



SNOW SURVEY OF GREAT BRITAIN 1980/81

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The front cover shows an infra-red view of the United Kingdom from the satellite TIROS-N taken at 0830 GMT on Saturday 25 April 1981 — photograph by courtesy of the Department of Electrical Engineering and Electronics, University of Dundee.

The snow cover over southern Scotland is most clearly seen, as are two areas of snow in Northern Ireland. There is rather more cloud over northern Scotland and northern England but the snow is still discernible. The remainder of England and Wales is obscured by cloud.

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POSITIONS OF SNOW SURVEY STATIONS 1980/81



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 1980 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 1980. The main report commences with a general description of the 1980/81 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 1980/81. 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 1980

June 1980

Showers of sleet fell on northern hills at the end of the first week. Large patches of snow persisted above 750 m in the central Highlands.

July 1980

Snow showers fell above 600 m on the 15th. Large patches of snow persisted above 750 m in the central Highlands.

August 1980

A few patches above 1050 m remained in the Scottish Highlands.

September 1980

No reports of any snow.

4. Snow observations in Great Britain during the season 1980/81

4.1 Number of days with snow or sleet falling

Over Great Britain as a whole the number of days with snow or sleet falling was about 120 per cent of the 1941–70 average. Orkney, Shetland, the outer Hebrides and most extreme eastern areas of Scotland and England had above average occurrence of snow and sleet but elsewhere the number of days was near normal.

There were more than 80 days with snow or sleet falling in Orkney, Shetland and on the high summits of the central Highlands. Between 40 and 50 days of snow or sleet falling occurred over the high ground in Scotland, the Pennines and the higher regions in North Wales. Parts of Norfolk and Suffolk also had over 40 days with snow or sleet falling which is more than twice the average. 30–40 days of snow or sleet fell

over higher ground in Wales, the Yorkshire Wolds, Dartmoor as well as parts of the north Midlands, East Anglia and the extreme east of Kent. Coastal regions of south-west Scotland, north-west England and Wales, together with south-west England and most of southern and south-east England generally had between 10 and 20 days with snow or sleet falling.

4.2 Number of days with snow lying

The frequency of snow cover over Great Britain was close to the average in most areas. It was below average in central, southern and south-east England but a little above average in most extreme eastern areas from the Firth of Forth to almost as far as the Thames Estuary.

Snow covered the summits in the central Highlands for about 200 days and at altitudes down to 600 m it lay for around 100 days. On the higher ground of the Southern Uplands, the Pennines and North Wales snow also lay for about 100 days. Snow lay on 50–60 days at 300 m in Scotland but only 25–35 days at the same level in the Pennines and North Wales. Snow also lay for some 25–35 days in Shetland, parts of north and east Scotland as well as parts of north-east England and the Yorkshire Wolds. Most parts of southern and central England together with coastal regions of Wales, north-west England and south-west Scotland had less than 10 days with snow lying.

4.3 Notes on the weather of individual months

October 1980

Mean temperatures were below average in all areas. Precipitation was well above average over Wales, almost all of England and much of Scotland. Only in a belt across central areas of Scotland and a few isolated places in England were totals a little below average.

Sleet fell in the Shetlands on the 1st and there was some snow over Scottish mountains on the 7th, 8th and 9th with a little in Snowdonia on the 7th. Sleet and snow fell from the 15th to the 21st over much of the high ground in Scotland and between the 18th and the 20th snow also fell on low ground in Scotland and over high ground in northern England, Wales and south-west England but did not lie long. Further showers of sleet and snow fell in Shetland and in the Grampians and Cairngorms during the last week of the month.

Snow lay on the summits in the central Highlands for 17–24 days and for up to 11 days at levels down to 600 m though at low levels little or no snow lay. Snow lay on the peaks of North Wales for around 9 days, for about 6 days in the Southern Uplands and 3 days in the northern Pennines. Low ground in these areas and remaining parts of Great Britain were snow free apart from falls on two days on Dartmoor.

November 1980

In Shetland and along the south coasts of England and Wales mean temperatures were below average. Elsewhere mean temperatures were close to or just a little below average.

Precipitation was below average in the extreme south-west of Scotland and parts of northern England, while parts of southern England had less than 50 per cent of average. Over Wales and remaining areas of Scotland and England precipitation was above average with around twice the average in the Moray Firth region.

Wintry showers over East Anglia and the Midlands on the 3rd spread to the remainder of England, Wales and southern Scotland by the 5th. Between the 5th and the 8th periods of snow and sleet occurred mainly over the hills of much of England, Wales and southern Scotland. Although falls of snow generally thawed, snow lay in Jersey from the 5th to the 7th with up to 8 cm at St Helier; this is thought to be without parallel for the time of year in the Channel Islands. Between the 7th and the 19th sleet and snow, generally as showers, fell over northern Scotland, mainly over the higher ground. Further wintry showers fell over much of northern Britain on the 26th. The heaviest falls of snow occurred during the last three days of the month when a cold northerly airstream brought snow to all areas. Ollaberry (Shetland) had 13 cm of snow lying on the 28th and Whitehillocks (Tayside) 15 cm on the 30th. Depths of 18 to 20 cm were reported in the Cairngorms during this period.

The frequency of days with snow or sleet falling was greater than average in Shetland, the Midlands, eastern, southern and south-east England but about average elsewhere. In Shetland and over higher ground in northern Scotland snow or sleet fell on 10–13 days. Over all other areas this figure varied from 1–6 days with a few locations managing to escape with none at all.

The number of days with snow lying was above average in most areas. Snow lay on 5–8 days in Shetland and at relatively low altitudes in northern Scotland. In all remaining areas snow lay for as little as one day or up to as many as six days with a few locations having no snow cover at all. Snow lay for 20–25 days on the summits of the Scottish Highlands. At altitudes of 600 m there was snow cover for 10–15 days in northern Scotland, 7–12 days in southern Scotland and 4–8 days in the Pennines, Wales and on the peaks of Dartmoor.

December 1980

Mean temperatures were above average except in Shetland, the Channel Islands, the south coast of England and a few places along the north coast of Scotland where they were near or a little below average.

Precipitation was above average over much of Scotland, north-west England together with some eastern coastal areas of England. More than 150 per cent of average fell in parts of western Scotland and the Northern Isles. Precipitation was below average over most of southern Britain with less than 50 per cent of average in some areas.

Parts of northern Scotland had less than 10 hours sunshine while Southampton had its second sunniest December of the century.

Snow or sleet fell on most days of the month. The cold spell at the end of November continued into December and during the first week all areas were affected. Shetland, northern and eastern Scotland and parts of eastern England had their heaviest falls of the month in this period. Pickering (North Yorkshire) reported a snow depth of 11 cm on the 7th. Wintry precipitation continued to affect many areas from the 14th to the 18th but on the 19th more general snow fell over much of Scotland, northern England and North Wales. Whilst, in some areas, snowfall was heavy over high ground, over low ground accumulations were slight. Many places on the Grampians and Cairngorms had 10–15 cm of snow lying during the 18th–20th. For much of northern Britain the heaviest falls came over the Christmas period on the 25th and 26th though the Midlands, southern and south-east England had little or none. In south-west England only the high moors were affected. A depth of 20 cm was recorded at Glenshero Lodge (Highland) and some drifting of snow occurred bringing chaos to some roads in the north.

The incidence of snow and sleet falling was above average in the Western Isles, Orkney, Shetland and parts of East Anglia but a little below average in the Midlands. There were between 10 and 18 days with snow and sleet falling in Orkney, Shetland and the central Highlands. The rest of Scotland, northern England, East Anglia and the higher ground of North Wales and south-west England had 5–10 days with snow or sleet falling, in remaining areas there were generally 2 days or less.

Snow lay on the summits of the Scottish Highlands throughout the month. At altitudes of 600 m there was snow cover for 17–25 days in the Scottish Highlands and parts of the Southern Uplands. At the same altitude in the northern Pennines and North Wales snow lay for 5–10 days. Over low ground snow lay

for up to 6 days but many parts of the Midlands, South Wales, south-west, central southern and south-east England had no snow cover.

January 1981

Temperatures were above average in all areas apart from the Northern Isles and some northern coastal areas of Scotland where they were close to or a little below average.

Precipitation was above average in northern and western Scotland, about average in Norfolk and below elsewhere. The Borders and Lothian regions only having around 25 per cent of average.

During the first week of the month all parts had some snow or sleet. Wintry showers on the 1st affected all but the Midlands, Wales and south-west England. Two bands of more general snow crossed the country between the 3rd and the 7th giving falls of 15 cm or more in the Scottish Highlands. Over England and Wales accumulations were slight and mainly confined to higher ground. Most parts of southern Britain had their heaviest falls during the 12th to the 15th with 8 cm of snow lying at Wattisham (East Anglia) on the 13th. Scotland and northern England had their heaviest falls from the 15th to the 17th with 30 cm of snow at Couligarton (Central) on the 17th and many other high level stations reporting 20 cm or more. Even at low levels there were some large accumulations for a time with 20 cm at Glasgow Airport on the 16th. Further wintry precipitation affected Scotland and parts of East Anglia until the 21st, then apart from a few falls over high ground in Scotland the rest of the month was snow free.

Snowfall was above average over northern Scotland and parts of East Anglia but close to average in all other areas. There were 15–20 days with snow or sleet falling in the Northern and Western Isles and in the Scottish Highlands.

Over remaining high ground in Scotland, the Pennines, North Wales and parts of East Anglia there were 10–15 days with snow or sleet. Low lying areas of Scotland, England and Wales had anywhere from 2–9 days though quite a few places in southern and south-west England had no snowfall at all.

Snow lay all month on the summits of the Scottish Highlands. At altitudes of 600 m snow lay for 15–20 days in Scotland and the Pennines but only for 10–15 days in North Wales. At low levels over north and east Scotland snow also lay for 10–15 days; over the rest of Scotland and parts of northern England this figure was 3–8 days, and much of Wales and central and southern areas of England had no snow lying.

February 1981

Mean temperatures were close to or above average over Scotland but below average over England and Wales.

Precipitation was above average in western Scotland, south-west England and a broad band from North Wales across the Midlands to Lincolnshire and South Yorkshire. In all other areas precipitation was below average with parts of south-east England having only 30 per cent of average.

Snow showers over Scotland on the 2nd spread south to all areas by the 4th. Two bands of more general snow crossed the north of Britain between the 8th and the 12th giving the north of Scotland its heaviest falls of the month. Wick (Highland) had 10 cm on the 10th and Knockanrock (Highland) 14 cm on the 11th. Snow showers spread into south-east England on the 18th and moved north and west to all areas by the 20th. During the 21st and 22nd snow moved across the country giving some heavy falls over Wales and the Midlands, with 18 cm at Birmingham Airport on the 22nd. During the last week of the month snow or sleet fell in most areas with some heavy falls on northern hills on the 28th leading to some drifting.

The incidence of snowfall was above average over Norfolk and Suffolk but close to or below average in all other areas. Snow or sleet fell on 10–15 days in the Northern Isles, Norfolk and Suffolk and over high ground in Scotland and northern England. Low ground in Wales and south-west England had less than 5 days with snow or sleet falling; in remaining areas the figure was 5–10 days.

Snow lay all month on the summits of the Scottish Highlands. At altitudes of 600 m snow lay for 20–25 days in the North-west Highlands and for 12–18 days in the Grampians and Cairngorms, Southern Uplands, the Pennines and North Wales. Over low ground in all areas there were generally less than 5 days with snow lying with much of south-west England having none lying at all.

March 1981

Mean temperatures were about average in the extreme north of Scotland but above average elsewhere with England and Wales having a very mild month

Precipitation was above average in all areas. England and Wales had the second wettest March for 250 years, only March 1947 being wetter.

Snow fell over the Scottish Highlands on the first two days of the month and wintry precipitation, mainly as showers, fell over eastern and northern Britain between

the 3rd and the 6th. Snow and sleet showers fell in all areas during the 15th to the 17th though low lying parts of England and Wales were not affected. During the 21st to 23rd Scotland, North Wales and northern England had more general snow with depths of 15–20 cm being recorded in the northern Pennines.

The frequency of snow or sleet falling was close to average in all areas. There were 10–15 days with snow or sleet in the Northern Isles and over Scottish hills. Over eastern and northern Scotland, the Western Isles and eastern and north-east England there were 5–10 days and over all remaining areas the figure was generally less than 5 days.

Days with snow lying were also close to average with nearly all low lying areas having less than 5 days with snow lying whilst many places had none at all. The greatest recorded depth during the month was 30 cm at Moorland Cottage (North Yorkshire) on the 1st from the previous day's snowfall. Snow lay all month on the summits of the Scottish Highlands and for 15–20 days at altitudes of 600 m. In the Southern Uplands at 600 m there were 10–15 days of snow lying and over high ground in England and Wales around 5–10 days.

April 1981

Mean temperatures were below average in all areas.

Precipitation was above average in east and north-east England, much of the Midlands and East Anglia with north Norfolk having around 250 per cent of average. In all other areas rainfall was below average with Scotland having a very dry month, only 20 per cent or less of the average in parts of Tayside.

There were a few wintry showers in eastern England on the 19th. Late on the 21st wintry showers moved into the extreme north of Scotland and these spread southward on the 22nd to the rest of Scotland, northern and eastern England. These wintry showers continued to affect northern and eastern Britain on the 23rd but more persistent snow spread into south-west Scotland and north-west England during the evening. On the 24th

snow fell over southern Scotland and northern England and this area of snow moved slowly southwards during the 24th, 25th and 26th finally moving away from the extreme south during the early hours of the 27th. This late fall of snow was notable for the depths recorded and the drifts which occurred in the strong north-easterly winds which accompanied the snow. On the 24th depths of 30 cm or more were commonplace on the higher ground of southern Scotland and northern England with drifts of 4.5 metres at Moorland Cottage (North Yorkshire). Similar depths were observed in these regions on the 25th and from the 25th to the 27th depths of 10–20 cm with drifting in the strong winds were recorded over Wales, central southern England and the West Country. All in all the occurrence of such a prolonged and widespread snowfall in late April is a rare event with only 3 or 4 similar falls this century.

Snow lay on the summits of the Scottish Highlands for up to 20 days but at altitudes of 600 m the figure was 6 days or less in all areas. At low levels the days with snow lying were confined to the period of the late April snow with places affected having snow lying for 1–4 days. Most of East Anglia, southern and south-east England had no snow lying at all, though it was this period which led to the above average precipitation in north Norfolk.

May 1981

Mean temperatures were above average over Scotland but near to normal over England and Wales.

Precipitation was below average over northern and eastern Scotland and north-east England. Over western Scotland, Wales and remaining parts of England precipitation was above average. Parts of southern England had the dullest May since 1932.

Apart from a few wintry showers which affected most areas during the first few days of the month May was almost snow free. There were no reports of snow lying at low levels and at altitudes of 600 m there were only 3 days or less. On the highest Scottish summits snow lay for much of the month.

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/Braemar	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
—	66	20	60	44	51	19	27	12	48	1980/81	—	54	15	30	28	34	3	2	1	25

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 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																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																				1	8
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14		6																			14
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25		1																			25
26		2		*																	26
27																					27
28		4		*	1				1		1	T	1	1	1	10	1	*		T	28
29		7		14					T		T		1			9	T			T	29
30		7		15					T		T		1			5					30

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December 1980

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1				*					T		T		1			5					1
2																					2
3				1																	3
4																					4
5																					5
6	T	1		5																	6
7	1	2		5									2								7
8				5									1								8
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17									T												17
18		3				1					2										18
19		4				T			12												19
20		6		10		6			T		3										20
21		6		10		6			T												21
22				10		5															22
23																					23
24																					24
25		2							T												25
26	2	6				4	2		1		2					1					26
27	1	8				3					5										27
28											3										28
29																					29
30																					30
31									T												31

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January 1981

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	4		1		T															1
2																					2
3																					3
4	2	8	1	1	1	3	1				T					T					4
5	1	13		1		2	1									3					5
6	11	18		3	1	6	3		T												6
7	8	19		3	1	12	3				1										7
8						1															8
9																					9
10		4		5			1		T		T	T				T					10
11				5			1		T		T					T					11
12	1	6		1		T															12
13	4	13	1	1				1	3				3			3	2	T		1	13
14									5												14
15	6	6	2	3		T	1		1		6					T					15
16	14	9	1	3				4	3	10	3					T					16
17	13	19	10	15	6	10															17
18	13	19	2	15	1	7	T														18
19		9		15		4															19
20	2	11		15		7															20
21		6		13		4															21
22				9																	22
23																					23
24																					24
25		1																			25
26				2																	26
27																					27
28																					28
29																					29
30																					30
31																					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 1981

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				1					1												3
4	1	2		1	T																4
5	3	4																			5
6																					6
7																					7
8									2												8
9		3							4		2					3					9
10	5	12														4					10
11	9	14							T							4					11
12		4																			12
13																					13
14																					14
15																					15
16		3																			16
17		2																			17
18									T												18
19									T	1		T									19
20				1			1		T			T									20
21									9												21
22		1		1			1	5	2	1	4	24				18	10				22
23		1		8			1	6	T		8	15				19	6			3	23
24		1		12					T		8	14				17	5			1	24
25		T		11					T		7	13				15	1				25
26				8					T		4	11				13				T	26
27				6					T	1	4	10				11					27
28				8		1	5		T		4					5					28

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 1981

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		2		20		3	5				4										1
2				12																	2
3				8			5														3
4		2		6			2														4
5		4		5			T									1					5
6		3		14		5															6
7		5		8																	7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15		1																			15
16		3					1		1	1											16
17		2									1										17
18		1																			18
19																					19
20		1				1															20
21			1	3					4												21
22		1		3	1	9	11		1		T										22
23		6		3		2	T														23
24		3																			24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					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

April 1981

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																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22									1												22
23				*					9	1	2										23
24	1			9	1	14	8	5	10	3	12					1					24
25		2		3		17	14	T	T		26					4				4	25
26							6		T		16	5					8		1		25
27									T		17						6				25
28											5						3				28
29																					29
30																					30

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.

			1980				1981									
Station	Grid Reference	Altitude (metres)	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Season					
DISTRICT 0—SCOTLAND N																
<i>Shetland</i>																
Mossy Hill	HU 396203	229	2 0 12 5	18 4	16 9 10 6	12 0	10 1 4 0	84 25								
			— — 11 26	3 5	3 4 3 4	— —	3 23	— —	11 26/11							
Ollaberry	HU 333836	226	9 0 10 8	6 5	14 15 10 5	13 1	9 6 2 0	73 40								
			— — 13 28	1 6	10 7 4 11	3 16	10 27	— —	13 28/11							
<i>Orkney</i>																
Kirkwall †	HY 483076	26	7 0 13 0	15 0	19 8 15 2	14 0	5 0 3 0	91 10								
			— — — —	— —	7 16 2 10	— —	— —	— —	7 16/1							
<i>Western Islands</i>																
Benbecula †	NF 782555	6	0 0 6 1	10 0	16 2 7 1	9 0	4 0 0 0	52 4								
			— — 1 28	— —	5 16 1 10	— —	— —	— —	5 16/1							
Stornoway †	NB 459332	3	0 0 5 1	8 0	18 6 5 0	8 0	5 0 1 0	50 7								
			— — 7 28	— —	3 5 — —	— —	— —	— —	3 5/1							
<i>Highland</i>																
Achnagoichan	NH 913082	305	4 3 5 7	8 19	10 14 12 1	10 3	5 2 3 0	57 49								
			7 18 10 27	13 26	13 5 1 23	8 22	3 24	— —	13 26/12							
Ardross	NH 629739	171	2 0 6 5	12 12	14 16 5 3	8 3	4 2 2 0	53 41								
			— — 6 19	8 26	22 18 7 11	3 23	2 24	— —	22 18/1							
Braemore	ND 074297	155	2 1 3 3	5 7	18 14 4 2	3 3	5 2 0 0	40 32								
			1 19 8 7	5 6	15 17 3 11	1 15	7 22	— —	15 17/1							
Cassley	NC 396232	99	0 0 6 5	3 2	7 6 1 1	7 3	1 1 1 1	26 19								
			— — 1 14	3 27	7 6 7 23	6 7	4 25	7 7	7 6/1							
Dalwhinnie	NN 634841	362	11 1 13 7	15 12	20 16 10 4	10 6	3 1 5 0	87 47								
			4 19 9 28	15 25	15 5 8 4	10 22	5 24	— —	15 25/12							
Fersit	NN 351782	259	1 1 8 5	13 11	17 15 13 15	13 9	3 1 0 0	68 57								
			1 19 5 28	13 27	20 17 3 4	4 21	8 24	— —	20 17/1							
Fort William (Br.AI.)	NN 130751	27	0 0 1 3	2 2	10 10 2 2	0 0	1 1 0 0	16 18								
			— — 3 28	7 19	3 12 7 10	— —	1 24	— —	3 28/11							
Glenshero Lodge	NN 562929	268	2 1 12 9	12 13	19 19 8 8	11 10	1 1 4 1	69 62								
			3 19 10 28	20 26	15 6 8 4	10 21	3 24	7 1	20 26/12							
Grantown-on-Spey †	NJ 039285	229	3 0 10 5	12 12	17 16 9 6	10 8	4 0 0 0	65 47								
			— — * *	* *	18 16 2 4	* *	— —	— —	* *							
Inverpolly	NC 074134	14	4 0 6 3	6 2	15 8 6 2	11 0	4 0 2 0	54 15								
			— — 3 28	1 6	3 13 1 10	— —	— —	— —	3 28/11							
Knockanrock	NC 187088	244	5 1 11 8	16 9	17 16 11 12	14 13	3 1 4 0	81 60								
			2 19 7 29	8 27	19 7 14 11	6 23	2 25	— —	19 7/1							
Lairg †	NC 578055	107	0 0 9 3	11 10	16 13 7 3	12 2	5 0 0 0	60 31								
			— — * *	* *	* * 4 10	* *	— —	— —	* *							
Muir of Ord	NH 527500	46	0 0 3 4	9 8	11 15 5 3	4 0	2 0 0 0	34 30								
			— — 4 28	4 27	15 17 4 11	— —	— —	— —	15 17/1							

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1980				1981									
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May					Season	
Prabost	NG 418501	67	0 0	5 3	10 4	14 10	11 4	8 2	5 0	2 0	55	23				
			— —	3 29	1 19	25 17	1 4	7 5	— —	— —	25	17/1				
Ratagan	NG 919197	4	* *	2 3	1 1	6 6	3 3	0 0	0 0	* *	*	*				
			* *	1 28	7 26	6 10	3 9	— —	— —	* *	*	*				
Wick †	ND 364522	36	2 0	9 0	12 4	20 12	15 4	14 0	5 1	3 0	80	21				
			— —	— —	2 26	14 16	9 11	— —	1 24	— —	14	16/1				
DISTRICT 1—SCOTLAND E																
<i>Grampian</i>																
Balmoral †	NO 260946	283	1 0	7 6	12 11	23 18	8 6	10 13	3 0	2 0	66	54				
			— —	* *	* *	* *	* *	* *	* *	— —	*	*				
Crathes	NO 758969	60	4 0	6 5	9 4	14 19	10 4	11 4	4 1	2 0	60	37				
			— —	7 30	7 7	15 17	1 24	2 17	1 24	— —	15	17/1				
Derry Lodge	NO 036932	427	3 1	10 7	15 12	17 18	16 6	14 14	5 2	3 0	83	60				
			1 19	10 29	13 20	15 18	5 28	20 1	1 23	— —	20	1/3				
Drummuir	NJ 372441	189	2 0	6 4	12 4	18 17	7 1	10 6	6 1	2 0	63	33				
			— —	4 30	10 26	15 15	1 10	6 22	1 25	— —	15	15/1				
Dyce †	NJ 883125	58	2 0	7 3	11 2	17 15	10 3	10 1	5 0	3 0	65	24				
			— —	3 28	1 7	15 16	1 4	* *	— —	— —	*	*				
Glenlatterach	NJ 200546	151	0 0	3 3	9 3	10 9	4 0	10 3	4 0	0 0	40	18				
			— —	8 19	5 26	8 5	7 3	5 21	— —	— —	8	19/11				
Glenlivet †	NJ 188303	215	4 0	9 5	16 7	19 16	13 2	16 5	5 1	5 0	87	36				
			— —	— —	8 27	20 16	* *	* *	1 26	— —	*	*				
Inverurie (Townhead)	NJ 762221	82	1 0	6 4	8 4	17 18	13 6	11 2	6 0	2 0	64	34				
			— —	8 30	7 7	18 17	2 20	6 21	— —	— —	18	17/1				
Rochomie	NJ 441633	94	0 0	3 1	6 2	8 6	2 0	0 0	4 0	0 0	23	9				
			— —	1 28	3 26	15 15	— —	— —	— —	— —	15	15/1				
<i>Tayside</i>																
Ardtalnaig	NN 702394	130	0 0	3 0	8 2	12 11	8 0	9 2	4 0	1 0	45	15				
			— —	— —	6 20	7 17	— —	7 6	— —	— —	7	17/1				
Drummond Castle	NN 841177	113	0 0	3 1	5 5	8 13	6 2	5 6	2 1	0 0	29	28				
			— —	* *	* *	15 17	3 22	15 6	5 24	— —	*	*				
Kindrogan †	NO 054629	259	2 1	8 5	15 16	16 21	12 10	9 13	4 0	1 0	67	66				
			9 19	11 29	12 20	24 20	5 4	* *	— —	— —	*	*				
Tannadice	NO 474582	61	1 1	5 4	10 6	16 17	9 4	10 2	4 0	* *	*	*				
			1 19	6 29	3 1	8 17	2 23	5 6	— —	* *	*	*				
Whitehillocks	NO 448800	258	2 0	7 5	8 8	14 18	8 10	7 10	5 3	2 0	53	54				
			— —	15 30	10 20	15 17	12 24	20 1	9 24	— —	20	1/3				
<i>Fife</i>																
Leuchars †	NO 468208	10	1 0	3 2	9 1	14 6	9 0	6 0	4 0	0 0	46	9				
			— —	1 28	7 18	2 4	— —	— —	— —	— —	2	4/1				
Loch Leven	NT 158988	122	0 0	3 3	6 5	10 13	8 2	5 3	2 1	* *	*	*				
			— —	1 26	3 20	15 17	1 23	13 6	4 24	* *	*	*				
<i>Lothian</i>																
Cramond	NT 180758	26	0 0	1 1	5 0	9 5	7 1	8 1	3 1	1 0	34	9				
			— —	1 28	— —	6 17	7 4	1 22	1 24	— —	6	17/1				
Hopes	NT 551622	247	1 0	4 0	8 2	11 3	9 8	6 4	4 3	0 0	43	20				
			— —	— —	5 20	10 16	3 23	10 22	10 24	— —	10	16/1				
Hungry Snout	NT 665633	218	1 0	6 0	6 1	7 9	6 6	6 4	5 1	0 0	37	21				
			— —	— —	1 19	11 16	2 28	6 21	2 23	— —	11	16/1				
<i>Borders</i>																
Baddinsgill	NT 126554	335	1 1	7 6	8 4	15 14	7 6	8 7	5 3	2 0	53	41				
			7 16	1 19	9 26	6 1	3 28	11 6	2 24	— —	11	6/3				
Broughton	NT 123296	226	4 0	5 4	10 4	17 8	8 1	10 3	4 3	1 0	59	23				
			— —	7 28	5 26	5 17	3 28	6 22	15 25	— —	15	25/4				
Newcastleton	NY 479870	105	0 0	3 0	4 0	8 5	5 2	6 0	3 1	0 0	29	8				
			— —	— —	— —	6 16	7 11	— —	5 23	— —	6	16/1				
Portmore	NT 260507	305	0 0	2 0	5 8	10 14	5 11	4 5	3 5	0 0	29	43				
			— —	— —	5 25	5 1	5 28	10 22	1 23	— —	10	22/3				
Sourhope	NT 843203	221	5 0	5 4	8 7	10 11	10 5	7 6	3 4	1 0	49	37				
			— —	5 29	5 20	5 16	1 24	10 22	15 24	— —	10	22/3				
West Linton †	NT 150520	244	0 0	0 0	5 3	8 7	0 0	3 2	4 3	0 0	20	15				
			— —	— —	* *	* *	— —	* *	3 25	— —	*	*				

TABLE 3 (continued)

			1980				1981									
Station	Grid Reference	Altitude (metres)	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Season					
DISTRICT 6—SCOTLAND W																
Strathclyde																
Inverawe	NN 021316	23	1 0	5 0	11 0	16 6	12 0	11 1	2 0	1 0	59	7				
			— —	— —	— —	10 17	— —	1 21	— —	— —	10	17/1				
Lanark	NS 875434	152	0 0	3 1	* *	9 7	8 0	9 2	3 2	1 0	*	*				
			— —	1 28	* *	4 3	— —	3 5	3 24	— —	*	*				
Machrihanish †	NG 663226	10	0 0	1 0	5 *	8 *	9 *	5 0	2 1	0 0	30	*				
			— —	— —	* *	* *	* *	— —	* *	— —	*	*				
Mauchline	NS 494283	172	0 0	1 0	4 4	2 2	1 1	1 0	* *	* *	*	*				
			— —	— —	2 17	2 16	7 21	— —	* *	* *	*	*				
Rhuvaal	NR 426792	20	0 0	0 0	0 0	3 0	3 0	1 0	1 0	0 0	8	0				
			— —	— —	— —	— —	— —	— —	— —	— —	—	—				
South Moorhouse	NS 529508	249	0 0	3 3	4 4	9 9	3 3	1 1	2 2	* *	*	*				
			— —	2 24	3 25	8 16	3 21	2 5	5 24	* *	*	*				
Tiree †	NL 999446	9	0 0	4 0	5 0	7 1	7 0	1 0	2 0	0 0	20	1				
			— —	— —	— —	1 15	— —	— —	— —	— —	1	15/11				
Central																
Brig o'Turk	NN 537063	84	0 0	0 0	4 4	9 9	2 2	2 2	1 1	0 0	18	18				
			— —	— —	5 26	18 17	11 22	10 6	1 24	— —	18	17/1				
Couligarton	NN 454007	49	0 0	3 0	6 8	15 14	9 6	5 3	1 1	0 0	39	32				
			— —	— —	10 20	30 17	18 22	18 6	1 24	— —	30	17/1				
Glengyle	NN 388133	122	0 0	2 0	6 6	9 11	6 6	3 2	1 1	1 0	28	26				
			— —	— —	8 20	23 17	8 22	13 6	1 24	— —	23	17/1				
Lock Arklet	NN 376096	146	0 0	5 0	5 7	11 12	6 6	5 3	1 1	0 0	33	29				
			— —	— —	8 20	28 17	10 22	18 6	1 24	— —	28	17/1				
Loch Vennachar	NN 598063	84	0 0	0 0	3 8	8 15	3 4	2 3	2 1	0 0	18	31				
			— —	— —	7 20	18 17	5 22	15 6	7 24	— —	18	17/1				
Stronachlachar	NN 401103	117	0 0	0 0	4 4	5 9	1 3	3 2	1 1	0 0	14	19				
			— —	— —	8 20	25 17	8 22	10 6	7 24	— —	25	17/1				
Dumfries and Galloway																
Bargrennan	NX 361789	110	0 0	2 1	5 3	9 3	7 3	5 0	2 2	0 0	30	12				
			— —	2 28	5 26	5 16	7 23	— —	12 24	— —	12	24/4				
Eskdalemuir	NT 235026	242	0 0	5 0	9 7	16 13	11 1	11 5	5 2	3 0	60	30				
			— —	— —	6 20	12 7	1 28	9 22	17 25	— —	17	25/4				
Forest Lodge (Dalry)	NX 555866	152	0 0	0 0	1 5	3 4	2 7	5 3	1 2	0 0	12	21				
			— —	— —	3 19	7 15	7 21	10 5	30 23	— —	30	23/4				
DISTRICT 2—ENGLAND E & NE																
Northumberland																
Catcleugh	NT 749032	250	0 0	4 4	7 6	9 2	6 2	5 6	2 5	0 0	33	25				
			— —	9 29	13 20	8 17	8 28	13 22	30 25	— —	30	25/4				
Stonehaugh †	NY 792760	201	0 0	3 3	2 2	9 10	6 3	6 8	4 4	0 0	30	30				
			— —	1 29	8 1	5 17	5 28	* *	20 25	— —	*	*				
Tyne and Wear																
Killingworth	NZ 282710	76	0 0	3 4	3 5	7 7	7 4	3 1	2 2	0 0	25	23				
			— —	9 28	6 7	9 16	7 21	6 22	6 25	— —	9	28/11				
Gosforth	NZ 240693	52	0 0	3 3	5 3	8 5	8 3	4 3	3 2	1 0	32	19				
			— —	8 29	6 7	5 17	7 21	4 22	6 25	— —	8	29/11				
Durham																
Burnhope	NZ 282710	244	0 0	2 3	5 5	4 6	5 3	3 6	2 4	* *	*	*				
			— —	5 29	6 7	10 16	18 28	7 3	5 24	* *	*	*				
North Yorkshire																
Chelker	SE 051517	223	0 0	2 3	5 6	9 10	7 9	10 6	4 6	0 0	37	40				
			— —	3 28	1 19	8 16	13 28	8 1	46 25	— —	46	25/4				
High Mowthorpe	SE 888685	175	0 0	3 3	6 6	9 7	9 9	5 2	5 4	1 0	38	31				
			— —	10 30	15 7	1 5	4 23	5 1	18 25	— —	18	25/4				
Malham Tarn †	SD 893672	395	0 0	7 2	8 6	13 11	12 9	3 6	5 6	2 0	50	40				
			— —	3 30	* *	* *	* *	* *	* *	— —	*	*				
Moorland Cottage (Sedburgh)	SD 807923	343	0 0	3 3	5 5	10 8	9 9	11 6	6 6	0 0	44	37				
			— —	5 29	10 19	8 16	3 21	30 1	60 24	— —	60	24/4				

TABLE 3 (continued)

1980										1981											
Station	Grid Reference	Altitude (metres)	Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Season		
Osmotherley	SE 458967	147	0	0	4	4	5	5	4	4	5	7	4	4	3	4	0	0	25	28	
Humberside Sledmere	SE 933648	121	—	—	14	29	10	1	4	11	6	28	15	22	15	25	—	—	15	22/3	
Lincolnshire Southrey	TF 140664	6	1	0	3	3	9	3	12	5	12	6	6	3	5	5	0	0	48	25	
			—	—	4	28	14	6	8	16	10	28	3	17	13	24	—	—	14	6/12	
			0	0	2	1	2	1	3	1	3	1	1	0	3	0	0	0	14	4	
			—	—	4	27	3	6	3	17	7	23	—	—	—	—	—	—	4	27/11	
DISTRICT 3—EAST ANGLIA																					
Norfolk Coltishall †	TG 262229	17	0	0	5	0	7	4	11	3	13	5	7	0	3	0	1	0	47	12	
			—	—	—	—	7	7	1	13	2	23	—	—	—	—	—	—	2	23/2	
Costessey	TG 176121	6	0	0	6	2	8	6	11	5	12	6	5	0	4	0	1	0	47	19	
			—	—	1	25	2	7	7	13	3	23	—	—	—	—	—	—	7	13/1	
Marham	TF 726094	23	0	0	5	3	9	4	14	1	12	0	8	0	5	0	0	0	53	8	
			—	—	1	28	2	7	3	13	—	—	—	—	—	—	—	—	3	13/1	
Cambridgeshire Cambridge	TL 434604	24	0	0	3	3	1	1	5	0	6	1	3	0	1	0	0	0	19	5	
			—	—	5	29	3	1	—	—	1	24	—	—	—	—	—	—	5	29/11	
Etton	TF 142048	11	0	0	2	1	1	0	4	1	7	2	2	0	4	0	0	0	20	4	
			—	—	1	28	—	—	1	6	1	23	—	—	—	—	—	—	1	28/11	
Suffolk Melton	TM 281506	9	0	0	1	2	5	4	5	5	6	4	1	0	1	0	*	*	*	*	
			—	—	1	28	*	*	6	12	4	23	—	—	—	—	*	*	*	*	
Wingfield	TM 235782	49	0	0	4	3	6	1	11	1	11	3	2	0	3	0	0	0	37	8	
			—	—	1	28	3	7	4	12	1	22	—	—	—	—	—	—	4	12/1	
Wattisham	TM 026514	89	0	0	7	4	7	4	10	2	13	5	5	0	3	0	0	0	45	15	
			—	—	6	29	3	1	8	13	2	24	—	—	—	—	—	—	8	13/1	
Bedfordshire Bedford	TL 053599	94	0	0	5	2	4	0	8	4	10	2	6	0	5	1	0	0	38	9	
			—	—	1	7	—	—	1	7	1	24	—	—	7	26	—	—	1	7/11	
Woburn †	SP 964360	89	0	0	5	3	0	0	6	0	3	0	2	0	3	0	0	0	19	3	
			—	—	1	28	—	—	—	—	—	—	—	—	—	—	—	—	1	28/11	
Hertfordshire Rothamsted †	TL 132134	128	0	0	6	2	0	0	6	2	7	2	2	0	0	0	0	0	21	6	
			—	—	1	28	—	—	1	10	1	22	—	—	—	—	—	—	1	28/11	
Essex Langham	TM 018339	12	0	0	3	2	1	0	6	2	5	0	1	0	1	0	0	0	17	4	
			—	—	5	28	—	—	5	12	—	—	—	—	—	—	—	—	5	28/11	
Layer-de-la-Haye	TL 965196	44	0	0	6	3	5	1	7	3	7	0	5	0	2	0	0	0	32	7	
			—	—	5	28	1	6	1	12	—	—	—	—	—	—	—	—	5	28/11	
Rayleigh	TQ 805910	73	0	0	3	2	0	0	2	0	7	2	1	0	0	0	0	0	13	4	
			—	—	3	29	—	—	—	—	7	22	—	—	—	—	—	—	3	29/11	
DISTRICT 4—MIDLAND COUNTIES																					
West Yorkshire Huddersfield	SE 113177	232	0	0	3	2	9	4	13	3	9	11	4	2	5	6	1	0	44	28	
Oakes †			—	—	7	29	7	1	1	7	10	9	*	*	59	25	—	—	*	*	
Thornton Moor	SE 051334	363	0	0	3	3	3	3	12	12	8	16	2	9	4	4	1	0	33	47	
			—	—	7	28	3	19	1	1	D	28	8	1	D	25	—	—	D	28/2	
South Yorkshire Doncaster	SE 576040	9	0	0	1	0	0	0	0	0	3	0	0	0	2	0	*	*	*	*	
			—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	*	*	*	
Redmires	SK 262857	338	0	0	4	2	10	12	12	6	10	21	3	5	6	8	0	0	45	54	
			—	—	5	29	3	20	3	15	16	10	10	1	41	25	—	—	41	25/4	
Derby Buxton †	SK 060725	307	0	0	4	3	5	6	14	6	13	10	7	3	6	6	2	0	51	34	
			—	—	1	28	5	27	6	15	8	23	*	*	26	25	—	—	*	*	
Edale	SK 097855	293	0	0	6	3	1	7	2	4	12	12	*	*	*	*	*	*	*	*	
			—	—	3	28	5	25	9	16	7	23	*	*	*	*	*	*	*	*	

TABLE 3 (continued)

			1980				1981									
Station	Grid Reference	Altitude (metres)	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Season					
Littleover	SK 334339	71	0 0 4 1	3 0	9 5 9 4	4 0	4 1 1 0	34 11								
			— — 7 28	— —	5 15 5 23	— —	1 26 — —	5 15/1								
Wingerworth	SK 378665	116	0 0 3 2	3 1	8 2 10 6	* *	* * * *	* *								
			— — 1 29	7 1	2 15 5 23	* *	* * * *	* *								
Wood Cottage	SK 128896	310	0 0 5 3	1 7	4 4 16 16	* *	* * * *	* *								
			— — 1 28	1 27	3 15 8 23	* *	* * * *	* *								
Staffordshire Hednesford	SK 123017	235	0 0 2 1	1 1	4 3 3 3	1 1	2 2 0 0	13 11								
			— — 5 28	5 19	5 14 35 22	4 5	5 26 — —	35 22/2								
Leicestershire Market	SP 732879	96	0 0 3 2	0 0	7 3 4 4	2 0	4 2 0 0	20 11								
			— — 1 29	— —	1 13 5 23	— —	5 26 — —	5 23/2								
Harborough Stanford	SP 596804	112	0 0 6 4	3 2	6 4 8 5	3 1	4 2 0 0	30 18								
			— — 2 28	1 1	3 12 6 22	1 5	5 26 — —	6 22/2								
Salop Shawbury †	SJ 553220	72	0 0 2 0	2 0	8 1 10 6	3 0	4 0 0 0	29 7								
			— — — —	— —	1 16 8 22	— —	— — — —	8 22/2								
Warwickshire Shipston-on- Stour †	SP 213407	111	0 0 2 1	1 0	7 1 5 4	3 0	2 2 0 0	20 8								
			— — 7 7	— —	1 13 2 22	— —	9 26 — —	9 26/4								
Hereford and Worcester Longtown	SO 322291	172	0 0 3 1	3 0	3 1 5 7	3 0	4 3 0 0	21 12								
			— — 7 28	— —	7 12 20 22	— —	17 27 — —	20 22/2								
Martley	SO 743598	53	0 0 3 1	2 0	6 1 7 6	3 0	3 1 0 0	24 9								
			— — 7 28	— —	7 10 24 22	— —	5 26 — —	24 22/2								
Oxfordshire Brize Norton †	SP 289060	84	0 0 3 0	4 0	7 1 8 2	0 0	3 1 0 0	25 4								
			— — — —	— —	1 13 5 22	— —	6 26 — —	6 26/4								
Shirburn †	SU 695971	108	0 0 4 0	1 0	6 0 8 2	1 0	3 1 1 0	24 3								
			— — — —	— —	— — 3 22	— —	11 26 — —	11 26/4								
Buckinghamshire Little Chalfont	SU 988968	130	0 0 3 2	1 0	8 1 7 3	2 0	2 1 0 0	23 7								
			— — 7 2	— —	1 11 4 22	— —	3 26 — —	4 22/2								
DISTRICT 5—ENGLAND SE & CENTRAL SOUTHERN																
Greater London Charlton Park	TQ 433745	46	0 0 3 1	0 0	2 0 2 0	0, 0	0 0 0 0	7 1								
			— — 1 29	— —	— — — —	— —	— — — —	1 29/11								
Eastcote	TQ 110881	53	0 0 3 0	0 0	4 0 3 1	0 0	1 0 0 0	11 1								
			— — — —	— —	— — 4 22	— —	— — — —	4 22/2								
Teddington	TQ 169703	9	0 0 4 0	1 0	5 0 6 1	1 0	1 0 0 0	18 1								
			— — — —	— —	— — 1 22	— —	— — — —	1 22/2								
Wiltshire Boscombe	SU 172403	126	0 0 6 0	6 0	4 0 8 1	0 0	3 1 0 0	27 2								
			— — — —	— —	— — 6 22	— —	8 26 — —	8 26/4								
Down † Upavon †	SU 162552	179	0 0 4 0	3 0	5 0 8 1	2 0	3 1 0 0	25 2								
			— — — —	— —	— — 3 22	— —	7 26 — —	7 26/4								
Surrey Camberley	SU 867600	66	0 0 2 0	* *	* *	4 1	1 0	* *								
			— — — —	* *	* * 7 22	— —	1 26 — —	* *								
Kent Biddenden	TQ 850362	52	0 0 * *	* *	0 0 1 1	0 0	0 0 0 0	* *								
			— — * *	* *	— — * *	— —	— — — —	* *								
East Malling †	TQ 708571	32	0 0 6 0	0 0	7 0 7 1	2 0	0 0 0 0	22 1								
			— — — —	— —	— — 7 22	— —	— — — —	7 22/2								
Lyminge	TR 138405	182	0 0 3 3	0 0	0 0 4 4	0 0	0 0 0 0	7 7								
			— — 1 6	— —	— — 1 22	— —	— — — —	1 6/11								
Manston †	TR 335666	44	0 0 6 0	3 0	8 0 9 1	4 0	5 0 0 0	35 1								
			— — — —	— —	— — 7 21	— —	— — — —	7 21/2								
Penshurst Place	TQ 528440	40	0 0 6 1	0 0	4 0 8 0	2 0	3 0 * *	* *								
			— — 1 28	— —	— — — —	— —	— — * *	* *								

TABLE 3 (continued)

1980										1981										
Station	Grid Reference	Altitude (metres)	Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Season	
Wye †	TR 057469	56	0	0	6	2	0	0	*	*	7	3	*	0	0	0	0	*	*	
			—	—	T	7	—	—	*	*	T	19	—	—	—	—	—	*	*	
West Sussex																				
Washington	TQ 118135	53	0	0	5	2	0	0	3	0	5	2	1	0	1	0	0	0	15	4
			—	—	4	7	—	—	—	—	T	19	—	—	—	—	—	—	4	7/11
DISTRICT 7A—ENGLAND NW & ISLE OF MAN																				
Cumbria																				
Alston	NY 717471	287	0	0	3	0	6	1	12	8	8	4	8	7	5	3	1	0	43	23
			—	—	—	—	2	26	8	7	5	28	11	22	14	25	—	—	14	25/4
Dale Head	NY 313175	189	0	0	4	1	3	2	8	5	4	6	8	3	4	4	0	0	31	21
			—	—	T	6	3	26	3	17	8	23	10	22	15	25	—	—	15	25/4
Ennerdale	NY 085153	117	0	0	0	0	5	0	3	2	3	0	3	1	3	0	0	0	17	3
			—	—	—	—	—	—	5	13	—	—	1	22	—	—	—	—	5	13/1
Geltsdale	NY 575537	229	*	*	0	0	*	*	*	*	6	6	1	6	*	6	*	*	*	*
			*	*	—	—	*	*	*	*	8	23	20	22	13	24	*	*	*	*
Hawes Water	NY 503159	213	0	0	2	0	2	3	6	4	3	5	4	4	3	3	0	0	20	19
			—	—	T	28	4	20	8	16	11	28	8	22	30	25	—	—	30	25/4
High Nibthwaite	SD 294898	54	0	0	0	0	2	1	5	2	4	7	6	2	2	2	0	0	19	14
			—	—	—	—	1	26	5	16	17	23	2	1	13	24	—	—	17	23/2
Lanthwaite	SD 165851	44	0	0	0	0	2	0	3	2	4	2	4	0	2	2	0	0	15	6
			—	—	—	—	—	—	4	16	6	23	—	—	5	24	—	—	6	23/2
Rydal	NY 365057	67	0	0	0	0	0	0	4	3	6	8	3	3	*	*	0	0	*	*
			—	—	—	—	—	—	9	16	10	22	6	22	*	*	—	—	*	*
Lancashire																				
Bacup	SD 847198	404	0	0	2	4	8	7	12	4	*	*	2	1	5	6	0	0	*	*
			—	—	1	28	10	19	10	16	*	*	10	21	46	24	—	—	*	*
Belmont	SD 692142	247	0	0	1	3	5	8	8	7	11	15	3	3	3	6	0	0	31	42
			—	—	1	28	12	19	5	14	9	21	4	21	10	24	—	—	12	19/12
Slaidburn	SD 717547	192	0	0	2	0	8	1	15	0	6	2	6	2	5	3	1	0	43	8
			—	—	—	—	1	27	—	—	5	28	7	22	15	25	—	—	15	25/4
Squires Gate †	SD 316317	10	0	0	0	0	1	0	7	1	4	2	3	1	2	1	0	0	17	5
			—	—	—	—	—	—	T	15	4	22	*	*	T	24	—	—	*	*
Greater Manchester																				
Ringway †	SJ 818850	75	0	0	5	0	5	0	13	2	11	0	4	1	4	0	1	0	43	3
			—	—	—	—	—	—	4	16	—	—	*	*	—	—	—	—	*	*
Strine Dale	SD 955062	213	0	0	5	0	10	2	16	13	14	6	8	1	6	7	1	0	60	29
			—	—	—	—	1	19	1	13	4	8	3	22	10	24	—	—	10	24/4
Cheshire																				
Northwich	SJ 656729	14	0	0	1	0	1	1	4	2	7	4	2	0	2	1	1	0	18	8
			—	—	—	—	1	19	1	14	1	21	—	—	2	24	—	—	2	24/4
Isle of Man																				
Maughhold Head	SC 498914	70	0	0	0	0	0	0	2	1	1	1	0	0	1	0	0	0	4	2
			—	—	—	—	—	—	3	15	T	22	—	—	—	—	—	—	3	15/1
Snaefell	SC 397880	614	0	0	1	3	3	4	8	7	7	9	5	9	*	*	0	0	*	*
			—	—	8	26	4	19	8	15	D	21	13	5	*	*	—	—	*	*
DISTRICT 7B—WALES N																				
Gwynedd																				
Dolgellau	SH 732177	27	0	0	1	1	1	0	1	0	1	0	0	0	4	0	0	0	8	1
			—	—	1	28	—	—	—	—	—	—	—	—	—	—	—	—	1	28/11
Pen y Bryn Isaf	SH 636513	76	0	0	4	1	7	1	9	2	9	3	1	0	3	0	0	0	33	7
			—	—	2	28	T	8	T	13	4	22	—	—	—	—	—	—	4	22/2
Valley †	SH 310758	10	0	0	1	0	0	0	5	0	2	0	0	0	3	0	0	0	11	0
			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ysbyty Ifan	SH 860497	262	0	0	1	1	*	*	3	1	6	3	*	*	2	2	1	0	*	*
			—	—	1	26	*	*	1	13	3	10	*	*	D	25	—	—	*	*
Clwyd																				
Alwen	SH 956528	335	3	0	6	4	9	3	11	5	13	16	6	2	4	4	0	0	52	34
			—	—	7	28	5	1	4	5	9	10	T	17	16	25	—	—	16	25/4

TABLE 3 (continued)

1980										1981										
Station	Grid Reference	Altitude (metres)	Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Season	
Bwlch Tunnel	SJ 164580	277	0	0	2	5	4	4	8	8	7	15	1	1	5	4	0	0	27	37
			—	—	1	27	1	14	4	13	10	8	3	21	13	24	—	—	13	24/4
Cae Llwyd	SJ 269482	280	0	0	1	2	5	0	8	1	9	8	2	0	4	1	0	0	29	12
			—	—	1	28	—	—	4	16	14	22	—	—	3	25	—	—	14	22/2
Clawdd	SJ 078521	300	0	0	2	4	5	2	8	3	9	9	2	1	4	1	0	0	30	20
Newydd			—	—	4	28	1	15	4	16	9	9	1	22	5	25	—	—	9	9/2
Mount Pleasant (Mold)	SJ 256663	153	0	0	1	0	7	0	7	0	5	7	1	0	4	1	0	0	25	8
			—	—	—	—	—	—	—	—	13	23	—	—	8	25	—	—	13	23/2
Powys (North) Lake Vyrnwy †	SJ 017188	303	0	0	5	3	6	2	12	7	14	10	7	1	4	2	0	0	48	25
			—	—	10	28	5	1	3	5	19	23	*	*	4	25	—	—	*	*
DISTRICT 8A—WALES S																				
Dyfed																				
Aberporth	SN 242521	133	0	0	1	0	2	0	2	0	6	1	3	0	3	0	0	0	17	1
			—	—	—	—	—	—	—	—	7	23	—	—	—	—	—	—	7	23/2
Towy Castle	SN 406141	84	0	0	2	2	4	0	3	1	8	4	1	0	3	0	*	*	*	*
			—	—	1	28	—	—	7	13	7	23	—	—	—	—	*	*	*	*
Powys (South) Evancoyd	SO 261630	227	*	*	1	3	1	1	3	2	2	6	0	0	3	5	*	*	*	*
			*	*	5	28	1	19	5	15	23	22	—	—	13	27	*	*	*	*
South Glamorgan Barry	ST 077668	64	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	2	2
			—	—	—	—	—	—	—	—	1	22	—	—	3	26	—	—	3	26/4
West Glamorgan Penmaen	SS 531889	87	0	0	1	1	0	0	3	0	3	0	0	0	2	0	1	0	10	1
			—	—	1	28	—	—	—	—	—	—	—	—	—	—	—	—	1	28/11
Swansea	SS 655925	23	0	0	1	1	0	0	3	1	3	0	0	0	1	0	0	0	8	2
			—	—	1	28	—	—	7	13	—	—	—	—	—	—	—	—	1	28/11
Mid Glamorgan Merthyr Tydfil	SO 048071	235	0	0	4	2	2	0	3	1	8	4	1	0	4	3	1	0	23	10
			—	—	1	28	—	—	2	13	10	22	—	—	8	26	—	—	10	22/2
Cwm Bargoed	SO 081062	372	0	0	2	3	5	2	7	5	10	8	3	0	4	3	1	0	32	21
			—	—	1	28	1	26	1	10	15	22	—	—	D	27	—	—	D	27/4
Gwent Crumblant †	SO 474024	245	0	0	0	0	0	0	1	0	2	6	0	0	4	3	0	0	7	9
			—	—	—	—	—	—	—	—	22	22	—	—	5	27	—	—	22	22/2
DISTRICT 8B—ENGLAND SW																				
Somerset																				
Exton †	SS 962338	329	4	0	8	3	6	1	9	2	14	5	6	0	4	2	2	0	53	13
			—	—	1	28	7	26	7	10	10	22	—	—	10	27	—	—	10	22/2
Hawkrigge	SS 877327	314	0	0	4	0	1	0	3	0	6	3	0	0	3	2	0	0	17	5
			—	—	—	—	—	—	—	—	6	22	—	—	11	27	—	—	11	27/4
Nettlecombe † (Birds Hill)	ST 055362	280	0	0	0	0	1	1	2	0	5	3	0	0	0	0	0	0	8	4
			—	—	—	—	7	26	—	—	4	22	—	—	—	—	—	—	4	22/2
Dorset																				
Dorchester	SY 693891	60	0	0	5	0	1	0	3	0	3	0	0	0	2	1	0	0	14	1
			—	—	—	—	—	—	—	—	—	—	—	—	1	26	—	—	1	26/4
Devon																				
Burrator	SX 553680	230	0	0	4	1	0	0	2	1	4	0	1	0	4	1	0	0	15	3
			—	—	3	8	—	—	2	13	—	—	—	—	6	26	—	—	6	26/4
Chagford	SX 661866	381	0	0	4	5	2	0	3	1	4	3	3	1	3	4	0	0	19	14
			—	—	3	8	—	—	4	13	3	23	7	17	14	27	—	—	14	27/4
Exeter †	SY 001933	32	0	0	3	0	2	0	1	0	3	0	0	0	3	1	0	0	12	1
			—	—	—	—	—	—	—	—	—	—	—	—	1	26	—	—	1	26/4
North Hessary Tor	SX 585735	427	2	0	8	6	7	0	4	1	6	1	1	0	2	2	3	0	33	10
			—	—	2	28	—	—	4	12	4	21	—	—	8	25	—	—	8	25/4
Okehampton	SX 593943	240	0	0	6	3	8	0	7	1	8	3	2	0	3	3	*	*	*	*
			—	—	1	8	—	—	1	13	2	23	—	—	15	26	*	*	*	*

FIGURE 2 DISTRIBUTION OF SNOW COVER 1980/81

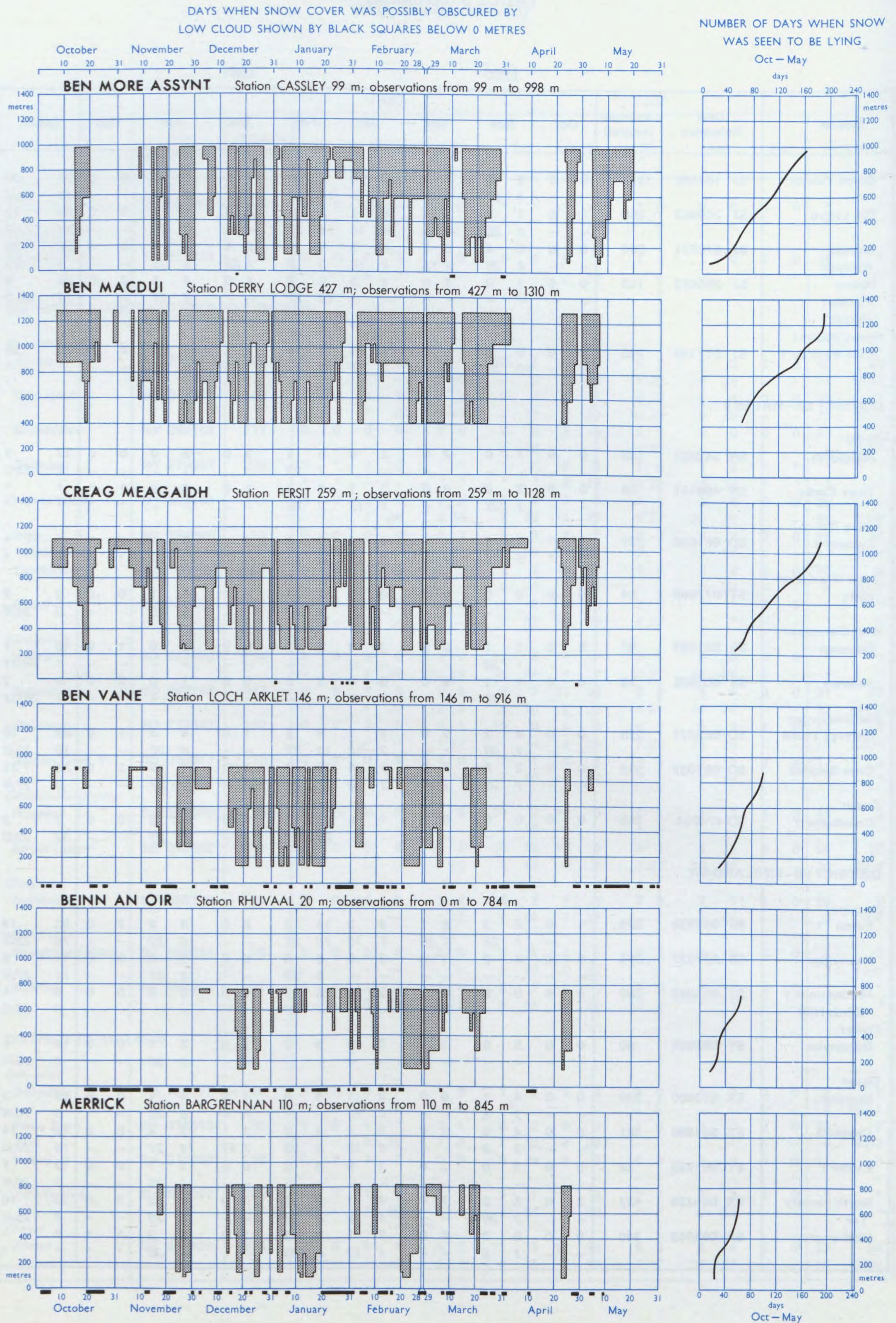


FIGURE 2 (Continued)

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

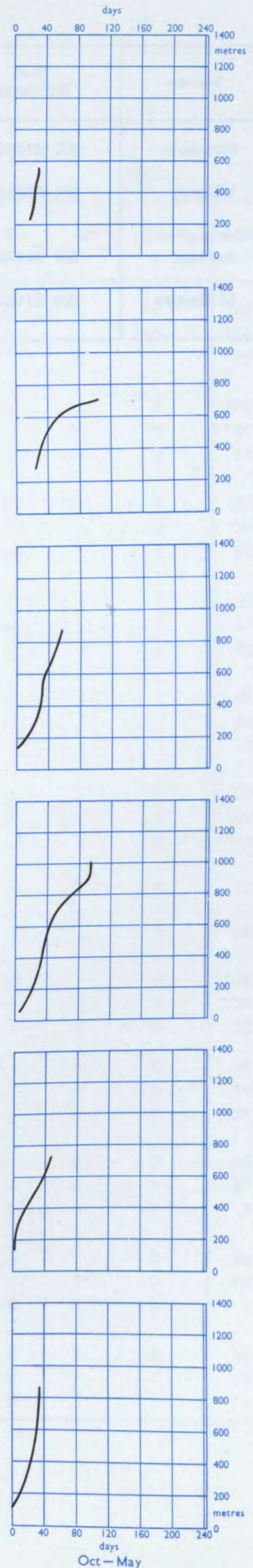
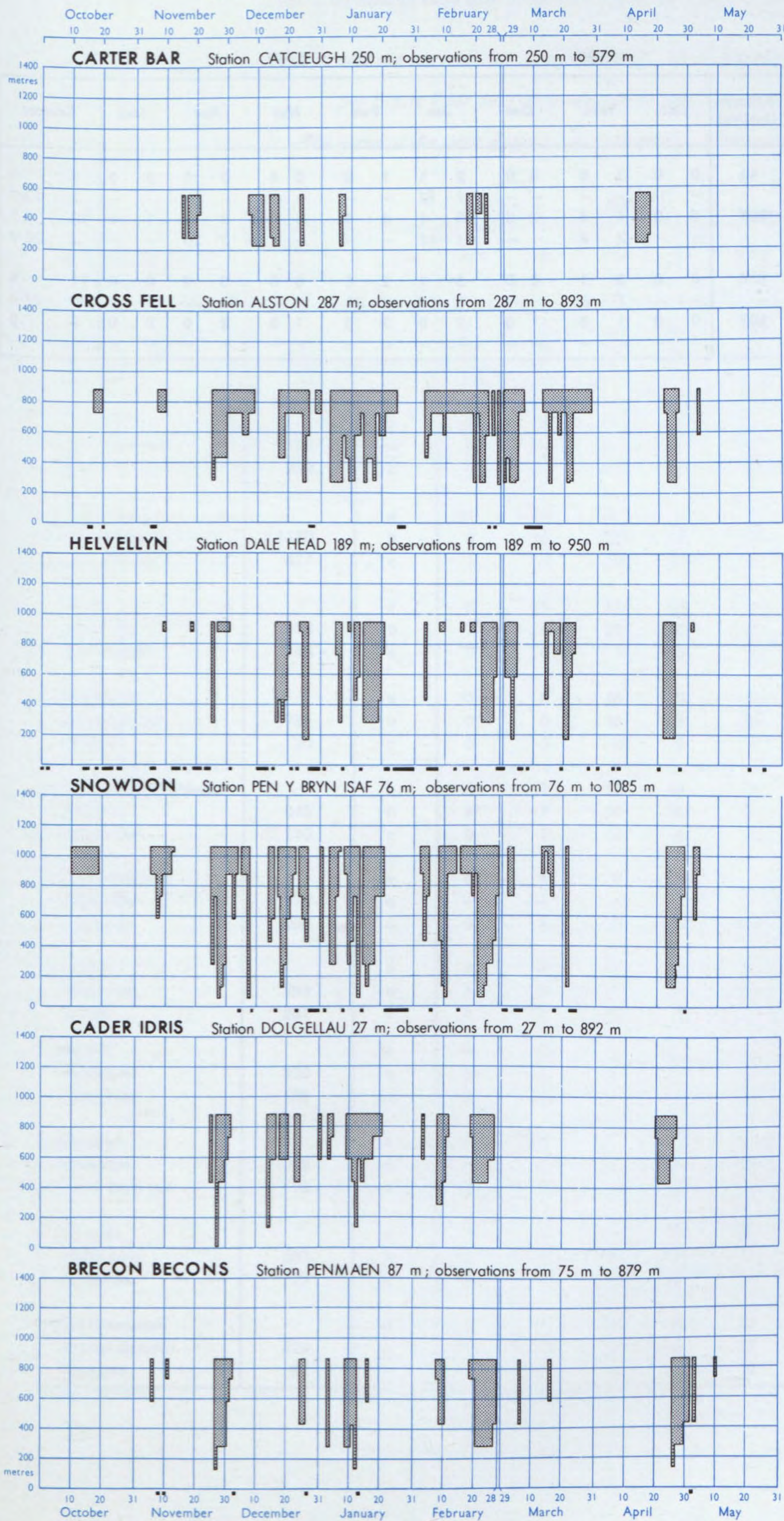


TABLE 3 (continued)

1980												1981											
Station	Grid Reference	Altitude (metres)	Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Season				
Plymouth	SX 514529	49	0	0	3	0	0	0	2	1	1	0	0	0	2	0	0	0	8	1			
			—	—	—	—	—	—	1	13	—	—	—	—	—	—	—	—	1	13/1			
Yalland	SX 690628	264	0	0	4	4	2	0	3	1	4	0	1	0	3	2	1	0	18	7			
			—	—	2	8	—	—	1	13	—	—	—	—	3	26	—	—	3	26/4			
Cornwall																							
Bastreet †	SX 244765	232	0	0	3	1	0	0	3	1	2	1	0	0	3	2	0	0	11	5			
			—	—	7	8	—	—	7	13	7	23	—	—	30	27	—	—	30	27/4			
St Mawgan	SW 871642	103	0	0	1	0	1	0	2	0	2	0	1	0	2	0	0	0	9	0			
			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			

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	1980					1981			Total
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
Highland		a	11	12	18	29	26	25	6	16	143
<i>Ben More Assynt</i>	998	b	6	12	15	21	26	24	6	16	126
Cassley	99	c	0	5	2	6	1	3	0	1	18
Highland		a	22	26	31	27	27	31	17	7	188
<i>Creag Meagaidh</i>	1128	b	8	14	24	27	25	22	5	5	130
Fersit	259	c	1	5	11	15	15	9	1	0	57
Grampian		a	24	22	31	31	26	29	19	8	190
<i>Ben Macdui</i>	1310	b	3	16	19	24	10	17	5	4	98
Derry Lodge	427	c	1	7	12	18	6	14	2	0	60
Central		a	5	15	22	20	16	17	2	2	99
<i>Ben Vane</i>	916	b	2	9	22	20	14	16	2	2	87
Loch Arklet	146	c	0	0	7	12	6	3	1	0	29
Strathclyde		a	0	0	16	15	15	15	4	1	66
<i>Beinn An Oir</i>	784	b	0	0	16	15	15	15	4	1	66
Rhuvaal	20	c	0	0	0	0	0	0	0	0	0
Dumfries and Galloway		a	0	7	10	16	13	12	4	0	62
<i>Merrick</i>	845	b	0	7	10	16	13	12	4	0	62
Bargrennan	110	c	0	1	2	4	4	0	2	0	13
Northumberland		a	0	4	9	4	1	9	5	0	32
<i>Carter Bar</i>	579	b	—	—	—	—	—	—	—	—	—
Catcleugh	250	c	0	4	6	2	2	6	5	0	25
Cumbria		a	3	8	21	22	25	23	5	1	108
<i>Cross Fell</i>	893	b	3	8	21	22	25	23	5	1	108
Alston	287	c	0	0	1	8	4	7	3	0	23
Cumbria		a	0	6	9	12	12	13	4	0	56
<i>Helvellyn</i>	950	b	0	6	7	11	7	11	4	0	46
Dale Head	189	c	0	1	2	5	6	3	4	0	21
Gwynedd		a	9	13	18	17	23	7	6	2	95
<i>Snowdon</i>	1085	b	0	7	11	15	13	4	6	1	57
Pen y Bryn Isaf	76	c	0	1	1	2	3	0	0	0	7
Gwynedd		a	0	4	10	15	13	0	7	0	49
<i>Cader Idris</i>	892	b	0	4	10	15	13	0	7	0	49
Dolgellau	27	c	0	1	0	0	0	0	0	0	1
West Glamorgan		a	0	5	5	6	12	2	1	4	35
<i>Brecon Beacons</i>	879	b	0	5	5	6	12	2	1	4	35
Penmaen	87	c	0	1	0	0	0	0	0	0	1