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**SNOW SURVEY
OF
GREAT BRITAIN
1981/82**

Met O 3 (Climatological Services)

December 1982

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The cover photograph, by courtesy of P.H. JEFFRIES, shows a snow scene
near YATELEY, SURREY on Saturday 9 January 1982.

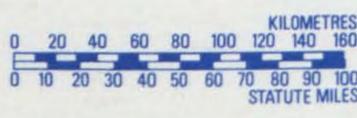
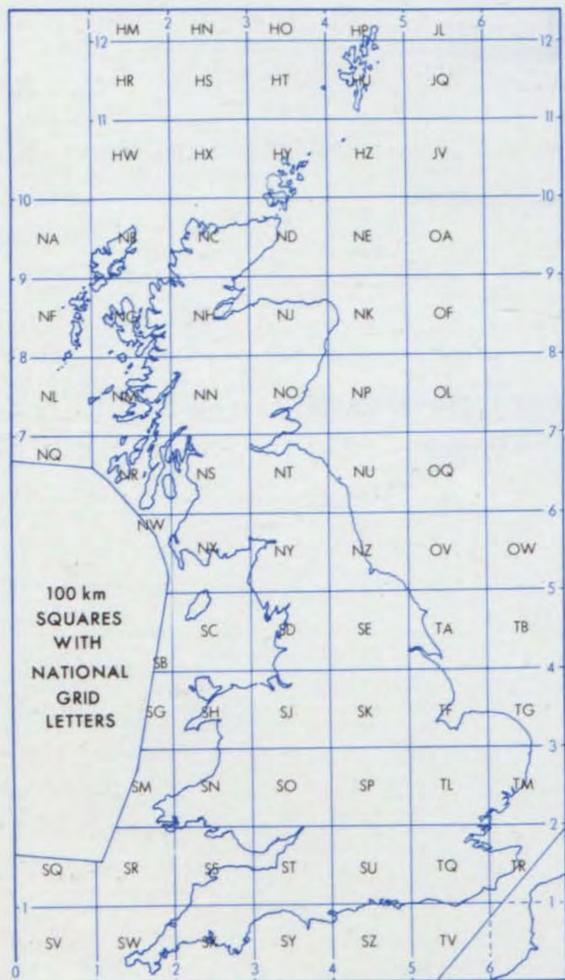
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FIGURE 1

POSITIONS OF SNOW SURVEY STATIONS 1981/82

DISTRICTS

- 0 SCOTLAND NORTH
- 1 SCOTLAND EAST
- 2 ENGLAND EAST AND NORTH EAST
- 3 EAST ANGLIA
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH EAST AND CENTRAL SOUTHERN
- 6 SCOTLAND WEST
- 7a ENGLAND NORTH WEST AND ISLE OF MAN
- 7b WALES NORTH
- 8a WALES SOUTH
- 8b ENGLAND SOUTH WEST



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 1981 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, 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 1981. The main report commences with a general description of the 1981/82 snow season in terms of the total number of days with snow falling and lying. Notes on each 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 1981/82. 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.

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.

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

3. Snow observations in the Scottish mountains during the summer of 1981

June 1981

Fresh falls of snow were reported in the Cairngorms on the 10th and 27th. Generally there were only patches of snow on the higher peaks and these patches had gone by the 21st.

No reports of snow were received from July to September.

4. Snow observations in Great Britain during the season 1981/82

4.1 Number of days with snow or sleet falling

Over much of Great Britain the number of days with snow or sleet falling was close to the 1941–70 average while the Western and Northern Isles, parts of north-east Scotland and East Anglia had above average days of snow or sleet falling.

In England and Wales the number of days was generally 25 to 35, though coastal regions of south-west England only had 10 to 20 days and there were up to 50 days over the Welsh mountains. In Scotland there was rather more variability with low-lying areas of the south-west, Fife and Lothian regions having 20 to 30 days and the Northern Isles and Caithness 70 or more. Elsewhere in Scotland the number of days was in the 40 to 55 range but 60 or more on the mountains.

4.2 Number of days with snow lying

The number of days of snow lying was above average in most areas. The greatest departures from normal occurred over England, south Wales, the Western Isles and eastern coastal areas of Scotland with up to twice the average number of days of snow lying, though there was great variability in the figures. Most low-lying areas of the country had between 20 and 40 days of lying snow with the majority of these occurring in December and January. Parts of the extreme south-west of England had little or no lying snow.

Snow lay on the higher peaks of the Scottish mountains for much of the period, up to 240 days, and for 100 to 125 days at altitudes down to 600 m. On remaining peaks in northern Scotland the snow lay for 130 to 160 days and for 90 to 100 days at 600 m. On the mountains of north Wales and the peaks of the northern Pennines and the Lake District there were 95 to 110 days of snow lying but only around 80 days in the Southern Uplands. At 600 m in these areas there were 50 to 70 days of lying snow.

4.3 Notes on the weather of individual months

October 1981

Temperatures were well below average in all areas.

Precipitation was above average in all areas with more than twice the normal in some places. The north-east had a sunny month with Durham having its sunniest October since records began in 1930.

The month's weather was influenced by depressions in the vicinity of the United Kingdom and this, coupled with the below average temperatures, led to a greater than average incidence of sleet or snow over Scotland.

Snow fell on the first two days of the month over the Scottish Highlands blocking the Perth to Braemar Road for a time. Wintry weather, mainly as showers, affected Scotland from the 12th to the 16th and snow lay down to 150 m for a day or so. The last week of the month also brought sleet and snow to much of Scotland, and wintry showers fell over high ground in Wales and south-west England on the 25th.

The incidence of sleet and snow falling was well above average in Scotland, but over England and Wales reports were confined to high ground. Reports of snow lying at low levels were restricted to the 2nd, 14th and 16th.

Snow lay on the summits of the Grampians and Cairngorms throughout the month and for much of the month in the Scottish Highlands. At levels down to 450 m in northern Scotland the snow lay for up to 10 days. Snow lay on the higher peaks of the Pennines and north Wales for 9 to 13 days and for up to 5 days at 450 m.

November 1981

Apart from the extreme north of Scotland mean temperatures were above average in all areas.

Much of Scotland and north-west England had above average precipitation with over twice the normal in some parts of Scotland. Elsewhere, precipitation was below average with parts of the south having less than half the normal.

There were some wintry showers in northern Scotland during the first few days of the month and from the 17th to the 20th wintry precipitation affected much of Scotland. The heaviest falls of snow, mainly in the form of showers, came during the last week of the month affecting all areas apart from south Wales and south-west England.

The number of days with sleet or snow falling and snow lying were close to normal in all areas. Lying snow was confined to the higher ground and the maximum depth reported during the month was 19 cm at Dalwhinnie (Grampian) on the 25th.

Snow lay throughout the month on the peaks of the Scottish mountains. Elsewhere there was little lying snow until the last week of the month when snow lay on most hills down to 300 m for at least one day, with only the high ground in south-west England escaping altogether.

December 1981

For much of Great Britain it was the coldest December this century and the coldest month since January 1963.

Precipitation was rather variable being generally below average in the north and west and above average in the south and east.

After a mild start to the month cold air spread southwards bringing wintry showers to the far north from the 4th and these showery conditions continued to affect northern Scotland for most of the month. During the 7th, 8th and 11th eastward-moving depressions brought periods of snow to much of southern Britain with up to 8 cm of lying snow over a wide area, while the showers in north-east Scotland gave around 12 cm of lying snow. During the 13th a complex depression brought blizzard conditions to many areas with heavy snow cover and drifting over all areas apart from the extreme north-east of Scotland and the lower lying areas of south-west England. Scattered wintry precipitation affected many areas from the 14th to the 19th but amounts were generally small. During the 20th and 21st further snow spread from the west to all parts though over the south-west and many coastal areas the precipitation was mainly as rain. Many central and northern areas had 20 cm or more of lying snow with drifting. There were further wintry showers, mainly in the north and east, during the 22nd to the 26th though accumulations were generally slight. During the last days of the month milder air spread from the Atlantic bringing a general thaw and with it flooding in some places.

The number of days with sleet or snow falling was about twice the normal, ranging from 5 days or less in south-west England to over 20 days in parts of Scotland. Although most southern and western coastal regions of Great Britain had less than 10 days with snow lying much of the country had more than 20 days. For south-east and eastern England this was twice the normal figure. One has to go back to 1950 to find a comparable snowy December.

Snow lay on the Scottish mountains all month. Over the country as a whole, apart from a few days at the beginning of the month, snow lay at all levels until the thaw at the end of the month cleared the snow from all but the higher peaks.

January 1982

Mean temperatures were generally below normal apart from the Western Isles and parts of south-east England where they were close to normal. Some extremely low temperatures were recorded during the month and the -27.2°C recorded at Braemar (Grampian) on the 10th equalled the British record, also at Braemar. The -26.1°C at Newport (Shropshire) also on the 10th was a new English low.

Much of Scotland had above average precipitation but over most of England it was below average.

Cold air spread slowly south across Scotland early in the month bringing sleet and snow to the Shetlands on the 2nd, to northern Scotland on the 3rd with some drifting, and to the border counties on the 4th with further drifting. Wintry showers spread southwards into the Shetlands on the 4th and to northern Scotland on the 5th. Wintry precipitation reached much of England and Wales during the 5th and 6th with wintry showers further north. On the 7th sleet and snow moved into south-west England and Wales spreading to most remaining areas of England and southern Scotland on the 8th, but with the snow missing some parts of eastern England. In south Wales snow depths of 1 metre or so were commonplace and there was severe drifting in the strong-to-gale force easterly winds with power lines being brought down. It was the worst snowstorm this century in south Wales. The area of snow moved away south-eastwards during the 9th and 10th and an anticyclone developed over the country giving a week of extremely cold weather. During the 21st to the 23rd a belt of rain with some snow crossed the country from the west and most parts had a little further wintry precipitation between the 26th and 28th before the weather turned milder on the 29th.

The number of days with sleet or snow falling was generally below average in all areas with values ranging from one day in the extreme south-west of Cornwall to 16 days in the Shetlands. The cold spell which followed the main fall of snow meant that most places had above average days with snow lying although in south Lincolnshire and north Norfolk there were 3 days or less. Apart from some coastal locations, remaining low-lying areas of Great Britain had 10 to 15 days with snow lying.

Snow lay throughout the month on the Scottish mountains, and even at 150 m snow lay for 15 to 20 days in northern Scotland. On the higher peaks in southern Scotland, north Wales and northern England, snow lay for around 25 days.

February 1982

February was a mild month with above average temperatures in all parts and consequently below average snowfall.

Western Scotland and south-western parts of England and Wales had above average precipitation. All other areas had below average precipitation with parts of north-east England only having around one fifth of normal.

Wintry precipitation, mainly as showers, occurred over Scotland from the 6th to the 14th, though never very widespread, and accumulations were small. A belt of wintry precipitation crossed the country between the 16th and the 18th giving 6 cm of lying snow at Chagford (Devon) on the 18th. There was a little further wintry precipitation over south Britain on the 21st and 22nd and over northern Britain on the 25th and 26th.

Days with sleet or snow falling were below average in all areas with most low-lying areas having 3 days or less. Apart from high ground much of the country had no snow lying during the month.

Snow lay all month on Scottish mountains, and in northern Scotland snow lay for up to 20 days at altitudes down to 600 m. Over the rest of Scotland, England and Wales snow lay on peaks for about 10 days, but at altitudes below 300 m there were few reports of snow lying for more than a day or so.

March 1982

Mean temperatures were close to or a little above average in all areas.

Precipitation was above average everywhere with up to twice the normal in a few locations.

The month's weather was dominated by a series of depressions moving north-eastwards close to the British Isles giving unsettled windy conditions. From the 1st to the 4th wintry showers affected parts of northern Scotland with a gust of 95 knots being recorded at St. Abbs Head (Borders) on the 3rd. There were further wintry showers, mainly over Scotland, during the 8th to the 10th with a little sleet in parts of eastern England. During the 11th and 12th most areas had some snow, and showers in Scotland led to moderate accumulations with Ardross (Highlands) having 18 cm of snow lying on the 12th. Further wintry showers, mainly over northern Scotland and high ground over southern and northern England, fell somewhere on all days from the 13th to the 22nd. This was followed by a spell of milder weather until the 29th when most areas had some wintry showers.

The number of days with sleet or snow falling was near to average in all areas ranging from 1 or 2 in the south to 10 in the north. Days with snow lying were a little below average in all areas apart from northern and western Scotland where they were close to normal. Low-lying areas of England, Wales and coastal regions of Scotland generally had no lying snow at all.

Snow lay throughout the month on the Scottish Highlands and in northern Scotland snow lay for 20 days or more at altitudes down to 450 m. The higher peaks of the southern Uplands, northern Pennines and Wales had snow lying for much of the month, but below 600 m the number of days fell to around 5 or less.

April 1982

It was a relatively quiet month weatherwise with high pressure close to or over the country for all but the first week. As a result precipitation was well below average in all areas with much of the country having less than half the normal.

Mean temperatures were above average over Scotland but close to average over England and Wales except for East Anglia where they were a little below normal.

The only snow of note occurred between the 7th and 12th as wintry showers mainly over northern and eastern Scotland but also affecting eastern coastal areas on the 11th and 12th. There was also a little sleet or snow in a few places on the 1st and again on the 29th and 30th.

There were 8 to 10 days with sleet or snow falling in the Northern Isles; this is a little above average. Elsewhere the figures were close to or below average. Except over high ground there was generally no lying snow. The greatest depth recorded was 4 cm at Kindrogan (Tayside) on the 8th.

Snow lay all month on the highest peaks in Scotland and for around 10 days at altitudes down to 600 m in northern Scotland. Snow lay on other peaks for 10 days or less with little or no snow lying at low levels.

May 1982

Mean temperatures were close to normal in all areas.

Precipitation was above average over the extreme north and west of Scotland and parts of East Anglia. Elsewhere it was below average with central areas of England and south Wales having around half or less of the normal.

Falls of sleet or snow were confined to the first 6 days of the month with most of the falls being over Scottish hills. Reports of snow lying on low ground were confined to Scotland, but only for 1 or 2 days.

Snow lay on the highest peaks of the Scottish mountains all month. At 600 m snow lay for between 7 to 13 days over Scottish hills, but only for 1 to 4 days on the northern Pennines and the Welsh mountains. The greatest reported depth was 8 cm at Glenshero Lodge (Highland) on the 3rd.

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

<i>Number of days with snow or sleet falling</i>											<i>Number of days with snow lying</i>									
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
—	57	—	52	27	43	11	24	18	33	1981/82	—	62	—	40	40	38	23	18	10	45

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 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	<i>In October 1981 days with snow lying at these stations were confined to the 14th Wick 1 cm,</i>																				1
2	<i>Knockanrock 2 cm and Whitehillocks Trace.</i>																				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		1																			16
17																					17
18		2																			18
19		4																			19
20		5																			20
21																					21
22																					22
23									1												23
24		1		1					2												24
25	1	6		2					2		4										25
26		3		1																	26
27																					27
28						1	2														28
29							1														29
30		2		2																	30

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December 1981

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1		1		6																	1
2				5																	2
3																					3
4																					4
5																					5
6				1																	6
7	3	3		1			T		6												7
8	7	9		1					10			7				4	T				8
9	7	18		1				*	3		2	7		2	4	T				1	9
10	14	18		1				1	*		12	7		1	T	4	T		2	7	10
11	14	19		1					*		12	15	1		10	14	13			3	11
12	13	22	5	1					*		12	18	1	3		17	13			2	12
13	19	23	3	1			1	*	6		10	16	1	3		17	13			2	13
14	5	27	2	15	11	9	9	13	11	15	17	25	10	3		28	18				14
15		32	2	15	11	10	8	4	*	1	17	18	11			13	15				15
16		32	2	15	10	9	7		*		17	17	10			13	13				16
17		37	2	15	10	9	6		*		17	16	9			13	10		T	2	17
18	1	40	2	15	10	8	6		*		17	15	9			13	10			2	18
19	1	40	1	15	9	8	6	*	*		16	15	12			13	10			1	19
20		21		45	6	18	7	*	7	5	36	18	11			19	10				20
21		8		45	6	24	9	3	5		45	16	16	7		18	10				21
22		8		43	5	24	9		*		45	16	12	3		18	16				22
23		8		40	5	24	9	*	*		44	15	11	3		18	16				23
24		8		43	5	22	17		*		44	15	11	6		18	16			T	24
25	1	8		43	4	23	15		*		43	15	11	6		18	16			T	25
26	T	8		43	3	23	15		*		42	15	11	5		18	16				26
27		8		40	2	23	15	*	2		40	20	10	5		15	16				27
28		8		45		25	14				41	17	8	3		18	10				28
29	1	*		50		24	9				38	13	1			23	5				29
30		*		45		17	6				32	11				19					30
31		6		40		13	5				35					13					31

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

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 + indicates no information available

January 1982

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		6		30		11	3				24					13					1	
2		5		30		10	1				24					13					2	
3		4		26		4															3	
4		10		35																	4	
5	1	24		50	1	7	2		T												5	
6	3	24		55	2	20	11				T										6	
7	7	24		55	2	20	10		1	1	T		T			12					7	
8	8	24		55	2	20	13		5		4	11	T	7	13	15	28	7	9	*	8	
9	8	24		63	6	20	18		T		7	36	T	7	20	23	66	28	4	*	9	
10	8	24		63	6	20	19		T		7	32		9	*	23	69	30	6	7	10	
11	6	26		63	6	20	18		T		6	29		7	*	23	69	25	5	7	11	
12	7	26		63	6	20	14		T		6	27		6	*	23	61	18	4	7	12	
13	6	22		63	6	19	13		T		5	25		5	*	23	56	16	4	7	13	
14		8		63	6	18	13		T		5	24		5	*	23	56	14	3	7	14	
15				60	4	18	11		T		5	23		5	*	23	56	13	1	6	15	
16				55	4	11	3				4	15		4	*	23	43	5		5	16	
17				40	2	6					+	10		3	*	13	34	1			17	
18				20										2		10	32				18	
19				15												8	20				19	
20				10													10				20	
21																						21
22																						22
23																						23
24																						24
25																						25
26																						26
27	T	1		T																		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 1982

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		5																				8
9																						9
10																						10
11		1																				11
12		1																				12
13									1													13
14		1																				14
15		2																				15
16		1																				16
17									1													17
18											T	2				1	2				13	18
19																						19
20																						20
21																						21
22						1										3						22
23																3						23
24																						24
25																						25
26																						26
27																						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 1982

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

In April 1982 days with snow lying at these stations were confined to the 8th Knockanrock 3 cm and Whitehillocks 1 cm.

In May 1982 days with snow lying at these stations were as follows
 2nd Wick 1 cm, Knockanrock 3 cm and Whitehillocks 1 cm
 3rd Knockanrock 2 cm.

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)	1981					1982					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
DISTRICT 0—SCOTLAND N													
<i>Shetland</i>													
Mossy Hill	HU 396203	229	2 0	6 0	27 24	11 10	0 0	2 0	10 6	4 0	62 40		
			— —	— —	9 15	10 7	— —	— —	7 5	— —	10 7/1		
Ollaberry	HU 333836	226	8 0	12 4	26 26	16 13	5 0	5 4	10 7	4 4	86 58		
			— —	5 19	20 14	15 9	— —	5 12	5 9	5 1	20 14/12		
<i>Orkney</i>													
Kirkwall #	HY 483076	26	8 0	8 1	19 13	11 9	4 0	8 0	8 0	4 0	70 23		
			— —	1 25	15 13	18 8	— —	— —	— —	— —	18 8/1		
<i>Western Islands</i>													
Benbecula #	NF 782555	6	8 0	5 0	12 5	7 7	3 0	7 0	3 0	5 0	50 12		
			— —	— —	2 8	1 6	— —	— —	— —	— —	2 8/12		
Stornoway #	NB 459332	3	4 0	8 0	11 8	10 8	5 0	10 2	1 0	5 0	54 18		
			— —	— —	5 12	13 8	— —	3 11	— —	— —	13 8/1		
<i>Highland</i>													
Achnagoichan	NH 913082	305	* *	* *	15 15	* *	5 0	14 4	5 0	4 2	* *		
			* *	* *	13 15	* *	— —	15 12	— —	3 1	* *		
Ardross	NH 629739	171	4 1	7 6	15 26	4 20	2 2	7 2	2 0	3 1	44 58		
			2 14	13 25	7 18	38 5	3 8	18 12	— —	4 2	38 5/1		
Cape Wrath #	NC 259747	112	0 0	2 1	16 11	6 5	1 0	10 3	2 0	2 1	39 21		
			— —	* *	15 12	7 7	— —	3 9	— —	1 2	15 12/12		
Cassley	NC 396232	99	6 0	* 2	23 26	5 0	2 0	5 3	1 1	2 0	* 32		
			— —	8 28	15 12	— —	— —	4 10	7 8	— —	15 12/12		
Diabaig #	NG 794603	60	0 0	4 0	8 13	4 1	3 1	11 2	1 0	3 0	34 17		
			— —	— —	16 18	7 11	1 7	2 12	— —	— —	16 18/12		
Dalwhinnie #	NN 634841	362	8 1	11 7	13 26	7 14	10 3	16 10	2 0	5 5	72 66		
			1 2	19 25	7 20	20 8	2 8	17 14	— —	3 3	20 8/1		
Fersit	NN 351782	259	1 0	5 4	7 21	18 12	3 3	8 11	1 0	1 0	44 51		
			— —	5 24	10 12	15 3	1 8	10 12	— —	— —	15 3/1		
Fort Augustus #	NH 381091	21	0 0	5 1	5 9	4 9	2 0	4 2	0 0	1 0	21 21		
			— —	7 25	8 12	3 5	— —	3 9	— —	— —	8 12/12		
Fort William (Br. Al.)	NN 130751	27	0 0	0 0	2 7	2 9	1 1	5 5	0 0	0 0	10 22		
			— —	— —	10 12	4 6	1 8	4 11	— —	— —	10 12/12		

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1981					1982					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
Glenshero Lodge	NN 562929	268	4 3 1 29	7 8 15 24	15 26 23 14	5 18 46 5	5 4 1 14	14 13 15 12	6 3 1 8	5 5 8 3	61 80 46 5/1		
Grantown-on-Spey#	NJ 039285	229	3 1 2 14	7 4 12 25	21 28 12 18	8 16 41 6	2 0 — —	10 5 14 12	0 0 — —	0 0 — —	51 54 41 6/1		
Inverpolly	NC 074134	14	1 0 — —	3 0 — —	15 18 14 9	7 2 1 4	4 1 1 8	9 3 1 9	3 0 — —	2 0 — —	44 24 14 9/12		
Knockanrock	NC 187088	244	5 1 2 14	12 8 6 25	* 26 40 18	6 15 26 11	4 6 5 8	13 8 12 12	4 1 3 8	5 2 3 2	* 67 40 18/12		
Lairg#	NC 578055	107	4 1 T 14	8 4 * *	16 25 12 18	7 12 9 5	4 1 2 8	9 2 7 12	4 0 — —	3 0 — —	55 45 * *		
Muir of Ord	NH 527500	46	1 0 — —	4 3 5 26	5 12 3 18	3 15 18 5	1 2 2 7	4 5 9 11	0 0 — —	2 1 T 1	20 38 18 5/1		
Prabost	NG 418501	67	4 1 T 14	4 1 T 24	14 17 17 18	5 10 20 5	2 1 T 8	8 4 14 12	1 1 1 8	5 1 2 1	43 36 20 5/1		
Ratagan	NG 919197	4	0 0 — —	1 0 — —	3 9 10 9	1 10 1 4	0 0 — —	* 3 5 12	0 0 — —	0 0 — —	* 22 10 9/12		
Wick#	ND 364522	36	7 1 1 14	14 1 1 25	20 13 19 13	11 10 8 8	2 0 — —	12 3 6 13	7 0 — —	5 1 1 2	78 29 19 13/12		
DISTRICT 1—SCOTLAND E													
<i>Grampian</i>													
Balmoral#	NO 260946	283	1 0 — —	6 0 — —	18 26 * *	7 28 — —	5 1 T 18	10 7 * *	6 0 — —	4 0 — —	57 62 * *		
Crathes	NO 758969	60	0 0 — —	5 2 2 26	18 21 6 9	9 16 19 6	2 0 — —	7 1 3 12	6 1 1 8	5 0 — —	52 41 19 6/1		
Derry Lodge	NO 036932	427	14 1 T 14	12 7 10 24	18 24 47 30	7 21 71 9	12 1 1 18	18 8 10 13	6 0 — —	6 4 4 4	93 66 71 9/1		
Drummuir	NJ 372441	189	* * * *	5 3 8 30	20 26 15 14	8 20 13 5	2 0 — —	12 4 15 13	7 1 1 7	7 0 — —	* * * *		
Dyce#	NJ 883125	58	2 0 — —	6 0 — —	23 13 14 9	8 15 18 9	2 0 — —	6 1 T 12	6 0 — —	3 0 — —	56 29 18 9/1		
Glenlatterach	NJ 200546	151	0 0 — —	4 2 1 24	12 17 18 11	6 15 20 3	0 0 — —	3 2 8 12	4 0 — —	4 0 — —	33 36 20 3/1		
Glenlivet#	NJ 188303	215	4 0 — —	5 2 4 25	17 25 16 12	9 18 33 5	2 0 — —	11 2 8 12	4 1 * *	6 0 — —	58 48 33 5/1		
Inverurie (Townhead)	NJ 762221	82	1 0 — —	6 3 4 30	21 23 12 25	7 17 23 5	2 0 — —	2 2 9 12	5 1 1 8	5 0 — —	49 46 23 5/1		
Rochomie	NJ 441633	94	0 0 — —	3 2 1 30	5 19 13 10	3 3 15 4	0 0 — —	2 1 13 12	1 0 — —	0 0 — —	14 25 15 4/1		
<i>Tayside</i>													
Ardtalnaig	NN 702394	130	0 0 — —	6 0 — —	14 19 15 14	4 17 15 5	0 0 — —	8 5 * *	0 0 — —	2 0 — —	34 41 * *		
Drummond Castle	NN 841177	113	0 0 — —	5 3 3 24	6 19 25 28	5 22 30 5	0 0 — —	5 4 12 12	0 0 — —	1 0 — —	22 48 30 5/1		
Kindrogan#	NO 054629	259	2 0 — —	13 5 7 26	11 27 51 28	6 28 38 9	6 2 1 26	13 9 16 12	5 1 4 8	4 1 T 2	60 73 51 28/12		
Tannadice	NO 474582	61	0 0 — —	5 3 4 30	12 19 4 20	4 16 17 9	1 0 — —	6 2 2 12	3 0 — —	* * * *	* * * *		
Whitehillocks	NO 448800	258	2 1 T 14	7 4 2 25	20 28 50 29	8 21 63 9	2 0 — —	8 5 15 12	3 1 1 8	1 1 1 2	51 61 63 9/1		
<i>Fife</i>													
Leuchars#	NO 468208	10	0 0 — —	5 0 — —	10 3 4 24	3 13 7 9	1 0 — —	5 0 — —	2 0 — —	2 0 — —	28 16 7 9/1		
Loch Leven	NT 158988	122	0 0 — —	1 0 — —	11 19 14 14	3 15 15 6	0 0 — —	7 1 1 16	0 0 — —	* * * *	* * * *		

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1981					1982					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
DISTRICT 2—ENGLAND E & NE													
<i>Northumberland</i>													
Catcleugh	NT 749032	250	0 0	2 0	8 18	5 24	0 0	5 0	0 0	1 0	21 42		
			— —	— —	46 21	38 6	— —	— —	— —	— —	46 21/12		
Stonehaugh#	NY 792760	201	0 0	0 0	10 18	4 17	0 0	5 2	0 0	2 0	21 37		
			— —	— —	19 21	20 9	— —	10 11	— —	— —	20 9/1		
<i>Tyne & Wear</i>													
Killingworth	NZ 282710	76	0 0	2 0	14 20	5 13	0 0	1 0	2 0	0 0	24 33		
			— —	— —	14 14	13 9	— —	— —	— —	— —	14 14/12		
Gosforth	NZ 240680	52	2 0	1 0	12 22	7 12	1 0	1 0	2 0	1 0	27 34		
			— —	— —	12 14	16 9	— —	— —	— —	— —	16 9/1		
<i>Durham</i>													
Burnhope	NZ 282710	66	0 0	3 0	* *	5 15	0 0	1 2	0 0	0 0	* *		
			— —	— —	* *	24 6	— —	2 12	— —	— —	* *		
<i>North Yorkshire</i>													
Chelker	SE 051517	223	0 0	4 0	13 23	3 13	2 0	8 5	1 1	1 1	32 43		
			— —	— —	61 21	25 1	— —	1 10	7 8	7 3	61 21/12		
High Mowthorpe	SE 888685	175	0 0	1 0	15 25	6 14	3 0	3 0	2 0	0 0	30 39		
			— —	— —	45 21	9 1	— —	— —	— —	— —	45 21/12		
Malham Tarn#	SD 893672	395	3 0	5 3	16 22	7 15	4 0	11 3	3 0	0 0	49 43		
			— —	* *	33 21	16 1	— —	6 11	— —	— —	* *		
Moorland Cottage (Sedbergh)	SD 807923	343	0 0	4 2	6 19	2 13	3 0	4 2	5 0	**	* *		
			— —	5 23	D 19	8 14	— —	5 10	— —	**	* *		
Osmotherley	SE 458967	147	0 0	0 0	8 21	3 11	0 0	0 0	0 0	0 0	11 32		
			— —	— —	25 14	5 8	— —	— —	— —	— —	25 14/12		
Riccall	SE 608373	5	0 0	0 0	4 3	3 1	0 0	* *	0 0	**	* *		
			— —	— —	15 13	1 7	— —	* *	— —	**	* *		
<i>Humberside</i>													
Sledmere	SE 933648	121	2 0	5 1	13 10	6 4	3 1	7 1	5 0	2 0	43 17		
			— —	3 29	18 20	4 5	1 26	1 12	— —	— —	18 20/12		
<i>Lincolnshire</i>													
Cranwell#	TF 004493	62	0 0	2 0	13 22	6 1	1 0	5 0	1 0	0 0	28 23		
			— —	— —	20 23	3 1	— —	— —	— —	— —	20 23/12		
Southrey	TF 140664	6	0 0	0 0	9 9	* *	0 0	0 0	0 0	0 0	* *		
			— —	— —	13 13	* *	— —	— —	— —	— —	* *		
DISTRICT 3—EAST ANGLIA													
<i>Norfolk</i>													
Coltishall#	TG 262299	17	0 0	0 0	15 20	5 0	4 0	1 0	1 0	0 0	26 20		
			— —	— —	20 14	— —	— —	— —	— —	— —	20 14/12		
Costessey	TG 176121	6	0 0	0 0	15 21	8 10	3 0	2 0	3 0	1 0	32 31		
			— —	— —	18 14	3 7	— —	— —	— —	— —	18 14/12		
Marham	TF 726094	23	0 0	0 0	15 19	8 3	3 0	2 0	2 0	0 0	30 22		
			— —	— —	16 21	7 7	— —	— —	— —	— —	16 21/12		
<i>Cambridgeshire</i>													
Cambridge	TL 434604	24	0 0	0 0	6 21	2 8	2 0	1 0	0 0	0 0	11 29		
			— —	— —	13 12	9 9	— —	— —	— —	— —	13 12/12		
Etton	TF 142048	11	0 0	0 0	12 16	2 10	1 0	1 0	0 0	0 0	16 26		
			— —	— —	10 22	3 7	— —	— —	— —	— —	10 22/12		

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1981					1982					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
<i>Suffolk</i>													
Melton	TM 281506	9	0 0	0 0	9 21	2 8	0 0	1 0	0 0	**	**	* *	
			- -	- -	7 15	3 9	- -	- -	- -	**	**	* *	
Wingfield	TM 235782	49	0 0	0 0	13 6	4 2	0 0	1 0	2 0	1 0		21 8	
			- -	- -	10 14	1 8	- -	- -	- -	- -	- -	10 14/12	
Wattisham	TM 026514	89	0 0	1 0	14 21	7 6	3 0	2 0	1 0	0 0		28 27	
			- -	- -	17 22	3 10	- -	- -	- -	- -	- -	17 22/12	
<i>Bedfordshire</i>													
Bedford#	TL 049597	85	0 0	0 0	16 17	3 9	3 0	3 0	0 0	0 0		25 26	
			- -	- -	16 14	11 9	- -	- -	- -	- -	- -	16 14/12	
Woburn#	SP 964360	89	0 0	1 0	6 12	2 11	2 0	0 0	0 0	0 0		11 23	
			- -	- -	12 11	15 9	- -	- -	- -	- -	- -	15 9/1	
<i>Hertfordshire</i>													
Rothamsted#	TL 132134	128	0 0	2 0	9 16	3 11	4 0	2 0	1 0	0 0		21 27	
			- -	- -	20 12	29 10	- -	- -	- -	- -	- -	29 10/1	
<i>Essex</i>													
Langham	TM 018339	12	0 0	0 0	10 *	5 2	0 0	0 0	0 0	0 0		15 *	
			- -	- -	* *	5 8	- -	- -	- -	- -	- -	* *	
Layer-de-la-Haye	TL 965196	44	0 0	1 0	9 6	5 2	1 0	0 0	0 0	0 0		16 8	
			- -	- -	10 10	6 8	- -	- -	- -	- -	- -	10 10/12	
Rayleigh	TQ 805910	73	0 0	0 0	9 22	2 11	0 0	0 0	0 0	0 0		11 33	
			- -	- -	15 12	13 10	- -	- -	- -	- -	- -	15 12/12	
DISTRICT 4—MIDLAND COUNTIES													
<i>West Yorkshire</i>													
Huddersfield	SE 113177	232	0 0	2 1	11 21	3 15	1 1	6 2	1 0	3 0		27 40	
Oakes#			- -	7 24	44 15	18 1	7 18	2 11	- -	- -	- -	44 15/12	
Thornton Moor	SE 051334	363	0 0	1 1	6 23	2 5	1 1	6 3	0 0	0 0		16 33	
			- -	1 24	D 14	D 1	7 18	3 11	- -	- -	- -	D 14/12	
<i>South Yorkshire</i>													
Doncaster	SE 576040	9	0 0	0 0	6 0	2 2	0 0	0 0	1 0	0 0		9 2	
			- -	- -	- -	7 7	- -	- -	- -	- -	- -	7 7/1	
Hallbroom	SK 267891	320	0 0	2 2	12 23	2 13	4 0	3 2	0 0	**	**	* *	
			- -	1 24	D 20	23 1	- -	3 13	- -	**	**	* *	
Redmires	SK 262857	338	1 0	2 2	14 23	4 15	2 1	10 2	2 0	3 0		38 43	
			- -	4 25	51 21	25 1	1 18	5 11	- -	- -	- -	51 21/12	
<i>Derby</i>													
Buxton#	SK 060725	307	1 0	6 1	12 23	5 13	3 1	13 0	1 0	2 0		43 38	
			- -	4 25	45 21	24 1	7 18	- -	- -	- -	- -	45 21/12	
Littleover	SK 334339	71	2 0	3 0	9 21	4 8	0 0	7 0	0 0	1 0		26 29	
			- -	- -	14 28	9 9	- -	- -	- -	- -	- -	14 28/12	
<i>West Midlands</i>													
Elmdon#	SP 167841	98	0 0	2 0	15 23	6 9	4 0	8 0	0 0	1 0		36 32	
			- -	- -	28 14	30 9	- -	- -	- -	- -	- -	30 9/1	
<i>Staffordshire</i>													
Hednesford	SK 123017	235	0 0	1 0	6 6	2 2	1 1	0 0	0 0	0 0		10 9	
			- -	- -	D 14	15 9	1 18	- -	- -	- -	- -	D 14/12	
<i>Leicestershire</i>													
Market	SP 732879	96	0 0	1 0	7 24	2 11	2 0	3 0	0 0	0 0		15 35	
Harborough			- -	- -	23 14	25 9	- -	- -	- -	- -	- -	25 9/1	

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1981					1982					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
Stanford	SP 596804	112	0 0 — —	2 0 — —	7 24 11 27	3 11 8 9	2 1 1 18	4 0 — —	0 0 — —	1 0 — —	19 36 11 27/12		
<i>Salop</i> Shawbury #	SJ 553220	72	0 0 — —	1 0 — —	13 21 16 14	6 10 28 9	2 0 — —	4 0 — —	0 0 — —	0 0 — —	26 31 28 9/1		
<i>Warwickshire</i> Shipston-on-Stour#	SP 213407	111	0 0 — —	0 0 — —	9 13 13 14	2 10 23 10	2 0 — —	2 0 — —	0 0 — —	0 0 — —	15 23 23 10/1		
<i>Hereford & Worcester</i> Longtown	SO 322291	172	0 0 — —	0 0 — —	7 24 23 29	2 16 67 10	2 1 7 18	8 0 — —	0 0 — —	2 0 — —	21 41 67 10/1		
Martley	SO 743598	53	0 0 — —	0 0 — —	11 23 25 14	3 10 36 9	2 1 2 18	3 0 — —	0 0 — —	0 0 — —	19 34 36 9/1		
<i>Oxfordshire</i> Brize Norton#	SP 292067	81	0 0 — —	0 0 — —	9 10 15 12	4 11 30 11	2 0 — —	4 0 — —	0 0 — —	0 0 — —	19 21 30 11/1		
Shirburn#	SU 695971	108	0 0 — —	1 0 — —	8 18 16 12	2 9 18 10	1 0 — —	5 0 — —	0 0 — —	0 0 — —	17 27 18 10/1		
<i>Buckinghamshire</i> Little Chalfont	SU 988968	130	0 0 — —	1 0 — —	7 22 18 12	3 11 19 10	4 0 — —	5 0 — —	0 0 — —	1 0 — —	21 33 19 10/1		
DISTRICT 5—ENGLAND SE & CENTRAL SOUTHERN													
<i>Greater London</i> Eastcote	TQ 110881	53	0 0 — —	1 0 — —	7 13 15 11	2 11 15 10	0 0 — —	0 0 — —	0 0 — —	1 0 — —	11 24 15 11/12		
Teddington	TQ 169703	9	0 0 — —	1 0 — —	8 13 10 12	2 10 15 9	1 0 — —	0 0 — —	0 0 — —	0 0 — —	12 23 15 9/1		
<i>Wiltshire</i> Boscombe Down#	SU 172403	126	0 0 — —	1 0 — —	11 9 12 22	4 9 14 9	2 0 — —	5 0 — —	1 0 — —	0 0 — —	24 18 14 9/1		
Lyneham#	SU 006782	145	0 0 — —	0 0 — —	8 13 12 12	4 8 26 9	2 0 — —	4 0 — —	1 0 — —	1 0 — —	20 21 26 9/1		
Upavon#	SU 162552	179	0 0 — —	1 0 — —	11 12 18 22	4 8 14 10	1 0 — —	6 0 — —	0 0 — —	0 0 — —	23 20 18 22/12		
<i>Surrey</i> Camberley	SU 867600	66	0 0 — —	1 0 — —	9 12 13 12	2 10 15 10	0 0 — —	0 0 — —	0 0 — —	0 0 — —	12 22 15 10/1		
<i>Kent</i> Biddenden	TQ 850362	52	0 0 — —	0 0 — —	4 12 6 21	2 7 5 9	0 0 — —	0 0 — —	0 0 — —	0 0 — —	6 19 6 21/12		
East Malling#	TQ 708571	32	0 0 — —	0 0 — —	11 15 10 14	3 11 10 10	1 0 — —	2 0 — —	0 0 — —	0 0 — —	17 26 10 14/12		
Manston#	TR 335666	44	0 0 — —	0 0 — —	10 4 8 21	7 4 1 7	0 0 — —	1 0 — —	0 0 — —	1 0 — —	19 8 8 21/12		
Penshurst Place	TQ 528440	40	0 0 — —	0 0 — —	9 13 7 21	2 11 9 10	1 0 — —	0 0 — —	0 0 — —	0 0 — —	12 24 9 10/1		
Wye#	TR 057469	56	0 0 — —	0 0 — —	8 10 6 21	2 4 2 8	0 0 — —	0 0 — —	0 0 — —	0 0 — —	10 14 6 21/12		

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1981		1982		1982					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
<i>Lothian</i>												
Cramond	NT 180758	26	0 0	2 0	8 14	3 13	0 0	6 2	1 0	3 0	23 29	
			— —	— —	11 14	6 9	— —	1 11	— —	— —	11 14/2	
Hopes	NT 551622	247	1 0	3 0	* *	4 12	4 0	8 1	0 0	* *	* *	
			— —	— —	* *	14 8	— —	1 11	— —	* *	* *	
Hungry Snout	NT 665633	218	1 0	0 0	* *	4 16	0 0	2 0	0 0	* *	* *	
			— —	— —	* *	20 9	— —	— —	— —	* *	* *	
<i>Borders</i>												
Baddingsgill	NT 126554	335	2 0	5 4	12 12	9 8	3 3	9 9	2 1	4 4	46 41	
			— —	2 28	18 14	28 5	1 8	5 11	7 9	7 1	28 5/1	
Broughton	NT 123296	226	2 0	6 0	13 23	6 12	5 1	11 3	3 0	5 0	51 39	
			— —	— —	25 28	9 9	2 8	6 11	— —	— —	25 28/12	
Newcastleton	NY 479870	105	0 0	3 0	7 2	5 1	1 0	5 2	1 0	2 0	24 5	
			— —	— —	10 13	5 5	— —	8 11	— —	— —	10 13/12	
Portmore	NT 260507	305	0 0	4 2	8 26	5 29	1 2	9 2	1 0	6 0	34 61	
			— —	3 28	18 25	15 5	3 7	3 12	— —	— —	18 25/12	
Sourhope	NT 843203	221	0 0	1 0	6 21	5 19	1 0	3 3	0 0	0 0	16 43	
			— —	— —	12 21	25 5	— —	2 11	— —	— —	25 5/1	
DISTRICT 6—SCOTLAND W												
<i>Strathclyde</i>												
Inverawe	NN 021316	23	5 0	10 0	9 8	3 0	8 0	14 2	5 0	5 0	59 10	
			— —	— —	5 12	— —	— —	3 12	— —	— —	5 12/12	
Lanark	NS 875434	152	1 0	2 0	12 19	5 14	3 0	7 0	2 0	6 0	38 33	
			— —	— —	8 13	7 5	— —	— —	— —	— —	8 13/12	
Machrihanish#	NG 663226	10	0 0	2 0	5 6	3 0	1 0	7 1	0 0	3 0	21 7	
			— —	— —	1 9	— —	— —	7 11	— —	— —	1 9/12	
South Moorhouse	NS 529508	249	0 0	2 2	8 8	2 2	1 0	2 2	0 0	1 1	16 15	
			— —	7 23	10 13	D 4	— —	4 11	— —	3 5	D 4/1	
Tiree#	NL 999446	9	0 0	2 0	9 6	3 5	2 0	8 0	0 0	3 0	27 11	
			— —	— —	4 11	1 5	— —	— —	— —	— —	4 11/12	
<i>Central</i>												
Brig o'Turk	NN 537063	84	0 0	1 1	7 7	4 4	0 0	6 6	0 0	0 0	18 18	
			— —	4 24	20 14	15 5	— —	5 12	— —	— —	20 14/12	
Couligarton	NN454007	49	0 0	2 2	11 20	6 16	1 0	10 6	1 0	3 1	34 45	
			— —	1 25	18 21	11 9	— —	8 12	— —	1 2	18 21/12	
Glengyle	NN 388133	122	0 0	6 2	7 19	1 15	4 0	7 6	0 0	2 0	27 42	
			— —	5 25	25 14	6 5	— —	1 16	— —	— —	25 14/12	
Loch Arklet	NN 376096	146	0 0	3 1	8 20	4 14	4 0	6 5	0 0	3 0	28 40	
			— —	1 25	20 14	1 9	— —	5 12	— —	— —	20 14/12	
Loch Vennachar	NN 598063	84	0 0	1 0	5 20	4 11	0 0	5 4	0 0	2 0	17 35	
			— —	— —	22 21	3 5	— —	5 12	— —	— —	22 21/12	
Stronachlachar	NN 401103	117	0 0	2 2	4 20	1 17	0 0	5 6	0 0	0 0	12 45	
			— —	7 24	18 14	4 5	— —	7 12	— —	— —	18 14/12	
<i>Dumfries & Galloway</i>												
Bargrennan	NX 361789	110	1 0	1 0	10 17	2 2	1 0	5 2	0 0	5 0	25 21	
			— —	— —	15 14	1 5	— —	5 11	— —	— —	15 14/12	
Eskdalemuir	NT 235026	242	0 0	5 1	16 18	8 16	5 1	12 4	2 0	4 0	52 40	
			— —	1 28	25 28	20 6	1 22	5 11	— —	— —	25 28/12	
Forest Lodge (Dalry)	NX 555866	152	0 0	3 2	4 19	3 15	0 0	5 3	0 0	0 0	15 39	
			— —	4 23	25 14	12 6	— —	7 10	— —	— —	25 14/12	

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1981					1982					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
<i>West Sussex</i>													
Gatwick#	TQ 265407	59	0 0	1 0	10 11	2 9	2 0	1 0	0 0	0 0	16 20		
			--	--	7 12	11 10	--	--	--	--	11 10/1		
Washington	TQ 118135	23	0 0	0 0	11 7	3 8	2 0	0 0	0 0	1 0	17 15		
			--	--	3 12	12 10	--	--	--	--	12 10/1		
<i>Hampshire</i>													
Mayflower Park#	SU 416112	3	0 0	0 0	8 0	3 8	3 0	0 0	0 0	0 0	14 8		
			--	--	--	14 9	--	--	--	--	14 9/1		
DISTRICT 7A—ENGLAND NW & ISLE OF MAN													
<i>Cumbria</i>													
Alston	NY 717471	274	1 0	3 2	11 20	7 14	0 0	10 3	3 0	4 0	39 39		
			--	2 28	17 24	19 10	--	9 11	--	--	19 10/1		
Dale Head	NY 313175	189	1 0	2 0	5 22	4 12	6 1	7 1	0 0	2 0	27 36		
			--	--	38 20	13 1	1 22	1 11	--	--	38 20/12		
Ennerdale	NY 085153	117	0 0	0 0	5 12	1 1	1 0	1 0	0 0	**	* *		
			--	--	5 9	1 5	--	--	--	**	* *		
Geltsdale	NY 575537	229	* *	0 0	5 14	* 10	0 0	3 3	**	**	* *		
			* *	--	8 14	15 9	--	8 11	**	**	* *		
Hawes Water	NY 503159	213	0 0	2 2	5 5	3 4	2 2	3 3	0 0	1 1	16 17		
			--	1 23	13 14	5 6	7 18	1 11	--	7 1	13 14/12		
High Nibthwaite	SD 294898	54	0 0	2 0	8 23	3 10	0 0	2 0	0 0	0 0	15 33		
			--	--	21 23	11 1	--	--	--	--	21 23/12		
Lanthwaite	SD 165851	44	0 0	0 0	10 9	1 0	0 0	1 0	0 0	1 0	13 9		
			--	--	13 14	--	--	--	--	--	13 14/12		
<i>Lancashire</i>													
Bacup	SD 847198	404	1 0	5 3	13 23	5 9	3 1	* *	1 0	4 0	* *		
			--	5 24	61 19	3 8	1 17	* *	--	--	* *		
Belmont	SD 692142	247	0 0	2 3	8 21	4 10	2 2	5 2	2 0	3 0	26 38		
			--	2 24	11 14	5 8	1 13	2 12	--	--	11 14/12		
Slaidburn	SD 717547	192	1 0	2 0	10 22	6 11	5 0	14 0	3 0	3 0	44 33		
			--	--	35 15	5 1	--	--	--	--	35 15/12		
Squires Gate#	SD 316317	10	0 0	1 0	10 18	2 8	3 0	2 0	0 0	0 0	18 26		
			--	--	25 14	2 9	--	--	--	--	25 14/12		
<i>Greater Manchester</i>													
Ringway#	SJ 818850	75	0 0	2 0	15 18	3 9	1 0	3 0	1 0	1 0	26 27		
			--	--	16 11	4 9	--	--	--	--	16 11/12		
Strine Dale	SD 955062	213	0 0	5 5	14 24	7 4	5 0	11 0	5 0	3 0	50 33		
			--	1 23	D 14	1 7	--	--	--	--	D 14/12		
<i>Cheshire</i>													
Northwich	SJ 656729	14	0 0	1 0	10 24	2 8	1 1	1 0	0 0	**	* *		
			--	--	15 13	4 9	7 17	--	--	**	* *		
<i>Isle of Man</i>													
Maughold Head	SC 498914	70	0 0	0 0	2 4	1 1	0 0	0 0	0 0	0 0	3 5		
			--	--	7 9	7 8	--	--	--	--	7 9/12		
Snaefell	SC 397880	614	* *	1 1	8 23	2 8	4 7	8 7	0 0	**	* *		
			* *	1 24	D 20	5 8	4 22	5 15	--	**	* *		
DISTRICT 7B—WALES N													
<i>Gwynedd</i>													
Dolgellau	SH 732177	27	0 0	0 0	4 2	2 10	0 0	0 0	**	**	* *		
			--	--	10 11	20 9	--	--	**	**	* *		

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1981					1982					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
Pen y Bryn Isaf	SH 636513	76	0 0	2 0	14 17	4 9	4 0	3 0	0 0	0 0	27 26		
Valley#	SH 310758	10	— —	— —	16 14	23 9	— —	— —	— —	— —	23 9/1		
Ysbyty Ifan	SH 860497	262	0 0	0 0	2 14	1 9	— —	— —	— —	— —	21 9		
			— —	— —	* *	1 10	3 0	* *	0 0	0 0	2 14/12		
			— —	— —	* *	D 9	— —	* *	— —	— —	* *		
<i>Clwyd</i>													
Alwen	SH 956528	335	2 0	1 1	13 24	7 11	2 2	11 3	3 0	5 0	44 41		
Bwlch Tunnel	SJ 164580	277	— —	T 25	25 14	D 9	5 22	5 15	— —	— —	D 9/1		
Cae Llwyd	SJ 269482	280	2 0	1 0	12 25	2 12	3 0	5 3	2 1	1 0	28 41		
			— —	— —	20 14	28 8	— —	1 14	T 8	— —	28 8/1		
Clawdd Newydd	SJ 078521	300	0 0	2 0	12 22	2 13	1 0	5 0	0 0	1 0	23 35		
Mount Pleasant (Mold)	SJ 256663	153	— —	— —	D 14	28 9	— —	— —	— —	— —	D 14/12		
			1 0	1 0	13 24	2 12	1 0	11 0	1 0	2 0	32 36		
			— —	— —	15 11	20 9	— —	— —	— —	— —	20 9/1		
			0 0	2 0	12 23	2 12	1 1	7 0	0 0	0 0	24 36		
			— —	— —	35 14	23 9	1 18	— —	— —	— —	35 14/12		
<i>Powys (North)</i>													
Lake Vyrnwy#	SJ 017188	303	1 0	0 0	15 24	6 16	3 3	7 2	1 0	0 0	33 45		
			— —	— —	28 14	23 9	3 22	3 29	— —	— —	28 14/12		
DISTRICT 8A—WALES S													
<i>Dyfed</i>													
Aberporth	SN 242521	133	0 0	0 0	11 3	3 8	4 0	3 0	0 0	0 0	21 11		
			— —	— —	2 22	12 9	— —	— —	— —	— —	12 9/1		
Towy Castle	SN 406141	84	1 0	0 0	12 8	4 12	3 0	0 0	1 0	0 0	21 20		
			— —	— —	5 11	71 10	— —	— —	— —	— —	71 10/1		
<i>Powys (South)</i>													
Evancoyd	SO 261630	227	* *	0 0	14 24	3 14	0 0	0 0	**	**	* *		
			* *	— —	28 13	61 9	— —	— —	**	**	* *		
<i>South Glamorgan</i>													
Barry	ST 077668	64	0 0	0 0	3 2	3 10	0 0	1 0	0 0	0 0	7 12		
			— —	— —	10 10	46 9	— —	— —	— —	— —	46 9/1		
<i>West Glamorgan</i>													
Penmaen	SS 531889	87	0 0	0 0	6 3	4 10	3 0	2 0	0 0	1 0	16 13		
			— —	— —	2 22	60 10	— —	— —	— —	— —	60 10/1		
Swansea	SS 655925	23	0 0	0 0	7 0	3 10	1 0	2 0	0 0	0 0	13 10		
			— —	— —	— —	30 10	— —	— —	— —	— —	30 10/1		
<i>Mid Glamorgan</i>													
Merthyr Tydfil	SO 048071	235	0 0	0 0	11 22	2 13	2 1	2 0	0 0	**	* *		
			— —	— —	18 14	69 10	2 18	— —	— —	**	* *		
Cwm Bargoed	SO 081062	372	0 0	3 0	11 23	5 12	4 1	6 1	1 0	1 0	31 37		
			— —	— —	20 20	90 10	3 18	2 13	— —	— —	90 10/1		
DISTRICT 8B—ENGLAND SW													
<i>Avon</i>													
Long Ashton#	ST 535699	51	0 0	0 0	8 10	3 10	3 0	3 0	0 0	0 0	17 20		
			— —	— —	12 11	26 10	— —	— —	— —	— —	26 10/1		

TABLE 3 (continued)

Station	Grid Reference	Altitude (metres)	1981					1982					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
<i>Somerset</i>													
Hawkridge	SS 877327	314	1 0	0 0	7 9	4 11	3 2	3 1	1 0	1 0	20 23		
			--	--	13 10	20 9	2 22	3 16	--	--	20 9/1		
Nettlecombe# (Birds Hill)	ST 055362	280	1 0	0 0	6 6	5 8	2 1	2 1	0 0	0 0	16 16		
			--	--	6 11	19 10	5 18	5 16	--	--	19 10/1		
Yeovilton	ST 551237	18	0 0	0 0	8 2	3 8	2 0	3 0	0 0	1 0	17 10		
			--	--	1 9	6 10	--	--	--	--	6 10/1		
<i>Dorset</i>													
Dorchester	SY 693891	60	0 0	0 0	7 2	3 9	1 0	2 0	0 0	0 0	13 11		
			--	--	7 10	12 10	--	--	--	--	12 10/1		
Hurn	SZ 117978	10	0 0	0 0	6 1	3 8	1 0	1 0	1 0	0 0	12 9		
			--	--	2 10	7 10	--	--	--	--	7 10/1		
<i>Devon</i>													
Burrator	SX 553680	230	0 0	0 0	6 8	3 8	1 1	4 1	0 0	1 0	15 18		
			--	--	15 14	10 8	2 17	7 13	--	--	15 14/12		
Chagford	SX 661866	381	1 0	0 0	8 13	5 11	3 2	3 1	1 1	**	* *		
			--	--	15 10	17 8	6 18	1 16	1 1	**	* *		
Exeter#	SY 001933	32	0 0	0 0	9 2	5 8	1 0	2 0	0 0	1 0	18 10		
			--	--	2 10	9 8	--	--	--	--	9 8/1		
North Hessary Tor	SX 585735	427	1 0	1 0	7 3	5 12	5 2	12 2	1 1	3 0	35 20		
			--	--	30 13	24 8	4 18	1 15	1 1	--	30 13/12		
Okehampton	SX 593943	240	1 0	0 0	12 10	6 9	4 1	4 0	1 0	2 0	30 20		
			--	--	7 10	D 8	5 18	--	--	--	D 8/1		
Plymouth	SX 514529	49	0 0	0 0	4 0	4 3	1 0	0 0	0 0	0 0	9 3		
			--	--	--	10 8	--	--	--	--	10 8/1		
Yalland	SX 690628	264	1 0	0 0	6 4	4 6	3 2	3 0	0 0	3 1	20 13		
			--	--	D 13	18 10	4 17	--	--	1 5	D 13/12		
<i>Cornwall</i>													
Bastreet#	SX 244765	232	0 0	0 0	5 1	3 7	2 1	0 0	0 0	0 0	10 9		
			--	--	7 10	2 8	7 18	--	--	--	2 8/1		
Camborne	SW 626407	88	0 0	0 0	2 0	2 0	0 0	0 0	0 0	1 0	5 0		
			--	--	--	--	--	--	--	--	--		
St Mawgan	SW 871642	103	0 0	0 0	7 0	4 0	1 0	2 0	0 0	2 0	16 0		
			--	--	--	--	--	--	--	--	--		

FIGURE 2 DISTRIBUTION OF SNOW COVER 1981/82

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

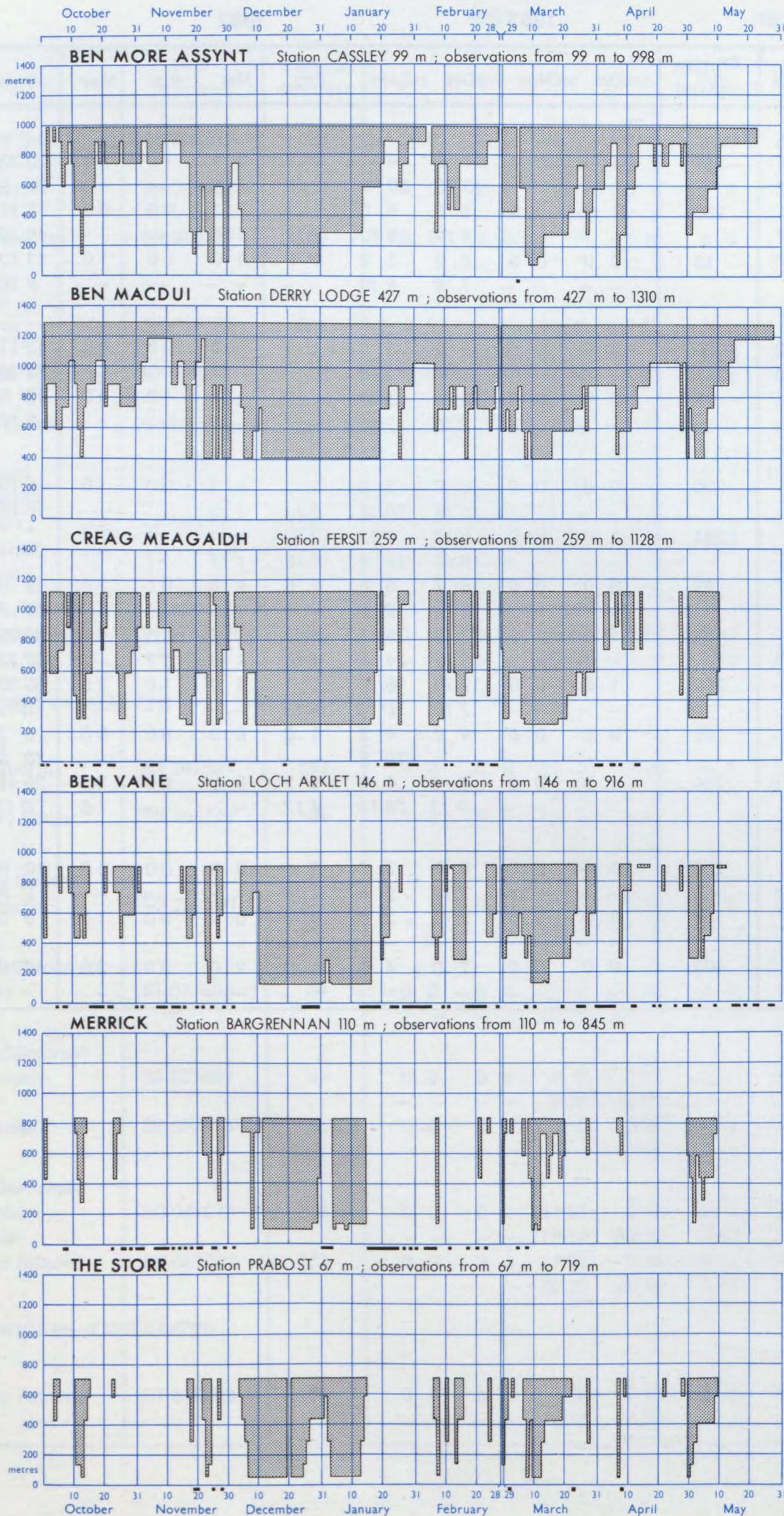


FIGURE 2 (Continued)

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

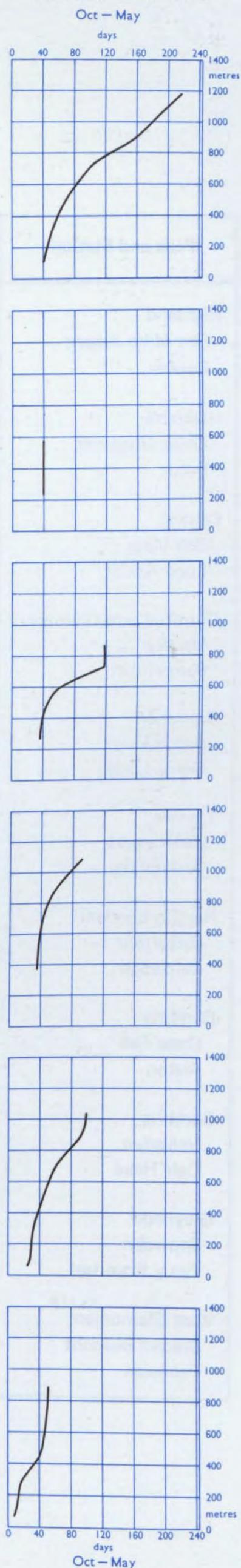
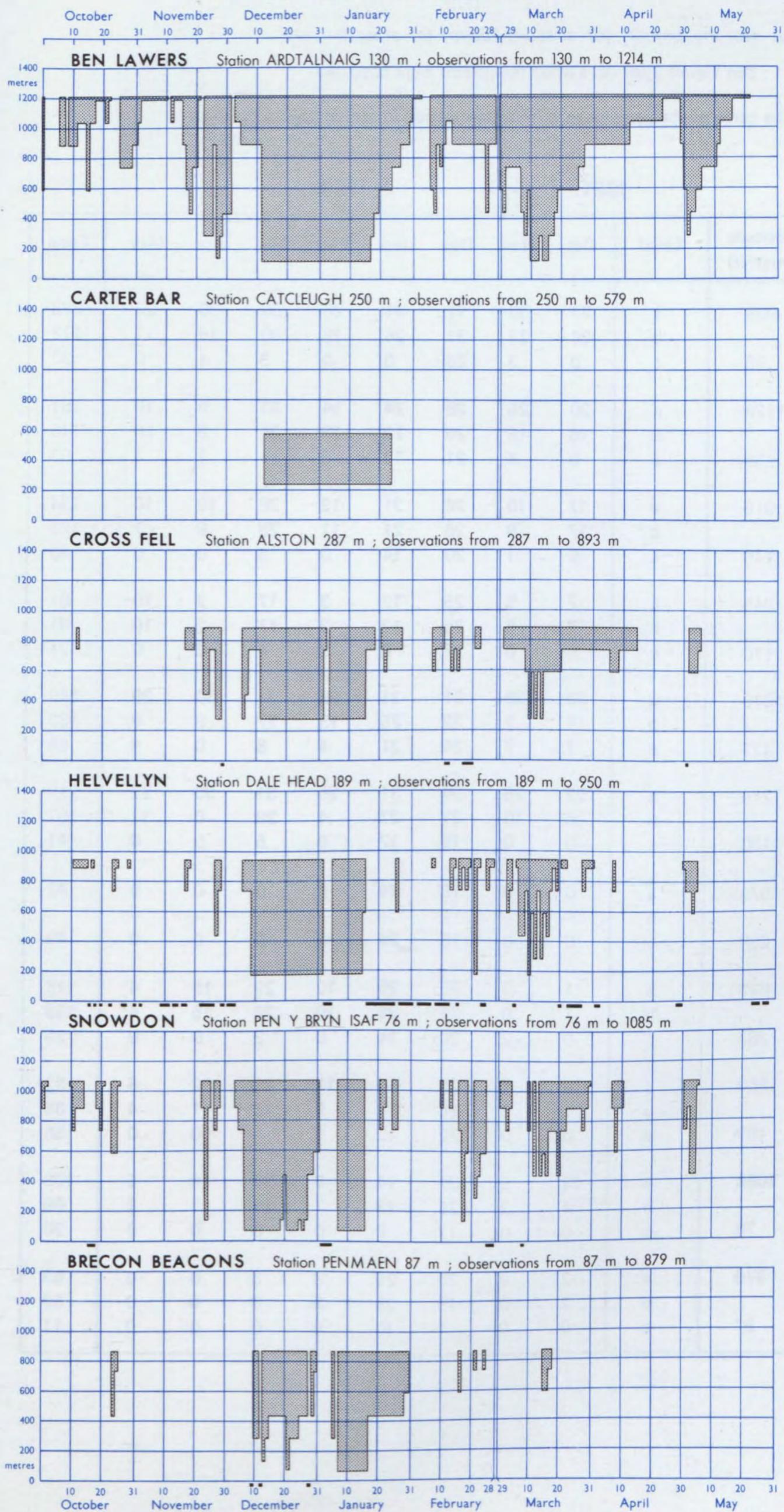


Table 4 Number of days with snow observed to be lying in the mountains

(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	1981					1982					Total
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
Highland	998	a	27	30	31	31	26	30	30	23	228		
<i>Ben More Assynt</i>		b	21	22	31	24	18	30	16	11	173		
Cassley	99	c	0	3	26	0	0	3	1	0	33		
Highland	1128	a	20	25	28	24	14	31	9	10	161		
<i>Creag Meagaidh</i>		b	18	18	26	22	13	31	8	10	146		
Fersit	259	c	0	4	21	12	3	11	1	1	53		
Central	916	a	17	10	26	21	12	28	10	10	134		
<i>Ben Vane</i>		b	17	9	26	21	11	28	6	7	125		
Loch Arklet	146	c	0	1	20	14	0	5	0	0	40		
Dumfries and Galloway	845	a	7	5	25	12	3	17	2	10	81		
<i>Merrick</i>		b	7	5	25	12	3	17	2	10	81		
Bargrennan	110	c	0	0	17	0	0	4	0	0	21		
Grampian	1310	a	30	30	31	31	28	31	30	29	240		
<i>Ben Macdui</i>		b	14	7	28	25	15	27	8	9	133		
Derry Lodge	427	c	1	7	24	21	1	8	0	4	66		
Tayside	1214	a	22	28	30	31	25	31	30	22	219		
<i>Ben Lawers</i>		b	6	10	21	27	4	28	0	11	107		
Ardtalnaig	130	c	0	0	19	17	0	5	0	0	41		
Northumberland	579	a	0	0	18	24	0	0	0	0	42		
<i>Carter Bar</i>		b	—	—	—	—	—	—	—	—	—		
Catcleugh	250	c	0	0	18	24	0	0	0	0	42		
Cumbria	893	a	1	9	25	25	10	29	15	4	118		
<i>Cross Fell</i>		b	1	9	25	25	10	29	15	4	118		
Alston	287	c	0	2	20	14	0	3	0	0	39		
Cumbria	950	a	9	4	25	14	12	21	2	5	92		
<i>Helvellyn</i>		b	1	3	25	14	5	15	1	4	68		
Dale Head	189	c	0	0	22	12	1	1	0	0	36		
Gwynedd	1085	a	13	5	27	14	9	23	4	5	100		
<i>Snowdon</i>		b	4	2	26	13	7	13	1	3	69		
Pen y Bryn Isaf	76	c	0	0	17	9	0	0	0	0	26		
West Glamorgan	879	a	2	0	20	25	3	3	0	0	53		
<i>Brecon Beacons</i>		b	2	0	19	25	3	3	0	0	52		
Penmaen	87	c	0	0	1	10	0	0	0	0	11		