.0	–	39	41	14	16	11	8	0 0	2	0	0	0	4	–	–	2	1.83	111	-
Camborne (A)	87	9.4	6.0	7.7	–	12.4	22	1.2	12,13	8.5	9.6	33	–	10	15	8	6	0 0	2	0	0	1	0	7	2	3	1.79	–	-
Culdrose (A)	80	9.6	5.3	7.5	+0.3	12.0	21,22	-0.4	12	–	–	44	39	11	15	10	5	0 0	1	0	0	1	1	4	2	6	1.26	74	-
Falmouth	51	10.2	6.9	8.5	+1.0	13.0	21	0.5	12	–	–	37	28	9	19	8	6	0 0	0	0	0	0	0	1	–	0	1.33	80	-
Gwennap Head	66	9.9	6.1	8.0	–	11.9	21,22	0.7	12	–	–	25	–	9	15	6	3	0 0	1	1	0	0	0	0	1	5	–	–	-
Lizard	73	10.2	6.4	8.3	(+0.4)	13.4	1	1.4	13	–	–	35	34	11	16	8	5	0 –	3	1	0	1	0	–	–	4	1.29	(71)	-
Lizard Lighthouse	60	10.0	6.8	8.4	–	12.3	22	2.0	12	–	–	–	–	–	–	–	–	– –	–	–	–	–	0	–	–	–	–	–	-
Newquay	30	9.7	5.3	7.5	–	12.7	22	-2.7	12	–	–	23	–	8	15	7	5	0 0	0	0	0	0	2	–	–	0	(1.29)	–	-
Penzance	19	10.4	6.4	8.4	+0.3	12.7	21,22	-2.0	12	–	–	35	25	10	15	10	7	0 0	2	0	0	0	2	–	–	5	1.14	64	-
Scilly (St Mary's)	51	10.2	7.4	8.8	0.0	12.2	18	4.0	20	–	–	27	–	10	19	5	4	0 0	0	0	0	0	0	0	0	4	1.33	76	-
St Ives	10	10.4	7.0	8.7	–	13.2	23	2.5	12	–	–	29	–	10	19	9	6	0 0	0	0	0	0	0	–	–	6	1.24	–	-
St Mawgan (A)	103	9.0	5.0	7.0	-0.1	12.1	22	-2.2	12	–	–	30	26	8	15	10	5	0 0	0	2	0	0	3	4	4	2	1.53	86	-
Tregastic	110	9.0	4.3	6.7	–	12.6	23	-3.0	12	–	–	48	–	14	19	11	8	0 0	1	0	1	0	3	13	8	4	–	–	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 3 Summary of daily observations

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C) Means of Max (A)	Means of Min (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Highest maximum Max	Highest maximum Date	Lowest minimum Min	Lowest minimum Date	Mean soil temp 30 cm deg C	Mean soil temp 100 cm deg C	Rainfall (09 to 09 GMT) Total fall (mm)	Rainfall Percentage of 1951-80 average	Most in a day Amount (mm)	Most in a day Date	Weather (number of days) Precipitation 0.2 mm or more	Precipitation 1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets etc	Thunder heard	Fog at 9h	Air frost	Grass min below 0 deg C	Concrete min below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1951-80 average*	Exposure
CHANNEL ISLANDS																														
Guernsey																														
Airport (A)	101	8.7	5.3	7.0	-0.5	11.9	21	-1.8	11	7.2	8.9	29	26	12	15	8	5	0	0	1	0	1	1	10	4	3	2.35	148	-
L'Ancresse	5	9.7	5.5	7.6	—	13.2	1,24	-1.8	11	—	—	26	—	13	15	8	5	0	0	0	0	—	1	—	—	3	2.12	—	-
Jersey																														
Airport (A)	84	8.0	3.8	5.9	-1.2	12.1	1	-5.1	11	5.8	8.2	33	32	12	19	10	6	0	—	2	0	2	0	4	14	10	3	2.41	141	-
Gorey Castle	79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.36	—	-
St Helier	54	8.3	4.1	6.2	—	12.3	21,23	-2.6	11	—	—	38	34	12	19	10	6	0	0	2	0	2	0	2	14	—	0	2.61	—	-
Trinity States Farm	107	8.6	3.9	6.3	—	12.0	21,22, 23	-4.0	11	7.1	—	39	—	14	19	9	6	0	0	1	0	0	0	4	15	—	0	—	—	-
NORTHERN IRELAND																														
Londonderry																														
Banagher (Caugh Hill)	216	7.5	2.8	5.1	—	11.5	22	-1.0	11	—	—	123	—	40	20	14	10	0	0	0	0	0	1	3	11	—	0	0.55	—	-
Carmoney	73	8.8	3.9	6.3	—	13.5	21	0.0	20	—	—	105	—	25	20	14	9	0	0	0	0	0	0	0	9	7	0	0.59	—	S
Castledawson Hillhead	30	8.8	2.7	5.7	—	14.5	21	-0.4	11	—	—	86	—	26	20	12	10	0	0	0	0	—	3		5	—	0	—	—	-
Coleraine University (A)	23	9.0	3.6	6.3	—	13.6	21,22	-2.2	12	6.7	8.2	113	—	33	22	16	9	4	0	0	0	0	2	2	11	—	0	0.72	—	-
Lough Fea W.Wks	225	6.9	2.7	4.8	—	11.2	20	-2.6	11	—	—	154	—	35	20	14	12	1	0	0	0	0	2	4	7	—	0	—	—	-
Moydamlaght	178	—	—	—	—	—	—	—	—	—	—	151	—	36	22	14	10	0	0	0	0	0	—	—	—	—	0	—	—	-
Moyola Waterworks	17	8.7	3.0	5.9	—	14.0	21	-3.5	11	—	—	79	—	19	20	14	10	1	1	0	0	0	5	3	13	—	0	—	—	-
Antrim																														
Altnahinch	213	7.1	2.4	4.7	—	12.0	21	-2.0	20	—	—	129	—	29	20	18	13	1	1	0	0	0	0	3	14	—	0	0.46	—	-
Belfast																														
Aldergrove Airport (A)	68	8.1	3.3	5.7	+1.1	12.9	21	-3.5	12	6.4	8.7	78	92	21	20	13	9	2	0	0	1	0	1	3	10	8	0	0.86	73	-
Newforge	40	8.8	3.9	6.3	—	13.2	21	-2.5	11	—	—	95	—	29	20	14	8	0	0	0	0	0	—	3	13	—	0	0.51	—	-
Oldparkfilters	58	8.8	3.7	6.3	—	13.5	21	-1.5	12	—	—	110	96	29	20	16	8	1	0	0	0	0	3	2	11	—	0	—	—	-
Carnlough	12	9.1	3.5	6.3	—	13.5	22	-1.4	11	—	—	132	—	32	20	10	10	1	1	0	0	0	0	4	—	—	1	—	—	-
Dungonnell Filters	271	7.0	1.9	4.5	—	11.3	21	-1.8	11	—	—	149	—	43	20	19	14	0	0	0	0	0	3	5	10	—	0	—	—	-
Garron Tower	62	9.3	4.4	6.9	—	13.5	21	0.0	20	—	—	123	—	31	20	10	8	2	1	0	0	0	0	0	—	—	1	—	—	-
Greenmount	38	8.6	3.1	5.9	(+1.2)	13.1	21	-3.7	12	7.3	—	73	—	21	20	14	8	0	0	0	0	0	—	5	15	—	0	—	—	-
Jordanstown Rostulla	10	9.5	4.0	6.7	—	14.1	21	-1.0	12	—	—	100	—	32	20	12	7	1	0	0	0	0	1	2	13	—	0	—	—	-
Larne Harbour	43	9.2	4.4	6.8	—	14.2	21	-0.6	12,20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	-
Lowtown	213	7.7	2.5	5.1	—	12.1	22	-2.7	12	—	—	124	—	37	20	16	11	0	1	0	0	0	—	4	11	—	0	0.49	—	-
Movanagher Fish Farm	10	8.4	3.7	6.1	—	13.0	21	-3.0	11,12	—	—	98	—	21	20	16	9	0	0	1	0	0	—	4	7	—	0	—	—	-
Parkmore Forest	235	7.4	1.7	4.5	—	13.0	21	-2.6	11	6.2	—	190	111	44	21	20	15	0	2	0	0	0	1	7	15	—	0	—	—	-
Woodburn North	217	7.7	2.0	4.9	—	11.9	21	-2.0	8	—	—	129	107	40	20	15	12	2	0	0	0	0	1	7	14	—	0	—	—	-
Down																														
Ballykine Rockvale	125	8.2	3.3	5.7	—	12.8	22	-0.3	20	—	—	95	—	33	20	14	8	1	0	0	0	0	0	2	9	—	0	—	—	-
Ballywatticock	6	8.8	4.2	6.5	—	13.5	21	-1.8	12	6.4	8.0	78	105	20	20	12	9	2	0	0	0	0	0	3	8	8	0	0.85	—	-
Belfast																														
Ravenhill Road	10	8.6	3.9	6.3	—	13.5	21	-1.8	11	—	—	100	—	30	20	14	8	3	0	0	0	0	1	3	10	—	1	—	—	-
Stormont Castle	56	9.0	4.3	6.7	+1.4	13.4	21	0.1	12	6.4	7.9	101	111	29	20	12	8	1	1	0	0	0	1	0	10	—	0	0.77	(60)	-
Bryansford	85	9.3	4.4	6.9	—	13.5	21	-0.7	11	6.6	8.6	86	—	21	20	13	11	1	1	0	0	0	0	1	10	7	0	—	—	S
Downpatrick, Killavees	58	8.9	4.3	6.6	—	13.5	22	-1.0	12	—	—	60	—	16	20	13	7	1	1	0	0	0	1	3	8	—	0	—	—	-
Helens Bay	43	8.6	4.5	6.5	(+1.0)	13.1	21	0.0	11	6.7	7.9	79	96	23	20	11	8	2	0	0	0	0	0	0	9	—	1	—	—	-
Hillsborough	116	8.2	3.2	5.7	+0.9	13.0	21	-1.5	11	6.3	7.8	80	90	26	20	13	8	1	1	0	0	0	0	4	11	—	0	0.95	80	-
Killough	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Long Kesh (A)	36	8.7	2.6	5.7	—	13.4	21	-5.6	11	6.2	7.8	80	—	23	20	14	8	2	1	0	0	0	0	10	11	10	0	0.87	—	-
Lough Cowey	10	9.5	3.8	6.7	—	13.6	21	-1.4	12	—	—	57	68	15	20	14	8	1	0	0	0	0	0	3	6	—	0	1.13	—	-
Magherally	97	8.2	2.4	5.3	—	13.0	21,22	-6.4	11	6.4	8.1	77	—	22	20	12	8	3	1	1	1	0	2	8	15	14	0	—	—	-
Murlough	12	9.6	4.7	7.1	—	14.4	22	-1.9	12	6.5	7.7	65	—	21	20	13	10	1	0	0	0	0	0	2	7	—	1	0.93	—	S
Newry, Carnbane	8	9.2	3.2	6.2	—	14.0	21	-5.1	12	—	—	85	—	19	21	12	8	0	0	0	0	0	1	5	13	—	0	0.87	—	-
Saintfield Rowallane	95	8.4	2.3	5.3	—	13.2	22	-3.6	11	6.3	—	90	—	24	20	13	9	0	0	0	0	0	—	9	18	—	0	—	—	-
Silent Valley	129	8.6	3.9	6.3	—	13.4	21	-1.5	12	—	—	95	63	22	20	13	11	1	1	0	0	0	2	2	9	—	0	0.99	—	-
Trassey Slievenaman	215	8.9	2.7	5.8	—	12.2	21	-3.5	12	—	—	77	—	25	20	15	11	3	2	0	0	0	0	8	12	—	2	—	—	-
Armagh																														
Annaghmore	27	8.6	2.8	5.7	—	13.6	21	-5.3	11	7.0	9.0	104	—	23	20	13	9	4	0	0	0	0	2	9	13	11	0	—	—	-
Armagh	62	8.8	3.5	6.1	+1.2	13.3	21	-4.6	11	6.6	8.2	91	107	20	20	12	9	2	0	0	0	0	0	3	14	—	1	1.01	85	S
Castor Bay	17	8.5	3.4	5.9	—	12.8	21	-4.4	11	—	—	81	—	22	20	13	8	0	0	0	0	0	2	4	11	—	0	—	—	-
Loughgall	25	8.7	2.6	5.7	+0.9	13.6	21	-5.0	11	—	—	103	135	26	20	13	8	1	1	0	0	0	2	9	14	—	0	—	—	-
Tandragee, Ballylisk	43	9.1	3.0	6.1	—	13.5	21	-6.0	11	—	—	83	—	20	20	12	9	0	0	0	0	0	—	6	10	—	0	—	—	-
Tyrone																														
Baron's Court	132	8.0	3.8	5.9	—	12.1	22	0.0	11	—	—	125	—	33	20	16	12	3	1	0	1	2	2	0	7	—	0	0.54	—	-
Carrigans (A)	113	8.1	3.3	5.7	(+1.2)	12.8	21	-1.8	11	—	—	125	—	28	18	16	12	—	—	—	—	—	—	4	9	—	—	0.62	—	-
Cookstown	77	8.3	2.7	5.5	—	13.4	22	-3.6	11	—	—	104	98	28	20	11	11	1	0	0	0	0	—	5	—	—	0	—	—	-
Edenfel	88	8.1	2.2	5.1	—	13.2	21	-4.2	11	—	—	131	119	33	18	17	13	2	0	2	0	0	1	6	12	—	0	—	—	-
Fivemiletown	119	8.3	1.6	4.9	—	13.0	22	-2.7	11	—	—	154	—	37	22	12	11	2	1	0	0	0	4	6	19	—	0	—	—	-
Lough Bradan W.Wks	180	7.6	2.5	5.1	+1.1	11.6	21	-2.0	11	—	—	218	147	58	18	17	15	0	0	0	0	0	1	5	—	—	0	—	—	-
Strabane Glen Road	60	8.7	4.3	6.5	—	12.6	21	0.0	1,2	—	—	108	—	31	20	13	10	0	0	1	2	1	0	0	7	—	0	—	—	-
Fermanagh																														
Castle Archdale Forest (A)	66	8.5	2.3	5.4	(+0.7)	13.5	21	-3.8	1	7.1	8.2	168	—	35	18	14	13	1	0	0	0	0	0	6	14	—	0	0.83	(77)	-
Corgary	145	8.5	3.9	6.2	—	13.0	21	0.4	20	—	—	152	—	29	20	17	17	—	0	—	—	—	—	0	6	5	—	0.94	—	S
Knockarevan	53	9.1	3.7	6.4	—	14.3	21	-2.2	1, 2	—	—	141	—	27	18	18	12	—	0	—	—	—	—	4	6	5	—	—	—	-
Lisnaskea	49	8.7	2.6	5.7	—	13.8	21	-4.0	11,12	—	—	99	—	23	20	14	10	0	0	0	0	0	—	2	13	—	0	—	—	-
Lough Navar Forest	126	8.0	2.2	5.1	(+0.7)	12.9	21	-3.5	11	—	—	229	146	53	20	20	14	1	0	2	0	2	2	9	15	—	0	—	—	-

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
0 SCOTLAND N																																											
Shetland																																											
Fair Isle	61	9	1016.7	–	6.4	1.0	8.3	85	6.3	0	3	3	20	5	0	0	0	0	0	0	2	1	8	14	6	4	9	12	6	0	2	1	0	1	11	6	6	4
		15	1016.0	–	6.7	1.1	8.4	84	6.7	0	1	5	16	9	0	0	0	1	0	0	1	3	12	10	4	3	10	8	10	0	3	0	1	1	7	9	6	4
		21	1016.6	–	6.8	0.9	8.7	86	6.6	0	1	7	7	16	0	0	0	0	0	1	1	5	7	13	4	2	8	16	4	1	0	3	0	2	5	9	8	3
Lerwick	83	3	1015.7	–	5.4	1.1	7.5	82	6.4	0	3	3	15	10	0	0	0	0	0	0	0	2	13	12	4	1	6	13	11	0	2	0	1	1	7	5	11	4
		9	1015.3	+ 10.4	4.9	0.8	7.7	88	6.2	0	2	8	13	8	0	0	0	0	0	0	0	8	8	8	7	2	9	9	10	1	3	1	0	1	7	8	6	4
		15	1014.4	–	5.5	0.9	7.9	85	6.6	0	2	3	17	9	0	0	0	0	0	0	1	4	10	14	2	3	8	11	8	1	2	1	0	0	6	10	6	5
		21	1015.1	–	5.5	1.0	7.8	84	5.9	0	5	4	13	9	0	0	0	0	0	0	1	5	5	13	7	2	8	11	10	0	0	2	0	1	6	5	12	5
Muckle Flugga	54	3	1014.4	–	6.0	1.1	7.9	83	6.4	0	1	10	2	18	0	0	0	0	0	0	1	0	6	24	0	7	7	13	4	0	1	0	1	0	10	5	10	4
		9	1013.9	–	5.8	1.1	7.8	83	6.9	0	0	4	11	16	0	0	0	0	0	0	1	1	13	16	1	8	6	11	6	0	2	1	0	0	11	5	10	2
		15	1013.0	–	6.3	1.0	8.2	85	7.3	0	0	1	14	16	0	0	0	0	1	0	0	4	5	20	1	10	8	8	5	0	2	0	2	0	7	9	7	4
		21	1013.4	–	6.2	1.1	8.0	83	6.8	0	0	7	7	17	0	0	0	0	0	0	1	2	7	21	0	7	10	9	5	0	1	1	1	0	10	7	8	3
Sumburgh	13	3	1016.1	–	6.7	1.5	7.7	77	6.5	0	3	3	12	13	0	0	0	0	0	0	0	2	8	13	8	3	12	11	5	0	3	0	1	2	5	4	10	6
		9	1015.7	–	6.3	1.4	7.7	79	6.2	0	1	7	18	5	0	0	0	0	0	0	0	3	9	11	8	5	9	10	7	0	4	1	0	1	7	5	9	4
		15	1014.9	–	6.7	1.4	8.0	79	6.7	0	1	3	22	5	0	0	0	0	0	0	1	4	5	15	6	3	12	7	9	0	4	1	0	1	4	8	11	2
		21	1015.6	–	6.7	1.4	8.0	79	6.6	0	2	2	17	10	0	0	0	0	0	0	1	5	2	19	4	4	9	13	4	1	3	2	0	2	6	4	11	2
Orkney																																											
Kirkwall	26	3	1017.9	–	5.4	0.7	8.1	89	5.7	1	5	5	7	13	0	0	0	0	0	0	0	3	9	16	3	1	6	12	12	0	0	1	1	3	9	4	12	1
		9	1017.4	+ 11.5	5.3	0.7	8.0	89	6.1	0	4	2	19	6	0	0	0	0	0	0	0	2	9	13	7	1	7	11	12	0	2	2	0	0	13	5	7	2
		15	1017.2	–	6.1	1.0	8.1	85	6.4	0	0	8	17	6	0	0	0	0	0	0	0	2	10	15	4	2	7	10	12	0	1	0	2	0	8	10	8	2
		21	1017.7	–	5.5	0.8	8.0	88	6.0	0	4	3	18	6	0	0	0	0	0	0	1	3	6	16	5	1	6	13	11	0	0	2	1	0	10	9	7	2
Western Isles																																											
Benbecula	7	3	1019.3	–	7.0	0.8	8.9	88	6.4	0	4	3	12	12	0	0	0	0	0	0	1	3	11	14	2	1	6	14	10	0	0	1	0	2	11	7	5	5
		9	1019.2	+ 12.8	7.3	0.9	9.0	87	6.8	0	1	4	15	11	0	0	0	0	0	2	1	3	14	6	5	1	6	14	10	0	0	1	0	3	9	9	6	3
		15	1019.5	–	7.6	1.2	8.8	83	6.8	0	1	3	14	13	0	0	0	0	0	0	1	2	15	10	3	1	7	15	8	0	1	0	1	1	9	9	7	3
		21	1019.4	–	7.2	0.8	9.1	88	6.9	0	1	4	11	15	0	0	0	0	0	0	0	3	14	12	2	2	4	18	7	0	0	0	1	0	13	6	7	4
Stornoway	5	3	1018.4	–	6.7	1.1	8.3	83	6.5	0	3	4	11	13	0	0	0	0	0	0	0	1	14	16	0	0	3	17	11	0	0	0	0	1	13	7	9	1
		9	1018.0	+ 11.9	6.9	1.2	8.3	82	6.2	0	4	1	19	7	0	0	0	0	0	0	0	1	14	15	1	0	5	15	11	0	0	0	3	0	11	10	5	2
		15	1018.3	–	7.0	1.3	8.2	81	6.4	0	2	3	18	8	0	0	0	0	0	0	0	6	13	10	2	0	5	18	8	0	0	1	2	1	7	12	6	2
		21	1018.3	–	6.8	1.0	8.5	85	6.6	0	1	6	10	14	0	0	0	0	0	0	0	4	10	16	1	1	5	11	13	1	0	0	1	0	15	6	8	0
Highland																																											
Aviemore	228	3	1021.1	–	3.3	1.1	6.4	82	5.7	1	3	7	14	6	0	0	0	0	0	1	0	1	1	11	17	0	1	9	20	1	2	1	0	0	17	8	1	1
		9	1021.0	–	2.9	1.0	6.4	83	5.6	0	3	9	16	3	0	0	0	0	0	0	2	1	3	8	17	0	2	9	19	1	2	0	1	1	11	11	2	2
		15	1020.7	–	4.6	1.4	6.7	78	5.7	0	3	7	20	1	0	0	0	0	0	1	1	3	1	7	18	0	1	10	19	1	2	0	0	1	15	11	1	0
		21	1021.1	–	3.5	1.1	6.6	82	5.3	2	3	6	18	2	0	0	0	0	0	0	0	0	4	7	20	0	1	9	19	2	0	1	2	1	14	8	2	1
Cape Wrath	113	3	1017.5	–	6.5	1.2	8.0	81	6.5	0	3	5	3	20	0	0	0	0	0	0	0	0	0	4	22	5	10	6	10	5	0	1	1	0	0	5	12	10	2
		9	1016.7	–	6.5	1.1	8.2	83	6.7	0	0	6	12	13	0	0	0	0	0	0	0	1	3	23	4	8	12	4	6	1	1	1	1	0	8	11	7	1
		15	1016.8	–	6.5	1.2	8.0	82	7.0	0	1	4	8	18	0	0	0	0	0	0	0	2	8	19	2	10	10	7	4	0	0	1	1	3	2	15	6	3
		21	1017.2	–	6.5	1.1	8.2	83	6.8	0	1	6	4	20	0	0	0	0	0	0	0	1	3	22	5	9	8	12	2	0	0	1	0	2	2	18	6	2
Dalcross	12	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Invergordon	12	3	1020.1	–	5.0	1.3	7.1	81	5.5	3	2	8	6	12	0	0	0	0	0	0	0	0	16	13	2	0	2	10	14	5	0	0	1	0	3	10	12	0
Harbour		9	1019.8	–	4.7	1.2	7.1	82	6.2	1	2	5	13	10	0	0	0	0	0	0	0	1	10	16	4	1	2	8	10	10	0	0	1	0	2	8	10	0
		15	1019.8	–	6.3	1.5	7.5	78	6.2	1	1	5	14	10	0	0	0	0	0	0	0	9	5	14	3	0	4	9	10	8	0	1	1	0	1	9	10	1
		21	1019.9	–	5.4	1.3	7.2	80	5.0	6	0	6	12	7	0	0	0	0	0	0	0	1	13	15	2	1	2	8	13	7	0	0	0	0	2	8	12	2
Waterstein	81	9	1019.7	–	6.9	0.9	8.9	87	6.6	0	2	4	9	15	1	0	0	0	2	1	1	1	15	8	3	0	1	17	10	3	0	1	1	1	6	11	7	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wick	37	3	1018.9	–	5.0	0.9	7.6	85	5.8	0	4	5	16	6	0	0	0	0	0	0	1	4	8	15	3	1	3	10	17	0	0	0	0	1	11	8	10	1
		9	1018.5	+ 12.2	4.7	1.0	7.3	85	5.7	0	5	5	15	6	0	0	0	0	0	0	0	0	9	18	4	0	5	7	19	0	0	1	0	0	13	8	8	1
		15	1018.4	–	5.7	1.3	7.4	80	6.2	0	2	6	18	5	0	0	0	0	0	0	0	1	5	22	3	0	3	12	16	0	1	0	2	0	7	11	9	1
		21	1018.8	–	5.3	1.2	7.4	82	5.5	0	5	6	16	4	0	0	0	0	0	0	0	2	4	18	7	1	1	10	18	1	1	1	0	1	10	8	8	1
1 SCOTLAND E																																											
Grampian																																										
Dyce	69	3	1020.6	–	3.1	0.8	6.7	87	4.8	3	7	4	12	5	0	0	0	0	0	0	1	6	8	14	2	0	0	9	14	8	2	1	0	2	4	2	9	3
		9	1020.4	+ 12.4	3.7	1.0	6.7	84	5.6	0	4	6	19	2	0	0	0	0	0	0	0	2	8	14	7	0	1	7	17	6	3	1	0	2	5	3	9	2
		15	1020.3	–	5.2	1.2	7.2	81	5.0	0	9	3	18	1	0	0	0	0	0	1	0	3	3	18	6	0	1	10	19	1	2	0	2	0	10	4	8	4
		21	1020.8	–	3.6	0.8	6.9	86	4.8	1	7	7	14	2	0	0	0	0	0	0	2	3	11	10	5	0	1	8	16	6	3	0	1	1	6	6	7	1
Glenlivat	212	9	1020.9	–	2.9	1.2	6.1	80	–	–	–	–	–	–	–	0	0	0	0	0	0	0	0	0	9	22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1021.2	–	2.7	1.1	6.2	81	4.4	2	8	7	9	5	0	0	0	0	0	0	0	0	0	9	22	0	0	6	25	0	0	0	11	7	1	1	10	1
Kinloss	6	3	1020.2	–	4.5	1.3	6.9	80	5.7	1	5	4	12	9	0	0	0	0	0	0	1	2	7	14	7	0	2	9	19	1	0	0	2	0	9	10	9	0
		9	1019.9	+ 12.6	4.9	1.4	6.9	79	5.6	0	5	5	17	4	0	0	0	0	0	0	1	2	3	21	4	0	3	8	17	3	0	0	1	1	7	11	7	1
		15	1020.0	–	6.0	1.5	7.4	78	5.9	0	3	5	22	1	0	0	0	0	0	0	0	0	5	20	6	0	3	13	13	2	1	0	2	0	3	15	7	1
		21	1020.1	–	5.0	1.5	6.9	78	5.1	1	5	7	15	3	0	0	0	0	0	0	0	0	3	21	7	0	2	9	18	2	0	0	1	1	6	17	4	0
Peterhead	15	3	1020.4	–	5.8	1.4	7.4	79	5.4	0	5	10	7	9	0	0	0	0	0	0	0	1	30	0	0	0	1	13	15	2	1	1	0	0	3	10	12	2
Harbour		9	1020.2	–	5.7	1.4	7.3	79	6.0	0	1	9	13	8	0	0	0	0	0	0	0	4	26	1	0	0	3	11	16	1	1	1	0	0	4	8	12	4
		15	1020.0	–	6.5	1.5	7.5	78	5.9	0	0	12	14	5	0	0	0	0	0	0	0	4	25	2	0	0	2	15	13	1	1	1	1	0	5	8	12	2
		21	1020.6	–	5.8	1.5	7.3	78	5.7	0	1	12	14	4	0	0	0	0	0	0	0	5	26	0	0	0	1	14	14	2	0	1	1	0	2	12	12	1
Fife																																											
Leuchars	12	3	1022.0	–	3.4	0.6	7.2	90	5.0	3	6	4	7	10	1	1	0	0	1	0	1	8	4	8	8	0	1	7	23	0	2	1	0	0	1	9	14	4
		9	1022.0	+ 13.4	3.3	0.7	7.0	89	5.0	0	9	5	9	7	1	0	1	0	0	0	1	6	7	9	7	0	0	10	20	1	2	0	0	0	1	14	11	2
		15	1021.9	–	5.3	1.1	7.5	83	5.7	0	3	7	17	4	0	0	0	0	0	0	4	2	9	6	10	1	1	12	16	1	3	0	0	0	0	10	15	2
		21	1022.4	–	3.7	0.7	7.2	88	4.5	3	7	4	15	2	0	0	0	0	1	0	0	6	7	11	6	0	3	8	20	0	3	0	0	0	1	13	14	0

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
1 SCOTLAND E - Continued																																											
Lothian																																											
Turnhouse	44	3	1022.9	–	3.6	0.6	7.4	90	4.7	3	8	2	15	3	0	0	0	1	0	1	3	7	11	8	0	0	0	10	13	8	0	1	0	0	0	9	13	0
		9	1023.0	+13.7	3.7	0.7	7.2	88	5.8	0	3	6	19	3	0	0	0	0	1	1	2	12	6	9	0	0	2	9	14	6	0	2	2	0	2	3	15	1
		15	1023.0	–	5.5	1.1	7.7	84	5.7	0	4	5	20	2	0	0	0	0	0	1	2	7	8	10	3	0	2	10	15	4	0	0	2	0	1	11	12	1
		21	1023.4	–	3.8	0.7	7.3	89	5.0	2	8	3	13	4	1	0	0	1	0	0	3	10	10	6	1	0	1	10	12	8	0	0	2	0	0	12	8	1
6 SCOTLAND W																																										
Strathclyde																																										
Abbotsinch	9	3	1023.0	–	4.6	0.6	7.8	90	6.3	0	4	2	16	7	2	2	0	1	0	0	1	9	11	6	1	0	1	7	19	4	0	2	4	1	2	7	11	0
		9	1023.0	+13.8	4.3	0.7	7.6	89	6.5	0	1	6	13	11	0	0	1	0	2	1	2	10	5	10	0	0	2	9	17	3	1	1	3	3	3	5	11	1
		15	1023.2	–	5.8	1.0	7.9	85	6.6	0	0	6	17	8	0	0	0	0	0	2	5	6	9	6	3	0	0	11	16	4	0	2	3	1	1	11	8	1
		21	1023.4	–	4.5	0.6	7.9	91	6.3	0	1	7	15	8	0	0	0	0	3	1	1	11	7	8	0	0	2	9	17	3	0	2	4	2	1	14	5	0
Orsay	24	3	1022.2	–	8.0	0.9	9.4	87	6.8	0	3	5	2	21	0	0	0	0	0	0	0	1	13	9	8	2	5	15	9	0	2	0	2	2	13	6	4	2
		9	1022.2	–	7.9	1.1	9.1	85	7.1	0	1	3	9	18	0	0	0	0	0	0	0	2	9	15	5	3	9	13	6	0	3	0	2	0	14	5	5	2
		15	1022.6	–	8.0	1.1	9.1	84	7.1	0	0	3	13	14	1	0	1	0	0	0	0	1	14	11	4	4	6	14	6	1	0	0	1	2	11	8	6	2
		21	1022.6	–	8.0	0.9	9.4	87	6.7	0	2	4	5	20	0	0	0	0	0	0	1	1	8	16	5	2	7	12	9	1	0	1	0	2	13	8	4	2
Prestwick	21	3	1023.7	–	5.4	0.7	8.2	89	5.7	1	3	6	9	12	0	0	0	0	0	0	2	7	13	9	0	0	2	7	22	0	1	1	4	6	7	5	3	4
		9	1023.8	+14.3	5.1	0.8	7.8	88	6.7	0	0	4	22	5	0	0	0	0	0	0	0	8	12	10	1	0	1	8	22	0	1	2	7	7	4	3	4	3
		15	1024.0	–	6.8	1.2	8.2	82	6.2	0	3	4	18	6	0	0	0	0	0	0	1	6	7	14	3	0	3	11	16	1	0	1	4	3	5	9	5	3
		21	1024.2	–	5.5	0.9	8.0	87	5.9	2	4	3	11	11	0	0	0	0	0	0	0	10	11	10	0	0	4	7	20	0	0	1	7	5	3	8	4	3
Tiree	10	3	1021.0	–	7.5	1.1	8.8	84	6.7	0	1	4	13	13	0	0	0	0	0	0	0	4	13	13	1	0	7	18	4	2	1	0	0	2	12	6	5	3
		9	1021.0	+13.5	7.4	1.2	8.7	83	6.9	0	0	5	14	12	0	0	0	0	0	0	1	3	18	5	4	0	7	19	4	1	0	1	1	2	10	8	4	4
		15	1021.3	–	7.9	1.4	8.6	80	6.7	0	1	3	16	11	0	0	0	0	0	0	1	3	17	6	4	1	6	17	6	1	2	0	1	2	8	8	6	3
		21	1021.3	–	7.6	1.2	8.8	83	6.8	0	1	3	14	13	0	0	0	0	0	0	0	4	14	13	0	1	4	20	6	0	0	0	1	2	13	7	6	2
Dumfries & Galloway																																										
Corsewall Point	15	9	–	–	7.2	0.7	9.2	90	7.1	0	1	3	8	19	0	0	0	0	0	0	0	1	5	20	5	0	3	18	9	1	2	1	1	8	6	5	3	4
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drungans	16	3	–	–	4.2	0.5	7.9	92	7.1	1	0	4	3	21	2	0	0	1	1	0	0	6	13	10	0	0	0	3	23	5	1	3	1	1	4	9	5	2
		9	–	–	4.0	0.7	7.5	89	6.8	0	1	6	4	19	1	0	2	0	0	0	0	4	17	8	0	0	0	2	20	9	2	1	2	0	2	5	5	5
		15	–	–	6.3	1.1	8.0	83	5.8	0	2	12	6	10	1	0	0	1	0	0	0	3	12	15	0	0	0	4	23	4	2	3	1	0	5	7	7	2
		21	–	–	4.5	0.8	7.6	88	6.6	1	2	4	5	18	1	0	1	0	0	0	0	4	18	8	0	0	0	4	22	5	1	1	1	2	1	11	4	5
Eskdalemuir	237	3	1024.4	–	2.2	0.3	7.1	94	5.6	4	4	3	4	16	0	0	0	1	2	3	4	8	5	5	3	0	0	6	20	5	5	2	0	1	3	9	3	3
		9	1024.5	+13.8	1.7	0.3	6.8	94	6.5	1	2	5	3	18	2	0	1	2	0	1	7	9	4	5	2	0	1	6	22	2	5	2	0	3	1	7	4	7
		15	1024.3	–	3.8	0.6	7.3	90	6.2	0	4	5	10	11	1	0	1	0	0	2	2	5	6	10	5	0	1	8	19	3	2	1	0	0	6	8	5	6
		21	1025.1	–	2.5	0.3	7.1	94	6.2	2	3	4	4	16	2	0	0	2	2	1	3	11	2	6	4	0	3	4	19	5	4	2	0	1	5	7	3	4
2 ENGLAND E & NE																																										
Northumberland																																										
Boulmer	27	3	1023.3	–	4.5	1.0	7.3	84	4.6	2	9	5	10	5	0	0	0	0	0	0	3	5	6	9	8	0	2	5	24	0	0	2	0	0	6	7	14	2
		9	1023.5	+13.7	4.3	0.9	7.2	85	5.1	0	7	6	13	5	0	0	1	0	0	0	2	5	5	10	8	0	0	11	20	0	2	1	0	0	10	5	13	0
		15	1023.2	–	6.0	1.3	7.7	81	5.4	0	6	6	17	2	0	0	0	0	0	0	2	5	4	13	7	0	1	11	18	1	1	2	0	2	4	8	11	2
		21	1024.1	–	4.3	0.9	7.2	85	4.6	2	6	7	12	4	0	0	0	0	0	0	3	3	8	10	7	0	2	5	23	1	2	0	1	0	7	9	9	2
Tyne & Wear																																										
Newcastle Weather Centre (X)	47	3	1024.1	–	4.6	1.1	7.3	83	4.8	5	5	3	9	9	0	0	0	0	0	0	0	2	10	3	11	5	0	0	4	15	12	0	1	0	0	1	10	7	0
		9	1024.2	–	4.5	0.9	7.4	85	5.1	1	8	5	10	7	0	0	0	0	0	1	2	9	5	9	5	0	0	4	18	9	1	1	0	1	1	7	10	1
		15	1023.9	–	6.3	1.6	7.4	77	5.2	1	8	3	14	5	0	0	0	0	0	2	1	4	7	10	7	0	0	5	22	4	1	0	0	1	4	8	13	0
		21	1024.8	–	4.9	1.2	7.2	81	5.3	2	6	4	11	8	0	0	0	0	0	1	0	1	8	5	11	5	0	0	3	22	6	2	1	0	0	2	10	9	1
Tynemouth	40	3	1024.0	–	4.9	0.9	7.6	85	4.6	9	2	2	7	10	1	0	0	0	1	0	0	4	5	9	12	0	0	4	5	21	1	0	1	2	0	11	5	11	0
		9	1024.0	+13.7	4.8	0.9	7.7	86	5.4	1	7	3	12	8	0	0	0	0	0	1	3	8	11	8	0	0	4	9	17	1	1	1	0	0	12	4	10	2
		15	1023.9	–	6.4	1.3	8.0	81	5.2	1	7	3	16	4	0	0	0	0	0	1	0	4	9	7	10	0	0	2	10	17	2	1	1	0	0	9	4	13	1
		21	1024.7	–	5.1	1.0	7.6	85	4.4	10	1	4	7	9	0	0	0	0	1	0	3	7	8	12	0	0	2	9	19	1	2	1	0	0	6	10	10	1
North Yorkshire																																										
Fylingdales	262	3	1025.3	–	2.5	0.5	6.9	91	4.4	12	1	1	2	9	6	3	0	2	1	0	4	5	3	13	0	0	2	12	13	4	0	3	0	0	3	14	5	2
		9	1025.4	–	2.7	0.5	7.0	91	5.2	6	2	5	4	7	7	2	2	2	1	1	2	4	2	15	0	0	3	9	14	5	1	1	1	1	4	10	7	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Leeming	37	3	1025.2	–	3.8	0.8	7.3	88	5.8	5	2	2	6	11	5	0	1	3	3	3	3	5	2	7	4	0	3	4	20	4	3	1	0	6	6	4	6	1
		9	1025.2	+13.8	3.8	0.7	7.4	89	6.3	2	4	0	10	9	6	1	4	2	1	4	2	5	4	6	2	0	3	6	19	3	3	1	0	9	7	1	6	1
		15	1025.0	–	5.8	1.2	7.7	82	5.0	4	6	3	8	7	3	1	2	0	3	3	1	4	4	10	3	0	1	10	20	0	3	1	0	8	6	5	7	1
		21	1025.9	–	3.9	0.8	7.2	87	6.0	3	3	3	6	11	5	2	2	2	1	3	5	1	3	6	6	0	1	8	19	3	2	1	0	5	5	5	8	2
Humberside																																										
Bridlington MRSC	19	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1025.1	–	4.2	0.9	7.3	87	5.9	2	2	6	10	7	4	0	1	1	2	1	3	8	3	12	0	0	1	9	15	6	0	2	0	1	3	6	10	3
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1025.7	–	4.1	0.9	7.1	85	5.0	5	5	4	2	14	1	0	0	1	1	2	1	7	4	15	0	0	0	7	18	6	1	1	0	1	2	7	9	4
Easington	20	3	–	–	4.7	0.8	7.7	88	5.0	8	1	5	1	15	1	0	0	0	1	1	7	3	7	12	0	0	3	9	18	1	1	3	0	1	4	5	15	1
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	4.8	1.0	7.4	85	4.7	8	3	4	3	12	1	0	0	1	0	1	5	4	9	11	0	0	1	9	16	5	0	1	2	1	2	6	11	3
Lincolnshire																																										
Coningsby	8	3	1026.4	–	3.2	0.7	7.1	89	5.5	5	4	2	4	14	2	0	2	1	3	3	3	7	5	4	3	0	0	7	20	4	3	0	4	2	6	4	6	2
		9	1026.6	–	3.3	0.7	7.2	88	5.4	2	7	4	6	12	0	0	2	2	3	1	5	7	3	6	2	0	2	5	22	2	2	2	3	2	5	6	9	0
		15	1026.3	–	5.4	1.1	7.6	83	5.3	4	3	7	7	9	1	0	3	1	1	1	2	7	6	8	2	0	1	9	19	2	3	2	2	1	4	4	9	4
		21	1027.2	–	3.5	0.7	7.1	88	5.5	3	5	4	4	13	2	1	1	0	4	3	2	5	7	6	2	0	0	8	22	1	3	1	4	3	3	6	6	4
Waddington	70	3	1026.7	–	4.0	0.7	7.4	89	5.4	7	1	4	3	15	1	0	1	2	2	1	4	7	5	8	1	0	2	7	18	4	3	2	1	3	2	9	7	0
		9	1026.9	+14.3	4.1	0.6	7.7	90	6.0	2	4	2	9	13	1	0	1	4	1	3	4	6	3	6	3	1	1	7	19	3	3	0	3	2	2	11	6	1
		15	1026.6	–	5.3	1.0	7.6	84	5.0	5	5	4	6	10	1	0	1	2	2	1	0	10	5	5	5	0	0	11	16	4	1	3	1	1	3	7	7	4
		21	1027.5	–	3.9	0.7	7.3	88	5.2	6	4	3	4	13	1	0	1	0	2	3	3	8	8	4	2	0	0	10	18	3	3	1	3	3	2	7	8	1

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 EAST ANGLIA																																											
Norfolk																																										
Coltishall	19	3	1026.9	–	3.3	0.6	7.2	90	4.6	7	7	0	3	13	1	0	1	1	0	4	4	8	7	4	2	0	1	6	18	6	2	0	2	1	4	6	8	2
		9	1027.1	–	3.8	0.7	7.4	89	5.6	2	6	2	7	11	3	1	1	2	0	2	7	5	2	9	2	0	2	5	20	4	2	0	1	0	5	5	9	5
		15	1026.5	–	6.0	1.1	7.9	83	5.2	2	8	2	8	9	2	1	2	0	0	0	1	14	2	9	2	0	3	6	16	6	1	2	2	0	2	5	10	3
		21	1027.6	–	3.7	0.8	7.2	87	5.1	6	5	1	4	13	2	1	0	2	2	1	5	7	5	7	1	0	0	8	15	8	2	0	3	0	1	7	7	3
Hemsby	14	3	1026.8	–	3.8	0.7	7.4	89	5.2	7	3	2	4	14	1	1	0	3	0	1	4	6	6	7	3	0	2	8	19	2	2	0	0	4	4	7	9	3
		9	1027.1	–	4.3	0.7	7.6	89	5.6	2	5	3	8	11	2	0	3	0	2	2	9	3	2	8	2	0	2	6	20	3	1	0	1	2	4	8	10	2
		15	1026.4	–	6.0	1.0	8.1	85	5.9	2	2	7	7	11	2	2	1	0	0	1	4	9	2	9	3	0	4	7	16	4	2	1	2	1	0	9	9	3
		21	1027.5	–	4.3	0.8	7.4	87	5.1	7	3	2	4	15	0	2	0	1	0	1	8	4	2	10	3	0	2	10	18	1	2	0	2	2	2	11	8	3
Marham	24	3	1027.3	–	2.8	0.5	7.2	92	4.9	7	4	3	1	15	1	0	3	0	2	2	4	6	6	5	3	0	0	7	22	2	2	3	2	4	7	6	4	1
		9	1027.6	+ 14.5	3.0	0.5	7.3	91	5.2	2	8	2	5	13	1	1	0	3	1	2	4	4	8	5	3	0	1	7	22	1	4	1	3	4	6	4	7	1
		15	1027.0	–	5.5	0.9	8.0	87	5.0	3	6	4	8	10	0	0	1	1	0	1	5	9	3	8	3	0	2	7	21	1	3	3	4	2	2	7	7	2
		21	1028.1	–	3.2	0.5	7.2	91	5.1	5	4	4	6	11	1	0	0	3	2	2	2	8	4	7	3	0	0	10	19	2	3	2	2	5	6	4	5	2
Norwich	15	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Weather Centre (X)		9	1027.5	–	4.3	0.9	7.3	85	5.4	4	5	2	6	12	2	2	1	0	2	1	3	8	4	8	2	0	0	4	27	0	2	6	2	1	4	3	7	6
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1027.9	–	4.7	1.1	7.2	83	4.7	7	6	1	5	11	1	0	0	1	1	3	5	7	5	9	0	0	0	1	29	1	3	3	0	3	3	5	6	7
Cambridgeshire																																										
Wyton	43	3	1027.6	–	3.2	0.6	7.2	89	4.7	9	3	2	3	13	1	1	2	0	2	3	4	9	1	5	4	0	0	8	20	3	2	4	1	1	4	5	10	1
		9	1027.9	+ 14.5	3.4	0.7	7.3	90	5.5	2	7	1	8	12	1	1	1	0	1	3	5	9	2	1	8	0	1	5	23	2	2	3	2	1	4	7	9	1
		15	1027.4	–	5.5	1.1	7.7	84	5.2	4	4	4	9	10	0	0	0	1	1	2	4	10	2	7	4	0	1	6	22	2	3	2	4	2	2	5	7	4
		21	1028.4	–	3.7	0.8	7.2	87	5.3	4	3	6	7	11	0	1	1	0	1	3	3	11	1	5	5	0	0	8	21	2	1	5	2	0	3	9	8	1
Suffolk																																										
Honington	51	3	1027.2	–	2.9	0.5	7.1	91	4.3	11	2	2	4	12	0	0	0	2	2	2	4	11	3	4	3	0	2	6	19	4	2	2	3	0	6	4	9	1
		9	1027.6	+ 14.3	3.0	0.6	7.2	90	5.8	2	5	3	7	12	2	0	3	1	2	2	3	9	3	3	5	0	3	5	19	4	3	2	2	1	4	6	8	1
		15	1027.0	–	5.5	1.0	7.8	85	5.4	3	5	4	8	11	0	0	0	2	0	1	6	8	3	5	6	0	4	4	19	4	3	3	1	2	3	8	6	1
		21	1028.1	–	3.2	0.7	7.0	89	4.5	6	8	1	6	10	0	0	0	1	3	2	5	9	2	6	3	0	1	7	19	4	4	3	2	0	4	6	7	1
Wattisham	91	3	1027.6	–	3.5	0.6	7.2	89	4.6	9	4	1	2	14	1	0	1	0	3	3	2	10	4	4	4	0	1	8	21	1	2	3	3	2	5	7	7	1
		9	1028.0	–	3.5	0.7	7.2	88	5.0	4	6	3	5	13	0	0	2	1	1	1	3	9	4	5	5	0	4	5	22	0	3	4	2	1	5	9	6	1
		15	1027.3	–	5.7	1.1	7.8	83	5.5	2	6	4	6	13	0	0	0	0	1	1	7	6	7	8	1	0	4	5	21	1	0	6	2	1	5	9	5	2
		21	1028.4	–	3.8	0.8	7.1	88	4.5	9	3	2	6	10	1	1	0	2	1	0	4	12	6	2	3	0	1	9	20	1	3	3	2	2	6	5	7	2
Essex																																										
Stansted	102	3	1028.0	–	3.1	0.8	6.9	87	4.5	10	3	0	6	10	2	1	0	2	4	2	1	11	1	4	5	0	1	7	19	4	2	1	3	3	3	3	10	2
		9	1028.4	+ 14.6	3.4	0.8	7.1	87	5.4	2	6	3	10	10	0	0	0	1	5	2	4	9	4	2	4	0	0	6	24	1	2	4	5	2	2	3	10	2
		15	1027.6	–	5.9	1.3	7.6	81	4.9	2	9	2	7	11	0	0	0	0	0	3	2	12	4	5	5	0	1	7	22	1	3	2	4	4	1	5	9	2
		21	1028.8	–	3.5	0.8	6.9	86	4.8	6	3	5	8	8	1	1	0	1	3	2	2	9	3	7	3	0	0	9	22	0	1	4	4	2	4	8	6	2
4 MIDLAND COUNTIES																																										
West Yorkshire																																										
Leeds	60	3	1025.9	–	4.5	0.8	7.6	87	5.7	4	3	1	11	11	1	1	0	0	1	3	4	8	4	8	2	0	4	5	20	2	2	1	2	3	1	2	16	2
Weather Centre (X)		9	1026.0	–	4.9	0.8	7.9	88	5.8	1	6	3	7	12	2	0	1	1	1	4	4	7	5	6	2	0	5	4	22	0	1	0	2	2	3	4	12	7
		15	1025.8	–	6.3	1.2	8.0	83	6.0	1	6	1	9	12	2	0	2	1	0	3	1	7	10	5	2	0	5	8	18	0	0	2	1	6	1	4	12	5
		21	1026.7	–	4.6	0.8	7.6	88	5.5	3	5	1	13	7	2	1	1	2	1	2	8	5	9	1	0	2	8	21	0	1	3	1	3	3	0	14	6	
Wilsden	267	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1026.2	–	4.0	0.6	7.5	90	6.2	1	4	3	6	10	7	2	0	3	3	0	3	9	6	5	0	0	4	7	13	7	1	0	1	0	3	7	12	0
		15	1026.1	–	4.8	0.8	7.5	86	5.5	3	5	3	6	12	2	0	1	0	2	0	4	12	4	8	0	0	4	8	16	3	0	2	2	1	2	7	11	3
		21	1027.0	–	3.5	0.7	7.1	88	5.3	5	4	2	8	12	0	0	0	0	1	0	3	12	14	1	0	0	3	7	17	4	0	0	3	1	3	6	10	4
South Yorkshire																																										
Finningley	15	3	1026.3	–	3.7	0.8	7.3	88	5.3	6	3	1	9	11	1	2	1	0	2	5	1	7	5	4	4	0	3	4	17	7	1	2	0	3	6	3	7	2
		9	1026.3	+ 14.2	4.3	0.8	7.6	88	5.6	3	3	5	9	8	3	2	0	2	1	5	5	3	1	6	6	0	3	4	23	1	2	3	0	3	8	5	9	0
		15	1026.1	–	5.8	1.2	7.8	83	5.4	1	9	2	7	10	2	2	0	0	1	3	5	3	7	5	5	0	4	4	22	1	5	1	2	3	4	6	6	3
		21	1027.1	–	3.9	0.8	7.2	87	6.4	2	2	4	6	13	4	1	3	0	2	4	1	8	5	5	2	0	2	7	18	4	3	1	1	4	7	4	5	2
Nottinghamshire																																										
Nottingham	119	3	1027.2	–	3.9	0.7	7.4	88	5.5	5	5	0	5	14	2	0	1	2	4	2	3	4	7	4	4	0	1	5	24	1	3	3	2	1	2	9	9	1
Weather Centre (X)		9	1027.6	+ 14.9	4.0	0.7	7.5	89	6.2	1	5	1	8	14	2	1	2	2	3	2	4	8	5	2	2	0	0	9	22	0	3	3	2	0	2	16	4	1
		15	1027.2	–	5.3	1.2	7.5	82	5.7	1	3	6	11	8	2	2	0	1	0	0	4	12	6	3	3	0	0	10	20	1	0	7	0	0	4	10	8	1
		21	1028.0	–	4.0	0.9	7.2	86	5.0	5	6	2	5	12	1	0	1	0	1	2	3	13	3	5	3	0	0	8	21	2	1	4	2	0	4	11	6	1
Staffordshire																																										
Cellarhead	228	3	1027.0	–	3.8	0.6	7.4	89	6.6	2	1	4	3	15	6	0	2	2	2	2	1	13	9	0	0	0	2	6	19	4	0	3	4	4	3	2	8	3
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1027.8	–	3.6	0.7	7.2	88	5.9	5	0	4	4	16	2	0	2	0	0	0	5	15	9	0	0	0	0	8	19	4	0	2	6	2	4	4	6	3
Shropshire																																										
Shawbury	76	3	1027.5	–	4.1	0.9	7.2	96	6.3	2	3	3	6	14	3	0	1	1	5	4	0	6	3	10	1	0	3	4	17	7	1	1	6	0	3	3	9	1
		9	1027.7	+ 14.9	4.0	0.7	7.4	88	6.8	1	1	1	13	10	5	3	2	0	1	2	1	8	2	10	2	0	3	4	17	7	0	3	5	1	1	6	7	1
		15	1027.6	–	5.7	1.3	7.6	81	6.7	1	1	5	8	12	4	1	1	1	1	2	2	8	3	7	5	0	1	6	21	3	1	1	6	2	4	4	8	2
		21	1028.1	–	4.4	1.0	7.2	85	6.4	3	2	3	4	16	3	1	0	0	4	3	5	3	5	8	2	0	0	9	16	6	0	1	8	0	4	5	5	2
West Midlands																																										
Elmdon	99	3	1027.4	–	3.7	0.8	7.3	88	5.3	6	4	0	10	10	1	0	2	1	1	4	3	4	7	7	2	0	0	7	18	6	1	3	2	0	4	7	7	1
		9	1027.7	+ 14.5	3.6	0.7	7.4	88	6.4	1	4	1	9	12	4	0	3	2	2	3	2	5	6	7	1	0	1	5	19	6	1	3	2	0	4	7	8	0
		15	1027.3	–	5.6	1.2	7.6	82	6.2	1	5	1	10	12	2	1	0	1	0	1	1	10	6	9	2	0	1	7	23	0	1	4	2	3	7	3	8	3
		21	1028.1	–	3.9	0.9	7.1	86	5.7	6	1	1	11	12	0	0	0	0	3	4	2	8	7	6	1	0	0	5	20	6	0	2	3	1	3	6	8	2
Hereford & Worcester																																										
Great Malvern	46	9	1028.1	–	4.1	0.7	7.7	89	6.6	1	2	3	8	14	3	2	1	0	2	4	1	4	10	5	2	0	0	5	17	9	3	2	2	1	2	3	8	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
4 MIDLAND COUNTIES - Continued																																										
Hereford & Worcester - Continued																																										
Madley	79	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1028.9	–	4.1	0.7	7.5	89	–	–	–	–	–	–	–	1	1	1	3	4	1	11	2	7	0	0	0	6	9	16	1	1	2	0	3	1	3	4				
Oxfordshire																																										
Brize Norton	92	3	1028.4	–	3.4	0.6	7.3	89	5.1	7	4	1	4	14	1	1	0	3	2	1	1	9	4	6	4	0	1	5	21	4	1	9	2	0	1	4	7	3				
		9	1028.7	–	3.3	0.7	7.2	89	5.7	2	6	3	6	14	0	0	2	2	0	3	2	9	6	5	2	0	0	5	20	6	1	9	1	0	2	4	8	0				
		15	1028.1	–	5.7	1.2	7.7	82	5.3	3	6	3	8	10	1	1	0	0	0	3	4	8	6	6	3	0	0	5	24	2	1	7	5	1	0	5	8	2				
		21	1028.9	–	4.0	0.8	7.3	86	5.6	6	1	3	8	13	0	1	0	2	0	0	3	9	7	4	5	0	0	2	26	3	1	11	2	0	2	6	4	2				
5 ENGLAND SE & CENT. S																																										
Greater London																																										
Heathrow	26	3	1028.2	–	3.8	0.8	7.3	87	4.5	11	2	0	4	13	1	3	0	0	1	1	6	6	6	4	4	0	0	6	17	8	2	5	1	2	2	2	7	2				
		9	1028.6	+ 14.5	4.2	0.8	7.6	88	5.5	2	7	1	9	11	1	0	1	0	0	3	6	11	3	5	2	0	0	0	5	18	8	5	3	2	1	2	3	7	0			
		15	1027.8	–	7.2	1.8	7.8	75	5.1	1	9	3	7	10	1	1	0	0	0	0	4	7	7	8	4	0	0	0	5	22	4	3	2	4	3	1	5	8	1			
		21	1029.0	–	5.1	1.1	7.5	83	4.7	5	7	2	6	10	1	1	0	1	0	1	1	12	5	7	3	0	0	0	4	25	2	1	2	7	2	2	7	7	1			
London Weather Centre (X)	24	3	1027.9	–	5.8	1.3	7.6	81	4.3	11	3	1	2	14	0	0	0	0	0	0	5	9	8	7	2	0	0	0	8	23	0	0	9	3	0	4	5	8	2			
		9	1028.4	–	6.0	1.3	7.8	81	5.4	1	7	3	8	11	1	0	0	1	0	0	2	11	9	6	2	0	0	1	7	23	0	1	5	5	3	2	6	8	1			
		15	1027.6	–	8.0	2.1	7.8	71	5.0	3	7	3	10	8	0	0	0	0	1	0	3	6	8	9	4	0	1	12	18	0	0	8	4	1	1	4	8	5				
		21	1028.7	–	6.6	1.5	7.7	77	4.1	9	5	1	7	9	0	0	0	0	0	1	0	9	8	12	1	0	0	12	19	0	2	3	3	6	2	6	8	1				
Wiltshire																																										
Lyneham	149	3	1028.6	–	3.6	0.6	7.5	90	5.7	4	4	2	3	18	0	0	3	2	0	1	7	9	2	5	2	0	4	6	19	2	0	8	3	0	6	4	7	1				
		9	1028.9	+ 14.8	3.6	0.5	7.5	91	5.7	3	4	4	3	17	0	0	3	1	1	1	2	12	7	2	2	0	2	8	19	2	1	7	5	0	5	5	6	0				
		15	1028.3	–	5.5	1.1	7.7	83	5.5	4	5	2	5	15	0	0	1	0	1	2	4	8	8	4	3	0	4	6	20	1	1	6	4	1	4	5	7	2				
		21	1029.0	–	4.2	0.8	7.4	88	5.2	6	3	2	7	13	0	0	1	1	2	3	3	8	5	5	3	1	1	7	22	0	2	3	4	2	6	7	6	1				
Berkshire																																										
Easthampstead	75	9	1029.0	–	2.8	0.6	7.1	89	5.6	2	7	0	8	14	0	0	0	1	1	1	8	12	2	5	1	0	0	2	19	10	1	1	6	0	1	4	8	0				
		15	1028.3	–	6.3	1.5	7.6	78	4.9	4	8	0	8	11	0	0	1	0	0	0	3	11	5	7	4	0	0	0	4	24	3	2	4	5	0	1	6	8	2			
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kent																																										
Langdon Bay	121	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1028.6	–	5.5	0.9	8.0	86	5.7	4	2	4	5	15	1	1	0	0	0	0	4	7	8	11	0	1	4	15	8	3	2	1	5	2	4	3	8	3				
		15	1027.7	–	6.5	1.2	8.1	82	5.3	3	5	4	7	12	0	0	0	0	0	0	3	10	8	10	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1029.1	–	5.5	1.0	7.7	85	4.4	13	0	0	6	10	2	0	1	1	0	0	2	6	9	12	0	0	5	13	9	4	2	0	6	2	3	5	5	4				
Manston	45	3	1028.1	–	4.8	0.9	7.5	85	4.5	9	4	1	5	11	1	0	0	0	2	1	3	7	6	11	1	0	0	11	20	0	1	2	5	4	4	3	10	2				
		9	1028.6	–	5.1	1.0	7.7	85	5.1	3	7	3	7	11	0	0	0	0	0	1	4	9	8	9	0	0	1	10	18	2	2	2	5	4	2	4	8	2				
		15	1027.8	–	6.5	1.3	7.9	80	4.7	3	9	1	9	9	0	0	0	0	0	0	5	9	4	11	2	0	2	10	19	0	2	3	6	1	5	4	8	2				
		21	1029.1	–	4.4	1.0	7.2	84	4.5	8	4	3	5	10	1	0	1	0	0	2	3	9	7	8	1	0	1	7	20	3	1	2	6	1	5	5	6	2				
Ulcombe	47	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hampshire																																										
Solent	9	3	1028.9	–	5.8	1.0	7.9	84	5.2	8	2	2	2	17	0	0	0	0	0	1	1	6	11	12	0	0	4	6	15	6	2	5	3	1	2	2	8	2				
M R S C		9	1029.4	–	5.7	1.0	7.9	84	5.8	4	4	1	4	18	0	0	0	0	0	0	0	9	17	5	0	0	4	5	17	5	3	9	1	2	1	3	6	1				
		15	1028.6	–	7.8	1.8	8.1	75	5.9	2	3	5	6	15	0	0	0	0	0	0	1	7	18	5	0	1	4	5	16	5	1	6	4	2	1	5	5	2				
		21	1029.6	–	6.3	1.3	7.9	81	5.6	6	2	3	2	18	0	0	0	0	0	0	0	3	18	10	0	0	2	8	18	3	2	7	3	2	2	6	5	1				
Southampton Weather Centre (X)	9	3	1028.7	–	5.6	1.1	7.8	83	5.2	7	3	2	4	15	0	1	0	0	1	1	0	9	10	9	0	0	0	4	26	1	1	6	6	0	2	4	7	4				
		9	1029.3	–	5.3	1.0	7.7	84	5.9	3	4	1	8	15	0	0	0	0	0	0	4	12	9	6	0	0	0	3	27	1	1	5	8	2	1	1	8	4				
		15	1028.5	–	8.2	2.0	8.0	72	5.5	3	5	3	9	11	0	0	0	0	0	0	3	7	8	12	1	0	0	6	25	0	2	1	11	1	3	0	8	5				
		21	1029.4	–	6.3	1.3	7.9	80	5.0	6	5	1	8	11	0	0	1	0	0	1	1	8	10	10	0	0	0	2	29	0	1	3	9	0	4	2	8	4				
Isle of Wight																																										
St Catherine's Point	16	3	–	–	7.3	1.5	8.2	78	5.3	6	3	3	2	16	1	0	0	0	1	0	0	2	7	17	4	0	7	13	7	4	2	0	9	2	2	2	8	2				
		9	–	–	7.3	1.6	8.1	77	6.2	1	2	6	7	15	0	0	0	0	0	0	0	2	11	18	0	0	6	12	9	4	4	2	6	3	1	3	7	1				
		15	–	–	8.0	1.7	8.3	76	6.1	1	4	3	9	14	0	0	0	0	0	0	0	1	9	20	1	0	7	11	9	4	0	2	8	2	1	2	10	2				
		21	–	–	7.5	1.6	8.2	78	5.2	6	4	3	1	17	0	0	0	0	0	0	1	1	7	19	3	0	4	17	8	2	2	1	9	3	2	1	9	2				
Wellow	25	9	1029.4	–	5.1	0.7	8.1	90	6.3	3	3	2	2	20	1	1	0	1	1	0	4	13	6	5	0	0	3	5	21	2	0	1	10	4	1	2	9	2				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Sussex																																										
Gatwick	64	3	1028.8	–	3.0	0.7	7.0	88	4.8	10	2	0	5	13	1	0	1	1	2	1	6	8	4	6	2	0	0	6	15	10	0	6	2	0	2	4	7	0				
		9	1029.1	+ 14.6	3.1	0.7	7.1	88	5.1	4	7	0	8	12	0	0	0	1	0	3	4	12	5	3	3	0	0	7	13	11	4	0	4	1	1	5	5	0				
		15	1028.2	–	6.7	1.6	7.6	76	4.7	2	10	3	6	10	0	0	0	0	1	1	2	11	5	8	3	0	1	5	20	5	0	3	8	1	1	5	6	2				
		21	1029.5	–	3.4	0.8	7.1	87	4.6	5	8	1	6	11	0	1	1	0	1	0	3	13	5	5	2	0	0	1	20	10	1	4	3	0	1	5	6	1				
East Sussex																																										
Herstmonceux	25	3	1028.6	–	4.5	0.8	7.5	87	4.7	10	2	2	1	16	0	0	0	0	1	1	1	9	8	6	5	0	2	6	20	3	3	8	3	0	1	0	11	2				
		9	1029.1	–	4.2	0.8	7.4	86	5.2	2	9	0	7	13	0	0	0	0	0	1	3	8	12	4	3	0	4	4	20	3	2	9	3	1	2	2	8	1				
		15	1028.3	–	6.9	1.4	8.0	79	5.1	4	6	2	9	10	0	0	0	0	0	0	0	13	8	6	4	0	3	5	22	1	2	4	6	2	2	2	10	2				
		21	1029.5	–	4.7	0.9	7.5	85	5.0	4	7	2	5	12	1	0	0	0	1	1	4	5	10	5	5	0	1	5	24	1	3	8	5	1	0	3	7	3				
7A ENGLAND NW & I.o.M.																																										
Cumbria																																										
Aspatria	64	9	1025.0	–	4.4	0.5	7.9	91	6.6	0	4	2	11	13	1	1	0	0	0	2	1	5	8	10	4	0	1	8	11	11	0	1	1	0	1	8	8	1				
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1025.5	–	4.3	0.6	7.7	90	6.2	1	4	3	8	14	1	1	0	0	0	0	2	8	5	12	3	0	1	9	14	7	0	0	5	1	3	7	8	0				
Eskmeals	9	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
7A ENGLAND NW & I.o.M. - Continued																																											
Lancashire																																										
Aughton	56	3	1026.3	–	5.2	0.8	8.0	88	6.4	0	4	3	11	13	0	0	0	0	2	2	2	8	7	5	5	0	1	6	22	2	0	2	3	12	1	4	5	2
		9	1026.4	–	5.1	0.8	8.0	88	5.9	1	5	3	11	11	0	0	0	1	1	2	3	6	8	9	1	0	2	6	20	3	1	0	3	11	4	2	6	1
		15	1026.4	–	6.0	1.0	8.0	84	6.1	1	4	2	12	12	0	0	0	1	0	2	6	7	6	7	2	0	3	8	20	0	1	1	1	13	2	4	7	2
		21	1026.9	–	5.2	0.9	7.7	86	6.1	1	5	3	5	17	0	0	0	0	2	2	2	6	6	11	2	0	1	7	20	3	0	0	4	11	3	2	6	2
Squires Gate	11	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Merseyside																																										
Crosby	9	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1027.0	–	5.5	1.0	7.8	85	6.1	5	1	1	5	19	0	0	0	0	0	1	4	2	13	10	1	0	6	2	20	3	0	1	3	9	4	2	5	4
Greater Manchester																																										
Ringway	84	3	1026.9	–	4.7	0.8	7.7	88	5.8	3	4	1	10	13	0	0	0	0	0	3	6	9	6	7	0	0	2	4	22	3	1	3	3	2	8	2	7	2
		9	1026.9	+ 14.6	4.9	0.8	7.8	87	5.8	1	5	3	12	10	0	0	0	0	2	2	5	7	5	7	3	0	1	7	21	2	0	2	6	1	10	2	7	1
		15	1026.9	–	6.2	1.3	7.8	81	5.6	3	4	3	9	12	0	0	0	0	0	2	4	8	9	8	0	0	1	8	21	1	1	2	2	2	9	3	8	3
		21	1027.5	–	4.9	1.0	7.5	85	5.9	4	2	3	7	14	1	0	0	1	0	0	4	16	4	6	0	0	0	9	21	1	0	2	7	4	7	2	5	3
Isle of Man																																										
Calf of Man	93	3	–	–	–	–	–	–	6.7	0	0	9	1	20	1	0	0	0	1	0	0	0	4	24	2	1	5	12	13	0	1	0	0	3	12	8	7	0
		9	–	–	–	–	–	–	6.7	0	2	5	6	18	0	0	0	0	0	0	0	1	9	17	4	2	6	12	10	1	1	0	1	4	10	7	7	0
		15	–	–	–	–	–	–	6.4	0	2	8	7	13	1	0	0	0	1	0	0	1	6	20	3	3	4	14	10	0	0	0	1	5	10	8	7	0
		21	–	–	–	–	–	–	6.9	0	0	6	5	19	1	1	0	0	0	0	0	0	10	17	3	2	4	12	12	1	0	0	1	3	11	7	7	1
Point of Ayre	11	3	1024.4	–	7.4	0.8	9.2	88	5.5	3	4	5	5	14	0	0	0	0	0	0	0	1	8	20	2	1	5	11	12	2	0	1	2	6	5	6	6	3
		9	1024.3	+ 14.0	7.3	0.9	9.0	87	7.1	0	0	5	8	18	0	0	0	0	0	1	0	2	9	17	2	1	4	15	7	4	0	0	2	5	3	4	11	2
		15	1024.7	–	7.9	1.2	8.9	82	6.7	0	2	4	11	14	0	0	0	0	0	0	0	1	9	20	1	1	4	15	8	3	0	0	3	5	3	4	10	3
		21	1025.0	–	7.3	0.9	9.0	87	6.4	2	4	2	3	20	0	0	0	0	0	0	0	2	7	19	3	1	4	13	11	2	0	0	2	8	4	7	6	2
Ronaldsway	21	3	1025.1	–	7.6	1.1	8.9	84	6.6	0	3	3	10	15	0	0	0	0	0	0	2	7	12	7	3	0	3	15	13	0	2	0	6	3	4	10	5	1
		9	1025.1	+ 14.3	7.6	1.2	8.7	82	6.8	0	3	1	14	13	0	0	0	0	0	0	1	8	12	5	5	0	6	13	12	0	2	1	4	2	6	5	11	0
		15	1025.4	–	8.0	1.5	8.5	79	6.3	0	2	6	11	12	0	0	0	0	0	0	0	4	16	10	1	0	4	15	11	1	1	0	5	2	6	5	10	1
		21	1025.7	–	7.3	1.2	8.5	82	6.6	0	2	5	10	14	0	0	0	0	0	0	3	7	10	9	2	0	5	11	15	0	2	2	6	1	4	8	7	1
7B WALES N																																										
Gwynedd																																										
Nantmor	52	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	5.8	1.0	8.1	85	6.0	5	3	0	3	20	0	0	0	0	0	0	2	5	24	0	0	0	0	4	8	19	6	0	0	0	4	0	2	0
Valley	11	3	1026.5	–	6.7	1.2	8.3	82	5.8	3	5	2	4	17	0	0	0	0	0	0	0	9	6	13	3	0	5	8	16	2	2	1	2	2	7	8	6	1
		9	1026.5	+ 14.9	6.3	1.0	8.3	84	5.3	1	8	2	10	10	0	0	0	0	0	1	1	5	12	5	7	1	6	6	18	0	0	2	7	2	6	9	3	2
		15	1026.7	–	7.9	1.7	8.3	77	5.6	0	8	2	9	12	0	0	0	0	0	0	0	4	9	11	7	0	4	10	16	1	0	2	3	2	5	11	6	1
		21	1027.0	–	6.4	1.2	8.1	82	6.1	1	5	3	7	15	0	0	0	0	0	0	0	8	7	11	5	0	4	11	12	4	0	3	2	4	6	7	4	1
Clwyd																																										
Moel-y-Crio	263	9	1026.8	–	4.2	0.7	7.5	88	5.5	3	5	2	9	12	0	0	0	0	1	0	2	4	12	8	4	1	3	9	16	2	2	0	1	3	9	4	9	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1027.4	–	4.3	0.7	7.5	88	5.8	4	2	3	9	13	0	0	0	1	2	0	1	5	9	11	2	0	5	10	15	1	0	1	2	2	9	4	8	4
8A WALES S																																										
Dyfed																																										
Aberporth	134	3	1027.5	–	5.4	0.9	7.9	86	5.2	7	2	2	9	10	1	0	1	0	0	0	2	7	13	7	1	3	6	10	11	1	1	0	3	5	10	3	7	1
		9	1027.4	+ 14.7	5.6	0.9	8.0	85	6.2	1	4	2	11	13	0	0	0	0	0	0	1	12	9	7	2	4	4	11	11	1	1	0	4	4	11	2	6	2
		15	1027.3	–	6.7	1.2	8.2	82	6.2	1	4	3	7	16	0	0	0	0	1	0	1	6	16	4	3	2	5	12	12	0	1	0	4	5	10	3	4	4
		21	1027.9	–	5.6	1.0	7.9	84	5.4	4	5	1	9	12	0	0	0	0	0	1	2	6	13	8	1	2	6	9	14	0	1	0	6	3	8	5	6	2
Brawdy	116	3	1027.7	–	5.3	0.6	8.3	91	6.4	1	2	5	9	14	0	0	0	2	1	0	2	11	8	6	1	0	6	10	15	0	1	0	8	10	1	4	6	1
		9	1027.8	–	5.6	0.6	8.5	91	7.1	0	1	1	14	15	0	1	0	0	2	2	2	9	9	4	2	1	4	14	12	0	2	0	9	7	1	3	7	2
		15	1027.6	–	6.6	0.9	8.6	87	6.0	0	4	6	8	13	0	0	1	0	0	0	3	10	8	7	2	0	5	9	17	0	0	2	5	9	0	6	5	4
		21	1028.2	–	5.6	0.7	8.3	89	6.2	1	2	8	3	17	0	0	0	1	0	1	1	11	9	7	1	0	6	11	14	0	1	0	6	8	2	8	3	3
Milford Haven	39	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1028.2	+ 15.2	7.2	0.6	9.4	91	7.0	0	1	3	9	17	1	0	0	1	0	0	2	14	9	5	0	1	4	9	15	2	1	5	11	0	1	7	3	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1028.6	–	7.4	0.7	9.4	90	5.7	5	3	1	6	16	0	0	0	0	0	0	1	5	17	8	0	0	3	12	13	3	0	5	7	2	1	6	5	2
West Glamorgan																																										
Mumbles Head	32	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	1028.4	+ 14.8	6.7	0.5	9.2	93	6.8	0	4	1	5	20	1	0	0	0	1	1	5	9	11	4	0	1	4	11	14	1	1	2	13	1	3	3	6	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1028.8	–	6.8	0.7	9.0	89	6.1	4	1	3	3	20	0	0	0	0	0	0	1	6	18	6	0	0	3	18	8	2	1	1	11	3	0	2	8	3
Mid Glamorgan																																										
Cwmbargoed	372	9	–	–	3.8	0.4	7.6	92	6.5	1	3	2	7	16	2	1	1	0	5	1	1	8	6	8	0	2	3	3	15	8	0	0	7	5	0	1	6	4
South Glamorgan																																										
Rhoose	74	3	1028.6	–	4.9	0.7	7.9	89	5.8	3	4	2	7	14	1	1	1	1	0	0	5	7	11	4	1	0	5	7	19	0	1	8	9	2	1	0	10	0
		9	1028.7	+ 14.9	5.0	0.6	8.1	90	6.5	0	3	4	7	16	1	1	1	0	1	3	3	10	7	5	0	0	5	8	18	0	0	8	8	2	1	2	9	1
		15	1028.2	–	6.3	1.1	8.1	84	6.3	2	2	2	13	12	0	0	1	1	1	1	3	11	7	4	2	0	5	10	16	0	0	6	10	1	1	3	8	2
		21	1028.8	–	5.3	0.9	7.9	87	6.0	2	3	4	7	14	1	1	0	2	1	0	2	11	7	6	1	1	2	12	15	1	1	7	7	2	0	5	8	0
8B ENGLAND SW																																										
Avon																																										
Bristol	40	3	1028.2	–	5.1	1.0	7.7	85	5.6	3	3	5	6	13	1	0	1	0	0	1	8	11	4	6	0	0	1	4	16	10	0	3	5	1	1	2	8	1
Weather Centre (X)		9	1028.4	+ 14.6	5.3	1.0	7.8	85	6.2	2	4	1	7	16	1	0	0	1	1	2	5	11	6	5	0	0	2	2	19	8	1	7	4	0	0	2	9	0
		15	1027.9	–	6.9	1.5	8.0	79	6.0	3	2	2	13	10	1	0	1	0	1	0	6	9	10	4	0	0	0	5	18	8	0	1	9	1	0	4	7	1
		21	1028.6	–	5.7	1.2	7.8	82	5.7	4	3	2	9	13	0	0	0	1	1	1	5	14	4	5	0	0	0	5	16	10	0	5	4	0	1	5	6	0

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	Cloud amount: Oktas: 0	Cloud amount: Oktas: 1 - 2	Cloud amount: Oktas: 3 - 5	Cloud amount: Oktas: 6 - 7	Cloud amount: Oktas: 8	Cloud amount: Oktas: Sky obscured	Visibility: 0 - 39 m	Visibility: 40 - 190 m	Visibility: 200 - 390 m	Visibility: 400 - 990 m	Visibility: 1000 - 1900 m	Visibility: 2000 - 3900 m	Visibility: 4 - 9 km	Visibility: 10 - 19 km	Visibility: 20 - 39 km	Visibility: 40 km and over	Wind speed and direction: Beaufort force: 8 or more	Wind speed and direction: Beaufort force: 6-7	Wind speed and direction: Beaufort force: 4-5	Wind speed and direction: Beaufort force: 1-3	Wind speed and direction: Beaufort force: Calm	Wind speed and direction: Speed (kn): 34 or more	Wind speed and direction: Speed (kn): 22-33	Wind speed and direction: Speed (kn): 11-21	Wind speed and direction: Speed (kn): 1-10	Wind speed and direction: Speed (kn): 0	Wind speed and direction: N	Wind speed and direction: NE	Wind speed and direction: E	Wind speed and direction: SE	Wind speed and direction: S	Wind speed and direction: SW	Wind speed and direction: W	Wind speed and direction: NW
										Number of observations																																
8B ENGLAND SW - Continued																																											
Somerset																																											
Tivington	83	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	1029.1	—	5.5	0.9	8.1	86	6.0	1	3	4	12	11	0	1	0	0	1	2	2	16	5	4	0	0	2	4	25	0	0	0	14	4	0	1	9	3
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yeovilton	23	3	1028.8	—	4.4	0.7	7.7	89	5.4	4	4	5	2	16	0	0	0	2	0	2	4	7	9	7	0	0	1	6	13	11	0	1	7	1	1	2	6	2
		9	—	—	4.7	0.8	7.8	88	6.2	3	2	2	8	15	1	1	0	0	0	2	5	11	8	4	0	0	3	3	18	7	0	2	10	1	0	1	8	2
		15	1028.4	—	7.3	1.3	8.5	82	5.9	4	2	2	8	15	0	0	0	0	1	1	5	9	8	7	0	1	3	7	15	5	1	1	7	4	1	2	5	5
		21	1029.3	—	5.1	0.8	7.9	88	6.0	5	3	1	1	20	1	2	0	0	1	0	5	9	8	6	0	0	1	6	17	7	0	4	4	1	4	4	5	2
Dorset																																											
Hurn	11	3	1028.8	—	4.6	0.8	7.7	87	5.8	5	2	1	8	13	2	0	1	1	0	1	0	11	9	8	0	0	0	7	21	3	4	8	2	2	1	3	7	1
		9	1029.2	+ 14.4	4.1	0.7	7.6	88	6.0	2	5	0	10	14	0	0	0	0	0	2	1	16	6	6	0	0	0	2	5	23	1	6	9	1	1	1	8	4	0
		15	1028.4	—	7.5	1.6	8.1	76	5.9	2	4	3	10	11	1	0	0	0	1	0	2	10	7	11	0	0	1	8	20	2	2	7	5	1	3	3	7	1
		21	1029.4	—	5.1	0.9	7.8	86	5.5	4	3	2	11	10	1	0	1	0	0	1	3	10	7	8	1	0	0	5	25	1	2	10	2	1	2	6	5	2
Portland	54	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bill C.G.		15	1028.5	—	8.1	1.7	8.5	77	6.3	1	3	3	10	13	1	1	0	0	0	0	1	7	17	5	0	1	5	12	10	3	2	3	6	4	1	3	6	3
Devon																																											
Lundy	43	3	—	—	7.9	1.2	9.0	83	5.5	0	6	7	5	12	1	0	1	0	0	0	0	2	14	13	1	0	6	7	17	1	3	4	6	2	4	3	8	0
		9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	8.6	1.4	9.2	81	6.9	0	2	2	11	15	1	0	1	0	0	0	0	2	17	10	1	0	4	10	15	2	2	2	8	0	4	2	10	1
		21	—	—	8.2	1.2	9.1	83	6.0	0	5	6	5	14	1	0	0	1	0	0	0	1	16	11	2	0	3	11	14	3	5	2	7	0	2	4	8	0
Mount Batten	28	3	1028.8	—	6.8	1.1	8.4	84	5.5	5	3	3	8	12	0	0	0	0	0	1	0	13	10	7	0	0	3	6	17	5	0	4	11	0	2	2	6	1
		9	1029.2	+ 14.8	6.7	0.9	8.6	86	5.9	0	6	2	12	11	0	0	0	0	0	0	0	17	7	7	0	0	3	6	15	7	0	2	11	1	0	4	5	1
		15	1028.6	—	8.2	1.5	8.7	79	6.2	0	4	4	12	11	0	0	0	0	0	0	1	7	14	9	0	0	3	9	15	4	1	2	11	1	1	4	5	2
		21	1029.4	—	7.0	1.1	8.6	84	6.1	2	2	3	13	11	0	0	0	0	0	0	5	7	5	14	0	0	2	8	18	3	1	4	9	2	1	4	5	2
Cornwall																																											
Camborne	88	3	1028.7	—	7.4	1.2	8.6	82	5.4	3	5	4	8	11	0	0	0	1	0	0	2	7	11	9	1	0	3	15	13	0	2	0	7	8	5	2	5	2
		9	1028.9	—	7.4	1.1	8.8	84	5.7	0	8	2	6	15	0	0	1	0	0	0	3	8	12	5	2	0	6	9	16	0	1	3	10	5	3	4	4	1
		15	1028.5	—	8.4	1.5	8.9	79	6.1	0	7	0	13	11	0	0	0	1	0	1	2	9	10	6	2	1	5	13	12	0	2	2	6	6	4	4	4	3
		21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Culdrose	84	3	1028.6	—	7.7	1.0	9.1	85	5.5	1	6	7	3	14	0	0	0	0	1	0	0	12	11	7	0	0	6	12	13	0	0	4	6	8	2	3	5	3
		9	1028.9	—	7.7	0.9	9.3	87	6.2	0	2	8	5	16	0	1	0	0	0	0	2	15	9	4	0	0	6	11	13	1	1	2	12	2	3	2	7	1
		15	1028.4	—	8.8	1.2	9.5	83	6.7	0	0	8	6	17	0	0	1	1	0	0	3	9	11	6	0	0	4	17	10	0	1	2	8	6	1	5	5	3
		21	1029.2	—	7.9	0.9	9.4	87	6.2	0	5	2	12	12	0	0	0	0	1	0	0	13	12	5	0	0	4	15	12	0	2	2	11	3	2	2	7	2
Gwennap Head	70	3	1028.1	—	8.3	1.5	8.8	79	5.8	4	3	4	3	16	1	0	1	0	0	0	0	5	8	12	5	1	9	13	7	1	4	3	10	3	2	5	3	0
		9	1028.4	—	8.3	1.4	9.0	81	6.6	0	2	6	5	18	0	0	0	0	0	2	1	10	10	6	2	0	10	11	9	1	0	6	8	2	5	5	3	1
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1028.7	—	8.4	1.5	8.9	79	5.6	1	7	4	3	16	0	0	0	0	0	0	0	6	9	12	4	0	10	13	7	1	1	5	9	2	4	6	1	2
St Mawgan	107	3	1028.5	—	6.7	1.0	8.6	86	5.4	5	3	4	4	14	1	0	1	0	0	0	5	6	12	6	1	0	5	11	14	1	1	2	12	6	0	2	6	1
		9	1028.8	+ 14.6	6.8	0.8	8.9	88	5.8	1	6	2	11	11	0	0	0	0	0	1	6	10	10	4	0	1	5	8	17	0	0	3	10	6	3	4	4	1
		15	1028.3	—	8.1	1.3	9.0	82	6.0	0	7	0	14	10	0	0	0	2	0	1	1	10	11	3	3	0	5	13	12	1	1	4	7	6	1	5	5	1
		21	1029.1	—	6.7	0.9	8.7	86	5.4	1	7	4	7	12	0	0	0	0	0	0	4	10	8	8	1	0	7	9	15	0	2	1	12	3	5	3	3	2
CHANNEL ISLANDS																																											
Channel Islands																																										
Guernsey Airport	107	3	1029.1	—	6.6	1.3	8.1	80	5.0	6	5	1	6	13	0	0	0	0	0	0	1	12	9	6	3	0	5	14	10	2	0	2	12	2	3	2	6	2
		9	1029.5	—	6.9	1.2	8.3	81	5.4	1	7	3	12	8	0	0	1	0	0	0	2	10	11	4	3	1	5	12	13	0	1	3	12	3	3	1	5	3
		15	1028.7	—	7.7	1.6	8.3	77	5.2	2	7	2	12	8	0	0	0	0	0	0	1	12	5	11	2	1	4	13	12	1	1	2	10	5	2	3	4	3
		21	1029.8	—	7.0	1.4	8.2	80	4.5	6	7	1	9	8	0	0	0	0	0	0	2	12	8	7	2	0	4	16	11	0	2	0	10	4	4	2	6	3
Jersey Airport	94	3	1029.3	—	5.4	0.9	8.0	87	4.5	8	3	5	7	8	0	0	0	1	0	0	3	12	8	3	4	2	2	11	14	2	1	0	13	5	2	0	7	1
		9	1030.0	+ 14.5	5.5	0.9	8.1	87	5.4	4	4	3	9	11	0	0	0	0	0	1	3	11	11	3	2	1	4	12	13	1	0	2	14	2	3	2	4	3
		15	1029.2	—	7.1	1.3	8.3	81	4.7	5	6	3	8	9	0	0	0	0	0	0	1	14	4	10	2	0	5	10	15	1	0	2	11	3	3	2	6	3
		21	1030.2	—	5.6	0.9	8.0	85	4.3	8	4	4	6	9	0	0	0	0	0	0	4	10	7	8	2	0	3	15	11	2	1	0	12	3	4	3	4	2
NORTHERN IRELAND																																										
Antrim																																										
Aldergrove	73	3	1024.3	—	5.7	0.7	8.4	90	6.1	2	3	3	8	15	0	0	0	0	0	1	1	14	6	5	4	0	2	7	22	0	1	0	7	6	8	4	3	2
		9	1024.4	+ 14.3	5.3	0.6	8.2	90	6.9	0	2	1	15	13	0	0	0	0	1	0	4	11	8	4	3	0	2	6	22	1	1	0	2	7	10	4	6	0
		15	1024.8	—	6.5	0.9	8.5	87	6.6	0	3	3	14	11	0	1	0	1	0	3	0	11	6	8	1	0	0	10	19	2	0	0	4	2	9	4	8	2
		21	1024.9	—	5.5	0.7	8.1	89	6.5	1	1	6	10	13	0	0	0	0	0	1	2	14	5	8	1	0	1	8	21	1	0	1	3	8	7	9	1	1
Londonderry																																										
Carmoney	73	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Down																																										
Long Kesh	39	3	1024.6	—	5.6	0.7	8.4	90	5.8	5	0	5	6	15	0	0	0	0	0	1	5	11	4	10	0	0	0	5	19	7	0	0	4	1	2	3	13	1
		9	1024.6	—	5.2	0.8	8.0	88	6.7	0	1	4	14	12	0	0	0	0	1	1	4	11	8	6	0	0	0	6	21	4	1	1	2	3	3	4	9	4
		15	1024.9	—	7.2	1.1	8.6	84	6.0	0	4	5	10	12	0	0	0	0	0	2	2	9	8	8	2	0	0	7	18	6	1	0	2	3	1	3	9	6
		21	1025.1	—	5.3	0.7	8.1	90	6.4	2	2	2	10	15	0	0	0	0	0	1	5	11	6	7	1	0	0	6	20	5	1	0	4	3	3	2	11	2
Tyrone																																										
Carrigans	113	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	1024.5	—	6.2	0.6	8.7	91	7.1	1	1	3	4	22	0	0	0	0	0	0	0	4	16	11	0	0	0	0	11	14	6	0	0	2	11	6	1	4	1
Fermanagh																																										
Corgary	144	9	1024.3	—	6.1	1.0	8.1	85	6.8	0	0	6	10	15	0	0	0	0	0	0	1	18	9	3	0	0	0	5	5	11	10	1	0	2	8	2	3	5	0

Table 5 Number of days with max. and min. temperatures between given limits December 1991

Station	Maximum (deg C)								Minimum (deg C)								Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0		0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	1	3	27	0	0	0	0	0	0	0	0	2	21	8	0	0	Lowestoft	0	7	19	5	0	0	0	0	0	0	1	9	13	8	0	0
Kirkwall	0	5	23	3	0	0	0	0	0	0	0	1	23	7	0	0	Shawbury	4	4	17	6	0	0	0	0	0	0	5	6	9	9	2	0
Stornoway	0	2	23	6	0	0	0	0	0	0	0	1	14	16	0	0	Elmdon	4	5	16	6	0	0	0	0	0	1	6	4	9	9	2	0
Braemar	0	10	19	2	0	0	0	0	0	0	4	17	8	2	0	0	Heathrow	1	3	20	7	0	0	0	0	0	0	3	7	11	8	2	0
Crathorne	0	5	22	4	0	0	0	0	0	0	0	9	19	3	0	0	Southampton	0	3	17	11	0	0	0	0	0	0	0	8	13	9	1	0
Dunstaffnage	0	0	23	8	0	0	0	0	0	0	0	1	20	10	0	0	Hastings	0	2	20	9	0	0	0	0	0	0	0	2	19	9	1	0
Abbotsinch	2	4	23	2	0	0	0	0	0	0	2	6	14	9	0	0	Douglas	0	0	25	6	0	0	0	0	0	0	0	0	10	20	1	0
Rothesay	0	0	26	5	0	0	0	0	0	0	0	0	20	11	0	0	Ringway	0	5	20	6	0	0	0	0	0	0	2	4	15	8	2	0
Eskdalemuir	2	11	17	1	0	0	0	0	0	0	6	7	13	5	0	0	Valley	0	1	23	7	0	0	0	0	0	0	0	4	8	16	3	0
Boulmer	0	7	21	3	0	0	0	0	0	0	0	8	15	8	0	0	Aberporth	1	2	22	6	0	0	0	0	0	0	0	4	12	12	3	0
Leeming	3	6	16	6	0	0	0	0	0	0	3	6	14	6	2	0	Rhoose	2	4	20	5	0	0	0	0	0	0	6	11	12	2	0	
Hull	0	8	16	7	0	0	0	0	0	0	1	8	12	9	1	0	Falmouth	0	0	17	14	0	0	0	0	0	0	0	0	4	25	2	0
Cranwell	0	9	17	5	0	0	0	0	0	0	4	8	13	5	1	0	Aldergrove	0	1	28	2	0	0	0	0	0	0	0	4	14	12	1	0
Cambridge N I A B	2	5	16	8	0	0	0	0	0	0	4	9	10	8	0	0	Armagh	0	0	24	7	0	0	0	0	0	0	0	4	14	12	1	0

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn		Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed kn	Day	Hour beginning	Veer from N	Speed kn	Day Time
O SCOTLAND N																				
Shetland	Fair Isle	71	10	10	13 17-20 22 23 26 31	55	18	224	285	165	14	1	18.7	240	52	19	15	240	82	19 1130
	Lerwick	93	10	10	17-20 22 23 25 31	42	19	200	248	206	48	0	17.0	260	57	19	17	250	82	19 1736
	Sella Ness	16	10		3 13 18-20 22 23 25 26 29 31	73	19	183	241	204	43	0	17.8	290	52	19	20	290	76	19 2018
	Sumburgh	35	10	10	3 4 13 17-20 22 23 25 26 29 31	106	22	227	268	134	9	0	21.3	280	59	19	19	260	90	19 1036
Orkney	Kirkwall Airport	41	15	10	19 20 22 26 31	27	15	133	263	266	55	0	14.4	250	45	19	12	290	73	22 1330
Western Isles	Benbecula	16	10	10	17-19 22 31	30	11	113	368	205	28	0	15.0	220	43	31	23	210	71	31 2312
	Butt Of Lewis	43	10	10	13 17-20 22 23 25 31	107	25	193	354	85	5	0	21.0	220	62	31	23	240	96	31 2354
	Stornoway	12	10	10	22 31	7	10	73	394	196	74	0	13.1	210	45	31	23	210	79	31 2342
Highland	Aviemore	250	10	10		0	7	23	250	272	199	0	8.7	200	31	31	23	200	61	31 2248
	Dalcross	20	10	10	22 31	3	7	27	289	245	180	0	9.7	220	40	31	22	200	64	31 2230
	Duirinish	38	20	17	Defective record															
	Invergordon Harbour	19	16	06	13 31	9	8	69	220	223	223	0	9.9	230	39	31	21	220	59	31 2330
	Shin	24	10	10		0	4	14	108	181	432	9	5.4	250	26	19	10	260	55	19 1548
	Wick	45	10	10	19 26 31	5	11	70	220	338	111	0	10.8	200	41	31	23	260	59	19 2130
1 SCOTLAND E																				
Grampian	Aberdeen, Dyce Airport	68	10	10		0	3	7	190	282	265	0	7.2	200	28	31	22	310	41	26 1224
	Cairngorm	1075	10	10	12-14 17-20 22 25 26 28 29 31	173	22	154	204	174	33	6	21.2	240	61	31	23	240	96	31 2336
	Kinloss	18	13	13	22	1	6	26	264	256	197	0	9.1	260	35	22	13	250	59	22 1312
	Lossiemouth	17	10	10		0	7	24	238	287	195	0	8.7	230	30	31	23	230	53	31 2348
	Peterhead Harbour	34	30	15	31	2	8	56	308	288	90	0	11.3	200	35	31	22	190	49	31 2206
Tayside	Mylnefield	40	10	10		0	2	3	128	242	371	0	5.3	230	25	31	22	260	42	22 1542
	Tummel Bridge	161	16	16		0	1	1	62	202	463	16	4.3	290	22	22	16	240	50	31 2248
	Perth Aerodrome	118	10	10		0	3	5	194	260	248	37	7.3	230	26	31	23	230	47	31 2342
	Rannoch	307	17	17		0	9	63	182	204	294	1	8.6	240	32	31	23	270	51	19 0630
Fife	Leuchars	25	13	13	22	2	9	40	222	318	162	0	9.5	260	35	22	13	260	53	22 1312
Lothian	Edinburgh																			
	Turnhouse Airport	43	13	10		0	3	19	232	232	261	0	8.1	250	28	22	13	250	49	22 1042
	Royal Observatory, Blackford Hill	159	10	10	17	1	10	67	263	244	144	25	11.0	200	36	17	09	190	60	17 0918
	Forth Road Bridge	72		72	17 19 22 23 25 26 31	19	15	158	176	245	146	0	13.1	250	43	22	11	230	70	17 1606
	Leith	15	09		22 25 31	6	13	126	200	177	233	2	11.2	220	38	31	23			
Borders	Charter Hall	112		10		0	6	31	216	367	120	10	8.9	230	33	31	23	280	57	22 1142
6 SCOTLAND W																				
Strathclyde	Abbotsinch Airport	16	10	10		0	5	24	207	245	267	1	7.9	210	29	31	23	290	49	18 0318
	Blairlinnans	145	13	12		0	7	25	243	281	180	15	9.0	230	28	17	12	230	44	22 2130
	Dunstaffnage	13	10	10		0	7	54	169	370	151	0	9.2	270	33	19	21	290	63	23 1530
	Greenock Port	51	49			0	9	71	259	335	79	0	11.1	280	32	18	03	280	61	18 0318
	Inchterf	55	15	12	Defective record															
	Lowther Hill	754	27																	
	Machrihanish	10	10	10		0	11	116	265	258	95	10	12.1	300	33	20	09	280	59	18 0354
	Prestwick Airport	21	10	10		0	6	51	185	339	169	0	8.9	240	27	17	14	270	53	19 1924
	Salsburgh	275	15	11	19 22	9	11	126	330	253	26	0	14.1	230	39	22	20	270	58	18 0312
	Tiree	21	11	10	17 19 22 31	8	16	164	427	120	25	0	16.4	220	40	31	23	220	62	31 2354
Dumfries & Galloway	Chapelcross	64	15	15	22	2	5	20	177	242	285	18	7.4	280	35	22	15	280	49	22 1542
	Dumfries, Drungans	28	13	10		0	1	1	112	261	370	0	5.6	230	22	22	16	220	45	22 2012
	Eskdalemuir	259	10	10		0	2	4	157	247	336	0	6.3	230	26	31	21	300	46	19 1718
	West Freugh	24	10	10	Defective record															
	Whithorn	40	15			0	10	134	379	177	42	12	14.1	250	33	20	05	270	53	23 1718

Table 6 Summary of autographic records of wind

December 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed									Highest values							
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind				Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day	Hour beginning	Veer from N	Speed-kn	Day	Time
2 ENGLAND E & N E																					
Northumberland	Blyth	19	10	10																	
	Boulmer	33	10	10		0	8	32	206	373	133	0	8.8	240	30	17	14	240	51	17	1448
Tyne & Wear	South Shields	22	17	13	Defective record																
Durham	Burnhope	244	10	10		0	8	36	169	327	212	0	8.3	230	32	23	04	230	55	23	0412
Cleveland	Hartlepool	15	10	10		0	2	4	100	240	381	19	5.1	220	25	23	06	210	45	23	0700
North Yorkshire	Church Fenton	18	10	10	22 23	3	8	64	138	217	322	0	8.1	270	36	22	07	290	59	19	1542
	Fylingdales	242	10	10		0	10	67	199	319	159	0	9.9	200	32	23	06	200	57	23	0630
	Leeming	42	10	10	19 23	3	9	49	168	266	258	0	8.4	240	36	23	09	240	60	23	0918
	Linton-on-Ouse	24	10	10		0	4	21	139	210	374	0	6.0	240	29	23	06	270	50	23	1030
Humberside	Bridlington MRSC	31	16	18																	
	Spurn Point	17	10	10	20 23	4	9	105	261	268	87	19	11.9	270	36	23	11	280	61	23	1142
Lincolnshire	Coningsby	16	10	10		0	2	11	171	261	301	0	6.9	230	27	23	10	290	52	23	1206
	Cranwell	68	13	13	23	1	8	57	156	294	236	0	8.5	230	34	23	08	250	57	23	1148
	Scampton	68	10	10		0	6	29	185	359	170	1	8.4	240	32	23	11	280	53	23	1042
	Waddington	80	10	10		0	4	23	198	298	225	0	8.0	230	32	23	09	250	61	23	1148
3 EAST ANGLIA																					
Norfolk	Coltishall	27	10	10		0	4	24	168	244	297	11	7.4	240	30	23	07	250	50	23	1136
	Gorleston	16	13	13		0	4	15	247	230	252	0	8.2	240	27	23	13	260	55	23	1324
	Hemsby	26	13	13	23	1	6	57	200	270	216	0	9.0	280	36	23	13	270	71	23	1318
	Marham	29	10	10		0	4	28	169	263	284	0	7.4	230	31	23	12	240	55	23	1230
Cambridgeshire	Wittering	87	10	10	23	1	6	35	166	314	201	27	8.3	270	35	23	12	280	63	23	1212
	Wyton	45	10	10		0	6	26	161	329	228	0	7.8	250	29	23	12	250	62	23	1224
Suffolk	Honington	60	13	13		0	6	50	143	207	344	0	7.4	260	32	23	13	260	61	23	1300
	Wattisham	105	16	10	23	1	7	51	145	348	198	1	8.5	260	35	23	13	240	58	23	1306
Bedfordshire	Bedford	93	12	10	23	1	8	47	162	388	146	0	8.7	260	35	23	12	250	64	23	1230
Essex	Shoeburyness	12	10	10		0	2	7	203	304	230	0	7.7	270	27	23	13	270	54	23	1348
	Stansted	108	10	10		0	5	29	163	344	208	0	7.7	270	31	23	13	260	63	23	1242
	Walton On Naze	10	10	10		0	7	48	244	293	159	0	9.8	260	30	23	14	210	55	23	1318
4 MIDLAND COUNTIES																					
West Yorkshire	Leeds Weather Centre	43	10	10		0	9	78	153	210	303	0	8.6	280	33	22	12	280	72	23	1018
	Wilsden	272	10	10	22 23	7	10	79	201	251	201	5	10.4	260	35	22	06	260	63	22	0630
South Yorkshire	Finningley	19	10	10		0	6	23	155	240	326	0	6.9	230	31	23	05	290	56	23	1106
	High Bradfield	405	10	10	Defective record																
	Sheffield University	146	29	15		0	5	35	156	256	297	0	7.3	250	28	23	05	280	59	23	1112
Nottinghamshire	Nottingham Weather Centre	133	16	10		0	2	6	173	361	204	0	7.0	250	29	23	11	250	63	23	1100
Staffordshire	Cellarhead	241	13	8		0	4	24	154	327	235	4	7.4	250	30	23	10	250	60	23	1048
	Keele	162	10	10		0	4	22	173	333	216	0	7.6	290	28	23	10	290	59	23	1042
Shropshire	Shawbury	84	12	10	23	1	4	38	133	228	344	0	6.7	240	35	23	10	240	56	23	1030
West Midlands	Birmingham Elmdon Airport	108	10	10		0	2	4	149	296	294	1	6.3	250	27	23	11	240	53	23	1118
Hereford & Worcs	Preston Wynne	97	13	13	Defective record																
Oxfordshire	Benson	67	10	10		0	2	7	131	253	353	0	6.0	260	27	23	12	240	50	23	1206
	Brize Norton	91	13	10		0	2	4	137	326	277	0	6.7	240	28	23	11	250	58	23	1154
	Oxford	113	50	22		0	6	43	133	300	262	6	7.5	260	32	23	12	250	62	23	1154
5 ENGLAND S E & CENTRAL																					
Greater London	Heathrow Airport	34	10	10		0	1	1	86	188	469	0	4.5	260	22	23	13	270	50	23	1242
	London Weather Centre	93	70	38		0	6	21	229	354	140	0	9.0	250	32	23	12	270	60	23	1242
	Northolt	49	15	12		0	2	6	122	223	391	2	5.7	230	26	23	12	250	56	23	1236
Wiltshire	Boscombe Down	130	17	17	23	2	6	43	145	407	140	7	8.9	270	36	23	12	290	61	23	1254
	Larkhill	155	10	10	Defective record																
	Lyneham	156	10	10	21 23	3	5	31	135	392	183	0	7.9	250	36	23	11	230	71	23	1142
Kent	East Malling	33	12	10		0	1	1	110	146	487	0	3.7	270	22	23	13	260	45	21	1312
	Gravesend	25	20			0	1	2	150	299	283	10	6.3	280	22	23	22	210	52	18	0512
	Langdon Bay	117	12	12	23	6	9	81	359	220	78	0	12.9	240	43	23	12	250	68	23	1330
	Lydd Ranges	1	10	10	Defective record																
	Manston	62	10	10		0	3	15	197	315	217	0	8.0	220	27	23	12	260	49	23	1406
	Sheerness	50	44	10	17 19 21 23	12	10	118	244	235	129	6	12.6	290	38	21	15	300	63	17	2336
Hampshire	Farnborough	75	10	10	Defective record																
	Middle Wallop	94	10	10	21 23	3	5	41	128	294	254	24	7.7	270	35	23	12	270	56	23	1254
West Sussex	Gatwick Airport	69	13	13		0	2	6	136	232	370	0	5.5	260	29	23	13	260	47	23	1312
	Shoreham-by-Sea	21	11	15	Defective record																
East Sussex	Herstmonceux	27	10	10	23	2	5	46	129	306	261	0	7.9	260	35	23	13	250	55	23	1318
7A ENGLAND N W & I O M																					
Cumbria	Carlisle	41	15	9		0	6	47	159	251	287	0	7.8		32	22	17		56	22	1718
	Eskmeals	24	16	10		0	4	24	154	270	296	0	7.3	270	25	20	05	300	47	20	1242
	Great Dun Fell	857	10	10	5 13 14 17-19 21-23 25 26 31	136	21	168	254	101	25	60	21.9	250	58	22	14	230	72	22	1500
	Sellafield	22	10	10		0	4	43	147	319	235	0	7.7	280	31	20	05	280	52	20	1536
Lancashire	Aughton	68	14	10		0	4	36	158	359	191	0	8.6	230	29	23	07	250	52	23	1024
	Fleetwood	34	15	9		0	7	37	89	196	376	46	5.9	270	30	20	03	280	48	20	0324
	Squires Gate Airport	22	12	11	23	3	10	115	131	379	115	1	10.8	230	39	23	07	230	56	23	0718
Merseyside	Aigburth	38	23	11	Defective record																
Greater Manchester	Manchester Ringway Airport	80	10	10		0	6	26	162	337	219	0	8.0	260	27	23	10	240	46	23	1000
Isle Of Man	Point-of-Ayre	20	10	10	20 23 31	7	12	135	311	240	51	0	13.8	240	36	31	23	290	53	20	0848
	Ronaldsway	25	10	10		0	9	103	337	264	40	0	12.9	250	30	20	05	270	51	20	0818

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December 1991

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values							
					34 kn or more (Gale force)			22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust			
		Above MSL	Above ground	Effective	Dates of occurrence	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Day Hour beginning	Veer from N	Speed-kn	Day Time
7B WALES N																				
Gwynedd	Trawsfynydd	192	10	10		0	0	0	115	316	313	0	5 6	230	21	23 08	220	43	23 0630
	Valley	26	16	12	23	1	9	118	208	229	188	0	10 9	220	34	23 04	210	50	23 0424
8A WALES SOUTH																				
Dyfed	Aberporth	144	10	10	19-23	37	12	145	209	305	48	0	14 5	300	45	23 11	310	73	23 1212
	Brawdy	121	10	10	21 23	7	7	123	257	282	73	2	12 6	270	41	23 10	250	67	23 0942
	Milford Haven	50	13	10	23	4	7	88	287	249	112	4	11 6	240	37	23 09	260	62	23 1024
Mid Glamorgan	Cilfynydd	210	16	16		0	7	76	96	215	352	5	7 5	260	33	21 12	270	54	22 0024
South Glamorgan	Rhoose Airport	74	10	10	21 23	9	7	83	246	319	87	0	11 3	260	39	23 11	300	62	20 0524
8B ENGLAND S W																				
Avon	Avonmouth	28	19	10	19 21 22	3	9	104	120	341	173	3	9 9	260	36	21 23	280	46	19 1624
	Bristol Weather Centre	55	44	13		0	3	19	103	294	328	0	5 7	250	32	23 11	250	65	23 1100
	Oldbury-on-Severn	19	9			0	2	5	114	267	323	35	5 6	250	29	23 11	250	49	23 1106
Somerset	Hinkley Point	30	10	10	23	2	7	78	162	355	143	4	9 7	290	36	23 12	290	63	23 1230
	Yeovilton	34	12	10	23	3	6	43	145	300	233	20	8 3	310	41	23 14	300	60	23 1348
Dorset	Hurn Airport	23	13	11		0	4	13	130	371	230	0	7 0	260	30	23 12	260	53	23 1230
	Portland Bill C G	60	13	13	17 19-21 23	36	12	131	307	173	97	0	15 2	290	43	23 13	290	72	23 1254
Devon	Burrington	211	10	10	19 23	2	9	121	256	258	107	0	12 4	250	35	23 10	240	58	23 1006
	Chivenor	16	10	10	23	3	7	116	207	336	82	0	11 7	290	35	23 12	250	58	23 1018
	Exeter	35	10	10															
Cornwall	Camborne	98	10	10	20 21 23	6	13	129	257	262	90	0	12 7	280	34	23 10	300	64	20 0642
	Culdrose	104	23	20	5 19-22	28	18	196	263	203	54	0	16 1	310	41	20 08	290	67	19 1800
	Gwennap Head	76	10		19 20	9	13	222	273	208	28	4	15 5	270	40	20 06	260	68	20 0848
	St Mawgan	120	13	13	20	3	10	124	203	332	82	0	11 9	280	35	20 07	250	60	19 1930
CHANNEL ISLANDS																				
	Guernsey Airport	116	12	12	20 21	3	8	115	335	225	66	0	13 2	280	35	21 14	290	55	19 2148
	Jersey Airport	94	12	10	20	3	8	90	289	280	82	0	11 8	300	35	20 10	290	53	20 0748
NORTHERN IRELAND																				
Londonderry	Ballykelly	12		10																
	Coleraine University	30	10	10		0	5	19	165	360	200	0	7 6	270	25	22 08	280	46	22 0448
Antrim	Aldergrove	80	10	10		0	6	20	199	347	178	0	8 2	250	26	17 15	260	49	17 1818
	Ballypatrick Forest	165	13	13		0	5	16	274	323	129	2	9 2	310	24	23 17	310	52	23 1536
	Belfast Harbour	21	18	18																
Down	Kilkeel	36	19	14	Defective record															
	Killough	31	15	15		0	12	133	372	180	49	10	14 6	250	31	20 02	270	58	17 1754
	Long Kesh	47	10	10		0	1	2	163	277	302	0	6 4	300	22	21 11	270	43	22 1954
	Orlock Head	51	16	12	Defective record															
Tyrone	Carrigans	129	10	10		0	7	54	254	296	140	0	9 8	250	28	22 07	300	54	20 0936
Fermanagh	Castle Archdale Forest	79	13	13		0	0	0	161	330	244	9	6 7	240	20	21 08	240	46	21 0618

Table 3 Additions and corrections

Year Month & Station	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)										Bright sunshine		
	Means of		Daily mean (mean of A + B)	Difference from * 1951-80 average	Highest maximum		Lowest minimum					Most in a day	Precip-itation												
	Max. (A)	Min. (B)			Max.	Date	Min	Date	30 cm deg C	100 cm deg C	Total fall (mm)	Percentage of 1951-80 average	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of * 1951-80 average	Exposure
1991 May Cassley																	0		0	0	0								
Dalwhinnie											–																		
Dingwall																	0	0	0	0	0					0			
Duartmore Bridge											–						0		0		0								
Inverpolly																	0	0	0	0	0					0			
Braemar																	0		0	0	0								
Kindrogan																	0			0	0					0			
Perth Aerodrome																	0			0	0					0			
Edinburgh, Royal Observatory, Blackford Hill																	0			0	0					0			
Blythe																	0			0	0					0			
Auchincruive										9.0																			
Drumclog	13.6																												
Girvan	14.0	7.8	10.9		20.6	29	0.3	8			31		18	4	11	6	0	0	0	0	0	0	0	0	2		0	6.17		–
Orsay											21		7	12	15	5												5.54		
Saughall																														
Wycliffe Hall	13.1	5.2	9.1		18.0	24	–0.5	14			11		5	3	7	3	0	0	0	0	0	0	1		8		0			
Plymouth, Mount Batten																														S
Dungonnell Filters		4.8	8.																											
Loughgall	15.0																													
Strabane, Glen Road		6.8																												
Lisnaskea	16.0																													
Lough Navar Forest	15.0		10.2																											
1991 Sep Diabaig	–	–	–								–																	1		
Braemar																												1		
Edinburgh, Royal Observatory, Blackford Hill	–	–	–																									1		
Abington											–																			
Glasgow, Springburn Park											–																			
Pollok Country Park	–	–	–								–																			
Arrochymore											–																			
Ruthin																														S
Magherally										14.2																				

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THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 1000 U.D.C. 551 506 1 (41–4)

SUMMARY 1991

VOLUME 108 NUMBER 13

Stormy January, cold February; a generally warm spring; very cold, wet June, followed by three very warm months; dull October and November; dry December

WEATHER

The year 1991 was notable for being much less sunny than 1990. The storms of January and February 1991 were less severe than those of January and February 1990. Also notable was the generally cold, wet and dull June followed by three very warm months in succession, an event unparalleled this century. It was the driest year since 1975 and the eighth driest this century. The general values of sunshine for England and Wales for January and September were the highest since 1959; however, the year as a whole was rather dull. The winter of 1990/91 was generally cold and, in most areas, wet; many areas had more sunshine than usual, although it remained dull over part of north-west Scotland. The spring of 1991 was generally rather warm, wet in the north and west but dry in eastern areas, especially in north-east England, and rather dull in practically all parts of the United Kingdom. Despite the very cold and miserable June the summer as a whole was rather warm, rather dry and with average sunshine. Autumn as a whole was very warm, and was the second driest this century, with only 1904 being drier. A very dry December, with average temperatures and sunshine completed the year.

January — The weather was frequently stormy during the first week, with strong winds, rain and snow, and long sunny periods in between. On the 1st, periods of heavy rain aggravated by rapidly melting snow caused flooding in many areas of southern Scotland. On the 5th, gales coupled with high tides caused extensive and costly damage to parts of western and southern coasts from Strathclyde to Sussex, as the sea breached defences. There was considerable flooding in many areas and disruption to power supplies and transport, especially in the west. After the 10th the month was generally dry, although there was rain in many places between the 17th and 20th, and snow in some western areas on the 30th and 31st.

February — February was unsettled throughout, with cold weather and frequent falls of snow during the first half. Between the 6th and 14th snowfall was heavy in many places and it became very cold for a few days. After mid month it became somewhat milder, although remaining generally wet and at times windy.

March — The first three weeks were wet, although rainfall amounts were greater in western areas, and some parts of the east and south-east had less than the normal amounts. North-eastern coastal areas had cold and foggy weather between the 6th and 9th.

April — The weather was unsettled at the beginning of the month with rain or showers during the first week, and some sunny intervals. Rain was often prolonged and heavy over western areas. The second half of the month brought a wintry mixture of hail, sleet and snow showers, with longer periods of rain and a few sunny intervals.

May — During the first week troughs gave some rain in the north. A brief spell of fine weather during the second week gave some sharp overnight frosts. After the 10th the predominance of milder westerly winds prevented night frosts in all but a few locations and it was warm during the period, with some rain, mainly in the north-west. During the second half of the month the weather was mainly anticyclonic, although often cloudy, but it became sunny and very warm for a time around the 21st, before becoming cold again towards the end of the month.

June — This month was one of the dullest, coolest and wettest Junes this century over a wide area. The weather was generally unsettled, with outbreaks of rain or drizzle and more prolonged rain from time to time, heavy in places, or showers, often thundery and sometimes of hail. Sleet and snow fell on the Grampian Mountains on the 2nd and 3rd, and on the Southern Uplands on the 3rd; snow lay at Cairngorm Carpark for three days. Snow fell on the northern Pennines on the 3rd, hail was reported at Inverness, over North Yorkshire and north Norfolk, and thunder over Salisbury Plain. On the 23rd torrential rain over the south and west caused extensive flooding, particularly in Plymouth and Torquay, Devon and Bridport, Dorset, while some rivers burst their banks in Cornwall.

July — The weather was rather warm but changeable, with showers, sometimes accompanied by thunder, and longer periods of rain. Heavy rain fell in parts of Scotland, Northern Ireland and northern England on the 1st. During the afternoon of the 2nd rain spread across Kent and Sussex, where thunder was reported, later spreading across south-eastern England, East Anglia and the Midlands; thunderstorms occurred over North Wales and north-west England, with heavy showers, some of hail.

August — Persistent cloud and mist and kept sunshine amounts as well as temperatures low in some places in the west. Elsewhere, though, it was rather warm. Fronts, although they crossed all areas, soon weakened as they moved south-eastwards, giving negligible amounts of rain in the east. However, thundery showers produced localized heavy rainfall. A hail shower was reported over East Sussex on the 11th.

September — September was warm, especially in the south, and generally dry, but the during second half of the month it became less settled and cooler, with some areas of heavy rainfall, although southern areas remained warm until the last week. Showers were of sleet at Fair Isle, Shetland on the 22nd and 23rd.

October — Apart from a settled period from the 20th to 29th, the weather was generally rather unsettled. On the 31st, Winterbourne (Birmingham University), West Midlands reported serious local flooding on roads in Birmingham City Centre and Bidston, Merseyside reported torrential rain with flooding. At some places in south-east England the most significant rainfall of the month fell during the last two days. Hail was widespread between the 16th and 19th.

November — During the first fortnight it was generally unsettled with bands of rain affecting most areas, especially the north. The last two weeks of the month were generally quieter with some overnight fog.

December — Most parts of the United Kingdom had dry weather during the first two weeks. Over England and parts of southern and central Scotland a combination of very light winds and clear skies overnight produced some severe frosts between the 11th and 16th. The cold weather gave way gradually on the 16th and 17th to mild, moist Atlantic air, bringing rain to many places, with much of England and Wales having the first significant rainfall of the month. Heavy rain on the 21st accompanied by gale force winds washed away bridges, flooded roads

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DWR BAY (C SHELF)

In addition to this Summary each Annual Volume of the Monthly Weather Report includes 12 Monthly Parts and an explanatory Introduction

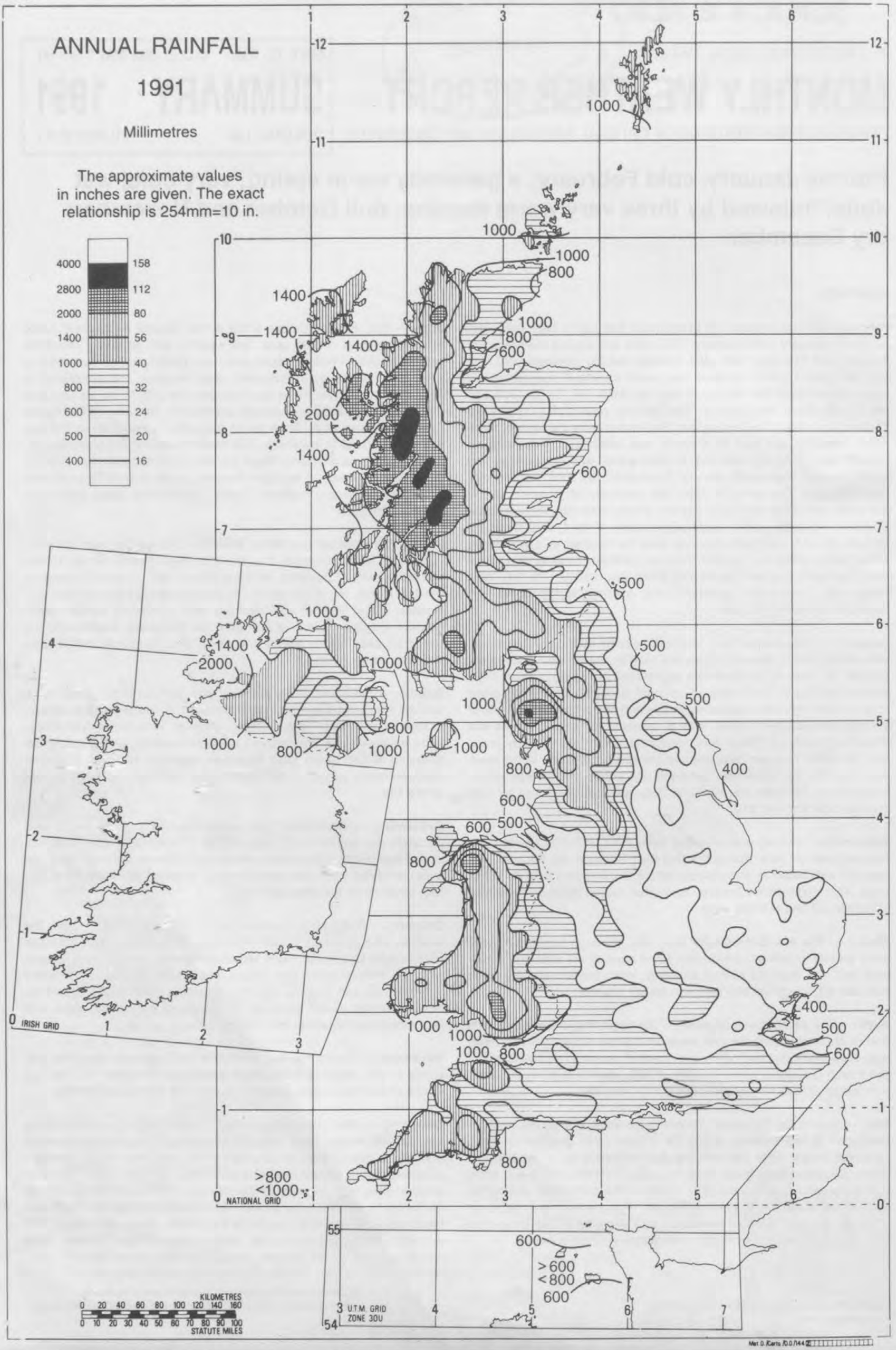
ANNUAL RAINFALL

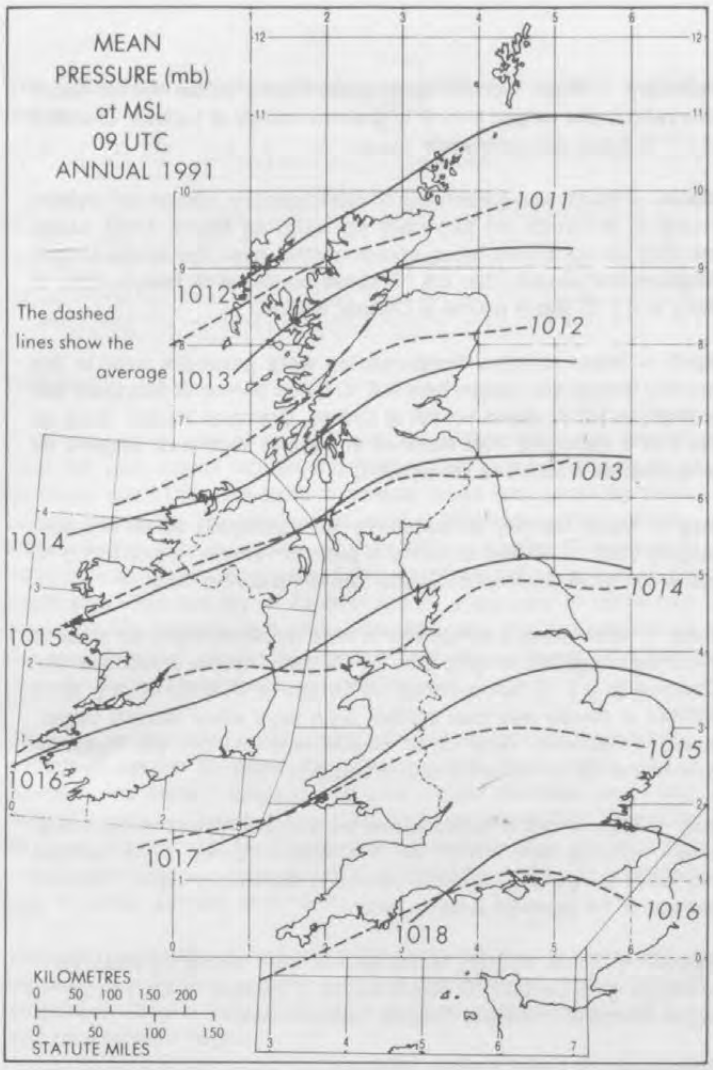
1991

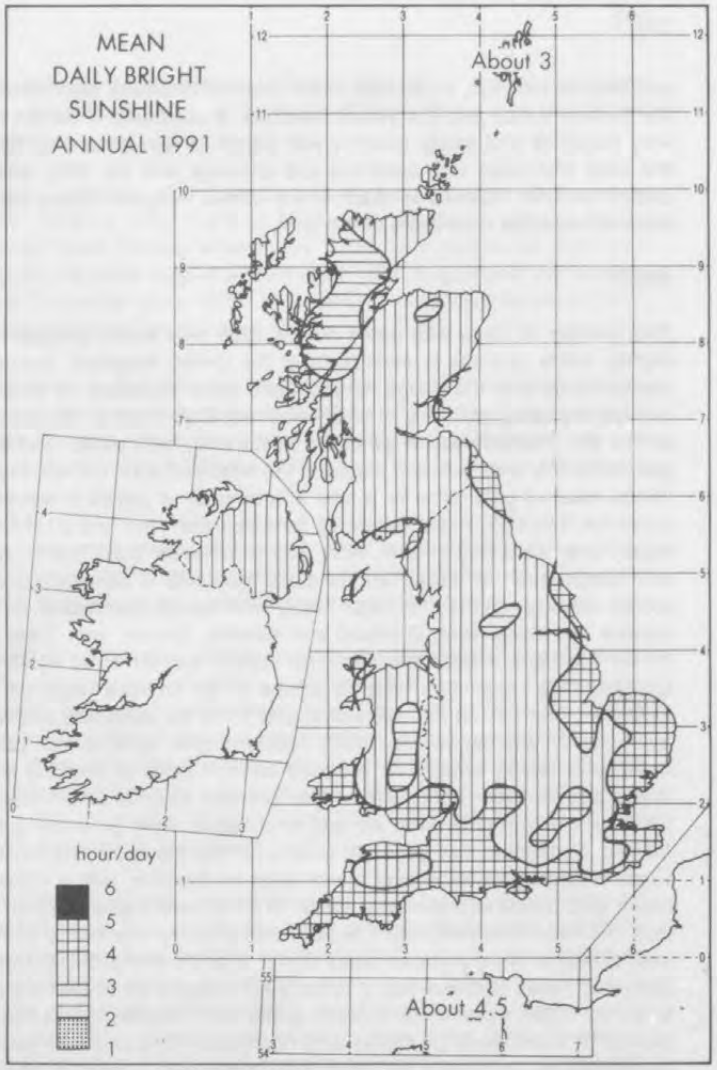
Millimetres

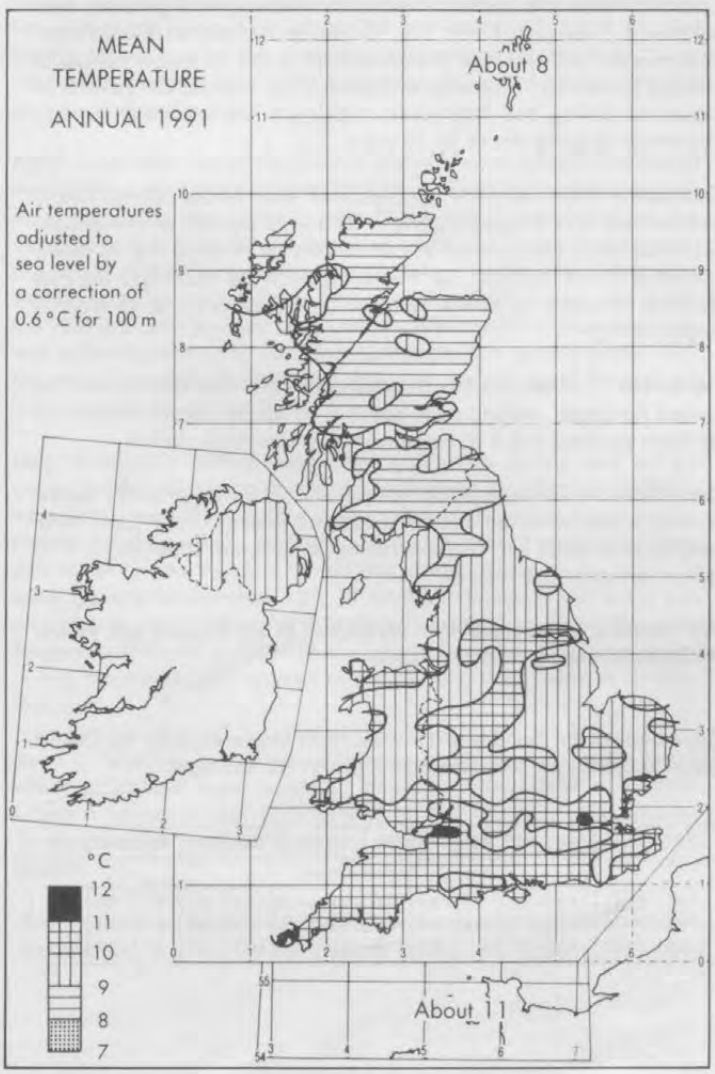
The approximate values in inches are given. The exact relationship is 254mm=10 in.

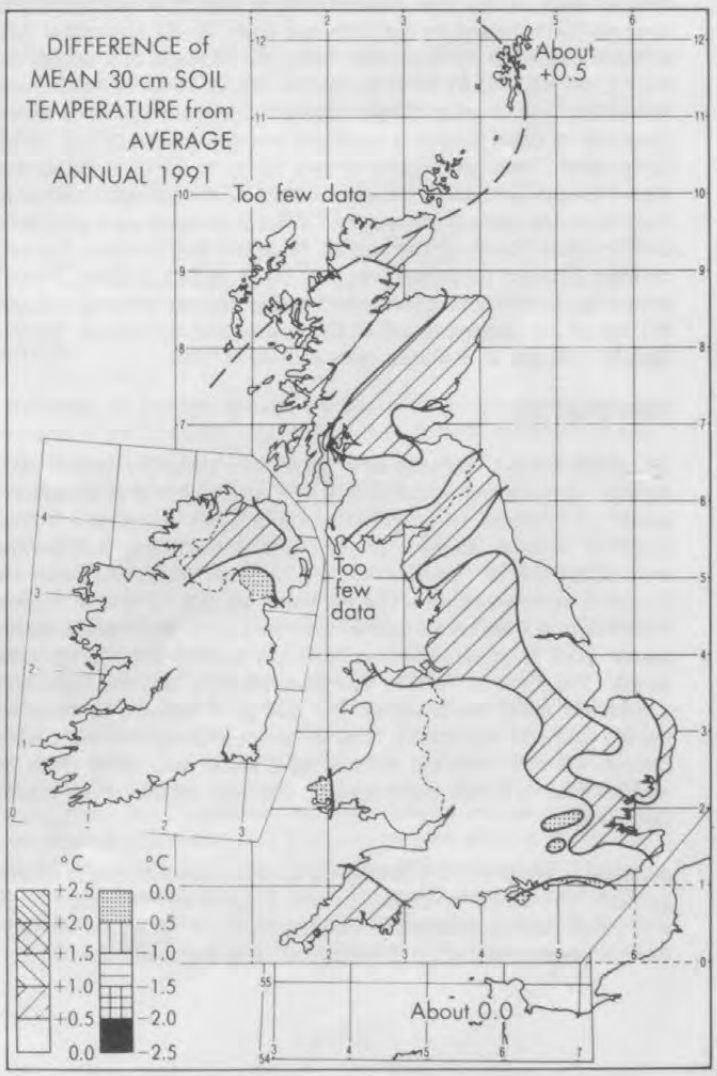
4000	158
2800	112
2000	80
1400	56
1000	40
800	32
600	24
500	20
400	16




MEAN
PRESSURE (mb)
at MSL
09 UTC
ANNUAL 1991
The dashed lines show the average
1011
1012
1012
1013
1013
1014
1014
1015
1015
1016
1016
1017
1018
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN
DAILY BRIGHT
SUNSHINE
ANNUAL 1991
About 3
hour/day
6
5
4
3
2
1
About 4.5


MEAN
TEMPERATURE
ANNUAL 1991
Air temperatures adjusted to sea level by a correction of 0.6 °C for 100 m
About 8
°C
12
11
10
9
8
7
About 11


DIFFERENCE of
MEAN 30 cm SOIL
TEMPERATURE from
AVERAGE
ANNUAL 1991
About +0.5
Too few data
Too few data
°C
+2.5
+2.0
+1.5
+1.0
+0.5
0.0
°C
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
About 0.0

and blocked railways, particularly in the areas of Sheffield, Manchester, the Severn Valley and the Welsh Marches. It continued unsettled as very disturbed and windy weather with bands of rain advancing from the west alternated with sunshine and showers until the 24th, when settled weather returned to much of the United Kingdom. Many parts became unsettled once more on the 31st.

WIND

The number of days with gales during 1991 was about average or slightly below average in most parts of the United Kingdom. January started windy over the United Kingdom and gusts exceeded 70 kn at a number of places, reaching 78 kn at Greenock Port, Strathclyde Region on the 5th. February was a generally quiet month, with winds reaching gale force only over exposed places in the west and north on four days. Winds reached gale force for a time at a number of places in western areas on 4 March, more generally between the 19th and 21st and locally over Kent on the 25th. April was a generally quiet month, but with winds fresh or strong on six days. May was a generally quiet month, although on the 21st mean hourly wind speeds reached 40 kn at Lerwick and Sella Ness, Shetland and Kirkwall, Orkney, with gusts of 60 kn: the highest gust at a low-level station was 61 kn at Lerwick. Elsewhere a mean hourly wind speed of 39 kn was reached at Culdrose, Cornwall on the 1st, with a gust to 52 kn. June was another quiet month, with winds only briefly reaching gale force on the 12th; there were strong winds over exposed western parts of England and Wales and the mean hourly wind speed reached 39 kn at Orlock Head, Co. Down, with a gust to 65 kn. July and August were generally quiet months. September was generally quiet until near the end of the month; winds reached gale force over a wide area on the 24th, with a highest mean wind speed at a low-level station of 51 kn and a gust of 71 kn at Butt of Lewis, Western Isles. The 28th was a windy day mainly in the south, with a highest mean wind of 42 n at Portland Bill, Dorset; Gwennap Head, Cornwall had a mean wind speed of 38 kn with a gust to 61 kn. Gales occurred in northern areas on 1 October, when many places in south-east Scotland and north-east England had gusts exceeding 60 kn; a gust of 75 kn was measured at Butt of Lewis, Western Isles, on the 16th. Further gusts of over 70 kn were measured over Northern Ireland on the 30th and 31st. On 12 November gusts exceeded 60 kn in many places; during the passage of a squally cold front gusts reached 81 kn at Aberporth, Dyfed, 79 kn at Ronaldsway, Isle of Man and 77 kn at Gwennap Head, Cornwall. Botwnnog School, Gwynedd reported extensive structural damage caused by the 'ferocity of the gale'. There were gusts of over 50 kn to 60 kn in places from west Wales to Kent on 23 December; a squall line brought down power lines in several parts of Shropshire. On the 31st winds were very strong over northern parts of the United Kingdom and several places in northern Scotland recorded gusts over 60 kn: at Butt of Lewis, Western Isles a gust of 96 kn was recorded during the late evening, equalling the record for December set at Stornoway and Benbecula, Western Isles in 1956 and at St Mary's, Isles of Scilly in 1935.

TEMPERATURE

Temperatures over the year as a whole were generally near or above normal. Temperatures were up to 0.6 °C above normal at a number of places in Scotland, Northern Ireland and North Wales and northern England, while in southern England and South Wales temperatures were about normal. However, in parts of South Wales and south-west England temperatures were as much as 0.3 °C below normal. Temperatures were below normal over the year in the Channel Islands, reaching 0.5 °C below normal on Guernsey and 0.2 °C below normal on Jersey. The winter of 1990/91 was generally cold, and was followed by a generally rather warm spring. The cold June followed by three very warm months in succession, was an event unparalleled this century. Despite the cold June the summer as a whole was rather warm and was followed by a very warm autumn. The year ended with an average December.

January — Mean monthly temperatures were above normal in northern Scotland and central and south-eastern England including East Anglia, and below normal elsewhere, ranging from 1.5 °C above normal at Bexhill, East Sussex to 1.5 °C below normal at the Lizard, Cornwall.

February — Mean monthly temperatures were below normal nearly everywhere and ranged from 0.1 °C below normal at Lerwick, Shetland to 2.7 °C below normal at Hurn, Dorset.

March — March was a warm month especially over central and eastern England, although not generally as warm as March 1990. Mean monthly temperatures were above normal over the whole United Kingdom and ranged from 0.9 °C above normal at St Mary's, Isles of Scilly to 3.1 °C above normal at Cromer, Norfolk.

April — Mean monthly temperatures were generally near to the monthly normal and ranged from 0.6 °C below normal at Sandown, Isle of Wight to 1.2 °C above normal at Kinloss, Grampian Region. Early on the 21st a damaging frost occurred in parts of south-east England as temperatures dropped as low as –4 °C.

May — Mean monthly temperatures were generally about average, ranging from 1.5 °C above normal in parts of Tayside Region to 1.6 °C below normal at Greenwich, Greater London and Wye, Kent.

June — Mean monthly temperatures were below normal in all areas of the United Kingdom, ranging from 2.7 °C below normal at Macclesfield, Cheshire to 0.7 °C below normal at Lowestoft, Suffolk. On the 5th a number of places had their coldest June night since records began, including Carnwath, Strathclyde Region, with –3.8 °C, the lowest for June at that station since the record began in 1952.

July — Mean monthly temperatures were above normal nearly everywhere, ranging from more than 3 °C above normal in the western Highlands to nearly 1 °C below normal in the Isles of Scilly. Scotland had one of the warmest Julys on record.

August — Mean monthly temperatures were above normal everywhere, ranging from 0.2 °C above normal in the Isles of Scilly to 2.6 °C above normal at Stanstead Abbotts, Hertford-shire.

September — Mean monthly temperatures were above normal over England, Wales and Northern Ireland, but below normal generally over Scotland, ranging from 1.9 °C above normal at Penkridge, Staffordshire and Malvern, Worcestershire to 0.4 °C below normal at Camps Reservoir, Strathclyde Region. The highest temperatures occurred during the first week, making it the warmest start to September in some places for 30 years.

October — Mean monthly temperatures were below normal nearly everywhere and ranged from 0.4 °C above normal at Penkridge, Staffordshire to near normal in parts of the far north to 1.6 °C below normal at Castle Archdale, Co. Fermanagh. On the morning of the 21st Bedford recorded its lowest October temperature since its records began in 1957.

November — Mean monthly temperatures were near normal over the United Kingdom, ranging from about 1 °C above normal in parts of northern Scotland to 0.5 °C below normal at Lowestoft, Suffolk.

December — Mean monthly temperatures were generally below normal in southern and eastern areas but above normal elsewhere, ranging from about 1.5 °C above normal in north-west Scotland to 1 °C below normal in East Sussex.

The following tables have been completed for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

Departures of the monthly and annual mean temperature for the District Value Stations from the corresponding 1951–80 averages.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
	degrees Celsius												
(a)	−0.1	−1.9	+2.2	+0.1	−0.3	−1.9	+1.4	+1.5	+1.1	−0.4	+0.1	0.0	+0.2
(b)	−0.3	−0.7	+1.6	+0.3	+0.5	−1.7	+1.9	+1.5	+0.2	−0.5	+0.2	+0.7	+0.3
(c)	−0.5	−1.0	+1.7	+0.1	+0.6	−1.5	+1.9	+1.5	+0.9	−0.7	0.0	+1.2	+0.4

The highest and lowest temperature recorded at any station in each month.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
	degrees Celsius												
(a) Max	14.6	14.8	20.8	23.5	26.0	23.3	32.1	29.9	29.8	24.2	16.4	15.6	32.1
Min	-8.6	-16.0	-3.5	-4.7	-0.8	-0.8	5.3	1.8	-2.3	-3.5	-5.9	-13.3	-16.0
(b) Max	12.6	12.9	18.3	19.8	24.2	22.0	30.4	28.6	28.0	20.3	15.9	14.5	30.4
Min	-14.2	-14.8	-6.0	-7.1	-5.0	-2.2	4.1	2.1	-3.7	-2.8	-8.4	-10.2	-14.8
(c) Max	13.2	14.1	15.5	17.5	22.0	20.9	27.2	27.4	26.6	17.5	14.6	14.5	27.4
Min	-8.0	-8.6	-5.3	-3.5	-2.5	-2.4	5.0	1.6	-3.2	-1.4	-6.6	-6.4	-8.6

RAINFALL

It was the driest year since 1975 and the eighth driest this century. Over the year rainfall was around normal over Cumbria and much of Scotland apart from the eastern coastal areas and generally below normal elsewhere. The driest areas were Humberside and Lincolnshire where rainfall amounts were less than 70% of normal. The winter of 1990/91 was wet in most areas. The spring of 1991 was wet in the north and west but dry in eastern areas, especially in north-east England. The summer as a whole was rather dry, and was followed by the second driest autumn this century, with only autumn 1904 being drier. A very dry December completed the year.

January — Monthly rainfall totals were above normal everywhere, except in eastern Scotland, the Western Isles, East Anglia, and in northern and eastern England; the area around Aberdeen had about 30% of normal and nearby Fyvie Castle had as little as 20% of normal. In contrast Ardtalnaig, Tayside Region and Newton Rigg, Cumbria had more than 160% of normal rainfall. Over Northern Ireland as a whole it was the driest January since 1972.

February — Monthly rainfall totals were above normal in most parts of eastern Scotland and eastern England and generally below normal elsewhere, ranging from 187% at Durham to as little as 36% at Fort William, Highland Region.

March — Monthly rainfall totals were above normal nearly everywhere, the exceptions being parts of central and eastern England and the northernmost part of the Western Isles where rainfall was below normal, and ranged from 178% at Tynemouth, Tyne & Wear to as little as 40% at Manston, Kent.

April — Monthly rainfall totals were above normal everywhere except over eastern Scotland and much of northern England, and ranged from more than twice the normal in parts of western Cornwall and western Scotland to less than half the normal in north-east England and around the Moray Firth. On the 10th, Isle of Rum, Highland Region had its wettest April day since records began there in 1958. Heavy rain during the 29th and 30th doubled the month's totals in parts of the south-east, with some places having their wettest April day this century on the 29th, the wettest day over England and Wales as a whole since the very wet Bank Holiday, 25 August 1986.

May — Monthly rainfall totals were well below normal everywhere except for the northernmost part of the Scottish mainland where totals were just above normal. The percentage of normal at Cape Wrath, Highland Region, 124%, contrasts with that in parts of western Scotland and much of south-west England and South Wales where amounts were generally less than 10% of normal. Glasgow had what was probably its driest May since 1868 and it was the driest May over England and Wales since 1896. As little as 2 mm of rain was recorded during the month at a number of places, and only 1 mm at St Ives, Cornwall.

June — Monthly rainfall amounts were above normal nearly everywhere apart from some scattered locations, mainly in western areas where it remained dry, with as little as half the normal in western Scotland, contrasting with nearly three times the normal in East Sussex.

July — Monthly rainfall totals were above normal in northern Scotland, Shetland and Orkney, the Forth–Clyde Valley, and England and Wales south of a line from Anglesey to Essex, and below normal elsewhere, and ranged from 280% in the Isles of Scilly to as little as 26% in Lincolnshire.

August — Monthly rainfall amounts were below normal nearly everywhere, ranging from 112% at Stornoway, Western Isles to 5% at Hastings, East Sussex where only 3 mm was measured. This was generally the driest August since that of 1976. August was the driest at Valley, Gwynedd since 1976, at Coventry, Warwickshire since 1947, and over Northern Ireland since 1983.

September — Monthly rainfall totals were generally below normal except in north-western parts of Scotland and parts of southern and eastern England where they were about or above normal, and ranged from 168% at Woburn, Bedfordshire to as little as 26% at Edinburgh, Royal Observatory.

October — Monthly rainfall amounts were above normal in the west and in the north-east, but below normal in central Scotland and in central and eastern England, ranging from 166% at Braemar, Grampian Region to as little as 30% at Greenwich, Greater London.

November — Monthly rainfall amounts were generally above normal north of a line from Preston, Lancashire to Scarborough, North Yorkshire, apart from some places around the Firth of Forth, the Firth of Tay, and Tyneside, Tyne and Wear, where rainfall was below normal. South of the line most places except South Wales, the south Midlands, and parts of East Anglia and Kent were generally dry. Amounts ranged from 198% of normal at Prestwick, Strathclyde Region to 56% of normal at Sparsholt, Hampshire.

December — Monthly rainfall amounts were below normal over the United Kingdom as a whole, and much of southern England and South Wales had less than half the normal rainfall amount, with as little as 14% of average falling at Odiham, Hampshire. In contrast, 144% of average rainfall fell at Holme Moss, West Yorkshire. The rainfall value for England and Wales for the month makes it the driest December since 1988. Northern Ireland had the wettest December since 1986, ending a sequence of five dry Decembers.

The following table gives monthly and annual rainfall amounts for the District Value Stations, expressed as percentages of the corresponding 1951–80 averages for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
	per cent												
(a)	108	98	118	124	22	148	100	36	77	96	99	53	88
(b)	102	85	128	152	47	138	87	56	101	115	147	90	105
(c)	93	73	148	181	14	126	78	41	62	106	133	109	97

THUNDER

The frequency of thunder through the year was greater than usual in many parts of the United Kingdom. Thundery outbreaks were frequent and widespread between 3 and 10 January and a broad area of thundery activity crossed south-east England on the 11th. A thunderstorm was reported to the west of London on 27 February. Thunder was reported in Surrey and Berkshire on 21 March, in the Thames Valley, the Cotswolds and Cornwall on 22 March and there was an isolated thunderstorm in the Thames Valley on the 23rd. Thundery outbreaks occurred on 12 April over parts of central and south-eastern England and on 21 April over Essex. Further thundery outbreaks occurred over Wales, the Midlands and Cornwall on 26 April. On 7 May thundery showers, locally heavy, occurred over parts of southern England and South Wales. Thunderstorm frequency was very high during June, particularly in eastern areas and during the second half of the month, with thunder occurring somewhere in the United Kingdom on nearly every day. Thunderstorms, some severe, moved northwards over southern England late on 5 July, and crossed parts of Wales and the Midlands during the night; further thunderstorms occurred over Wales and north-west England early on the 6th and became widespread on the 7th. Lightning caused structural damage in North Wales and Scotland on the 8th. Thundery outbreaks over south-west England

on 23 July became widespread by the evening, with the south-east being worst affected. The main thundery activity moved to East Anglia and eastern England on the 24th. A severe thunderstorm over East Anglia and south-east England on 1 August caused flooding and disrupted traffic; lightning killed one person in Kent and injured two in Essex, and caused structural damage in south-east London. Thunder occurred over north-east England late on the 6th, north-west England on the 16th and Scotland and north-east England on the 17th. Isolated thunderstorms occurred on the 21st. Thunder occurred on the 22nd over southern Scotland, Wales and south-west England and on the 23rd over Wales and south-east England. Late on the 30th lightning was observed over Cornwall and the Channel Islands as thunderstorms drifted northwards over the English Channel. Further thunderstorms occurred over Cornwall and South Wales on the 31st. There were thundery outbreaks over eastern Scotland from Aberdeen to Berwick on 16 September. Thunder was reported over Somerset and Dorset later on the 25th, and thundery showers became widespread over central southern and eastern England on the 26th. Scattered thunderstorms on the 27th gave some prolonged spells of rain, some of it heavy. Thunderstorms occurred over central southern England later on the 28th, spreading over parts of south-east England and East Anglia on the 29th. Thundery activity was reported over Manchester on 1 October, Orkney and Shetland on the 3rd and 4th, east Devon on the 8th, 9th and 11th and in the south-west on the 18th. Thunder occurred locally on 1 November and was widespread on the 3rd over England and Wales. Thunder was reported over western Scotland on 11 November and became widespread over Wales and northern and eastern England between the 11th and 14th. Overnight on the 12th/13th violent thunderstorms were reported over Cumbria. Thunderstorms were reported at Abbotsinch, Strathclyde Region on 18 December and at Prestwick, Strathclyde Region on the 18th and 20th.

SNOW

January — Between the 3rd and 5th snow showers were frequent and heavy enough over Scotland to disrupt traffic. Snow or sleet fell as far south as the Cotswolds on the 6th and 7th and Shropshire on the 9th. Snowfall was heavy over southern Scotland on the 8th and caused severe traffic problems in the area of Burnhope, Co. Durham. Early on the 12th snow fell as far south as Derbyshire and the hills of South Wales with 12 cm of level snow reported lying on the Southern Uplands. Snow fell on the 13th, 14th, and 16th, mainly over Scotland, and sleet over parts of South Yorkshire and the east Midlands on the 17th. Some snowfall was reported on high ground in Wales on the 25th. On the 26th there was an isolated report of sleet in East Anglia, but during the 27th further falls of snow were reported over Wales, north-west England and the Midlands. The 27th was unusual for the persistence of snow grain precipitation over Wales; snow grains lasted all day and past dusk in the Brecon area. On the 29th snow fell over North Wales and eastern England. On the 30th snow or sleet fell in western and southern areas, with snow depths of about 5 cm reported on high ground in South Wales and the south Midlands. The depth of lying snow increased to 15 cm over high ground in South Wales and 10 cm over north Devon on the 31st. In the Brecon area untreated roads were very slippery on the morning of the 31st with a covering of snow over ice; nearly 5 cm of snow was lying later on the 31st.

February — On the 1st there were widespread falls of sleet and snow. Early on the 2nd there was an area of snow and sleet over mainly central areas of England and Wales. On the 6th, generally light falls of snow came to eastern and central areas; Anvil Green, Kent reported 6 cm of snow lying. During the 7th most places had further showers or longer periods of snow, with some falls of heavy snow from northern to south-eastern England. By late evening some places had up to 14 cm of level snow lying. Heavy snowfall on the afternoon of the 7th brought much of Powys to a standstill for about 36 hours. Local press reported snow depths of 30 cm in many parts; transport in the vicinity of the Brecon Beacons was badly affected, with four major roads closed, including the Brecon to Merthyr and the road over the Black Mountains: all were reopened by the 9th but many minor roads were impassable. Early on the 8th snow fell in many places in the south-east. By late morning there were snow depths of up to 20 m generally, but depths varied, with 47 cm at Wilsden, West Yorkshire and 35 m at Pencelli, Powys, while the 20 cm in central London was probably the greatest depth there since the end of December 1962. Later on the 10th snow showers fell mainly over eastern areas, and were heavy in places, adding further to the snow cover. On the 22nd further snow came to some parts of the west and north. Some places in north-east England and eastern Scotland had snow or sleet during the night of the 27th/28th.

March — Isolated outbreaks of sleet or snow were reported over eastern coastal areas from the Humber northwards on the 22nd and 23rd.

April — During 18, 19 and 20 April there were wintry showers over eastern parts of England and Scotland. On the morning of the 20th when the cold spell was at its height, 17 cm of level snow lay at the Cairngorm Carpark.

May — During the first few days snow fell in places on the northern Pennines, but in general there was little snow lying anywhere except on the highest summits of the mountains in Scotland and northern England.

June — In the north-west Highlands snow lay from the 3rd to 5th at 750 m and from the 1st to 10th above 900 m. On the Cairngorm Mountains snow lay only in sheltered corries and gullies on the 1st; however, snowfall on the 2nd and 3rd lay at 750 m until the 5th and at 1200 m until the 8th; after that there were patches only in sheltered corries and gullies for the rest of the month. Sleet fell at Balhall Lodge, near Brechin on the 2nd. On the 19th the remains of fresh snow cover above 1000 m were observed on the Cairngorm Mountains. Falls of sleet were reported at Crathes, Grampian Region on the 2nd, 3rd and 4th. Precipitation fell as snow above about 200 m on the 3rd at Fetternear, near Aberdeen and lay for a time on ground above 300 m. Snow lay on the 2nd above 450 m, on the 3rd at 600 m and on the 4th at 750 m in the north of Tayside Region. Snow lay for a short time on the 2nd in Cumbria. At the same time lying snow was observed (in the central Highlands) briefly on the 2nd above about 600 m, on the 3rd at 900 m and on the 4th over 1000 m; thereafter patches only remained and by the 28th a few patches only were visible on Ben Lawers and Ben More.

July — A few patches remained on Ben Lawers and Ben More and by the 16th only the patch on Ben More known as the cuidhe crom ('the crooked wreath', one of the very few named patches in the country) remained. This also disappeared by the 23rd. On the Cairngorms only very small scattered areas of snow remained visible.

August — Only very small scattered areas of snow remained visible.

September — Fresh snow was reported on the Cairngorm Mountains on the 22nd, with a thin cover over 1000 m on the 27th to 29th and down to 900 m on the 30th. The first autumn snow cover was observed in the central Highlands above 1000 m on the 23rd, but it was gone by noon.

October — Sleet fell at Wick, Highland Region on the 3rd and over Orkney on the 16th. Snow fell over higher ground over northern England and southern Scotland on the 16th. On the 18th Fair Isle, Shetland reported sleet, while Aviemore, Highland Region reported snow and sleet, with a trace of snow lying. Further falls of sleet were reported in north-east Scotland on the 19th and 20th.

November — Sleet was reported over Fair Isle, Shetland on the 2nd, and snow as far south as South Wales on the 3rd, when 3 cm of snow lay on the Pennines. Further sleet and snow on the 4th over Scotland and northern England gave 2 cm of level snow on the higher parts of the Pennines. Scotland had sleet and snow for a time on the 6th and wintry showers on the 7th. On the 8th there were further outbreaks of snow and sleet over Scotland and northern England giving a dusting of snow lying. On the 13th sleet and snow fell in many areas as far south as Devon and Cornwall. During the 16th sleet was reported in places as far apart as Aberdeen and Merthyr Tydfil. On the 17th there was sleet and snow for a time over high ground in Scotland and northern England.

December — Some snow fell at times in the north up until the 24th, especially over the hills. On the 20th snow fell as far south as Cambridgeshire and sleet was reported as far as southern Hampshire. Some snow fell on the 21st, mainly over high ground in Scotland, and sleet was reported as far south as the Midlands.

SUNSHINE

The year 1991 was notable for being much less sunny than 1990, with most places having totals about 400 hours less than in the previous year. However, sunshine amounts for the year were near normal over the United Kingdom as a whole. The general values of sunshine for England and Wales for January and September were the highest since 1959; however, the year as a whole was rather dull. The spring was rather dull in practically all parts of the United Kingdom. April and May were generally dull. The summer as a whole was average. June was a dull month, while in July very dull conditions in the south-west contrasted with sunny conditions in the east. August was generally sunny. September was sunny, October was dull, and November was dull nearly everywhere. A December with average sunshine completed the year.

January — Monthly sunshine amounts were above average nearly everywhere, although it was rather dull over much of western and south-western Scotland, and ranged from 202% of average at Tynemouth, Tyne and Wear to as little as 69% of average at Kinlochewe, Highland Region. It was the sunniest January over Northern Ireland since 1959 and at Wick, Highland Region since records began there in 1946.

February — Monthly sunshine amounts were generally above average in western areas and below average on eastern coasts, ranging from 142% at Tiree, Strathclyde to 62% at Boulmer, Northumberland.

March — Monthly sunshine amounts were below average nearly everywhere apart from a few places in East Anglia and along the south coast, where values were average or just above average, ranging from 104% of average at Falmouth, Cornwall to as little as 39% of average at Bradford, West Yorkshire.

April — Monthly sunshine amounts were generally above average in eastern areas but below average in western areas, ranging from 129% of average at Edinburgh, East Craigs, Lothian Region to a rather dull 73% of average at Stornoway, Western Isles. Stornoway recorded its dullest April since 1975 whereas Lerwick had its sunniest April since 1970.

May — Monthly sunshine amounts were below average nearly everywhere, the exceptions being parts of western Scotland, Devon and Cornwall where sunshine amounts were just above average; amounts ranged from 111% of average at Machrihanish, Strathclyde Region to 60% of average at Manchester.

June — Monthly sunshine amounts were below average everywhere except for a few places mainly in northern Scotland where they were above or near normal, and ranged from 109% of average at Tiree, Strathclyde Region to 50% of average at Bexhill, East Sussex. The month was one of the dullest Junes this century over a wide area.

July — Monthly sunshine amounts were above average over western-most areas of Scotland and the whole of England apart from the south-west peninsula, and below average elsewhere, ranging from 138% at Cromer, Norfolk to just over 50% in west Cornwall.

August — Monthly sunshine amounts were above average nearly everywhere and ranged from 153% at Wye, Kent to 82% at Benbecula, Western Isles. Sunshine amounts were generally higher than those of August 1990 in north-western areas, although not reaching the high values of July 1991. Northern Ireland had its sunniest August since 1977.

September — Monthly sunshine totals were above normal nearly everywhere except for one or two places on the coasts of southern and eastern England and ranged from 168% at Camps Reservoir, Strathclyde Region to 98% at Mayflower Park, Southampton.

October — Monthly sunshine amounts were below average nearly everywhere, except for eastern Kent and parts of the Midlands where sunshine was just above average, and ranged from 106% at Keele, Staffordshire and Nottingham to less than 50% at Kinlochewe, Highland Region.

November — Monthly sunshine amounts were below average nearly everywhere apart from a few locations in southern and eastern Scotland and northern England and ranged from 124% at Dumfries, Dumfries and Galloway and Buxton, Derbyshire to only 50% at Aberporth, Dyfed.

December — Monthly sunshine amounts were above average in many eastern areas, but generally dull in northern and western areas, exceeding 140% of average in the London area and around Tyneside, but with less than 40% of the average sunshine in much of the Scottish Highlands. Northern Ireland reported the dullest December, together with that of December 1981, since 1977.

The following table gives monthly and annual values of sunshine for the District Value Stations, expressed as percentages of the corresponding 1951–80 averages for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
	per cent												
(a)	138	94	79	102	75	71	104	124	129	86	84	99	97
(b)	125	94	80	104	88	84	100	106	135	78	89	71	96
(c)	138	85	85	99	88	77	103	114	162	90	103	72	99

The ten stations with complete records which had the highest sunshine totals were:

Station	Hours	Station	Hours
Bognor Regis, West Sussex	1837.2	Eastbourne, East Sussex	1741.5
Shanklin, Isle of Wight	1814.5	Herne Bay, Kent	1729.6
Folkestone, Kent	1779.7	St Helier, Jersey	1725.2
Ventnor, Isle of Wight	1778.3	Southsea, Hampshire	1710.8
Rustington, West Sussex	1741.5	Bournemouth (Kings Park), Dorset	1710.7

The three stations in Northern Ireland, Scotland and Wales which had the highest sunshine totals were:

Northern Ireland		Scotland		Wales	
Station	Hours	Station	Hours	Station	Hours
Silent Valley, Co. Down	1401.6	Whithorn, Dumfries & Galloway	1499.3	Dale Fort, Dyfed	1702.3
Ballywatticock, Co. Down	1340.4	Leuchars, Fife	1494.8	Valley, Gwynedd	1552.4
Lough Cowey Co. Down	1335.2	Prestwick, Strathclyde	1462.0	Brawdy, Dyfed	1552.4

The stations which had the highest sunshine totals in each month are listed below. Where the highest total occurred in the Channel Islands, the station with the next highest total (outside the Channel Islands) has also been included.

Month	Station	Hours
January	Tynemouth, Tyne and Wear	97.0
February	Bude, Cornwall	117.0
March	L'Ancresse, Guernsey	131.5
	Plymouth, Devon	130.6
April	Eastbourne, East Sussex	195.9
May	Bastreet, Cornwall	236.1
June	Tiree, Strathclyde	216.7
July	Shanklin, Isle of Wight	253.5
August	Hastings, East Sussex	300.2
September	L'Ancresse, Guernsey	207.5
	Morley St Botolph, Norfolk	205.6
October	Folkestone, Kent	132.0
November	Ventnor, Isle of Wight	75.9
December	St Helier, Jersey	80.9
	Herne Bay, Kent	76.1

FOG

January — Patchy fog occurred overnight on the 14th over Wales, the Midlands, East Anglia and southern England, and became dense in places. Parts of southern England and East Anglia had dense fog later on the 17th. Fog formed over parts of England early on the 18th, and on the 21st over much of Northern Ireland and parts of England and Wales. Fog patches persisted all day over parts of England and Wales on the 22nd; it formed over parts of Wales and northern England on the 23rd and 24th, persisting over Yorkshire for a time on the 23rd. Further fog patches occurred over northern England and eastern Scotland on the 25th. Some fog occurred over hills on the 27th and 28th; the incidence of coastal fog was negligible.

February — Some fog formed overnight over southern England on the 1st. On the 2nd it remained foggy for much of the day over north-east England and fog formed elsewhere during the evening. On the 3rd England and Wales had fog patches, some dense and freezing. Overnight fog formed early on the 18th, clearing around midday in most places, to give a sunny afternoon generally, although persisting in some places until mid afternoon. On the 19th and 20th the south and east remained foggy. Early on the 25th there was widespread fog in central and southern areas.

March — Overnight fog formed frequently between the 1st and 15th and was persistent on the 12th especially over eastern Scotland and north-east England. Southern parts of England had patches of thick fog by dawn on the 13th. Further patchy fog formed on the 14th and 15th, on the 22nd over East Anglia, and on the 25th over Scotland. Fog was thick in eastern England on the 29th and 30th, becoming widespread, and in south-west England and South Wales on the 31st. Hill and coastal fog occurred frequently during the month.

April — Overnight fog formed quite widely in southern and eastern England between the 9th and 13th, and over southern and central Scotland on the 14th. Areas of fog developed over central and eastern areas of England and Wales on the 26th and 27th and over East Anglia and the north-east coast on the 29th. Coastal fog occurred in the south and west on the 8th and 9th, and was persistent all day on the south and west coasts on the 11th and in the west later on the 29th. Some hill fog occurred over Wales and southern England on the 1st, 11th and 30th.

May — Overnight fog patches formed over England on the 9th, 10th, 21st and 24th. Some patches were of thick fog on the 25th in the south-east. Patchy fog occurred over hills mainly in the south on the 18th and in the south-west on the 21st; some hill fog occurred on the southern Pennines on the 27th and over the Scottish Highlands on the 31st. Fog patches affected southern and western coasts on the 12th, 14th, 19th, 21st and 22nd, northern coasts on the 17th and 23rd, western and northern coasts on the 26th, coasts of Northern Ireland, western Scotland, Wales, East Anglia, and southern England on the 27th, and the far north of Scotland on the 29th and 30th.

June — Some overnight fog patches formed on the 5th, 7th, 17th and 19th mainly in central and eastern parts of England. Fog patches formed over a wide area on the 20th but were quick to clear. Hill fog occurred in mainly central areas early on the 6th and 21st. There was extensive patchy fog over England and Wales on the 24th and a few short-lived fog patches on the 29th. Hill fog patches occurred over high ground in Scotland on the 13th. Fog occurred on coasts and hills on the 24th and 25th, and on western coasts on the 30th.

July — Overnight fog spread across much of East Anglia on the 3rd, and was widespread over much of England and Wales on the 4th. Patchy fog formed on the 9th in the far north of Scotland, on the 10th in southern England and on the 22nd and 25th over parts of south-east England and East Anglia. Coastal fog occurred in south-east Scotland and north-east England on the 2nd and 3rd, and over Orkney, Shetland and eastern Scotland on the 7th. On the 8th coastal fog persisted all day in north-east Scotland, and also affected north-east England. Fog occurred frequently on hills and coasts in South Wales and southern England between the 11th and 21st. Some fog patches occurred on coasts in eastern Scotland on the 23rd, and over hills in England and Wales on the 26th.

August — Fog formed frequently overnight throughout the month and was dense in parts of East Anglia on the 30th. Patchy fog occurred over western and southern coasts on the 2nd, 5th, 6th, 14th, 15th and over northern and eastern coasts on the 22nd, 23rd and and 31st. Sea fog patches were reported in the English Channel on the 16th. Fog occurred widely on coasts and hills on the 1st, 3rd, 10th, 11th and 20th.

September — Patchy fog formed frequently overnight throughout the month and was widespread on the 2nd, 27th and 28th, and dense in places between the 2nd and 4th and on the 26th. Hill fog occurred widely on the 5th but was confined to southern areas on the 13th. Coastal fog occurred along southern coasts on the 13th and around western and southern coasts on the 14th. Extensive hill and coastal fog occurred over Wales and the west of England on the 16th.

October —Patchy fog formed frequently overnight between the 9th and 16th and 21st and 29th, and was widespread over England and Wales on the 13th and 14th, although some western parts remained clear. Fog was dense in the south-east on the 9th, in some central and eastern parts of England on the 11th, over Scotland and inland areas of England on the 22nd, and over Scotland on the 23rd and 24th. Hill fog occurred mainly in the north and east on the 8th, 12th, 13th, 20th, 26th and 28th. Coastal fog occurred in north-east England and southern Scotland on the 9th and in eastern areas on the 12th and 13th.

November — Overnight fog was widespread on the 17th, 21st, 24th and 27th over England and Wales, mainly in eastern areas. Fog patches were frequent during the second half of the month, with hill fog over northern and western high ground and coastal fog in the south-east on the 22nd and 28th.

December — Fog formed frequently overnight until the 17th, was widespread on the 7th and between the 15th and 17th, and persistent on the 9th, 11th and 16th. Fog was dense for a time on the 10th, 14th and 15th and thick for a while on the 16th, and between the 8th and 16th patches were of freezing fog that failed to clear from some places during the day; the Midlands and north were particularly badly affected. Hill fog occurred in the north on the 2nd and 3rd.

MISCELLANEOUS PHENOMENA

A tornado hit part of south-west Wales early on 3 March, causing considerable structural damage and uprooting trees. On 7 March deposits of dust or sand in rainfall were reported at a number of places in the west Midlands, including Malvern, Bromsgrove and Solihull. On 11 March deposits of red dust were reported in rain at Northwood, Greater London and Cavendish, Suffolk. During the early hours of 26 March brown rain was reported at Towy Castle, Dyfed and Slimbridge, Gloucestershire. On 13 July a short-lived tornado caused damage to roofs and power lines at Castle Bytham, south-west Lincolnshire. Towy Castle, Dyfed reported that brownish-yellow dust was deposited on cars, Stevenson screen and windows, with slight discolouration in the rain-gauge during showery weather on the evening of 21 August. On 26 September waterspouts were reported 26 km south-west of Llanbedr, Gwynedd and off Pendine, Dyfed. Places as far apart as Essex and Merseyside reported coloured dust deposits after rain on 11 October. Several places reported a deposit of brownish-yellow dust after overnight rain on 12/13 October. On 18 October Guernsey Airport received an aircraft report of a waterspout at 1658 GMT, in the direction 020°, 12 miles from Alderney; the cloudbase was 2000 ft (600 m) and the weather showery, the showers heavy at times. A tornado was reported at Dullingham, Cambridgeshire during the evening of 12 November.

Table 1 District Values

District	Air Temperature °C					Mean 30-cm Soil Temp °C	Raindays	Rainfall	Sunshine
	Highest Max*	Lowest Min*	Max	Min	Mean				
			Difference from average					% of averages	
0 Scotland N	30.4	-12.1	+0.5	+0.3	+0.4	+0.4	+18	103	96
1 Scotland E	26.8	-13.8	+0.3	+0.4	+0.3	+0.6	-10	97	95
2 England E & N E	29.4	-10.6	+0.3	+0.3	+0.3	+0.5	-15	85	99
3 East Anglia	30.6	-12.6	+0.2	+0.1	+0.2	+0.5	-19	79	100
4 Midland Counties	29.2	-11.7	+0.2	+0.1	+0.2	+0.4	-22	83	97
5 England S E & Cntrl S	29.7	-10.3	+0.0	+0.1	+0.1	+0.3	-13	87	97
6 Scotland W	26.6	-14.8	+0.2	+0.2	+0.2	+0.5	+21	109	98
7 England N W & Wales N	28.7	-7.5	+0.2	+0.2	+0.2	+0.5	-15	92	92
8 England S W & Wales S	28.8	-9.1	+0.0	+0.4	+0.1	+0.1	+9	94	97
N Ireland	25.7	-7.0	+0.3	+0.5	+0.4	+0.3	-7	97	99
Scotland	30.4	-14.8	+0.3	+0.3	+0.3	+0.5	+10	105	96
England & Wales	30.6	-12.6	+0.1	+0.2	+0.2	+0.4	-13	88	97

* Highest maximum and lowest minimum of District Value Stations

Table 2 Solar radiation

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No.of days	Max.	Date	Min.	Date	Daily Mean	No.of days
Lerwick	29.5	2 Jul	0.1	25 Nov	7.7	361	16.0	26 Jun	0.1	15 Dec	5.0	357
Stornoway	29.4	24 Jun	0.1	8 Dec	7.9	365	15.3	23 May	0.1	8 Dec	5.1	364
Aviemore	27.0	1 Jun	0.3	30 Nov	8.2	361	13.7	26 May	0.3	30 Nov	5.2	362
Aberdeen	26.5	5 Jun	0.2	18 Nov	8.3	364						
Dunstaffnage	30.4	5 Jun	0.2	22 Dec	8.7	356						
Shanwell	28.1	1 Jun	0.3	12 Dec	9.0	365	13.6	6 Jun	0.3	12 Dec	5.3	364
Auchincruive	31.3	28 Jun	0.2	1 Jan	8.9	319						
Eskdalemuir	29.1	1 Jun	0.2	15 Dec	7.7	364	13.1	17 Jun	0.2	15 Dec	4.9	363
Sunderland Poly												
Hazelrigg	28.5	5 Jul	0.2	21 Dec	8.7	360	16.8	18 Aug	0.2	21 Dec	5.6	359
Cawood	24.5	29 Jul	0.3	30 Dec	8.7	364						
Aughton	28.8	4 Jun	0.2	21 Dec	9.1	364	15.1	27 May	0.2	21 Dec	5.6	364
Finningley	26.1	5 Jul	0.4	30 Nov	9.0	365	14.4	23 May	0.4	30 Nov	5.6	364
Sutton Bonington	22.2	22 May	0.4	4 Dec	7.8	328	11.6	20 Jun	0.3	3 Dec	4.9	297
Hemsby	28.0	4 Jul	0.3	19 Nov	10.1	365	15.4	7 Jun	0.3	19 Nov	5.8	362
Denver Complex	28.5	11 Jul	0.5	30 Nov	9.8	362						
Gogerddan	29.9	29 Jun	0.1	18 Nov,21 Dec	9.2	333						
Brooms Barn	25.4	5 Jul	0.3	19 Nov	9.7	365	13.9	13 May	0.3	19 Nov	5.8	365
Aberporth	29.1	28 May	0.4	3 Dec	9.7	349	16.5	30 May	0.4	3 Dec	5.5	342
Wallingford	25.9	9 May	0.4	19 Nov	9.5	334						
London W.C.	26.4	6 Jul	0.3	19 Nov	8.9	354	11.9	13 May.	0.3	19 Nov	5.0	354
Easthampstead	26.4	10 Jul	0.3	19 Nov	9.4	365	13.5	22 Jun	0.3	19 Nov	5.5	361
East Malling	27.4	6 Jul	0.3	31 Dec	9.6	364	13.6	22 Jun	0.3	31 Dec	5.7	364
Crawley	27.2	10 Jul	0.4	31 Dec	9.6	365	14.5	2 Jun	0.4	31 Dec	5.6	364
Rustington	28.8	3 Jul	0.3	29 Jan,31 Dec	10.6	364						
Efford	27.9	3 Jul	0.5	30 Nov	10.3	362						
Camborne	30.0	13 Jun	0.5	15 Jan	10.0	362	15.5	2 Jun	0.5	15 Jan	5.9	362
Jersey	28.3	3 Jul	0.4	2 Dec	11.0	365	15.6	29 Jun	0.3	2 Dec	5.8	365
Aldergrove	28.0	3 Jun	0.3	4 Dec	8.7	365	13.8	23 Jun	0.3	22 Dec	5.5	365

Table 3 Summary of daily observations

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation														
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
0 SCOTLAND N																												
Shetland																												
Baltasound	24	10.2	5.2	7.7	+0.6	22.9	-4.8	8.0	–	1212	–	39	3 Nov	263	194	48	2	2	13	3	11	22	–	–	43	2.67	96	–
Fair Isle	57	9.8	6.3	8.1	–	20.1	-1.6	8.5	8.4	870	–	36	13 Nov	230	165	64	1	13	56	7	27	7	40	–	40	3.59	–	–
Lerwick (A)	82	9.7	5.4	7.5	+0.6	23.4	-3.8	7.9	–	1198	102	27	31 Jul	253	186	49	4	3	58	12	20	23	78	65	31	2.95	102	–
Sumburgh (A)	7	10.3	6.4	8.3	–	22.1	-2.5	–	–	–	–	–	–	–	–	33	2	3	40	9	7	10	58	35	46	–	–	–
Orkney																												
Kirkwall Airport (A)	26	10.7	5.5	8.1	+0.4	22.4	-3.1	8.5	–	983	100	31	12 Nov	237	181	53	8	15	50	5	5	18	78	52	29	3.17	100	–
Rackwick	18	(11.0)	(6.1)	(8.5)	–	25.5	-5.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21	–	–	–	–	–	–
Western Isles																												
Benbecula (A)	5	11.6	6.3	8.9	+0.2	26.5	-4.5	9.5	–	1238	103	32	10 Apr	243	184	19	1	4	32	1	2	15	79	51	21	3.46	93	–
Scalpay	18	(11.2)	(-31.2	(-10.0	–	22.6	–	–	–	(1455)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stornoway (A)	15	11.1	6.0	8.5	+0.4	23.5	-3.3	8.8	–	1072	98	37	10 Apr	239	181	25	1	3	33	3	2	16	59	52	21	3.07	89	–
Highland																												
Aviemore (A)	229	11.5	3.5	7.5	–	28.1	-9.5	7.7	7.6	997	–	35	3 Jan	208	144	68	40	0	20	3	8	87	156	120	0	3.06	–	–
Cape Wrath	112	9.9	6.3	8.1	+0.3	22.7	-1.1	–	–	1165	103	41	20 Nov	252	191	25	3	17	17	2	26	5	29	27	92	3.07	93	–
Cairngorm Chairlift	663	8.6	2.7	5.7	–	25.0	-6.5	5.2	–	–	–	–	–	–	–	54	89	0	3	1	39	116	–	–	74	–	–	–
Cassley	99	11.3	4.2	7.7	–	26.3	-10.6	–	–	(1750)	(94)	–	–	–	–	–	17	–	–	–	–	79	–	–	–	–	–	–
Dalcross (A)	11	12.1	4.9	8.5	–	25.5	-7.0	–	–	599	96	30	9 Jun	178	126	28	12	7	5	3	10	53	118	–	5	–	–	–
Dalwhinnie	351	10.4	3.2	6.8	–	26.8	-11.2	7.6	–	(1352)	–	–	–	–	–	40	27	0	1	1	1	104	–	–	0	3.07	–	S
Diabaig	60	(12.1)	(6.1)	(9.1)	–	–	–	–	–	(1502)	–	–	–	–	–	–	5	–	–	–	–	–	–	–	–	–	–	S
Dingwall	7	12.1	4.2	8.1	–	27.0	-9.5	–	–	797	–	27	16 Oct	203	139	–	–	–	–	–	–	86	–	–	–	–	–	–
Duartmore Bridge	30	11.6	5.2	8.4	–	26.5	-7.5	–	–	(1446)	–	–	–	–	–	–	4	–	–	–	–	51	–	–	–	2.80	–	S
Eilanreach	8	12.3	4.7	8.5	–	28.9	-7.4	–	–	(2133)	–	–	–	–	–	2	–	0	6	2	3	61	95	–	6	–	–	–
Fort Augustus	21	11.8	5.0	8.4	+0.3	26.9	-7.6	–	–	1268	115	41	23 Sep	224	171	–	6	–	–	–	9	52	–	–	–	2.70	94	S
Fortrose	5	(11.5)	(5.9)	(8.7)	(+0.2)	23.6	–	–	–	(597)	(96)	29	9 Jun	179	125	9	3	0	4	3	–	–	–	–	11	–	–	–
Grantown-on-Spey	220	11.1	2.7	6.9	+0.3	27.3	-12.1	–	–	729	–	40	3 Nov	195	134	48	41	0	2	1	–	119	–	–	0	3.26	95	–
Inverailort	2	12.9	5.7	9.3	–	30.4	-6.9	–	–	2355	–	59	10 Apr	245	204	20	10	0	19	8	1	45	145	–	42	–	–	–
Inverness	4	12.6	5.8	9.2	+0.6	26.0	-6.1	–	–	660	107	36	7 Jul	172	134	7	13	0	0	1	7	33	93	–	0	3.24	97	–
Inverpolly	14	11.9	5.6	8.7	+0.2	26.7	-6.5	–	–	(1258)	–	26	10 Nov	243	195	–	–	–	–	–	–	41	–	–	–	–	–	–
Isle of Rhum	5	12.2	5.9	9.1	+0.3	27.2	-5.8	10.0	–	2663	110	81	10 Apr	256	205	9	1	0	22	7	0	29	–	–	35	3.44	–	–
Kiltarlity	75	11.9	4.2	8.1	–	25.9	-8.7	–	–	873	–	28	16 Oct	208	151	29	21	0	5	4	8	78	144	–	3	–	–	–
Kinbrace	103	–	–	–	–	–	–	–	–	(824)	–	–	–	–	–	–	39	–	–	–	–	–	–	–	–	3.23	–	–
Kinlochewe	25	12.7	5.0	8.9	+0.6	30.4	-6.7	8.6	–	2215	–	74	19 Jan	255	213	32	19	2	20	4	0	59	144	–	19	2.31	92	S
Knockanrock	244	(10.4)	(4.6)	(7.5)	–	27.0	-6.4	–	–	(1901)	–	–	–	–	–	–	–	–	–	–	–	44	–	–	–	–	–	–
Lairg	107	11.3	–	–	–	26.7	–	7.8	7.8	1031	–	44	16 Oct	236	171	–	35	–	–	–	16	–	186	–	–	2.56	–	–
Lentran	146	11.8	4.4	8.1	–	26.9	-6.9	–	–	–	–	–	–	–	–	–	30	–	–	–	–	60	172	–	–	–	–	–
Nairn	8	11.8	5.3	8.5	+0.3	23.5	-5.8	–	–	501	84	13	17 Mar, 22 Jul, 10 Nov	172	114	14	11	2	3	1	11	48	118	–	8	3.46	98	–
Onich	15	13.1	4.8	8.9	+0.4	29.6	-6.5	–	–	2270	115	63	1 Apr	227	200	–	6	–	–	–	32	60	145	–	–	2.86	99	S
Plockton	12	(12.3)	5.8	(9.1)	–	27.5	-4.2	–	–	(1458)	–	46	10 Apr	234	187	12	4	0	11	5	–	31	–	–	24	–	–	–
Poolewe	6	12.4	6.0	9.2	+0.3	28.7	-5.4	–	–	1499	98	58	20 Nov	250	194	13	2	8	15	6	0	29	101	–	17	2.95	88	S
Tomatin	311	10.6	3.3	6.9	–	27.5	-9.3	–	–	(968)	–	–	–	–	–	52	–	0	9	3	–	99	–	–	2	–	–	–
Waterstein	92	(11.0)	(6.1)	(8.5)	–	27.5	–	–	–	(1331)	–	34	10 Apr	242	201	–	–	–	–	–	–	–	–	–	–	–	–	–
Wick (A)	36	10.7	5.1	7.9	+0.3	21.4	-6.0	8.4	–	722	92	24	3 Nov	230	152	39	11	4	24	1	9	33	99	65	13	3.44	101	–

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation														
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
1 SCOTLAND E																												
Grampian																												
Aberdeen																												
Dyce Airport (A)	65	11.8	4.7	8.3	+0.5	26.0	-8.8	–	–	724	89	36	31 Oct	185	123	41	11	1	7	3	12	61	145	109	2	3.83	105	–
Mannofield	52	11.3	5.3	8.3	+0.5	24.7	-5.2	–	–	610	79	29	3 Nov	174	114	15	11	0	3	2	30	41	123	–	0	–	–	–
Aldroughty	30	12.3	5.1	8.7	–	28.6	-6.9	8.7	–	(644)	–	27	25 Jun	175	138	10	9	0	6	0	–	51	124	–	0	3.41	–	–
Ballater Field Centre	200	11.8	3.3	7.5	–	26.9	-12.5	–	–	789	–	40	4 Mar,18 Nov	177	127	–	26	–	–	–	–	114	–	–	–	–	–	–
Balmoral	283	10.8	2.9	6.9	+0.6	28.2	-11.6	–	–	793	94	33	18 Nov	199	134	35	47	0	0	1	–	112	168	–	3	–	–	–
Banff Golf Course	15	11.9	5.4	8.7	–	25.5	-8.0	9.4	–	(595)	–	41	3 Nov	193	126	23	16	1	20	3	8	50	–	–	2	–	–	S
Braemar	339	10.7	3.1	6.9	+0.6	26.7	-13.8	–	–	(891)	(104)	35	31 Oct	215	149	–	–	–	–	–	–	110	151	–	–	–	–	S
Craibstone	102	11.3	4.8	8.1	+0.4	24.5	-9.8	8.6	8.6	749	91	37	31 Oct	183	123	25	29	0	3	1	–	45	151	–	3	–	–	–
Culterty	3	11.5	4.7	8.1	–	25.5	-8.0	–	–	570	–	26	31 Oct	151	134	17	10	0	3	0	–	59	124	–	9	3.28	–	–
Durris, Wardend	107	11.6	4.2	7.9	–	26.2	-9.2	7.9	–	892	–	45	4 Mar	184	124	28	27	1	3	6	14	69	160	–	1	3.61	–	–
Forehill	40	10.9	5.2	8.1	–	24.2	-4.4	–	–	670	90	28	21 Feb	199	135	21	14	0	0	2	25	35	–	–	5	–	–	–
Forres	5	12.4	5.8	9.1	–	25.7	-6.4	8.8	9.2	523	–	18	25 Jun	166	118	27	17	0	18	1	7	36	–	–	0	–	–	–
Fyvie Castle	55	11.7	3.9	7.8	+0.4	25.0	-11.7	–	–	–	–	–	–	–	–	26	–	0	5	2	–	93	154	–	6	–	–	–
Glenlivet	215	11.3	3.5	7.4	+0.6	26.2	-11.5	–	–	824	–	36	3 Nov	206	143	–	–	–	–	–	–	88	–	–	–	3.26	96	S
Inchmarlo	80	–	–	–	–	–	–	–	–	(852)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Inverurie	54	11.9	4.3	8.1	+0.5	25.8	-11.8	–	–	681	–	32	31 Oct	174	127	28	21	0	0	–	–	80	–	–	–	–	–	–
Keith	106	11.4	3.8	7.6	–	26.0	-9.9	–	–	(745)	–	45	3 Nov	200	137	28	18	0	5	3	–	87	175	–	21	3.49	–	–
Kinloss (A)	5	12.3	5.2	8.7	+0.4	26.6	-6.9	8.8	–	547	90	18	17 Jun	169	115	27	14	0	22	2	3	58	135	84	4	3.39	97	–
Leith Hall	180	11.9	3.5	7.7	–	25.0	-9.8	–	–	–	–	–	–	–	–	–	9	–	–	–	3	99	–	–	–	–	–	–
Lossiemouth (A)	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rothes	61	12.2	4.7	8.5	–	27.5	-5.5	–	–	724	–	41	3 Nov	153	141	16	14	0	2	0	8	65	118	–	0	2.75	–	S
Stonehaven	85	10.9	4.8	7.9	–	24.6	-3.9	–	–	687	–	30	31 Oct	179	120	17	16	0	0	4	32	40	–	–	11	3.37	–	–
Tayside																												
Arbroath	29	11.4	6.0	8.7	+0.4	24.0	-6.4	–	–	545	91	23	21 Feb	169	114	9	10	0	0	4	18	26	104	–	6	3.95	96	–
Ardtalnaig	130	11.9	5.0	8.5	+0.4	26.2	-6.0	–	–	1367	116	57	1 Jan	209	149	28	18	0	4	6	11	48	120	–	8	3.15	–	S
Dall (Rannoch School)	232	11.2	(2.7)	(6.9)	(+0.0)	26.5	–	–	–	1344	–	45	1 Jan	205	160	31	45	0	1	1	14	–	149	–	3	–	–	–
Drummond Castle	113	11.9	(4.3)	(8.1)	(+0.5)	25.2	-9.6	9.2	–	1248	–	54	1 Jan	202	149	15	32	0	0	2	–	78	–	–	4	3.42	93	S
Dundee	45	12.0	5.8	8.9	+0.3	25.2	-5.3	9.5	–	(649)	(91)	24	9 Jun	157	117	–	21	–	–	–	15	35	144	–	–	–	–	–
Faskally	94	11.7	4.2	7.9	+0.1	26.8	-10.2	9.3	9.2	965	117	26	10 Nov	189	140	29	36	0	2	0	6	79	157	–	1	–	–	–
Forfar	91	11.4	4.2	7.8	–	25.0	-9.0	–	–	734	–	35	18 Nov	174	124	24	22	0	1	3	15	79	–	–	5	3.67	–	–
Kindrogan	259	10.5	2.5	6.5	–	24.6	-14.1	–	–	1107	–	36	4 Mar	198	139	–	71	–	–	–	–	126	192	–	–	–	–	–
Kinross	116	11.9	(3.8)	(7.9)	(+0.5)	26.8	–	–	–	(953)	–	46	18 Mar	186	146	–	28	–	–	–	–	–	–	–	–	3.50	99	–
Montrose	55	11.4	(5.0)	(8.2)	(+0.2)	24.8	–	9.3	–	–	–	–	–	–	–	4	22	0	0	1	–	–	160	–	3	–	–	–
Mylnefield (A)	30	12.1	5.4	8.7	+0.5	24.5	-8.5	9.3	9.3	624	92	23	9 Jun	163	117	20	22	3	2	3	9	51	144	–	0	3.83	98	–
Perth Aerodrome (A)	118	11.5	3.9	7.7	–	25.4	-9.0	–	–	677	–	23	12 Apr	171	125	–	–	–	–	–	–	81	–	–	–	–	–	–
Strathallan	41	12.5	5.0	8.7	+0.3	26.9	-10.5	–	–	784	–	33	1 Jan	175	120	–	–	–	–	–	–	63	–	–	–	–	–	–
Tummel Bridge	161	11.7	3.2	7.5	–	26.1	-10.2	–	–	(1111)	–	41	1 Jan	211	146	–	–	–	–	–	–	101	–	–	–	–	–	–
Whitehillocks	258	10.7	3.7	7.2	+0.3	24.5	-9.0	–	–	1210	–	53	4 Mar,31 Oct	200	150	31	29	0	3	1	–	93	–	–	0	–	–	S
Fife																												
Belliston	82	11.5	5.7	8.6	–	23.8	-2.9	9.2	–	603	84	26	21 Feb	167	123	17	11	0	10	4	–	31	125	–	1	–	–	–
Cupar	42	12.3	(5.0)	(8.7)	–	25.6	-9.4	–	–	622	–	22	1 Jan	168	125	–	31	–	–	–	–	–	–	–	–	3.65	–	S
Fife Ness	12	11.6	6.1	8.9	–	25.2	-2.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22	65	–	–	–	–	–
Leuchars (A)	10	12.3	4.6	8.5	+0.2	25.9	-8.2	9.1	–	610	94	24	21 Feb	171	117	28	14	1	5	5	10	71	148	104	8	4.09	101	–

Table 3 Summary of daily observations

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)													Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation															
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
1 SCOTLAND E (Continued)																													
Lothian																													
Bush House	184	11.4	4.6	8.0	+0.4	24.6	-7.3	8.6	8.7	886	107	29	4 Jan	193	136	–	35	–	–	–	–	66	144	–	–	3.19	91	S
Dunbar	23	12.1	5.9	9.0	+0.2	25.2	-4.4	9.1	–	503	91	21	21 Feb	166	109	15	6	6	5	7	17	35	–	–	17	3.81	91	–
Edinburgh																													
East Craigs	61	12.2	4.9	8.5	+0.1	24.1	-7.9	9.3	–	630	98	28	21 Feb	162	115	16	14	1	0	6	12	65	–	–	2	3.78	102	–
Royal Botanic Garden	26	12.3	5.7	9.0	+0.3	26.7	-6.8	9.1	–	598	96	20	21 Feb	168	119	18	15	0	5	5	16	53	141	–	1	3.62	98	–
Royal Observatory Blackford Hill (A)	134	(11.5)	(5.5)	(8.5)	(+0.0)	–	-6.0	–	–	(641)	(99)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	(****)	(98)	–
Turnhouse Airport (A)	35	12.4	4.9	8.7	+0.3	25.1	-8.8	9.4	–	637	99	24	21 Feb	168	119	24	14	2	10	6	17	72	135	97	4	3.38	96	–
Haddington	41	12.3	5.2	8.7	–	24.4	-7.6	–	–	526	–	23	21 Feb	177	116	13	16	0	1	0	–	55	–	–	1	–	–	
Livingston	125	11.7	4.6	8.1	+0.5	25.5	-10.6	–	–	872	–	39	1 Jan	178	131	–	19	–	–	–	–	65	–	–	–	–	–	–
Nunraw Abbey	197	11.3	5.0	8.1	–	23.5	-3.9	–	–	(692)	–	24	9 Feb	194	132	–	33	–	–	–	–	57	–	–	–	–	–	–
Penicuik	185	11.4	3.9	7.7	+0.1	25.8	-9.0	8.8	–	(901)	(107)	29	31 Oct	197	147	20	29	1	7	3	–	84	138	–	2	–	–	S
Borders																													
Blyth Bridge	253	10.6	4.2	7.4	+0.2	24.0	-7.6	–	–	886	103	29	31 Oct	225	154	29	29	3	3	2	15	77	–	–	3	3.35	103	–
Blythe	262	11.0	4.0	7.5	–	24.5	-6.5	8.0	–	756	–	21	21 Feb	207	147	–	37	–	–	–	–	85	170	–	–	3.68	–	–
Bowhill (Selkirk)	168	11.6	4.3	7.9	+0.2	24.9	-10.5	9.0	–	860	102	28	31 Oct	204	137	29	35	5	2	4	10	83	140	–	3	–	–	–
Carterhouse	308	10.2	3.8	7.0	–	23.3	-8.7	8.3	8.3	(1116)	–	–	–	–	–	–	45	–	–	–	–	89	–	–	–	–	–	–
Floors Castle	59	12.2	4.6	8.4	–	24.8	-9.3	–	–	579	88	19	20 Jul,22 Dec	164	115	14	19	0	2	0	26	72	–	–	3	–	–	–
Galashiels	198	11.1	4.6	7.9	+0.3	24.2	-8.6	–	–	(764)	–	22	22 Dec	192	139	31	29	1	4	0	21	74	–	–	5	3.28	94	–
Glentress	165	12.1	3.9	8.0	+0.3	26.7	-9.0	–	–	–	–	–	–	–	–	–	26	–	–	–	–	88	–	–	–	–	–	–
Greycrook	76	12.5	–	–	–	25.7	–	9.7	–	623	–	19	22 Dec	180	119	21	27	0	0	1	15	–	–	–	7	–	–	–
Kelso	34	12.6	4.9	8.7	+0.3	26.8	-8.3	9.7	–	581	–	23	20 Jul	188	118	31	17	0	6	1	9	74	154	–	2	–	–	S
St Abbs Head	75	11.3	6.3	8.8	–	24.0	-2.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20	–	–	–	–	–	–
West Linton	244	11.0	3.9	7.5	+0.4	23.7	-9.3	8.4	8.5	(906)	(101)	23	18 Dec	199	140	23	31	0	1	0	1	86	127	–	0	–	–	–
6 SCOTLAND W																													
Strathclyde																													
Abington	247	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Ardentinny	5	12.3	5.2	8.7	–	25.2	-5.0	–	–	(2417)	–	76	1 Jan	220	173	12	12	0	9	6	–	57	102	–	8	–	–	–
Aros	37	(12.3)	(5.4)	(8.9)	(+0.3)	27.0	–	–	–	2019	–	–	–	–	–	–	0	–	–	–	–	–	–	–	–	–	–	–
Auchincruive	48	12.2	5.8	9.0	+0.3	26.6	-6.1	9.4	9.5	987	110	32	12 Nov	200	139	6	5	4	5	2	1	38	125	–	0	3.65	96	–
Benmore (Younger Botanic Garden)	12	12.2	5.4	8.8	+0.2	25.5	-5.2	–	–	2371	107	69	1 Jan	228	181	19	12	1	13	6	5	48	116	–	1	–	–	–
Black Mount	175	11.4	3.6	7.5	–	26.7	-10.5	–	–	(2426)	–	70	1 Jan	245	192	43	20	1	19	8	23	82	–	–	4	–	–	–
Brodick Castle	15	12.5	6.3	9.4	+0.1	26.0	-4.3	10.4	–	1853	–	63	12 Nov	214	171	15	4	9	4	9	–	26	117	–	5	–	–	–
Camps Reservoir	295	(10.1)	(3.1)	(6.6)	(+0.1)	24.1	-11.0	–	–	1351	–	46	6 Jan,31 Oct	221	164	48	22	0	7	3	–	102	–	–	7	–	–	S
Carnwath	208	11.4	3.1	7.3	+0.3	25.6	-14.8	8.4	–	838	104	32	21 Dec	209	141	39	33	6	5	8	–	111	158	127	52	–	–	–
Colonsay Hotel	15	12.0	6.9	9.5	–	25.9	-2.4	–	–	(1159)	–	27	22 Dec	229	179	11	0	20	9	9	4	10	–	–	48	–	–	–
Cumnock	99	12.1	5.1	8.6	–	27.0	-7.2	9.2	–	(1114)	–	48	21 Dec	208	152	12	13	1	1	1	–	57	88	–	0	–	–	S
Dalry	32	(12.7)	(5.4)	(9.1)	–	–	-6.9	–	–	1414	–	68	1 Apr	210	166	8	7	0	2	1	–	–	–	–	2	–	–	–
Drumclog	227	10.9	3.8	7.3	–	25.5	-10.5	–	–	1354	–	46	21 Dec	203	178	25	27	0	4	3	0	85	–	–	8	–	–	–
Dunstaffnage (A)	3	12.2	6.1	9.1	–	27.3	-4.0	9.6	–	1658	–	45	18 Mar	220	177	23	3	0	16	6	2	27	–	–	11	3.45	–	–
East Kilbride	178	11.5	5.0	8.3	+0.5	25.7	-6.4	–	–	1370	–	54	1 Jan	204	157	18	27	0	2	2	–	51	134	–	2	3.81	97	–
Girvan	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation														
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
6 SCOTLAND W (Continued)																												
Strayhclyde (Continued)																												
Glasgow																												
Abbotsinch Airport (A)	5	12.7	4.9	8.8	+0.2	25.7	-11.6	9.3	–	1113	117	39	1 Jan	189	138	24	16	1	13	4	10	69	121	92	3	3.69	103	–
Springburn Park	107	11.6	5.2	8.4	+0.1	24.6	-6.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	54	–	–	–	–	–	–
Helensburgh	96	11.7	5.1	8.4	–	25.0	-5.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	42	–	–	–	3.25	–	–
Hunterston	8	12.4	7.0	9.7	+0.4	25.5	-4.3	–	–	(1125)	–	37	18 Mar	182	147	13	4	0	4	3	–	19	–	–	0	–	–	–
Inverinan Mor	70	11.7	4.3	8.0	–	26.2	-7.6	–	–	2557	–	72	1 Apr	225	190	19	21	0	19	11	8	75	–	–	4	–	–	–
Leadhills	388	10.3	2.1	6.2	–	26.1	-10.5	–	–	1784	–	59	1 Jan	233	182	52	41	1	7	3	22	129	171	–	19	–	–	–
Lochgilphead	5	(12.4)	(5.7)	(9.1)	–	26.4	–	–	–	(1796)	–	–	–	–	–	–	5	–	–	–	–	–	–	–	–	–	–	–
Lochranza	46	11.9	6.4	9.1	–	25.0	-4.5	–	–	1478	–	47	12 Nov	209	159	–	–	–	–	–	–	21	–	–	–	–	–	–
Machrihanish (A)	10	12.0	6.4	9.2	+0.1	25.7	-5.5	–	–	1145	–	32	18 Mar	207	157	–	–	–	–	–	–	25	–	–	–	–	–	–
Millport	5	12.3	7.1	9.7	+0.3	24.3	-2.0	–	–	(1168)	(103)	37	12 Nov	193	146	–	3	–	–	–	–	8	–	–	–	–	–	–
Motherwell (Strathclyde Park)	24	12.8	4.6	8.7	–	26.3	-8.2	–	–	(849)	–	30	1 Jan	177	134	17	14	3	4	2	–	74	–	–	2	–	–	–
Orsay	23	11.3	7.2	9.3	–	23.8	-2.7	–	–	–	–	–	–	–	–	–	0	–	–	–	–	10	22	–	–	–	–	–
Paisley (A)	32	12.7	5.9	9.3	+0.1	25.7	-5.9	10.0	10.1	1224	114	43	1 Jan	200	148	14	15	3	5	4	11	40	103	–	0	3.43	102	–
Pollok Country Park	16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Prestwick (A)	16	12.6	5.6	9.1	+0.3	27.4	-7.4	9.7	–	989	113	37	2 Nov	194	140	21	6	0	11	5	0	48	111	87	5	4.01	100	–
Rothesay	43	12.4	6.5	9.5	+0.5	25.0	-2.5	9.3	9.3	(1391)	(106)	51	18 Mar	197	158	9	–	1	2	2	–	14	91	–	32	3.75	103	–
Salsburgh	260	10.5	4.1	7.3	–	24.3	-5.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	73	–	–	–	–	–	–
Saughall	221	11.2	4.1	7.7	–	25.3	-8.9	8.2	8.5	1370	–	42	18 Mar	204	163	20	19	0	11	6	11	78	135	99	10	3.61	–	–
Tiree (A)	9	11.6	7.0	9.3	+0.3	26.3	-2.6	9.8	–	1282	116	28	10 Nov	227	180	17	2	11	26	4	4	11	53	40	30	3.95	103	–
Uplawmoor	128	11.3	4.6	7.9	–	24.2	-8.6	–	–	1553	–	53	18 Mar	225	175	21	12	0	10	2	–	62	–	–	10	–	–	–
Central																												
Aberfoyle	27	(12.5)	(4.0)	(8.3)	–	25.4	-12.2	–	–	–	–	–	–	–	–	–	19	–	–	–	–	86	–	–	–	–	–	–
Arrochymore	30	(12.5)	(5.0)	(8.7)	–	25.8	–	–	–	–	–	–	–	–	–	–	14	–	–	–	–	–	–	–	–	–	–	S
Balquhidder	136	11.7	(4.7)	(8.2)	–	25.1	-7.5	–	–	(2007)	–	–	–	–	–	–	–	–	–	–	–	64	–	–	–	–	–	S
Falkirk	3	12.6	5.3	8.9	+0.1	26.0	-7.5	–	–	(893)	–	–	–	–	–	–	10	–	–	–	–	56	–	–	–	–	–	–
Grangemouth (BP Refinery)	2	12.9	6.2	9.5	–	26.1	-6.0	–	–	775	–	29	1 Jan	175	118	19	11	2	3	–	–	34	–	–	17	–	–	–
Loch Venachar	84	11.5	4.5	8.0	–	25.3	-8.0	–	–	1597	–	62	1 Jan	206	161	24	19	3	5	2	12	79	125	–	11	–	–	–
Mugdock Park	165	11.6	4.9	8.3	–	25.0	-4.0	–	–	(1534)	–	–	–	–	–	–	32	–	–	–	–	51	–	–	–	–	–	–
Parkhead	35	(12.5)	5.0	(8.7)	–	25.3	-7.4	9.3	–	969	–	40	1 Jan	176	136	–	29	–	–	–	20	60	–	–	–	–	–	–
Stirling (Sewage Works)	7	(12.7)	(5.5)	(9.1)	–	–	–	–	–	(928)	–	50	1 Jan	173	127	–	–	–	–	–	–	–	–	–	–	3.50	–	–
Tyndrum	168	11.3	3.9	7.6	–	25.8	-12.1	–	–	2580	–	75	1 Jan	234	180	–	21	–	–	–	–	86	–	–	–	–	–	–
Dumfries & Galloway																												
Auchen Castle	184	11.1	3.9	7.5	–	24.9	-9.5	–	–	1563	–	54	18 Mar	197	159	26	29	0	8	5	15	94	152	–	2	–	–	–
Bargrennan	110	12.1	4.4	8.3	+0.3	27.5	-6.8	–	–	(1694)	(116)	–	–	–	–	–	21	–	–	–	–	84	–	–	–	–	–	–
Clatteringshaws	178	11.2	4.4	7.8	+0.2	25.0	-7.4	–	–	2115	111	72	10 Nov	220	171	–	–	–	–	–	1	58	–	–	–	3.31	97	S
Corsewall Point	15	11.9	6.8	9.3	–	25.7	-2.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16	–	–	–	–	–	–
Creebridge	18	13.0	5.4	9.2	–	28.1	-6.3	–	–	(1219)	–	38	18 Mar	193	151	–	6	–	–	–	–	54	–	–	–	–	–	–
Dumfries	49	12.4	5.1	8.7	+0.2	25.9	-6.1	9.9	10.0	(1087)	(106)	–	–	–	–	–	7	–	–	–	8	59	115	–	–	3.41	93	S
Dumfries (Drungans)	28	12.7	5.4	9.1	–	26.9	-8.2	–	–	1096	–	39	1 Jan	167	131	–	–	–	–	–	–	58	–	–	–	–	–	–
Eskdalemuir (A)	242	10.6	3.6	7.1	+0.0	24.7	-9.8	8.8	9.0	1648	113	61	18 Mar	225	167	53	33	4	30	6	15	101	138	118	0	3.07	94	–
Glenlee	55	–	–	–	–	25.9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Glenlochar Barrage	47	12.2	5.1	8.7	+0.3	25.1	-7.6	–	–	1228	102	43	10 Nov	179	132	10	5	0	1	3	–	61	–	–	10	–	–	–

Table 3 Summary of daily observations

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)													Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation															
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
6 SCOTLAND W (Continued)																													
Dumfries & Galloway (Continued)																													
Penwhirn	166	11.2	(4.7)	(7.9)	(+0.2)	25.6	–	–	–	–	–	–	–	–	–	9	9	1	3	0	18	–	91	–				
Threave	73	12.1	5.1	8.6	+0.3	25.3	-7.4	9.7	–	1305	109	40	1 Jan	195	139	21	16	9	3	8	–	63	–	–	9	–	–	–	
Whithorn	40	11.9	6.1	9.0	–	24.5	-5.1	–	–	896	–	44	31 Oct	179	130	–	0	–	–	–	–	32	–	–	–	4.11	–	–	
2 ENGLAND E & N E																													
Northumberland																													
Boulmer (A)	23	11.9	5.6	8.7	–	25.3	-4.5	9.4	9.5	533	–	23	27 Feb	182	113	–	12	–	–	–	13	41	97	75	–	4.09	–	–	
Cockle Park	99	(11.7)	(5.1)	(8.4)	(+0.4)	25.2	-5.4	(8.7)	–	589	82	19	18 Nov	188	116	29	20	4	1	1	–	49	(209)	–	7	–	–	–	
Haydon Bridge	82	12.7	4.9	8.8	+0.5	25.5	-9.9	9.7	–	765	–	28	20 Mar	186	132	18	15	0	1	7	6	70	–	–	9	–	–	–	
Kielder Castle	201	–	–	–	–	24.7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Redesdale	235	10.6	3.7	7.1	+0.3	23.3	-9.0	8.2	–	885	–	27	7 Oct	195	142	–	39	–	–	–	32	89	164	–	–	3.37	95	–	
Tyne & Wear																													
Newcastle Weather Centre (X)	52	12.3	6.5	9.4	–	26.9	-5.3	–	–	515	–	19	8 Jan, 20 Mar, 18 Nov	166	108	36	–	0	15	6	11	31	–	–	0	–	–	–	
South Shields	5	12.4	6.3	9.3	–	25.6	-5.5	–	–	498	–	20	20 Mar	164	111	18	7	7	0	3	13	32	–	–	4	–	–	–	
Sunderland Polytechnic	56	–	–	–	–	27.2	–	–	–	469	–	19	20 Mar	162	106	–	–	–	–	–	–	–	–	–	–	–	–	–	
Tynemouth	30	11.7	6.5	9.1	+0.2	25.0	-4.9	–	–	474	75	19	20 Mar	155	100	–	4	–	–	–	–	23	53	–	–	3.95	108	–	
Durham																													
Durham	102	12.7	4.6	8.7	+0.2	26.0	-9.0	9.6	9.7	533	83	20	18 Nov	169	127	–	20	–	–	–	24	71	115	–	–	3.76	106	S	
Low Etherley	155	12.0	4.5	8.3	–	26.0	-7.5	8.9	9.0	618	–	21	31 Oct	173	113	50	39	1	5	4	–	79	179	93	8	–	–	–	
Widdybank Fell	513	8.9	2.8	5.9	–	22.6	-8.6	6.5	–	1725	–	62	21 Dec	236	171	–	59	–	–	–	40	115	–	–	–	–	–	–	
Cleveland																													
North Yorkshire																													
Askham Bryan	33	13.1	4.8	8.9	+0.0	28.2	-9.8	–	–	406	64	21	27 Feb	148	103	10	16	0	2	8	38	68	105	–	2	3.32	91	S	
Cawood	6	13.1	5.2	9.1	+0.2	28.7	-16.0	9.9	10.4	398	67	21	27 Feb	148	96	16	15	0	3	3	27	61	142	–	5	3.64	100	–	
Church Fenton	8	–	–	–	–	–	–	–	–	391	–	19	27 Feb	152	100	–	–	–	–	–	–	–	–	–	–	–	–	–	
Fylingdales	262	(10.7)	(4.3)	(7.5)	–	25.1	-9.3	–	–	741	–	24	18 Oct, 4 Nov	192	140	–	–	–	–	–	–	83	–	–	–	–	–		
Harrogate (Bilton)	66	(12.7)	5.1	(8.9)	(+0.4)	27.2	-10.4	–	–	611	84	22	27 Feb	170	119	19	17	0	1	7	11	68	91	–	16	2.89	79	–	
High Mowthorpe	175	11.7	4.9	8.3	+0.3	26.3	-9.1	–	–	534	70	27	27 Feb	173	110	–	20	–	–	–	34	61	–	–	–	–	–	–	
Linton-on-Ouse	14	–	–	–	–	27.9	–	–	–	422	–	20	27 Feb	158	100	–	–	–	–	–	–	–	–	–	–	–	–	–	
Leeming (A)	32	12.9	5.6	9.3	+0.4	28.0	-10.6	9.6	10.0	499	81	22	26 Sep	157	110	32	14	4	13	7	18	51	116	66	9	3.57	98	–	
Malham Tarn	381	9.9	4.0	6.9	+0.1	23.4	-8.1	7.7	–	(1573)	–	80	21 Dec	200	156	28	42	3	13	6	42	83	144	–	3	–	–	S	
Scarborough	110	(11.8)	(5.9)	(8.9)	–	28.3	-7.3	9.3	9.5	504	–	27	27 Feb	152	107	17	11	5	2	6	–	38	–	–	7	4.07	–	–	
Whitby	41	12.3	6.1	9.2	+0.2	28.1	-5.2	9.7	9.9	477	–	25	27 Feb	164	95	29	12	7	15	10	8	47	86	–	16	3.83	100	–	
Whitby Coastguard	60	(12.0)	(6.1)	(9.1)	(+0.4)	27.4	-5.2	–	–	404	–	25	27 Feb	143	86	–	–	–	–	–	–	43	63	–	–	–	–	–	
Wycliffe Hall	120	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Wykeham Forest	211	–	–	–	–	–	–	–	–	(626)	–	25	4 Nov	163	127	–	–	–	–	–	–	–	–	–	–	–	–	–	
Humberside																													
Cleethorpes	23	13.2	–	–	–	29.2	–	–	–	428	–	36	24 Jul	138	82	–	11	–	–	–	17	–	–	–	–	4.04	104	–	
Hull	2	13.5	6.6	10.1	+0.4	29.0	-6.4	–	–	(458)	(70)	42	28 Sep	147	88	13	–	5	8	8	–	35	–	–	0	–	–	–	
Lincolnshire																													
Coningsby (A)	6	13.6	5.5	9.5	–	29.6	-9.0	–	–	444	–	51	28 Sep	133	85	19	10	1	11	5	20	59	114	84	3	–	–	–	
Covenham	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Cranwell (A)	62	13.3	5.4	9.3	+0.3	28.9	-9.0	–	–	398	68	50	28 Sep	132	90	–	–	–	–	–	–	65	–	–	–	–	–	–	

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation														
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
2 ENGLAND E & NE (Continued)																												
Lincolnshire (Continued)																												
Driby	41	(12.8)	(5.2)	(9.0)	–	28.6	–8.0	–	–	479	–	45	28 Sep	159	100	–	–	–	–	–	–	56	–	–	–	–	–	–
Kirton	4	13.3	5.5	9.4	–	28.5	–11.5	10.2	10.3	424	–	42	28 Sep	136	94	14	9	0	4	11	17	58	125	–	15	4.20	–	–
Lincoln (Canwick)	7	(13.7)	(5.7)	(9.7)	–	29.3	–9.7	10.5	10.9	(460)	–	51	26 Sep	115	88	16	10	2	3	9	22	51	101	–	3	–	–	–
Scampton	58	–	–	–	–	28.1	–	–	–	440	–	24	27 Feb	125	90	–	–	–	–	–	–	–	–	–	–	–	–	–
Skegness	5	(12.8)	(6.5)	(9.7)	(+0.3)	29.4	–5.8	–	–	(380)	(63)	42	28 Sep	138	91	–	–	–	–	–	–	28	–	–	–	(1.38)	(103)	–
Waddington (A)	68	13.2	5.8	9.5	+0.4	28.7	–8.7	10.1	10.4	414	69	41	28 Sep	125	88	22	11	0	9	10	21	49	101	81	4	4.13	102	–
3 EAST ANGLIA																												
Norfolk																												
Bressingham	30	–	–	–	–	29.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Coltishall (A)	18	13.4	5.9	9.7	+0.3	30.6	–8.3	–	–	502	81	35	28 Sep	147	97	13	9	0	12	6	–	51	103	64	4	–	–	–
Cromer	54	13.1	6.9	10.0	+0.5	32.1	–6.4	–	–	464	73	34	28 Sep	141	94	23	6	8	0	7	10	23	79	–	3	–	–	–
Denver	2	13.5	(5.6)	(9.5)	–	28.9	–12.2	10.5	11.1	445	–	18	28 Sep	138	96	–	–	–	–	–	17	52	–	–	–	(1.38)	–	S
Hemsby (A)	13	13.1	6.3	9.7	–	28.3	–7.1	10.5	10.8	491	–	40	28 Sep	147	98	16	8	4	8	9	18	38	–	58	1	4.58	–	–
Hunstanton	15	12.8	6.7	9.7	–	28.9	–7.2	–	–	392	–	32	28 Sep	135	88	–	–	–	–	–	–	34	–	–	–	4.39	–	–
Marham (A)	21	13.6	5.5	9.5	+0.1	29.2	–12.2	–	–	473	78	22	24 Jul	156	92	19	11	6	9	11	16	64	–	–	3	4.08	–	–
Morley St Botolph	46	13.2	5.4	9.3	+0.2	28.7	–11.4	10.2	–	458	–	27	28 Sep	152	100	12	12	1	3	5	20	53	107	–	5	4.39	105	–
Norwich Weather Centre	15	13.5	6.8	10.1	–	30.1	–5.7	–	–	453	–	35	28 Sep	155	99	–	–	–	–	–	–	36	–	–	–	4.38	–	–
South Raynham	68	13.2	5.5	9.3	–	28.9	–8.4	–	–	479	–	31	18 Nov	155	96	12	10	2	3	8	19	54	93	–	6	–	–	–
Terrington St Clement	2	13.4	5.6	9.5	+0.2	29.0	–12.4	10.2	–	438	77	25	28 Sep	144	96	8	9	0	2	0	10	52	104	–	0	3.99	100	–
Cambridgeshire																												
Boxworth	53	(13.5)	5.6	(9.5)	(+0.1)	29.0	–9.6	–	–	415	–	24	28 Sep	134	82	7	9	1	1	6	43	55	97	–	3	3.65	87	–
Cambridge Botanic Garden	12	(14.1)	(5.7)	(9.9)	(+0.1)	29.5	–10.0	(10.6)	(11.0)	480	87	30	1 Aug	143	96	9	11	5	2	6	–	58	(109)	–	2	–	–	–
National Institute of Agricultural Botany	24	(13.7)	–	–	–	28.6	–9.5	–	–	452	82	23	28 Sep	138	84	11	8	3	0	8	–	–	96	–	0	(1.38)	(90)	–
March	2	(14.2)	(5.9)	(10.1)	–	29.4	–8.9	–	–	437	76	27	24 Jul	132	88	–	–	–	–	–	–	45	–	–	–	–	–	–
Marholm	21	(14.2)	(5.1)	(9.7)	(+0.4)	29.8	–10.6	–	–	407	–	28	28 Sep	121	82	7	8	2	1	2	–	65	(108)	–	0	–	–	–
Mepal	-2	14.0	5.3	9.7	+0.4	29.5	–11.7	10.9	12.0	390	–	24	27 Jun	129	81	6	8	0	2	4	16	55	125	–	0	(1.29)	(96)	–
Monks Wood	39	13.9	5.3	9.6	+0.3	29.1	–12.6	10.4	10.6	448	–	22	27 Sep	131	90	12	11	0	2	9	13	63	100	–	7	3.97	100	–
Wittering	73	13.3	5.7	9.5	+0.2	28.6	–9.3	–	–	425	–	32	28 Sep	133	87	–	–	–	–	–	–	55	–	–	–	–	–	–
Wyton (A)	40	13.7	5.9	9.8	+0.2	29.1	–10.3	–	–	405	74	20	29 Apr,28 Sep	136	80	–	10	2	2	8	12	50	102	71	1	4.13	–	–
Suffolk																												
Brooms Barn	75	13.4	5.9	9.7	+0.3	28.7	–10.0	–	–	440	–	28	28 Sep	141	95	–	–	–	–	–	–	48	98	–	–	4.28	103	–
Cavendish	55	13.7	5.0	9.3	–	28.5	–9.9	10.4	–	429	–	26	28 Sep	141	87	14	10	1	7	8	20	70	99	–	1	4.09	–	–
East Bergholt	5	–	–	–	–	29.0	–	–	–	(437)	(77)	22	18 Nov	137	90	9	14	2	0	5	–	–	–	–	1	–	–	–
Honington (A)	51	13.6	5.5	9.5	+0.0	30.0	–10.0	–	–	410	–	22	28 Sep	145	97	17	10	3	5	6	15	60	100	80	1	4.29	–	–
Levington	22	13.7	6.4	10.1	–	27.5	–8.6	10.4	–	477	–	30	26 Sep	143	92	14	12	10	0	10	12	41	108	–	2	4.33	–	–
Lowestoft	25	13.0	6.9	9.9	+0.3	27.5	–6.6	10.8	11.0	385	65	14	28 Sep	153	99	7	10	5	2	9	13	33	50	–	4	(1.53)	(95)	–
Wattisham (A)	89	13.2	5.5	9.3	+0.2	28.7	–9.3	–	–	478	84	24	29 Apr	153	97	13	11	1	8	6	17	54	106	80	2	4.32	99	–
Westleton	10	(13.1)	(6.2)	(9.7)	–	26.4	–7.6	–	–	(427)	–	26	28 Sep	147	98	12	11	5	1	9	–	35	62	–	11	–	–	–
Bedfordshire																												
Bedford (A)	85	13.1	5.3	9.2	–	28.4	–9.6	–	–	519	92	29	27 Feb	137	87	–	–	–	–	–	–	62	–	–	–	–	–	–
Woburn	89	13.4	5.2	9.3	+0.1	28.6	–10.6	10.5	10.5	587	92	37	29 Apr	143	97	10	8	2	0	6	–	67	111	–	0	3.71	96	–

Table 3 Summary of daily observations

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation															
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
3 EAST ANGLIA (Continued)																												
Hertfordshire																												
Aldenham School	91	13.6	5.7	9.7	+0.2	28.1	-10.1	10.2	–	567	–	31	29 Apr,30 Jul	150	93	11	11	0	3	8	4	59	110	–	0	–	–	–
Rothamsted	128	13.0	5.2	9.1	+0.0	27.7	-10.2	10.1	10.1	636	92	31	29 Apr	156	100	15	9	4	4	9	–	62	147	–	1	4.10	104	–
Stanstead Abbotts	30	(14.3)	(5.7)	(10.0)	(+0.3)	28.7	-10.4	–	–	502	–	25	29 Apr	130	93	–	–	–	–	–	–	58	–	–	–	–	–	–
Essex																												
Clacton-on-Sea	16	12.9	7.1	10.0	+0.0	26.8	-7.8	11.0	11.1	432	80	15	29 Apr,23 Jul	145	96	10	11	0	1	4	5	27	–	–	8	–	–	–
Halstead	70	13.6	5.9	9.7	–	29.4	-8.0	10.4	10.6	459	–	23	28 Sep	136	90	15	10	1	4	6	10	44	–	–	2	–	–	–
Rettendon	16	13.8	6.0	9.9	–	27.7	-8.2	–	–	529	–	28	7 Aug	137	93	–	13	–	–	14	–	50	104	–	1	3.91	–	–
Shoeburyness																												
Landwick (A)	2	–	–	–	–	27.2	–	–	–	397	–	24	29 Apr	136	93	–	–	–	–	–	–	–	–	–	–	–	–	–
Southend	2	–	–	–	–	26.9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stansted (A)	101	13.4	5.6	9.5	+0.2	28.2	-12.9	10.1	–	509	84	25	29 Apr	152	99	23	11	5	8	16	20	57	106	–	2	–	–	–
Writtle	35	13.9	5.3	9.6	+0.0	28.6	-10.6	10.9	–	526	94	43	7 Aug	135	94	15	12	3	0	12	14	64	125	–	7	3.95	100	–
4 MIDLAND COUNTIES																												
West Yorkshire																												
Bradford	134	–	5.5	–	–	25.6	-7.2	9.5	9.8	810	93	66	27 Jun	169	121	20	17	5	0	4	19	53	116	–	0	2.90	85	S
Bramham	54	(12.8)	5.3	(9.1)	(+0.4)	27.0	-10.4	–	–	475	–	18	27 Feb	158	107	18	12	2	3	8	32	59	139	91	21	3.43	96	–
Emley Moor	259	–	–	–	–	26.0	–	–	–	688	–	25	5 Jan	169	121	–	–	–	–	–	–	–	–	–	–	–	–	
Holme Moss	520	(9.2)	(3.7)	(6.5)	–	24.3	-8.5	–	–	1590	–	116	21 Dec	216	158	–	25	–	–	–	–	85	–	–	–	–	–	
Leeds Weather Centre (X)	62	13.5	6.7	10.1	–	28.5	-5.7	–	–	507	–	19	1 Jul	156	105	–	–	1	16	7	–	37	–	–	11	3.74	–	–
Wilsden (A)	262	–	–	–	–	25.7	–	–	–	952	–	28	5 Jan,18 Dec	191	128	–	–	–	–	–	–	–	–	–	–	–	–	–
South Yorkshire																												
Finningley (A)	10	13.7	5.4	9.5	–	28.6	-10.6	9.9	–	394	–	34	28 Sep	136	87	16	11	2	7	9	16	63	118	81	5	3.85	–	–
Sheffield Weston Park	131	(13.0)	(6.3)	(9.7)	(+0.3)	28.1	-6.4	(10.1)	10.4	667	83	27	29 Apr	162	115	–	18	–	–	–	–	42	–	–	–	3.67	106	S
Derbyshire																												
Ashover	178	12.6	5.4	9.0	–	26.7	-7.7	–	–	684	–	23	28 Sep	168	111	29	22	4	10	9	28	54	120	–	2	–	–	–
Buxton	307	11.2	4.9	8.1	+0.5	28.8	-8.9	8.9	9.1	995	77	51	21 Dec	192	137	28	28	0	9	8	15	56	117	–	1	3.51	112	S
Wingerworth	116	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Nottinghamshire																												
Clarborough	21	13.8	5.1	9.5	–	28.8	-11.1	10.3	–	408	–	21	28 Sep	130	85	–	11	–	–	–	18	76	137	–	–	3.54	–	S
Keyworth	69	13.2	5.9	9.5	–	28.2	-9.8	–	–	475	–	42	28 Sep	132	95	24	12	0	8	10	12	46	123	–	6	–	–	–
Southwell	70	–	–	–	–	27.5	–	–	–	462	–	32	28 Sep	118	94	–	–	–	–	–	–	–	–	–	–	–	–	S
Sutton Bonington	48	13.5	5.6	9.5	+0.3	28.3	-10.2	9.9	10.1	472	79	34	28 Sep	137	91	12	12	0	0	2	9	65	129	92	4	3.56	97	–
Warsop	46	(13.6)	4.9	(9.3)	(+0.5)	28.2	-14.7	–	–	449	72	25	28 Sep	143	88	10	10	1	2	3	23	74	136	–	0	3.55	98	–
Nottingham W.C. (A)	117	12.9	5.7	9.3	+0.2	27.6	-9.0	10.0	–	527	74	36	28 Sep	154	104	27	14	1	18	9	24	51	–	–	1	3.74	110	–
Wiseton	6	13.4	4.3	8.9	–	27.5	-13.4	–	–	405	–	30	28 Sep	131	89	10	10	0	0	4	21	79	–	–	0	3.75	–	–
Staffordshire																												
Cellarhead	228	(11.6)	(4.7)	(8.1)	–	27.3	-13.0	–	–	725	–	51	21 Dec	177	128	23	13	–	–	–	–	72	–	96	–	–	–	
Keele (A)	179	12.3	5.5	8.9	+0.4	26.4	-8.2	9.1	9.5	574	72	31	21 Dec	158	117	18	11	0	1	3	17	51	121	86	2	3.56	101	S
Penkridge	101	–	(5.6)	–	–	27.6	-10.5	–	–	553	80	27	29 Apr,30 Jul	142	107	7	–	0	0	1	–	51	–	–	2	–	–	–
Leicestershire																												
Brooksby Hall	70	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Caldecott	53	13.5	5.2	9.3	+0.3	28.0	-11.3	–	–	509	88	31	28 Sep	135	93	15	8	4	2	8	16	65	129	–	3	3.66	98	–

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation														
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
4 MIDLAND COUNTIES (Continued)																												
Leicestershire (Continued)																												
Cottesmore	138	—	—	—	—	27.6	—	—	—	526	—	54	28 Sep	137	90	—	—	—	—	—	—	—	—	—	—	—		
Newtown Linford	119	13.2	5.1	9.1	+0.3	27.7	-9.9	—	—	590	88	41	28 Sep	154	111	13	11	0	1	6	14	64	111	—	0	3.63	101	S
Shropshire																												
Edge	126	12.9	5.4	9.1	—	27.5	-10.3	—	—	611	—	32	29 Apr	164	113	19	8	9	0	5	20	56	145	—	11	—	—	—
Ludlow College	107	—	(5.4)	—	—	27.3	-9.6	—	—	668	—	36	28 Sep	170	108	20	10	1	2	4	—	59	—	—	0	—	—	—
Nethercott	150	13.1	5.1	9.1	—	26.5	-9.3	—	—	664	—	34	28 Sep	149	115	16	11	1	8	5	33	62	132	—	3	—	—	—
Newcastle-on-Clun	210	—	—	—	—	—	-11.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oswestry School	139	13.0	5.7	9.3	—	26.7	-7.4	—	—	732	—	36	29 Apr	164	122	17	6	2	4	3	15	50	—	—	7	—	—	—
Pennerley	357	11.3	4.3	7.8	—	23.7	-9.7	—	—	(859)	—	63	28 Sep	194	131	12	20	1	1	1	35	59	115	—	3	—	—	—
Preston Montford	67	—	—	—	—	27.3	—	9.7	9.9	546	—	29	29 Apr,30 Jul	164	111	8	—	1	0	2	17	—	(137)	—	0	—	—	—
Shawbury (A)	72	13.2	5.1	9.1	+0.1	27.5	-9.0	9.9	—	517	77	29	29 Apr	157	99	26	7	2	21	5	14	72	132	—	4	3.69	100	—
West Midlands																												
Birmingham																												
Elmdon Airport (A)	98	13.3	5.4	9.3	+0.2	28.5	-10.6	—	—	614	92	50	30 Jul	152	99	32	9	2	13	4	10	62	122	84	1	3.77	99	—
Winterbourne	140	12.9	5.9	9.4	—	27.8	-8.4	10.4	10.2	671	—	40	28 Sep	159	123	34	16	12	3	6	21	52	127	86	13	3.80	—	—
Halesowen	155	13.3	5.4	9.3	+0.2	28.6	-10.1	10.0	10.5	623	81	39	28 Sep	167	108	23	9	0	4	2	19	65	123	97	3	3.75	100	S
Walsall	163	13.1	5.7	9.4	+0.3	28.6	-9.3	—	—	626	—	34	29 Apr	161	109	10	14	0	2	0	—	51	117	—	1	—	—	—
Warwickshire																												
Coventry (Bablake)	93	13.5	6.1	9.8	—	28.4	-8.5	10.6	10.5	590	—	53	30 Jul	145	96	20	12	2	5	2	9	44	108	85	3	3.83	—	—
Rugby	117	13.2	5.4	9.3	+0.1	27.4	-9.7	10.3	10.7	574	89	40	2 Jul	149	97	16	8	0	4	3	—	55	109	87	0	—	—	—
Stratford-upon-Avon	49	13.7	—	—	—	28.3	—	10.8	—	496	79	37	30 Jul	145	99	—	8	—	—	—	21	—	—	—	—	(1.45)	(97)	S
Wellesbourne	47	13.8	5.4	9.6	+0.3	29.2	-11.6	10.1	10.4	471	79	36	30 Jul	139	86	14	8	0	4	4	15	62	139	83	3	3.93	103	—
Northamptonshire																												
Moulton Park	122	13.2	5.4	9.3	—	27.7	-10.0	10.5	(10.7)	572	—	35	30 Jul	139	99	10	9	0	3	11	—	60	123	—	0	3.70	—	S
Raunds	59	13.7	5.4	9.5	+0.2	29.0	-9.6	10.7	10.8	505	84	29	27 Feb	147	94	13	8	0	3	6	15	62	130	—	0	—	—	
Hereford & Worcester																												
Astwood Bank	139	13.1	5.5	9.3	—	27.5	-10.2	—	—	563	—	35	30 Jul	151	103	20	11	0	6	4	30	60	114	—	4	—	—	—
Barbourne	25	14.5	5.5	10.0	—	30.5	-14.6	—	—	562	—	34	30 Jul	135	101	14	10	1	5	5	17	67	146	—	12	—	—	—
Batchley Farm	247	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Great Malvern	44	14.3	6.3	10.3	—	28.6	-8.7	—	—	646	—	32	29 Apr	160	108	—	—	—	—	—	—	49	—	—	—	—	—	
Lyonshall	155	12.7	5.5	9.1	+0.1	26.2	-8.8	—	—	730	88	38	28 Sep	167	116	—	—	—	—	—	—	45	139	—	—	—	—	—
Madley	77	13.5	5.3	9.4	—	27.0	-14.0	—	—	688	—	40	28 Sep	155	113	—	—	—	—	—	—	57	—	—	—	—	—	—
Malvern	62	14.0	6.5	10.3	+0.4	28.1	-7.3	10.6	10.8	647	90	32	29 Apr	169	107	15	11	3	5	3	15	46	123	—	6	3.52	91	S
Pershore																												
College of Hort	40	13.7	5.9	9.8	+0.0	28.1	-9.0	—	—	510	83	25	29 Apr	147	97	9	10	1	0	2	16	54	113	—	17	—	—	S
Preston Wynne	84	(13.1)	(5.4)	(9.3)	(+0.3)	26.6	-11.7	—	—	(606)	(91)	30	28 Sep	145	108	—	10	—	—	—	—	63	(142)	—	—	(1.45)	(87)	—
Ross on Wye	67	13.8	6.2	10.0	+0.3	27.7	-9.6	11.1	—	677	97	37	28 Sep	146	110	—	8	—	—	—	—	48	103	—	—	3.89	101	—
Gloucestershire																												
Cheltenham	65	14.0	5.9	9.9	-0.1	28.3	-10.1	—	11.0	841	121	31	18 Nov	167	138	8	9	3	1	4	4	48	—	—	28	3.85	98	—
Cirencester	135	(13.2)	(5.3)	(9.3)	—	27.2	-10.6	(10.5)	—	(727)	—	35	29 Apr	155	114	7	—	1	0	2	—	65	(146)	—	1	—	—	—
Didbrook Fields	80	13.3	5.4	9.3	—	27.2	-13.3	—	—	(591)	—	29	28 Sep,18 Nov	150	98	14	—	1	2	3	22	64	—	—	1	—	—	—
Randwick	200	(12.4)	(5.5)	(8.9)	—	26.1	-9.7	(10.2)	—	761	—	27	17 Jul	166	125	14	11	3	3	8	—	51	116	—	6	—	—	—
Slimbridge	5	(13.6)	(5.7)	(9.7)	—	27.5	-11.8	—	—	671	—	25	22 Feb	145	111	14	8	2	0	5	—	54	(120)	—	1	—	—	—
Westonbirt	122	12.8	5.1	8.9	—	26.2	-10.7	10.7	10.9	755	—	33	9 Jun	162	119	22	16	7	5	5	—	74	(128)	—	13	3.65	—	S

Table 3 Summary of daily observations

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)														Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation																	
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
4 MIDLAND COUNTIES (Continued)																														
Oxfordshire																														
Benson (A)	67	13.6	5.9	9.7	—	27.9	-10.8	—	—	529	85	25	30 Jul	144	90	—	—	—	—	—	—	55	—	—	—	—	—	—
Brize Norton (A)	81	13.4	5.7	9.5	+0.0	28.3	-10.0	10.4	—	603	—	33	28 Sep	142	100	18	9	1	8	7	16	53	100	81	0	4.09	—	—
Oxford (A)	63	13.6	6.4	10.0	+0.0	27.4	-9.7	10.9	—	528	80	33	30 Jul	146	88	9	8	2	1	1	24	42	119	—	2	4.05	98	—
Shirburn (Model Farm)	108	13.6	5.5	9.5	+0.1	28.3	-10.8	10.5	10.7	562	—	28	30 Jul	156	94	15	8	1	3	6	18	62	127	—	2	—	—	—
Wallingford	48	13.8	5.3	9.5	+0.1	28.5	-10.6	10.6	—	524	—	24	29 Apr,30 Jul	146	93	7	10	0	2	3	—	71	131	—	0	3.61	91	S
Buckinghamshire																														
Grendon Underwood	67	(13.6)	(4.4)	(9.0)	(+0.1)	27.7	-13.3	—	—	(554)	(87)	40	30 Jul	110	98	—	8	—	—	—	—	82	—	—	—	—	—	—
5 ENGLAND S E & CENTRAL S.																														
Greater London																														
Greenwich	7	14.4	(6.3)	(10.3)	(-0.3)	27.9	-9.4	—	—	507	85	29	29 Apr	127	86	9	10	0	0	6	—	45	(75)	—	0	—	—	S
Hampstead	137	13.5	6.6	10.1	+0.4	27.8	-8.5	—	—	579	—	33	29 Apr	155	96	15	12	2	0	8	6	33	109	—	2	—	—	—
Heathrow Airport (A)	25	14.5	6.8	10.7	+0.3	29.7	-8.9	—	—	535	88	29	29 Apr,30 Jul	134	86	10	8	2	4	10	6	40	97	72	0	4.10	100	—
Kew Royal Botanic Gardens	6	14.4	6.3	10.3	—	29.3	-10.9	10.6	10.9	579	93	32	29 Apr	144	96	12	10	2	0	6	7	51	97	95	0	4.11	—	S
London Weather Centre (A) (X)	77	14.6	8.5	11.5	—	28.5	-6.8	—	—	481	—	30	29 Apr	128	93	12	—	1	6	13	3	17	—	—	1	4.09	97	—
Northolt	34	—	—	—	—	—	—	—	—	526	—	28	29 Apr, 2 Jul, 26 Sep	128	92	—	—	—	—	—	—	—	—	—	—	—	—	—
Northwood	85	13.7	6.3	10.0	—	28.5	-8.4	—	—	584	—	31	26 Sep	139	102	9	9	2	0	5	—	43	—	—	2	—	—	—
St James's Park	9	14.5	7.9	11.2	+0.3	28.5	-8.3	—	—	544	87	32	29 Apr	133	96	—	10	—	—	—	—	23	—	—	—	—	—	—
Waltham Cross	32	(14.3)	—	—	—	29.0	—	10.7	—	540	—	26	29 Apr	146	95	—	10	—	—	—	—	—	—	—	—	—	—	S
Wiltshire																														
Boscombe Down (A)	126	13.2	5.8	9.5	+0.0	27.0	-9.6	—	—	674	93	43	28 Sep	168	115	—	—	—	—	—	—	59	—	—	—	—	—	—
Lacock	49	(13.6)	(5.3)	(9.5)	(+0.2)	27.7	-10.0	—	—	596	84	25	17 Jul	147	105	11	6	4	1	7	—	68	114	—	4	—	—	—
Larkhill	132	13.1	5.6	9.3	+0.0	26.4	-10.5	—	—	692	—	38	28 Sep	163	113	—	—	—	—	—	—	60	—	—	—	—	—	—
Lyneham (A)	145	12.9	5.7	9.3	+0.1	27.4	-9.4	—	—	634	89	25	29 Apr	161	113	19	8	0	17	6	25	61	115	81	—	4.09	96	—
Marlborough	129	13.6	4.8	9.2	+0.3	27.4	-10.6	—	—	712	88	29	28 Sep	156	112	10	11	0	4	5	18	73	—	—	2	3.89	97	S
Netheravon	129	12.9	4.9	8.9	—	27.0	-10.8	—	—	663	—	28	28 Sep	153	109	—	—	—	—	—	—	74	—	—	—	—	—	—
Berkshire																														
Arborfield	49	13.8	5.3	9.5	—	28.0	-10.5	—	—	526	—	28	29 Apr	144	90	8	9	1	0	3	37	69	116	—	0	4.06	—	—
Easthampstead	74	13.6	5.5	9.5	+0.3	27.7	-10.8	10.3	10.6	547	—	27	29 Apr	142	89	10	9	2	5	12	13	72	116	98	0	4.07	—	—
Hurley	43	13.7	5.7	9.7	+0.1	27.7	-10.0	10.3	—	562	81	32	29 Apr	143	102	11	8	2	3	7	17	57	109	—	2	3.85	98	—
Lambourn (Warren Farm)	192	—	(5.3)	—	—	26.3	-8.2	(9.9)	—	637	—	28	29 Apr	170	108	—	17	—	—	—	—	58	—	—	—	—	—	—
Reading	66	13.7	6.3	10.0	+0.3	27.6	-8.9	10.4	10.7	525	—	31	29 Apr	132	83	9	9	0	3	5	22	43	131	85	0	3.69	85	S
Surrey																														
Merrist Wood	45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
Mickleham	55	(14.1)	4.7	(9.4)	(+0.1)	29.5	-11.0	10.9	11.3	621	83	25	1 Jan,18 Nov	143	100	—	10	—	—	—	17	79	131	—	—	—	—	—
Wisley	32	14.2	—	—	—	28.8	—	10.5	11.0	523	80	27	29 Apr	141	94	10	10	0	0	6	41	—	(114)	—	8	3.85	94	—
Kent																														
Anvil Green	139	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Charing	91	—	—	—	—	—	—	—	—	612	—	25	29 Apr	152	109	—	—	—	—	—	—	—	—	—	—	—	—	—
East Malling (A)	33	13.9	6.2	10.1	+0.4	27.5	-9.5	10.9	11.2	593	90	37	7 Aug	146	96	—	10	—	—	—	14	44	111	78	—	4.29	101	—
Edenbridge	45	—	4.9	—	—	—	-10.9	—	—	590	—	27	29 Apr	140	109	—	—	—	—	—	—	69	—	—	—	—	—	S
Elmstone	5	14.5	5.5	10.0	—	28.9	-9.6	—	—	542	—	25	29 Apr	140	98	9	10	0	0	7	9	52	—	—	3	—	—	—

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)														Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation																	
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
5 ENGLAND S E & CENTRAL S. (Continued)																														
Kent (Continued)																														
Folkestone	31	13.2	6.9	10.1	–	26.5	–8.1	–	11.4	672	–	31	23 Jul	160	107	10	11	0	2	8	2	35								
Goudhurst	85	13.6	5.5	9.5	+0.2	27.5	–9.9	–	–	724	87	26	23 Jun	155	110	7	11	3	1	8	8	63	121	–	0	–	–	–		
Hadlow College	27	14.1	5.2	9.7	+0.2	28.2	–10.5	10.5	–	594	–	27	29 Apr	141	98	6	10	4	0	3	7	64	–	–	0	3.19	83	S		
Herne Bay	27	13.4	7.1	10.3	–	27.4	–8.9	(11.1)	(11.2)	500	–	28	29 Apr	145	95	9	10	3	1	9	–	30	67	42	8	4.72	–	–		
Manston (A)	44	13.4	6.8	10.1	+0.1	26.9	–8.3	11.2	–	486	83	27	29 Apr	138	95	–	8	–	–	–	–	31	69	55	–	4.48	–	–		
Margate, North Down	40	(13.5)	(7.5)	(10.5)	–	27.7	–7.6	(11.9)	–	551	–	28	29 Apr,26 Jun	148	101	–	9	–	–	–	7	20	–	–	–	–	–	–		
Ulcombe	47	–	–	–	–	–	–	–	–	537	–	25	29 Apr	143	97	–	–	–	–	–	–	–	–	–	–	–	–	–		
Wye	56	13.5	(5.9)	(9.7)	(+0.0)	27.0	–9.8	10.9	11.1	641	85	25	1 Aug	146	106	10	9	3	1	9	30	51	117	–	0	(1.46)	(100)	–		
Hampshire																														
Alice Holt Lodge	115	13.5	5.2	9.3	+0.0	27.5	–10.5	–	–	652	82	28	28 Sep	155	107	13	8	4	0	9	11	69	143	–	0	3.83	93	–		
Butser, Windmill Hill	160	13.5	5.8	9.7	–	27.9	–10.0	10.4	10.5	835	–	44	23 Jun	144	116	5	9	0	1	3	6	57	132	–	0	–	–	–		
Everton	16	(13.5)	6.9	(10.2)	(+0.1)	28.2	–8.4	–	–	624	81	28	23 Jun,28 Sep	141	105	6	3	1	3	3	11	34	97	–	2	4.53	95	–		
Hayling Island	4	13.4	(7.7)	(10.5)	(+0.0)	27.9	–8.9	–	–	569	81	36	28 Sep	139	100	8	0	1	0	5	5	23	–	–	1	–	–	–		
Kingsclere, Strattons Farm	102	13.3	5.2	9.3	–	27.8	–10.2	–	–	696	–	28	29 Apr,28 Sep	167	116	9	8	0	1	7	16	69	124	–	8	–	–	–		
Leckford	117	13.3	5.6	9.5	+0.1	26.3	–10.3	10.0	–	731	90	29	28 Sep	154	115	3	7	0	1	0	15	59	–	–	2	–	–	–		
Long Sutton	145	13.1	5.6	9.3	+0.0	26.6	–9.6	10.7	11.0	676	85	29	28 Sep	152	111	13	8	3	6	7	15	55	114	89	0	3.92	96	–		
Martyr Worthy	84	–	–	–	–	28.0	–	–	–	685	–	27	28 Sep	155	109	5	8	0	1	5	–	–	–	–	0	–	–	–		
Middle Wallop	90	13.6	6.0	9.8	–	28.0	–9.6	–	–	727	–	30	28 Sep	161	111	–	–	–	–	–	–	53	–	–	–	–	–	–		
Odiham	118	–	–	–	–	–	–9.5	–	–	589	–	27	28 Sep	156	103	–	8	–	–	–	–	–	–	–	–	4.09	–	–		
Otterbourne	34	14.1	5.9	10.0	–	28.8	–9.4	(11.1)	(11.3)	695	–	34	28 Sep	152	107	–	–	–	–	–	–	60	(98)	–	–	–	–	–		
Solent M R S C	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Southampton																														
Mayflower Park	3	14.3	7.2	10.7	+0.0	29.5	–8.6	11.6	12.2	661	–	31	23 Jun	143	110	–	–	–	–	–	6	31	83	67	–	4.08	89	S		
Weather Centre (X)	19	14.4	7.5	10.9	–	29.7	–8.4	–	–	688	–	33	23 Jun	147	109	–	–	0	4	5	6	26	–	47	0	–	–	–		
South Farnborough	69	13.9	–	–	–	28.5	–	–	–	579	–	37	28 Sep	143	88	–	–	–	–	–	–	–	–	–	–	–	–	–		
Southsea	2	13.7	8.0	10.9	+0.0	28.1	–8.6	11.9	11.9	592	83	26	23 Jun	134	97	8	3	0	2	3	4	22	66	–	3	–	–	–		
Sparsholt	113	(13.3)	(5.9)	(9.6)	–	26.6	–12.0	–	–	742	87	36	23 Jun	156	110	8	6	0	0	1	–	49	98	–	1	–	–	S		
Isle of Wight																														
Ryde	4	13.6	8.1	10.9	+0.1	25.2	–7.2	–	–	645	82	25	23 Jun	138	104	8	0	3	3	6	6	11	–	–	6	–	–	–		
St Catherines Point	16	–	–	–	–	–	–8.0	–	–	630	83	33	28 Sep	149	112	–	–	–	–	–	–	–	–	–	–	–	–	–		
Sandown	4	(13.6)	–	–	–	26.0	–	–	–	671	–	19	28 Sep	122	108	5	0	2	0	2	–	–	–	–	1	(1.22)	(92)	–		
Shanklin	55	13.1	7.1	10.1	–0.1	25.6	–7.9	–	–	705	78	27	19 Jun	152	111	8	–	7	1	6	19	27	–	–	8	4.96	95	–		
Ventnor Park	135	13.1	7.9	10.5	+0.0	25.2	–8.1	11.5	–	621	72	27	29 Apr,19 Jun	143	107	6	4	1	2	7	–	13	–	–	10	4.86	97	–		
Wellow	25	–	–	–	–	27.2	–	–	–	685	–	29	28 Sep	154	113	–	–	–	–	–	–	–	–	–	–	–	–	–		
West Sussex																														
Bognor Regis	7	12.8	7.6	10.2	–0.1	27.8	–9.2	–	11.8	638	87	21	23 Jun	150	104	4	6	1	3	6	7	22	–	–	2	5.02	102	–		
Gatwick Airport (A)	59	13.9	5.6	9.7	+0.3	28.0	–12.1	11.4	–	674	88	30	23 Jun	148	110	14	10	2	2	14	11	65	107	–	0	4.25	100	–		
Rogate	64	(13.8)	(5.7)	(9.7)	(+0.1)	27.0	–11.2	–	–	772	–	33	23 Jun,28 Sep	132	112	–	–	–	–	–	–	49	103	–	–	(1.32)	–	S		
Rustington	3	13.5	6.6	10.1	+0.2	27.6	–9.2	–	11.4	681	–	28	23 Jun	153	111	9	7	1	5	9	12	42	93	–	0	4.78	108	–		
Worthing	2	13.3	(6.9)	(10.1)	–	28.2	–9.0	11.3	–	642	–	25	23 Jun	145	103	7	7	3	1	7	4	36	–	–	1	(1.45)	(94)	–		
East Sussex																														
Bexhill	4	–	7.6	–	–	27.1	–8.4	11.1	11.7	759	101	28	18 Nov	159	109	6	10	2	0	1	18	25	66	–	6	(1.59)	(83)	–		
Brede	82	–	–	–	–	–	–	–	–	754	–	30	23 Jun	148	105	–	–	–	–	–	–	–	–	–	–	–	–	–		
Brighton	116	(13.1)	(7.1)	(10.1)	–	26.8	–9.9	–	–	701	–	26	29 Apr	145	101	10	7	4	1	4	–	26	67	–	1	–	–	–		

Table 3 Summary of daily observations

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)													Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation															
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
5 ENGLAND S E & CENTRAL S. (Continued)																													
East Sussex (Continued)																													
Eastbourne	7	13.3	8.1	10.7	+0.2	26.9	-7.5	11.4	12.0	783	97	33	2 Jul	147	112	11	9	5	1	12	8	18	49	–	14	4.76	95	–
East Hoathly	38	–	–	–	–	–	–	–	–	784	–	37	23 Jun	149	114	–	–	–	–	–	–	–	–	–	–	–	–	–
Hastings	45	13.0	7.6	10.3	+0.0	27.1	-8.8	11.6	11.8	737	100	32	18 Nov	145	113	14	10	3	3	18	8	19	59	39	10	4.58	97	–
Herstmonceux (A)	17	13.3	6.2	9.7	–	26.5	-9.8	–	–	743	–	42	23 Jul	156	110	12	10	3	7	21	3	45	92	65	9	4.52	–	–
Plumpton	76	13.6	6.3	9.9	+0.0	27.1	-9.6	–	–	891	87	49	23 Jun	157	107	–	10	–	–	–	22	44	93	–	–	4.00	90	–
7A ENGLAND NW & I.o.M.																													
Cumbria																													
Aspatria	61	12.3	5.6	8.9	–	26.3	-7.1	–	–	992	–	35	2 Nov	186	142	23	10	7	2	2	12	55	99	–	16	4.02	–	–
Carlisle (A)	26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Casterton	129	11.9	5.2	8.5	–	26.9	-6.7	–	–	1201	–	40	10 Nov	189	151	14	10	2	13	9	6	64	135	–	4	–	–	–
Eskmeals (A)	8	–	6.5	–	–	28.5	-5.1	10.2	10.5	1002	–	32	31 Oct	200	137	–	–	–	–	–	–	44	–	–	–	–	–	–
Grizedale	91	(12.0)	(4.2)	(8.1)	(+0.1)	26.0	-7.2	(9.5)	–	1908	108	60	21 Dec	190	164	14	–	2	0	0	–	82	–	–	0	–	–	
Newton Rigg	171	–	4.8	–	–	–	-8.6	9.3	–	1000	113	34	18 Dec	184	138	23	24	5	4	1	–	69	(145)	–	13	3.35	94	–
Sellafield (A)	22	(12.7)	(6.2)	(9.5)	–	27.3	-5.3	–	–	995	–	31	20 Mar, 7 Oct	174	146	–	–	–	–	–	–	39	(93)	–	–	3.72	–	–
Stainburn	26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whins Pond	125	–	–	–	–	–	–	–	–	890	–	25	1 Nov	198	139	–	–	–	–	–	–	–	–	–	–	–	–	S
Lancashire																													
Aughton (A)	54	12.7	6.6	9.7	–	28.0	-5.4	9.9	10.3	618	–	24	2 Jul	164	116	14	12	2	15	7	11	40	95	67	4	4.00	–	–
Hazelrigg	95	12.1	6.1	9.1	–	25.9	-5.7	9.2	9.6	928	–	28	10 Nov	177	140	24	4	1	10	7	10	43	117	90	18	3.60	–	–
Lathom Park	55	12.8	6.2	9.5	–	27.4	-5.5	10.7	–	718	–	24	21 Feb	162	126	6	4	5	0	7	–	41	–	–	22	3.59	–	S
Morecambe	7	12.6	7.1	9.9	+0.3	27.3	-4.6	–	–	937	96	29	20 Dec	175	129	8	4	2	2	4	2	30	–	–	10	3.87	98	–
Myerscough	14	–	5.9	–	–	27.4	-5.9	–	10.8	843	–	27	1 Jan	171	130	10	6	1	5	7	–	50	118	–	12	3.41	–	S
Preston	33	12.9	6.2	9.5	+0.2	27.0	-5.4	–	–	843	85	25	1 Jan	177	137	12	4	0	11	9	5	47	–	–	0	–	–	–
Slaidburn	192	11.7	5.1	8.4	+0.4	24.7	-7.5	–	–	1431	96	67	21 Dec	184	141	–	17	–	–	–	–	58	136	–	–	3.45	99	S
Squires Gate Airport (A)	10	–	–	–	–	–	-6.7	–	–	714	84	22	13 Nov	171	130	–	–	–	–	–	–	–	–	–	–	–	–	–
Merseyside																													
Aigburth (A)	12	13.4	7.1	10.3	+0.3	27.4	-4.7	–	–	(516)	–	21	20 Dec	164	107	10	4	1	12	3	18	35	82	67	6	–	–	–
Bidston	60	13.0	7.6	10.3	–	27.8	-4.9	–	–	486	67	20	20 Dec	170	107	11	2	8	5	4	10	25	–	–	3	3.87	–	S
Crosby	6	–	–	–	–	28.7	–	–	–	594	–	20	31 Oct	169	122	–	–	2	2	3	–	–	–	–	26	–	–	–
Southport, Greenbank	15	12.8	6.8	9.8	–	28.3	-5.0	10.2	10.3	(600)	–	20	31 Oct	162	115	5	11	4	0	4	5	37	68	46	4	3.87	–	–
Greater Manchester																													
Bolton	107	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	S
Manchester Ringway Airport (A)	75	13.3	5.9	9.6	+0.2	28.6	-7.1	–	–	577	72	19	21 Dec	169	114	24	7	1	19	15	8	50	111	78	1	3.66	98	–
Cheshire																													
Bradeley Green	115	(12.7)	(5.6)	(9.1)	–	26.9	-7.1	–	–	(582)	–	31	29 Apr	168	113	14	–	7	0	4	–	46	–	–	4	–	–	–
Delamere Forest	68	(13.5)	(4.9)	(9.2)	–	27.0	-8.5	–	–	(537)	–	24	29 Apr	138	114	10	5	1	0	6	–	71	(108)	–	0	–	–	–
Knutsford	65	13.3	5.6	9.5	+0.2	28.0	-7.0	10.4	10.5	586	–	21	15 Jun,21 Dec	165	117	14	9	0	9	12	–	55	115	–	12	–	–	–
Macclesfield	143	–	–	–	–	27.4	–	–	–	(669)	(74)	34	21 Dec	175	120	16	11	0	1	7	–	–	–	–	3	–	–	–
Nantwich, Reaseheath Hall	40	(13.7)	5.2	(9.5)	–	28.5	-8.4	–	–	(516)	–	23	21 Dec	147	117	11	5	3	0	6	–	57	(115)	–	1	–	–	–
Ness Gardens	30	(13.4)	(6.2)	(9.8)	(+0.3)	28.6	-5.6	10.3	–	472	–	22	29 Apr	160	104	12	2	5	0	3	–	44	122	–	9	(1.60)	(101)	S
Isle of Man																													
Douglas	85	11.9	7.0	9.5	+0.3	24.8	-2.5	–	–	990	88	32	15 Sep	190	143	8	2	5	1	1	15	12	52	–	23	3.26	76	–
Point of Ayre (A)	9	12.6	7.2	9.9	+0.1	23.2	-4.2	–	–	748	91	44	31 Oct	170	116	8	1	0	4	6	4	5	–	–	27	4.04	94	–

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation														
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
7A ENGLAND NW & I.o.M. (Continued)																												
Isle of Man (Continued)																												
Ronaldsway Airport (A)	16	12.6	7.2	9.9	+0.4	26.5	-3.2	–	–	744	86	30	31 Oct	183	125	14	2	1	12	1	5	20	62	34	13	4.11	97	–
7B WALES N																												
Gwynedd																												
Aber	10	–	(7.2)	–	–	–	-4.0	10.2	–	876	–	35	1 Apr	181	129	10	0	6	4	5	0	28	–	–	4	3.80	–	S
Amlwch, Anglesey	114	11.9	6.9	9.4	–	24.5	-4.1	–	–	766	–	29	20 Mar	192	148	8	–	0	14	3	–	23	66	–	26	–	–	–
Arthog, Fegla Fach Farm	7	(13.6)	(6.9)	(10.3)	–	26.5	-6.6	–	–	1095	–	40	7 Oct	193	152	5	–	1	0	1	–	41	–	–	5	–	–	–
Bala	163	12.2	(4.6)	(8.4)	(+0.1)	25.6	-11.6	9.8	10.0	1240	100	68	22 Feb	198	146	14	7	11	0	4	27	73	–	105	3	3.06	88	–
Betws-y-Coed	20	–	5.6	–	–	27.5	-7.4	(10.2)	10.1	(1332)	–	59	22 Feb	196	153	8	5	3	6	3	–	54	(134)	(112)	0	–	–	–
Botwnnog	34	(13.0)	(6.5)	(9.7)	(-0.1)	27.3	-4.3	(11.2)	(11.5)	–	–	–	–	–	–	2	1	0	0	1	–	28	88	–	38	–	–	–
Dinorwic	296	(11.4)	(6.0)	(8.7)	–	24.9	-6.6	–	–	1575	–	48	7 Oct	227	172	34	13	4	2	2	–	35	96	–	41	–	–	–
Llanymawddwy	145	12.3	5.3	8.8	–	26.7	-10.0	–	–	2173	–	133	22 Feb	215	164	25	11	16	8	8	5	58	109	–	10	–	–	–
Nantmor	58	–	–	–	–	(27.0)	–	–	–	1728	–	50	20 Mar	225	175	–	–	–	–	–	–	–	–	–	–	–	–	–
Pen-y-Ffridd	84	13.5	6.8	10.1	+0.4	26.0	-5.9	–	–	874	78	37	7 Oct	207	150	5	2	1	0	0	2	32	107	–	11	3.40	86	S
Trawsfynydd (A)	193	–	–	–	–	–	–	–	–	1627	–	61	1 Apr	217	168	–	–	–	–	–	–	–	–	–	–	–	–	–
Valley (A)	10	13.0	7.4	10.2	+0.2	27.3	-4.9	11.1	–	625	73	27	31 Oct	186	134	10	5	1	16	3	7	27	53	43	15	4.25	96	–
Clwyd																												
Alwen	335	11.0	3.7	7.3	+0.3	24.4	-10.6	–	–	1212	96	54	22 Feb	216	165	–	23	–	–	–	3	89	134	–	–	–	–	–
Colwyn Bay	36	13.2	6.9	10.1	–	27.1	-4.4	10.6	–	653	–	25	29 Apr	172	129	8	1	4	4	2	2	30	–	–	0	3.98	–	–
Cynwyd	208	–	–	–	–	–	–	–	–	1015	–	50	22 Feb	195	148	–	–	–	–	–	–	–	–	–	–	–	–	–
Hawarden Bridge	5	13.9	6.4	10.1	+0.3	28.7	-6.1	–	–	510	72	24	29 Apr	163	102	10	3	2	1	4	10	47	–	–	5	–	–	–
Llanarmon Dyffryn Ceiriog	267	11.5	4.4	7.9	–	25.0	-8.4	–	–	1097	–	45	22 Feb	192	136	40	23	29	3	6	21	69	–	–	10	–	–	–
Loggerheads	210	12.1	4.5	8.3	+0.2	25.7	-8.8	9.3	9.5	710	78	35	29 Apr	178	134	18	17	0	2	1	10	73	136	–	0	3.52	97	S
Moel-y-Crio	263	11.7	5.2	8.5	–	25.2	-7.7	9.6	–	675	–	31	29 Apr	181	134	–	18	9	13	5	31	50	124	–	10	3.74	–	–
Prestatyn	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ruthin	76	13.6	5.5	9.5	+0.4	26.6	-7.0	–	–	661	89	28	28 Sep	177	128	–	3	–	–	–	0	49	–	–	–	3.41	92	–
Powys (North)																												
Lake Vyrnwy	360	(11.5)	(4.0)	(7.7)	–	24.5	-10.6	–	–	(1717)	–	101	22 Feb	210	153	–	22	–	–	–	–	86	–	–	–	–	–	–
Llanfair Caereinion	236	12.1	5.1	8.6	–	26.0	-8.6	9.9	–	975	–	46	27 Jun	197	136	19	19	7	1	5	16	51	107	–	9	–	–	–
Machynlleth	76	(13.0)	(5.1)	(9.1)	–	27.4	-9.3	–	–	(1781)	–	88	9 Aug	202	165	2	–	4	0	1	–	59	(84)	–	2	–	–	–
Moel Cynnedd	358	10.9	3.6	7.3	+0.2	24.6	-13.7	8.4	–	2276	–	125	22 Feb	219	174	20	29	4	2	0	–	90	160	–	0	–	–	–
Newtown	120	13.5	–	–	–	26.6	–	–	–	927	–	30	29 Apr,28 Sep	180	127	13	7	0	0	3	–	–	–	–	0	–	–	–
8A WALES S																												
Dyfed																												
Aberporth (A)	134	12.1	6.9	9.5	+0.0	27.1	-6.3	10.5	–	770	–	41	7 Oct	179	129	15	4	12	12	4	11	29	66	48	44	4.11	97	–
Brawdy (A)	111	–	–	–	–	26.9	–	–	–	1062	94	33	17 Jul	189	147	11	6	16	11	9	27	–	88	52	17	4.24	–	–
Carmarthen Museum	9	–	–	–	–	27.5	–	–	–	(1234)	–	43	31 Oct	193	149	5	3	1	1	3	–	–	–	–	3	–	–	–
Cwmystwyth	301	(11.2)	(4.7)	(7.9)	(+0.0)	24.6	-12.8	–	–	(1687)	–	58	22 Feb	203	168	–	–	–	–	–	–	70	(127)	–	–	(2.03)	(104)	S
Dale Fort	33	(13.2)	–	–	–	25.8	–	(10.8)	–	898	112	38	29 Apr	176	140	3	2	4	2	6	–	–	46	–	6	4.66	97	–
Gogerddan	31	13.0	6.3	9.7	+0.1	26.9	-9.1	10.7	–	994	–	35	29 Apr	186	139	12	4	1	11	10	2	48	90	–	2	3.91	100	–
Milford Haven (A)	37	12.8	7.6	10.2	-0.1	26.9	-5.6	–	–	1057	–	33	29 Apr	182	137	4	–	5	3	6	–	23	42	–	21	–	–	–
Orielton	61	(12.8)	(7.3)	(10.1)	(+0.2)	26.8	-7.6	–	–	1106	–	48	29 Apr	184	140	6	5	2	1	0	–	21	62	–	4	–	–	–
Rhandirmwyn	168	(12.3)	(4.7)	(8.5)	–	25.5	-12.0	–	–	1559	–	43	23 Aug	201	162	10	17	0	7	1	–	72	–	–	8	–	–	–
Saron	152	12.5	–	–	–	26.6	–	–	–	1326	–	42	7 Oct	191	153	11	14	8	0	3	6	–	110	–	19	–	–	–

Table 3 Summary of daily observations

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation														
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
8A WALES S (Continued)																												
Dyfed (Continued)																												
Scolton Country Park	77	13.0	5.9	9.5	—	27.3	-7.9	—	—	1139	—	34	28 Sep	190	155	20	7	3	12	10	8	49	114	—	18	—	—	-
Skokholm Island	34	—	—	—	—	25.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
St Clears	40	—	—	—	—	—	-9.0	—	—	(1230)	—	32	22 Feb,18 Mar	192	151	12	—	6	8	5	—	—	—	—	4	—	—	-
Swyddffynnon	168	11.9	(5.1)	(8.5)	—	24.9	-13.5	—	—	1092	—	28	22 Feb	202	162	7	12	1	0	2	7	62	(126)	—	3	3.31	—	-
Talgareg	198	12.1	4.1	8.1	—	25.9	-9.9	—	—	1229	—	33	30 Jul,31 Oct	200	157	7	19	2	10	3	6	85	—	—	10	—	—	-
Tenby	5	—	—	—	—	25.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Towy Castle	88	12.6	6.2	9.4	—	26.2	-8.2	10.4	10.7	1234	—	39	18 Mar	206	151	15	10	9	5	13	9	47	104	61	4	4.03	—	S
Whitechurch	129	(12.8)	5.7	(9.3)	—	27.3	-9.0	11.1	10.8	1403	—	47	22 Feb, 7 Oct	193	151	25	7	1	6	11	3	52	125	—	21	—	—	-
Powys (South)																												
Bronydd Mawr	330	11.3	4.3	7.8	—	24.7	-12.5	—	—	(1424)	—	47	1 Jan	205	163	26	19	4	5	2	17	71	131	—	2	2.94	—	-
Llangenny	122	(13.2)	(5.7)	(9.5)	—	26.0	-8.5	—	—	975	—	53	28 Sep	158	124	8	13	1	0	0	—	48	—	—	1	—	—	-
Llangunllo	310	(11.3)	(4.6)	(7.9)	—	24.1	-10.7	9.1	—	(1058)	—	40	9 Oct	188	145	29	17	2	1	4	—	65	(141)	—	0	—	—	-
Llysdinam	200	(12.7)	(4.8)	(8.7)	—	25.6	-13.5	10.5	—	1116	—	37	29 Apr	180	137	23	15	11	6	3	—	65	(131)	—	14	—	—	-
Pencelli	160	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
Presteigne	175	12.8	3.8	8.3	—	25.4	-10.1	—	—	867	—	45	28 Sep	178	117	28	9	2	7	6	11	95	—	—	5	—	—	-
St Harmon	279	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Velindre	152	12.9	5.3	9.1	—	26.2	-11.6	10.5	10.5	920	—	96	28 Sep	175	121	26	17	4	11	4	16	61	123	—	1	—	—	-
West Glamorgan																												
Mumbles Head	35	12.8	7.9	10.3	+0.1	25.1	-6.5	—	—	—	—	—	—	—	—	10	5	11	0	9	9	20	33	—	31	—	—	-
Neath	62	13.7	6.8	10.3	+0.0	27.3	-8.5	—	—	1205	95	46	18 Mar	175	143	4	6	2	0	1	4	32	73	—	1	—	—	-
Penmaen	87	13.0	7.0	10.0	+0.0	26.9	-8.2	11.0	11.2	1141	—	49	17 Jul	182	132	9	15	5	9	6	11	30	76	59	29	4.11	97	-
Swansea	10	14.0	(7.6)	(10.8)	(+0.1)	29.4	-7.7	—	12.4	1119	96	41	17 Jul	173	144	—	—	—	—	—	2	26	68	36	—	4.03	95	S
Mid Glamorgan																												
Cilfynydd (A)	194	—	—	—	—	27.0	—	—	—	1489	—	57	22 Feb	169	133	—	—	—	—	—	—	—	—	—	—	—	—	-
Cwmbargoed	372	(11.1)	(4.9)	(8.0)	—	(24.5)	-9.9	—	—	1350	—	46	28 Sep	197	140	—	—	—	—	—	—	56	144	—	—	—	—	-
Porthcawl	6	(13.7)	(6.5)	(10.1)	(-0.4)	27.7	-8.2	—	—	(912)	(93)	45	29 Apr	151	130	—	—	—	—	—	—	28	—	—	—	—	—	-
South Glamorgan																												
Cardiff																												
Bute Park	9	13.9	6.8	10.3	—	27.8	-7.7	11.2	11.2	998	—	40	22 Feb	161	127	—	7	—	—	—	5	42	109	—	—	—	—	S
Weather Centre (X)	58	14.0	7.8	10.9	—	28.1	-6.2	—	—	813	—	30	29 Apr	152	118	13	—	6	11	10	8	21	—	—	0	—	—	-
Flat Holm	15	—	—	—	—	26.3	—	—	—	(696)	—	28	29 Apr	137	111	3	5	2	0	5	—	—	—	—	28	—	—	-
Rhoose Airport (A)	65	13.0	6.5	9.7	+0.0	26.2	-8.8	—	—	842	—	38	29 Apr	157	118	10	9	2	14	5	14	42	86	—	8	4.22	98	-
Gwent																												
Crossway	140	13.3	5.5	9.4	—	26.5	-7.0	—	—	(781)	—	40	28 Sep	126	115	10	9	0	0	3	15	41	—	—	1	—	—	-
Llanishan	180	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-
Tredegar, Bryn Bach Park	380	(11.4)	(4.3)	(7.9)	—	24.6	-11.0	—	—	(1605)	—	67	7 Oct	187	148	—	22	—	—	—	—	75	(138)	—	—	—	—	-
Usk	21	14.0	5.6	9.8	—	26.9	-12.0	11.3	—	964	—	33	1 Jan	155	120	—	11	—	—	—	17	65	147	—	—	—	—	-
8B ENGLAND SW																												
Avon																												
Bristol																												
Weather Centre (A) (X)	42	13.9	7.8	10.9	—	27.8	-6.6	—	—	739	—	24	29 Apr, 2 Nov	162	111	16	—	8	2	7	6	26	—	—	3	4.02	—	-
Long Ashton	51	12.9	6.6	9.7	-0.2	26.2	-7.9	—	—	908	104	35	9 Oct	175	125	0	—	0	0	1	—	48	—	—	0	—	—	-
Weston Super Mare	5	—	—	—	—	27.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation															
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
8B ENGLAND SW (Continued)																												
Somerset																												
Brymore	23	14.2	6.4	10.3	–	27.8	-8.3	11.0	–	722	–	63	28 Sep	154	115	5	5	1	0	2	10	50	90	–	2	4.12	–	S
Castle Cary	135	–	–	–	–	–	-9.5	–	–	752	–	33	28 Sep	167	126	19	7	3	4	10	26	–	(101)	–	3	–	–	–
Downside Abbey	183	(12.5)	(5.6)	(9.1)	(-0.1)	26.1	-9.3	–	–	979	–	38	28 Sep	172	130	–	–	–	–	–	–	51	–	–	–	–	–	–
Minehead	10	13.8	7.5	10.7	–	26.9	-6.1	11.1	10.9	805	–	58	28 Sep	151	113	11	13	7	12	7	8	28	82	43	2	4.35	–	–
Nettlecombe	96	(13.4)	–	–	–	26.4	–	(11.0)	–	948	–	71	28 Sep	153	118	8	15	4	0	3	–	–	120	–	0	–	–	–
Nettlecombe (Birds Hill)	280	(11.5)	(6.0)	(8.7)	–	24.6	-9.6	9.7	–	1047	–	78	28 Sep	175	134	10	16	4	0	3	14	37	–	–	3	–	–	S
Rodney Stoke	40	13.5	6.2	9.9	+0.0	27.0	-8.5	11.3	11.3	723	–	28	17 Jul	174	127	8	7	0	0	4	5	40	(114)	–	0	–	–	–
Tivington	82	13.4	6.5	9.9	–	26.5	-8.0	11.0	11.4	961	–	73	28 Sep	166	121	–	15	16	15	11	9	35	74	44	2	–	–	–
Yeovilton (A)	18	13.7	–	–	–	28.3	–	–	–	693	–	43	28 Sep	163	110	–	4	–	–	–	13	–	–	–	–	–	–	–
Dorset																												
Bournemouth Hurn Airport (A)	10	14.1	5.5	9.8	+0.0	29.3	-10.9	10.7	–	734	94	43	28 Sep	152	112	9	3	0	6	9	5	68	126	84	0	4.51	98	–
Kings Park	27	14.0	6.6	10.3	–	29.6	-9.3	11.7	11.7	751	–	77	28 Sep	140	113	7	4	5	1	8	5	48	75	–	5	4.68	–	S
Christchurch	4	(13.8)	–	–	–	28.4	-8.7	–	–	715	91	49	28 Sep	145	108	–	5	–	–	–	–	–	91	–	–	–	–	–
Fontmell Magna	95	(13.7)	(5.4)	(9.5)	–	28.3	-11.2	–	–	767	–	45	28 Sep	166	116	10	8	4	6	6	24	67	–	–	30	–	–	–
Lower Kingcombe	122	(12.8)	(4.8)	(8.8)	–	26.9	-12.5	–	–	1023	–	85	28 Sep	167	126	14	7	5	4	3	–	75	–	–	14	–	–	–
Poole	5	14.5	(7.3)	(10.9)	(+0.7)	28.8	-7.9	–	–	819	–	110	28 Sep	156	111	7	3	3	2	7	7	30	78	–	0	4.52	96	–
Portland Bill (Coastguard) (A)	53	12.8	7.7	10.3	-0.1	24.5	-8.4	–	–	585	–	28	28 Sep	133	95	4	3	2	2	3	18	18	43	–	18	4.53	93	–
Swanage	11	13.4	7.7	10.5	+0.0	23.0	-6.6	–	12.1	700	88	25	29 Apr,23 Jun	148	110	7	5	1	0	5	4	18	51	–	7	4.61	95	–
Weymouth	21	13.6	7.3	10.5	+0.1	26.9	-9.0	–	–	691	–	50	28 Sep	136	101	3	3	2	3	5	13	29	–	–	5	–	–	–
Winfrith	26	13.8	6.2	10.0	+0.1	28.2	-8.8	–	–	843	–	57	28 Sep	146	117	4	3	3	1	5	11	59	112	81	0	–	–	–
Devon																												
Burrington	199	–	–	–	–	–	–	–	–	1033	–	35	29 Apr	195	144	–	–	–	–	–	–	–	–	–	–	–	–	
Chivenor	6	13.9	6.9	10.4	-0.3	27.5	-9.0	–	–	856	–	45	29 Apr	175	123	–	–	–	–	–	–	35	–	–	–	–	–	–
Dunkeswell	251	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exeter Airport (A)	32	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exmouth	78	13.4	7.3	10.3	–	25.7	-8.4	–	–	651	–	36	28 Sep	155	113	6	3	11	0	5	8	26	–	–	13	4.12	–	–
Gawlish	122	–	–	–	–	–	–	–	–	983	–	41	29 Apr	188	136	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemyock	165	12.7	5.9	9.3	–	25.9	-9.5	–	–	980	–	47	28 Sep	177	118	–	15	–	–	–	48	50	–	–	–	3.86	–	S
Ilfracombe	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lundy	43	–	–	–	–	22.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Melbury	143	12.7	5.9	9.3	–	26.3	-11.5	–	–	1218	97	39	1 Jan	193	151	–	15	–	–	–	–	50	–	–	–	3.98	–	S
North Wyke	177	13.0	6.1	9.5	–	26.2	-9.5	–	–	918	–	35	27 Sep	188	135	14	16	12	0	8	6	41	(116)	–	11	3.86	–	–
Plymouth Mount Batten (A)	27	–	–	–	–	–	-7.0	–	–	852	86	25	23 Jun	173	127	9	–	1	14	6	–	–	–	–	11	4.43	96	–
Princetown	423	10.6	5.0	7.8	-0.1	22.9	-11.6	–	–	1953	97	62	1 Jan	220	176	8	0	4	0	2	113	46	93	–	3	–	–	–
Rumleigh	23	14.4	6.2	10.3	–	28.1	-10.0	11.4	11.5	1163	–	40	1 Jan	191	147	8	7	5	4	10	0	51	106	–	4	–	–	–
Saunton Sands	15	–	–	–	–	–	–	–	–	697	–	31	17 Jul	171	112	–	–	–	–	–	–	–	–	–	–	–	–	–
Sidmouth	10	13.7	7.2	10.5	+0.1	27.5	-8.0	–	–	685	86	43	28 Sep	151	110	10	5	4	4	1	3	26	–	–	8	–	–	–
Slapton	32	(14.0)	(7.5)	(10.7)	(+0.1)	24.0	-6.8	–	–	921	88	30	1 Jan,18 Mar	152	125	3	0	0	0	0	–	13	–	–	0	(1.52)	–	–
Teignmouth	3	13.7	7.7	10.7	-0.2	25.8	-7.5	–	–	701	84	43	23 Jun	152	109	4	0	1	1	5	3	18	–	–	4	–	–	S
Torbay (Torquay)	8	14.3	–	–	–	26.8	-7.0	–	12.5	796	88	39	28 Sep	154	115	–	1	–	–	–	–	–	52	–	–	(1.54)	(87)	–
Twist	186	12.8	5.8	9.3	–	25.7	-10.3	–	–	906	–	58	28 Sep	162	121	8	5	0	0	4	35	45	–	–	25	4.22	–	–
Yarner Wood	198	–	(6.2)	–	–	–	-9.7	(10.5)	–	1242	–	63	27 Sep	189	141	4	6	4	1	3	–	34	–	–	19	(1.89)	–	S

Table 3 Summary of daily observations

* Statistics in parentheses include some estimates used in calculating 1951-80 averages

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation														
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
8B ENGLAND SW (Continued)																												
Cornwall																												
Bastreet	236	–	–	–	–	25.7	–	–	–	1467	89	41	1 Jan	206	170	–	–	–	–	–	–	–	–	–	–	–	–	–
Bude	15	13.6	7.2	10.4	+0.0	27.9	-8.7	11.5	–	783	89	36	29 Apr	192	135	5	1	20	0	6	6	29	–	–	15	4.31	99	–
Camborne (A)	87	12.7	8.0	10.3	–	24.1	-6.8	11.3	11.5	1036	–	28	1 Jan	199	144	7	3	30	3	10	12	7	55	26	15	4.12	–	–
Culdrose (A)	80	13.0	–	–	–	22.7	–	–	–	931	93	32	12 Mar	196	140	–	–	–	–	–	–	–	–	–	–	–	–	–
Falmouth	51	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gwennap Head	66	12.5	8.4	10.5	–	22.5	-5.7	–	–	653	–	35	22 Jun	170	123	–	–	–	–	–	–	6	–	–	–	–	–	–
Lizard	73	–	–	–	–	23.0	–	–	–	740	84	18	1 Jan,16 Feb, 27 Sep	173	135	–	–	–	–	–	–	–	–	–	–	–	–	–
Lizard Lighthouse	60	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Newquay	30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Penzance	19	14.1	8.2	11.1	+0.0	24.3	-6.2	–	–	1048	93	43	22 Jun	200	153	7	6	14	0	7	6	13	–	–	30	4.22	89	–
Scilly (St Mary's)	51	13.4	(9.1)	(11.3)	(–0.2)	22.1	-4.3	–	–	829	–	107	5 Jul	167	128	2	2	1	7	4	28	4	20	–	26	(1.67)	(87)	–
St Ives	10	13.1	9.1	11.1	–	22.5	-5.5	–	–	980	–	30	23 Jun	186	147	5	0	2	1	7	12	4	–	–	18	(1.86)	–	–
St Mawgan (A)	103	13.0	7.6	10.3	+0.0	26.2	-7.2	–	–	958	97	26	29 Apr	196	155	9	5	4	27	5	15	22	53	35	6	4.33	93	–
Tregastic	110	13.5	6.9	10.2	–	26.0	-7.9	–	–	1111	–	39	23 Jun	189	152	9	10	2	4	12	11	28	93	–	25	–	–	–
CHANNEL ISLANDS																												
Guernsey																												
Airport (A)	101	12.8	8.4	10.6	–0.1	26.3	-7.2	11.5	11.7	637	74	20	29 Oct	161	114	9	5	5	20	12	23	8	57	23	5	4.52	90	–
L'Ancresse	5	–	–	–	–	26.7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Jersey																												
Airport (A)	84	13.3	8.3	10.8	–0.1	28.6	-8.7	11.5	12.1	697	84	34	29 Oct	156	114	7	–	21	3	12	13	23	57	36	7	4.58	90	–
Gorey Castle	79	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4.62	–	–
St Helier	54	14.0	8.4	11.2	–0.3	29.9	-8.2	–	–	698	81	25	29 Oct, 3 Nov	164	116	7	6	9	12	17	8	18	61	–	0	4.72	89	–
Trinity States Farm	107	–	–	–	–	27.8	-8.5	(12.0)	–	745	–	28	29 Oct	159	117	5	3	5	1	5	–	–	64	–	2	–	–	–
NORTHERN IRELAND																												
Londonderry																												
Banagher (Caugh Hill)	216	11.2	5.3	8.3	+0.3	24.0	-5.0	–	–	1240	–	40	20 Dec	250	182	12	19	0	0	0	11	35	96	–	26	3.05	–	–
Carmoney	73	12.0	6.2	9.1	–	24.2	-6.2	–	–	931	–	27	30 Jun	211	159	2	6	0	0	0	8	24	67	54	0	3.21	–	–
Castledawson Hillhead	30	13.3	5.0	9.1	–	24.8	-5.6	–	–	871	–	26	18 Mar,20 Dec	187	152	4	2	1	0	1	–	61	64	–	0	–	–	–
Coleraine University (A)	23	12.3	5.8	9.1	+0.4	24.4	-6.0	9.9	9.8	941	–	33	22 Dec	216	153	36	6	0	10	3	6	51	117	–	0	3.50	108	–
Lough Fea W.Wks	225	–	–	–	–	24.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Moydamlaght	178	–	–	–	–	24.9	–	–	–	1362	–	38	5 Jan,30 Oct	228	183	19	–	0	1	0	–	–	–	–	0	–	–	–
Moyola Waterworks	17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Antrim																												
Altnahinch	213	10.9	4.7	7.8	+0.3	22.9	-4.5	–	–	1289	–	29	20 Dec	245	183	20	15	1	0	1	16	56	–	–	0	3.21	102	–
Belfast																												
Aldergrove Airport (A)	68	12.5	5.9	9.2	+0.4	25.0	-5.8	9.9	9.9	800	96	34	30 Oct	205	153	23	5	1	11	7	9	36	97	64	1	3.50	99	–
Newforge	40	13.0	6.5	9.7	–	26.4	-4.6	–	–	831	–	33	30 Oct	214	135	5	4	0	0	0	–	28	–	–	0	–	–	–
Oldparkfilters	58	12.6	6.0	9.3	–	25.5	-6.5	–	–	947	89	29	18 Mar,20 Dec	212	155	12	0	0	0	0	9	30	–	–	1	–	–	–
Carnlough	12	12.8	5.7	9.3	–	22.9	-5.3	–	–	1014	–	32	30 Oct,20 Dec	215	155	10	1	1	0	2	10	34	–	–	5	–	–	–
Dungonnell Filters	271	10.8	4.1	7.5	–	22.1	-5.6	–	–	1310	–	43	20 Dec	233	181	8	16	0	0	0	44	71	108	–	0	–	–	–
Garron Tower	62	12.1	6.5	9.3	–	23.0	-1.8	–	–	980	–	34	5 Jan	197	147	–	–	–	–	–	7	10	–	–	–	–	–	–
Greenmount	38	12.6	5.9	9.3	+0.4	25.2	-5.6	10.9	–	727	–	40	30 Oct	200	144	7	2	0	1	4	–	41	129	–	0	–	–	
Jordanstown Rostulla	10	13.2	6.3	9.7	–	24.3	-4.2	–	–	840	–	32	20 Dec	202	148	2	0	0	0	0	9	27	99	–	1	–	–	–

District / Region/County and Place	Height of station above MSL (metres)	Air temperature (degrees C)						Mean soil temp.		Rainfall (09 to 09 GMT)				Weather (number of days)												Bright sunshine		
		Means of				Highest Max. Lowest Min.						Most in a day		Precip-itation														
		Maximum (A)	Minimum (B)	Daily mean (mean of A + B)	Difference from 1951-80 average*	Maximum	Minimum	30 cm (deg C)	100 cm (deg C)	Total fall (mm)	Percentage of 1951-80 average*	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9h	Hail	Ice pellets,etc	Thunder heard	Fog at 9h	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Daily mean (hours)	Percentage of 1951-80 average*	Exposure
NORTHERN IRELAND (Continued)																												
Antrim (Continued)																												
Larne Harbour	43	—	—	—	—	—	-1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lowtown	213	11.4	4.5	7.9	+0.6	23.8	-4.4	—	—	1200	—	48	30 Oct	222	174	9	13	0	0	0	—	60	—	—	1	—	—	—
Movanagher Fish Farm	10	12.8	5.4	9.1	—	27.0	-6.5	—	—	931	—	33	30 Oct	219	153	7	0	1	0	0	—	44	69	—	0	—	—	—
Parkmore Forest	235	11.1	4.0	7.5	+0.2	22.0	-3.5	—	—	1546	97	44	21 Dec	239	192	10	21	0	0	0	—	91	168	—	0	—	—	—
Woodburn North	217	11.3	4.5	7.9	+0.3	22.0	-3.3	—	—	1032	87	40	20 Dec	180	163	13	0	0	0	0	—	64	110	—	0	—	—	—
Down																												
Ballykine Rockvale	125	12.1	5.5	8.8	—	25.2	-3.9	—	—	1021	—	48	30 Oct	210	146	11	0	0	0	0	17	25	86	—	0	—	—	—
Ballywatticock	6	12.5	6.3	9.4	—	24.6	-4.4	9.8	10.1	706	92	31	30 Oct	193	132	13	1	0	5	4	3	26	86	68	5	3.67	—	—
Belfast																												
Ravenhill Road	10	13.1	6.5	9.8	—	27.4	-4.5	—	—	833	—	31	30 Oct	207	133	17	3	0	3	3	—	37	—	—	8	—	—	—
Stormont Castle	56	12.7	6.2	9.5	+0.4	24.9	-3.3	9.9	10.2	845	93	31	31 Oct	191	132	7	2	0	1	0	29	27	—	—	0	—	—	—
Bryansford	85	12.8	6.5	9.7	—	24.2	-2.6	10.3	10.6	1259	—	45	30 Oct	211	142	6	8	1	2	1	9	21	—	63	3	—	—	—
Downpatrick, Killavees	58	12.9	5.9	9.4	—	26.0	-3.9	—	—	682	—	25	30 Oct	175	119	10	6	0	3	2	—	39	—	—	2	—	—	—
Helens Bay	43	13.0	6.5	9.7	+0.3	26.0	-2.7	10.2	9.7	811	96	30	29 Oct	209	133	16	3	1	4	3	—	19	83	—	8	—	—	—
Hillsborough	116	12.0	—	—	—	24.7	—	9.6	9.6	737	83	26	30 Oct,20 Dec	202	137	12	8	0	0	0	8	—	99	—	0	3.65	102	—
Killough	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Long Kesh (A)	36	12.9	5.5	9.2	—	25.6	-6.6	9.9	10.1	701	—	26	30 Oct	196	132	20	9	1	7	3	10	56	117	78	0	3.55	—	—
Lough Cowey	10	12.9	5.8	9.3	—	23.4	-6.8	—	—	700	85	31	12 Nov	180	115	4	0	0	0	0	—	16	65	—	11	—	—	—
Magherally	97	12.4	4.8	8.6	—	25.2	-8.6	9.9	9.9	743	—	29	30 Oct	201	129	27	6	10	5	2	10	67	148	101	1	—	—	—
Murlough	12	13.0	6.3	9.7	+0.7	24.1	-4.5	—	—	876	—	30	17 Nov	193	132	7	3	1	2	2	—	29	107	—	15	3.49	89	S
Newry, Carnbane	8	—	5.4	—	—	—	-7.5	—	—	723	—	33	30 Oct	187	129	1	8	0	0	0	13	57	—	—	1	3.46	—	—
Saintfield Rowallane	95	12.4	4.6	8.5	—	25.0	-5.0	—	—	893	—	38	29 Oct	207	134	10	0	0	1	0	—	68	123	—	0	—	—	
Silent Valley	129	11.7	6.1	8.9	—	23.6	-3.0	—	—	1174	86	53	29 Apr	197	143	16	8	0	1	1	13	31	112	—	0	—	—	—
Trassey Slievenaman	215	12.3	4.9	8.6	—	24.0	-7.0	—	—	1410	—	47	30 Oct	216	163	26	16	0	12	0	16	54	103	—	12	—	—	—
Armagh																												
Annaghmore	27	13.1	5.1	9.1	—	26.2	-8.0	10.5	10.6	741	—	24	30 Oct	186	140	15	3	0	1	2	—	62	—	87	3	—	—	—
Armagh	62	12.9	5.9	9.4	+0.2	25.7	-6.0	10.1	10.4	679	82	29	30 Oct	191	129	11	4	0	0	1	9	40	110	—	12	3.35	99	S
Castor Bay	17	12.8	—	—	—	26.6	-6.5	—	—	675	—	35	30 Oct	199	132	0	1	0	0	0	—	—	80	—	1	—	—	—
Loughgall	25	12.8	5.2	9.0	+0.1	25.3	-7.4	—	—	712	92	29	30 Oct	195	134	16	6	0	2	2	11	60	132	—	1	—	—	
Tandragee, Ballylisk	43	—	5.3	—	—	27.2	-7.0	—	—	670	—	28	30 Oct	174	125	3	5	0	0	0	—	53	—	—	1	—	—	—
Tyrone																												
Baron's Court	132	11.7	5.8	8.7	—	24.6	-4.7	—	—	1230	—	33	20 Dec	233	183	33	9	—	—	8	—	28	90	—	3	—	—	—
Carrigans (A)	113	12.4	5.3	8.9	+0.3	25.4	-5.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	55	116	—	—	—	—	—
Cookstown	77	—	4.8	—	—	—	-6.8	—	—	808	84	28	20 Dec	159	137	9	11	0	0	0	—	62	—	—	2	—	—	—
Edenfel	88	12.4	—	—	—	25.2	-7.2	—	—	1055	103	33	18 Dec	240	172	19	9	11	1	4	20	—	123	—	2	—	—	—
Fivemiletown	119	—	—	—	—	—	-7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lough Bradan W.Wks	180	11.4	4.8	8.1	+0.2	23.3	-5.1	—	—	1484	105	58	18 Dec	211	190	0	—	0	0	0	7	59	—	—	0	—	—	—
Strabane Glen Road	60	12.5	5.9	9.2	—	25.2	-5.0	—	—	957	—	31	20 Dec	214	166	17	1	1	11	7	—	28	—	—	0	—	—	—
Fermanagh																												
Castle Archdale Forest (A)	66	—	5.4	—	—	—	-7.0	10.3	—	1159	—	35	18 Dec	227	178	—	1	—	—	—	—	49	128	—	—	—	—	—
Corgary	145	12.2	6.0	9.1	—	24.8	-3.2	—	—	1285	—	29	18 Mar,20 Dec	230	208	—	6	—	—	—	—	27	79	60	—	—	—	S
Knockarevan	53	12.8	5.7	9.3	—	26.1	-4.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42	74	—	—	—	—	—
Lisnaskea	49	12.9	5.5	9.2	+0.3	25.6	-7.5	—	—	864	—	23	20 Dec	204	152	9	11	0	0	0	—	49	114	—	1	—	—	—
Lough Navar Forest	126	—	4.1	—	—	—	-8.0	—	—	1471	103	53	20 Dec	259	193	17	14	5	0	6	19	92	144	—	2	—	—	—

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation (GMT)	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured
										Number of observations					
0 Scotland N															
Shetland															
Fair Isle	61	09	1012.3	–	8.2	0.9	9.8	87	6.1	4	41	44	170	93	13
		15	1012.2	–	8.7	1.0	9.9	86	6.3	6	31	43	176	104	5
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Lerwick	83	03	1011.3	–	6.7	0.7	9.1	89	6.2	6	45	39	137	128	10
		09	1011.6	+1.3	7.5	1.0	9.2	86	6.2	2	43	49	146	114	11
		15	1011.5	–	8.3	1.2	9.4	83	6.4	1	26	53	165	118	2
		21	1011.7	–	7.0	0.7	9.2	89	6.2	0	46	44	133	132	10
Muckle Flugga	54	03	–	–	–	–	–	–	–	–	–	–	–	–	–
		09	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1011.3	–	7.8	1.1	9.2	84	6.4	0	20	81	90	168	6
Sumburgh	13	03	1011.4	–	7.8	1.1	9.2	84	6.0	6	40	60	134	119	6
		09	1011.7	–	8.6	1.4	9.4	81	6.1	1	42	48	184	90	9
		15	1011.6	–	9.2	1.6	9.4	79	6.1	0	37	53	197	78	0
		21	1011.8	–	8.1	1.2	9.3	83	6.1	1	43	54	147	118	2
Orkney															
Kirkwall	26	03	1012.0	–	7.0	0.7	9.3	90	5.6	5	67	58	127	101	7
		09	1012.3	+1.6	8.4	1.1	9.6	85	6.1	2	35	54	190	80	4
		15	1012.2	–	9.4	1.5	9.7	80	6.1	4	32	58	189	79	3
		21	1012.4	–	7.5	0.8	9.5	88	5.8	3	57	60	141	102	2
Western Isles															
Benbecula	7	03	1012.2	–	8.0	0.9	9.7	88	5.9	8	52	45	141	118	1
		09	1012.3	+1.5	9.1	1.2	10.0	84	6.3	3	31	45	176	108	2
		15	1012.3	–	10.3	1.8	10.1	78	6.1	2	46	49	161	107	0
		21	1012.6	–	8.7	1.1	9.9	85	5.8	2	60	52	143	108	0
Stornoway	5	03	1011.8	–	7.6	0.9	9.4	87	5.8	7	53	59	118	127	1
		09	1011.9	+1.2	8.7	1.3	9.6	83	6.1	5	36	53	183	88	0
		15	1011.8	–	9.7	1.7	9.6	77	6.1	4	33	62	173	93	0
		21	1012.2	–	8.2	1.1	9.5	85	5.7	2	61	64	137	100	1
Highland															
Aviemore	228	03	1013.6	–	5.4	0.9	8.1	86	5.6	13	42	82	156	71	1
		09	1013.5	–	7.2	1.5	8.5	79	6.0	5	27	70	205	56	2
		15	1012.8	–	9.9	2.6	8.7	69	5.9	3	29	87	190	56	0
		21	1013.7	–	6.9	1.3	8.5	81	5.5	12	46	78	170	58	1
Cape Wrath	113	03	1011.3	–	7.9	–	–	–	6.1	2	30	88	76	147	22
		09	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Dalcross	12	09	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Invergordon	12	03	–	–	–	–	–	–	–	–	–	–	–	–	–
Harbour		09	1013.2	–	8.4	1.6	9.1	79	6.4	5	17	53	171	118	1
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Waterstein	81	09	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Wick	37	03	1012.6	–	6.7	0.9	8.9	87	5.8	5	52	57	158	87	6
		09	1012.8	+1.9	8.1	1.3	9.2	82	6.2	2	33	49	193	83	5
		15	1012.6	–	9.4	1.8	9.3	76	6.2	3	29	58	202	67	6
		21	1012.9	–	7.5	1.1	9.1	85	5.8	5	45	64	163	81	7
1 Scotland E															
Grampian															
Dyce	69	03	1013.3	–	6.5	0.8	8.8	88	5.7	17	50	49	149	96	4
		09	1013.6	+1.6	8.3	1.4	9.4	82	5.9	0	55	45	191	71	3
		15	1013.1	–	10.2	2.0	9.8	76	5.8	3	52	51	196	61	2
		21	1013.6	–	7.6	1.0	9.3	85	5.7	10	54	49	162	89	1
Glenlivet	212	09	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Kinloss	6	03	1013.0	–	7.1	1.2	8.7	83	5.6	15	56	51	163	78	2
		09	1013.2	+1.7	8.7	1.8	9.0	77	5.9	3	47	48	199	65	3
		15	1012.8	–	10.9	2.7	9.2	68	5.8	2	49	50	216	48	0
		21	1013.3	–	8.2	1.6	9.0	79	5.5	8	61	59	173	61	3
Peterhead	15	03	–	–	–	–	–	–	–	–	–	–	–	–	–
Harbour		09	1013.7	–	8.7	1.5	9.3	80	6.1	2	17	106	128	100	12
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
6 Scotland W															
Fife															
Leuchars	12	03	1014.0	–	6.7	0.8	9.0	88	5.4	14	75	50	119	105	2
		09	1014.3	+2.1	8.7	1.6	9.3	79	5.9	1	45	65	167	83	4
		15	1013.8	–	10.7	2.4	9.5	72	5.9	6	41	62	179	76	1
		21	1014.3	–	7.9	1.2	9.3	84	5.3	15	68	57	133	90	2

District / Region / County and Place	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
	Number of observations																											
0 Scotland N																												
Shetland																												
Fair Isle	7	56	175	125	2	45	11	24	51	71	61	57	43															
	9	57	178	120	1	32	10	22	56	65	63	59	57															
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lerwick	4	56	153	130	22	41	14	11	31	75	54	75	42															
	5	82	169	124	5	44	16	15	40	81	64	52	48															
	7	57	192	105	4	35	18	13	39	87	65	62	42															
	10	57	143	137	18	38	12	10	41	82	58	61	45															
Muckle Flugga	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	45	82	111	120	7	47	9	28	23	124	55	43	29															
Sumburgh	7	67	151	123	17	58	12	22	40	66	52	56	42															
	8	58	179	117	3	48	13	23	36	79	56	60	47															
	12	59	183	109	2	35	13	22	38	74	58	70	53															
	11	60	165	119	10	52	13	18	49	75	40	63	45															
Orkney																												
Kirkwall	1	36	171	150	7	19	12	22	41	86	55	91	32															
	2	49	180	134	0	41	14	22	29	103	64	53	39															
	2	49	180	134	0	41	14	22	29	103	64	53	39															
	3	50	151	159	2	29	13	29	49	85	50	79	29															
Western Isles																												
Benbecula	3	41	129	184	8	46	23	29	29	85	69	50	26															
	4	46	165	148	2	44	24	30	21	97	59	59	29															
	4	63	171	127	0	38	14	26	22	83	60	73	49															
	3	46	150	158	8	44	34	27	18	89	50	67	28															
Stornoway	1	20	112	219	13	28	17	22	25	88	81	52	39															
	2	26	149	184	4	36	32	24	28	104	63	44	30															
	1	35	171	155	3	25	45	18	25	100	55	55	39															
	3	25	120	207	10	36	23	20	17	91	74	60	34															
Highland																												
Aviemore	0	3	70	253	39	61	4	4	14	150	47	23	23															
	0	9	98	231	27	43	30	15	19	150	39	23	19															
	0	9	107	243	6	70	17	9	15	156	56	12	24															
	0	7	80	249	29	63	9	10	11	127	58	25	33															
Cape Wrath	35	69	145	107	9	25	14	40	24	48	118	67	20															
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dalcross	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Invergordon	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Harbour	1	10	69	206	79	19	15	28	13	21	73	97	20															
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Waterstein	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Wick	1	13	128	220	3	18	8	20	48	88	62	85	33															
	1	19	160	185	0	31	16	25	44	94	51	66	38															
	0	27	183	155	0	34	15	39	61	73	38	62	43															
	1	15	133	214	2	26	16	19	54	85	51	73	39															
1 Scotland E																												
Grampian																												
Dyce	0	6	84	237	38	49	11	13	39	60	41	55	59															
	0	10	128	209	18	61	14	20	30	79	50	42	51															
	1	19	136	207	2	40	13	37	43	107	30	40	53															
	1	4	87	255	18	41	15	17	49	81	43	51	50															
Glenlivet	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Kinloss	0	8	84	251	22	14	11	38	20	59	125	52	24															
	0	8	107	240	10	37	9	38	18	37	112	73	31															
	0	20	136	206	3	54	30	32	25	41	72	71	37															
	0	8	101	245	11	17	19	47	36	60	96	55	24															
Peterhead	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Harbour	0	17	150	177	21	57	9	19	16	82	61	74	26															
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6 Scotland W																												
Fife																												
Leuchars	7	80	258	20	35	24	17	23	13	97	115	21																
	13	131	215	6	22	25	48	23	17	95	106	23																
	31	162	167	4	20	22	69	39	25	72	99	15																
	8	100	241	15	21	35	45	27	18	81	101	22																

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation (GMT)	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
6 Scotland W																																											
Lothian																																										
Turnhouse	44	03	1014.3	–	6.7	0.8	9.2	89	5.3	14	61	54	194	39	3	0	1	2	12	9	24	39	97	145	36	0	2	84	222	57	11	26	44	8	14	83	117	5
		09	1014.6	+1.9	8.5	1.4	9.5	82	5.9	1	34	62	231	29	8	1	2	4	10	7	13	63	81	114	70	0	9	116	207	33	17	38	47	12	18	92	98	10
		15	1013.9	–	10.8	2.2	9.9	74	6.0	4	33	47	249	27	5	1	1	1	3	4	9	46	92	109	99	0	14	156	185	10	23	54	43	14	25	74	102	20
		21	1014.5	–	8.2	1.1	9.6	85	5.3	10	63	58	194	36	4	0	0	4	4	10	21	53	78	132	63	0	6	101	223	35	22	30	49	13	29	90	89	8
Strathclyde																																										
Abbotsinch	9	03	1014.3	–	6.9	0.8	9.2	89	5.9	5	46	55	170	85	4	2	0	4	4	5	12	79	103	134	22	0	10	65	245	45	10	36	58	9	27	90	76	14
		09	1014.6	+1.9	8.5	1.4	9.5	82	6.2	1	26	54	203	79	2	1	1	3	5	7	24	74	97	101	52	0	13	103	226	23	13	32	70	16	42	83	62	24
		15	1013.9	–	11.4	2.6	9.7	71	6.0	5	27	73	188	70	2	0	0	0	1	3	14	60	84	113	90	0	14	155	183	13	15	36	48	15	33	91	89	25
		21	1014.5	–	8.4	1.3	9.5	83	5.6	4	52	79	150	80	0	0	0	0	3	3	4	73	95	132	55	1	9	78	254	23	10	29	65	17	31	87	83	20
Orsay	24	03	1013.5	–	8.9	0.6	10.7	91	5.9	2	59	64	66	162	12	0	0	6	8	1	6	12	65	114	153	13	62	165	108	17	35	17	36	44	88	52	46	30
		09	1013.7	–	9.3	0.8	10.8	90	6.4	2	21	72	102	155	13	2	1	6	5	4	3	20	82	127	115	12	82	150	112	9	37	15	28	46	96	54	41	39
		15	1013.5	–	10.3	1.1	11.1	87	6.2	1	26	81	120	130	7	1	1	3	5	0	3	19	90	129	114	20	72	148	114	11	37	7	18	65	78	50	58	41
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Prestwick	21	03	1014.6	–	7.4	0.9	9.4	87	5.6	14	59	50	144	98	0	0	0	0	0	1	7	55	88	175	39	0	12	83	264	6	11	41	73	56	58	59	36	25
		09	1014.9	+2.1	9.1	1.5	9.7	81	6.0	5	41	44	216	59	0	0	0	0	0	3	3	57	83	167	52	0	7	128	229	1	18	37	55	41	70	64	55	24
		15	1014.3	–	11.4	2.4	10.0	72	5.9	4	38	60	201	62	0	0	0	0	0	0	0	33	78	153	98	0	20	157	186	2	7	34	28	29	57	85	93	30
		21	1014.8	–	8.6	1.2	9.8	84	5.5	12	59	58	151	85	0	0	0	1	0	0	7	50	95	155	57	0	13	95	255	2	10	35	66	48	64	47	47	46
Tiree	10	03	1012.9	–	8.4	0.9	9.9	87	5.6	12	67	43	134	106	3	0	1	2	6	1	5	50	92	151	57	2	45	171	141	6	46	24	18	48	74	66	52	31
		09	1013.1	+1.6	9.5	1.3	10.2	83	6.0	4	50	54	146	110	1	0	0	0	4	4	7	50	124	100	76	6	59	178	121	1	53	16	24	48	86	51	52	34
		15	1013.0	–	10.5	1.7	10.3	78	5.8	4	51	60	154	96	0	0	0	0	0	0	10	52	104	103	96	7	58	193	104	3	55	17	9	45	82	48	58	48
		21	1013.3	–	8.8	1.1	10.0	85	5.4	10	69	59	119	106	2	0	0	2	1	2	7	47	101	138	67	2	42	167	150	4	60	21	16	44	81	41	62	36
Dumfries & Galloway																																										
Corsewall Point	15	03	–	–	8.6	0.9	10.2	88	5.1	8	109	49	55	144	0	0	0	0	0	0	0	4	39	164	158	2	33	177	136	17	26	28	24	76	77	42	41	34
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drungans	16	03	–	–	7.4	0.9	9.5	87	5.8	38	27	60	59	176	5	0	0	1	6	2	3	21	152	178	2	0	0	28	272	65	34	30	26	17	35	87	36	35
		09	–	–	8.7	1.4	9.6	82	6.1	9	27	79	94	155	1	0	2	0	3	10	3	19	126	188	14	0	0	28	276	61	32	18	42	21	30	78	46	37
		15	–	–	11.8	2.6	10.1	71	6.1	8	20	84	123	129	1	0	0	1	0	3	1	19	110	213	18	0	0	60	281	24	26	23	42	34	48	87	55	26
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Eskdalemuir	237	03	1015.1	–	5.2	0.4	8.7	93	6.1	29	35	36	70	184	11	5	8	6	14	30	45	80	72	64	41	0	2	67	265	31	87	31	7	11	74	60	29	35
		09	1015.4	+2.1	6.9	0.9	9.2	87	6.3	10	35	37	125	153	5	0	3	6	7	9	47	76	81	83	53	0	2	104	244	15	56	45	16	23	71	75	30	34
		15	1014.8	–	9.4	1.8	9.6	79	6.3	7	35	50	142	129	2	0	2	0	2	7	13	70	79	97	95	0	8	132	219	6	31	42	26	18	78	87	48	29
		21	1015.4	–	6.5	0.7	9.2	90	5.8	25	46	49	91	145	9	1	3	6	8	9	31	83	72	71	81	0	5	72	268	20	74	35	5	20	81	54	34	42
2 England E & NE																																										
Northumberland																																									
Boulmer	27	03	1014.7	–	7.2	0.9	9.2	87	5.3	18	70	53	125	93	6	2	2	5	4	13	34	37	55	118	95	0	9	74	275	7	33	13	12	22	65	72	91	50
		09	1015.2	+2.1	8.9	1.5	9.6	81	5.9	6	43	64	162	83	7	3	4	3	3	14	25	50	68	100	95	0	8	120	236	1	53	21	16	43	67	70	64	30
		15	1014.7	–	10.3	1.9	10.0	77	5.9	5	42	62	175	77	4	1	3	1	2	9	25	44	73	121	86	0	13	143	205	4	48	33	30	62	51	60	52	25
		21	1015.0	–	8.1	1.0	9.7	86	5.5	15	48	71	143	85	3	0	1	6	4	7	33	50	73	124	67	1	8	78	271	7	46	7	12	28	87	69	76	33
Tyne & Wear																																										
Newcastle Weather Centre	47	03	1015.1	–	7.8	1.2	9.1	83	5.3	20	66	59	135	78	7	0	3	5	5	5	16	73	39	161	58	0	2	38	293	32	37	9	14	18	45	79	107	24
		09	1015.6	–	9.0	1.8	9.2	77	5.9	5	52	55	157	92	4	0	1	3	7	6	18	68	75	97	90	0	4	55	289	17	47	19	15	18	59	69	90	31
		15	–	–	–	–	9.2	–	5.9	9	40	67	158	89	2	0	1	1	2	5	11	36	68	116	125	0	2	83	273	7	48	22	45	26	48	47	87	35
		21	1015.4	–	9.1	1.7	9.4	78	5.7	11	55	54	154	90	1	0	0	2	7	7	11	61	65	133	79	0	2	38	300	25	40	15	27	25	46	73	90	24
Tynemouth	40	03	1014.9	–	8.1	–	–	–	5.1	33	64	61	102	95	10	1	5	3	3	2	18	45	80	204	4	5	24	127	185	24	39	7	11	13	108	39	91	33
		09	1015.4	+2.0	8.9	1.4	9.7	81	5.8	10	41	77	116	111	10	2	6	3	6	7	30	76	110	124	1	9	32	125	185	14	68	12	12	21	96	37	83	22
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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North Yorkshire																																										
Fylingdales	262	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Leeming	37	03	1015.6	–	7.1	0.9	9.3	88	5.4	33	49	57	107	109	10	0	3	11	13	20	47	63	48	120	40	1	9	71	247	37	52	12	6	62	69	37	54	36
		09	1016.1	+2.1	8.9	1.5	9.7	82	6.0	9	51	35	154	102	14	1	6	7	4	30	22	76	74	84	61	0	10	111	229	15	82	13	10	49	83	31	56	26
		15	1015.4	–	11.7	2.7	9.8	70	6.0	11	40	41	170	97	6	1	3	1	8	12	17	51	71	117	84	0	15	154	195	1	58	31	17	55	55	46	82	20
		21	1015.9	–	8.7	1.3	9.8	83	5.7	19	47	54	136	104	5	2	2	2	6	18	41	60	62	121	51	1	8	75	263	18	55	14	10	46	66	52	69	35
Humberside																																										
Bridlington M.R.S.C.	19	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Easington	20	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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3 East Anglia																																										
Lincolnshire																																									
Coningsby	8	03	1016.1	–	7.1	0.8	9.4	89	5.1	45	60	54	85	117	4	0	4	3	9	15	45	94	70	112	13	0	3	74	270	18	47	23	39	24	70	49	55	40
		09	1016.8	–	9.5	1.8	9.8	79	5.7	11	58	61	127	101	7	1	4	5	12	10	34	80	73	133	13	0	7	130	223	5	43	22	35	20	69	67	65	39
		15	1016.1	–	12.3	3.1	9.7	67	5.7	13	44	65	145	95	3	0	4	1	2	2	21	64	63	162	46	0	14	166	183	2	50	26	41	27	66	55	63	35
		21	1016.6	–	8.8	1.3	9.9	83	5.3	29	60	55	118	99	4	1	1	1	7	12	33	80	72	128	30	1	6	90	254	14	47	29	51	29	63	47	51	34

Table 4 Summary of observations at fixed hours

District Region/ County and Place	Height of barometer above MSL (metres)	Hour of observation (GMT)	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
3 East Anglia - Continued																																											
Lincolnshire - Continued																																										
Waddington	70	03	1016.5	–	7.3	0.8	9.5	89	5.3	40	48	54	100	114	9	0	6	5	11	15	38	79	78	116	17	1	5	85	253	21	40	24	23	24	41	115	45	32
		09	1017.1	+2.4	9.2	1.6	9.8	81	5.8	12	48	57	142	100	6	1	8	9	3	10	40	77	71	110	36	1	5	150	200	9	47	20	29	27	42	100	59	32
		15	1016.3	–	12.0	3.1	9.5	68	5.8	15	30	82	143	92	3	0	3	2	3	4	14	58	67	137	77	0	18	167	174	6	41	29	37	26	54	73	70	29
		21	1016.9	–	8.9	1.4	9.8	82	5.3	38	55	51	119	100	2	0	2	1	6	9	24	82	76	118	47	1	9	99	236	20	35	32	32	46	46	83	45	26
Norfolk																																										
Coltishall	19	03	1016.7	–	7.5	0.7	9.8	89	5.1	37	68	53	97	104	6	1	3	10	8	19	44	93	73	103	11	0	7	64	255	39	38	24	31	23	37	73	67	33
		09	1017.3	–	10.0	1.7	10.3	80	5.5	11	73	37	155	81	8	1	6	4	0	8	29	79	83	112	43	0	6	124	226	9	37	27	37	18	47	70	81	39
		15	1016.7	–	12.0	2.7	10.2	71	5.6	8	59	62	153	79	4	1	3	1	0	3	13	60	87	128	69	0	13	158	186	8	59	39	37	25	45	61	62	29
		21	1017.1	–	8.8	1.1	10.1	85	5.1	25	76	52	119	88	5	1	1	2	2	12	41	82	75	126	23	0	12	69	257	27	47	25	41	35	53	65	46	26
Hemsby	14	03	1016.4	–	7.9	0.7	10.1	90	5.1	44	58	50	104	104	5	2	5	6	8	13	50	90	96	90	5	0	10	98	229	28	38	15	28	29	64	76	67	20
		09	1017.1	–	10.0	1.5	10.5	82	5.6	13	64	42	152	87	7	2	7	0	9	9	47	77	77	102	35	0	11	152	196	6	42	25	36	28	52	75	78	23
		15	1016.6	–	11.7	2.2	10.7	75	5.7	12	48	60	153	86	6	2	2	1	4	3	20	76	82	110	65	0	16	173	172	4	67	34	42	34	44	69	47	24
		21	1016.9	–	9.0	1.1	10.4	86	5.2	33	63	49	118	99	3	2	2	1	5	9	45	78	95	116	12	0	14	105	236	10	44	20	33	40	84	63	43	28
Marham	24	03	1016.7	–	7.1	0.6	9.7	91	5.0	50	57	45	98	109	6	1	4	4	12	15	45	100	59	92	33	1	3	78	267	16	40	29	33	46	73	64	31	33
		09	1017.3	+2.4	9.6	1.5	10.3	82	5.5	13	72	47	129	99	5	1	2	8	5	7	38	81	75	99	49	0	11	146	205	3	41	36	30	32	73	67	48	35
		15	1016.6	–	12.2	2.7	10.4	72	5.7	10	55	57	150	92	1	0	1	2	1	3	28	62	64	134	70	0	12	171	180	2	65	27	32	31	49	77	56	26
		21	1017.1	–	8.7	1.1	10.2	86	5.1	33	65	51	116	97	3	0	0	5	7	8	29	76	64	112	64	1	10	94	254	6	47	37	41	53	65	58	35	23
Norwich	15	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Weather Centre		09	1017.3	–	10.0	1.6	10.4	81	5.6	12	63	49	133	102	6	3	4	2	5	8	21	102	94	106	20	0	0	47	314	4	36	40	47	15	53	53	58	59
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1017.1	–	9.7	1.3	10.5	83	5.0	41	58	64	101	99	2	0	0	2	5	6	28	98	93	120	13	0	1	28	334	2	35	43	36	34	73	57	46	39
Cambridgeshire																																										
Wyton	43	03	1016.9	–	7.4	0.8	9.7	89	5.2	48	51	49	102	113	2	5	3	3	9	9	56	82	64	102	32	0	2	71	274	18	58	27	18	22	54	79	65	24
		09	1017.5	+2.4	9.5	1.6	10.0	81	5.7	14	51	52	157	87	4	1	4	2	5	12	38	88	55	104	56	0	5	114	242	4	56	38	27	13	52	90	60	25
		15	1016.7	–	12.5	3.1	9.9	68	5.9	14	33	48	192	77	1	0	0	1	1	5	19	74	45	123	97	0	5	146	211	3	48	43	34	24	55	68	64	26
		21	1017.3	–	9.1	1.5	9.9	82	5.3	27	53	68	125	90	2	1	1	1	3	10	27	79	58	112	73	0	4	77	276	8	45	43	38	24	49	84	47	27
Suffolk																																										
Honington	51	03	1016.8	–	7.1	0.7	9.6	91	5.0	55	55	40	104	107	4	1	1	6	14	9	76	87	60	102	9	0	3	49	287	26	39	36	23	26	53	73	60	29
		09	1017.4	+2.4	9.6	1.7	10.0	80	5.5	11	68	49	154	77	6	0	3	7	5	10	39	98	74	91	38	0	7	85	266	7	39	38	36	22	53	73	65	32
		15	1016.7	–	12.2	3.1	9.8	68	5.8	9	50	58	167	81	0	0	0	2	3	7	19	73	53	138	70	0	9	127	224	5	51	28	35	30	57	67	61	31
		21	1017.2	–	8.7	1.3	9.8	84	5.1	29	69	50	140	75	2	0	2	1	7	11	45	76	70	122	31	0	6	63	279	17	46	36	36	31	63	70	41	25
Wattisham	91	03	1016.9	–	7.0	0.5	9.7	92	5.0	63	50	33	88	121	10	3	6	8	14	23	46	103	73	71	18	0	6	97	249	13	50	32	24	22	60	72	57	35
		09	1017.4	–	9.4	1.5	10.2	82	5.7	15	61	44	129	111	5	0	7	4	6	7	43	74	86	100	38	0	11	136	215	3	52	41	28	18	65	58	58	42
		15	1016.7	–	11.8	2.7	10.0	71	5.8	11	44	64	146	96	4	0	1	1	6	4	26	50	104	128	45	0	14	171	179	1	47	37	23	39	61	59	65	33
		21	1017.3	–	8.4	1.1	9.9	86	5.2	35	66	43	122	95	4	2	2	2	6	4	36	100	97	100	16	0	15	86	258	6	46	44	31	38	70	61	43	26
4 Midland Counties																																										
Essex																																										
Stansted	102	03	1017.0	–	7.1	0.8	9.5	89	5.2	49	43	46	125	96	6	2	1	6	19	19	49	92	46	106	25	0	5	58	286	16	51	25	31	24	49	71	50	48
		09	1017.5	+2.2	9.3	1.7	9.8	80	5.7	11	57	42	170	80	5	0	2	6	12	12	41	89	71	104	28	0	4	120	238	3	47	34	44	16	52	67	54	48
		15	1016.7	–	12.2	3.2	9.6	67	5.8	8	48	57	178	73	1	0	0	1	1	8	12	89	67	127	60	0	8	150	206	1	45	31	37	26	53	61	57	44
		21	1017.4	–	8.8	1.4	9.7	82	5.3	27	50	67	132	86	3	1	0	4	9	6	33	96	56	125	35	0	8	70	282	5	46	35	36	44	49	63	55	32
West Yorkshire																																										
Leeds	60	03	1015.9	–	7.9	1.0	9.6	85	5.4	23	69	35	135	101	2	1	0	2	2	10	36	93	78	107	38	2	8	46	304	5	35	27	38	23	16	24	111	86
Weather Centre		09	1016.3	–	9.5	1.8	9.7	78	5.9	8	54	46	148	103	6	0	2	5	2	15	28	84	89	91	49	1	10	82	269	3	39	34	37	35	25	20	116	56
		15	1015.6	–	12.1	3.0	9.7	68	6.1	9	28	58	160	107	3	0	3	1	0	10	14	57	97	106	77	1	16	120	227	1	38	26	44	33	31	29	113	50
		21	1016.1	–	9.5	1.6	9.9	79	5.4	19	66	53	127	98	2	1	1	2	2	7	29	79	78	122	44	2	4	57	299	3	40	28	43	31	14	43	94	69
Wilsden	267	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		09	1016.5	–	7.7	1.1	9.4	86	5.9	8	46	69	95	121	26	4	7	9	15	17	35	82	101	85	10	0	7	105	219	34	25	32	35	25	33	63	92	25
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1016.5	–	–	–	9.4	–	5.2	26	66	67	83	111	12	5	1	3	5	8	22	94	159	65	3	0	8	81	240	36	–	–	–	–	–	–	–	–	–	–	–	–	–
South Yorkshire																																										
Finningley	15	03	1016.1	–	7.2	0.8	9.4	88	5.3	26	65	44	117	106	7	5	2	2	8	20	45	81	64	104	34	0	6	70	262	27	50	22	17	31	69	54	57	38
		09	1016.6	+2.2	9.5	1.7	9.8	79	5.8	9	47	57	149	96	7	3	3	3	7	15	41	61	83	97	52	0	6	119	229	11	59	24	14	25	75	61	60	36
		15	1015.9	–	12.3	3.2	9.6	67	5.8	10	45	55	162	90	3	2	0	2	3	6	22	49	73	120	88	0	14	161	189	1	63	27	36	22	64	58	68	26
		21	1016.4	–	8.8	1.4	9.8	82	5.4	29	55	51	124	99	7	1	7	0	4	13	27	77	79	99	58	1	8	72	267	17	43	27	19	41	73	51	63	31
Nottinghamshire																																										
Nottingham	119	03	1016.7	–	7.1	0.8	9.4	89	5.3	31	67	40	107	116	4	2	2	4	9	9	38	95	84	108	14	0	3	59	295	8	44	46	25	9	40	93	69	31
		09	1017.3	+2.5	8.8	1.5	9.6	81	5.9	3	62	43	142	109	6	2	6	6	10	15	32	112	67	73	42	0	0	103	260	2	46	58	20	10	44	102	67	16
		15	1016.4	–	11.8	3.0	9.5	68	5.7	10	48	57	168	80	2	2	0	1	2	3	18	78	61	108	92	0	4	141	218	2	45	49	26	13	52	77	79	22
		21	1017.1	–	8.7	1.4	9.7	82	5.3	28	60	51	132	93	1	1	1	0	5	5	25	108	72	103	45	0	4	74	279	8	33	57	35	11	39	87	59	36
Staffordshire																																										
Cellarhead	228	03	1016.7	–	6.5	0.7	9.2	90	5.8	42	27	51	55	168	22	2	2	6	12	9	37	114	182	1	0	0	3	46	255	61	13	17	49	32	50	52	54	37
		09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shropshire																																										
Shawbury	76	03	1016.7	–	7.1	0.9	9.2	87	5.6	25	55	41	115	120	9	1	4	6	12	30	38	58	59	139	18	0	5	58	236	66	29	12	38	28	44	37	79	32
		09	1017.1	+2.3	9.1	1.6	9.6	80	6.2	5	44	29	167	111	9	3	4	2	5	21	37	69	60	127	37	0	6	100	238	21	30	18	47	27	73	47	65	37
		15	1016.3	–	12.0	3.1	9.6	67	6.1	6	25	68	171	89	6	2	1	1	1	7	16	68	76	127	66	0	9	163	188	6	42	17	52	27	56	45	81	39
		21	1017.0	–	8.7	1.5	9.5	81	5.6	19	55	47	130	108	6	1	2	1	7	16	28	61	68	138	43	1	5	65	265	29	31	23	41	24	48	51	67	51

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation (GMT)	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Mean (Oktas)	Cloud amount: Number of observations: 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
4 Midland Counties																																										
West Midlands																																										
Elmdon	99	03	1016.8	–	7.3	0.9	9.4	88	5.6	25	55	40	130	111	4	0	3	4	6	22	39	87	123	64	17	0	1	44	284	36	39	41	11	23	60	74	48	33
		09	1017.3	+2.3	9.2	1.6	9.8	80	6.1	4	57	27	161	111	5	0	3	3	4	14	29	104	103	83	22	0	2	73	280	10	39	43	22	24	66	67	55	39
		15	1016.4	–	12.1	3.1	9.6	67	6.0	5	39	56	172	91	2	1	0	1	0	1	7	78	108	111	58	0	3	121	238	3	29	47	33	22	71	61	63	36
		21	1017.1	–	9.0	1.5	9.7	81	5.3	25	65	45	138	91	1	0	0	0	4	12	30	94	115	96	14	0	3	53	289	20	36	35	28	21	54	83	45	43
5 England SE & Cent. S.																																										
Hereford & Worcester																																										
Great Malvern	46	09	1017.4	–	10.1	1.5	10.7	83	6.1	9	52	35	123	141	5	3	1	4	8	15	45	58	104	123	4	0	0	37	304	24	52	44	31	29	68	36	52	29
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Madley	79	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Oxfordshire																																									
Brize Norton	92	03	1017.2	–	7.3	0.7	9.7	89	5.2	41	56	46	105	115	2	1	1	5	7	6	34	110	83	91	27	0	1	34	306	24	34	68	17	8	32	84	66	32
		09	1017.7	–	9.1	1.4	10.1	82	6.0	7	56	36	137	128	1	1	4	8	3	13	35	86	74	117	24	0	1	76	274	14	39	70	25	19	43	75	61	19
		15	1016.8	–	12.4	2.9	10.1	69	6.0	8	43	59	147	106	2	1	0	1	2	3	12	71	78	131	66	0	4	104	255	2	48	44	36	17	56	70	63	29
		21	1017.5	–	9.1	1.4	10.0	83	5.1	36	62	53	119	93	2	1	2	3	0	0	23	84	84	132	36	0	0	47	294	24	43	65	19	10	40	87	50	27
Greater London																																										
Heathrow	26	03	1017.1	–	8.4	0.9	10.2	87	5.3	45	53	33	137	96	1	3	1	0	3	4	47	106	81	96	24	0	0	37	291	37	51	34	19	14	51	59	67	33
		09	1017.7	+2.2	10.3	1.7	10.5	79	5.8	11	54	42	158	96	4	0	3	0	3	8	37	87	84	101	42	0	1	51	294	19	56	44	13	23	64	58	64	24
		15	1016.8	–	13.5	3.4	10.4	66	5.8	9	46	56	165	88	1	1	0	0	0	1	13	63	60	143	84	0	1	106	251	7	45	38	31	26	57	65	69	27
		21	1017.5	–	10.4	1.7	10.5	79	5.2	31	59	51	140	82	2	1	0	1	2	2	19	86	94	120	40	0	2	43	304	16	47	37	34	28	56	75	43	29
London Weather Centre	24	03	1017.0	–	9.6	1.4	10.3	81	5.0	49	55	39	146	76	0	0	0	0	0	3	15	123	88	117	19	0	0	86	278	1	38	67	29	10	40	71	73	36
		09	1017.6	–	10.9	2.0	10.3	76	5.8	14	47	52	135	116	1	0	0	1	2	5	19	94	106	114	24	0	3	113	249	0	36	65	33	17	51	66	66	31
		15	1016.8	–	13.6	3.5	10.2	64	5.9	12	38	61	165	89	0	0	0	0	1	1	6	55	88	145	69	0	6	157	202	0	32	57	40	11	53	64	74	34
		21	1017.4	–	11.2	2.1	10.4	75	5.2	43	43	51	157	71	0	0	0	0	0	3	10	85	105	130	32	0	6	113	246	0	44	60	37	33	33	75	61	22
Wiltshire																																										
Lyneham	149	03	1017.4	–	7.2	0.6	9.7	91	5.6	25	59	42	101	135	3	0	6	7	16	22	61	88	63	85	17	0	6	75	272	12	28	60	23	12	71	89	45	25
		09	1017.9	+2.3	8.8	1.2	10.1	85	6.1	6	42	60	122	132	3	0	7	7	11	23	39	78	73	101	26	0	9	113	239	4	40	60	28	18	65	79	47	24
		15	1016.9	–	11.9	2.7	10.1	71	6.1	10	28	66	158	103	0	0	2	0	4	8	16	68	93	116	58	0	12	170	182	1	39	51	37	15	55	60	85	22
		21	1017.7	–	8.7	1.2	9.9	84	5.3	22	66	49	117	110	1	0	2	1	6	10	42	76	81	107	40	1	4	77	280	3	39	48	35	19	56	80	63	22
Berkshire																																										
Easthampstead	75	09	1018.0	–	9.3	1.4	10.3	83	5.9	16	53	35	136	125	0	1	3	3	6	11	37	93	56	127	28	0	0	8	320	37	42	33	36	12	50	55	66	34
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Kent																																										
Langdon Bay	121	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Manston	45	03	1017.3	–	8.3	0.8	10.2	88	5.2	44	51	48	117	100	5	0	1	4	9	17	44	104	104	78	4	0	6	90	265	4	36	30	32	45	49	84	49	36
		09	1018.0	–	10.2	1.5	10.7	82	5.6	14	57	51	146	92	5	1	3	0	6	6	37	106	100	97	9	0	7	134	221	3	41	27	40	34	54	68	50	48
		15	1017.4	–	12.1	2.4	10.7	73	5.4	16	58	61	149	79	2	0	1	2	0	5	32	78	93	129	25	0	15	154	195	1	40	52	41	29	59	68	39	36
		21	1017.9	–	9.2	1.1	10.5	85	5.3	28	67	47	115	106	2	1	1	0	1	17	32	100	107	98	8	1	12	108	240	4	39	40	46	38	59	91	28	20
Ulcombe	47	09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Hampshire																																										
Solent	9	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
M.R.S.C.		09	1018.3	–	10.4	1.6	10.7	80	5.7	30	31	71	98	135	0	0	0	2	3	1	15	86	145	113	0	1	30	121	169	44	50	61	22	24	28	63	53	20
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Southampton Weather Centre	9	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		09	1018.2	–	10.5	1.8	10.5	79	5.6	14	64	42	132	110	3	1	0	1	4	8	35	89	82	142	3	0	1	24	339	1	37	60	33	30	39	30	98	37
		15	1017.4	–	13.3	3.0	10.8	68	5.6	12	56	58	140	99	0	0	1	0	0	1	15	69	93	166	20	0	1	53	311	0	33	41	40	35	57	50	79	30
		21	1018.0	–	10.7	1.7	10.7	79	5.1	36	61	56	109	101	2	0	1	2	1	4	16	77	112	148	4	0	1	23	338	3	31	50	40	17	43	37	106	38
7A England NW & I.o.M.																																										
Isle of Wight																																										
St Catherine's Point	16	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Wellow	25	09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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West Sussex																																										
Gatwick	64	03	1017.6	–	7.4	0.7	9.8	90	5.4	44	52	28	104	129	8	2	4	13	10	10	61	113	81	64	7	0	0	31	269	65	35	36	24	9	56	78	37	25
		09	1018.1	+2.4	9.7	1.5	10.3	81	5.8	15	50	48	143	106	3	0	1	5	5	18	32	120	80	95	9	0	1	46	285	33	50	39	34	22	52	69	38	28
		15	1017.3	–	12.8	3.0	10.3	68	5.7	10	47	64	149	95	0	0	0	0	1	3	15	92	79	127	48	0	3	80	274	8	35	45	36	21	59	76	60	25
		21	1018.0	–	9.2	1.2	10.3	84	5.2	29	66	48	124	98	0	1	2	1	1	7	35	124	93	94	7	0	2	31	298	34	39	30	46	15	63	86	26	26

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation (GMT)	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Mean (Oktas)	Cloud amount: Number of observations: 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: Number of observations: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
7A England NW & I.o.M.																																											
East Sussex																																											
Herstmonceux	25	03	1017.7	–	7.9	0.7	10.1	90	5.2	49	50	47	74	139	6	0	7	6	10	8	30	84	104	100	16	0	10	51	269	35	47	67	20	14	25	42	74	41
		09	1018.3	–	10.0	1.4	10.7	82	5.8	15	50	55	137	105	3	0	1	2	0	1	39	94	99	107	22	1	11	83	256	14	41	64	31	20	38	50	81	26
		15	1017.7	–	12.1	2.3	10.8	74	5.8	12	47	55	153	97	1	0	0	0	2	2	13	79	81	145	43	2	14	124	222	3	27	53	31	36	38	68	92	17
		21	1018.2	–	9.0	1.0	10.5	86	5.3	26	71	47	93	124	4	0	1	1	4	3	25	75	131	105	20	0	9	67	274	15	43	83	22	16	21	44	85	36
Cumbria																																										
Aspatria	64	09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Eskmeals	9	09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Lancashire																																										
Aughton	56	03	1016.0	–	8.0	0.9	9.8	87	5.4	24	52	69	118	102	0	1	0	1	3	6	12	37	66	172	67	1	3	62	286	13	27	30	51	76	49	33	59	27
		09	1016.5	–	9.2	1.4	10.1	83	5.9	8	44	57	153	100	3	0	2	3	6	9	16	77	63	129	60	0	6	76	273	10	25	18	41	84	58	29	73	27
		15	1015.8	–	11.5	2.4	10.3	73	5.7	6	48	76	144	91	0	0	0	1	2	5	12	62	60	104	119	0	6	141	216	2	17	19	35	58	46	47	88	53
		21	1016.3	–	9.2	1.3	10.1	83	5.4	13	70	59	124	99	0	0	0	0	3	4	9	44	59	151	95	2	4	79	256	24	30	26	50	49	47	41	67	31
Squires Gate	11	09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Merseyside																																										
Crosby	9	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Greater Manchester																																										
Ringway	84	03	1016.3	–	7.5	1.0	9.4	87	5.3	25	64	45	144	82	5	0	0	4	4	15	49	79	114	96	4	0	4	65	277	19	30	29	40	26	119	37	39	26
		09	1016.7	+2.4	9.2	1.6	9.7	79	5.7	10	56	46	170	81	2	0	1	1	6	5	33	69	125	99	26	0	3	105	252	5	16	38	39	25	103	48	55	36
		15	1016.0	–	11.9	3.0	9.6	67	5.8	8	45	64	163	84	1	0	0	0	1	3	17	56	116	108	64	0	7	133	221	4	21	24	30	29	75	53	81	48
		21	1016.6	–	9.2	1.6	9.7	80	5.3	25	58	57	143	81	1	0	0	1	0	5	30	77	125	104	23	0	6	82	272	5	16	37	45	31	89	47	60	35
Isle of Man																																										
Calf of Man	93	03	–	–	–	–	–	–	5.7	6	53	89	65	140	12	2	2	6	4	0	3	13	57	228	50	10	41	134	169	11	48	10	42	33	89	49	68	15
		09	–	–	–	–	–	–	6.1	6	27	82	116	120	14	5	1	6	6	0	4	16	67	196	64	7	47	152	154	5	52	10	43	29	94	52	59	21
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	5.8	6	36	97	85	134	7	3	3	1	3	0	2	13	64	207	69	11	45	141	156	12	57	14	39	29	93	49	51	21
Point of Ayre	11	03	1014.8	–	8.9	0.9	10.3	88	5.1	42	65	51	69	135	3	1	1	1	2	1	0	4	57	184	114	5	35	160	133	32	22	39	16	49	45	62	71	29
		09	1015.1	+1.9	9.9	1.2	10.7	84	6.1	8	32	60	121	141	3	0	1	1	2	3	0	18	66	213	61	2	41	174	129	19	20	39	22	49	46	54	81	35
		15	1014.7	–	11.5	1.9	10.9	78	5.9	9	45	56	138	116	1	0	0	0	2	3	1	17	70	206	66	7	48	153	133	24	12	24	31	57	40	56	77	44
		21	1015.0	–	9.5	1.1	10.5	86	5.3	27	55	68	89	124	2	0	1	1	0	1	2	12	53	201	94	4	43	131	153	34	13	28	18	42	53	58	66	53
Ronaldsway	21	03	1015.1	–	8.7	1.0	10.0	86	5.5	19	64	46	108	127	1	0	0	0	4	4	11	76	99	106	65	1	33	155	161	15	62	28	40	28	42	52	72	26
		09	1015.6	+2.0	9.8	1.5	10.2	81	6.1	4	46	35	192	86	2	0	1	0	4	3	14	69	107	95	72	1	39	174	145	6	29	30	51	27	61	66	69	26
		15	1015.1	–	11.1	2.1	10.2	75	5.8	6	50	57	175	76	1	0	0	1	0	2	16	63	110	102	71	4	38	176	144	3	19	27	63	23	72	74	44	40
		21	1015.4	–	9.3	1.3	10.1	83	5.5	10	62	63	140	87	3	0	0	2	3	4	10	72	109	108	57	2	35	139	173	16	59	28	37	21	45	54	68	37
7B Wales N																																										
Gwynedd																																										
Nantmor	52	09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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Valley	11	03	1015.8	–	8.9	1.0	10.3	86	5.4	35	55	45	109	119	2	0	1	2	6	2	18	69	74	126	67	4	34	116	186	25	40	43	27	20	81	52	51	26
		09	1016.2	+2.2	10.1	1.4	10.6	82	5.8	12	50	43	162	98	0	0	2	1	4	4	19	74	67	104	90	2	36	142	174	11	39	41	38	15	80	70	46	25
		15	1015.8	–	11.9	2.3	10.6	74	5.5	9	65	51	155	85	0	0	0	0	0	4	10	66	69	111	105	4	36	157	163	5	36	37	13	11	86	98	41	38
		21	1016.2	–	9.6	1.3	10.4	84	5.3	16	66	71	117	95	0	0	0	0	2	5	7	82	55	128	86	3	35	109	192	26	41	47	30	14	87	61	36	23
Clwyd																																										
Moel-y-Crio	263	09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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8A Wales S																																										
Dyfed																																										
Aberporth	134	03	1016.2	–	8.4	0.9	10.0	87	5.3	43	46	46	107	117	6	1	4	2	5	2	21	91	102	98	39	9	52	156	144	4	33	16	31	54	104	46	43	34
		09	1016.6	+2.0	9.4	1.3	10.4	84	6.1	8	41	43	163	105	5	1	2	5	3	1	10	87	123	93	40	9	48	167	138	3	34	29	28	48	86	46	53	38
		15	1016.2	–	10.9	1.9	10.5	78	5.7	9	62	47	151	94	2	0	2	1	2	1	8	71	114	104	62	9	59	159	138	0	39	25	24	36	69	48	68	56
		21	1016.7	–	9.1	1.1	10.2	85	5.2	24	74	47	117	100	3	0	2	2	2	2	12	84	107	96	58	7	48	149	150	11	32	25	35	41	91	60	44	26
Brawdy	116	03	1016.5	–	8.0	0.6	10.2	91	5.7	28	51	42	117	124	3	2	6	14	18	11	21	76	82	101	34	1	35	133	194	2	48	35	54	46	45	49	63	23
		09	1016.9	–	9.3	1.1	10.6	86	6.1	8	41	46	155	114	1	3	5	7	12	7	25	68	99	101	38	4	27	190	144	0	42	34	49	52	47	54	52	35
		15	1016.4	–	10.9	1.7	10.7	80	5.6	9	59	59	141	96	1	1	5	4	6	4	12	86	72	109	66	2	42	208	113	0	66	26	22	43	39	90	56	23
		21	1017.0	–	8.7	0.8	10.4	89	5.5	16	61	54	119	113	2	3	5	4	6	9	23	78	87	94	56	2	31	131	200	1	44	45	41	41	37	70	53	33
Milford Haven	39	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		09	1017.2	+2.2	10.1	1.0	11.2	87	5.9	15	31	79	80	152	8	0	2	3	2	3	18	111	118	108	0	4	24	144	175	18	41	40	68	25	39	53	54	27
		15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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West Glamorgan																																										
Mumbles Head	32	03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mid Glamorgan																																										
Cwmbargoed	372	09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation (GMT)	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Oktas: Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured
										Number of observations					
8A Wales S															
South Glamorgan															
Rhoose	74	03	1017.2	–	8.1	0.7	10.2	89	5.4	27	60	46	111	117	4
		09	1017.7	+2.2	9.6	1.2	10.5	84	6.1	5	35	56	157	110	2
		15	1016.9	–	11.8	2.2	10.7	75	5.8	12	47	46	168	92	0
		21	1017.6	–	9.3	1.1	10.4	85	5.5	16	53	68	116	110	2
8B England SW															
Avon															
Bristol	40	03	1017.3	–	9.1	1.3	10.1	83	5.5	30	48	51	111	122	3
Weather Centre		09	1017.8	+2.2	10.2	1.9	10.0	77	5.9	5	54	56	137	111	2
		15	1016.9	–	12.9	3.1	10.1	66	5.7	8	46	74	136	100	1
		21	1017.6	–	10.5	1.9	10.3	77	5.4	27	53	53	129	103	0
Somerset															
Tivington	83	03	–	–	–	–	–	–	–	–	–	–	–	–	–
		09	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Yeovilton	23	03	–	–	–	–	–	–	–	–	–	–	–	–	–
		09	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Dorset															
Hurn	11	03	1017.7	–	7.5	0.7	9.9	90	5.1	52	47	51	98	113	4
		09	1018.1	+2.0	9.9	1.5	10.6	82	5.7	12	57	49	139	107	1
		15	1017.4	–	12.8	2.7	10.8	71	5.7	10	47	76	125	106	1
		21	1018.1	–	9.3	1.1	10.4	85	5.0	41	56	64	109	94	1
Portland	54	09	–	–	–	–	–	–	–	–	–	–	–	–	–
Bill C.G.		15	–	–	–	–	–	–	–	–	–	–	–	–	–
Devon															
Lundy	43	03	–	–	–	–	–	–	–	–	–	–	–	–	–
		09	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Mount Batten	28	03	–	–	–	–	–	–	–	–	–	–	–	–	–
		09	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	5.3	24	72	45	133	91	0
Cornwall															
Camborne	88	03	1017.4	–	9.2	0.9	10.7	88	5.3	29	59	68	83	122	4
		09	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–
Culdrose	84	03	1017.4	–	–	–	–	–	5.3	25	61	69	66	141	3
		09	1017.7	–	10.6	1.0	11.5	87	6.3	4	23	72	139	126	1
		15	1017.4	–	12.1	1.7	11.7	80	6.1	9	17	89	128	122	0
		21	1018.1	–	10.1	0.9	11.3	88	5.5	9	53	91	93	117	2
Gwennap Head	70	03	–	–	–	–	–	–	–	–	–	–	–	–	–
		09	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	1017.9	–	10.4	1.1	11.1	85	5.4	29	49	82	53	133	19
St Mawgan	107	03	1017.3	–	9.2	0.8	10.7	88	5.7	27	41	62	97	133	5
		09	1017.6	+2.0	10.4	1.3	11.1	84	5.9	9	51	42	155	103	5
		15	1017.3	–	12.0	2.0	11.2	77	5.9	5	47	60	153	99	1
		21	1017.9	–	9.8	1.0	11.0	87	5.4	15	67	56	126	100	1
Channel Islands															
Guernsey															
Airport	107	03	1017.8	–	9.4	0.9	10.8	87	5.3	39	52	49	115	109	1
		09	1018.3	–	10.5	1.3	11.1	84	5.9	6	52	48	172	86	1
		15	1017.8	–	11.8	1.9	11.2	78	5.5	10	66	54	160	75	0
		21	1018.4	–	10.1	1.2	10.9	85	4.9	30	75	63	108	88	1
Jersey															
Airport	94	03	1018.0	–	9.3	0.9	10.8	88	4.9	49	61	49	104	102	0
		09	1018.6	+2.2	10.5	1.3	11.1	84	5.9	7	53	46	159	100	0
		15	1018.1	–	12.2	2.1	11.2	77	5.5	14	70	44	144	93	0
		21	1018.6	–	10.0	1.1	10.9	85	4.9	38	69	63	101	93	1
Northern Ireland															
Antrim															
Aldergrove	73	03	1014.7	–	7.5	0.8	9.6	89	5.5	21	69	37	124	114	0
		09	1015.0	+1.9	8.8	1.2	10.0	85	6.2	4	37	43	180	99	2
		15	1014.5	–	11.2	2.2	10.2	75	6.1	4	34	54	176	96	1
		21	1015.0	–	8.7	1.2	9.8	84	5.6	10	66	48	146	94	1
Londonderry															
Carmoney	73	03	–	–	–	–	–	–	–	–	–	–	–	–	–
		09	–	–	–	–	–	–	–	–	–	–	–	–	–

District / Region / County and Place	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
	Number of observations																											
8A Wales S																												
South Glamorgan																												
Rhoose	2	4	2	6	8	27	89	101	110	16	0	17	88	244	16	25	72	52	21	20	33	84	42					
	1	5	2	6	14	33	83	95	108	18	0	14	145	200	6	23	76	54	30	26	40	81	29					
	2	6	11	80	101	119	43	1	25	165	173	1	14	47	60	35	19	41	128	20								
	1	0	5	6	1	24	73	118	111	26	1	14	111	233	6	33	63	38	24	20	40	101	40					
8B England SW																												
Avon																												
Bristol	0	3	2	1	3	33	129	105	84	5	0	3	28	239	95	16	53	27	17	28	53	68	8					
Weather Centre	0	1	1	4	7	31	102	98	108	13	0	2	54	248	61	22	55	33	22	34	55	74	9					
	0	1	0	1	2	15	87	108	101	50	0	4	99	246	16	27	42	46	28	35	43	110	18					
	0	0	2	1	4	28	100	106	105	19	0	2	41	257	65	20	46	34	20	22	71	72	15					
Somerset																												
Tivington	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
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Yeovilton	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
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Dorset																												
Hurn	0	1	4	15	12	37	76	112	103	5	0	2	65	274	24	58	40	12	22	46	66	57	40					
	0	1	0	4	12	30	111	73	115	19	0	5	99	257	4	65	53	19	32	42	74	36	40					
	0	0	0	2	1	18	87	77	128	52	0	10	147	206	2	47	34	36	31	71	73	42	29					
	0	1	1	5	7	26	88	84	139	14	0	5	66	282	12	54	49	20	17	43	74	65	31					
Portland	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
Bill C.G.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
Devon																												
Lundy	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
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Mount Batten	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
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	0	0	0	5	4	16	97	92	141	10	–	–	–	–	–	–	–	–	–	–	–	–	–					
Cornwall																												
Camborne	2	3	4	11	10	17	84	84	119	31	2	30	142	182	9	39	29	49	38	78	50	42	31					
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Culdrose	2	3	10	15	5	29	102	86	113	0	2	30	119	200	14	34	48	56	28	31	55	68	31					
	2	10	6	8	13	20	108	97	98	3	0	28	167	167	3	37	43	71	19	46	53	60	33					
	3	6	6	5	6	25	89	89	134	2	2	34	189	140	0	50	20	66	25	25	77	69	33					
	2	4	8	9	6	27	85	109	114	1	1	24	133	202	5	40	44	60	18	31	57	72	38					
Gwennap Head	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
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	9	6	3	4	5	6	60	79	142	51	4	61	190	101	9	49	44	41	13	59	71	38	41					
St Mawgan	0	8	7	10	6	31	90	76	123	14	0	26	126	202	11	34	28	76	32	66	38	56	24					
	1	5	3	6	10	27	104	77	93	39	1	23	173	168	0	46	23	67	43	60	42	51	33					
	0	3	4	5	4	14	89	81	92	73	0	37	207	120	1	60	15	38	42	38	56	77	38					
	0	4	5	7	4	23	95	74	131	22	1	26	131	202	5	41	29	63	32	56	44	67	28					
Channel Islands																												
Guernsey																												
Airport	1	1	12	8	3	8	27	72	85	100	49	0	22	163	178	2	35	41	56	25	36	56	71	43				
	2	13	2	6	10	24	76	80	101	51	1	22	188	148	6	43	42	51	28	53	48	60	34					
	0	6	4	2	4	17	82	84	114	52	1	36	182	145	1	41	50	44	26	38	47	83	35					
	0	15	7	1	5	20	84	72	110	51	0	21	184	156	4	34	37	57	23	37	50	81	42					
Jersey																												
Airport	2	5	5	6	17	36	60	92	101	41	2	14	172	160	17	38	36	62	30	38	44	63	37					
	3	3	4	4	17	31	70	64	139	30	1	24	168	161	11	32	35	71	35	43	44	63	31					
	2	4	2	3	5	16	78	58	163	34	0	30	191	141	3	46	29	59	32	36	29	95	36					
	3	8	4	1	11	30	68	68	126	46	1	24	168	160	12	33	45	65	21	40	31	83	35					
Northern Ireland																												
Antrim																												
Aldergrove	0	1	3	3	5	14	67	82	107	83	0	7	81	256	21	28	21	48	50	88	53	32	24					
	0	3	1	5	7	20	72	91	116	50	0	6	106	246	7	30	28	28	42	97	62	40	31					
	1	1	2	1	4	10	50	95	106	95	0	11	140	209	5	26	23	28	46	74	62	54	47					
	0	0	2	1	4	10	60	88	126	74	0	7	90	257	11	33	18	39	60	76	45	48	35					
Londonderry																												
Carmoney	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					

Table 4 Summary of observations at fixed hours

District / Region / County and Place	Height of barometer above MSL (metres)	Hour of observation (GMT)	Mean Pressure: At MSL (mb)	Mean Pressure: Difference from 1951-80 average	Mean temperature and humidity: Dry bulb (degrees C)	Mean temperature and humidity: Depression of wet bulb (degrees C)	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount: Mean (Oktas)	Cloud amount: 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39 m	40 - 190 m	200 - 390 m	400 - 990 m	1000 - 1900 m	2000 - 3900 m	4 - 9 km	10 - 19 km	20 - 39 km	40 km and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (kn): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
Northern Ireland																																											
Down																																										
Long Kesh	39	03	1014.9	–	7.3	–	–	–	5.6	37	41	49	101	133	4	0	0	5	4	5	26	67	89	166	3	0	4	45	272	44	5	9	58	22	32	57	109	29
		09	1015.2	–	9.1	1.3	10.2	84	6.2	4	36	41	161	119	4	1	4	3	2	7	20	89	92	123	24	0	1	74	271	19	21	12	54	26	43	51	107	32
		15	1014.6	–	11.7	2.3	10.4	73	6.1	4	24	81	152	103	1	0	0	0	2	5	15	64	71	141	67	0	5	110	240	10	31	9	46	37	43	47	83	59
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tyrone																																										
Carrigans	113	09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fermanagh																																										
Corgary	144	09	1014.7	–	8.8	1.3	9.8	83	6.5	1	9	49	183	123	0	0	0	0	1	5	8	136	90	79	46	0	18	149	110	88	10	12	36	69	46	24	65	15

Table 5 Number of days with max. and min. temperatures between given limits

Station	Maximum (deg C)								Minimum (deg C)							
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	−15.0 or less	−14.9 to −10.0	−9.9 to −5.0	−4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	Above 15.0
Lerwick	0	36	184	112	31	2	0	0	0	0	0	23	161	128	53	0
Kirkwall	0	31	125	144	61	4	0	0	0	0	0	19	162	121	63	0
Stornoway	0	16	139	139	62	9	0	0	0	0	0	19	144	126	76	0
Braemar	6	65	110	91	69	18	6	0	0	2	13	104	108	97	40	1
Craibstone	0	46	107	118	74	20	0	0	0	0	4	45	143	108	65	0
Dunstaffnage	0	24	99	139	83	16	4	0	0	0	0	28	125	135	71	6
Abbotsinch	1	32	84	118	96	33	1	0	0	1	18	52	105	113	71	5
Rothesay	0	22	112	118	88	25	0	0	0	0	0	16	126	142	74	7
Eskdalemuir	8	56	110	99	73	19	0	0	0	0	18	88	113	96	50	0
Boulmer	0	36	105	117	83	23	1	0	0	0	0	45	132	112	76	0
Leeming	3	38	82	113	70	50	9	0	0	1	12	41	115	107	83	6
Hull	0	32	91	100	65	68	9	0	0	0	1	39	104	115	91	15
Cranwell	5	36	86	103	55	63	17	0	0	0	10	56	109	105	78	7
Cambridge (N I A B)	4	23	42	71	39	61	22	0	—	—	—	—	—	—	—	—
Lowestoft	5	28	101	93	68	65	5	0	0	0	2	31	102	122	77	31
Shawbury	6	29	84	109	72	58	7	0	0	0	16	58	102	115	67	7
Elmdon	6	31	82	111	61	65	9	0	0	2	15	47	104	117	73	7
Heathrow	5	20	73	106	73	67	21	0	0	0	11	31	96	112	95	20
Southampton	3	20	62	122	81	64	13	0	0	0	4	30	89	117	104	21
Hastings	4	22	90	124	79	42	4	0	0	0	5	15	107	116	95	27
Douglas	0	25	118	121	84	17	0	0	0	0	0	15	101	152	93	4
Ringway	1	29	84	124	71	46	10	0	0	0	8	46	108	112	81	10
Valley	0	17	101	125	95	20	7	0	0	0	0	28	88	142	97	10
Aberporth	0	31	105	123	78	24	4	0	0	0	3	27	100	138	86	11
Rhoose	5	25	77	123	90	41	4	0	0	0	6	39	90	132	87	11
Falmouth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aldergrove	0	27	103	120	85	30	0	0	0	0	4	35	122	122	75	7
Armagh	0	22	93	131	84	33	2	0	0	0	5	36	113	134	71	6

Table 6 Summary of autographic records of wind

District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed							Mean hourly wind speed (kn)	Highest values							
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind				Gust			
		Above MSL	Above ground	Effective	Number of days	Number of hours	Number of days	Number of hours				Hours of no record		Veer from N	Speed-kn	Date Hour beginning	Veer from N	Speed-kn	Date Time	
O Scotland N																				
Shetland	Fair Isle	71	10	10	31	139	130	1380	3954	2730	550	7	13.9	240	52	19 Dec 15	240	82	19 Dec	1130
	Lerwick	93	10	10	18	98	136	1323	3768	2919	652	0	13.5	260	57	19 Dec 17	250	82	19 Dec	1736
	Sella Ness	16	10		25	158	141	1251	4186	2594	565	6	14.0	290	52	19 Dec 20	290	76	19 Dec	2018
	Sumburgh	35	10	10	27	176	139	1347	3973	2743	521	0	14.1	280	59	19 Dec 19	260	90	19 Dec	1036
Orkney	Kirkwall Airport	41	15	10	21	80	126	1024	3970	3081	605	0	12.8	250	45	19 Dec 12	290	73	22 Dec	1330
Western Isles	Benbecula	16	10	10	14	84	119	1038	3736	3275	617	10	12.8	310	50	16 Oct 18	150	72	18 Jan	1318
																	300	72	16 Oct	1806
	Butt Of Lewis	43	10	10	59	416	181	1624	4089	2308	319	4	15.8	220	62	31 Dec 23	240	96	31 Dec	2354
	Stornoway	12	10	10	13	40	87	566	3026	3573	1534	21	10.1	210	45	31 Dec 23	210	79	31 Dec	2342
Highland	Aviemore	250	10	10	0	0	40	165	2168	3734	2693	0	7.5	190	31	18 Jan 13	200	61	31 Dec	2248
														190	31	11 Apr 08				
														200	31	31 Dec 23				
	Dalcross	20	10	10	3	5	46	194	2267	4399	1871	24	8.2	220	40	31 Dec 22	200	64	31 Dec	2230
	Duirinish	38	20	17	18	79	94	841	2376	3428	1518	518	10.5	210	46	31 Dec 22	210	73	31 Dec	2230
	Invergordon Harbour	19	16	06	4	13	42	210	1959	4004	2540	34	7.6	230	39	31 Dec 21	220	59	11 Apr	1736
																	260	59	16 Oct	2218
																	220	59	31 Dec	2330
	Shin	24	10	10	0	0	16	42	964	3715	4028	11	5.3	250	26	19 Dec 10	260	55	19 Dec	1548
	Wick	45	10	10	6	10	78	428	3352	3929	1005	36	10.3	200	41	31 Dec 23	220	60	24 Sep	1024
1 Scotland E																				
Grampian	Aberdeen, Dyce Airport	68	10	10	1	1	41	159	2464	4014	2122	0	8.1	160	34	11 Apr 10	330	52	17 Oct	1918
	Cairngorm	1075	10	10	101	987	212	1840	3069	2009	732	123	17.6	240	61	31 Dec 23	250	96	4 Jan	1118
																	240	96	31 Dec	2336
	Kinloss	18	13	13	2	2	42	214	2287	4076	2181	0	8.1	260	35	22 Dec 13	250	59	22 Dec	1312
	Lossiemouth	17	10	10	0	0	39	189	2398	4173	1999	1	8.1	270	32	17 Oct 00	210	53	16 Oct	1412
																	230	53	31 Dec	2348
	Peterhead Harbour	34	30	15	Defective record															
Tayside	Mylnefield	40	10	10	0	0	12	27	1357	4163	3197	16	6.1	200	30	5 Jan 15	200	49	5 Jan	1536
	Tummel Bridge	161	16	16	0	0	3	7	665	3867	4086	135	4.9	250	27	16 Oct 23	250	59	16 Oct	2330
	Perth Aerodrome	118	10	10	0	0	25	64	2004	4294	2279	119	7.3	220	27	4 Oct 12	250	47	16 Oct	1342
																	230	47	31 Dec	2342
	Rannoch	307	17	17	0	0	45	232	2262	3780	2050	436	8.2	240	33	24 Sep 11	230	55	16 Oct	1542
Fife	Leuchars	25	13	13	5	10	59	306	2671	4006	1767	0	9.0	260	40	12 Nov 20	260	57	12 Nov	2024
Lothian	Edinburgh Turnhouse Airport	43	13	10	1	1	35	137	2459	3876	2285	2	8.0	260	34	1 Oct 13	250	63	1 Oct	1318
	Royal Observatory, Blackford Hill	159	10	10	16	48	103	776	3243	3410	1185	98	11.2	200	45	10 Nov 14	200	72	10 Nov	1518
	Forth Road Bridge	72		72	25	101	135	1108	3341	3036	1170	4	12.2	240	48	5 Jan 21	230	71	5 Jan	2048
	Leith	15	09		Defective record															

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District / Region/County / and Place		Height of vane in metres			Distribution of hourly mean values of wind speed							Mean hourly wind speed (kn)	Highest values						
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust			
		Above MSL	Above ground	Effective	Number of days	Number of hours	Number of days	Number of hours				Hours of no record		Veer from N	Speed-kn	Date Hour beginning	Veer from N	Speed-kn	Date Time
1 Scotland E (Continued)																			
Borders	Charter Hall	112		10	3	5	52	254	2407	4363	1609	122	8.6	220	36	5 Jan 15	270	60	1 Oct 1600
6 Scotland W																			
Strathclyde	Abbotsinch Airport	16	10	10	0	0	46	219	2302	3821	2412	6	7.9	200	33	5 Jan 13	250	55	5 Jan 2024
	Blairlinnans	145	13	12	0	0	40	191	2359	3938	1663	609	8.7	270	32	17 Oct 01	270	60	17 Oct 0012
	Dunstaffnage	13	10	10	2	6	33	171	2039	4320	2193	31	7.7	280	35	16 Oct 19	290	63	23 Dec 1530
	Greenock Port	51	49		8	22	107	627	3675	3334	994	108	11.4	180	43	1 Jan 16	180	78	5 Jan 0500
	Inchterf	55	15	12	0	0	30	135	1869	3623	2678	455	7.3	230	32	22 Dec 21	260	57	16 Oct 2336
	Lowther Hill	754	27		Defective record														
	Machrihanish	10	10	10	10	53	95	790	3585	3383	938	11	11.6	290	43	17 Oct 11	210	65	5 Jan 1418
	Prestwick Airport	21	10	10	0	0	41	220	2576	4268	1695	1	8.6	280	32	12 Nov 17	230	60	23 Sep 2254
																	240	60	16 Oct 1636
	Salsburgh	275	15	11	19	61	118	1057	4093	2953	360	236	13.3	250	40	16 Oct 18	260	66	16 Oct 2000
	Tiree	21	11	10	21	90	134	1291	4210	2833	336	0	14.0	130	44	31 Oct 03	130	67	31 Oct 0300
Dumfries &	Chapelcross	64	15	15	2	3	42	186	2332	4167	1946	126	8.2	250	35	5 Jan 17	250	66	5 Jan 1718
														280	35	22 Dec 15			
Galloway	Dumfries, Drungans	28	13	10	0	0	2	12	1104	3931	3680	33	5.6	220	30	5 Jan 17	200	61	5 Jan 1524
	Eskdalemuir	259	10	10	0	0	18	60	1921	3859	2920	0	7.0	180	27	1 Jan 16	210	58	5 Jan 1754
	West Freugh	24	10	10	4	13	62	406	2949	3509	1748	135	9.5	210	42	5 Jan 15	270	60	17 Oct 0312
	Whithorn	40	15		11	55	100	774	3998	3247	666	20	12.1	210	55	5 Jan 16	210	75	5 Jan 1654
2 England E & N E																			
Northumberland	Blyth	19	10	10	Defective record														
	Boulmer	33	10	10	2	4	53	290	2618	4508	1340	0	9.1	230	35	5 Jan 21	230	57	5 Jan 2136
Tyne & Wear	South Shields	22	17	13	Defective record														
Durham	Burnhope	244	10	10	1	2	42	219	2383	4578	1496	82	8.6	260	34	1 Oct 16	240	60	17 Oct 1418
Cleveland	Hartlepool	15	10	10	1	2	53	323	2394	3914	1635	492	8.9	190	39	5 Jan 18	200	60	5 Jan 1830
North Yorkshire	Church Fenton	18	10	10	4	5	40	209	1853	3993	2700	0	7.4	270	40	8 Jan 22	260	63	8 Jan 2230
	Fylingdales	242	10	10	6	14	98	665	3524	3531	932	94	11.2	290	43	9 Jan 00	230	62	5 Jan 1900
	Leeming	42	10	10	5	10	49	238	2307	4012	2193	0	8.2	210	37	5 Jan 20	250	65	6 Jan 0454
	Linton-on-Ouse	24	10	10	1	1	32	132	2157	4224	2210	36	7.7	240	34	5 Jan 20	270	59	1 Oct 1412
Humberside	Bridlington MRSC	31	16	18	15	60	69	604	2108	2936	1392	196	10.2	260	47	5 Feb 15	162	99	96 Jan
	Spurn Point	17	10	10	12	41	101	832	3883	2899	649	456	12.4	230	48	8 Jan 22	230	69	8 Jan 2218
Lincolnshire	Coningsby	16	10	10	1	2	38	152	2503	4461	1642	0	8.5	210	37	8 Jan 20	240	60	8 Jan 2218
	Cranwell	68	13	13	4	14	58	376	2741	4183	1407	39	9.4	240	42	6 Jan 03	230	61	8 Jan 2212
	Scampton	68	10	10	3	5	47	211	2804	4659	1080	1	9.1	230	39	8 Jan 21	240	61	8 Jan 2154
	Waddington	80	10	10	3	9	42	204	2797	4564	1186	0	9.1	230	40	8 Jan 21	250	67	8 Jan 2148
3 East Anglia																			
Norfolk	Coltishall	27	10	10	2	4	33	148	2399	4223	1975	11	8.2	240	35	8 Jan 22	230	66	8 Jan 2148
	Gorleston	16	13	13	9	43	61	469	3213	3423	926	686	10.8	030	40	19 Nov 21	190	55	5 Jan 0836
																	040	55	19 Nov 2042
																	260	55	23 Dec 1324
	Hemsby	26	13	13	1	1	57	337	3204	4034	1184	0	9.8	280	36	23 Dec 13	270	71	23 Dec 1318
	Marham	29	10	10	2	2	47	207	2651	4188	1712	0	8.7	230	36	8 Jan 21	210	60	8 Jan 2112
Cambridgeshire	Wittering	87	10	10	3	7	45	191	2665	4454	1359	84	8.9	230	35	8 Jan 20	280	63	23 Dec 1212
														270	35	23 Dec 12			
	Wyton	45	10	10	0	0	35	131	2585	4668	1376	0	8.5	220	30	8 Jan 20	250	62	23 Dec 1224
Suffolk	Honington	60	13	13	0	0	23	136	2259	4538	1827	0	8.0	260	32	23 Dec 13	260	61	23 Dec 1300
	Wattisham	105	16	10	1	1	36	198	2535	4901	1124	1	8.8	260	35	23 Dec 13	240	58	23 Dec 1306
Bedfordshire	Bedford	93	12	10	1	1	44	294	2697	4755	1004	9	9.2	260	35	23 Dec 12	250	64	23 Dec 1230
Essex	Shoeburyness	12	10	10	0	0	22	103	2463	4832	1362	0	8.4	200	30	9 Jan 19	270	54	23 Dec 1348
	Stansted	108	10	10	0	0	42	191	2402	4672	1489	6	8.5	190	32	8 Jan 19	260	63	23 Dec 1242
	Walton On Naze	10	10	10	2	5	49	330	3403	4041	981	0	10.1	190	36	8 Jan 17	210	55	23 Dec 1318
4 Midland Counties																			
West Yorkshire	Leeds Weather Centre	43	10	10	6	21	44	244	1821	4956	1717	1	7.9	270	42	8 Jan 22	270	72	8 Jan 2230
														280	42	7 Nov 19	280	72	23 Dec 1018
	Wilsden	272	10	10	4	10	34	229	2498	4221	1527	275	8.8	230	38	8 Jan 21	240	67	8 Jan 2148
South Yorkshire	Finningley	19	10	10	2	3	32	119	2142	4347	2149	0	7.8	230	38	8 Jan 21	230	63	8 Jan 2124
	High Bradfield	405	10	10	41	292	120	853	3282	2954	742	637	13.1	270	58	8 Jan 21	250	81	8 Jan 2100
	Sheffield University	146	29	15	0	0	24	91	1932	4619	2088	30	7.4	270	31	6 Jan 07	270	68	8 Jan 2130
Nottinghamshire	Nottingham Weather Centre	133	16	10	0	0	13	46	1954	5180	1580	0	7.6	230	29	8 Jan 20	250	63	23 Dec 1100
														250	29	23 Dec 11			
Staffordshire	Cellarhead	241	13	8	0	0	11	50	1617	4910	2140	43	7.0	240	31	5 Jan 21	250	60	23 Dec 1048
	Keele	152	10	10	1	1	24	105	2325	4583	1746	0	8.1	250	36	8 Jan 19	290	59	23 Dec 1042
Shropshire	Shawbury	84	12	10	2	5	30	124	2034	4325	2272	0	7.5	240	36	5 Jan 22	240	57	5 Jan 1842
West Midlands	Birmingham Elmdon Airport	108	10	10	0	0	9	39	1683	5147	1888	3	7.1	240	29	5 Jan 22	220	53	8 Jan 1918
																	240	53	23 Dec 1118
Hereford & Worcs	Preston Wynne	97	13	13	Defective record														
Oxfordshire	Benson	67	10	10	0	0	15	52	1776	4243	2689	0	6.9	180	27	4 Apr 08	240	50	23 Dec 1206
														260	27	23 Dec 12			
	Brize Norton	91	13	10	0	0	11	29	2124	4900	1705	2	7.7	020	30	19 Nov 10	250	58	23 Dec 1154
	Oxford	113	50	22	1	2	32	178	2176	4582	1307	515	8.5	260	34	6 Jan 01	250	62	23 Dec 1154

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District / Region/County and Place		Height of vane in metres			Distribution of hourly mean values of wind speed							Mean hourly wind speed (kn)	Highest values					
					34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust		
		Above MSL	Above ground	Effective	Number of days	Number of hours	Number of days	Number of hours				Hours of no record	Veer from N	Speed-kn	Date Hour beginning	Veer from N	Speed-kn	Date Time
5 England S E & Central S																		
Greater London	Heathrow Airport	34	10	10	0	0	5	8	1106	4226	3420	0	5.7	210	25	8 Jan 18	270	50	23 Dec 1242
	London Weather Centre	93	70	38	0	0	30	124	3033	4980	619	4	9.5	250	32	23 Dec 12	210	60	9 Jan 1906
																	270	60	23 Dec 1242
	Northolt	49	15	12	0	0	9	27	1455	4428	2848	2	6.4	230	26	23 Dec 12	250	56	23 Dec 1236
Wiltshire	Boscombe Down	130	17	17	1	2	37	196	2426	4790	1338	8	8.6	270	36	23 Dec 12	230	62	5 Jan 1500
	Larkhill	155	10	10	2	11	26	112	1879	4959	1734	65	7.6	270	37	23 Dec 12	270	62	23 Dec 1242
	Lyneham	156	10	10	2	3	26	124	2313	5093	1224	3	8.4	250	36	23 Dec 11	230	71	23 Dec 1142
Kent	East Malling	33	12	10	0	0	2	2	603	2913	5204	38	3.7	200	23	8 Jan 18	200	53	8 Jan 1836
	Gravesend	25	20		0	0	7	26	1720	4878	1900	236	7.0	030	26	19 Nov 12	210	52	8 Jan 1954
																	210	52	18 Dec 0512
	Langdon Bay	117	12	12	16	85	103	761	4109	3062	725	18	12.4	180	47	8 Jan 16	210	71	8 Jan 2054
	Lydd Ranges	1	10	10	Defective record														
	Manston	62	10	10	1	2	30	153	2385	4650	1570	0	8.3	190	35	8 Jan 19	180	61	8 Jan 1936
	Sheerness	50	44	10	20	86	130	1108	3944	2923	682	17	13.1	210	44	1 Jan 22	210	66	8 Jan 1842
Hampshire	Farnborough	75	10	10	0	0	6	36	1227	4470	2870	157	6.1	260	30	23 Dec 13	260	62	23 Dec 1324
	Middle Wallop	94	10	10	2	3	25	133	2098	4444	1754	328	7.9	270	35	23 Dec 12	200	58	8 Jan 1730
West Sussex	Gatwick Airport	69	13	13	0	0	7	21	1240	4704	2795	0	6.1	260	29	23 Dec 13	210	52	1 Jan 2236
	Shoreham-by-Sea	21	11	15	Defective record														
East Sussex	Herstmonceux	27	10	10	4	11	43	277	1889	3988	2595	0	7.8	210	37	8 Jan 19	210	57	8 Jan 2012
7a England N W & I O M																			
Cumbria	Carlisle	41	15	9	1	6	45	269	1948	4046	2491	0	7.7	230	38	5 Jan 18	230	61	5 Jan 1848
	Eskmeals	24	16	10	2	9	43	218	2608	3696	2215	14	8.4	220	42	5 Jan 17	210	65	5 Jan 1648
	Great Dun Fell	857	10	10	Defective record														
	Sellafield	22	10	10	4	15	50	268	2279	4072	2098	28	8.3	230	41	5 Jan 17	180	70	12 Nov 1606
Lancashire	Aughton	68	14	10	2	4	26	124	1930	4994	1699	9	7.8	230	36	5 Jan 19	280	62	8 Jan 2042
	Fleetwood	34	15	9	Defective record														
	Squires Gate Airport	22	12	11	7	38	75	559	3251	3920	984	8	10.6	240	47	5 Jan 19	240	72	5 Jan 1930
Merseyside	Aigburth	38	23	11	2	4	25	179	1854	5335	1209	179	8.1	210	37	23 Dec 07	250	57	23 Dec 1012
Greater Manchester	Manchester																		
	Ringway Airport	80	10	10	0	0	21	89	2177	4525	1966	3	7.8	250	31	8 Jan 20	240	59	8 Jan 2036
Isle Of Man	Point-of-Ayre	20	10	10	9	50	113	862	4032	3259	542	15	12.4	230	44	5 Jan 16	230	70	5 Jan 1636
																	240	70	12 Nov 1548
	Ronaldsway	25	10	10	8	41	103	845	3828	3303	743	0	12.0	220	46	5 Jan 16	180	79	12 Nov 1506
7b Wales N																			
Gwynedd	Trawsfynydd	192	10	10	Defective record														
	Valley	26	16	12	10	50	91	817	2940	3191	1757	5	10.5	170	46	12 Nov 14	240	73	5 Jan 1912
8a Wales South																			
Dyfed	Aberporth	144	10	10	24	134	139	1170	3650	3104	700	2	13.1	260	45	5 Jan 23	230	81	12 Nov 1454
														180	45	12 Nov 13			
														300	45	23 Dec 11			
	Brawdy	121	10	10	10	45	81	720	3865	3604	524	2	11.9	180	43	12 Nov 13	200	69	12 Nov 1412
	Milford Haven	50	13	10	9	40	72	608	3302	3744	1046	20	10.8	270	41	5 Jan 13	270	69	5 Jan 0918
														180	41	12 Nov 13			
Mid Glamorgan	Cilfynydd	210	16	16	0	0	31	177	1755	3852	2932	44	7.0	260	33	21 Dec 12	270	61	5 Jan 1200
South Glamorgan	Rhoose Airport	74	10	10	5	21	55	405	3076	4219	1031	8	9.9	260	39	23 Dec 11	300	62	20 Dec 0524
8b England S W																			
Avon	Avonmouth	28	19	10	9	24	83	596	3335	3818	983	4	10.8	250	40	5 Jan 21	240	57	5 Jan 2054
	Bristol Weather Centre	55	44	13	0	0	15	54	1283	4793	2524	106	6.3	250	32	23 Dec 11	250	65	23 Dec 1100
	Oldbury-on-Severn	19	9		0	0	8	17	1352	4064	2688	639	6.3	250	29	23 Dec 11	250	49	23 Dec 1106
Somerset	Hinkley Point	30	10	10	2	3	51	329	2604	4519	1219	86	9.2	290	36	23 Dec 12	290	63	23 Dec 1230
	Yeovilton	34	12	10	1	3	33	161	1852	3977	2620	147	7.3	310	41	23 Dec 14	300	60	23 Dec 1348
Dorset	Hurn Airport	23	13	11	1	1	28	123	1908	4597	2131	0	7.5	190	37	1 Jan 18	260	53	23 Dec 1230
	Portland Bill C G	60	13	13	14	67	110	971	4090	3021	570	41	12.7	290	43	23 Dec 13	290	72	23 Dec 1254
Devon	Burrington	211	10	10	7	18	73	556	3666	3631	754	135	11.1	240	37	8 Jan 17	230	64	5 Jan 0548
	Chivenor	16	10	10	2	9	58	468	2881	4160	1229	13	9.8	260	35	5 Jan 18	250	63	5 Jan 1454
														290	35	23 Dec 12			
	Exeter	35	10	10	0	0	14	53	857	1823	891	0	7.7	210	30	8 Jan 14	270	61	5 Jan 1936
Cornwall	Camborne	98	10	10	10	42	120	921	3962	2998	833	4	12.3	210	39	1 Jan 17	260	73	5 Jan 1824
	Culdrose	104	23	20	35	163	165	1289	4165	2635	508	0	14.0	210	45	1 Jan 18	200	72	5 Jan 0330
	Gwennap Head	76	10		27	124	158	1397	4564	2162	328	185	14.8	210	52	8 Jan 11	210	77	5 Jan 0448
																	200	77	12 Nov 1406
	St Mawgan	120	13	13	3	7	73	626	3357	3986	784	0	11.0	260	35	5 Jan 20	250	61	5 Jan 2348
														280	35	20 Dec 07			
Channel Islands																			
	Guernsey Airport	116	12	12	4	5	66	614	4232	3443	466	0	11.9	280	35	21 Dec 14	270	64	5 Jan 1630
	Jersey Airport	94	12	10	1	3	61	488	4193	3541	535	0	11.4	300	35	20 Dec 10	270	59	5 Jan 2206
Northern Ireland																			
Londonderry	Ballykelly	12		10	Defective record														
	Coleraine University	30	10	10	0	0	26	76	2248	4526	1749	161	8.0	220	30	5 Jan 12	220	52	5 Jan 1218
Antrim	Aldergrove	80	10	10	1	1	40	178	2560	4531	1490	0	8.6	200	36	5 Jan 12	200	53	5 Jan 1154
	Ballypatrick Forest	165	13	13	0	0	37	170	3170	3920	1137	363	9.5	220	31	5 Jan 11	210	59	5 Jan 1024
	Belfast Harbour	21	18	18	Defective record														

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District / Region/County and Place	Height of vane in metres			Distribution of hourly mean values of wind speed								Highest values					
				34 kn or more (Gale force)		22-33kn	11-21 kn	4-10 kn	Less than 4kn			Hourly wind			Gust		
	Above MSL	Above ground	Effective	Number of days	Number of hours	Number of days	Number of hours				Hours of no record	Mean hourly wind speed (kn)	Veer from N	Speed-kn	Date Hour beginning	Veer from N	Speed-kn	Date Time
Northern Ireland (Continued)																		
Down																		
Kilkeel	36	19	14	Defective record														
Killough	31	15	15	29	121	126	1107	3950	2735	569	278	13.5	260	47	5 Jan 15	260	72	5 Jan 1524
Long Kesh	47	10	10	0	0	11	39	1725	4674	2319	3	6.9	290	30	17 Oct 12	230	53	5 Jan 1324
																160	53	31 Oct 0236
Orlock Head	51	16	12	16	63	125	915	3980	3096	483	223	12.7	200	40	5 Jan 14	290	71	17 Oct 0224
													240	40	12 Jun 16			
													270	40	17 Oct 12			
Tyrone																		
Fermanagh																		
Carrigans	129	10	10	2	3	45	267	2610	3841	1746	293	8.9	130	36	31 Oct 01	130	62	31 Oct 0148
Castle Archdale Forest	79	13	13	0	0	12	37	1487	4452	2144	640	6.9	210	28	5 Jan 09	240	55	5 Jan 1524

Table 7 Number of hours with gusts exceeding 33 knots and 47 knots in each month

District Region/County and Place		Number of hours exceeding 33 knots													Number of hours exceeding 47 knots											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
O Scotland N																										
Shetland	Fair Isle	220	135	70	176	49	11	6	3	90	218	361	290	1629	49	27	5	10	14	5	0	0	7	77	65	105	364
	Lerwick	175	131	32	123	48	5	2	6	69	185	276	240	1292	33	1	3	5	14	0	0	0	5	34	35	75	205
	Sella Ness	110	88	24	98	45	0	8	4	98	202	292	243	1212	9	1	2	0	14	0	0	0	4	58	34	75	197
	Sumburgh	184	116	46	133	53	8	2	1	72	205	320	306	1446	28	10	5	4	15	0	0	0	4	36	42	117	261
Orkney	Kirkwall Airport	145	76	34	140	34	9	7	21	50	172	196	158	1042	23	0	4	7	12	0	0	0	8	32	14	46	146
Western Isles	Benbecula	235	44	40	125	5	1	5	26	135	208	248	153	1225	36	1	2	13	0	0	0	0	16	66	19	59	212
	Butt Of Lewis	208	73	55	175	52	3	13	72	159	200	345	241	1596	47	0	0	23	4	0	0	0	23	94	56	86	333
	Stornoway	160	36	16	72	15	0	2	22	68	127	145	126	789	13	0	0	3	0	0	0	0	6	27	23	28	100
Highland	Aviemore	70	15	14	67	12	0	2	4	40	64	82	55	425	2	0	0	3	0	0	0	0	0	3	3	5	16
	Dalcross	56	15	2	43	12	0	2	3	23	55	55	55	321	3	0	0	1	0	0	0	0	0	6	0	9	19
	Duirinish	153	38	30	128	16	0	–	17	–	177	226	–	–	25	1	0	13	0	0	–	0	–	66	45	–	–
	Invergordon Harbour	29	0	4	39	24	0	0	9	34	61	43	104	347	1	0	0	2	4	0	0	0	2	8	0	19	36
	Shin	17	6	1	17	15	0	1	2	15	34	3	50	161	0	0	0	0	1	0	0	0	0	0	0	4	5
	Wick	74	45	15	41	15	7	0	0	24	120	79	95	515	4	0	2	0	2	0	0	0	4	12	1	20	45
1 Scotland E																										
Grampian	Aberdeen, Dyce Airport	27	3	7	33	7	0	0	0	11	60	32	12	192	1	0	0	0	0	0	0	0	0	4	0	0	5
	Cairngorm	376	258	221	273	134	26	107	172	263	226	424	333	2813	245	84	54	145	55	1	14	52	145	131	221	200	1347
	Kinloss	30	4	7	48	11	0	3	3	21	83	32	61	303	0	0	0	0	0	0	0	0	0	6	0	9	15
	Lossiemouth	15	6	13	52	14	0	0	3	26	97	56	52	334	0	0	0	1	0	0	0	0	2	12	0	5	20
	Peterhead Harbour	–	–	13	73	7	2	0	3	33	152	147	64	–	–	–	0	0	0	0	0	0	1	25	11	2	–
Tayside	Mylnefield	22	1	6	10	1	0	0	0	6	26	5	8	85	1	0	0	0	0	0	0	0	0	0	0	0	1
	Tummel Bridge	4	2	1	10	–	0	0	1	22	47	13	26	–	0	0	0	0	–	0	0	0	0	6	0	1	–
	Perth Aerodrome	19	1	10	30	2	–	0	0	7	39	27	18	–	0	0	0	0	0	0	0	0	0	0	0	0	–
	Rannoch	–	4	3	23	5	–	0	–	39	53	43	78	–	–	0	0	0	0	–	0	–	4	8	0	5	–
Fife	Leuchars	62	3	14	48	4	0	10	14	29	72	61	52	369	4	0	1	0	0	0	0	0	1	23	2	5	36
Lothian	Edinburgh																										
	Turnhouse Airport	78	7	14	65	16	2	6	15	49	104	88	70	514	4	0	1	0	0	0	0	0	2	19	4	3	33
	Royal Observatory, Blackford Hill	220	50	40	159	14	11	27	36	104	135	216	135	1147	66	0	8	17	0	0	0	3	14	49	51	20	228
	Forth Road Bridge	180	70	33	107	28	14	16	29	75	118	149	149	968	63	1	10	7	0	0	0	0	4	41	8	29	163
	Leith	–	52	26	83	31	16	21	31	65	77	0	0	–	–	0	4	9	0	0	0	0	1	17	0	0	–
	Charter Hall	63	–	18	27	17	5	7	7	23	67	65	46	–	6	–	1	0	0	0	0	0	1	12	3	4	–
6 Scotland W																										
Strathclyde	Abbotsinch Airport	87	0	12	41	5	0	7	6	38	72	44	58	370	11	0	0	0	0	0	0	0	2	7	0	2	22
	Blairlinnans	51	2	14	–	–	0	–	1	33	63	–	16	–	2	0	0	–	–	0	–	0	0	9	–	0	–
	Dunstaffnage	67	2	14	28	0	0	0	0	26	76	55	97	365	3	0	0	0	0	0	0	0	0	24	0	22	49
	Greenock Port	191	13	34	139	13	11	28	24	66	94	155	114	882	84	0	2	16	0	0	0	0	5	42	15	20	184
	Inchterf	65	0	7	30	4	1	0	11	–	59	–	–	–	3	0	0	0	1	0	0	0	–	7	–	–	–
	Lowther Hill	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Machrihanish	156	16	35	78	0	12	7	0	50	118	189	106	767	33	0	1	6	0	0	0	0	0	47	8	22	117
	Prestwick Airport	113	3	8	35	2	6	0	0	40	76	72	77	432	12	0	0	0	0	0	0	0	1	16	3	8	40
	Salsburgh	155	23	40	150	–	16	15	33	86	112	179	98	–	24	0	3	12	–	0	0	0	8	38	16	21	–
	Tiree	293	56	48	117	0	12	3	4	86	215	246	147	1227	43	0	4	7	0	0	0	0	9	51	21	41	176
Dumfries & Galloway	Chapelcross	88	15	16	52	2	9	–	0	38	60	57	50	–	14	2	0	0	0	0	–	0	1	0	0	1	–
	Dumfries, Drungans	45	10	11	29	0	1	3	0	13	26	17	15	170	10	0	0	0	0	0	0	0	0	0	0	0	10
	Eskdalemuir	48	3	15	61	4	9	2	3	24	80	65	45	359	5	0	0	1	0	0	0	0	1	9	1	0	17
	West Freugh	95	0	9	45	1	13	0	0	15	72	38	–	–	18	0	0	0	0	0	0	0	0	13	1	–	–
	Whithorn	187	19	29	81	5	23	9	6	70	125	157	120	831	52	0	0	1	0	0	0	0	1	40	16	8	118
2 England E & N E																										
Northumberland	Blyth	–	–	19	–	–	20	–	–	–	69	–	–	–	–	–	1	–	–	0	–	–	–	20	–	–	–
	Boulmer	89	27	20	55	11	8	1	0	26	71	68	61	437	14	0	3	0	0	0	0	0	8	6	5	5	41
Tyne & Wear	South Shields	–	–	–	17	–	0	–	–	8	–	–	–	–	–	–	–	0	–	0	–	–	0	–	–	–	–
Durham	Burnhope	100	23	20	61	4	20	6	8	32	73	80	111	538	22	0	0	0	0	0	0	0	5	28	1	10	66
Cleveland	Hartlepool	72	75	22	88	7	14	7	0	30	–	21	12	–	13	0	1	0	0	0	0	0	0	–	1	0	–
North Yorkshire	Church Fenton	46	24	19	23	1	6	8	0	14	52	40	102	335	17	0	2	0	0	0	0	0	0	11	2	19	51
	Fylingdales	118	80	51	102	34	12	16	10	34	75	77	66	675	29	3	2	2	0	0	0	0	0	5	1	3	45
	Leeming	82	16	19	33	0	8	4	4	23	65	64	89	407	21	0	1	0	0	0	0	0	1	12	9	15	59
	Linton-on-Ouse	56	14	16	25	0	2	3	0	18	49	45	44	272	16	0	2	0	0	0	0	0	0	7	1	2	28
Humberside	Bridlington MRSC	180	152	–	58	114	–	–	0	1	1	10	42	–	100	37	–	0	10	–	–	0	0	0	0	1	–
	Spurn Point	70	68	34	96	38	14	14	–	16	66	125	98	–	10	4	1	3	0	0	0	0	–	0	3	4	4	–
Lincolnshire	Coningsby	64	31	12	23	1	6	4	4	4	41	33	32	255	13	0	0	0	0	0	0	0	0	1	0	1	15
	Cranwell	78	46	26	32	0	6	6	4	12	46	57	62	375	16	0	0	1	0	0	0	0	0	3	1	4	25
	Scampton	58	25	9	11	0	0	2	1	3	40	21	54	224	12	0	0	0	0	0	0	0	0	0	0	1	13
	Waddington	71	23	15	21	1	3	4	4	5	49	46	39	281	19	0	1	0	0	0	0	0	0	0	0	3	23
3 East Anglia																										
Norfolk	Coltishall	91	24	16	53	12	5	0	3	0	22	38	35	299	21	0	0	0	0	0	0	0	0	0	0	3	24
	Gorleston	–	70	30	90	–	–	–	8	6	–	68	46	–	–	0	0	2	–	–	–	0	0	–	12	1	–
	Hemsby	76	40	20	47	14	8	1	6	3	53	75	58	401	17	0	0	0	0	0	0	0	0	4	1	5	27
	Marham	67	23	11	33	3	7	8	3	9	39	61	43	307	13	0	0	0	0	0	0	0	0	3	0	5	21
Cambridgeshire	Wittering	70	23	13	27	0	7	2	4	4	30	47	48	275	12	0	0	0	0	0	0	0	0	1	0	4	17
	Wyton	54	13	7	5	4	1	0	1	2	23	37	34	181	7	0	0	0	0	0	0	0	0	0	0	1	8
Suffolk	Honington	68	19	8	16	0	5	0	4	1	29	33	53	236	3	0	0	0	0	0	0	0	0	0	0	2	5
	Wattisham	70	19	6	24	1	6	1	4	2	23	35	53	244	7	0	0	0	0	0	0	0	0	0	0	2	9
Bedfordshire	Bedford	70	43	14	28	0	9	1	0	4	35	54	58	316	16	0	0	0	0	0	0	0	0	1	1	4	22
Essex	Shoeburyness	57	9	8	20	0	0	0	5	2	11	21	33	166	5	0	0	0	0	0	0	0	0	0	0	1	6
	Stansted	66	14	5	10	0	7	2	4	1	13	24	31	177	2	0	0	0	0	0	0	0	0	0	1	3	6
	Walton On Naze	57	11	23	34	0	1	0	8	1	23	40	57	255	4	0	0	0	0	0	0	0	0	0	4	2	10
4 Midland Counties																										
West Yorkshire	Leeds Weather Centre	73	19	27	38	3	28	21	13	43	70	76	121	532	25	0	5	1	0	0	0	0	0	33	18	21	103
	Wilsden	65	–	20	22	0	5	1	1	–	48	70	132	–	15	–	0	0	0	0	0	0	–	2	5	29	–
South Yorkshire	Finningley	49	10	14	21	1	3	7	0	10	40	21	52	228	17	0	1	0	0	0	0	0	0	2	0	2	22
	High Bradfield	158	–	–	111	20	–	40	10	77	95	–	–	–	53	–	–	14	0	–	0	0	11	39	–	–	–
	Sheffield University	64	49	32	48	5	13	3	1	27	53	75	119	489	18	3	4	1	0	0	0	0	0	7	0	18	51

Table 7 Number of hours with gusts exceeding 33 knots and 47 knots in each month

District Region/County	and Place	Number of hours exceeding 33 knots													Number of hours exceeding 47 knots											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Nottinghamshire	Nottingham Weather Centre	61	31	11	21	1	5	2	2	7	32	35	42	250	11	2	0	0	0	0	0	0	0	0	0	2	15
Staffordshire	Cellarhead	44	7	4	11	0	0	0	0	0	30	7	79	182	7	0	0	0	0	0	0	0	0	0	0	6	13
	Keele	53	15	8	11	0	2	0	0	4	37	11	41	182	13	0	0	0	0	0	0	0	0	0	1	2	16
Shropshire	Shawbury	49	13	20	16	0	0	2	0	5	24	21	60	210	13	0	0	0	0	0	0	0	0	0	1	3	17
West Midlands	Birmingham Elmdon Airport	47	2	1	6	0	0	0	0	1	14	12	26	109	7	0	0	0	0	0	0	0	0	0	0	1	8
Hereford & Worcs	Preston Wynne	–	–	–	–	–	2	0	0	3	24	–	–	–	–	–	–	–	–	0	0	0	0	0	–	–	–
Oxfordshire	Benson	39	6	2	9	0	1	0	0	0	10	15	22	104	0	0	0	0	0	0	0	0	0	0	1	1	1
	Brize Norton	40	4	0	8	0	1	0	0	0	8	23	34	118	0	0	0	0	0	0	0	0	0	1	1	2	2
	Oxford	84	–	23	36	0	–	5	0	–	21	69	60	–	10	–	0	0	0	–	0	0	–	1	1	5	–
5 England S E & Central S																											
Greater London	Heathrow Airport	41	6	1	11	0	0	0	0	0	7	5	11	82	0	0	0	0	0	0	0	0	0	0	0	1	1
	London Weather Centre	79	29	11	40	5	14	0	4	3	28	60	63	336	9	0	0	0	0	0	0	0	0	1	2	12
	Northolt	49	1	1	6	0	2	0	0	0	8	13	19	99	1	0	0	0	0	0	0	0	0	0	2	3
Wiltshire	Boscombe Down	62	29	7	31	0	5	2	0	0	23	34	61	254	8	0	0	1	0	0	0	0	0	0	11	20
	Larkhill	56	27	5	23	0	0	1	0	0	23	32	–	–	5	0	0	0	0	0	0	0	0	1	–	–
	Lyneham	66	6	13	27	1	5	0	0	2	19	62	85	286	5	0	0	0	0	0	0	0	0	2	12	19
Kent	East Malling	48	8	7	12	1	1	0	2	0	4	13	21	117	2	0	0	0	0	0	0	0	0	0	0	2
	Gravesend	55	12	8	15	1	4	–	0	1	10	19	25	–	3	0	0	0	0	0	–	0	0	0	1	–
	Langdon Bay	171	82	43	127	20	35	7	17	42	68	147	112	871	56	4	1	7	0	0	0	0	5	38	12	123
	Lydd Ranges	–	24	8	20	–	–	–	–	–	–	–	–	–	–	0	0	0	–	–	–	–	–	–	–	–
	Manston	71	13	14	18	6	4	0	7	1	14	45	29	222	16	0	0	0	0	0	0	0	0	2	1	19
	Sheerness	134	77	48	82	37	46	13	13	21	72	121	118	782	52	2	9	7	0	0	0	2	1	7	16	16	112
Hampshire	Farnborough	43	9	4	14	0	1	0	0	0	3	14	–	–	3	0	0	0	0	0	0	0	0	0	0	–	–
	Middle Wallop	–	21	6	27	–	1	1	–	0	18	33	56	–	–	0	0	1	–	0	0	–	0	0	0	8	–
West Sussex	Gatwick Airport	43	2	1	6	0	0	0	0	0	0	10	8	70	2	0	0	0	0	0	0	0	0	0	0	0	2
	Shoreham-by-Sea	137	36	27	–	–	–	–	20	26	43	120	–	–	47	3	1	–	–	–	–	1	0	0	15	–	–
East Sussex	Herstmonceux	108	27	24	23	0	21	1	8	9	16	81	58	376	33	0	0	0	0	0	0	0	0	0	2	7	42
7a England N W & I O M																											
Cumbria	Carlisle	81	17	19	46	2	13	9	2	42	70	61	71	433	9	4	0	0	0	1	0	0	1	6	5	12	38
	Eskmeals	114	22	24	24	0	9	14	0	19	84	86	61	457	21	0	0	1	0	0	0	0	0	24	5	0	51
	Great Dun Fell	–	–	–	312	153	191	212	143	215	264	–	225	–	–	–	–	127	12	37	35	17	94	115	–	90	–
	Sellafield	91	7	6	17	3	4	0	0	15	73	75	55	346	17	0	0	0	0	0	0	0	1	22	3	4	47
Lancashire	Aughton	62	23	12	29	4	5	4	2	12	60	50	85	348	17	0	0	0	0	0	0	0	0	10	0	5	32
	Fleetwood	–	16	–	–	–	–	–	5	–	–	–	55	–	–	2	–	–	–	–	–	0	–	–	–	1	–
	Squires Gate Airport	108	21	9	25	1	9	12	8	40	63	90	113	499	26	0	0	0	0	0	0	0	1	22	5	12	66
Merseyside	Aigburth	27	1	5	3	0	0	0	0	3	34	–	–	–	1	0	0	0	0	0	0	0	0	10	–	–	–
Greater Manchester	Manchester Ringway Airport	28	4	2	5	0	0	1	0	4	33	11	54	142	9	0	0	0	0	0	0	0	0	2	1	0	12
Isle Of Man	Point-of-Ayre	169	34	41	93	2	18	11	7	58	112	167	138	850	39	3	0	1	0	0	0	0	2	38	14	15	112
	Ronaldsway	170	33	26	77	13	13	4	0	43	109	173	106	767	39	0	0	0	0	0	0	0	0	25	14	2	80
7b Wales N																											
Gwynedd	Trawsfynydd	–	–	18	34	0	15	7	0	15	–	–	28	–	–	–	2	0	0	0	0	0	0	–	–	0	–
	Valley	99	29	27	37	0	16	8	10	25	103	148	92	594	26	0	0	4	0	0	0	0	0	11	17	3	61
8a Wales South																											
Dyfed	Aberporth	139	69	87	176	7	68	30	18	63	131	262	163	1213	60	25	7	14	0	1	0	0	2	29	28	69	235
	Brawdy	139	44	41	70	7	10	15	9	36	99	170	128	768	43	0	0	4	0	0	0	0	1	10	18	20	96
	Milford Haven	168	55	67	70	0	22	12	28	33	79	171	123	828	56	0	1	4	0	0	0	2	0	8	27	9	107
Mid Glamorgan	Cilfynydd	86	23	13	43	0	17	1	4	2	10	12	79	290	21	9	0	0	0	0	0	0	0	0	0	15	45
South Glamorgan	Rhoose Airport	81	6	14	50	3	22	7	10	17	42	121	100	473	24	0	0	2	0	0	0	0	0	1	6	18	51
8b England S W																											
Avon	Avonmouth	96	19	17	46	4	31	11	4	8	35	65	88	424	19	0	0	0	0	0	0	0	0	0	1	0	20
	Bristol Weather Centre	77	13	13	32	2	–	1	2	2	28	32	61	–	19	0	0	1	0	–	0	0	0	0	1	3	–
	Oldbury-on-Severn	20	–	–	6	0	0	–	0	–	5	11	5	–	0	–	–	0	0	0	–	0	–	0	0	1	–
Somerset	Hinkley Point	79	36	12	52	2	8	1	3	–	74	79	97	–	19	0	0	0	0	0	0	0	–	8	3	8	–
	Yeovilton	41	8	–	20	0	2	0	0	1	17	45	57	–	2	0	–	0	0	0	0	0	0	1	3	6	–
Dorset	Hurn Airport	65	25	2	37	0	7	0	7	0	13	31	30	217	5	0	0	0	0	0	0	0	0	0	0	3	8
	Portland Bill C G	139	34	13	73	0	25	2	9	27	89	157	138	706	25	0	1	3	0	1	1	0	4	8	8	36	87
Devon	Burrington	130	54	47	90	–	53	22	13	18	75	127	133	–	44	5	0	9	–	0	0	0	0	4	5	52	–
	Chivenor	92	32	9	36	0	17	4	3	6	51	110	104	464	23	4	0	0	0	0	0	0	0	0	1	11	39
	Exeter	47	14	8	17	0	–	–	–	–	–	–	–	86	5	0	0	0	0	–	–	–	–	–	–	–	5
Cornwall	Camborne	176	87	78	122	30	47	73	44	55	127	263	167	1269	66	5	0	12	0	0	0	3	5	12	32	36	171
	Culdrose	165	64	50	80	42	82	78	69	54	136	259	196	1275	57	2	2	18	7	0	2	14	3	16	75	43	239
	Gwennap Head	249	110	87	127	29	73	–	35	57	161	324	170	–	93	14	2	29	0	1	–	6	4	24	122	26	–
	St Mawgan	130	47	29	60	7	15	17	8	12	46	152	106	629	36	0	0	1	0	0	0	0	0	5	6	13	61
Channel Islands																											
	Guernsey Airport	121	15	24	57	14	3	0	4	4	56	178	110	586	14	0	0	1	0	0	0	0	0	0	12	13	40
	Jersey Airport	94	5	22	59	7	5	1	2	8	51	177	94	525	8	0	1	0	0	0	0	0	0	0	12	6	27
Northern Ireland																											
Londonderry	Ballykelly	162	11	29	98	–	–	–	–	44	–	–	97	–	35	0	1	1	–	–	–	–	2	–	–	11	–
	Coleraine University	63	5	14	30	0	–	0	0	22	62	24	65	–	5	0	0	0	0	–	0	0	0	1	0	0	–
Antrim	Aldergrove	51	2	9	22	0	6	0	0	13	51	47	30	231	7	0	0	0	0	0	0	0	0	6	0	2	15
	Ballypatrick Forest	120	11	–	61	0	6	8	2	18	95	–	99	–	21	0	–	0	0	0	0	0	1	16	–	6	–
	Belfast Harbour	–	–	–	39	4	3	–	0	18	60	42	70	–	–	–	–	0	0	0	–	0	0	1	0	0	–
Down	Kilkeel	–	–	–	–	28	33	–	3	–	–	159	–	–	–	–	–	–	2	4	–	0	–	–	23	–	–
	Killough	152	34	58	114	0	–	8	2	–	133	203	115	–	37	0	0	10	0	–	0	0	–	22	34	5	–
	Long Kesh	44	1	8	16	0	6	0	0	7	41	39	23	185	7	0	0	0	0	0	0	0	0	7	0	0	14
	Orlock Head	126	29	64	147	19	32	13	4	71	160	212	–	–	26	0	7	11	0	5	0	0	2	55	22	–	–
Tyrone	Carrigans	52	3	20	–	0	4	1	0	14	73	60	64	–	16	0	1	–	0	0	0	0	0	10	0	1	–
Fermanagh	Castle Archdale Forest	42	0	2	–	0	5	–	0	5	41	24	50	–	7	0	0	–	0	0	–	0	0	2	0	0	–

Table 8 Dates on which gusts exceeded 47 knots

The time of occurrence of the maximum gust each month can be found by reference to Table 6 of the appropriate part of the *Monthly Weather Report*

District and Place	Dates
O Scotland N	
Fair Isle	Jan 1-3 5 15-19; Feb 3 4 26-28; Mar 5; Apr 4 7 8; May 21; Jun 9; Sep 21 24; Oct 3 4 6 7 16-19 30 31; Nov 3-5 7 10-14 18 25 26 28; Dec 12 13 17-20 22 23 26 29 31;
Lerwick	Jan 1-3 18-20; Feb 27; Mar 5; Apr 2 8; May 21; Sep 24; Oct 3 4 17 18 31; Nov 4 7 10 11 13 14 26; Dec 12 13 17-20 22 23 25 26 29 31;
Sella Ness	Jan 1 18 19; Feb 26; Mar 5; May 21; Sep 18 19 24; Oct 3 4 17 18 31; Nov 4 6 7 11 13 28; Dec 13 17-20 22 23 25 26 29 31;
Sumburgh	Jan 1-3 16 18 19; Feb 3 26; Mar 5; Apr 4 8 16; May 21 22; Sep 24; Oct 3 16-18 31; Nov 6 7 10 11 13 14 28; Dec 4 13 14 17-20 22 23 25 26 29 31;
Kirkwall Airport	Jan 1 2 4 15-18; Mar 4 5; Apr 7 8; May 21; Sep 24; Oct 3 16-18 31; Nov 3 4 11 13; Dec 17-20 22 23 25 26 31;
Benbecula	Jan 1-5 17-19; Feb 20; Mar 4 18; Apr 2 6-8 11; Sep 16 21 22 24; Oct 1-4 6 16 17 31; Nov 10 11 23 25 29; Dec 17-20 22 23 31;
Butt Of Lewis	Jan 1-3 14 16-19; Apr 2 7-9 11 18; May 21; Sep 13 14 18 19 21 23 24; Oct 1-4 6 16-18 31; Nov 4 6 7 10-14 18 24-26 28-30; Dec 13 17-20 22 23 25 31;
Stornoway	Jan 1-3 13 16 18 19; Apr 11; Sep 24; Oct 1-3 6 16 17; Nov 10-12 25-27 29; Dec 13 17-19 22 31;
Aviemore	Jan 18; Apr 11; Oct 16; Nov 24; Dec 22 31;
Dalcross	Jan 18; Apr 8; Oct 1 16; Dec 19 22 31;
Duirinish	Jan 1-4 19 20; Feb 23; Apr 2 7 8 11; Oct 1-4 6 7 15-18; Nov 10-12 23-29; (Defective Jul Sep Dec)
Invergordon Harbour	Jan 2; Apr 11; May 21; Sep 17; Oct 1 16 17; Dec 13 19 22 25 31;
Shin	May 21; Dec 19 22 31;
Wick	Jan 18; Mar 4; May 21; Sep 24; Oct 17 31; Nov 13; Dec 18-20 22 26 31;
1 Scotland E	
Aberdeen, Dyce Airport	Jan 18; Oct 17 31;
Cairngorm	Jan 1-5 8 10 11 13-20; Feb 3 6 18-25; Mar 2 4 5 18 19 29-31; Apr 1 2 4 6-11 24; May 12 15 19-21; Jun 9; Jul 9 13 14; Aug 4 9-11 15 20; Sep 13 14 16-24 30; Oct 1-4 6 7 15-17 31; Nov 1 2 6-8 10-13 20-28 30; Dec 12-14 16-22 25 26 28-31;
Kinloss	Oct 1 16 17 31; Dec 19 22 31;
Lossiemouth	Apr 6; Sep 24; Oct 1 16 17 31; Dec 19 31;
Mylnefield	Jan 5;
Tummel Bridge	Oct 16 17; Dec 31; (Defective May)
Perth Aerodrome	(Defective Jun)
Rannoch	Sep 23 24; Oct 1 16; Dec 18 19; (Defective Jan Jun Aug)
Leuchars	Jan 1 3 5; Mar 19; Sep 23; Oct 1 3 4 16 17; Nov 12; Dec 17 22;
Edinburgh Turnhouse Airport	Jan 1 2 5; Mar 19; Sep 23; Oct 1 16 17; Nov 10 12; Dec 20 22 31;
Royal Observatory, Blackford Hill	Jan 1-5 10 19 20; Mar 18 19; Apr 7 8 10 11; Aug 5 9; Sep 21 23 24; Oct 1-4 6 16 17; Nov 1 2 6 10 12 23-27; Dec 17 22 25;
Forth Road Bridge	Jan 1-6 10 19 20; Feb 26; Mar 19; Apr 7 8; Sep 21 23 24; Oct 1 3 4 16 17; Nov 6 10 12 18; Dec 17-20 22 25 31;
Charter Hall	Jan 1 5; Mar 19; Sep 24; Oct 1 4 16 17; Nov 12; Dec 22 31; (Defective Feb)
6 Scotland W	
Abbotsinch Airport	Jan 1 2 4 5 20; Sep 23 24; Oct 3 16; Dec 18 31;
Blairlinnans	Jan 4 5; Oct 3 16 17; (Defective Apr May Jul Nov)
Dunstaffnage	Jan 3-5; Oct 1 16 17; Dec 17-19 23;
Greenock Port	Jan 1-6 10 18-20; Mar 19; Apr 7 8 10 11; Sep 14 21 23 24; Oct 1-3 6 7 16 17; Nov 10-12 23 27; Dec 17-20 22 23 31;
Inchterf	Jan 2 5; May 21; Oct 1 16 17; (Defective Sep Nov Dec)
Lowther Hill	(Missing Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec)
Machrihanish	Jan 2 4-6 10 18; Mar 4; Apr 4 6; Oct 1 16 17 31; Nov 10-12 24; Dec 17-20 23;
Prestwick Airport	Jan 2 5 6 10; Sep 23; Oct 1 16 17 31; Nov 10 12; Dec 18-20 22 23;
Salsburgh	Jan 2 4 5; Mar 19; Apr 6 7 10 11; Sep 17 21 23 24; Oct 1 3 4 6 7 16 17 31; Nov 10 12 24 25; Dec 18-20 22 31; (Defective May)
Tiree	Jan 1-6 18; Mar 4; Apr 4 6 7; Sep 23 24; Oct 1-3 6 16 17 30 31; Nov 10-12 25; Dec 17-20 22 23 31;
Chapelcross	Jan 1 2 5; Feb 24; Sep 24; Dec 22; (Defective Jul)
Dumfries, Drungans	Jan 2 5;
Eskdalemuir	Jan 1 5; Apr 11; Sep 24; Oct 1 16 17; Nov 12;
West Freugh	Jan 2 5 6; Oct 1 16 17 31; Nov 12; (Defective Dec)
Whithorn	Jan 1 2 4-7 9 10; Apr 4; Sep 24; Oct 1 3 16 17 31; Nov 1 10 12; Dec 18-20 23;

Table 8 Dates on which gusts exceeded 47 knots

The time of occurrence of the maximum gust each month can be found by reference to Table 6 of the appropriate part of the *Monthly Weather Report*

District and Place	Dates
2 England E & N E	
Boulmer	Jan 2 4 5 10; Mar 19; Sep 24; Oct 1 17 31; Nov 12; Dec 17 19 23 26;
Burnhope	Jan 1 2 5 6; Sep 23 24; Oct 1 16 17; Nov 7; Dec 17 19 20 22 23 26;
Hartlepool	Jan 1 2 5 6; Mar 19; Nov 12; (Defective Oct)
Church Fenton	Jan 2 5 6 8; Mar 20 21; Oct 1 17; Nov 7 12; Dec 17 19 20 22 23;
Fylingdales	Jan 1 2 5 6 8 9; Feb 21 22; Mar 19; Apr 19; Oct 1 16 17 31; Nov 2; Dec 22 23;
Leeming	Jan 2 5 6 8 9; Mar 19; Sep 24; Oct 1 16 17; Nov 7 12; Dec 17 19 20 22 23 25;
Linton-on-Ouse	Jan 2 5 6 8; Mar 19 21; Oct 1 16 17 31; Nov 12; Dec 23;
Bridlington MRSC	Jan 4-8 23; Feb 1-6 10 18; May 4 6; Dec 12; (Defective Mar: Missing Jun Jul)
Spurn Point	Jan 6 8 9; Feb 7; Mar 21; Apr 4; Oct 17 31; Nov 4 12; Dec 19 23; (Defective Aug)
Coningsby	Jan 2 5 6 8; Oct 1; Dec 23;
Cranwell	Jan 5 6 8; Apr 2; Oct 17; Nov 11; Dec 23;
Scampton	Jan 5 6 8; Dec 23;
Waddington	Jan 5 6 8 9; Mar 20; Dec 23;
3 East Anglia	
Coltishall	Jan 2 5 6 8-10; Dec 23;
Gorleston	Apr 4; Nov 12 19; Dec 23; (Defective Jan May Jun Jul Oct)
Hemsby	Jan 5 6 8 10; Oct 17; Nov 19; Dec 17 23;
Marham	Jan 5 6 8 10; Oct 17; Dec 17 23;
Wittering	Jan 5 6 8 10; Oct 17; Dec 20 23;
Wyton	Jan 5 6 8; Dec 23;
Honington	Jan 6 8; Dec 23;
Wattisham	Jan 5 6 8; Dec 23;
Bedford	Jan 5 6 8-10; Oct 17; Nov 1; Dec 20 23;
Shoeburyness	Jan 5 7-9; Dec 23;
Stansted	Jan 5 8; Nov 12; Dec 17 23;
Walton on Naze	Jan 5 6 8; Nov 12 19; Dec 23;
4 Midland Counties	
Leeds Weather Centre	Jan 2 5 6 8-10; Mar 19-21; Apr 7; Oct 1 16 17; Nov 2 7 10 12; Dec 19-23 26;
Wilsden	Jan 2 5 6 8; Oct 17; Nov 2 6 7 12; Dec 19 21-23 26; (Defective Feb Sep)
Finningley	Jan 5 6 8; Mar 20; Oct 1; Dec 23;
High Bradfield	Jan 1 2 4-6 8 9; Apr 1 2 7 8; Sep 16 17 23 24; Oct 1 16 17; (Defective Feb Mar Jun Nov Dec)
Sheffield University	Jan 5 6 8; Feb 23; Mar 19-21; Apr 1; Oct 1 16 17; Dec 19 21-23 26;
Nottingham Weather Centre	Jan 5 6 8; Feb 23; Dec 23;
Cellarhead	Jan 5 8; Dec 19 20 23;
Keele	Jan 5 6 8; Nov 12; Dec 23;
Shawbury	Jan 2 5 6 8; Nov 12; Dec 23;
Birmingham Elmdon Airport	Jan 5 6 8; Dec 23;
Benson	Dec 23;
Brize Norton	Nov 12; Dec 23;
Oxford	Jan 5 6 8; Oct 17; Nov 1; Dec 17 19 23; (Defective Feb Jun Sep)
5 England S E & Central S	
Heathrow Airport	Dec 23;
London Weather Centre	Jan 5 8 9; Nov 12; Dec 23;
Northolt	Jan 5; Dec 23;
Boscombe Down	Jan 1 5 8 9; Apr 4; Dec 21 23;
Larkhill	Jan 5 8 9; Nov 3; (Defective Dec)
Lyneham	Jan 5 6; Nov 3 19; Dec 21 23;
East Malling	Jan 8;
Gravesend	Jan 8 9; Dec 18; (Defective Jul)
Langdon Bay	Jan 1 2 5-10; Feb 22; Mar 18; Apr 4; Oct 16; Nov 1-3 10-12 19 20; Dec 18 19 21 23;
Manston	Jan 1 5 8-10; Nov 3 19; Dec 23;
Sheerness	Jan 1 2 5-10; Feb 22; Mar 25; Apr 4 30; Aug 23; Sep 24; Oct 17; Nov 3 7 8 19 20; Dec 17 19-23;
Farnborough	Jan 5 8; (Defective Dec)
Middle Wallop	Apr 19; Dec 21-23; (Defective Jan May Aug)
Gatwick Airport	Jan 1 8;
Herstmonceux	Jan 1 2 5-10; Nov 3; Dec 19 23;
7a England N W & I O M	
Carlisle	Jan 5; Feb 23 24; Jun 12; Sep 24; Oct 3 16 17; Nov 1 10 12; Dec 19 22 23;
Eskmeals	Jan 2 5-8; Apr 4; Oct 1 16 17 31; Nov 1 10 12;
Sellafield	Jan 5-7; Sep 24; Oct 1 16 17; Nov 10 12; Dec 20;
Aughton	Jan 5 6 8; Oct 1 17; Dec 20 23;
Squires Gate Airport	Jan 2 5 6 8 10; Sep 24; Oct 1 16 17; Nov 1 12 13; Dec 19 20 23;
Aigburth	Jan 8; Oct 16 17; (Defective Nov Dec)
Manchester Ringway Airport	Jan 5 6 8; Oct 1 17; Nov 12;
Point-of-Ayre	Jan 1 2 5-7; Feb 23 24; Apr 11; Sep 23 24; Oct 1 16 17 31; Nov 1 10 12 18 19; Dec 18-20 23;
Ronaldsway	Jan 1 2 4-7 10; Oct 1 16 17 31; Nov 1 10 12; Dec 19 20;

Table 8 Dates on which gusts exceeded 47 knots

The time of occurrence of the maximum gust each month can be found by reference to Table 6 of the appropriate part of the *Monthly Weather Report*

District and Place	Dates
7b Wales N	
Valley	Jan 1 5 6 8; Apr 4 6; Oct 17 31; Nov 1 10 12; Dec 23;
8a Wales South	
Aberporth	Jan 1-3 5 6 8-10 18; Feb 22-24; Mar 4 18 19; Apr 4-6; Jun 12; Sep 28 29; Oct 16 17 31; Nov 1 2 10 12 19 24 29; Dec 17-23;
Brawdy	Jan 1 3-10; Apr 4 6; Sep 29; Oct 17 31; Nov 2 10 12 13 19; Dec 19-21 23;
Milford Haven	Jan 1-10; Mar 2; Apr 4 6; Aug 23; Oct 7 31; Nov 1-3 7 10 12 13; Dec 17 20 21 23;
Cilfynydd	Jan 5 6 8 10; Feb 22 23; Dec 19 21-23;
Rhoose Airport	Jan 5 6 8 10; Apr 5; Oct 17; Nov 3 12 13 19; Dec 17 20 21 23;
8b England S W	
Avonmouth	Jan 5-8 10; Nov 12;
Bristol Weather Centre	Jan 1 5 6 8-10; Apr 7; Nov 12; Dec 17 23; (Defective Jun)
Oldbury-on-Severn	Dec 23; (Defective Feb Mar Jul Sep)
Hinkley Point	Jan 5 6 8 9; Oct 17; Nov 12; Dec 20 23; (Defective Sep)
Yeovilton	Jan 5 9; Oct 31; Nov 12 19; Dec 17 23; (Defective Mar)
Hurn Airport	Jan 1 5 8; Dec 23;
Portland Bill C G	Jan 1 5 6 8-10; Mar 8; Apr 4; Jun 26; Jul 5; Sep 28; Oct 17; Nov 2 3 12 13; Dec 17 19-21 23;
Burrington	Jan 1 2 5-10; Feb 22 23; Apr 4-7; Oct 17; Nov 2 3 12; Dec 17 19-23; (Defective May)
Chivenor	Jan 5 6 8 10; Feb 21-23; Nov 12; Dec 17 20 23;
Exeter	Jan 5 6 8; (Missing Jun Jul Aug Sep Oct Nov Dec)
Camborne	Jan 1 2 4-9 18; Feb 21-23; Apr 4-6; Aug 30; Sep 29; Oct 30 31; Nov 1 3 4 12-14 19 25; Dec 17 19-21 23;
Culdrose	Jan 1 2 4-10 18; Feb 22; Mar 2; Apr 4-6 19; May 1 15; Jul 7; Aug 22 23 30; Sep 28 29; Oct 5 7 17 29 31; Nov 1-4 10-14 19 24 25; Dec 5 17 19-23;
Gwennap Head	Jan 1-11 18; Feb 6 21 22; Mar 2 20; Apr 4-6; Jun 26; Aug 22 23; Sep 28 29; Oct 16 17 31; Nov 1-4 7 10-14 18 19 24 25; Dec 17 19-21 23; (Defective Jul)
St Mawgan	Jan 1 5-10; Apr 4; Oct 31; Nov 3 4 12 14; Dec 19 20 23;
Channel Islands	
Guernsey Airport	Jan 1 5 6 8; Apr 4; Nov 2-4 12-14; Dec 18-21 23;
Jersey Airport	Jan 5 6; Mar 8; Nov 3 4 12-14 20; Dec 19 20;
Northern Ireland	
Coleraine University	Jan 5 6; Oct 16; (Defective Jun)
Aldergrove	Jan 5 6; Oct 1 16 17 31; Dec 17 18;
Ballypatrick Forest	Jan 1 2 5 6 18; Sep 23; Oct 1 16 17; Dec 20 23 31; (Defective Mar Nov)
Killough	Jan 1-6 10 18; Apr 4 6; Oct 1 6 16 17 30 31; Nov 1 10 12 18 24 25; Dec 17 21 23; (Defective Jun Sep)
Long Kesh	Jan 5 6 18; Oct 1 17 31;
Orlock Head	Jan 1 2 5-7; Mar 4 5 19; Apr 4 6 18; Jun 12; Sep 23; Oct 1 16-18 30 31; Nov 1 4 7 10 12 18 19 24 25; (Defective Dec)
Carrigans	Jan 1 2 5 6; Mar 4; Oct 1 16 17 30 31; Dec 20; (Defective Apr)
Castle Archdale Forest	Jan 5; Oct 17; (Defective Apr Jul)

Table 9 Occasions on which the maximum hourly mean wind was 41 knots or more (strong gale)

District and Place	Date	Maximum hourly mean wind of 41kn or more			Maximum speed in a gust during the day			Hours for which the mean speed exceeded 33kn on the date in the second column
		Hour beginning	Direction	Speed	Time	Direction	Speed	
O Scotland N								
Fair Isle	17 Oct	18	350	44	1900	350	69	15-23
	3 Nov	17	290	42	1824	280	52	16 17
	19 Dec	15	240	52	1130	240	82	8-23
	20 Dec	01	—	43	—	—	71	0-10
	22 Dec	14	240	43	1418	240	69	12-19
	23 Dec	13	280	44	1430	280	69	11-15
	31 Dec	23	190	45	2324	190	63	21-23
Lerwick	17 Oct	17	360	41	1742	350	64	14-22
	13 Nov	07	260	43	0648	250	62	6-9 15-22
	19 Dec	17	260	57	1736	250	82	8-23
	20 Dec	00	280	44	0300	280	72	0-9
	22 Dec	15	260	48	1500	250	73	14-20
	23 Dec	13	270	46	1312	270	66	11-13
	31 Dec	23	190	41	2342	190	58	22 23
Sella Ness	21 May	18	270	44	1554	270	59	9-23
	17 Oct	18	010	44	2118	010	65	13-23
	13 Nov	08	260	45	0854	260	61	8-17
	19 Dec	20	290	52	2018	290	76	8-23
	20 Dec	00	280	48	0712	310	67	0-11
	22 Dec	15	270	50	1454	270	71	14-22
	23 Dec	12	270	47	1248	270	66	4-13
	31 Dec	23	180	43	2348	190	61	22 23
Sumburgh	1 Jan	18	150	41	2018	150	57	15-21
	13 Nov	05	280	45	0536	270	64	4-8 12 15-21
	18 Dec	10	270	43	1024	270	67	0 1 4-14 16
	19 Dec	19	280	59	1036	260	90	7-23
	20 Dec	07	310	58	0300	290	83	0-13
	22 Dec	15	270	56	1530	270	73	13-23
	23 Dec	13	290	54	1336	280	79	1-4 6-15
	26 Dec	03	310	43	0136	300	64	0-11
	31 Dec	23	180	42	2330	190	63	16 22 23
Kirkwall Airport	21 May	15	260	41	1542	290	60	9-19
	17 Oct	18	350	42	2000	350	62	14-23
	19 Dec	12	250	45	1254	270	72	6-23
	22 Dec	14	260	45	1330	290	73	12-17
Benbecula	18 Jan	13	170	42	1318	150	72	8 10-15
	1 Oct	10	270	42	0936	270	61	5-12
	16 Oct	18	310	50	1806	300	72	12-23
	17 Oct	02	300	43	0112	290	66	0-9 12 13
	31 Dec	23	220	43	2312	210	71	19-23
Butt Of Lewis	2 Jan	20	230	42	2030	240	71	7-23
	18 Jan	17	180	41	1706	170	56	15-17
	11 Apr	16	200	43	1618	200	59	13-17 21
	24 Sep	06	240	51	0648	240	71	0-13
	3 Oct	11	240	41	1000	230	62	0-23
	6 Oct	17	190	44	1700	190	61	11-19
	16 Oct	21	300	58	2100	300	75	0 1 8-16 18-23
	17 Oct	00	290	49	0018	300	68	0-5 8-10 12-21
	25 Nov	20	180	41	2012	190	58	15 17-23
	26 Nov	00	180	41	0048	180	55	0-2
	17 Dec	05	190	42	1906	260	60	3-6 9-23
	18 Dec	02	270	41	0542	290	61	0-13
	19 Dec	11	270	51	1142	270	78	4-23
	22 Dec	12	270	47	1130	260	64	9-15
	31 Dec	23	220	62	2354	240	96	4-7 10 13 14 18-23
Stornoway	16 Oct	20	300	43	2030	300	65	18-23
	31 Dec	23	210	45	2342	210	79	19-23
Duirinish	6 Oct	18	200	41	1712	210	60	15-21
	16 Oct	18	300	45	1824	310	67	0 1 12-15 17-23
	31 Dec	22	210	46	2230	210	73	19-22
	Defective record Jul Sep Dec							
Wick	31 Dec	23	200	41	2348	200	58	23
1 Scotland E								
Cairngorm	1 Jan	20	220	52	2106	240	80	9-12 14-21 23
	2 Jan	06	260	50	1118	250	78	0-20 22 23
	3 Jan	00	250	48	0018	240	79	0-12 15-23
	4 Jan	11	250	56	1118	250	96	0-23
	10 Jan	12	260	41	0512	230	64	5-8 11-16 20
	15 Jan	21	160	42	2218	160	65	7-13 16-23
	17 Jan	20	250	44	2006	250	70	17-23
	18 Jan	11	160	45	1348	160	66	0 4-15 18 21-23
	19 Jan	21	240	52	2036	250	90	2 3 5 6 11-23
	20 Jan	04	260	60	0512	260	80	0-23
	20 Feb	22	240	44	2200	240	65	18-23
	22 Feb	23	240	41	2254	240	65	16 19 22 23
	23 Feb	19	240	47	1824	250	76	0-5 7-23
	24 Feb	12	260	43	1212	260	63	1 6-16
	4 Mar	18	140	56	1724	140	79	12-21
	19 Mar	16	290	54	1612	290	70	1-19
	1 Apr	13	270	54	0106	250	75	0-23
	2 Apr	02	250	46	0242	250	68	0-4 16-19
	7 Apr	06	230	48	1736	280	70	4-23
	10 Apr	23	200	45	2312	210	68	17-23
	11 Apr	20	230	45	2054	230	76	0-2 8-10 15-22
	19 May	17	260	44	1430	240	64	13-23
	20 May	06	260	42	0600	260	60	0-12
	21 May	12	280	44	0954	270	70	1-3 5-16
	10 Aug	21	270	41	2130	270	57	20 21
	16 Sep	22	270	44	2224	270	65	20-23
	17 Sep	01	270	46	0148	280	68	0-8 19 23
	18 Sep	12	270	46	1300	270	64	0 5 7-14 16 18
	21 Sep	14	230	44	1400	230	78	11 13 14 17
	23 Sep	23	260	50	2300	270	82	16 18-23
	24 Sep	09	260	51	0912	260	78	0-20

Table 9 Occasions on which the maximum hourly mean wind was 41 knots or more (strong gale)

District and Place	Date	Maximum hourly mean wind of 41kn or more			Maximum speed in a gust during the day			Hours for which the mean speed exceeded 33kn on the date in the second column
		Hour beginning	Direction	Speed	Time	Direction	Speed	
	1 Oct	12	270	46	1348	280	70	0 1 5-17
	3 Oct	08	250	48	0236	250	88	0-23
	6 Oct	19	190	44	1942	190	70	17-23
	16 Oct	18	260	54	1618	260	94	0-23
	17 Oct	01	280	48	0124	280	68	0-6 8 9 11 16-18
	31 Oct	07	150	44	0518	150	64	2-12
	6 Nov	11	260	51	1200	260	74	8-22
	11 Nov	21	250	44	2148	250	66	0-5 10-23
	12 Nov	06	220	46	0606	220	74	0-11 16 17 20-23
	21 Nov	05	260	52	1130	280	74	0-14
	24 Nov	03	220	46	1024	220	66	1-12 20
	27 Nov	23	200	48	1542	220	84	7-23
	28 Nov	00	210	42	0412	250	66	0-5 8-10 12-15
	13 Dec	15	260	48	1518	260	68	1-23
	17 Dec	06	210	46	0606	220	72	0 1 4-17 20-23
	18 Dec	01	280	42	0100	290	63	0-12 14 22
	19 Dec	17	280	48	1348	280	75	2-23
	20 Dec	00	280	44	0006	280	63	0-3 6
	22 Dec	12	270	60	1300	270	87	4-18 21 22
	25 Dec	17	260	52	1706	260	76	8-23
	26 Dec	00	290	41	0000	290	58	0-5 7 9
	31 Dec	23	240	61	2336	240	96	0 1 3-23
Edinburgh Royal Observatory, Blackford Hill	5 Jan	14	190	43	1454	190	65	11-18 20-22
	10 Nov	14	200	45	1518	200	72	13-17
Forth Road Bridge	4 Jan	13	220	48	1312	220	62	4 13-15 17-19
	5 Jan	21	240	48	2048	230	71	14 20-23
	20 Jan	08	220	42	0718	220	59	6-9 14
	19 Mar	15	240	43	1336	230	65	9-17
	1 Oct	13	250	46	1248	240	64	9-16
	16 Oct	23	250	41	1342	240	63	11-23
	17 Oct	01	250	41	0212	250	58	0-6 8-12
	12 Nov	19	250	43	1842	250	66	19
	22 Dec	11	250	43	1300	240	61	8-17
Leith	1 Oct	14	250	44	1136	260	59	10-16
	16 Oct	20	240	43	2036	240	58	12 13 16-23
	12 Nov	19	240	45	–	–	–	19
	Defective record Jan							
6 Scotland W								
Greenock Port	1 Jan	16	180	43	1636	180	76	11-17
	5 Jan	20	270	42	0500	180	78	11-16 19-21
Machrihanish	17 Oct	11	290	43	0636	290	64	0-13
Tiree	5 Jan	18	320	41	1148	180	61	8-11 13 18 19
	18 Jan	11	150	42	1136	150	58	7-16
	16 Oct	17	290	43	2018	300	65	11-23
	31 Oct	03	130	44	0300	130	67	0-4
West Freugh	5 Feb	15	260	47	1524	260	72	0-3 8-20 23
	Defective record Dec							
Whithorn	5 Jan	16	210	55	1654	210	75	7-20
2 England E & N E								
Fylingdales	9 Jan	00	290	43	0000	290	61	0 1
Bridlington MRSC	5 Feb	15	260	47	1524	260	72	0-3 8-20 23
	4 May	05	190	44	0512	190	62	2-6
	6 May	12	200	41	1300	220	56	9-12
Spurn Point	8 Jan	22	230	48	2218	230	69	21-23
	12 Nov	17	180	42	1842	200	54	15-18
	Defective record Aug							
Cranwell	6 Jan	03	240	42	0248	240	61	0-4
	8 Jan	21	230	41	2212	230	61	20-23
3 East Anglia								
4 Midland Counties								
Leeds Weather Centre	8 Jan	22	270	42	2230	270	72	21-23
	7 Nov	19	280	42	1948	280	70	14 16-22
High Bradfield	1 Jan	19	230	42	1842	220	58	16-23
	2 Jan	01	260	42	0130	260	63	0-4
	5 Jan	19	240	48	2124	240	66	4-6 9 13-23
	6 Jan	04	270	52	0142	270	79	1-12
	8 Jan	21	270	58	2100	250	81	19-23
	21 Feb	23	260	41	2300	250	59	21-23
	23 Feb	14	230	47	1418	230	66	0-23
	24 Feb	02	220	43	0212	220	57	0-6
	19 Mar	16	250	45	1630	250	61	14-17
	20 Mar	23	250	48	2300	250	69	17-23
	21 Mar	00	260	48	0018	260	63	0 1
	1 Oct	20	290	45	1830	290	59	14-22
	16 Oct	18	290	45	1824	290	75	5 17-23
	17 Oct	17	280	46	1636	280	70	0-3 5-18
	1 Nov	23	260	41	2248	250	58	22 23
	7 Nov	19	280	54	1912	290	72	0-8 15-23
	10 Nov	21	250	42	2224	250	58	14-23
	19 Dec	04	260	50	0412	260	68	0-17 20-22
	21 Dec	15	280	49	1242	280	67	9-18 20 22 23
	22 Dec	07	280	54	0548	280	70	0-10 19-23
	23 Dec	05	250	46	1054	280	66	4-8 10 11 23
	Defective record Feb Mar Jun Nov Dec							
Nottingham Keele	5 Feb	15	260	47	1524	260	72	0-3 8-20 23
	4 May	05	190	44	0512	190	62	2-6
	6 May	12	200	41	1300	220	56	9-12

Table 9 Occasions on which the maximum hourly mean wind was 41 knots or more (strong gale)

District and Place	Date	Maximum hourly mean wind of 41kn or more			Maximum speed in a gust during the day			Hours for which the mean speed exceeded 33kn on the date in the second column
		Hour beginning	Direction	Speed	Time	Direction	Speed	
5 England S E & Central S								
Langdon Bay	5 Jan	08	180	45	0942	200	65	6-10 22 23
	8 Jan	16	180	47	2054	210	71	13-21
	9 Jan	21	180	43	2218	180	62	17-23
	10 Jan	01	210	43	0112	200	61	0-13
	23 Dec	12	240	43	1330	250	68	8-13
Sheerness	1 Jan	22	210	44	2206	210	60	18-23
	5 Jan	23	240	43	0948	240	61	7-9 19-23
	8 Jan	20	220	43	1842	210	66	17-21
	10 Jan	00	210	42	0012	210	61	0-2 7 12
	25 Mar	17	040	41	2212	040	51	11-23
Shoreham-by-Sea	1 Jan	20	190	42	2030	190	58	16-23
	5 Jan	08	190	47	1412	240	64	4-9 14-17 19 22 23
	6 Jan	00	250	41	0236	250	57	0-3
	8 Jan	16	190	46	1606	190	67	13-20
	9 Jan	20	190	44	2024	190	60	17-23
	4 Apr	10	220	41	1000	220	56	7-12
	3 Nov	02	200	44	0306	220	67	0-3
	12 Nov	18	190	43	1848	210	60	14-18
	Defective record Apr May Jun Jul Dec							
7a England N W & I o M								
Eskmeals	5 Jan	17	220	42	1648	210	65	16-21
Great Dun Fell	1 Jan	16	210	62	1724	230	76	12-23
	2 Jan	02	250	65	0212	270	82	0-12 16-19 23
	18 Jan	17	190	47	1124	150	61	8-22
	19 Jan	21	230	43	2136	240	53	17-23
	20 Jan	03	240	43	2012	280	53	0-4 7 8 12 15-21
	23 Feb	23	230	57	2248	250	73	0-23
	24 Feb	00	230	56	0024	240	74	0-7
	5 Mar	03	200	42	0100	210	52	0-9
	18 Mar	21	220	52	2136	210	65	12 14-23
	19 Mar	17	260	45	1430	240	59	0-20
	1 Apr	11	230	47	1600	240	58	5-23
	2 Apr	06	220	47	0518	220	60	0-11 13
	4 Apr	05	180	45	0836	150	60	2-12 18-20 22 23
	6 Apr	15	190	49	1542	210	65	14-23
	7 Apr	10	240	47	1506	270	59	0-18 20-23
	8 Apr	12	260	49	1248	280	62	0 7-16
	9 Apr	19	220	52	1918	240	63	8-23
	10 Apr	04	220	45	0506	230	54	0-12 14-23
	30 Apr	12	060	45	1254	070	56	12-21
	1 May	06	030	42	0642	030	54	5-9 13
	9 Jun	13	220	43	1324	240	57	8-16 18
	12 Jun	14	220	49	1900	220	63	0-2 4-9 11-20 22 23
	13 Jun	16	260	41	1624	270	57	0 10-21
	4 Jul	15	080	45	1548	110	57	13-23
	5 Jul	13	070	49	1354	090	60	0 6-17 21-23
	9 Jul	11	250	45	1154	230	56	7 10-14
	11 Jul	21	220	41	2236	240	55	20-22
	12 Jul	10	220	45	1748	230	58	9-15 17 18
	11 Aug	16	250	43	1412	250	53	11-20
	16 Aug	23	250	41	2330	260	52	11 21-23
	17 Aug	00	260	41	0054	250	56	0-3
	14 Sep	13	220	49	1312	240	61	2 5-15
	16 Sep	22	260	43	2242	270	56	14-23
	17 Sep	03	260	45	0336	280	58	0-7 12 23
	18 Sep	00	220	43	0030	240	57	0-2 5 6 8-13
	21 Sep	16	220	59	1548	200	71	12-19
	22 Sep	21	250	41	2006	220	53	9 11-16 18-22
	23 Sep	23	230	49	2248	210	63	15-23
	24 Sep	01	240	59	0042	210	73	0-15 21 22
	28 Sep	21	050	52	2200	070	63	8-23
	29 Sep	01	050	50	0112	050	61	0-11
	1 Oct	13	260	58	1354	280	79	0-21
	2 Oct	22	220	49	2230	210	63	20-23
	3 Oct	00	220	49	0030	240	67	0-4 6-15 22
	4 Oct	19	220	44	1906	210	56	13-23
	5 Oct	00	220	41	0118	240	53	0 1
	6 Oct	23	210	42	2324	230	52	18 19 21-23
	7 Oct	00	210	43	0030	190	55	0-12
	16 Oct	23	260	60	2348	280	80	0-23
	17 Oct	00	260	58	0000	240	76	0-16
	31 Oct	11	150	53	1118	180	69	1-14
	1 Nov	22	220	50	2200	190	76	3-23
	2 Nov	00	240	45	0442	280	58	0-20
	6 Nov	17	250	50	2230	240	62	8-23
	7 Nov	14	240	53	1424	260	67	0-23
	10 Nov	16	220	53	1606	240	67	12-23
	11 Nov	01	260	41	0112	240	50	0-3 10
	12 Nov	16	190	62	1642	220	88	0-23
	18 Nov	20	060	55	2100	040	68	19-21
	27 Nov	23	220	47	2254	240	63	12 17-23
	28 Nov	03	220	49	0324	240	63	0-8
	13 Dec	14	240	43	1400	260	57	2 7 10-23
	17 Dec	17	250	45	1742	280	64	7-20 22 23
	18 Dec	06	260	43	0618	240	55	0 1 5-9 17 20 22
	19 Dec	04	240	49	0748	270	64	1-13 15
	21 Dec	11	260	47	1454	240	66	10-20
	22 Dec	14	250	58	1500	230	72	0-23
	23 Dec	05	230	53	0512	250	66	0-7 9 14 17 18
	25 Dec	23	250	47	2318	260	55	15 20-23
	26 Dec	05	270	43	0030	230	64	0-14
	31 Dec	22	230	49	2200	210	60	8-11 13 14 19-23
	Defective record Jan Feb Mar Nov							
Sellafield	5 Jan	17	230	41	1736	230	63	14-21

Table 9 Occasions on which the maximum hourly mean wind was 41 knots or more (strong gale)

District and Place	Date	Maximum hourly mean wind of 41kn or more			Maximum speed in a gust during the day			Hours for which the mean speed exceeded 33kn on the date in the second column
		Hour beginning	Direction	Speed	Time	Direction	Speed	
Fleetwood	8 Jan	21	300	51	2124	300	74	20-22
	Defective record Jan Mar Apr May Jun Jul Sep Oct Nov							
Squires Gate Airport	5 Jan	19	240	47	1930	240	72	12-23
	6 Jan	01	270	42	0136	260	63	0-7
Manchester								
Point-of-Ayre	5 Jan	16	230	44	1636	230	70	11-20
	6 Jan	01	270	44	0200	270	65	0-6
	17 Oct	13	290	41	1424	280	62	0-3 5-15 17
	12 Nov	15	190	42	1548	240	70	14-17
Ronaldsway	5 Jan	16	220	46	1806	240	68	3 9-22
	12 Nov	15	230	42	1506	180	79	11-16
7b Wales N								
Valley	5 Jan	19	240	43	1912	240	73	3 4 10-23
	12 Nov	14	170	46	1418	150	66	11-15
8a Wales South								
Aberporth	5 Jan	23	260	45	2336	260	72	2-4 11-23
	6 Jan	00	260	41	0000	260	70	0-3 5
	8 Jan	18	290	44	1824	290	68	15-19
	12 Nov	13	180	45	1454	230	81	12-16 18
	24 Nov	20	160	41	2042	160	57	7-9 12-16 19-23
	23 Dec	11	300	45	1212	310	73	7-13
Brawdy	12 Nov	13	180	43	1412	200	69	11-14
	23 Dec	10	270	41	0942	250	67	6 9-11
Milford Haven	5 Jan	13	270	41	0918	270	69	3 4 7 9 11-22
	12 Nov	13	180	41	1318	180	67	11-14
8b England S W								
Yeovilton	23 Dec	14	310	41	1348	300	60	12-14
Portland Bill C G	28 Sep	08	120	42	0818	130	53	5-10
	20 Dec	11	290	42	1124	290	65	0 2 8-13 15 23
	23 Dec	13	290	43	1254	290	72	7 9-15
Camborne	5 Feb	15	260	47	1524	260	72	0-3 8-20 23
	4 May	05	190	44	0512	190	62	2-6
	6 May	12	200	41	1300	220	56	9-12
	Defective record Jan							
Culdrose	1 Jan	18	210	45	1812	210	62	11-21
	2 Jan	00	220	42	1006	230	62	0-3 9-11
	5 Jan	03	200	44	0330	200	72	1-5 11-23
	12 Nov	14	280	41	1430	230	68	11-15
	20 Dec	08	310	41	0748	310	66	0-10
	21 Dec	12	270	41	1230	270	60	8-16 23
Gwennap Head	1 Jan	16	200	49	1724	200	75	10-21
	5 Jan	03	200	45	0448	210	77	0-4 11-23
	8 Jan	11	210	52	1130	210	70	10-14 16
	9 Jan	15	200	44	1454	200	61	3 14-19
	22 Feb	12	200	41	1242	200	56	11-23
	12 Nov	13	190	41	1406	200	77	9-16 18
	Defective record Jul							
Channel Islands								
Northern Ireland								
Ballykelly	5 Feb	15	260	47	1524	260	72	0-3 8-20 23
	4 May	05	190	44	0512	190	62	2-6
	6 May	12	200	41	1300	220	56	9-12
Belfast Harbour	5 Feb	15	260	47	1524	260	72	0-3 8-20 23
	4 May	05	190	44	0512	190	62	2-6
	6 May	12	200	41	1300	220	56	9-12
Kilkeel	30 Oct	23	170	47	2206	170	73	18-23
	31 Oct	00	170	45	0030	180	65	0
	Defective record Jan Feb Mar Apr Jul Sep Oct Dec							
Killough	5 Jan	15	260	47	1524	260	72	0-3 8-20 23
	4 Apr	05	190	44	0512	190	62	2-6
	6 Apr	12	200	41	1300	220	56	9-12
	30 Oct	23	160	44	2330	160	58	20-23
	31 Oct	01	150	46	—	—	71	0 1 20 21
	12 Nov	12	180	46	1212	180	65	7-13
	Defective record Jun Sep							

Table 10 Highest and lowest maximum and minimum temperature at each station

District and Place	Highest maximum °C and date		Highest minimum °C and date		Lowest maximum °C and date		Lowest minimum °C and date	
0 SCOTLAND N								
Baltasound	Jul 5	22.9	Aug 2	14.0	Feb 9	2.2	Feb 12	-4.8
Fair Isle	Jul 5	20.1	Aug 1	13.2	Feb 9	2.5	Feb 12	-1.6
Lerwick	Jul 5	23.4	Aug 1	14.4	Feb 7	2.3	Dec 22	-3.8
Sumburgh	Jul 5	22.1	Aug 2	14.5	Feb 7	3.3	Dec 22	-2.5
Kirkwall Airport	Jul 5	22.4	Jul 28	14.1	Feb 8	2.5	Feb 10	-3.1
Rackwick	Jul 4	25.5	Jul 5	16.9	Feb 8	2.6	Feb 10	-5.2
Benbecula	Jul 5	26.5	Jul 7	16.2	Feb 5	2.9	Feb 10	-4.5
Scalpay	–	–	–	–	–	–	–	–
Stornoway	Jul 5	23.5	Jul 6	14.9	Jan 7	2.5	Feb 10	-3.3
Aviemore	Jul 4,7	28.1	Jul 28	14.9	Jan 7	-0.4	Dec 6	-9.5
Cape Wrath	Jul 4, Aug 31	22.7	Sep 1	15.4	Feb 7	2.1	Feb 7	-1.1
Cairngorm Chairlift	Jul 7	25.0	Jul 5	15.4	Feb 8,12	-2.5	Feb 7	-6.5
Cassley	Jul 4	26.3	Jul 8	15.3	Dec 6	-2.5	Feb 5	-10.6
Dalcross	Aug 31	25.5	Jul 28	15.1	Feb 10	0.3	Feb 5	-7.0
Dalwhinnie	Jul 5	26.8	Aug 2	13.9	Feb 9	-1.3	Jan 19	-11.2
Diabaig	–	–	–	–	–	–	–	–
Dingwall	Aug 31	27.0	Aug 1	16.0	Dec 6	-1.0	Jan 15, Feb 5	-9.5
Duartmore Bridge	Aug 31	26.5	Aug 1	15.4	Jan 7,8	1.5	Feb 10	-7.5
Eilanreach	Jul 4	28.9	Jul 7	16.5	Jan 12	1.2	Feb 10	-7.4
Fort Augustus	Sep 3	26.9	Jul 11	15.8	Jan 12	1.0	Feb 13,14	-7.6
Fortrose	–	–	–	–	–	–	–	–
Grantown-on-Spey	Jul 4	27.3	Jul 28	15.4	Dec 6	-0.7	Feb 13	-12.1
Inverailort	Jul 4	30.4	Jul 7	17.4	Jan 12	1.0	Feb 10	-6.9
Inverness	Sep 3	26.0	Aug 2	16.0	Feb 10	1.2	Feb 10,11	-6.1
Inverpolly	Aug 31	26.7	Jul 7	17.5	Feb 7	2.3	Feb 10	-6.5
Isle of Rhum	Jul 4	27.2	Jul 7	16.6	Feb 4	2.9	Feb 10	-5.8
Kiltarlity	Sep 3	25.9	Aug 1	15.2	Dec 6	-0.5	Feb 5	-8.7
Kinbrace	–	–	–	–	–	–	–	–
Kinlochewe	Jul 4	30.4	Jul 11	16.9	Jan 12	1.5	Feb 5	-6.7
Knockanrock	Jul 5	27.0	Jul 7	16.6	Feb 10	0.5	Feb 10	-6.4
Lairg	Jul 4	26.7	Jul 8	14.6	Feb 10	-2.1	–	–
Lentran	Aug 31	26.9	Jul 8, Aug 2	14.2	Jan 8, Feb 9,10	0.8	Feb 5	-6.9
Nairn	Aug 1	23.5	Jul 28	15.5	Feb 10	0.5	Feb 5	-5.8
Onich	Jul 4	29.6	Jul 6	17.8	Jan 12	2.8	Jan 13,14	-6.5
Plockton	Jul 8	27.5	Aug 1	15.7	–	–	Feb 6	-4.2
Poolewe	Jul 5	28.7	Jul 7	18.1	Jan 8	2.0	Feb 10	-5.4
Tomatin	Jul 4	27.5	Sep 14	14.1	Feb 10	-0.9	Feb 5	-9.3
Waterstein	–	–	–	–	–	–	–	–
Wick	Aug 29	21.4	Jul 28	14.4	Jan 7	1.5	Feb 10	-6.0
1 SCOTLAND E								
Aberdeen								
Dyce Airport	Aug 29	26.0	Jul 28	15.8	Feb 10	0.6	Feb 14	-8.8
Mannofield	Aug 29	24.7	Jul 5	16.0	Feb 10	0.7	Feb 11	-5.2
Aldroughty	Aug 31	28.6	Jul 28	15.5	Jan 7	1.0	Jan 14	-6.9
Ballater Field Centre	Sep 4	26.9	Jul 28	16.2	Feb 10	-0.6	Feb 14	-12.5
Balmoral	Jul 7	28.2	Jul 28	15.0	Feb 7	-0.7	Feb 14	-11.6
Banff Golf Course	Jul 28	25.5	Jul 28	16.7	Jan 9	1.5	Feb 11	-8.0
Braemar	Sep 3,4	26.7	Jul 28	15.1	Feb 7	-1.3	Feb 14	-13.8
Craibstone	Aug 29	24.5	Jul 28	14.5	Feb 10	0.8	Feb 14	-9.8
Cullerty	Aug 29	25.5	Jul 31	14.4	Feb 10	0.9	Feb 14	-8.0
Durris, Wardend	Sep 4	26.2	Sep 5	14.7	Feb 9	0.5	Feb 14	-9.2
Forehill	Aug 29	24.2	Aug 1	14.6	Feb 11	1.0	Feb 11	-4.4
Forres	Jul 29	25.7	Aug 29	16.3	Feb 10	0.8	Feb 13	-6.4
Fyvie Castle	Jul 5	25.0	Jul 28	16.2	Feb 10	-0.5	Feb 11	-11.7
Glenlivet	Jul 4	26.2	Jul 28	16.1	Feb 10	-0.3	Feb 14	-11.5
Inchmarlo	–	–	–	–	–	–	–	–
Inverurie	Aug 29	25.8	Jul 28	16.4	Dec 8	0.6	Feb 14	-11.8
Keith	Jul 4	26.0	Jul 28	16.1	Feb 9,10	0.0	Feb 14	-9.9
Kinloss	Jul 29	26.6	Jul 28	16.0	Feb 10	0.3	Jan 15	-6.9
Leith Hall	Jul 4	25.0	Jul 28	16.0	Feb 8	-0.2	Feb 14	-9.8
Lossiemouth	Aug 31	28.3	Sep 13	14.8	–	–	–	–
Rothes	Jul 4	27.5	Jul 28	17.0	Feb 7	0.8	Feb 10, Dec 7	-5.5
Stonehaven	Aug 29	24.6	Sep 5	13.6	Feb 9	1.4	Feb 14	-3.9
Arbroath	Aug 29	24.0	Sep 14	14.7	Dec 10	1.9	Jan 14	-6.4
Ardtalnaig	Sep 4	26.2	Jul 7,28	16.0	Jan 13	-0.2	Feb 13,14	-8.0
Dall (Rannoch School)	Sep 3	26.5	Jul 7	15.2	Jan 13,14	-2.0	–	–
Drummond Castle	Sep 3	25.2	Jul 25	15.4	Dec 10	-2.4	Jan 15	-9.6
Dundee	Aug 29	25.2	Jul 28	15.9	Dec 10	-1.1	Jan 14, Dec 11	-5.3
Faskally	Sep 4	26.8	Jul 28	16.4	Jan 13	-2.5	Jan 14	-10.2
Forfar	Sep 4	25.0	Aug 1	15.0	Dec 10	-2.5	Jan 15	-9.0
Kindrogan	Jul 5	24.6	Jul 28	14.9	Jan 14	-5.5	Jan 14	-14.1
Kinross	Sep 4	26.8	Jul 28	15.6	Dec 10	-0.2	–	–
Montrose	Sep 4	24.8	–	–	Jan 7, Feb 10	1.0	–	–
Mylnefield	Sep 4	24.5	Jul 28, Sep 14	15.5	Dec 10	-2.6	Jan 15	-8.5
Perth Aerodrome	Sep 4	25.4	Aug 1	14.7	Dec 10	-2.3	Jan 15	-9.0
Strathallan	Sep 4	26.9	Jul 28	16.7	Dec 10	-3.8	Jan 15	-10.5
Tummel Bridge	Jul 7	26.1	Jul 28	16.0	Jan 13	-3.0	Jan 31	-10.2
Whitehillocks	Jul 7	24.5	Jul 28	15.6	Jan 8	-0.7	Feb 14	-9.0
Belliston	Aug 29	23.8	Jul 28, Sep 5,14	14.6	Feb 10	0.7	Jan 14	-2.9
Cupar	Sep 4	25.6	–	–	Jan 13	0.4	Jan 15	-9.4
Fife Ness	Aug 29	25.2	Jul 28	14.5	Feb 10	2.0	Dec 7,11,12	-2.0
Leuchars	Sep 4	25.9	Jul 28	15.0	Dec 10	0.5	Jan 15	-8.2
Bush House	Sep 4	24.6	Sep 14	14.9	Feb 10	-0.2	Dec 11	-7.3
Dunbar	Aug 29	25.2	Sep 14	16.3	Feb 10	2.0	Dec 12	-4.4
Edinburgh								
East Craigs	Aug 29	24.1	Sep 14	15.8	Dec 10	0.5	Dec 11	-7.9
Royal Botanic Garden	Sep 4	26.7	Sep 14	16.5	Dec 10	0.4	Dec 11	-6.8
Royal Observatory Blackford Hill	–	–	–	–	Feb 8	1.0	Jan 14	-5.0
Turnhouse Airport	Aug 29	25.1	Sep 14	16.3	Dec 10	0.2	Dec 11	-8.8
Haddington	Sep 4	24.4	Aug 10	15.9	Dec 9	0.4	Feb 12	-7.6
Livingston	Sep 4	25.5	Jul 11	15.9	Dec 10	0.0	Feb 13	-10.6
Nunraw Abbey	Aug 29	23.5	Sep 14	15.0	Feb 7	0.6	Feb 11	-3.9
Penicuik	Sep 4	25.8	Jul 11	14.7	Feb 7	0.0	Jan 14	-9.0
Blyth Bridge	Aug 30	24.0	Aug 22	14.8	Feb 9	-0.8	Dec 11	-7.6
Blythe	Aug 30	24.5	Sep 14	13.7	Feb 11	-1.1	Feb 11, Dec 12	-6.5
Bowhill (Selkirk)	Aug 30	24.9	Jul 31	15.0	Jan 14	-2.5	Jan 14	-10.5
Carterhouse	Aug 30	23.3	Jul 8	14.6	Feb 10	-1.7	Feb 11	-8.7
Floors Castle	Jul 11	24.8	Jul 28	16.0	Dec 10	0.0	Feb 14	-9.3
Galashiels	Aug 30	24.2	Aug 10	15.0	Feb 10	-1.2	Jan 14	-8.6
Glentress	Aug 30	26.7	Sep 14	15.0	Jan 13, Feb 7	0.1	Feb 14, Dec 11	-9.0
Greycrook	Aug 30	25.7	Jul 28	15.7	Jan 14	0.0	–	–
Kelso	Jul 11	26.8	Jul 28	16.3	Feb 11	-0.4	Feb 14	-8.3
St Abbs Head	Aug 29	24.0	Jul 28	15.6	Jan 29	2.0	Dec 12	-2.5
West Linton	Aug 30	23.7	Jul 11	14.7	Feb 9	-1.0	Dec 11	-9.3
6 SCOTLAND W								
Abington	–	–	–	–	–	–	–	–
Ardentinny	Jul 7	25.2	Jul 8	15.2	Jan 13	0.7	Feb 13	-5.0
Aros	–	–	–	–	–	–	–	–
Auchincruive	Jul 4,6	26.6	Jul 8	16.1	Feb 9	0.6	Feb 10	-6.1
Benmore (Younger Botanic Garden)	Jul 5	25.5	Jul 6	16.5	Jan 13	0.4	Jan 31	-5.2
Black Mount	Jul 4	26.7	Jul 5	16.6	Jan 12	0.4	Feb 13	-10.5
Brodick Castle	Jul 7	26.0	Jul 8	16.6	Feb 4,9	2.0	Jan 31	-4.3
Camps Reservoir	Jul 6	24.1	Jul 6,8,30	14.0	Feb 10	-2.5	Feb 13	-11.0
Carnwath	Aug 30	25.6	Aug 22	14.9	Feb 7,11	-0.2	Feb 13	-14.8
Colonsay Hotel	Jul 7	25.9	Jul 6	16.0	Feb 5	2.2	Jan 31	-2.4
Cumnock	Jul 6	27.0	Jul 29	18.4	Feb 7	1.0	Feb 11	-7.2
Dalry	–	–	–	–	Jan 13	0.0	Feb 11	-6.9
Drumclog	Aug 30	25.5	Jul 29	17.2	Feb 9	-1.0	Feb 11	-10.5
Dunstaffnage	Jul 4	27.3	Jul 6	17.1	Feb 1	2.6	Feb 11,13	-4.0
East Kilbride	Sep 4	25.7	Jul 28	15.4	Feb 9	-1.1	Feb 13	-6.4
Girvan	–	–	–	–	–	–	–	–
Glasgow								
Abbotsinch Airport	Sep 4	25.7	Jul 28	16.7	Dec 10	-0.1	Feb 11	-11.6
Springburn Park	Jul 7	24.6	Jul 28	15.6	Jan 13	-0.2	Feb 13	-6.3
Helensburgh	Sep 4	25.0	Jul 30	15.5	Jan 13	-0.7	Feb 13	-5.0
Hunterston	Jul 4	25.5	Jul 30,31	16.0	Feb 9	1.5	Feb 8	-4.3
Inverinan Mor	Jul 4	26.2	Jul 7	15.9	Jan 13	0.5	Feb 13	-7.6
Leadhills	Jul 6	26.1	Jul 8	15.5	Jan 12	-1.8	Feb 13	-10.5
Lochgilphead	Jul 4	26.4	Jul 8	16.3	–	–	–	–
Lochranza	Jul 7	25.0	Jul 8	16.0	Feb 4	1.2	Feb 12	-4.5
Machrihanish	Jul 4	25.7	Jul 7	16.9	Feb 4	1.8	Feb 13	-5.5
Millport	Jul 7	24.3	Jul 30	15.6	Feb 9	2.0	Feb 10	-2.0
Motherwell (Strathclyde Park)	Sep 4	26.3	Aug 22	16.0	Feb 9	0.9	Feb 11	-8.2
Orsay	Jul 4	23.8	Jul 6	16.2	Feb 7	2.3	Feb 10	-2.7
Paisley	Jul 7, Sep 4	25.7	Jul 28	16.5	Dec 10	0.5	Dec 10	-5.9
Pollok Country Park	–	–	–	–	–	–	–	–

Table 10 Highest and lowest maximum and minimum temperature at each station

District and Place	Highest maximum °C and date		Highest minimum °C and date		Lowest maximum °C and date		Lowest minimum °C and date	
Prestwick	Jul 4	27.4	Jul 8,10, Aug 22	16.4	Feb 9	1.1	Feb 10	-7.4
Rothesay	Jul 7, Sep 4	25.0	Jul 4,7	15.9	Feb 7	1.5	Jan 31	-2.5
Salsburgh	Sep 4	24.3	Jul 28	14.0	Feb 4	-0.3	Feb 10	-5.3
Saughall	Jul 4	25.3	Jul 29	16.1	Feb 9	-0.6	Feb 11	-8.9
Tiree	Jul 6	26.3	Jul 7	15.2	Feb 5	3.0	Feb 10	-2.6
Uplawmoor	Jul 17	24.2	Jul 11,28	15.4	Feb 8, Dec 10	0.1	Feb 11	-8.6
Aberfoyle	Sep 4	25.4	Jul 8,28	15.0	Jan 13	-1.3	Jan 15	-12.2
Arrochymore	Sep 4	25.8	Jul 8	15.4	–	–	–	–
Balquhidder	Sep 4	25.1	Jul 28	15.7	Jan 13	-0.5	Feb 13	-7.5
Falkirk	Sep 4	26.0	Jul 28	16.5	Dec 10	-3.5	Jan 15	-7.5
Grangemouth (BP Refinery)	Sep 4	26.1	Jul 28	16.7	Dec 10	-2.5	Dec 11	-6.0
Loch Venachar	Sep 4	25.3	Jul 28	15.4	Jan 13	-0.4	Jan 13	-8.0
Mugdock Park	Sep 5	25.0	Jul 11, 28,31	15.0	Feb 9	0.0	Jan 13, 14,15	-4.0
Parkhead	Jul 30	25.3	Jul 28	16.5	–	–	Dec 11	-7.4
Stirling (Sewage Works)	–	–	–	–	Dec 10	-3.2	–	–
Tyndrum	Jul 4	25.8	Jul 8	15.9	Jan 13	-0.3	Feb 14	-12.1
Auchen Castle	Jul 4,29	24.9	Jul 8	15.4	Jan 13	-2.2	Jan 13	-9.5
Bargrennan	Jul 6	27.5	Jul 6	16.9	Feb 3	1.0	Feb 14	-6.8
Clatteringshaws	Jul 4,6	25.0	Jul 8	16.0	Feb 4	-0.3	Jan 13	-7.4
Corsewall Point	Jul 5	25.7	Aug 21	15.4	Feb 4	1.2	Feb 7	-2.5
Creebridge	Jul 6	28.1	Jul 6	17.5	Feb 7	1.7	Jan 14	-6.3
Dumfries	Jul 6	25.9	Aug 10	15.5	Jan 13, Dec 8,10	1.4	Jan 14, Dec 11	-6.1
Dumfries (Drungans)	Jul 6	26.9	Jul 8	16.4	Dec 11	-0.7	Dec 11	-8.2
Eskdalemuir	Jul 4	24.7	Jul 8	14.9	Jan 13	-1.1	Jan 13, Feb 14	-9.8
Glenlee	Jul 6	25.9	Jul 8	16.2	Feb 5	0.6	Feb 5	-10.2
Glenlochar Barrage	Jul 6	25.1	Aug 22	16.4	Dec 9	-0.4	Dec 11	-7.6
Penwhirn	Jul 6	25.6	–	–	Feb 7	0.2	–	–
Threave	Jul 4,7	25.3	Aug 10,22	15.7	Dec 9	-0.4	Feb 5	-7.4
Whithorn	Jul 29	24.5	Aug 21	15.6	Feb 4	1.2	Jan 13	-5.1
2 ENGLAND E & N E								
Boulmer	Aug 29	25.3	Jul 31, Aug 10	14.7	Feb 11	1.1	Feb 14	-4.5
Cockle Park	Aug 22,29	25.2	Jul 23	14.5	Feb 10	-0.1	Feb 14	-5.4
Haydon Bridge	Jul 11	25.5	Aug 10	16.7	Feb 7	0.3	Feb 14	-9.9
Kielder Castle	–	–	–	–	–	–	–	–
Redesdale	Jul 11	23.3	Aug 10	15.2	Feb 8	-0.7	Feb 14	-9.0
Newcastle Weather Centre (X)	Jul 11	26.9	Aug 10	17.9	Feb 9	0.8	Dec 12	-5.3
South Shields	Aug 22	25.6	Jul 31	15.2	Dec 11	1.6	Dec 12	-5.5
Sunderland Polytechnic	Jul 11	27.2	Aug 10	17.4	Dec 11	1.5	Dec 12	-3.8
Tynemouth	Jul 11	25.0	Jul 28, Aug 10	15.6	Dec 11	1.2	Dec 12	-4.9
Durham	Jul 11	26.0	Aug 10	16.5	Dec 11	-0.4	Dec 12	-9.0
Low Etherley	Jul 28	26.0	Aug 10	16.1	Feb 7,9	-0.4	Dec 12	-7.5
Widdybank Fell	Jul 6,29	22.6	Aug 10	13.5	Feb 9	-3.0	Jan 13, Feb 14	-8.6
Askham Bryan	Jul 11	28.2	Aug 10	16.2	Dec 10,11	-1.0	Feb 9	-9.8
Cawood	Jul 29	28.7	Aug 10	17.4	Dec 10	-1.9	Feb 14	-16.0
Church Fenton	Jul 11	28.8	Aug 6,10	15.7	Dec 9,11	-2.5	Feb 14	-15.2
Fylingdales	Jul 11	25.1	Jul 7	15.6	Feb 8	-1.1	Dec 12	-9.3
Harrogate (Bilton)	Jul 11	27.2	Jul 8, Aug 6	16.1	Dec 11	-1.4	Dec 12	-10.4
High Mowthorpe	Jul 11	26.3	Jul 15	15.5	Feb 8	-1.6	Dec 12	-9.1
Linton-on-Ouse	Jul 11	27.9	Jul 8	16.0	–	–	Feb 14	-14.2
Leeming	Jul 30	28.0	Aug 9	17.1	Dec 11	-1.3	Feb 14	-10.6
Malham Tarn	Jul 30	23.4	Jul 30	15.2	Feb 9	-3.6	Feb 10	-8.1
Scarborough	Jul 11	28.3	Jul 7	15.1	Feb 9	0.4	Dec 12	-7.3
Whitby	Jul 11	28.1	Sep 14	16.2	Jan 25	1.2	Dec 12	-5.2
Whitby Coastguard	Jul 11	27.4	Sep 14	15.8	Jan 25,29	1.2	Dec 12	-5.2
Wycliffe Hall	–	–	–	–	–	–	–	–
Wykeham Forest	–	–	–	–	–	–	–	–
Cleethorpes	Jul 11	29.2	–	–	Feb 8	0.2	–	–
Hull	Jul 11	29.0	Aug 22	17.3	Feb 9	0.3	Dec 12	-6.4
Conningsby	Jul 11	29.6	Aug 9	17.2	Feb 9	-0.8	Dec 12	-9.0
Covenham	–	–	–	–	–	–	–	–
Cranwell	Jul 11	28.9	Aug 11	17.1	Feb 7	-1.6	Feb 9	-9.0
Driby	Jul 11	28.6	Aug 11	16.8	Feb 8,9	-0.5	Feb 9	-8.0
Kirton	Jul 11	28.5	Aug 22	17.4	Feb 9	-1.5	Feb 14	-11.5
Lincoln (Canwick)	Jul 11	29.3	Aug 11	17.5	Dec 9	-0.9	Feb 14	-9.7
Scampton	Jul 11	28.1	Jul 30, Aug 22	16.6	Feb 8	-0.5	Feb 9	-9.6
Skegness	Jul 11	29.4	Jul 30, Aug 11	17.4	Feb 9	-0.5	Feb 14, Dec 12	-5.8
Waddington	Jul 11	28.7	Aug 11	16.6	Feb 8	-1.0	Feb 9	-8.7
3 EAST ANGLIA								
Bressingham	–	–	–	–	–	–	–	–
Coltishall	Jul 11	30.6	Aug 10	17.4	Feb 8	-2.0	Feb 9	-8.3
Cromer	Jul 11	32.1	Aug 10	17.4	Feb 6	-2.0	Feb 7	-6.4
Denver	Sep 1	28.9	Jul 6	18.4	Feb 8	-2.2	Feb 14	-12.2
Hemsby	Jul 11	28.3	Aug 10	17.5	Feb 6	-2.2	Feb 13	-7.1
Hunstanton	Jul 11	28.9	Aug 10	17.8	Dec 12	-1.6	Feb 9	-7.2
Marham	Jul 11	29.2	Jul 6	18.2	Feb 9	-2.9	Feb 14	-12.2
Morley St Botolph	Jul 11	28.7	Jul 6	17.4	Feb 9	-3.1	Feb 10	-11.4
Norwich Weather Centre	Jul 11	30.1	Jul 6	18.4	Feb 6,8,9	-2.0	Feb 7	-5.7
South Raynham	Jul 11	28.9	Aug 10	17.2	Feb 6	-2.5	Feb 9,10	-8.4
Terrington St Clement	Sep 1	29.0	Jul 6	17.5	Feb 9	-1.6	Feb 14	-12.4
Boxworth	Sep 1	29.0	Aug 22	18.2	Feb 9	-3.5	Feb 9	-9.6
Cambridge Botanic Garden	Sep 1	29.5	Aug 22	17.9	Feb 7	-2.8	Feb 14, Dec 12	-10.0
National Institute of Agricultural Botany	Sep 1	28.6	–	–	Feb 7	-3.1	Feb 9	-9.5
March	Jul 11, Sep 1	29.4	Aug 6	17.7	Feb 7	-2.2	Dec 12	-8.9
Marholm	Sep 1	29.8	Aug 10	17.7	Dec 12	-2.0	Dec 11	-10.6
Mepal	Sep 1,2	29.5	Aug 6	17.3	Feb 7	-2.9	Feb 9	-11.7
Monks Wood	Sep 1	29.1	Aug 22	16.9	Feb 7	-2.7	Feb 9	-12.6
Wittering	Sep 1	28.6	Aug 10	17.3	Feb 8	-2.4	Feb 9	-9.3
Wyton	Sep 1	29.1	Aug 6	17.1	Feb 9	-3.4	Feb 10	-10.3
Brooms Barn	Jul 11	28.7	Aug 10	17.2	Feb 9	-3.4	Feb 10	-10.0
Cavendish	Jul 11	28.5	Aug 10	16.4	Feb 9	-3.5	Dec 12	-9.9
East Bergholt	Jul 11	29.0	Aug 11	17.8	–	–	–	–
Honington	Jul 11	30.0	Aug 10	17.6	Feb 9	-3.5	Feb 13	-10.0
Levington	Jul 11	27.5	Jul 30	19.5	Feb 6	-2.5	Feb 13	-8.6
Lowestoft	Jul 6	27.5	Aug 10	17.9	Feb 8	-2.8	Feb 13	-6.6
Wattisham	Jul 11	28.7	Jul 6	17.0	Feb 9	-4.1	Feb 13	-9.3
Westleton	Jul 6	26.4	Jul 30, Sep 1	17.4	Feb 6,8	-2.0	Feb 13	-7.6
Bedford	Sep 1	28.4	Aug 6	16.4	Feb 7	-3.3	Dec 12	-9.6
Woburn	Sep 1	28.6	Aug 22	17.0	Feb 9	-3.6	Dec 12	-10.6
Aldenham School	Sep 1	28.1	Aug 22	17.8	Feb 9	-4.0	Feb 10	-10.1
Rothamsted	Sep 1	27.7	Jul 6	17.2	Feb 9	-4.6	Feb 10	-10.2
Stanstead Abbotts	Jul 11, Sep 1	28.7	Jul 6	18.5	Feb 9	-3.2	Dec 12	-10.4
Clacton-on-Sea	Aug 10	26.8	Jul 30	18.9	Feb 7	-2.9	Feb 14	-7.8
Halstead	Jul 11	29.4	Aug 10	17.5	Feb 9	-3.8	Feb 10	-8.0
Rettendon	Jul 11	27.7	Aug 22	17.5	Feb 7, 8,9	-3.2	Feb 9	-8.2
Shoeburyness Landwick	Aug 10	27.2	Aug 10	18.8	Feb 7	-2.6	Feb 7,10	-7.3
Southend	Jul 11	26.9	Jul 30	18.3	–	–	–	–
Stansted	Jul 11	28.2	Jul 6	17.6	Feb 7	-3.9	Feb 14	-12.9
Writtle	Jul 11	28.6	Jul 6	17.7	Feb 7	-3.5	Feb 9	-10.6
4 MIDLAND COUNTIES								
Bradford	–	–	Jul 23, Aug 6	15.5	–	–	Feb 9	-7.2
Bramham	Jul 11	27.0	Aug 10	15.9	Dec 11	-2.8	Feb 9	-10.4
Emley Moor	Jul 11	26.0	Aug 22	15.0	Feb 8	-2.0	Feb 9	-7.5
Holme Moss	Jul 11	24.3	Aug 22	13.9	Feb 8	-4.1	Feb 7,10	-8.5
Leeds Weather Centre (X)	Jul 11	28.5	Aug 21	16.5	Dec 11	-2.6	Dec 11	-5.7
Wilsden	Jul 11	25.7	Jul 8	15.4	Feb 7	-2.0	Feb 9,10	-10.2
Finningley	Jul 29	28.6	Aug 11	17.2	Dec 11	-2.8	Feb 10	-10.6
Sheffield Weston Park	Jul 11	28.1	Aug 10	16.8	Dec 11	-1.3	Dec 12	-6.4
Ashover	Jul 11,29	26.7	Aug 11	15.7	Feb 8	-1.4	Feb 10, Dec 12	-7.7
Buxton	Jul 29	28.8	Jul 30	15.7	Feb 7	-2.3	Feb 9	-8.9
Wingerworth	–	–	–	–	–	–	–	–
Clarborough	Jul 11	28.8	Aug 22	17.5	Dec 11	-2.7	Feb 10	-11.1
Keyworth	Jul 29	28.2	Aug 11	16.6	Dec 11	-1.4	Feb 9, Dec 12	-9.8
Southwell	Sep 2	27.5	Aug 11	16.2	–	–	–	–
Sutton Bonington	Sep 1	28.3	Aug 10	17.5	Feb 8, Dec 11	-1.1	Feb 9	-10.2
Warsop	Jul 29	28.2	Aug 10	16.4	Dec 11	-1.9	Feb 9	-14.7

Table 10 Highest and lowest maximum and minimum temperature at each station

District and Place	Highest maximum °C and date		Highest minimum °C and date		Lowest maximum °C and date		Lowest minimum °C and date	
Nottingham W.C.	Jul 11	27.6	Aug 21	16.5	Feb 8	-1.6	Feb 9	-9.0
Wiseton	Jul 11, 29,30	27.5	Aug 11	16.5	Dec 11	-5.3	Feb 14	-13.4
Cellarhead	Sep 1	27.3	Jul 30	17.1	Feb 9	-2.6	Feb 10	-13.0
Keele	Jul 29	26.4	Jul 30	18.7	Feb 7	-1.1	Dec 12	-8.2
Penkridge	Jul 29	27.6	Aug 22	16.8	—	—	Feb 10	-10.5
Brooksby Hall	Sep 1	27.8	Aug 6,11	16.1	Feb 8	-1.5	Feb 14	-15.1
Caldecott	Sep 1	28.0	Aug 6	16.9	Dec 12	-3.2	Dec 12	-11.3
Cottesmore	Jul 29	27.6	Aug 10	17.0	Feb 8	-2.0	Feb 10	-11.3
Newtown Linford	Jul 29	27.7	Aug 10	16.5	Feb 8	-1.7	Feb 14	-9.9
Edge	Jul 29	27.5	Aug 10	16.5	Feb 7	-0.8	Feb 10	-10.3
Ludlow College	Jul 29	27.3	Jul 30	17.5	—	—	Feb 10	-9.6
Nethercott	Jul 29	26.5	Aug 10	16.3	Feb 7	-2.0	Feb 14	-9.3
Newcastle-on-Clun	—	—	—	—	Dec 11	-2.5	Feb 10	-11.2
Oswestry School	Jul 29	26.7	Jul 30	16.9	Dec 11	-2.0	Dec 12	-7.4
Pennerley	Jul 5	23.7	Jul 6	13.7	Jan 25	-1.3	Feb 9	-9.7
Preston Montford	—	—	—	—	—	—	—	—
Shawbury	Jul 29	27.5	Aug 10	16.6	Dec 11	-3.1	Feb 10	-9.0
Birmingham Elmdon Airport	Jul 29	28.5	Jul 30	16.9	Feb 7	-2.0	Dec 12	-10.6
Winterbourne	Jul 29	27.8	Jul 30	17.1	Feb 7	-2.5	Feb 14	-8.4
Halesowen	Jul 29	28.6	Jul 6	18.4	Feb 7	-2.1	Feb 14	-10.1
Walsall	Jul 29	28.6	Aug 22	16.5	Feb 9	-2.3	Feb 10	-9.3
Coventry (Bablake)	Jul 29	28.4	Jul 30	17.1	Dec 12	-3.0	Dec 12	-8.5
Rugby	Jul 29	27.4	Aug 10	16.9	Dec 12	-4.3	Dec 12	-9.7
Stratford-upon-Avon	Jul 29	28.3	Aug 10	16.7	Dec 12	-4.7	Feb 10	-12.2
Wellesbourne	Jul 29	29.2	Aug 22	16.7	Dec 12	-4.4	Feb 10	-11.6
Moulton Park	Sep 1	27.7	Aug 22	16.8	Feb 7	-3.5	Dec 12	-10.0
Raunds	Sep 1	29.0	Aug 10	17.3	Feb 7, Dec 12	-3.0	Feb 14	-9.6
Astwood Bank	Jul 29	27.5	Jul 11	16.6	Dec 12	-4.0	Feb 10	-10.2
Barbourne	Jul 29	30.5	Jul 30, Aug 11,22	17.2	Dec 12	-3.2	Feb 10	-14.6
Batchley Farm	—	—	—	—	—	—	—	—
Great Malvern	Jul 29	28.6	Aug 11	17.5	Dec 12	-3.0	Feb 14	-8.7
Lyonshall	Jul 29	26.2	Jul 6	16.2	Dec 11	-3.0	Dec 12	-8.8
Madley	Aug 21	27.0	Jul 6, Aug 10	16.6	Mar 4	-2.4	Feb 10	-14.0
Malvern	Jul 29, Aug 31	28.1	Aug 10,11	17.3	Dec 12	-3.2	Feb 14	-7.3
Pershore College of Hort	Jul 29	28.1	Aug 22	16.9	Dec 12	-4.8	Feb 10	-9.0
Preston Wynne	Jul 29	26.6	Aug 22	17.0	Dec 11	-3.8	Feb 14	-11.7
Ross on Wye	Jul 29	27.7	Aug 22	17.2	Dec 11	-3.2	Feb 10	-9.6
Cheltenham	Sep 3	28.3	Jul 6	16.4	Feb 7	-1.8	Dec 11	-10.1
Cirencester	Jul 6	27.2	Jul 30, Aug 11,22	16.0	Feb 7	-3.0	Dec 12	-10.6
Didbrook Fields	Jul 29	27.2	Jul 11	17.1	Feb 9	-3.8	Feb 10	-13.3
Randwick	Jul 29	26.1	Jul 6	16.0	Feb 7	-3.7	Dec 12	-9.7
Slimbridge	Jul 4,29	27.5	Jul 6	17.3	Dec 11	-3.5	Feb 10	-11.8
Westonbirt	Jul 29	26.2	Aug 11,22	15.8	Feb 7	-3.8	Feb 10	-10.7
Benson	Jul 29	27.9	Jul 11	18.1	Feb 9	-4.6	Feb 10	-10.8
Brize Norton	Jul 29	28.3	Jul 6	17.1	Feb 9	-3.0	Dec 12	-10.0
Oxford	Jul 29	27.4	Jul 6	17.7	Feb 9	-3.6	Dec 12	-9.7
Shirburn (Model Farm)	Sep 1	28.3	Jul 11	17.4	Feb 7	-3.8	Feb 10	-10.8
Wallingford	Jul 29	28.5	Aug 10	17.2	Feb 7	-3.5	Feb 10	-10.6
Grendon Underwood	Sep 1	27.7	Jul 6	17.1	Feb 8	-2.3	Dec 12	-13.3
5 ENGLAND S E & CENTRAL S.								
Greenwich	Sep 1	27.9	Jul 30	18.2	Feb 7	-3.0	Feb 10	-9.4
Hampstead	Sep 1	27.8	Jul 30	18.2	Feb 7	-4.0	Feb 7	-8.5
Heathrow Airport	Sep 1	29.7	Aug 22	18.3	Feb 7	-3.4	Feb 10	-8.9
Kew Royal Botanic Gardens	Sep 1	29.3	Aug 11	18.7	Feb 7	-3.5	Feb 10	-10.9
London Weather Centre	Sep 1	28.5	Aug 9	18.9	Feb 7	-3.2	Feb 7	-6.8
Northolt	Sep 1	29.4	Aug 22	18.4	—	—	Feb 10	-9.7
Northwood	Sep 1	28.5	Jul 6,30	17.5	Feb 7	-4.0	Feb 10	-8.4
St James's Park	Sep 1	28.5	Aug 22	19.0	Feb 7	-3.2	Feb 10	-8.3
Waltham Cross	Sep 1	29.0	—	—	Feb 7	-3.5	—	—
Boscombe Down	Jul 4,5	27.0	Jul 5	17.0	Feb 7	-4.2	Feb 7	-9.6
Lacock	Jul 29	27.7	Aug 22	16.8	Feb 7	-3.4	Dec 12	-10.0
Larkhill	Jul 5,29	26.4	Aug 22	16.0	Feb 7	-4.2	Feb 7	-10.5
Lyneham	Jul 29	27.4	Jul 11	16.8	Feb 9	-4.1	Feb 10	-9.4
Marlborough	Jul 29	27.4	Aug 11	17.4	Feb 7	-3.6	Dec 12	-10.6
Netheravon	Jul 29	27.0	Jul 5, Aug 6	15.3	Feb 9	-4.8	Feb 10	-10.8
Arborfield	Jul 29	28.0	Aug 11	16.8	Feb 7	-3.4	Dec 12	-10.5
Easthampstead	Jul 29	27.7	Aug 10	17.4	Feb 7	-4.4	Dec 12	-10.8
Hurley	Sep 1	27.7	Jul 30	17.2	Feb 7	-3.5	Dec 12	-10.0
Lambourn (Warren Farm)	Jul 29	26.3	Aug 11	15.6	Feb 9	-4.7	Feb 7	-8.2
Reading	Jul 29	27.6	Aug 10	17.1	Feb 7	-3.8	Dec 12	-8.9
Merrist Wood	—	—	—	—	Feb 7	-3.6	—	—
Mickleham	Jul 29	29.5	Jul 7	17.5	Feb 8	-3.0	Feb 8	-11.0
Wisley	Sep 1	28.8	Aug 11	17.3	Feb 7	-3.6	—	—
Anvil Green	—	—	—	—	—	—	—	—
Charing	—	—	—	—	—	—	—	—
East Malling	Aug 10	27.5	Aug 10	17.8	Feb 7	-3.6	Feb 7	-9.5
Edenbridge	—	—	Aug 11	16.8	Feb 8	-2.9	Feb 10	-10.9
Elmstone	Aug 10	28.9	Jul 6	16.9	Feb 7	-3.7	Dec 11	-9.6
Folkestone	Jul 29	26.5	Jul 29	17.6	Feb 7	-4.0	Feb 7	-8.1
Goudhurst	Sep 1	27.5	Aug 10	17.1	Feb 7	-4.6	Feb 7	-9.9
Hadlow College	Sep 1	28.2	Aug 10	17.8	Feb 7,8	-2.7	Feb 16	-10.5
Herne Bay	Aug 10	27.4	Jul 6,7	18.3	Feb 7	-3.8	Feb 7	-8.9
Manston	Aug 10	26.9	Aug 21	17.3	Feb 8	-3.6	Feb 7	-8.3
Margate, North Down	Jul 11	27.7	Jul 6, Aug 22	17.7	Feb 7	-3.2	Feb 7	-7.6
Ulcombe	—	—	—	—	—	—	—	—
Wye	Aug 10	27.0	Jul 29	17.8	Feb 7	-4.3	Feb 10	-9.8
Alice Holt Lodge	Jul 29	27.5	Aug 10	16.7	Feb 9	-3.3	Feb 7	-10.5
Butser, Windmill Hill	Jul 29	27.9	Sep 2	16.1	Feb 9	-3.3	Feb 8	-10.0
Everton	Jul 4	28.2	Jul 5	17.4	Feb 7	-4.1	Feb 7	-8.4
Hayling Island	Jul 4	27.9	Aug 22	17.6	Feb 7	-4.1	Feb 7	-8.9
Kingsclere, Strattons Farm	Jul 29	27.8	Aug 10	16.2	Feb 7	-4.2	Dec 12	-10.2
Leckford	Aug 10	26.3	Aug 10	16.2	Feb 7	-4.2	Feb 7	-10.3
Long Sutton	Jul 29	26.6	Aug 10	16.4	Feb 7	-4.8	Feb 10	-9.6
Martyr Worthy	Aug 10	28.0	Aug 10	16.8	Feb 7	-4.4	Feb 10	-10.4
Middle Wallop	Jul 29	28.0	Aug 10	16.9	Feb 7	-3.7	Feb 7	-9.6
Odiham	Jul 29	27.4	Aug 10	17.0	Feb 7	-4.8	Feb 7	-9.5
Otterbourne	Jul 5	28.8	Jul 6	17.9	Feb 7,9	-2.3	Feb 7	-9.4
Solent M R S C	Jul 4	29.4	Aug 11 Sep 15	17.5	Feb 7	-3.7	Feb 7	-8.6
Southampton Mayflower Park	Jul 4	29.5	Aug 10	17.4	Feb 7	-3.4	Feb 7	-8.6
Weather Centre (X)	Jul 4	29.7	Jul 5	17.5	Feb 7	-3.5	Feb 7	-8.4
South Farnborough	Jul 29	28.5	Aug 10	17.7	Feb 7	-3.9	Feb 10	-11.4
Southsea	Jul 4	28.1	Jul 5	18.6	Feb 7	-4.0	Feb 7	-8.6
Sparsholt	Jul 29	26.6	Aug 10	16.7	Feb 7,9	-3.8	Feb 10	-12.0
Ryde	Aug 10	25.2	Jul 5	17.9	Feb 7	-2.5	Feb 7	-7.2
St Catherines Point	Jul 4	27.0	Jul 5	18.5	Feb 7	-4.3	Feb 7	-8.0
Sandown	Sep 4	26.0	Jul 29	18.4	Feb 7	-3.1	—	—
Shanklin	Sep 4	25.6	Jul 5	17.1	Feb 7	-4.6	Feb 7	-7.9
Ventnor Park	Sep 4	25.2	Jul 5	18.6	Feb 7	-4.4	Feb 7	-8.1
Wellow	—	—	—	—	—	—	—	—
Bognor Regis	Jul 5	27.8	Jul 5, Aug 10	17.7	Feb 7	-4.2	Feb 7	-9.2
Gatwick Airport	Jul 29, Sep 1	28.0	Aug 10	17.4	Feb 7	-4.0	Feb 10	-12.1
Rogate	Jul 4,29	27.0	Sep 15	17.0	Feb 7	-4.0	Feb 8	-11.2
Rustington	Jul 5	27.6	Aug 22	17.7	Feb 7	-4.4	Feb 7,9	-9.2
Worthing	Jul 4	28.2	Jul 5	17.4	Feb 7	-3.3	Feb 7	-9.0
Bexhill	Sep 4	27.1	Jul 5	18.3	—	—	Feb 7	-8.4
Brede	—	—	—	—	—	—	—	—
Brighton	Jul 4	26.8	Jul 29	17.0	Feb 7	-5.2	Feb 7	-9.9
Eastbourne	Sep 4	26.9	Jul 5	18.2	Feb 7	-4.7	Feb 7	-7.5
East Hoathly	—	—	—	—	—	—	—	—
Hastings	Sep 4	27.1	Jul 29	18.4	Feb 7	-4.1	Feb 7	-8.8
Herstmonceux	Sep 4	26.5	Jul 5	17.1	Feb 7	-4.8	Feb 10	-9.8
Plumpton	Aug 26	27.1	Aug 22	17.1	Feb 7	-4.2	Feb 7	-9.6
7A ENGLAND NW & I.o.M.								
Aspatria	Jul 4	26.3	Jul 10	17.6	Feb 9	0.0	Feb 11	-7.1
Carlisle	Aug 30,31	25.0	Jul 28	17.8	Feb 9	0.5	Feb 14	-7.4
Casterton	Jul 30	26.9	Jul 11	17.4	Feb 9	0.1	Feb 14	-6.7
Eskmeals	Sep 2	28.5	Jul 6	20.1	Feb 7	2.1	Feb 11	-5.1
Grizedale	Sep 5	26.0	Jul 11	15.0	Jan 27, Feb 4	0.5	Feb 14, Dec 12	-7.2
Newton Rigg	—	—	Aug 10	16.5	Feb 9	-0.5	Feb 14	-8.6
Sellafield	Sep 2	27.3	Jul 6	17.6	Feb 9	1.7	Feb 11	-5.3
Stainburn	—	—	—	—	—	—	—	—
Whins Pond	—	—	—	—	—	—	—	—
Aughton	Jul 29	28.0	Jul 30	18.4	Dec 11	-0.4	Feb 10	-5.4
Hazelrigg	Jul 29	25.9	Jul 30	17.9	Feb 7,9	0.0	Feb 10	-5.7
Lathom Park	Jul 29	27.4	Jul 30	18.2	Dec 11	-0.2	Feb 7	-5.5
Morecambe	Jul 29	27.3	Jul 30	18.3	Dec 11	0.5	Feb 14	-4.6
Myerscough	Jul 29	27.4	Jul 11	18.2	Feb 4,7	1.6	Feb 14	-5.9
Preston	Jul 29	27.0	Jul 11	18.4	Feb 9	0.3	Feb 14	-5.4

Table 10 Highest and lowest maximum and minimum temperature at each station

District and Place	Highest maximum °C and date		Highest minimum °C and date		Lowest maximum °C and date		Lowest minimum °C and date	
Slaidburn	Jul 29	24.7	Jul 6,31	16.0	Feb 8	-1.0	Feb 10	-7.5
Squires Gate Airport	Jul 29	28.5	Jul 11	17.9	Dec 11	-0.2	Feb 14	-6.7
Aigburth	Sep 2	27.4	Aug 22	18.3	Dec 11	-2.2	Dec 11	-4.7
Bidston	Jul 29	27.8	Jul 30	18.2	Dec 11	-2.0	Dec 12	-4.9
Crosby	Jul 29	28.7	Jul 11,30	17.8	Dec 11	-0.6	Feb 7	-7.3
Southport, Greenbank	Jul 29	28.3	Jul 30	17.7	Dec 11	-0.2	Feb 7	-5.0
Bolton	—	—	—	—	—	—	—	—
Manchester Ringway Airport	Jul 29	28.6	Jul 10	18.1	Feb 9	-0.2	Dec 12	-7.1
Bradeley Green	Jul 29	26.9	Aug 10	16.9	Dec 11	-3.7	Feb 7	-7.1
Delamere Forest	Jul 29	27.0	Jul 30, Aug 22	16.5	Dec 14	0.5	Feb 14,15, Dec 11	-8.5
Knutsford	Jul 29	28.0	Aug 22	18.3	Dec 11	-1.2	Dec 11	-7.0
Macclesfield	Jul 29	27.4	—	—	—	—	—	—
Nantwich, Reaseheath Hall	Jul 29	28.5	Jul 30	17.5	Dec 11	-1.5	Dec 11	-8.4
Ness Gardens	Jul 29	28.6	Jul 30	20.5	Dec 11	-2.5	Dec 12	-5.6
Douglas	Sep 2	24.8	Jul 30	17.3	Feb 9	1.0	Feb 17	-2.5
Point of Ayre	Jul 27	23.2	Aug 22	16.2	Feb 7	1.9	Jan 13	-4.2
Ronaldsway Airport	Sep 2	26.5	Jul 30	17.6	Feb 7,9	2.0	Jan 13	-3.2
7B WALES N								
Aber	—	—	Aug 22	18.0	Feb 8	1.2	Feb 7	-4.0
Amlwch, Anglesey	Jul 29	24.5	Aug 22,29	16.0	Feb 7	0.9	Feb 7	-4.1
Arthog, Fegla Fach Farm	Jul 5, Sep 5	26.5	Jul 6	18.5	Feb 7	0.9	Feb 10	-6.6
Bala	Sep 5	25.6	Jul 6	16.6	Dec 11	-2.5	Feb 10	-11.6
Betws-y-Coed	Jul 29	27.5	Jul 6	16.7	Feb 9	0.1	Dec 11	-7.4
Botwnnog	Aug 27	27.3	Jul 6	17.3	Feb 7	0.9	Feb 8	-4.3
Dinorwic	Jul 29	24.9	Jul 5	16.9	Feb 7	-1.4	Feb 8	-6.6
Llanymawddwy	Sep 5	26.7	Jul 6	16.7	Dec 11	-1.3	Feb 10	-10.0
Nantmor	Jul 4,29, Sep 5	27.0	—	—	Feb 9	-1.2	—	—
Pen-y-Ffridd	Aug 31	26.0	Aug 22	17.8	Feb 7	0.9	Jan 29	-5.9
Trawsfynydd	Jul 4,29	25.9	Jul 6	16.3	Feb 7	-1.0	Feb 10	-7.6
Valley	Jul 29	27.3	Jul 30	17.4	Feb 7	1.7	Feb 10	-4.9
Alwen	Jul 29	24.4	Jul 6	15.4	Feb 8	-2.1	Feb 10	-10.6
Colwyn Bay	Jul 29	27.1	Aug 10	17.4	Feb 8	1.1	Feb 8	-4.4
Cynwyd	—	—	—	—	—	—	—	—
Hawarden Bridge	Jul 29	28.7	Aug 10	18.3	Dec 11	-1.5	Feb 14, Dec 12	-6.1
Llanarmon Dyffryn Ceiriog	Jul 29	25.0	Aug 10	15.7	Dec 11	-2.3	Dec 12	-8.4
Loggerheads	Jul 29	25.7	Aug 22	16.2	Feb 4	-0.7	Feb 10	-8.8
Moel-y-Crio	Jul 29	25.2	Jul 30	15.7	Feb 7	-1.7	Feb 10	-7.7
Prestatyn	—	—	—	—	—	—	—	—
Ruthin	Jul 29	26.6	Jul 11	17.3	Feb 7	-1.0	Feb 10	-7.0
Lake Vyrnwy	Jul 5,29	24.5	Jul 6	15.7	Dec 11	-3.2	Feb 10	-10.6
Llanfair Caereinion	Jul 29	26.0	Jul 6	15.1	Dec 11	-2.1	Feb 10	-8.6
Machynlleth	Jul 29	27.4	Jul 6	17.5	Dec 11	0.0	Feb 10	-9.3
Moel Cynnedd	Jul 29	24.6	Jul 6	15.3	Feb 9	-2.8	Feb 10	-13.7
Newtown	Jul 29	26.6	—	—	Dec 11	-2.6	—	—
8A WALES S								
Aberporth	Jul 4	27.1	Jul 6	16.9	Feb 7	0.3	Feb 8	-6.3
Brawdy	Jul 5	26.9	Jul 5,6	16.0	Feb 7	0.4	Feb 10	-6.7
Carmarthen Museum	Jul 5	27.5	Jul 6	17.7	—	—	—	—
Cwmystwyth	Jul 29	24.6	Jul 6	17.4	Feb 7	-2.7	Feb 10	-12.8
Dale Fort	Jul 5	25.8	Jul 5	16.6	Feb 7	1.0	—	—
Gogerddan	Jul 29	26.9	Jul 6	18.8	Feb 9	-2.7	Feb 10	-9.1
Milford Haven	Jul 5	26.9	Jul 5	17.1	Feb 9	-0.2	Feb 8	-5.6
Orielton	Jul 5	26.8	Jul 5	16.7	Feb 7	0.3	Feb 10	-7.6
Rhandirmwyn	Jul 29	25.5	Jul 6	16.8	Feb 7	-1.7	Feb 10	-12.0
Saron	Jul 4	26.6	—	—	Feb 7	-1.5	—	—
Scolton Country Park	Jul 5	27.3	Jul 5	16.4	Feb 7	0.3	Feb 10	-7.9
Skokholm Island	—	—	—	—	—	—	—	—
St Clears	—	—	—	—	Feb 7	0.3	Feb 10	-9.0
Swyddffynnon	Jul 29	24.9	Jul 11	17.1	Feb 9	-3.5	Feb 10	-13.5
Talgarreg	Jul 4	25.9	Jul 5,6	16.5	Feb 7	-2.0	Feb 10	-9.9
Tenby	Jul 5	25.3	Jul 5	16.9	—	—	—	—
Towy Castle	Jul 5	26.2	Jul 6	16.3	Feb 9	-3.2	Feb 10	-8.2
Whitechurch	Jul 5	27.3	Jul 6	16.9	Feb 7	-0.4	Feb 10	-9.0
Bronydd Mawr	Jul 3	24.7	Jul 11	15.1	Feb 8	-4.7	Feb 10	-12.5
Llangenny	Jul 29	26.0	Jul 30	17.1	Feb 7	-3.0	Feb 10	-8.5
Llangunllo	Jul 29	24.1	Jul 30	16.0	Feb 7	-2.5	Feb 10	-10.7
Llysdinam	Jul 29	25.6	Jul 30	16.6	Dec 11	-3.0	Feb 10	-13.5
Pencelli	—	—	—	—	—	—	—	—

District and Place	Highest maximum °C and date		Highest minimum °C and date		Lowest maximum °C and date		Lowest minimum °C and date	
Presteigne	Jul 29	25.4	Jul 6	15.7	Dec 11	-2.1	Feb 10	-10.1
St Harmon	—	—	—	—	—	—	—	—
Velindre	Jul 29	26.2	Aug 22	17.3	Dec 11	-2.7	Feb 10	-11.6
Mumbles Head	Jul 5	25.1	Jul 5	18.2	Feb 7,9	-2.0	Feb 10	-6.5
Neath	Jul 29	27.3	Jul 5	18.3	Feb 7	-2.3	Feb 10	-8.5
Penmaen	Jul 5	26.9	Jul 5	17.0	Feb 7	-2.6	Feb 10	-8.2
Swansea	Jul 5	29.4	Jul 5	19.1	Feb 7	-1.6	Feb 10	-7.7
Ciltynydd	Jul 29	27.0	Jul 11	16.4	Feb 7	-4.3	Feb 10	-9.9
Cwmbargoed	Jul 29, Aug 26	24.5	Aug 22	15.0	Feb 7	-4.7	Feb 7	-9.9
Porthcawl	Jul 5	27.7	Jul 5	17.3	Feb 7	-2.0	Feb 9	-8.2
Cardiff Bute Park	Jul 5	27.8	Aug 22	18.1	Feb 7	-2.5	Feb 10	-7.7
Cardiff Weather Centre (X)	Jul 5	28.1	Jul 11	17.9	Feb 7	-2.5	Feb 7	-6.2
Flat Holm	Aug 31	26.3	Aug 11	17.6	—	—	—	—
Rhoose Airport	Jul 5	26.2	Aug 21	16.4	Feb 7	-3.2	Feb 10	-8.8
Crossway	Jul 5,29, Aug 26	26.5	Jul 6	15.5	Dec 12	-3.0	Feb 7	-7.0
Llanishan	—	—	—	—	—	—	—	—
Tredegar, Bryn Bach Park	Jul 29	24.6	Jul 11	14.6	Feb 7	-5.0	Feb 10	-11.0
Usk	Jul 4	26.9	Aug 11	17.2	Dec 12	-2.7	Feb 10	-12.0
8B ENGLAND SW								
Bristol Weather Centre	Jul 29	27.8	Jul 10	17.9	Feb 7	-2.2	Feb 7	-6.6
Long Ashton	Jul 4,5	26.2	Jul 11	17.9	Feb 7	-3.1	Dec 12	-7.9
Weston Super Mare	Jul 29	27.5	Aug 11	16.9	—	—	—	—
Brymore	Jul 5	27.8	Aug 11	18.2	Feb 7	-2.5	Dec 12	-8.3
Castle Cary	—	—	—	—	Feb 7	-4.5	Feb 8	-9.5
Downside Abbey	Jul 5	26.1	Aug 11	15.5	Feb 7	-4.2	Feb 7,10	-9.3
Minehead	Aug 31	26.9	Aug 6,22	17.5	Feb 7	-2.1	Feb 7	-6.1
Nettlecombe	Jul 5	26.4	Aug 6	16.0	Feb 7	-3.0	—	—
Nettlecombe (Birds Hill)	Jul 5	24.6	Aug 6	15.5	Feb 7	-4.4	Feb 8	-9.6
Rodney Stoke	Jul 5	27.0	Aug 22	17.2	Feb 7	-2.9	Feb 14	-8.5
Tivington	Aug 31	26.5	Aug 22	17.0	Feb 7	-2.8	Feb 10	-8.0
Yeovilton	Jul 5	28.3	Aug 22	16.8	Feb 9	-4.0	Feb 10	-13.5
Bournemouth Hurn Airport	Jul 4	29.3	Jul 5	17.1	Feb 7	-3.1	Feb 8	-10.9
Bournemouth Kings Park	Jul 4	29.6	Jul 5	17.5	Feb 7	-2.4	Feb 7	-9.3
Christchurch	Jul 5	28.4	—	—	Feb 8	-3.1	Feb 8	-8.7
Fontmell Magna	Jul 5	28.3	Jul 5	17.2	Feb 9	-3.2	Feb 10	-11.2
Lower Kingcombe	Jul 5	26.9	Jul 5	16.0	Feb 7	-4.2	Feb 10	-12.5
Poole	Jul 4	28.8	Jul 5	18.0	Feb 7	-2.1	Feb 7	-7.9
Portland Bill (Coastguard)	Sep 4	24.5	Sep 2	15.8	Feb 7	-3.4	Feb 7	-8.4
Swanage	Aug 27 Sep 4,10	23.0	Jul 5, Sep 15	17.0	Feb 7	-2.5	Feb 8,10	-6.6
Weymouth	Jul 4	26.9	Jul 5	17.2	Feb 7	-3.3	Feb 8	-9.0
Winfrith	Jul 4	28.2	Jul 5, Aug 22	17.0	Feb 7	-4.0	Feb 8	-8.8
Burrington	—	—	—	—	—	—	—	—
Chivenor	Jul 29	27.5	Jul 5	17.8	Feb 7,9	-2.0	Feb 9	-9.0
Dunkeswell	—	—	—	—	—	—	—	—
Exeter Airport	—	—	—	—	—	—	—	—
Exmouth	Jul 5	25.7	Jul 5	17.9	Feb 7	-4.1	Feb 7	-8.4
Gawlish	Aug 31	25.0	Jul 5	17.2	Feb 7	-1.8	Feb 7,8	-6.9
Hemyock	Jul 5	25.9	Jul 5	16.1	Feb 7	-4.6	Feb 7	-9.5
Ilfracombe	—	—	—	—	—	—	—	—
Lundy	—	—	—	—	—	—	—	—
Melbury	Jul 5	26.3	Jul 5	16.0	Feb 7	-3.0	Feb 10	-11.5
North Wyke	Jul 5	26.2	Jul 5, Aug 6	16.2	Feb 7	-4.1	Feb 10	-9.5
Plymouth Mount Batten	Jul 4,5	26.1	Jul 5	19.6	Feb 7	-3.0	Feb 8	-7.0
Princetown	Jul 5	22.9	Jul 5	15.7	Feb 8	-6.0	Feb 7	-11.6
Rumleigh	Jul 5	28.1	Jul 5	18.5	Feb 7	-3.0	Feb 9	-10.0
Saunton Sands	—	—	—	—	—	—	—	—
Sidmouth	Jul 4	27.5	Jul 5	17.4	Feb 7	-3.6	Feb 7	-8.0
Slapton	Aug 27	24.0	Sep 4	17.5	Feb 7	-1.3	Feb 10	-6.8
Teignmouth	Aug 10	25.8	Jul 5	17.3	Feb 7	-3.5	Feb 8	-7.5
Torbay (Torquay)	Jul 5	26.8	—	—	Feb 7	-3.3	Feb 10	-7.0
Twist	Jul 5	25.7	Aug 22	15.4	Feb 7	-4.5	Feb 7	-10.3
Yarner Wood	—	—	Jul 5	17.6	—	—	Feb 7	-9.7
Bastreet	Jul 5	25.7	Jul 5	17.5	Feb 7	-5.5	Feb 10	-11.3
Bude	Jul 5	27.9	Aug 6	16.7	Feb 7	-1.5	Feb 10	-8.7
Camborne	Aug 27	24.1	Sep 5	17.7	Feb 7	-0.6	Feb 7,8	-6.8
Culdrose	Aug 27	22.7	Jul 5, Sep 4	16.7	Feb 7	-2.3	Feb 8	-8.4

Table 10 Highest and lowest maximum and minimum temperature at each station

District and Place	Highest maximum °C and date		Highest minimum °C and date		Lowest maximum °C and date		Lowest minimum °C and date	
Falmouth	–	–	–	–	–	–	–	–
Gwennap Head	Aug 27	22.5	Sep 3	16.8	Feb 7	-2.5	Feb 11	-5.7
Lizard	Sep 3	23.0	Sep 5	16.4	Feb 7	-1.5	Feb 8	-8.5
Lizard Lighthouse	May 24	22.2	Sep 4	17.0	Feb 7	-2.0	Feb 8	-5.3
Newquay	–	–	–	–	–	–	–	–
Penzance	Aug 27	24.3	Sep 4	16.8	Feb 7	0.2	Feb 10	-6.2
Scilly (St Mary's)	Aug 27	22.1	Sep 5	17.9	Feb 8	2.1	Feb 8	-4.3
St Ives	Sep 4	22.5	Aug 6, Sep 16	16.5	Feb 7	1.5	Feb 7	-5.5
St Mawgan	Jul 4	26.2	Jul 4	17.6	Feb 7	-2.1	Feb 9	-7.2
Tregastic	Jul 5	26.0	Jul 5	18.5	Feb 7	-3.2	Feb 7	-7.9
CHANNEL ISLANDS								
Guernsey								
Airport	Aug 21	26.3	Jul 29	17.5	Feb 7	-3.5	Feb 7,8	-7.2
L'Ancresse	Aug 21	26.7	Aug 3,22	16.0	Feb 8	0.5	Feb 7,8	-7.0
Jersey								
Airport	Aug 21	28.6	Jul 5	17.8	Feb 7	-4.0	Feb 7	-8.7
Gorey Castle	–	–	–	–	–	–	–	–
St Helier	Aug 21	29.9	Jul 5, Aug 3,22	17.0	Feb 7	-3.8	Feb 8	-8.2
Trinity States Farm	Aug 21	27.8	Aug 20	16.8	Feb 7	-1.5	Feb 8	-8.5
NORTHERN IRELAND								
Banagher (Caugh Hill)	Jul 4	24.0	Jul 6,28,31	14.5	Jan 8	0.0	Feb 10	-5.0
Carmoney	Jul 30	24.2	Jul 8,31, Aug 10	15.2	Jan 8, Feb 7	1.5	Jan 31	-6.2
Castledawson Hillhead	Aug 29	24.8	Jul 28, Aug 10	15.4	Feb 7	2.3	Feb 11	-5.6
Coleraine University	Jul 5	24.4	Jul 28	16.3	Feb 7	2.3	Feb 2	-6.0
Lough Fea W.Wks	Aug 29	24.5	Jul 5	15.5	Feb 5,9	0.1	Jan 13	-7.0
Moydamlaght	Jul 4	24.9	Aug 9	15.3	Jan 8	0.3	Feb 14	-4.5
Moyola Waterworks	–	–	–	–	–	–	–	–
Altnahinch	Sep 4	22.9	Jul 28, Aug 10	14.5	Jan 8	0.0	Feb 11	-4.5
Belfast								
Aldergrove Airport	Aug 29	25.0	Aug 10	16.0	Jan 8	0.8	Feb 13	-5.8
Newforge	Aug 29	26.4	Sep 14	16.9	Feb 4,9	2.5	Jan 31	-4.6
Oldparkfilters	Aug 29	25.5	Aug 10	16.2	Feb 7	1.5	Jan 13	-6.5
Carnlough	Jul 29	22.9	Aug 9	14.8	Jan 8	2.4	Mar 28	-5.3
Dungonnell Filters	Aug 29	22.1	Jul 28, Aug 10	14.0	Feb 5,7	0.0	Feb 10	-5.6
Garron Tower	Jul 4	23.0	Aug 30	16.3	Jan 8	2.3	Feb 13	-1.8
Greenmount	Sep 2	25.2	Aug 10	16.2	Jan 8	1.2	Feb 14	-5.6
Jordanstown Rostulla	Jul 4, Aug 29	24.3	Sep 14	16.9	Jan 8	2.0	Jan 13	-4.2
Larne Harbour	Jul 27	24.1	Jul 28	16.7	Jan 8	3.0	Feb 13	-1.5
Lowtown	Aug 29	23.8	Aug 10	14.9	Jan 8, Feb 4	0.6	Jan 31	-4.4
Movanagher Fish Farm	Jul 7	27.0	Aug 26	17.0	Dec 8	0.5	Feb 11	-6.5
Parkmore Forest	Aug 29	22.0	Nov 28	40.6	Feb 7,9	0.6	Jan 5	-3.5
Woodburn North	Jul 5, 7,31	22.0	Jul 28	13.0	Feb 5	-1.1	Jan 31	-3.3
Ballykine Rockvale	Aug 29	25.2	Jul 6	14.6	Jan 8, Feb 7	1.0	Feb 10	-3.9
Ballywatticock	Jul 29	24.6	Aug 10	16.7	Feb 7	1.5	Feb 14	-4.4
Belfast								
Ravenhill Road	Aug 29	27.4	Aug 10	16.9	Feb 7	1.6	Feb 13	-4.5
Stormont Castle	Aug 29	24.9	Sep 14	15.9	Feb 9	2.1	Feb 13	-3.3
Bryansford	Sep 2	24.2	Aug 10	16.7	Feb 7	0.8	Feb 2,11,13	-2.6
Downpatrick, Killavees	Aug 29	26.0	Aug 10	16.7	Feb 9	1.9	Jan 13	-3.9
Helens Bay	Aug 29	26.0	Aug 10	16.5	Feb 4	1.8	Jan 13	-2.7
Hillsborough	Aug 29	24.7	–	–	Feb 7	0.2	–	–
Killough	–	–	–	–	–	–	–	–
Long Kesh	Aug 29	25.6	Sep 13	16.6	Feb 7	1.0	Feb 2	-6.6
Lough Cowey	Jul 29, Sep 2	23.4	Aug 10	16.8	Feb 9	2.5	Jan 31	-6.8
Magherally	Aug 29	25.2	Aug 10	16.1	Feb 7	0.6	Feb 11	-8.6
Murlough	Jul 29	24.1	Aug 10	17.2	Feb 7	1.4	Jan 13	-4.5
Newry, Carnbane	–	–	Aug 10 Sep 14	16.9	Feb 9	1.5	Feb 11	-7.5
Saintfield Rowallane	Aug 29	25.0	Jul 30	17.6	Feb 7	0.3	Jan 13	-5.0
Silent Valley	Aug 29	23.6	Jul 30	17.0	Feb 7	0.9	Feb 2	-3.0
Trassey Slievenaman	Aug 29	24.0	Aug 10	15.5	Feb 9	0.2	Feb 11	-7.0
Annaghmore	Aug 29	26.2	Aug 10	16.4	Feb 7	0.6	Jan 13	-8.0
Armagh	Aug 29	25.7	Sep 14	16.5	Feb 7	1.2	Feb 10	-6.0
Castor Bay	Sep 2	26.6	–	–	Feb 7	0.9	Feb 14	-6.5
Loughgall	Aug 29	25.3	Aug 10	16.7	Feb 7	0.6	Feb 14	-7.4
Tandragee, Ballylisk	Jul 29, Aug 29	27.2	Aug 10 Sep 14	16.0	Feb 7	1.7	Jan 31	-7.0
Baron's Court	Jul 4	24.6	Jul 30	16.9	Jan 8, Feb 7	0.1	Jan 31	-4.7
Carrigans	Sep 4	25.4	Jul 30	16.1	Jan 8	0.5	Jan 31	-5.9
Cookstown	Aug 29	26.0	Jul 31	14.8	Feb 9	0.1	Jan 13	-6.8
Edenfel	Jul 4,7	25.2	–	–	Jan 8, Feb 7	0.1	Jan 31	-7.2
Fivemiletown	–	–	–	–	Feb 7	2.9	Feb 10	-7.0
Lough Bradan W.Wks	Jul 4	23.3	Jul 30	15.0	Jan 8	0.1	Jan 31	-5.1
Strabane Glen Road	Jul 30	25.2	Aug 10	15.7	Jan 8	0.5	Jan 31	-5.0
Castle Archdale Forest	–	–	Jul 30	15.6	Feb 7	0.6	Feb 11	-7.0
Corgary	Jul 4	24.8	Jul 6	15.0	Feb 7	1.7	Feb 8	-3.2
Knockarevan	Jul 4	26.1	Jul 30, Aug 10	15.0	Jan 8	1.8	Feb 8,9,11	-4.5
Lisnaskea	Sep 5	25.6	Aug 10	16.3	Jan 8	1.3	Jan 31	-7.5
Lough Navar Forest	–	–	Aug 10	15.2	Jan 8	0.5	Jan 31	-8.0

Table 11 Number of days on which the duration of sunshine hours was between given limits in each month

Station	January					February					March					April					May					June				
	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0
Lerwick	15	11	5	0	0	11	10	6	1	0	13	10	3	3	2	3	7	8	5	7	3		2	6	7	3	9	8	4	6
Kirkwall	9	13	8	1	0	13	7	6	2	0	7	12	6	5	1	2	11	3	7	7	5	11	2	6	7	3	8	8	6	5
Stornoway	13	13	2	3	0	9	7	11	1	0	7	12	5	6	1	4	13	5	3	5	5	11	3	8	4	3	8	5	9	5
Nairn	6	14	8	3	0	3	15	10	0	0	7	15	5	2	2	2	7	8	6	7	5	7	7	4	8	0	9	11	6	4
Craibstone	8	10	8	5	0	9	10	3	6	0	5	14	8	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Leuchars	7	13	9	2	0	8	9	7	4	0	8	11	7	4	1	1	5	8	8	8	3	7	7	5	9	1	9	8	7	5
Abbotsinch	14	11	2	4	0	8	8	9	3	0	9	12	3	3	4	5	9	6	3	7	1	7	6	9	8	0	9	6	5	10
Eskdalemuir	18	8	1	4	0	7	11	6	4	0	9	15	2	2	3	5	8	4	7	6	1	12	9	4	5	0	15	8	5	2
Boulmer	6	10	10	5	0	14	9	1	4	0	5	12	10	4	0	0	10	7	6	7	5	8	6	7	5	1	4	9	9	7
Leeming	9	11	9	2	0	10	10	6	2	0	8	16	6	1	0	0	14	6	5	5	6	9	7	6	3	1	11	10	5	3
Cambridge (N I A B)	10	10	6	5	0	7	17	2	2	0	6	12	7	3	3	1	9	8	6	6	6	9	8	3	5	2	12	9	5	2
Lowestoft	9	10	12	0	0	11	10	5	2	0	4	9	10	7	1	2	6	6	7	9	4	12	3	1	11	1	11	5	10	3
Finningley	8	11	5	7	0	10	11	2	5	0	5	16	5	5	0	4	7	8	5	6	6	7	9	5	4	3	9	7	8	3
Shawbury	11	10	9	1	0	8	12	4	4	0	10	9	6	6	0	3	9	7	6	5	3	10	8	5	5	1	10	8	7	4
Elmdon	9	10	10	2	0	10	11	2	5	0	7	14	7	2	1	6	7	6	5	6	6	8	7	6	4	4	8	7	8	3
Heathrow	12	9	5	5	0	7	14	4	3	0	5	13	5	4	4	3	5	10	7	5	3	12	5	5	6	4	7	8	8	3
Southampton	11	10	6	4	0	6	10	7	5	0	9	9	5	6	2	5	5	7	7	6	3	7	4	13	4	3	8	8	7	4
Hastings	12	8	5	6	0	7	10	7	4	0	9	6	7	5	4	4	5	4	6	11	2	10	9	6	4	5	5	10	7	3
Squires Gate	9	11	7	4	0	5	14	4	5	0	7	14	5	4	1	5	8	3	5	9	1	12	7	5	6	2	8	4	8	8
Douglas	11	13	4	3	0	8	11	6	3	0	10	13	2	3	3	6	6	4	9	5	1	7	8	6	9	3	13	5	4	5
Valley	8	9	11	3	0	6	8	7	7	0	8	13	3	3	4	4	8	6	5	7	1	7	8	8	7	4	7	4	8	7
Aberporth	10	8	8	5	0	7	8	9	4	0	10	4	9	5	3	3	8	8	4	7	3	5	10	6	7	1	8	10	3	8
Rhoose	12	8	9	2	0	8	8	6	6	0	10	8	4	6	3	4	7	4	6	9	3	5	8	10	5	6	5	6	5	8
St Mawgan	13	7	5	6	0	6	5	7	8	2	9	6	7	4	5	3	7	7	6	7	1	7	6	6	11	4	5	7	8	6
Aldergrove	9	14	4	4	0	7	15	2	4	0	11	8	5	5	2	6	7	4	8	5	1	13	7	3	7	1	16	5	4	4
Armagh	10	9	11	1	0	10	12	3	3	0	9	10	7	3	2	4	8	5	6	7	1	11	9	4	6	3	11	9	5	2

Station	July					August					September					October					November					December				
	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0	0.0	0.1–3.0	3.1–6.0	6.1–9.0	Over 9.0
Lerwick	4	13	7	2	5	2	11	9	7	2	6	7	8	7	2	12	11	7	1	0	13	14	3	0	0	23	7	1	0	0
Kirkwall	4	14	5	3	5	0	11	8	6	6	3	8	9	6	4	12	10	5	4	0	11	16	3	0	0	20	8	3	0	0
Stornoway	5	11	3	2	10	4	9	8	7	3	3	12	9	4	2	9	15	5	2	0	13	13	3	1	0	22	7	2	0	0
Nairn	4	11	8	3	5	0	8	11	9	3	1	10	7	9	3	8	14	4	5	0	6	18	5	1	0	11	16	4	0	0
Craibstone	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Leuchars	2	11	3	8	7	2	3	10	8	8	3	7	3	10	7	9	10	4	8	0	8	12	6	4	0	8	18	5	0	0
Abbotsinch	0	14	2	10	5	1	11	9	6	4	0	8	11	7	4	12	8	9	2	0	10	11	5	4	0	17	12	2	0	0
Eskdalemuir	2	13	7	3	6	2	10	10	5	4	3	11	5	5	6	12	11	5	3	0	15	9	4	2	0	16	10	5	0	0
Boulmer	2	9	8	7	5	2	5	7	10	7	1	7	7	8	7	11	11	3	6	0	10	9	7	4	0	7	11	13	0	0
Leeming	2	7	5	9	8	2	6	4	8	11	1	9	6	9	5	11	9	5	5	1	11	9	8	2	0	14	10	7	0	0
Cambridge (N I A B)	0	8	6	7	10	0	7	3	13	8	4	5	3	11	7	5	14	4	7	1	11	12	6	1	0	14	11	6	0	0
Lowestoft	0	8	4	8	11	0	6	2	7	16	2	7	6	7	8	9	13	3	6	0	14	7	9	0	0	15	9	7	0	0
Finningley	0	4	7	9	11	0	7	5	8	11	3	2	8	9	8	8	11	6	6	0	12	11	6	1	0	16	9	6	0	0
Shawbury	1	6	9	7	8	1	6	7	9	8	3	5	4	13	5	13	5	5	8	0	14	9	5	2	0	18	9	4	0	0
Elmdon	1	4	11	6	9	2	4	5	10	10	3	3	6	14	4	9	11	4	5	2	12	9	7	2	0	17	9	5	0	0
Heathrow	2	5	6	5	13	1	5	4	6	15	1	7	4	9	9	5	14	6	5	1	8	15	6	1	0	14	8	7	2	0
Southampton	2	3	6	8	12	0	5	3	3	20	1	8	9	7	5	7	13	5	5	1	10	12	7	1	0	15	8	7	1	0
Hastings	3	7	4	5	12	1	1	0	9	20	2	4	6	7	11	5	10	7	7	2	10	12	5	3	0	12	8	7	4	0
Squires Gate	0	5	11	8	7	3	9	5	7	7	–	–	–	–	–	8	11	6	6	0	7	14	5	4	0	16	9	6	0	0
Douglas	2	15	6	3	5	4	11	6	8	2	3	6	6	10	5	12	10	4	5	0	17	6	6	1	0	19	8	4	0	0
Valley	1	8	11	4	7	3	8	5	4	11	1	7	4	10	8	7	9	7	8	0	12	12	5	1	0	16	6	8	1	0
Aberporth	0	11	5	9	6	2	3	8	8	10	1	6	8	6	9	9	8	6	8	0	14	14	2	0	0	17	8	6	0	0
Rhoose	1	8	8	5	9	0	9	3	5	14	2	5	3	11	9	8	9	8	6	0	9	12	6	3	0	20	5	5	1	0
St Mawgan	3	12	4	8	4	1	7	8	5	10	2	6	6	9	7	7	11	4	9	0	10	11	6	3	0	17	5	9	0	0
Aldergrove	1	12	9	5	4	3	7	8	6	7	0	9	8	7	6	9	11	8	2	1	13	8	9	0	0	18	9	4	0	0
Armagh	0	13	10	4	4	3	8	9	4	7	1	6	6	15	2	10	10	8	3	0	10	10	9	1	0	19	7	5	0	0

Table 12 Number of days with rainfall between given limits

Station	0.0 – 0.1mm	0.2 – 1.0mm	1.1 – 5.0mm	5.1 – 10.0mm	10.1 – 15.0mm	15.1 – 20.0mm	20.1 – 25.0mm	Over 25.1mm	Station	0.0 – 0.1mm	0.2 – 1.0mm	1.1 – 5.0mm	5.1 – 10.0mm	10.1 – 15.0mm	15.1 – 20.0mm	20.1 – 25.0mm	Over 25.1mm
Lerwick	112	73	96	45	23	11	4	1	Cambridge (N I A B)	227	55	55	19	4	4	1	0
Kirkwall	128	60	115	41	10	9	0	2	Lowestoft	212	60	68	23	2	0	0	0
Wick	135	84	100	34	8	0	4	0	Shoeburyness	229	46	66	17	5	1	1	0
Stornoway	126	59	115	36	18	4	3	4	Bradford	196	52	63	30	13	7	3	1
Nairn	193	64	74	22	12	0	0	0	Elmdon	213	57	61	21	6	2	1	4
Braemar	150	73	77	42	11	9	0	3	Preston Wynne	220	39	71	19	8	4	2	2
Craibstone	182	63	72	28	13	2	1	4	Heathrow	231	51	47	21	9	3	1	2
Leuchars	194	58	72	26	13	0	2	0	Southampton	222	39	61	24	10	4	4	1
Dunstaffnage	145	44	75	44	17	17	15	8	Hastings	220	36	63	22	15	5	1	3
Abbotsinch	176	55	61	38	16	10	5	4	Squires Gate	194	50	75	23	13	6	4	0
Rothesay	168	43	58	53	19	7	8	9	Douglas	175	52	69	36	20	9	1	3
Eskdalemuir	140	62	75	32	21	12	10	13	Valley	179	61	84	31	5	3	1	1
Creebridge	172	49	65	33	22	16	3	5	Aberporth	186	56	70	37	9	3	1	3
Boulmer	183	76	78	17	5	5	1	0	Long Ashton	190	51	65	32	10	11	4	2
Durham	196	52	81	29	4	3	0	0	St Mawgan	169	42	79	52	13	7	2	1
Scarborough	—	—	—	—	—	—	—	—	Aldergrove	160	56	99	32	9	4	3	2
Cranwell	233	46	64	18	1	1	1	1	Armagh	174	67	78	29	14	1	1	1

Table 2 Additions and Corrections

Year / Month / Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
CORRECTIONS 1991												
May												
London W.C.											8.3	
Cambourne					18.9						10.5	
October												
Sutton Bonnington											2.9	
January												
Sunderland Poly												
Delete data in toto												
February												
Sunderland Poly												
Delete data in toto												
March												
Sunderland Poly												
Delete data in toto												

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