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**SNOW SURVEY  
OF  
GREAT BRITAIN  
1979/80**

Met 0 3 (Climatological Services)

December 1980

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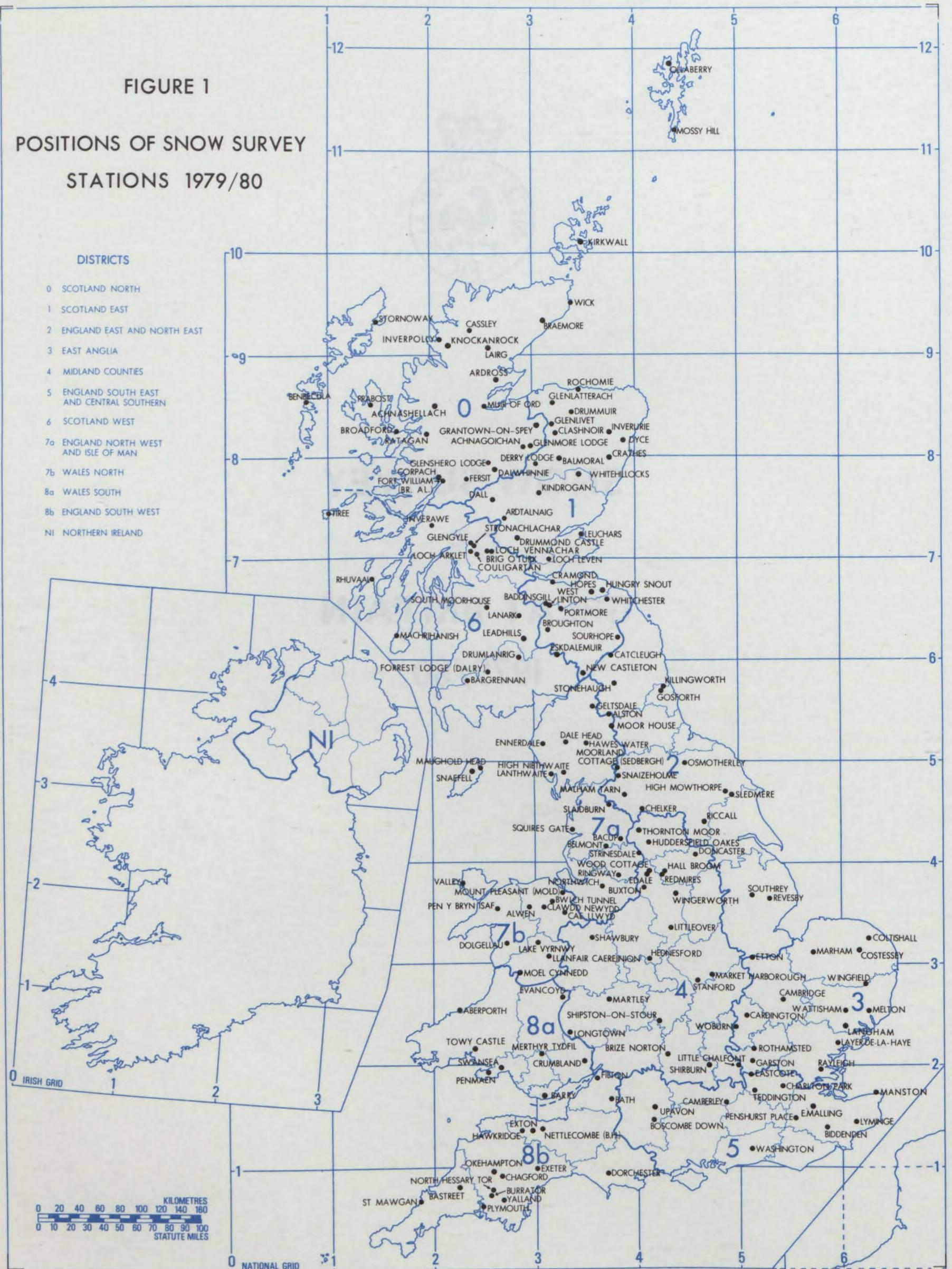
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FIGURE 1

POSITIONS OF SNOW SURVEY STATIONS 1979/80



## 1. Introduction

The material from which this report is compiled has been obtained largely from daily records provided by a special network of observers; these reports are supplemented by snow data from routine climatological returns as mentioned below. Most of the observers in the special Snow Survey network are, however, also associated with stations which submit rainfall or other weather information to the Meteorological Office. In the majority of cases these snow data are observed at the same sites. Observers send their reports to the Meteorological Office each month throughout the main snow-liability season which is taken to begin in October and to end the following May. A few observers mainly in Scotland provide special reports throughout the year and their data for the summer of 1979 have been incorporated as brief notes in the text.

Observers report days on which snow or sleet\* is known to have occurred at the station at some time and days with snow lying and the total depth of undrifted snow at the station normally at about 09 GMT. Observers also send, where possible, notes on snow cover in the surrounding hills or mountains at various heights (at intervals of about 150 metres) even if snow cover does not extend down to station level. Snow lying at the station and snow cover in the hills or mountains implies that the ground is at least half-covered with snow.

The reports from the Snow Survey network have been supplemented by snow information given by stations sending monthly climatological returns to the Meteorological Office. These data are published in the *Monthly Weather Report* of the Meteorological Office by Her Majesty's Stationery Office. Data for a selection of these stations have been included in this report particularly to supplement information over the high ground and to fill gaps in the network; these stations are distinguished by the sign # in Table 3. Use has also been made of the *Monthly Weather Report* and returns from stations appearing in it to provide data for Tables 1 and 2.

Without the co-operation of those responsible for voluntary observations this report could not have been prepared and the Meteorological Office expresses its thanks to all concerned.

## 2. Presentation of the data

### 2.1 Text

The first part of the text summarizes month by month the snow observations made in Scotland during the

summer of 1979. The main report commences with a general description of the 1979/80 snow season in terms of the total number of days with snow falling and lying. Notes on each individual month then follow; these include details of mean temperature, total precipitation, times of snowy periods and frequencies of days of snow falling and lying. It should be borne in mind that such short descriptions are necessarily in very general terms in view of the nature of snow and its occurrence.

### 2.2 Tables

The tables supplement the descriptive text.

*Table 1* provides a comparison of the snow seasons from 1946/47 to 1979/80. The table has been compiled from data published in the *Monthly Weather Report*; a few values in this table include estimates for missing data but in most cases data for only one month have been estimated. Dashes indicate that no data are available. To provide homogeneous records data have been given for as long a period as possible. In the column headed Fort Augustus/Corpach observations from Corpach go back to the season 1968/69, those for Fort Augustus being used for the earlier years. At Balmoral records of days of snow cover are available for the whole period but there are none of days of snow falling between the seasons 1949/50 and 1957/58; for these observations from Braemar have been used.

*Table 2* gives daily depths of snow in centimetres at a selection of stations.

*Table 3* is the main table in the report and gives for each station in Figure 1 the following four values for each month and for the season:

- (a) number of days when snow fell at the station.
- (b) number of days when snow was lying at the station.
- (c) a measurement of the maximum depth of undrifted snow lying at the station.
- (d) the earliest date when this maximum depth of snow was attained.

*Table 4* lists the number of days each month and during the season when snow was seen lying at three stated levels observed from a selection of stations; these data are more fully plotted in Figure 2. It should be noted that values in this table do not include days when the mountains were obscured by low cloud etc.; such days are indicated in Figure 2.

\* Sleet - In the United Kingdom a mixture of snow and rain, or of snow and drizzle.

### 2.3 Diagrams

Figure 1 shows the network of special Snow Survey stations together with the stations from the climatological network used to improve the coverage. Figure 1 also shows the region or county boundaries and the climatological districts (identical with those used in the *Monthly Weather Report*) referred to in Table 3.

Figure 2 illustrates the variation in duration and extent of snow cover with height observed from twelve named stations. These observations are mainly made from the named stations but occasionally use is made of information obtained in other ways (e.g. by climbing higher). Days when low cloud prevented any form of observation are indicated by black squares below the diagram.

## 3. Snow observations in the Scottish mountains during the summer of 1979

### June 1979

In the Grampians and Cairngorms there was snow lying above 1200 m on 1st and 2nd. Patches of snow remained down to about 750 m until the 10th. Fresh snow fell above 750 m on the 14th and patches remained in sheltered areas for the rest of the month. Even in western Scotland there were patches of snow in north-east facing corries on the first few days and as far south as Crossfell (Cumbria) there was enough snow for skiing at the end of the month.

### July 1979

Patches of snow were still present above 1200 m in the Grampians at the beginning of the month, but generally there was little snow left by the end of the month.

### August 1979

Only a few patches in sheltered corries remained.

### September 1979

Snow showers fell over the high ground in the central Highlands on the 14th and lay for a few days down to about 900 m. Further snow showers in the Cairngorms and in the north-west highlands on the 21st lay down to about 600 m in places for a short time.

## 4. Snow observations in Great Britain during the season 1979/80

### 4.1 Number of days with snow or sleet falling

Over Great Britain as a whole there were fewer days with sleet or snow falling than in the previous three

seasons, in fact only about 90 per cent of the 1941–70 average. Western areas and the high ground of southern Scotland, northern England and Wales had more than the average occurrence of snow but places in eastern and central England had less than 50 per cent of normal. After the early winter months with normal or above average snowfall February had very little snow, but in March many places had the snowiest month of the winter.

There were more than 80 days with snow or sleet falling in Shetland and about 70 days when snow occurred on the high summits of the central Highlands. Between 50 and 60 days of snow or sleet occurred generally over the high ground in Scotland and the north Pennines while in the south Pennines, the Yorkshire Wolds and the higher regions of North Wales and Dartmoor as well as the low ground of north and central Scotland there was snow or sleet on 30–40 days. In west Scotland, north-west England, east Wales, the Midlands and East Anglia snow or sleet fell on about 20 days. Southern England and west Wales had fewer than 10 days with snow or sleet.

### 4.2 Number of days with snow lying

The frequency of snow cover over Great Britain as a whole was about 60 per cent of the 1941–70 average and was considerably less than last snow season. On the summits of the Scottish Highlands, however, there was about the same duration of snow cover as last season.

Snow cover remained for about 200 days on the summits of the central Highlands and at altitudes of 900 m in Scotland it lasted for about 170 days. On the more elevated regions of the north Pennines and in North Wales snow lay for about 90 days. At about 300 m in Scotland and the Pennines there were 50–60 days with snow cover and at lower levels in Scotland snow lay for about 30 days although along the west coast it remained only for about 20 days. There were about 30 days of snow lying on the high ground of North Wales and east Wales. Over the low ground in north England, over the Midlands and on the moors of south-west England snow lay for about 10 days. In other areas of England and west Wales snow lay for 5 days or less.

### 4.4 Notes on the weather of individual months

#### October 1979

Temperatures were above average in all areas.

Precipitation was above average in east and south Scotland, north-east England, parts of west Wales, south-west and central England; twice the normal precipitation fell in parts of the north-west Highlands.

Snow fell on the high ground in Scotland on the 18th and in the central Highlands on the last few days of the month.

There was a thin covering of snow above 900 m in Scotland generally on one or two days and in the Cairngorms and Grampians up to 9 days. In a few places in the west snow lay briefly down to 600 m.

#### November 1979

Mean temperatures were slightly below average over most of Scotland and in parts of eastern England but elsewhere temperatures were about normal.

Precipitation was above average in most of Scotland, northern England, Wales and south-west England; twice the normal amount fell in west Scotland. Other areas had less than average precipitation; less than half the normal amount occurred in parts of the Grampians and in southern England.

Snow or sleet fell on the first two days of the month in northern Scotland and over the high ground of the Southern Uplands. Snow or sleet was widespread over the whole of Britain on the 8th and 9th and on the next two days also in the central Highlands and southern Scotland. A depth of 12 cm was recorded at Knockanrock (Highland) on the 10th and 9 cm at Portmore (Borders) on the 12th. Snow and sleet again affected the whole country on the 14th and 15th and continued until the 16th in Scotland. During the 25th to 27th there was snow in north Scotland and on the high ground of the central Highlands and the Southern Uplands.

The frequency of snow and sleet over the high ground in Scotland was greater than average, but over the rest of the country the incidence of snow and sleet was about or below average. Snow or sleet fell on 10–20 days in Shetland and on the summits of the Scottish Highlands, and on about 8 days on the higher regions of the Southern Uplands. Generally on the low ground in Scotland and on the higher parts of the Pennines, Wales and Dartmoor and also in East Anglia snow or sleet fell on 2–6 days. The remaining areas of England and Wales were mainly free of snow.

Snow lay on 20–25 days on the summits of the Scottish Highlands and for about 10–18 days down to 600 m. On the low ground in Scotland snow lay on fewer than 5 days. Over the high ground of the Southern Uplands and the Pennines snow lay for about 12 days and on the lower ground in these regions for 5–9 days. On the high ground in North Wales there was snow cover for about 10 days. In South Wales and on the higher ground of the west Midlands and on Dartmoor snow remained for 2–5 days. Most of southern England had no snow cover.

#### December 1979

Mean temperatures were a little below average in north-west Scotland; elsewhere they were above average. Precipitation was about average in Shetland and north Scotland and above average in all other areas. Many parts of England and Wales had twice the normal precipitation.

Scattered snow showers fell over the high ground of Scotland during the first week. On the 14th and 15th snow was widespread over Scotland, northern England and parts of Wales with drifts in places in the strong to gale-force winds. In Shetland a level depth of 10 cm was recorded with drifts to 90 cm. On the 18th and 19th snow and sleet were again widespread in the north and scattered showers occurred in parts of Wales and southern England. On the 20th and 21st snow was more prevalent in the south of Britain where it lay over a wide area. A depth of 6 cm was recorded at Layer-de-la-Haye (Essex). Snow or sleet showers spread to all areas during the last week. Depths of 18 cm were recorded at Achnagoichan (Highland) on the 29th to 31st and 13 cm in the Pennines and Lake District.

Snowfall was greater than normal in Shetland, about average over Scotland and northern England and slightly more than average in southern Britain and mid-Wales. There were about 20 days with snow or sleet in Shetland. Snow or sleet occurred on up to 15 days in the central Highlands of Scotland, but generally over the high ground in Scotland and in Wales, the Pennines, the moors of south-west England and in parts of East Anglia there were 5–10 days with snow or sleet. Over the low ground there were fewer than 5 days with snow or sleet although many places did not have any snow.

Snow lay all month on the summits in the Scottish Highlands. At altitudes of 600 m there was snow cover for 20–25 days in the Cairngorms and Grampians and for 10–15 days in the North-West Highlands. On the low ground in north Scotland snow lay for about 7 days. On the high ground of the Southern Uplands Wales and the Pennines snow lay for 10–20 days, and down to 450 m in the Pennines and on the high ground of southern England snow lay for 5–10 days. There was snow cover on the low ground in southern Scotland, England and Wales for only one or two days, although in many places no snow lay.

#### January 1980

Mean temperatures were below average in all areas except parts of northern Scotland.

Precipitation was above average in parts of eastern Scotland, over most of northern England and in the extreme south-west of England. There was less than normal precipitation in south-east England and in parts of central Scotland and South Wales.

Snow or sleet fell on the first two or three days of the month in nearly all parts of Britain. Accumulations of snow from the December falls produced level depths of 21 cm at Achnagoichan (Highland) and 15 cm at Littleover (Derbyshire). On the 9th and 10th there was snow in Scotland and northern England and in Wales and on the 14th and 15th snow or sleet was widespread over the whole of Britain. While on the whole amounts were not great, many places in the Midlands, Wales and south-west England had their greatest depths of the month; 15 cm being recorded at Watnall (Nottinghamshire), 11 cm in North Wales and 8 cm on Dartmoor. On the 20th and 21st snow was again widespread and accompanied by strong to gale-force easterly winds. This produced drifting especially in the more elevated regions of Scotland, the Pennines and North Wales, where communications were disrupted in places. Snow fell on the summits of the Scottish Highlands on the 24th and 25th, and on the last few days of the month snow or sleet occurred over most of Britain. Level depths of 21 cm were reported in the Cairngorms on 31st.

The incidence of snowfall was about average in all areas except Shetland and East Anglia where there was slightly more snow than normal. In Shetland and the North-west Highlands and on the high ground in the Grampians and Cairngorms there were 15–20 days with snow. Generally in northern Scotland and on the high ground of the Southern Uplands, the Pennines and Wales and also in some parts of East Anglia there were 10–15 days with snow. There were 5–10 days with snow or sleet in western parts of the Scottish Highlands, on the Yorkshire Wolds, in central England and North Wales. Other regions had less than 5 days with snow or sleet, some coastal regions of southern England and Wales having no snow.

Snow lay all month on the higher regions of the Scottish Highlands and on some parts of the Southern Uplands. In Scotland at altitudes of 600 m there were about 25 days with snow cover, although snow remained all month at this level at places in the Cairngorms. On the low ground in Scotland there was snow lying for 5–10 days, but near the coast fewer than 5 days had snow cover. In the Pennines there was snow cover for 10–20 days although it remained for 28 days on the higher regions in the north. On the low ground in the north of England and the Midlands snow remained for about 5 days. In Wales snow lay for about 25 days on the higher ground and for 15–20 days generally, but fewer than 5 days of snow cover occurred on the low ground. Most of southern England had only 2 or 3 days with snow cover except for East Anglia where there were 4–5 days and the high ground of south-west England where up to 15 days of snow cover occurred.

#### **February 1980**

Mean temperatures were above normal in all areas.

Precipitation was below average in northern and central southern Scotland; more than normal precipitation fell in Tayside and south-western Scotland, most of northern England and in Wales. About 250 per cent of average occurred in the coastal region of Tayside.

Snowfall was mainly confined to the first week of the month. During the 1st to the 4th snow or sleet was widespread over the whole of Britain and strong easterly winds produced blizzard conditions on the 4th in Scotland and northern England. A depth of 31 cm was recorded at Whitehillocks (Tayside) and 29 cm was reported at Catcleugh (Northumberland). Ardtalnaig (Tayside) reported a level depth of 20 cm with drifts to 1.5 m which blocked some roads. Snow continued over the northern half of Britain until the 7th. Knockanrock (Highland) reported an accumulated depth of 50 cm on the 8th. During the 22nd and 23rd there was snow or sleet on the high ground in southern England and on the 25th and 26th snow fell on the high ground in the Midlands and in Wales.

Snowfall was much below average in all areas. Snow or sleet fell on 6–10 days in the central regions of Scotland, on the high ground of the Pennines and in North Wales. Over the rest of Britain there were 5 days or less with snow or sleet, many places in southern England and south-west Wales having no snow.

Snow lay all month on the summits in Scotland and down to 600 m in parts of the central Highlands. There were 10–20 days of snow cover generally in Scotland and the north Pennines, but on the low ground especially in the west there were only about 5 days when snow lay. On the south Pennines and the higher ground in Wales there were about 5 days of snow cover; over the rest of England and Wales little or no snow lay.

#### **March 1980**

Temperatures were below average in all areas.

Precipitation was above average in all areas except for north-west Scotland. Many places had more than twice the normal amount and parts of south-east Scotland and north-east England had more than 250 per cent of average.

Snow and sleet fell in Scotland during the first 2 or 3 days and in Scotland and over the Pennines during the second week. During the 16th to 19th snow was widespread over the whole of Britain with strong easterly winds causing drifting in many areas especially in central and southern Scotland and the Pennines, where depths of 1.5 m were reported from many places. An accumulation from the snows of early February culminated in drifts of up to 8 m above Ardtalnaig (Tayside) on the 20th. Roads were blocked in the Peak District and a level depth of 30 cm was reported at Moorland Cottage (North Yorkshire) on the 19th to 23rd. At Hopes (Lothian) a level depth of 23 cm was recorded

on the 20th. Showers of snow or sleet continued on to the 23rd in Scotland and over the more elevated regions of England and Wales. It was the heaviest fall of the winter in some places with undrifted depths of 50 cm recorded at Leadhills (Strathclyde) and 23 cm at Ennerdale (Cumbria) on the 22nd. On the last two days of the month there was snow or sleet over Scotland and northern England.

Parts of the Midlands and Wales and the southern Pennines had a slightly higher frequency of snowfall than normal. Over the rest of Britain snowfall was about average. There were 10–20 days with snow or sleet over the high ground in Scotland, the Pennines and Wales. On the lower ground in Scotland and Wales and also in the Midlands snow fell on about 10 days but near the west coasts snow or sleet fell on fewer than 5 days. In East Anglia and over the more elevated areas of southern England there was snow or sleet on about 5 days. Other low-lying areas had little or no snow.

Snow lay all month on the summits of the Scottish Highlands and for 15–25 days at levels down to 600 m. On the low ground in the north of Scotland there was snow cover for about 5 days. On the Southern Uplands, the Pennines and in Wales snow lay for about 15 days generally but on the higher regions for up to 20 days in places. In the Midlands snow lay for 5–10 days. Over the rest of the country there was snow cover for fewer than 3 days.

#### April 1980

Mean temperatures were above average in Scotland and north-west England. Elsewhere temperatures were about average.

Precipitation was below average in all areas. Many places in central and south-west Scotland, north-west England and North Wales had less than 10 per cent of normal.

Snow or sleet showers fell on the first two days of the month in the Scottish Highlands and parts of northern England and during the second week in the north of Scotland and Shetland. On the 19th and 29th snow and sleet showers were widespread over Scotland and the higher ground of northern England and in East Anglia.

Snowfall was less than normal in all areas. Snow or sleet fell on about 5 days on the more elevated regions of the Scottish Highlands. In the rest of Scotland, northern England and East Anglia snow or sleet fell on one or two days. In Wales and southern England no snow fell.

On the summits of the central highlands of Scotland snow remained all month but at levels of 600 m in Scotland there were 5–10 days with snow cover. At altitudes of 450 m in Scotland snow lay for about 5 days; at lower levels little or no snow lay. In the north Pennines and on the high ground in Wales there were about 5 days with snow cover, although patches remained in sheltered areas on the north faces for more than half the month. The rest of England and Wales was free of lying snow.

#### May 1980

Mean temperatures were below average in east Scotland and in east, central and southern England. Elsewhere in Britain temperatures were above average. Precipitation was less than average in all areas. Only 10 per cent of normal precipitation fell in parts of central Scotland.

Showers of snow fell on the higher ground in Scotland on the 7th and 8th and scattered showers of snow or sleet occurred over the high ground in Scotland and northern England during the last week.

Snow lay for most of the month on the summits of the central highlands of Scotland, but at altitudes of 600 m in Scotland and northern England snow lay for 5 days or less.

**Table 1 Number of days with snow or sleet falling, and snow lying, during each snow season**

Number of days with snow or sleet falling										Number of days with snow lying										
Fort Augustus/Corpach	Balmoral/Braemar	West Linton	Eskdalemuir	Huddersfield Oakes	Buxton	Woburn	Boscombe Down	Exeter	Lake Vyrnwy	Season	Fort Augustus/Corpach	Balmoral	West Linton	Eskdalemuir	Huddersfield Oakes	Buxton	Woburn	Boscombe Down	Exeter	Lake Vyrnwy
4	31	42	65	51	46	34	37	22	42	1946/47	5	72	66	59	64	71	58	42	10	63
25	30	34	49	25	23	13	14	9	33	1947/48	8	53	25	22	15	33	5	11	2	25
—	23	24	31	19	13	7	5	5	20	1948/49	—	23	10	14	10	12	2	1	0	11
—	45	28	46	30	11	7	5	7	23	1949/50	—	29	20	18	10	7	1	1	1	11
—	92	75	79	70	59	29	30	18	72	1950/51	—	102	65	61	31	48	12	10	10	47
23	61	41	45	37	38	20	22	13	40	1951/52	38	52	38	41	22	38	7	8	1	30
19	51	44	44	25	32	26	23	10	34	1952/53	12	61	34	32	11	25	25	4	2	32
24	45	31	36	26	26	14	12	10	23	1953/54	12	40	26	32	24	29	7	15	7	22
28	71	43	52	47	42	28	31	29	40	1954/55	32	82	58	57	37	52	27	15	6	38
31	74	50	54	42	40	23	28	19	34	1955/56	18	59	46	44	39	40	20	12	8	34
17	37	27	34	26	15	12	12	3	22	1956/57	13	14	15	10	10	12	5	2	0	17
36	51	40	48	31	25	19	19	19	27	1957/58	27	61	32	22	23	23	12	6	6	32
15	29	22	25	15	12	7	8	7	21	1958/59	23	60	29	26	19	26	13	9	3	22
20	31	39	38	29	31	13	11	14	30	1959/60	22	40	29	26	20	30	11	8	5	24
14	35	22	33	20	22	7	8	6	20	1960/61	2	31	8	10	6	10	0	0	0	14
36	56	41	67	38	26	17	17	19	39	1961/62	30	88	43	40	25	29	13	5	2	36
26	58	42	62	44	47	42	40	32	43	1962/63	29	90	86	82	70	74	69	64	40	78
18	29	19	40	20	20	14	17	11	19	1963/64	1	35	12	8	12	17	7	2	2	14
28	65	34	63	36	40	20	20	14	43	1964/65	13	71	31	34	20	34	10	15	2	48
28	84	46	87	53	37	18	18	11	42	1965/66	18	93	46	37	39	38	9	13	1	42
22	64	25	82	26	28	4	9	10	27	1966/67	13	53	19	20	7	14	1	1	0	11
26	48	35	66	30	39	23	24	11	32	1967/68	27	78	43	51	22	44	14	10	4	31
21	74	24	71	51	34	24	29	20	39	1968/69	25	83	32	35	53	50	18	5	11	56
28	69	32	96	63	53	34	42	25	57	1969/70	36	96	25	35	40	50	25	16	3	62
6	34	21	46	25	16	17	27	16	20	1970/71	3	28	22	19	10	23	6	14	2	20
10	32	20	52	34	27	11	15	9	25	1971/72	1	29	12	16	12	12	1	2	0	21
22	38	19	54	28	23	9	11	12	25	1972/73	11	44	12	27	15	17	2	2	2	22
22	57	20	58	27	28	8	16	9	36	1973/74	21	49	10	17	9	13	0	2	0	20
11	38	21	56	30	31	18	21	12	42	1974/75	3	37	5	15	3	6	3	3	0	18
10	50	11	53	26	31	9	10	12	29	1975/76	4	38	6	12	2	11	4	0	1	15
26	46	30	72	46	51	19	18	15	51	1976/77	5	67	42	47	31	43	7	4	1	34
27	54	34	70	46	36	21	33	22	48	1977/78	10	75	29	34	23	31	8	9	8	43
30	74	61	94	74	65	31	50	38	78	1978/79	31	89	67	62	74	83	28	27	18	89
17	42	30	57	35	35	6	16	10	41	1979/80	10	42	20	28	23	31	3	2	0	23

Table 2 Daily depth of snow, in centimetres, at selected stations

T indicates snow depth less than 0.5 cm  
 \* indicates snow lying but depth not available  
 + indicates no information available

November 1979

Day	Wick	Knockanrock	Inverawe	Whitehilllocks	Cramond	Eskdalemuir	Alston	Lanthwaite	Belmont	Riccall	Buxton	Martley	Marham	Penshurst	Dolgellau	Lake Vyrnwy	Merthyr Tydfil	Swansea	Exeter	Okehampton	Day
1	<i>There were no reports of snow lying at these stations for October 1979</i>																				1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8		1																			8
9		7							2												9
10		12							1												10
11	1	10																			11
12	1	12																			12
13	1	12																			13
14		11		T	3	5	1		2		2										14
15		9		7			2		4		1						T				15
16		T		2																	16
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Day	Wick	Knockanrock	Inverawe	Whitehilllocks	Cramond	Eskdalemuir	Alston	Lanthwaite	Belmont	Riccall	Buxton	Martley	Marham	Penshurst	Dolgellau	Lake Vyrnwy	Merthyr Tydfil	Swansea	Exeter	Okehampton	Day	
1																					1	
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
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15							1															15
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18		2																				18
19		5																				19
20		2		*																		20
21																						21
22							T					T	1	2							T	22
23		5					T		3								T				T	23
24		3				2		1	T			T				4	T					24
25						1			T							4	T					25
26		1																				26
27		1	3	2																		27
28		2	1	2					6	T												28
29		3		2			2		11		T											29
30		6		2			T		9		T					1	T					30
31		13		2			T		9		T					1	T					31

Table 2 Daily depth of snow, in centimetres, at selected stations

T indicates snow depth less than 0.5 cm  
 \* indicates snow lying but depth not available  
 + indicates no information available

January 1980

Day	Wick	Knockanrock	Inverawe	Whitehillslocks	Cramond	Eskdalemuir	Alston	Lanthwaite	Belmont	Ricall	Buxton	Martley	Marham	Penshurst	Dolgellau	Lake Vyrnwy	Merthyr Tydfil	Swansea	Exeter	Okehampton	Day
1	T	14		2					7		11					1	T				1
2	T	16		2					7	1	11					1	T				2
3		12		3		5		1	1		5	T	T			1					3
4				2																	4
5																					5
6																					6
7																					7
8																					8
9				1																	9
10		2		3		T										4					10
11				1		T										4					11
12				1												1					12
13																					13
14		2		1					2								T				14
15		6		3			2				4	9	1			1	4			3	15
16		6		3							1	4					1			3	16
17		4		3							1	3					1			3	17
18		3		3					1		1	2					1			2	18
19				3							1						1				19
20		1		3			1		1	5	5						1				20
21		1		2		2	7				1					4	T				21
22							2				4					1	T				22
23							1		2												23
24				1			1														24
25				3			T														25
26				1			T														26
27									1	1											27
28		2		5	3	9	3														28
29				4		5															29
30		8							T												30
31		18		14		1	T			1	2										31

Table 2 Daily depth of snow, in centimetres, at selected stations

T indicates snow depth less than 0.5 cm  
 \* indicates snow lying but depth not available  
 + indicates no information available

February 1980

Day	Wick	Knockanrock	Inverawe	Whitehillocks	Cramond	Eskdalemuir	Alston	Lanthwaite	Belmont	Riccall	Buxton	Martley	Marham	Penshurst	Dolgellau	Lake Vyrnwy	Merthyr Tydfil	Swansea	Exeter	Okehampton	Day
1	7	25	3	14		2	3		6	5											1
2	8	29	3	14	7	8	8	4	T		5					3					2
3	8	30	7	22	3	11	10		2												3
4	7	30	5	23		11	9	3	6	2	2										4
5	4	31		25		21	13			T											5
6		38		31		10	7		1												6
7	1	44		31		9	6				2										7
8		50		31		5	T														8
9		24		25		1															9
10		7		15																	10
11				9																	11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
26											1										26
27											1										27
28																					28
29																					29

Table 2 Daily depth of snow, in centimetres, at selected stations

T indicates snow depth less than 0.5 cm  
 \* indicates snow lying but depth not available  
 + indicates no information available

March 1980

Day	Wick	Knockanrock	Inverawe	Whitehilllocks	Cramond	Eskdalemuir	Alston	Lanthwaite	Belmont	Riccall	Buxton	Martley	Marham	Penshurst	Dolgellau	Lake Vyrnwy	Merthyr Tydfil	Swansea	Exeter	Okehampton	Day	
1																					1	
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
9									3													9
10				1																		10
11				T																		11
12																						12
13				T					1													13
14				T													*					14
15																						15
16									6	T												16
17		2		4	3	23	3	1	8		4					1	*					17
18				4		8	2		2		5	T				1				1		18
19				4	1	6	3		1		6					8						19
20	1	1		4		6	3		T		7					6						20
21	4	3	5	5	12	15	1	3	1		4					6						21
22	11	5	2	30	7	11	1	15			3					1		3				22
23	10	7		30	2	9	1				3	9				10	*					23
24		4		15		12										4						24
25						4																25
26																						26
27																						27
28																						28
29							3															29
30																						30
31																						31

There were no reports of snow lying at these stations for April and May 1980.

TABLE 3

Number of days with snow falling, snow lying, and maximum depth, in centimetres, with the date, during each month and during the season

The values are arranged in a pattern of four thus: a b  
c d

where a is the number of days on which snow occurred, b is the number of days on which half or more of the ground in the immediate neighbourhood was snow covered, c is the greatest depth of accumulated and undrifted snow, and d is the date on which c first occurred.

Stations distinguished by the sign # are supplementary to the Snow Survey network. (See Introduction.)

The entry D indicates that no snow depth was measured because of excessive drifting: the entry T indicates that the depth of snow was less than 0.5 cm. An asterisk (\*) indicates that data were missing or incomplete.

Station	Grid Reference	Altitude (metres)	1979					1980					Season		
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May					
<b>DISTRICT 0-SCOTLAND N</b>															
<i>Shetland</i>															
Mossy Hill	HU 396203	229	0 0	5 0	14 0	11 4	9 6	9 7	3 0	2 0			53	17	
			- -	- -	- -	4 31	D -	6 23	- -	- -			*	*	
Ollaberry	HU 333836	226	0 0	14 8	19 4	19 11	9 9	20 7	6 0	1 0			88	39	
			- -	3 11	10 15	13 31	25 2	15 23	- -	- -			25	2/2	
<i>Orkney</i>															
Kirkwall#	HY 483076	26	0 0	10 1	7 0	15 3	8 7	10 2	6 0	1 0			57	13	
			- -	1 11	- -	1 1	3 7	6 21	- -	- -			6	21/3	
<i>Western Islands</i>															
Benbecula#	NF 782555	6	0 0	4 0	8 0	8 0	4 4	8 0	0 0	1 0			33	4	
			- -	- -	- -	- -	2 1	- -	- -	- -			2	1/2	
Stornoway#	NB459332	3	0 0	6 0	8 1	5 2	7 4	7 1	0 0	0 0			33	8	
			- -	- -	7 31	1 1	4 3	3 21	- -	- -			4	3/2	
<i>Highland</i>															
Achnagoichan	NH 913082	305	0 0	10 8	7 12	15 21	7 8	* *	3 0	0 0			*	*	
			- -	3 8	18 29	18 1	10 2	* *	- -	- -			*	*	
Achnashellach	NH 038492	67	0 0	6 6	10 3	8 5	6 5	7 0	1 0	0 0			38	19	
			- -	1 10	12 31	12 1	18 1	- -	- -	- -			18	1/2	
Ardross	NH 629737	171	0 0	9 5	7 13	9 13	6 10	5 4	0 0	0 0			36	45	
			- -	1 12	9 28	12 31	24 1	2 21	- -	- -			24	1/2	
Braemore	ND 074297	155	0 0	9 9	8 7	9 12	7 9	12 6	5 1	3 0			53	44	
			- -	4 12	4 31	13 1	18 7	13 22	1 20	- -			18	7/2	
Broadford	NG 649228	30	0 0	3 0	4 0	3 2	4 4	3 1	0 0	1 0			18	7	
			- -	- -	- -	3 1	7 1	7 21	- -	- -			3	1/1	
Cassley	NC 396232	99	0 0	11 9	9 6	10 5	7 8	8 3	0 0	0 0			45	31	
			- -	5 9	* *	5 31	10 2	7 21	- -	- -			*	*	
Corpach#	NN 080764	8	0 0	2 0	2 2	6 2	3 4	4 2	0 0	0 0			17	10	
			- -	- -	1 27	2 28	4 3	3 21	- -	- -			4	3/2	
Dalwhinnie	NN 634841	362	0 0	15 5	13 5	15 7	8 10	16 2	3 0	2 0			72	29	
			- -	3 15	15 28	15 3	15 5	4 22	- -	- -			15	28/12	
Fersit	NN 351782	259	0 0	3 3	12 5	11 11	6 9	17 5	3 1	2 0			54	34	
			- -	6 9	13 28	13 1	15 4	10 23	7 2	- -			15	4/2	
Fort William (Br. Al.)	NN 130751	27	0 0	1 1	3 3	4 4	2 6	3 3	0 0	0 0			13	17	
			- -	1 10	1 27	2 28	10 4	5 21	- -	- -			10	4/2	

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1979					1980					Season	
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May				
Glenmore Lodge	NH 986095	341	0 0	10 9	11 11	13 21	7 11	11 9	3 0	* *	* *	* *		
			--	8 15	20 31	18 1	26 6	15 22	--	--	* *	* *		
Glenshero Lodge	NN 562929	268	0 0	12 11	6 7	11 18	5 8	12 5	4 0	1 0			51 49	
			--	4 10	10 28	D --	18 4	4 17	--	--	--	--	* *	
Grantown-on-Spey#	NJ 039285	229	0 0	7 3	7 8	11 21	7 11	9 5	1 0	1 0			43 48	
			--	3 8	8 28	15 31	16 5	19 22	--	--	--	--	19 22/3	
Inverpolly	NC 074134	14	0 0	7 4	8 3	8 5	6 6	5 3	1 0	0 0			35 21	
			--	2 12	1 29	3 2	4 1	5 21	--	--	--	--	5 21/3	
Knockanrock	NC 187088	244	0 0	16 10	14 11	10 14	7 10	11 6	2 0	2 0			62 51	
			--	12 10	13 31	18 31	50 8	7 23	--	--	--	--	50 8/2	
Lairg#	NC 578055	107	0 0	7 7	10 6	10 15	5 10	6 2	2 0	0 0			40 40	
			--	3 12	3 31	* *	18 7	6 22	--	--	--	--	* *	
Muir of Ord	NH 527500	46	0 0	2 1	6 6	5 10	3 7	3 2	0 0	0 0			19 26	
			--	7 15	3 31	5 28	5 4	2 22	--	--	--	--	5 28/1	
Prabost	NG 418501	67	0 0	3 1	8 4	8 3	3 7	7 4	0 0	0 0			29 19	
			--	7 12	2 26	1 1	12 1	3 21	--	--	--	--	12 1/2	
Ratagan	NG 919197	4	0 0	1 2	2 2	1 1	0 0	0 0	0 0	0 0			4 5	
			--	2 12	2 30	7 31	--	--	--	--	--	--	2 12/11	
Wick#	ND 364522	36	0 0	5 3	8 0	9 2	7 6	7 4	1 0	1 0			38 15	
			--	1 11	--	7 1	8 2	11 22	--	--	--	--	11 22/3	
<b>DISTRICT 1-SCOTLAND E</b>														
<i>Grampian</i>														
Balmoral#	NO 260946	283	0 0	4 1	6 3	14 16	8 13	8 9	2 0	0 0			42 42	
			--	* *	* *	* *	* *	* *	--	--	--	--	* *	
Clashnoir	NJ 225220	338	0 0	11 9	12 10	13 20	7 8	13 7	2 0	2 0			60 54	
			--	4 12	8 31	9 1	19 4	30 22	--	--	--	--	30 22/3	
Crathes	NO 758969	60	* *	* *	5 3	12 8	8 8	9 6	5 0	6 0			* *	
			* *	* *	1 31	5 1	15 4	14 22	--	--	--	--	* *	
Derry Lodge	NO 036932	427	0 0	15 8	13 7	19 24	6 11	13 11	4 0	1 0			71 61	
			--	4 15	8 31	18 28	41 7	25 22	--	--	--	--	41 7/2	
Drummuir	NJ 372441	189	0 0	8 1	8 5	10 5	7 8	10 5	5 0	1 0			49 24	
			--	1 13	4 31	18 31	20 6	18 22	--	--	--	--	20 6/2	
Dyce#	NJ 883125	58	0 0	5 1	6 0	14 3	7 4	10 3	2 0	0 0			44 11	
			--	7 10	--	7 1	4 3	7 22	--	--	--	--	7 1/1	
Glenlatterach	NJ 200546	151	0 0	2 1	5 4	8 5	6 7	6 3	0 0	0 0			27 20	
			--	1 12	1 27	8 31	8 1	13 21	--	--	--	--	13 21/3	
Glenlivet#	NJ 188303	215	0 0	7 0	9 6	18 18	8 9	11 5	3 0	1 0			57 38	
			--	--	6 30	14 1	17 4	20 22	--	--	--	--	20 22/3	
Inverurie	NJ 762221	82	0 0	5 3	7 2	11 9	7 7	10 4	2 0	0 0			42 25	
			--	2 12	1 30	9 1	4 4	6 22	--	--	--	--	9 1/1	
Rochomie	NJ 441633	94	0 0	0 0	3 1	5 3	2 1	2 1	0 0	0 0			12 6	
			--	--	3 31	4 31	5 2	7 20	--	--	--	--	5 2/2	
<i>Tayside</i>														
Ardtnaig	NN 702394	130	0 0	3 1	3 5	12 4	6 8	10 4	0 0	0 0			34 22	
			--	1 14	7 27	10 3	20 4	15 22	--	--	--	--	20 4/2	
Dall	NN 593562	232	0 0	9 5	2 5	10 13	5 9	12 4	1 0	0 0			39 36	
			--	1 14	7 27	7 1	21 4	17 22	--	--	--	--	21 4/2	
Drummond Castle	NN 841178	113	0 0	2 3	2 5	8 9	6 9	8 5	0 0	0 0			26 31	
			--	4 14	7 27	8 3	23 5	6 21	--	--	--	--	23 5/2	
Kindrogan#	NO 054629	259	0 0	15 7	7 6	14 16	7 10	13 12	0 0	1 0			57 51	
			--	5 15	10 27	12 3	16 5	25 22	--	--	--	--	25 22/3	
Whitehillocks	NO 448800	258	0 0	6 3	9 6	19 22	7 11	10 12	0 0	0 0			51 54	
			--	7 15	2 27	14 31	31 6	30 22	--	--	--	--	31 6/2	
<i>Fife</i>														
Leuchars#	NO 468208	10	0 0	1 0	4 0	7 2	7 3	8 3	0 0	0 0			27 8	
			--	--	--	2 28	6 4	12 22	--	--	--	--	12 22/3	
Loch Leven	NT 158988	122	0 0	2 3	0 0	5 4	3 7	9 3	0 0	0 0			19 17	
			--	5 12	--	4 3	10 3	8 17	--	--	--	--	10 3/2	
<i>Lothian</i>														
Cramond	NT 180758	26	0 0	2 1	1 0	3 1	5 2	8 5	0 0	0 0			19 9	
			--	3 14	--	3 28	7 2	12 21	--	--	--	--	12 21/3	

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1979					1980					Season	
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May				
Hopes	NT 551622	247	0 0	3 2	4 0	13 1	7 4	12 4	0 0	0 0	39	11		
			--	4 11	--	5 27	9 4	23 20	--	--	23	20/3		
Hungry Snout	NT 665633	218	0 0	4 8	6 2	9 10	5 10	9 9	0 0	0 0	33	39		
			--	5 12	7 23	5 21	15 5	18 21	--	--	18	21/3		
<i>Borders</i>														
Baddingsgill	NT 126554	335	0 0	9 9	10 9	9 9	7 7	12 12	0 0	0 0	47	46		
			--	8 14	1 15	6 28	6 2	19 17	--	--	19	17/3		
Broughton	NT 123296	226	0 0	5 4	5 4	12 5	6 5	12 6	0 0	0 0	40	24		
			--	2 14	2 15	4 28	6 5	8 21	--	--	8	21/3		
Newcastleton	NT 479870	105	0 0	1 1	2 2	* *	3 3	* *	0 0	0 0	*	*		
			--	1 14	7 15	* *	* *	* *	* *	* *	*	*		
Portmore	NT 260507	305	0 0	8 8	2 3	7 18	4 18	13 15	0 0	2 0	36	62		
			--	9 12	4 15	5 21	5 4	18 21	--	--	18	21/3		
Sourhope	NT 843203	221	0 0	4 1	1 1	9 11	5 8	8 8	1 0	0 0	28	29		
			--	7 14	7 24	3 31	5 5	10 21	--	--	10	21/3		
West Linton#	NT 150520	244	0 0	7 5	4 4	4 3	7 7	8 1	0 0	0 0	30	20		
			--	6 14	2 15	* *	* *	* *	--	--	*	*		
Whitchester	NT 721589	255	0 0	5 4	7 4	16 18	7 8	17 9	1 0	1 0	54	43		
			--	8 14	* *	5 28	18 5	16 22	--	--	*	*		
<b>DISTRICT 6—SCOTLAND W</b>														
<i>Strathclyde</i>														
Inverawe	NN 021316	23	0 0	8 0	13 2	10 0	6 4	17 2	2 0	0 0	56	8		
			--	--	3 27	--	7 3	5 21	--	--	7	3/2		
Lanark	NS 875434	152	0 0	4 4	4 0	7 0	5 6	9 5	0 0	0 0	29	15		
			--	4 14	--	--	* *	10 24	--	--	*	*		
Leadhills	NS 888153	388	0 0	12 6	8 1	11 15	8 9	19 16	1 0	0 0	59	47		
			--	35 15	4 15	12 28	28 5	* *	--	--	*	*		
Machrihanish#	NG 663226	10	0 0	2 0	3 0	6 1	5 2	5 2	0 0	0 0	21	5		
			--	--	--	7 19	4 2	3 22	--	--	4	2/2		
Rhuvaal	NR 426792	20	0 0	0 0	3 0	1 0	3 2	3 1	0 0	0 0	10	3		
			--	--	--	--	--	5 22	--	--	*	*		
South Moorhouse	NS 529508	249	0 0	5 5	1 1	6 6	6 6	7 7	0 0	0 0	25	25		
			--	13 13	3 28	* *	10 4	15 21	--	--	*	*		
Tiree #	NL 999446	9	0 0	1 0	7 0	10 0	5 4	7 1	0 0	0 0	30	5		
			--	--	--	--	3 2	7 22	--	--	3	2/2		
<i>Central</i>														
Brig o'Turk	NN 537063	84	0 0	1 1	3 3	4 4	4 4	5 5	0 0	0 0	17	17		
			--	4 14	8 27	8 28	30 3	6 22	--	--	30	3/2		
Couligarton	NN 454007	49	0 0	3 3	3 6	5 12	5 6	3 5	0 0	0 0	19	32		
			--	3 15	* *	11 3	13 3	8 17	--	--	*	*		
Glengyle	NN 388133	122	0 0	5 3	3 5	5 9	3 7	11 1	0 0	0 0	27	25		
			--	3 14	3 27	8 3	6 2	5 21	--	--	8	3/1		
Loch Arklet	NN 376096	146	0 0	4 2	5 6	9 9	5 7	7 5	0 0	0 0	30	29		
			--	3 14	4 27	8 28	18 2	8 21	--	--	18	2/2		
Loch Vennachar	NN 598063	84	0 0	2 2	2 5	6 7	4 6	2 2	0 0	0 0	16	22		
			--	4 14	5 27	7 3	14 2	7 21	--	--	14	2/2		
Stronachlachar	NN 401103	117	0 0	2 2	1 1	5 5	4 7	3 1	0 0	0 0	15	16		
			--	3 14	5 27	8 28	9 2	1 21	--	--	9	2/2		
<i>Dumfries and Galloway</i>														
Bargrennan	NX 361789	110	0 0	1 0	3 1	6 1	4 7	10 3	0 0	0 0	24	12		
			--	--	2 18	5 21	12 2	15 22	--	--	15	22/3		
Drumlanrig	NS 852001	107	0 0	3 1	6 5	* *	* *	* *	* *	* *	*	*		
			--	2 14	2 29	* *	* *	* *	* *	* *	*	*		
Eskdalemuir	NT 235026	242	0 0	8 1	10 2	16 7	7 9	16 9	0 0	0 0	57	28		
			--	5 14	2 24	9 28	21 5	23 17	--	--	23	17/3		
Forrest Lodge (Dalry)	NX 555866	152	0 0	3 6	0 0	5 10	2 8	4 11	0 0	0 0	14	35		
			--	7 14	--	7 20	17 4	30 21	--	--	30	21/3		
<b>DISTRICT 2—ENGLAND E &amp; NE</b>														
<i>Northumberland</i>														
Catcleugh	NT 749032	250	0 0	2 3	4 1	8 18	3 12	8 11	0 0	0 0	25	45		
			--	5 14	3 27	8 16	29 5	10 17	--	--	29	5/2		

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1979					1980					Season	
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May				
Stonehaugh#	NY 792760	201	0 0 --	1 0 --	5 7 6 15	7 9 * *	6 9 30 5	9 10 15 17	0 0 --	0 0 --	0 0 --	28 35 * *		
<i>Tyne &amp; Wear</i> Killingworth	NZ 282710	76	0 0 --	0 0 --	3 0 --	9 2 4 28	4 5 9 2	6 2 6 17	0 0 --	0 0 --	0 0 --	22 9 9 2/2		
Gosforth	NZ 240680	52	0 0 --	0 0 --	2 0 --	8 1 2 28	2 3 10 2	5 3 6 17	1 0 --	0 0 --	0 0 --	18 7 10 2/2		
<i>North Yorkshire</i> Chelker	SE 051517	223	0 0 --	2 1 1 14	8 7 15 29	9 12 10 1	4 10 15 4	8 7 5 17	0 0 --	0 0 --	0 0 --	31 37 15 29/12		
High Mowthorpe	SE 888685	175	0 0 --	1 0 --	3 3 2 29	10 7 5 21	2 5 6 2	6 2 7 17	0 0 --	0 0 --	0 0 --	22 17 7 17/3		
Malham Tarn #	SD 893672	395	0 0 --	4 2 7 14	9 8 20 29	8 16 * *	5 9 * *	10 12 14 18	1 0 --	0 0 --	0 0 --	37 47 * *		
Moorland Cottage (Sedbergh)	SD 807923	343	0 0 --	4 4 5 13	8 8 15 30	10 9 D --	4 3 15 4	10 10 30 19	0 0 --	0 0 --	0 0 --	36 34 * *		
Snaizeholme	SD 830867	290	0 0 --	3 1 2 14	6 5 3 24	6 6 6 3	6 8 26 5	7 7 7 17	0 0 --	0 0 --	0 0 --	28 27 26 5/2		
Osmotherley	SE 458967	147	0 0 --	0 0 --	3 11 8 20	4 5 4 21	3 3 10 4	0 0 --	0 0 --	0 0 --	0 0 --	10 19 10 4/2		
Ricall	SE 608373	5	0 0 --	0 0 --	1 1 7 28	4 4 5 20	3 3 5 1	1 1 7 16	0 0 --	0 0 --	0 0 --	9 9 5 20/1		
<i>Humberside</i> Sledmere	SE 933648	121	0 0 --	1 0 --	7 0 --	14 3 3 20	3 2 6 1	9 6 10 17	0 0 --	0 0 --	0 0 --	34 11 10 17/3		
<i>Lincolnshire</i> Revesby	TF 303634	38	0 0 --	0 0 --	1 1 1 24	6 6 3 3	0 0 --	1 1 1 17	* * * *	* * * *	* * * *	* * * *		
Southrey	TF 140664	6	0 0 --	0 0 --	3 1 7 20	7 0 --	2 1 2 2	1 1 5 17	0 0 --	0 0 --	0 0 --	13 3 5 17/3		
<b>DISTRICT 3—EAST ANGLIA</b>														
<i>Norfolk</i> Coltishall#	TG 262229	17	0 0 --	2 0 --	8 0 --	13 3 4 2	3 0 --	4 0 --	1 0 --	0 0 --	0 0 --	31 3 4 2/1		
Costessey	TG 176121	6	0 0 --	3 0 --	8 2 1 21	14 4 3 2	3 0 --	2 0 --	2 0 --	0 0 --	0 0 --	32 6 3 2/1		
Marham	TF 726094	23	0 0 --	2 0 --	7 1 1 22	10 2 1 15	4 0 --	3 0 --	0 0 --	0 0 --	0 0 --	26 3 1 22/12		
<i>Cambridgeshire</i> Cambridge	TL 434604	24	0 0 --	0 0 --	1 0 --	1 1 1 15	1 1 1 1	1 0 --	0 0 --	0 0 --	0 0 --	4 2 1 15/1		
Etton	TF 142048	11	0 0 --	0 0 --	2 1 1 21	4 4 4 14	0 0 --	4 0 --	0 0 --	0 0 --	0 0 --	10 5 4 14/1		
<i>Suffolk</i> Melton	TM 281506	9	0 0 --	0 0 --	2 1 5 21	8 4 1 1	0 0 --	1 0 --	0 0 --	0 0 --	0 0 --	11 5 5 21/12		
Wingfield	TM 235782	49	0 0 --	0 0 --	5 0 --	7 1 4 2	0 0 --	1 0 --	0 0 --	0 0 --	0 0 --	13 1 4 2/1		
Wattisham	TM 025514	89	0 0 --	1 0 --	9 0 --	10 1 7 19	3 0 --	4 0 --	1 0 --	0 0 --	0 0 --	28 1 7 19/1		
<i>Bedfordshire</i> Cardington#	TL 081464	28	0 0 --	0 0 --	7 1 7 22	6 1 2 15	2 0 --	2 0 --	0 0 --	0 0 --	0 0 --	17 2 2 15/1		
Woburn#	SP 964358	89	0 0 --	0 0 --	3 1 7 22	1 1 1 15	0 0 --	2 1 1 19	0 0 --	0 0 --	0 0 --	6 3 1 15/1		

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1979					1980					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
<i>Hertfordshire</i>													
Garston	TL 123017	78	0 0	0 0	4 0	1 1	0 0	1 0	0 0	0 0	0 0	6 1	
			--	--	--	7 15	--	--	--	--	--	7 15/1	
Rothamsted#	TL 132134	128	0 0	0 0	6 1	5 0	0 0	3 0	0 0	0 0	0 0	14 1	
			--	--	7 22	--	--	--	--	--	--	7 22/12	
<i>Essex</i>													
Langham	TM 018339	12	0 0	0 0	3 0	0 0	0 0	0 0	0 0	0 0	0 0	3 0	
			--	--	--	--	--	--	--	--	--	--	
Layer-de-la-Haye	TL 965196	44	0 0	0 0	3 1	3 0	0 0	2 0	0 0	0 0	0 0	8 1	
			--	--	6 20	--	--	--	--	--	--	6 20/12	
Rayleigh	TQ 805910	73	0 0	0 0	2 1	1 0	0 0	0 0	0 0	0 0	0 0	3 1	
			--	--	1 22	--	--	--	--	--	--	1 22/12	
<b>DISTRICT 4—MIDLAND COUNTIES</b>													
<i>West Yorkshire</i>													
Huddersfield	SE 113177	232	0 0	2 1	8 5	7 6	8 6	9 5	1 0	0 0	0 0	35 23	
			--	7 14	5 29	13 21	8 2	4 20	--	--	--	13 21/1	
Oakes#	SE 051334	363	0 0	3 3	6 8	6 7	5 8	4 14	0 0	0 0	0 0	24 40	
			--	5 14	8 29	8 21	10 5	10 18	--	--	--	10 5/2	
<i>South Yorkshire</i>													
Doncaster	SE 576040	9	0 0	0 0	0 0	1 0	1 0	1 0	0 0	0 0	0 0	3 0	
			--	--	--	--	--	--	--	--	--	--	
Hall Broom	SK 267891	320	0 0	3 3	3 4	6 13	5 6	4 8	1 0	0 0	0 0	22 34	
			--	2 14	5 30	D --	8 2	20 20	--	--	--	* *	
Redmires	SK 262857	338	0 0	4 3	10 7	12 18	5 8	7 10	0 0	0 0	0 0	38 46	
			--	4 15	9 30	19 21	11 2	21 19	--	--	--	21 19/3	
<i>Derby</i>													
Buxton#	SK 060725	307	0 0	5 3	7 4	9 12	6 5	8 7	0 0	0 0	0 0	35 31	
			--	2 14	7 14	11 7	5 2	7 20	--	--	--	11 1/1	
Edale	SK 097855	293	0 0	4 4	8 5	13 12	9 5	9 8	0 0	0 0	0 0	43 34	
			--	1 9	13 30	13 21	11 2	17 20	--	--	--	17 20/3	
Littleover	SK 334339	71	0 0	0 0	7 4	4 6	2 1	8 4	0 0	0 0	0 0	21 15	
			--	--	2 30	5 15	1 2	8 17	--	--	--	8 17/3	
Wingerworth	SK 378665	116	0 0	1 1	5 0	7 2	5 2	7 4	0 0	0 0	0 0	25 9	
			--	1 14	--	7 15	4 2	5 19	--	--	--	7 15/1	
Wood Cottage	SK 128896	310	0 0	3 4	8 7	* 12	8 5	11 8	0 0	0 0	0 0	* 36	
			--	4 15	8 30	10 21	6 2	12 18	--	--	--	12 18/3	
<i>Staffordshire</i>													
Hednesford	SK 123017	235	0 0	0 0	3 1	4 2	3 2	5 4	0 0	0 0	0 0	15 9	
			--	--	3 12	10 14	4 4	5 25	--	--	--	10 14/1	
<i>Leicestershire</i>													
Market	SP 732879	96	0 0	0 0	2 1	2 7	1 0	2 0	0 0	0 0	0 0	7 8	
			--	--	7 22	5 15	--	--	--	--	--	5 15/1	
Harborough	SP 596804	112	0 0	3 0	5 5	3 8	2 0	4 3	0 0	0 0	0 0	17 16	
			--	--	1 21	5 14	--	7 3	--	--	--	5 14/1	
<i>Salop</i>													
Shawbury#	SJ 553220	72	0 0	3 0	9 0	6 1	6 1	9 2	0 0	0 0	0 0	33 4	
			--	--	--	7 3	1 2	4 23	--	--	--	4 23/3	
<i>Warwickshire</i>													
Shipston-on-Stour#	SP 213407	111	0 0	1 0	5 0	2 3	0 0	4 2	0 0	0 0	0 0	12 5	
			--	--	--	4 15	--	1 18	--	--	--	4 15/1	
<i>Hereford and Worcester</i>													
Longtown	SO 322291	172	0 0	2 0	3 0	5 3	1 0	7 5	0 0	0 0	0 0	18 8	
			--	--	--	3 15	--	7 23	--	--	--	7 23/3	
Martley	SO 743598	53	0 0	1 0	3 2	5 5	2 0	9 2	1 0	0 0	0 0	21 9	
			--	--	7 22	9 15	--	9 23	--	--	--	9 15/1	

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1979					1980					Season	
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May				
<i>Oxfordshire</i> Brize Norton#	SP 289060	84	0 0	1 0	4 1	6 1	0 0	4 0	0 0	0 0	0 0	15	2	
			--	--	7 22	5 15	--	--	--	--	5	15/1		
Shirburn#	SU 695971	108	0 0	1 0	1 0	3 1	0 0	2 0	0 0	0 0	7	1		
			--	--	--	7 15	--	--	--	--	7	15/1		
<i>Buckinghamshire</i> Little Chalfont	SU 988968	130	0 0	0 0	4 2	3 2	0 0	3 1	0 0	0 0	10	5		
			--	--	7 22	7 3	--	1 18	--	--	1	18/3		
<b>DISTRICT 5—ENGLAND SE &amp; CENTRAL SOUTHERN</b>														
<i>Greater London</i> Charlton Park	TQ 433745	46	0 0	0 0	1 1	0 0	0 0	0 0	0 0	0 0	1	1		
			--	--	2 22	--	--	--	--	--	2	22/12		
Eastcote	TQ 110881	53	0 0	0 0	1 1	1 0	0 0	1 0	0 0	0 0	3	1		
			--	--	1 22	--	--	--	--	--	1	22/12		
Teddington	TQ 169703	9	0 0	0 0	4 1	3 0	0 0	2 0	0 0	0 0	9	1		
			--	--	7 22	--	--	--	--	--	7	22/12		
<i>Wiltshire</i> Boscombe	SU 172403	126	0 0	0 0	6 0	4 1	0 0	6 1	0 0	0 0	16	2		
Down#			--	--	--	7 15	--	7 18	--	--	7	15/1		
Upavon	SU 162552	179	0 0	0 0	6 1	3 3	2 0	6 1	0 0	0 0	17	5		
			--	--	7 22	2 15	--	1 18	--	--	2	15/1		
<i>Surrey</i> Camberley	SU 867600	66	0 0	0 0	1 1	1 0	0 0	3 0	0 0	0 0	5	1		
			--	--	2 22	--	--	--	--	--	2	22/12		
<i>Kent</i> Biddenden	TQ 850362	52	0 0	0 0	1 1	0 0	0 0	0 0	0 0	0 0	1	1		
			--	--	4 21	--	--	--	--	--	4	21/12		
East Malling#	TQ 708571	32	0 0	0 0	3 1	4 0	1 0	3 0	0 0	0 0	11	1		
			--	--	2 22	--	--	--	--	--	2	22/12		
Lyminge	TR 138405	182	0 0	0 0	1 1	1 1	0 0	0 0	0 0	0 0	2	2		
			--	--	7 21	7 18	--	--	--	--	7	21/12		
Manston#	TR 335666	44	0 0	0 0	5 0	2 1	0 0	1 0	0 0	0 0	8	1		
			--	--	--	1 19	--	--	--	--	1	19/1		
Penshurst Place	TQ 528440	40	0 0	0 0	2 1	3 0	0 0	0 0	0 0	0 0	5	1		
			--	--	2 22	--	--	--	--	--	2	22/12		
<i>West Sussex</i> Washington	TQ 118135	23	0 0	0 0	3 0	5 3	1 0	4 0	0 0	0 0	13	3		
			--	--	--	7 11	--	--	--	--	7	11/1		
<b>DISTRICT 7A—ENGLAND NW &amp; ISLE-OF-MAN</b>														
<i>Cumbria</i> Alston	NY 717471	287	0 0	2 2	6 6	10 10	5 8	12 8	0 0	0 0	35	34		
			--	2 15	2 29	7 21	13 5	3 17	--	--	13	5/2		
Dale Head	NY 313175	189	0 0	4 1	4 5	7 6	4 6	9 6	0 0	0 0	28	24		
			--	7 9	3 24	5 3	15 5	23 22	--	--	23	22/3		
Ennerdale	NY 085153	117	0 0	0 0	0 0	3 0	4 3	8 3	0 0	0 0	15	6		
			--	--	--	--	1 2	18 22	--	--	18	22/3		
Geltsdale	NY 575537	229	0 0	2 1	5 3	7 5	4 4	5 5	1 0	0 0	24	18		
			--	7 15	4 29	6 28	D	15 17	--	--	*	*		
Hawes Water	NY 503159	213	0 0	1 1	4 4	5 5	4 4	7 6	0 0	0 0	21	20		
			--	7 15	1 15	5 21	13 2	8 17	--	--	13	2/2		
High Nibthwaite	SD 294898	54	0 0	2 0	2 3	6 3	3 5	5 6	0 0	0 0	18	17		
			--	--	2 24	2 3	6 2	22 22	--	--	22	22/3		
Lanthwaite	SD 165851	44	0 0	0 0	3 1	3 1	3 2	4 3	0 0	0 0	13	7		
			--	--	1 24	1 3	4 2	15 22	--	--	15	22/3		
Moor House#	NY 758328	556	0 0	11 7	12 14	16 21	2 9	8 14	1 0	0 0	50	65		
			--	23 16	8 15	23 24	15 3	19 29	--	--	23	16/11		

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1979					1980					Season			
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May						
<i>Lancashire</i>																
Bacup	SD 847198	404	0 0	6 6	8 5	12 8	7 7	7 9	0 0	0 0	40	35				
			--	5 15	11 30	10 1	11 5	12 18	--	--	12	18/3				
Belmont	SD 692142	247	0 0	4 4	4 8	7 9	4 5	6 8	0 0	0 0	25	34				
			--	4 15	11 29	7 1	6 1	8 17	--	--	11	29/12				
Slaidburn	SD 717547	192	0 0	6 0	10 5	8 5	5 7	9 2	0 0	0 0	38	19				
			--	--	11 30	9 1	11 5	5 17	--	--	11	30/12				
Squires Gate#	SD 316317	10	0 0	3 0	1 0	8 0	5 1	7 2	0 0	0 0	24	3				
			--	--	--	--	1 2	9 22	--	--	9	22/3				
<i>Greater Manchester</i>																
Ringway#	SJ 818850	75	0 0	2 0	6 2	8 0	5 0	6 1	0 0	0 0	27	3				
			--	--	1 29	--	--	1 17	--	--	1	29/12				
Strinesdale	SD 975066	244	0 0	5 5	8 8	11 11	5 5	17 2	0 0	0 0	46	31				
			--	7 8	8 28	6 14	3 1	13 17	--	--	13	17/3				
<i>Cheshire</i>																
Northwich	SJ 656729	14	0 0	0 0	1 1	2 0	3 1	2 0	0 0	0 0	8	2				
			--	--	3 29	--	3 1	--	--	--	3	29/12				
<i>Isle of Man</i>																
Maughold Head	SC 498914	70	0 0	0 0	0 0	0 0	1 1	1 2	0 0	0 0	2	3				
			--	--	--	--	7 2	3 21	--	--	3	21/3				
Snaefell	SC 397880	614	0 0	* *	3 6	5 21	* 8	* 13	* *	* *	*	*				
			--	* *	10 7	8 9	D -	D -	* *	* *	*	*				
<b>DISTRICT 7B-WALES N</b>																
<i>Gwynedd</i>																
Dollgellau	SH 732177	27	0 0	0 0	0 0	0 0	0 0	3 0	0 0	0 0	3	0				
			--	--	--	--	--	--	--	--	--	--				
Pen y Bryn Isaf Valley#	SH 636513	76	0 0	0 0	2 1	10 0	2 0	12 3	0 0	0 0	26	4				
			--	--	1 24	--	--	4 22	--	--	4	22/3				
	SH 310758	10	0 0	1 0	1 0	2 0	0 0	4 1	0 0	0 0	8	1				
			--	--	--	--	--	1 21	--	--	1	21/3				
<i>Clwyd</i>																
Alwen	SH 956528	335	0 0	6 2	7 6	10 20	8 4	11 9	0 0	0 0	42	41				
			--	1 15	7 31	11 15	3 2	8 19	--	--	11	15/1				
Bwlch Tunnel	SJ 164580	277	0 0	1 1	4 7	5 13	4 5	10 11	0 0	0 0	24	37				
			--	7 9	1 23	9 20	5 4	14 19	--	--	14	19/3				
Cae Llwyd	SJ 269482	280	0 0	0 0	3 0	4 2	4 1	5 6	0 0	0 0	16	9				
			--	--	--	5 21	3 4	8 19	--	--	8	19/3				
Clawdd Newydd	SJ 078521	300	0 0	3 0	6 4	8 11	4 2	9 6	0 0	0 0	30	23				
			--	--	4 4	8 15	5 7	5 19	--	--	8	15/1				
Mount Pleasant (Mold)	SJ 256663	153	0 0	2 0	3 0	9 2	2 2	7 4	0 0	0 0	23	8				
			--	--	--	1 21	3 4	8 23	--	--	8	23/3				
<i>Powys (North)</i>																
Lake Vyrnwy#	SJ 017188	303	0 0	3 1	9 4	12 9	8 1	9 8	0 0	0 0	41	23				
			--	7 15	4 24	4 10	3 2	10 23	--	--	10	23/3				
Llanfair Caereinion	SJ 133057	236	0 0	0 0	3 2	6 5	5 0	7 6	0 0	0 0	21	13				
			--	--	1 24	5 15	--	14 19	--	--	14	19/3				
Moel Cynedd	SN 843877	358	0 0	1 0	6 1	12 14	4 0	13 8	0 0	0 0	36	23				
			--	--	1 31	15 21	--	14 20	--	--	15	21/1				
<b>DISTRICT 8A-WALES S</b>																
<i>Dyfed</i>																
Aberporth	SN 242521	133	0 0	0 0	0 0	7 0	2 0	6 1	0 0	0 0	15	1				
			--	--	--	--	--	1 22	--	--	1	22/3				
Towy Castle	SN 406141	84	0 0	2 0	2 0	8 1	1 0	7 0	0 0	0 0	20	1				
			--	--	--	7 15	--	--	--	--	7	15/1				

TABLE 3 (continued)

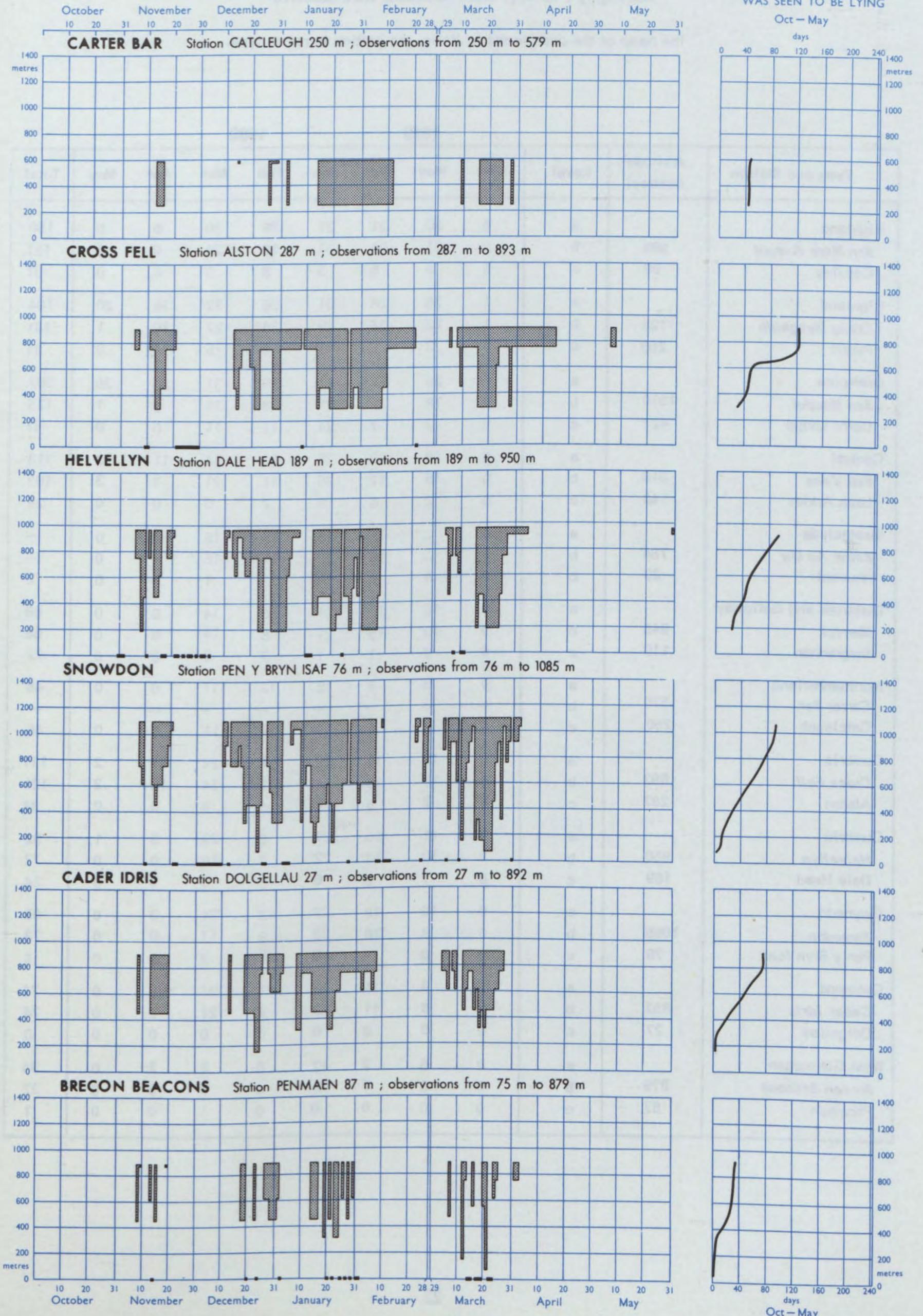
Station	Grid Reference	Altitude (metres)	1979					1980					Season	
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May				
<i>Powys (South)</i> Evancoyd	SO 261630	227	* * * *	* * * *	* * * *	1 8 8 14	* * * *	3 6 8 19	* * * *					
<i>South Glamorgan</i> Barry	ST 077668	210	0 0 --	0 0 --	1 1 1 22	0 0 --	0 0 --	0 0 --	0 0 --	0 0 --	0 0 --	0 0 --	1 1 1 22/12	
<i>West Glamorgan</i> Penmaen	SS 531889	87	0 0 --	1 0 --	1 0 --	5 0 --	1 0 --	4 1 3 22	0 0 --	0 0 --	0 0 --	0 0 --	12 1 3 22/3	
Swansea	SS 655925	23	0 0 --	1 0 --	1 0 --	1 0 --	0 0 --	3 1 3 22	0 0 --	0 0 --	0 0 --	0 0 --	6 1 3 22/3	
<i>Mid Glamorgan</i> Merthyr Tydfil	SO 048071	235	0 0 --	2 0 --	7 5 7 23	6 11 4 15	2 0 --	5 3 * *	0 0 --	0 0 --	0 0 --	0 0 --	22 19 * *	
<i>Gwent</i> Crumbland#	SO 474024	245	0 0 --	0 0 --	2 0 --	1 6 8 15	0 0 --	4 0 --	0 0 --	0 0 --	0 0 --	0 0 --	7 6 8 15/1	
<b>DISTRICT 8B—ENGLAND SW</b>														
<i>Avon</i> Bath	ST 751638	118	0 0 --	0 0 --	1 1 1 22	2 2 5 15	0 0 --	6 0 --	0 0 --	0 0 --	0 0 --	0 0 --	9 3 5 15/1	
Filton#	ST 598802	59	0 0 --	0 0 --	2 1 7 22	4 1 3 1	2 0 --	6 0 --	6 0 --	0 0 --	0 0 --	0 0 --	20 2 3 1/1	
<i>Somerset</i> Exton	SS 962338	335	0 0 --	8 0 --	14 3 2 22	15 7 6 15	5 1 1 1	16 3 7 19	0 0 --	0 0 --	0 0 --	0 0 --	58 14 6 15/1	
Hawkridge	SS 877327	314	0 0 --	0 0 --	2 1 1 19	4 4 4 15	2 1 2 1	4 0 --	0 0 --	0 0 --	0 0 --	0 0 --	12 6 4 15/1	
Nettlecombe Birds Hill#	ST 055362	280	0 0 --	0 0 --	3 1 7 22	3 1 2 15	1 1 2 1	1 1 1 22	0 0 --	0 0 --	0 0 --	0 0 --	8 4 2 15/1	
<i>Dorset</i> Dorchester	SY 697900	6	0 0 --	0 0 --	6 1 7 22	4 0 --	1 0 --	4 1 5 18	0 0 --	0 0 --	0 0 --	0 0 --	15 2 5 18/3	
<i>Devon</i> Burrator	SX 553680	230	0 0 --	2 0 --	1 0 --	2 6 3 15	0 0 --	4 1 1 13	0 0 --	0 0 --	0 0 --	0 0 --	9 7 3 15/1	
Chagford	SX 661866	381	0 0 --	3 0 --	6 3 1 22	5 7 5 15	3 0 --	4 3 3 18	0 0 --	0 0 --	0 0 --	0 0 --	21 13 5 15/1	
Exeter#	SY 001933	32	0 0 --	1 0 --	3 0 --	2 0 --	1 0 --	3 0 --	0 0 --	0 0 --	0 0 --	0 0 --	10 0 --	
North Hessary Tor	SX 585735	427	0 0 --	3 2 1 14	6 1 3 18	5 2 8 14	3 0 --	12 1 1 18	0 0 --	0 0 --	0 0 --	0 0 --	29 6 8 14/1	
Okehampton	SX 593943	240	0 0 --	3 0 --	9 2 7 22	10 4 3 15	3 0 --	6 1 1 18	0 0 --	0 0 --	0 0 --	0 0 --	31 7 3 15/1	
Plymouth	SX 514529	49	0 0 --	0 0 --	2 1 1 22	2 0 --	0 0 --	2 0 --	0 0 --	0 0 --	0 0 --	0 0 --	6 1 1 22/12	
Yalland	SX 690628	264	0 0 --	4 0 --	* * * *	6 3 1 15	1 0 --	5 0 --	0 0 --	0 0 --	0 0 --	0 0 --	* * * *	
<i>Cornwall</i> Bastreet#	SX 244765	232	0 0 --	0 0 --	1 2 7 22	2 3 4 15	0 0 --	2 0 --	0 0 --	0 0 --	0 0 --	0 0 --	5 5 4 15/1	
St Mawgan	SW 871642	103	0 0 --	1 0 --	0 0 --	3 0 --	0 0 --	5 0 --	0 0 --	0 0 --	0 0 --	0 0 --	9 0 --	



# FIGURE 2 (Continued)

DAYS WHEN SNOW COVER WAS POSSIBLY OBSCURED BY  
LOW CLOUD SHOWN BY BLACK SQUARES BELOW 0 METRES

NUMBER OF DAYS WHEN SNOW  
WAS SEEN TO BE LYING  
Oct - May



**Table 4 Number of days with snow observed to be lying in the mountains**

(a) near the summit, (b) at about 750 m, (c) at station level

See Figure 2 for days when mountains were obscured

The name of the peak is set in *italic*, the station in roman type.

Peak and Station	Altitude (metres)	Level	1979			1980					Total
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
Highland		a	0	30	31	31	28	30	0	0	150
<i>Ben More Assynt</i>	998	b	0	21	25	31	15	29	0	0	121
Cassley	99	c	0	9	6	5	8	3	0	0	31
Highland		a	1	25	28	31	26	27	26	20	184
<i>Creag Meagaidh</i>	1128	b	1	22	25	29	26	27	10	1	141
Fersit	259	c	0	3	5	11	9	5	1	0	34
Grampian		a	4	26	27	31	29	31	30	29	207
<i>Ben Macdui</i>	1310	b	0	18	21	31	28	19	7	1	125
Derry Lodge	427	c	0	8	7	24	11	11	0	0	61
Central		a	0	18	20	26	11	24	11	3	113
<i>Ben Vane</i>	916	b	0	18	17	26	11	21	7	3	103
Loch Arklet	146	c	0	2	6	9	7	5	0	0	29
Strathclyde		a	0	—	15	16	17	15	0	0	—
<i>Beinn An Oir</i>	784	b	0	—	15	16	17	15	0	0	—
Rhuvaal	20	c	0	0	0	0	2	1	0	0	3
Dumfries and Galloway		a	0	10	15	21	8	14	0	0	68
<i>Merrick</i>	845	b	0	10	15	21	8	14	0	0	68
Bargrennan	110	c	0	0	1	1	7	3	0	0	12
Northumberland		a	0	3	4	18	12	11	0	0	48
<i>Carter Bar</i>	579	b	—	—	—	—	—	—	—	—	—
Catcleugh	250	c	0	3	1	18	12	11	0	0	45
Cumbria		a	0	12	18	29	21	24	15	2	121
<i>Cross Fell</i>	893	b	0	12	18	29	21	24	15	2	121
Alston	287	c	0	2	6	10	8	8	0	0	34
Cumbria		a	0	11	20	27	8	20	5	1	92
<i>Helvellyn</i>	950	b	0	10	17	22	7	16	0	0	72
Dale Head	189	c	0	1	5	6	6	6	0	0	24
Gwynedd		a	0	10	18	27	13	24	3	0	95
<i>Snowdon</i>	1085	b	0	8	16	23	9	17	0	0	73
Pen y Bryn Isaf	76	c	0	0	1	0	0	3	0	0	4
Gwynedd		a	0	8	11	26	8	21	0	0	74
<i>Cader Idris</i>	892	b	0	8	11	26	8	21	0	0	74
Dolgellau	27	c	0	0	0	0	0	0	0	0	0
West Glamorgan		a	0	5	7	12	0	8	2	0	34
<i>Brecon Beacons</i>	879	b	0	3	7	12	0	8	2	0	32
Penmaen	87	c	0	0	0	0	0	1	0	0	1