



The Met. Office

Snow Survey of
Great Britain
1989/90



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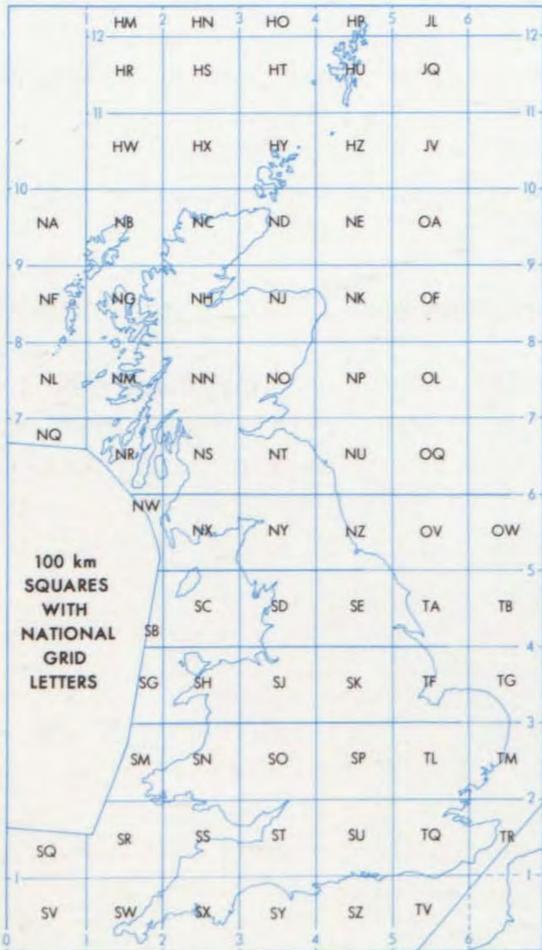
The Met. Office
Commercial Services Division
September 1990

Figure 1

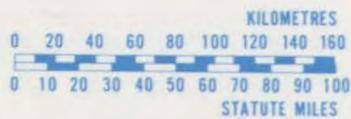
Positions of snow survey stations

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



100 km SQUARES WITH NATIONAL GRID LETTERS



NATIONAL GRID

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 season from October to the following May, the main period of likely snowfall. A few observers, mainly in Scotland, provide special reports throughout the year and their data for the summer of 1989 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 UTC. 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 by HMSO in the *Monthly Weather Report* of the Meteorological 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 a suffix (S) in Table 3. Some stations have no observer on site at week-ends and on bank holidays and their observations may be incomplete. Where this is known they are indicated in Table 3 by a suffix (W). 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.

The Meteorological Office expresses its thanks to all those responsible for voluntary observations without whose co-operation this report could not have been prepared.

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 1989. The main report begins with a description of the 1989/90 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.

* In the United Kingdom sleet is the word used to describe a mixture of snow and rain, or of snow and drizzle.

2.2 Tables

The tables supplement the descriptive text.

Table 1 provides a comparison of the snow seasons from 1946/47 to 1989/90. 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 were used for the seasons 1968/69 to 1979/80. At Balmoral records of days of snow cover are available for the whole period but there are no records of snow falling between the seasons 1949/50 and 1957/58; for these, observations from Braemar have been used, and Braemar is used from the 1985/86 season. Lake Vyrnwy closed in 1985 and was replaced by Llanfair Caereinion. Huddersfield (Oakes) closed in 1986 and was replaced by Wilsden. Boscombe Down was replaced by Lyneham in 1988.

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 in centimetres of the maximum depth of undrifted snow lying at the station, and
- (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 regional 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 12 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 observation from nearby locations or from further up the mountain. 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 1989

June 1989

Snow lay on the higher levels of the Scottish Mountains from 750 m to 1050 m on the first two days of the month, and there was a brief cover at 900 m and 1050 m on the 30th. Snow lay to 900 m on the Cairngorm Mountains on the 3rd, to 1050 m on the 4th and then only above 1200 m until the 7th; on the 29th there was fresh snow down to about 800 m, but it gradually melted during the day. Otherwise only small areas remained in sheltered corries and gullies until the 15th and only isolated drifts thereafter.

July 1989

Only very isolated small drifts remained on the Cairngorm Mountains.

August and September 1989

No snow was visible on the Cairngorm Mountains.

4. Snow observations in Great Britain during the season 1989/90

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 much lower than usual, although in parts of Scotland the incidence was about normal.

There were just over 70 days with snow falling on the high summits in the Scottish mountains and in the northern part of Shetland, but over the Scottish Highlands generally only 20 to 30 days and over the Southern Uplands 30 to 50 days. Over the northern Pennines snow or sleet fell on up to 33 days, over the Welsh mountains on 20 to 40 days and over southern parts of England and South Wales there were less than 10 days with snow or sleet falling, some places in the south and east having very little snowfall.

4.2 Number of days with snow lying

The number of days with snow lying at 09 UTC was lower than usual and in most cases in Great Britain less than half the 1941-70 average. Over most of England and Wales snow cover was well below 10 per cent of average and many parts of England and Wales had no snow cover throughout the season.

Snow lay for up to 73 days on the summits of the North West Highlands, for between 140 and 160 days on the summits of the Grampians and Cairngorms, 89 days on the summits in the central Highlands and up to 38 days in the Southern Uplands. Snow lay on the tops of the northern Pennines on up to 59 days, over the summits of the Cambrian Mountains for up to 36 days and on the hills of Northumberland for some 30 days. Snow cover only lasted for 5 days on the Brecon Beacons.

4.3 Notes on the weather of individual months

October 1989

It was a mild month everywhere except northernmost parts of Scotland.

Monthly rainfall totals were above normal nearly everywhere apart from parts of eastern and southern Scotland and parts of eastern England and East Anglia.

Snow or sleet fell on one or two days in the first half of the month in northern Scotland and Orkney and Shetland.

Snow lay between 3 and 9 days at 1200 m, between 2 and 5 days at 900 m and for a day or so at one or two places down to 600 m. There were no reports of snow lying below 600 m.

November 1989

Temperatures were slightly above average in eastern Scotland, north-east England, Wales and south-west England, while in many central and south-eastern areas of England it was rather cool.

Monthly rainfall totals were below normal everywhere in the United Kingdom.

Early on the 10th showers over the Scottish Highlands were wintry, giving a thin covering of snow above 800 m in the Aviemore area. Wintry showers in north-east Scotland resulted in 1 cm of snow lying at Grantown-on-Spey, Highland Region on the 25th.

No snow was recorded by the observer at Ardtalnaig during the month. However, there was a dusting of snow on the highest summits during the period from the 1st to 12th; Braes of Balquhidder, Ben More Stobinian and satellites, 30 km to the south-west, had a light snow cover above about 750 m. The remainder of the month was settled and mainly dry. On some mornings rime was observed on extreme summits and a trace of snow on 24th and 28th-30th came as low as 600 m briefly on the 28th. There were reports of snow lying above 870 m amsl in Snowdonia on only 2 days.

The duration of snow cover was between 8 and 11 days in the North West Highlands and between 6 and 20 days in the Grampians and Cairngorms. The duration of snow lying above 750 m was about 5 days in the northern Pennines and only 2 days in North Wales.

December 1989

Temperatures were above normal south of a line from South Wales to the Humber Estuary and below normal to the north.

Mean monthly rainfall totals were above normal over most of England and Wales and below normal in Northern Ireland and most of Scotland.

On the 13th snow fell from the Midlands northwards and drifting snow blocked the Snake Pass and Woodhead Pass in northern Derbyshire where at one point 80 lorries were stuck. Many motorists in Shropshire were caught unawares by the sudden snowfall and roads between Shrewsbury and Much Wenlock and in the Ellesmere area were blocked by

skidded lorries. In Shropshire snow was 13 cm deep in hilly areas and 5 cm deep in Shrewsbury. In North Wales the road was closed between Mold and Ruthin, and the 6-mile stretch between Halkyn and St Asaph was blocked with cars inching forward in blinding snow which froze on the ground. Further snow fell in north Derbyshire on the 14th with up to 13 cm of level snow reported lying in the Buxton area. Moel-y-Crio, Clwyd measured 24 cm of snow lying at 09 UTC on the 15th. Further snow fell later on the 18th, over eastern Wales and the north-western Midlands. Main roads from Hereford to Brecon and Builth to Llandrindod Wells were closed for a time in the evening (the road to Brecon blocked by a jack-knifed lorry at Felinfach) and the local TV news reported hundreds of vehicles abandoned on roads in Powys.

In the Southern Uplands there were light falls at mid month and, with some drifting, snow lay in north-facing hollows until the end of the month. In the Central Highlands of Scotland there was light snow cover above about 1050–1150 m during the first 11 days. Conditions began to deteriorate about the 12th with sleet showers and light cover above about 450 m. On the 16th a short spell of heavy wet snow and sleet had gone by the following morning leaving patchy cover (just over 50%) above 450 m. On the 20th 5 cm of level snow was reported at Ardtalnaig, disappearing by the morning of the 21st, leaving only patches, even on extreme summits. On 25th a fresh light cover lay on ground above 900 m and remained for the rest of the month.

The duration of snow cover was about 11 to 15 days over the higher summits of the North West Highlands, with only 3 to 6 days at about 150 m. The snow cover over the Grampians and Cairngorms ranged from 27 to 31 days at the highest summits to about 10 days or less at 450 m and generally less than 5 days at about 150 m. Snow lay on 3 to 7 days in the Southern Uplands and up to 9 days on the northern Pennines and 7 days on the southern Pennines. Snow lay on the summits of the Cambrian Mountains for between 3 and 7 days, but only for a day over the hills of South Wales.

January 1990

It was a mild month in all areas.

It was wet everywhere except in eastern coastal areas where it was generally dry.

Locally heavy and wintry showers came to Scotland on the 17th and the morning of the 18th. By the 23rd, however, cold air began to dig in from the north-west behind a cold front which crossed eastwards early in the day. Blustery, thundery showers were of snow on higher ground and Aviemore had 5 cm of snow lying by the evening. Much of Scotland reported snow lying on the 24th. Low-lying city centre sites in Dundee, Edinburgh and Paisley, for example, recorded 1 cm of lying snow, while East Kilbride (178 m) reported 21 cm. The coastal area of Grampian Region was one of the few areas to miss the snow. Overnight on the 24th/25th rain turned to snow for a time, as it moved into south-eastern and central Scotland. Heavy falls of snow again occurred in the Highlands but the main area of precipitation did not reach the far north-west of Scotland. During the 24th in particular and the following day further widespread snow showers, accompanied by strong wind,

gave blizzard conditions in places, as a vigorous depression moved eastwards across southern Scotland. At 09 UTC on the 26th, 30 cm of level undrifted snow lay at the Cairngorm Chairlift (663 m), 29 cm at Leadhills, Borders Region (338 m) and 22 cm at Braemar, Grampian Region (339 m). The 28th was again a day of scattered wintry showers.

In North Wales the A55 Holywell Bypass was closed by snow and ice on the morning of the 24th. On the 27th snow started at 16 UTC, with drifting from soon after midnight on the 28th and giving some deep drifts of 48 cm by 07 UTC on the 28th. The snow turned to rain in the early hours of the 28th, bringing a quick thaw although the lying snow lasted until early on the 30th. In Cumbria, there were two falls of snow, one at 750 m on the 2nd and the second giving a light covering from station level upwards on the 17th. Between the 23rd and 28th sufficient snow fell at intervals to maintain the average depth of approximately 5 cm. From the 29th snow was only lying above 450 m. In the central Highlands snow was observed only on the highest ground until the 17th, with that cover reduced to patches only on the 15th and 16th. Snow lay above about 200 m on the 18th and at station level to a depth of 15 cm on the 24th and 18 cm on the 25th and 26th, thereafter under wet and stormy weather the snow cover disappeared below the 250 m level on the 29th and by the 31st had retreated to levels above 500 m.

Snow lay for up to 17 days on the summits of the North West Highlands and from 15 to 31 days on the highest parts of the Grampians and Cairngorms, although generally the duration at low levels was less than 10 days. Snow lay for up to 10 days on the Southern Uplands, from 9 to 12 days on the northern Pennines, from 5 to 7 days on the summits of the Welsh mountains and less than 5 days elsewhere.

In the central Highlands the snow line was around 450–500 m during the first 10 days. Thereafter a short relatively cold spell produced snow depth of up to 2 cm at about 100 m. On the 18th snow disappeared below 200 m and from the 19th to 25th remained at about 750 m. Towards the end of the month 9 cm of snow lay for a brief period around the 100 m level, but quickly receded to 300 m; the month ended with late night snow on the 28th giving a cover of 6 cm on 1 March.

Snow lay for up to 17 days on the summits of the North West Highlands and 28 days on the Grampians and Cairngorms, but between 4 and 14 days at lower levels. Duration of snow cover was 7 to 14 days in the Southern Uplands and up to 18 days in the northern Pennines. Snow lay on the highest parts of the Welsh mountains for 7 or 8 days and over the hills of South Wales for 8 days.

March 1990

It was a mild month in all areas and rainfall totals were below normal everywhere except western and northern Scotland.

On the 1st winds turned more northerly and, with a trough moving southwards in the flow many areas had snow showers, though the Midlands and southern England escaped most of them. On the 8th northern Scotland had wintry showers. On the 9th there were a few wintry showers — mostly in Scotland. After the 24th a showery, north-westerly airstream followed, with hail, snow and thunder in places.

On the 1st and 2nd there was around 5 cm of level snow at about 100 m in many parts of Scotland and northern England, with accumulations of about 20 cm at places over 300 m; thereafter apart from very brief and light cover down to 300 m at the lowest, the month remained generally snow free. However, in the central Highlands snow lay above 900 m throughout, with some patches remaining above about 500 m.

Snow lay on the highest summits of the Scottish Highlands for between 14 and 31 days, over the Southern Uplands for about 5 days and on parts of the northern Pennines and North Wales for up to 7 days.

April 1990

Temperatures were generally near normal everywhere, above normal in most areas, although a few places had temperatures slightly below normal.

It was dry everywhere except for northern and western Scotland, south-east England and East Anglia.

On the 2nd there was some snow in northern areas, and on the 3rd, showers were heavy locally and fell mainly as snow, sleet or hail, although some sheltered areas had a dry day. Wintry showers were widespread in Scotland and 11 cm of

lying snow had accumulated at Aviemore, Highland Region by the afternoon of the 3rd. From the 15th to 18th showers, locally heavy and thundery with hail and, over high ground, snow, affected most areas from time to time but were most frequent in the west. Snow lay in the Southern Uplands on the 16th and 17th, with 8 cm of level snow lying at Leadhills, Strathclyde Region. There were wintry showers in northern areas of Scotland on the 26th, and 2 cm of lying snow at Lerwick on the morning of the 27th.

Snow lay on the highest parts of the Scottish Highlands for between 14 and 30 days, at 600 m for between 3 and 20 days and at 150 m generally less than 5 days. Duration of snow cover on the Southern Uplands was up to 12 days and on the northern Pennines 13 or 14 days. Over the highest summits of the Welsh mountains snow lay for 7 to 9 days.

May 1990

It was another mild and very dry month, with rainfall totals below normal everywhere except for a narrow band from about Prestwick to Newcastle, where it was rather wet.

No snow fell at low level although snow was reported falling at places above 300 m on the 7th and 24th. However, snow was reported lying above 900 m on up to 9 days and above 1200 m between 20 and 26 days.

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)/ Wiilsden	Buxton	Woburn	Boscombe Down/Lyneham	Exeter	Lake Vyrnwy/ Llanfair Caereinion	Season	Fort Augustus/Corpach	Balmoral/Braemar	West Linton	Eskdalemuir	Huddersfield(Oakes)/ Wiilsden	Buxton	Woburn	Boscombe Down/Lyneham	Exeter	Lake Vyrnwy/ Llanfair Caereinion
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	19	54	15	30	28	34	3	2	1	25
21	57	-	52	27	43	11	24	18	33	1981/82	21	62	42	40	40	38	23	18	10	45
29	60	28	82	33	52	16	20	15	62	1982/83	18	66	13	34	21	21	4	3	2	15
23	51	40	55	30	41	7	23	14	56	1983/84	30	69	39	37	27	26	3	2	0	23
20	50	44	59	43	33	21	27	20	40	1984/85	14	66	20	37	11	47	29	22	9	42
29	111	55	101	64	53	7	36	23	35	1985/86	25	96	41	58	29	60	4	9	1	44
22	94	51	69	42	30	14	23	13	26	1986/87	20	77	24	39	24	26	6	11	3	25
11	66	32	57	31	21	8	21	10	17	1987/88	7	48	7	19	10	9	3	2	0	7
14	50	20	48	28	14	4	13	5	11	1988/89	7	40	10	14	9	8	1	1	0	9
16	57	24	48	27	10	2	10	3	10	1989/90	9	39	17	21	13	6	0	0	0	4

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

December 1989

Day	Wick	Knockanrock	Inverawe	Whitehillocks	Edinburgh (Blinkbonny)	Eskdalemuir	Alston	Lanthwaite	Belmont	Sledmere	Buxton	Martley	Marham	Penshurst Place	Dolgellau	Llanfair Caereinion	Cwmbargoed	Swansea	Exeter	Chagford	Day
1	There were no reports of snow lying at these stations in October or November 1989																				1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
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11																					11
12																					12
13																					13
14	2			3	5		6		1		2					12					14
15	2	1			6	T	7									5					15
16	2			2	6	1	5									1					16
17																					17
18																					18
19	2	1		6	3							3				11	2				19
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Day	Wick	Knockanrock	Inverawe	Whitehillocks	Edinburgh (Blinkbonny)	Eskdalemuir	Alston	Lanthwaite	Belmont	Sledmere	Buxton	Martley	Marham	Penshurst Place	Dolgellau	Llanfair Caereinion	Cwmbargoed	Swansea	Exeter	Chagford	Day	
1																					1	
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
9		1																				9
10																						10
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12																						12
13		1																				13
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18						1																18
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21																						21
22																						22
23		1					5		7	1												23
24		13	1	1	4		4				4	2	T			1	1					24
25		16		15	3	1	5															25
26		17	1	15		4	6														3	26
27		15		15		4	8		8								1				5	27
28		12		15			5				5				T	8						28
29		12		12												2						29
30		9																				30
31		3																				31

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

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 + indicates no information available

March 1990

Day	Wick	Knockanrock	Inverawe	Whitehillocks	Edinburgh (Blinkbonny)	Eskdalemuir	Alston	Lanthwaite	Belmont	Sledmere	Buxton	Martley	Marham	Penshurst Place	Dolgellau	Llanfair Caereinion	Cwmbargoed	Swansea	Exeter	Chagford	Day
1	1	14		3		26	16			5	5						T				1
2	4	18	2	3		17	11				T				3	T					2
3		7				5	10														3
4							5														4
5																					5
6																					6
7																					7
8																					8
9	T	5	2																		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																					22
23																					23
24		1					1														24
25		1																			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 1990

Day	Wick	Knockanrock	Inverawe	Whitehillocks	Edinburgh (Blinkbonny)	Eskdalemuir	Alston	Lanthwaite	Belmont	Sledmere	Buxton	Martley	Marham	Penshurst Place	Dolgellau	Llanfair	Caereinion	Cwmbargoed	Swansea	Exeter	Chagford	Day	
1																						1	
2							1																2
3	2	2		T		1					1												3
4	1	4									2												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					1																16
17		5				T	1																17
18							1																18
19						1																	19
20																							20
21																							21
22																							22
23																							23
24																							24
25																							25
26																							26
27																							27
28																							28
29																							29
30																							30

There were no reports of snow lying at these stations in May 1990

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 (S) after the name are supplementary to the Snow Survey network, and those by (W) are 5 day/week stations (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. A plus (+) indicates that data were missing or incomplete.

Station	Grid Reference	Alt. (m)	1989					1990					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
<i>District 0-Scotland N</i>													
<i>Shetland</i>													
Mossy Hill	HU 396203	229	+ +	3 2	8 6	17 1	14 5	13 2	16 3	0 0		+ +	
			+ +	T 23	4 14	1 24	3 12	2 2	13 5	- -		+ +	
Ollaberry	HU 333836	226	2 0	2 2	9 7	6 4	6 6	13 0	9 3	0 0		47 22	
			- -	3 24	5 15	5 24	4 13	- -	5 5	- -		5 15/12	
<i>Orkney</i>													
Kirkwall (S)	HY 483076	26	3 0	3 0	8 5	11 1	14 0	11 2	11 2	0 0		61 10	
			- -	- -	3 14	T 18	- -	10 1	3 3	- -		10 1/3	
<i>Western Isles</i>													
Benbecula (S)	NF 782555	5	0 0	0 0	4 1	7 0	12 1	4 1	5 0	0 0		32 3	
			- -	- -	T 14	- -	T 18	T 1	- -	- -		T 14/12	
Stornoway (S)	NB 459332	15	0 0	0 0	6 4	7 2	13 4	8 3	6 0	0 0		40 13	
			- -	- -	2 14	1 24	T 11	1 2	- -	- -		2 14/12	
<i>Highland</i>													
Ardross	NH 629739	171	0 0	0 0	2 3	3 10	8 9	3 3	1 2	0 0		17 27	
			- -	- -	5 13	15 25	15 13	5 2	5 3	- -		15 25/1	
Aviemore	NH 896143	228	0 0	3 0	11 5	12 9	20 11	11 3	12 2	0 0		69 30	
			- -	- -	1 13	27 26	10 14	11 2	7 4	- -		27 26/1	
Cairngorm Chairlift (S)	NH 991059	663	3 0	4 5	11 10	12 13	6 14	7 8	14 6	0 0		57 56	
			- -	3 25	3 13	30 26	30 2	24 2	15 4	- -		30 26/1	
Cape Wrath (S)	NC 259747	112	0 0	1 0	6 2	5 0	7 1	3 1	3 1	0 0		25 5	
			- -	- -	12 14	- -	T 14	2 1	3 3	- -		12 14/12	
Cassley (W)	NC 396232	99	0 0	0 0	1 6	2 5	+ 5	1 2	1 2	0 0		+ 20	
			- -	- -	1 15	10 29	5 14	3 1	1 4	- -		10 29/1	
Dalwhinnie (S)	NN 634841	362	0 0	10 0	11 0	17 10	18 15	12 6	8 3	3 0		79 34	
			- -	- -	- -	38 26	30 14	23 2	5 3	- -		38 26/1	
Fersit	NN 351782	259	0 0	0 0	0 0	8 8	6 12	4 5	3 3	0 0		21 28	
			- -	- -	- -	30 26	30 13	15 2	8 17	- -		30 26/1	
Fort Augustus (S)	NH 381091	21	0 0	0 0	3 0	4 5	6 3	1 1	2 0	0 0		16 9	
			- -	- -	- -	9 26	5 27	3 1	- -	- -		9 26/1	
Fort William (Br. Al.)	NN 130751	27	0 0	0 0	0 0	+ 3	4 4	1 1	0 0	0 0		+ 8	
			- -	- -	- -	4 24	1 12	1 1	- -	- -		4 24/1	
Glenshero Lodge	NN 562929	268	0 0	0 0	10 5	14 9	22 14	8 6	12 5	0 0		66 39	
			- -	- -	1 14	33 25	18 13	18 2	5 3	- -		33 25/1	

Table 3 (continued)

1989

1990

Station	Grid Reference	Alt. (m)	1989					1990					Season	
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May				
Grantown-on-Spey (S)	NJ 034283	229	0 0	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1	1
			- -	T 25	- -	- -	- -	- -	- -	- -	- -	- -	T	25/11
Inverpolly (S)	NC 074134	14	0 0	0 0	1 0	2 5	2 0	+ 1	0 0	0 0	0 0	0 0	+	6
			- -	- -	- -	5 25	- -	2 1	- -	- -	- -	- -	5	25/ 1
Kinbrace (S)	NC 872285	103	0 0	0 0	4 6	8 8	13 10	0 0	0 0	0 0	0 0	0 0	25	24
			- -	- -	6 19	6 24	2 4	- -	- -	- -	- -	- -	6	19/12
Knockanrock	NC 187088	244	0 0	0 0	3 3	16 10	16 9	5 7	7 4	0 0	0 0	0 0	47	33
			- -	- -	1 15	17 26	19 15	18 2	5 17	- -	- -	- -	19	15/ 2
Lairg (S)	NC 578055	107	0 0	0 0	2 0	5 7	6 9	6 3	4 2	0 0	0 0	0 0	23	21
			- -	- -	- -	13 25	4 16	5 2	6 3	- -	- -	- -	13	25/ 1
Prabost	NG 418501	67	0 0	0 0	2 3	5 5	6 5	5 2	6 1	0 0	0 0	0 0	24	16
			- -	- -	3 14	6 25	6 15	5 1	1 3	- -	- -	- -	6	25/ 1
Wick (S)	ND 364522	36	0 0	1 0	5 6	8 2	14 4	8 3	8 2	0 0	0 0	0 0	44	17
			- -	- -	2 14	T 25	1 14	4 2	2 3	- -	- -	- -	4	2/ 3
DISTRICT 1 — SCOTLAND E														
<i>Grampian</i>														
Braemar (S)	NO 152914	339	0 0	3 0	9 11	10 10	15 11	7 5	12 2	1 0	0 0	0 0	57	39
			- -	- -	10 17	22 26	23 27	21 1	6 4	- -	- -	- -	23	27/ 2
Crathes	NO 758969	60	0 0	0 0	2 1	2 0	2 2	4 2	4 2	0 0	0 0	0 0	14	7
			- -	- -	2 16	- -	1 12	2 1	5 4	- -	- -	- -	5	4/ 4
Drummuir	NJ 372441	189	0 0	2 1	5 7	4 5	7 8	5 4	4 2	0 0	0 0	0 0	27	27
			- -	1 25	6 13	8 26	13 14	5 2	5 4	- -	- -	- -	13	14/ 2
Dyce (S)	NJ 877127	65	0 0	1 0	5 5	0 0	6 0	5 1	5 2	0 0	0 0	0 0	22	8
			- -	- -	T 13	- -	- -	1 1	4 4	- -	- -	- -	4	4/ 4
Fetternear	NJ 708184	114	0 0	1 0	7 5	1 3	8 3	+ +	+ +	+ +	+ +	+ +	+	+
			- -	- -	2 10	1 26	6 14	+ +	+ +	+ +	+ +	+ +	+	+
Glenlatterach	NJ 200546	1510	0 0	1 1	3 3	3 3	8 8	+ +	0 0	0 0	0 0	0 0	+	+
			- -	1 24	5 12	3 24	10 26	+ +	- -	- -	- -	- -	+	+
Glenlivet (S)	NJ 188303	215	0 0	2 0	2 4	5 6	11 8	4 2	4 2	0 0	0 0	0 0	28	22
			- -	- -	5 13	12 26	11 12	5 2	9 4	- -	- -	- -	12	26/ 1
Inverurie (S)	NJ 779204	54	0 0	0 0	5 4	1 0	3 2	0 0	3 2	0 0	0 0	0 0	12	8
			- -	- -	2 13	- -	1 14	- -	6 4	- -	- -	- -	6	4/ 4
Kinloss (S)	NJ 067627	5	0 0	0 0	5 4	6 1	13 1	5 1	5 1	0 0	0 0	0 0	34	8
			- -	- -	5 15	1 25	5 27	1 9	T 4	- -	- -	- -	5	15/12
Rochomie	NJ 441633	94	0 0	0 0	1 3	3 0	6 3	3 2	2 2	0 0	0 0	0 0	15	10
			- -	- -	5 13	- -	8 27	4 1	4 2	- -	- -	- -	8	27/ 2
<i>Tayside</i>														
Ardtnaig	NN 702394	130	0 0	0 0	4 1	6 5	+ +	4 2	4 0	0 0	0 0	0 0	+	+
			- -	- -	5 20	18 25	9 27	6 1	- -	- -	- -	- -	18	25/ 1
Balhall Lodge	NO 513642	210	0 0	0 0	4 3	7 6	8 5	4 2	2 2	0 0	0 0	0 0	25	18
			- -	- -	2 14	7 26	6 17	1 1	4 1	- -	- -	- -	7	26/ 1
Drummond Castle	NN 841177	113	0 0	0 0	6 9	3 6	9 7	1 1	0 0	0 0	0 0	0 0	19	23
			- -	- -	5 17	25 26	13 15	T 1	- -	- -	- -	- -	25	26/ 1
Kindrogan (S)	NO 054629	259	1 0	0 0	5 5	11 9	16 10	0 0	8 0	0 0	0 0	0 0	41	24
			- -	- -	3 20	26 25	14 27	- -	- -	- -	- -	- -	26	25/ 1
Rannoch	NN 531582	0	0 0	0 0	2 2	7 5	+ 7	0 0	+ 4	0 0	0 0	0 0	+	18
			- -	- -	3 16	13 25	10 14	- -	1 2	- -	- -	- -	13	25/ 1
Whitehillocks	NO 448800	258	0 0	0 0	+ 4	4 6	7 6	4 2	1 2	0 0	0 0	0 0	+	20
			- -	- -	6 17	15 25	11 14	3 1	T 3	- -	- -	- -	15	25/ 1
<i>Fife</i>														
Leuchars (S)	NO 468209	10	0 0	0 0	4 1	5 1	10 2	3 1	1 0	0 0	0 0	0 0	23	5
			- -	- -	T 14	+ +	3 15	T 1	- -	- -	- -	- -	+	+

Table 3 (continued)

Station	Grid Reference	Alt. (m)	1989					1990					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
<i>Lothian</i>													
Edinburgh (Blinkbonny)	NT 227741	41	0 0	0 0	4 4	3 2	8 1	2 0	2 0	0 0	19 7		
			- -	- -	6 15	4 24	2 27	- -	- -	- -	6 15/12		
Hopes	NT 551622	247	0 0	1 0	5 2	7 5	8 2	2 0	4 0	0 0	27 9		
			- -	- -	3 15	10 25	8 12	- -	- -	- -	10 25/ 1		
Hungry Snout	NT 665633	218	0 0	1 0	3 0	6 5	4 7	3 1	4 0	0 0	21 13		
			- -	- -	- -	9 25	10 15	1 1	- -	- -	10 15/ 2		
<i>Borders</i>													
Baddingsill	NT 126554	335	0 0	1 0	6 5	7 12	10 9	6 5	7 3	0 0	37 34		
			- -	- -	15 16	35 25	28 15	8 1	8 16	- -	35 25/ 1		
Portmore	NT 260507	305	0 0	1 0	6 1	8 2	7 1	5 0	3 0	0 0	30 4		
			- -	- -	5 15	23 25	13 12	- -	- -	- -	23 25/ 1		
Sourhope	NT 843203	221	0 0	1 0	4 3	5 2	11 8	5 2	4 2	0 0	30 17		
			- -	- -	2 15	1 26	10 27	2 2	2 4	- -	10 27/ 2		
Stanhope Farm (S)	NT 123296	226	1 0	0 0	2 1	7 6	0 0	0 0	0 0	0 0	10 7		
			- -	- -	6 15	20 26	- -	- -	- -	- -	20 26/ 1		
West Linton (S)	NT 150520	244	0 0	0 0	4 4	8 6	9 7	0 0	3 0	0 0	24 17		
			- -	- -	7 15	21 25	10 15	- -	- -	- -	21 25/ 1		
DISTRICT 6 — SCOTLAND W													
<i>Strathclyde</i>													
Abbotsinch (S)	NS 480667	5	0 0	0 0	5 0	7 2	9 0	4 2	5 0	0 0	30 4		
			- -	- -	- -	1 24	- -	2 1	- -	- -	2 1/ 3		
Inverawe	NN 021316	23	0 0	0 0	3 0	11 2	19 2	7 2	9 0	0 0	49 6		
			- -	- -	- -	1 24	8 15	2 2	- -	- -	8 15/ 2		
Loch Sloy	NN 293105	204	0 0	0 0	2 1	2 6	7 2	1 1	1 0	0 0	13 10		
			- -	- -	4 20	46 25	30 15	5 1	- -	- -	46 25/ 1		
Prestwick (S)	NS 369261	16	0 0	0 0	3 0	4 0	10 0	2 0	2 0	0 0	21 0		
			- -	- -	- -	- -	- -	- -	- -	- -	- -		
Tiree (S)	NL 999446	9	0 0	0 0	1 0	4 1	9 0	4 0	5 0	0 0	23 1		
			- -	- -	- -	T 24	- -	- -	- -	- -	T 24/ 1		
<i>Central</i>													
Brig O'Turk	NN 537063	84	0 0	0 0	+ 1	+ 6	4 9	3 3	0 0	0 0	+ 19		
			- -	- -	1 20	23 27	15 15	5 1	- -	- -	23 27/ 1		
Couligarton	NN 454007	49	0 0	0 0	1 1	6 6	9 9	3 3	1 1	0 0	20 20		
			- -	- -	5 20	10 23	14 15	5 2	1 17	- -	14 15/ 2		
Glengyle	NN 388133	122	0 0	0 0	+ 2	+ 6	8 9	4 3	2 2	0 0	+ 22		
			- -	- -	T 16	9 24	8 14	1 1	1 17	- -	9 24/ 1		
Loch Arklet	NN 376096	146	0 0	0 0	6 1	5 5	10 8	4 3	2 0	0 0	27 17		
			- -	- -	2 20	8 25	11 15	4 9	- -	- -	11 15/ 2		
Loch Venachar	NN 598063	84	0 0	0 0	4 1	5 4	9 10	3 2	3 0	0 0	24 17		
			- -	- -	2 20	6 26	12 17	2 2	- -	- -	12 17/ 2		
Stronachlachar (W)	NN 401103	117	0 0	0 0	0 0	3 6	4 7	1 1	0 0	0 0	8 14		
			- -	- -	- -	5 24	8 11	1 2	- -	- -	8 11/ 2		
<i>Dumfries & Galloway</i>													
Bargrennan	NX 361789	110	0 0	0 0	3 0	3 0	5 2	3 2	2 0	0 0	16 4		
			- -	- -	- -	- -	4 27	5 1	- -	- -	5 1/ 3		
Eskdalemuir	NT 235026	242	1 0	0 0	7 2	11 4	14 9	6 3	9 3	0 0	48 21		
			- -	- -	1 15	4 26	17 27	26 1	1 19	- -	26 1/ 3		

Table 3 (continued)

Station	Grid Reference	Alt. (m)	1989					1990					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
Forrest Lodge	NX 555866	152	0 0	0 0	1 2	+ 2	6 7	3 1	0 0	0 0		+ 12	
			- -	- -	2 15	2 24	13 28	5 1	- -	- -		13 28/ 2	
Kirkbean	NX 978612	30	0 0	0 0	0 0	0 0	4 2	3 2	2 0	0 0		9 4	
			- -	- -	- -	- -	T 13	3 1	- -	- -		3 1/ 3	
DISTRICT 2 — ENGLAND E & N													
<i>Northumberland</i>													
Boulmer (S)	NU 253142	23	0 0	0 0	0 0	1 0	5 2	2 1	2 1	0 0		10 4	
			- -	- -	- -	- -	2 27	1 2	T 4	- -		2 27/ 2	
Catcleugh	NT 749032	250	0 0	0 0	2 1	2 2	9 12	0 0	1 1	0 0		14 16	
			- -	- -	1 14	4 25	9 27	- -	3 3	- -		9 27/ 2	
Hallington Resr	NY 973762	152	0 0	0 0	3 0	2 0	4 4	1 1	0 0	0 0		10 5	
			- -	- -	- -	- -	4 27	1 1	- -	- -		4 27/ 2	
Haydon Bridge (S)	NY 839645	82	0 0	0 0	0 0	2 0	4 1	3 2	1 0	0 0		10 3	
			- -	- -	- -	- -	2 27	2 1	- -	- -		2 27/ 2	
Whittledene Resr	NZ 064680	116	0 0	0 0	2 1	3 1	6 2	3 0	1 0	0 0		15 4	
			- -	- -	1 13	3 27	3 27	- -	- -	- -		3 27/ 1	
<i>Tyne & Wear</i>													
Killingworth	NZ 282710	76	0 0	1 0	3 0	3 1	4 1	2 0	1 2	0 0		14 4	
			- -	- -	- -	4 28	3 27	- -	5 3	- -		5 3/ 4	
<i>Durham</i>													
Burnhope	NZ 183475	244	0 0	2 1	1 1	2 3	4 2	2 1	1 0	0 0		12 8	
			- -	1 25	1 14	4 29	2 27	2 1	- -	- -		4 29/ 1	
<i>North Yorkshire</i>													
High Mowthorpe (S)	SE 888685	175	0 0	0 0	0 0	+ 1	+ 1	1 3	0 0	0 0		+ 5	
			- -	- -	- -	T 24	1 15	4 1	- -	- -		4 1/ 3	
Leeming (S)	SE 306890	32	0 0	0 0	3 0	6 2	6 0	2 1	1 0	0 0		18 3	
			- -	- -	- -	10 28	- -	T 2	- -	- -		10 28/ 1	
Malham Tarn (S)	SD 894671	381	0 0	1 0	0 0	5 7	6 6	0 0	5 0	0 0		17 13	
			- -	- -	- -	24 28	9 13	- -	- -	- -		24 28/ 1	
Osmotherley	SE 458967	147	0 0	0 0	3 0	2 2	6 1	1 0	1 1	0 0		13 4	
			- -	- -	- -	14 28	1 27	- -	1 3	- -		14 28/ 1	
<i>Humberside</i>													
Sledmere	SE 933648	121	0 0	0 0	5 0	3 1	10 1	3 1	10 0	0 0		31 3	
			- -	- -	- -	1 23	5 28	5 1	- -	- -		5 28/ 2	
<i>Lincolnshire</i>													
Coningsby (S)	TF 224568	6	0 0	0 0	2 0	2 0	5 0	2 0	1 0	0 0		12 0	
			- -	- -	- -	- -	- -	- -	- -	- -		- -	
DISTRICT 3 — EAST ANGLIA													
<i>Norfolk</i>													
Coltishall (S)	TG 262229	18	0 0	0 0	1 0	1 1	4 0	2 1	0 0	0 0		8 2	
			- -	- -	- -	T 24	- -	2 2	- -	- -		2 2/ 3	
Costessey	TG 176121	6	0 0	0 0	1 1	1 1	5 2	3 1	1 0	0 0		11 5	
			- -	- -	T 12	1 24	T 15	T 1	- -	- -		1 24/ 1	
Marham (S)	TF 737091	21	0 0	0 0	1 0	1 1	5 1	2 0	1 0	0 0		10 2	
			- -	- -	- -	T 24	T 15	- -	- -	- -		T 24/ 1	

Table 3 (continued)

Station	Grid Reference	Alt. (m)	1989					1990					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
<i>Cambridgeshire</i>													
Cambridge (S)	TL 434604	24	0 0 - -	0 0 - -	0 0 - -	0 0 - -	1 0 - -	0 0 - -	2 0 - -	0 0 - -	3 0 - -		
<i>Suffolk</i>													
Honington (S)	TL 888750	51	0 0 - -	0 0 - -	0 0 - -	2 0 - -	4 0 - -	2 1 T 2	1 0 - -	0 0 - -	9 1 T 2/3		
Wattisham (S)	TM 026514	89	0 0 - -	0 0 - -	1 0 - -	2 0 - -	5 0 - -	2 1 1 2	0 0 - -	0 0 - -	10 1 1 2/3		
Wingfield	TM 235782	49	0 0 - -	0 0 - -	1 0 - -	1 0 - -	3 0 - -	1 1 1 2	0 0 - -	0 0 - -	6 1 1 2/3		
<i>Bedfordshire</i>													
Woburn (S)	SP 964360	89	0 0 - -	0 0 - -	0 0 - -	0 0 - -	2 0 - -	0 0 - -	0 0 - -	0 0 - -	2 0 - -		
<i>Hertfordshire</i>													
Rothamsted (S)	TL 132134	128	0 0 - -	0 0 - -	0 0 - -	0 0 - -	4 0 - -	0 0 - -	1 0 - -	0 0 - -	5 0 - -		
<i>Essex</i>													
Langham	TM 018339	12	0 0 - -	0 0 - -	0 0 - -	0 0 - -	0 0 - -	0 0 - -	0 0 - -	0 0 - -	0 0 - -		
Layer-de-la-Haye	TL 965196	44	0 0 - -	0 0 - -	1 0 - -	0 0 - -	0 0 - -	1 0 - -	0 0 - -	0 0 - -	2 0 - -		
Rayleigh	TQ 805910	73	0 0 - -	0 0 - -	0 0 - -	0 0 - -	0 0 - -	0 0 - -	1 0 - -	0 0 - -	1 0 - -		
Stansted (S)	TL 531226	101	0 0 - -	0 0 - -	1 0 - -	3 0 - -	2 0 - -	2 0 - -	1 0 - -	0 0 - -	9 0 - -		
DISTRICT 4 — MIDLAND COUNTIES													
<i>West Yorkshire</i>													
Wilsden (S)	SE 088349	262	0 0 - -	0 0 - -	5 4 13 14	5 4 23 24	9 3 T 12	4 2 8 1	4 0 - -	0 0 - -	27 13 23 24/1		
<i>South Yorkshire</i>													
Finningley (S)	SK 659989	10	0 0 - -	0 0 - -	1 1 T 12	3 0 - -	5 0 - -	2 0 - -	1 0 - -	0 0 - -	12 1 T 12/12		
Redmires	SK 262857	338	0 0 - -	0 0 - -	4 7 14 14	4 3 10 28	4 5 4 16	1 2 11 1	2 0 - -	0 0 - -	15 17 14 14/12		
<i>Derbyshire</i>													
Buxton (S)	SK 058734	307	0 0 - -	0 0 - -	0 0 - -	0 0 - -	6 4 2 14	0 0 - -	4 2 2 4	0 0 - -	10 6 2 14/2		
Littleover	SK 335339	71	0 0 - -	0 0 - -	4 2 2 19	1 1 2 24	7 0 - -	2 0 - -	1 1 T 4	0 0 - -	15 4 2 19/12		
<i>Nottinghamshire</i>													
Watnall (S)	SK 503456	117	0 0 - -	0 0 - -	4 2 1 12	4 0 - -	7 1 T 13	2 1 1 1	4 0 - -	0 0 - -	21 4 1 12/12		
<i>Staffordshire</i>													
Hednesford	SK 017123	235	0 0 - -	0 0 - -	1 1 5 18	0 0 - -	5 2 5 26	0 0 - -	0 0 - -	0 0 - -	6 3 5 18/12		

Table 3 (continued)

1989

1990

Station	Grid Reference	Alt. (m)	1989					1990					Season	
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May				
<i>Leicestershire</i>														
Market Harborough	SP 732879	96	0 0	0 0	0 0	1 0	0 0	0 0	0 0	0 0	0 0	1	0	
			- -	- -	- -	- -	- -	- -	- -	- -	- -	-	-	
Stanford	SP 596804	112	0 0	0 0	0 0	1 0	0 0	0 0	1 0	0 0	2	0		
			- -	- -	- -	- -	- -	- -	- -	- -	- -	-	-	
<i>Shropshire</i>														
Shawbury (S)	SJ 553220	72	0 0	0 0	5 0	5 2	6 0	2 0	4 0	0 0	22	2		
			- -	- -	- -	3 28	- -	- -	- -	- -	3	28/1		
<i>West Midlands</i>														
Elmdon (S)	SP 167841	98	0 0	0 0	4 0	2 0	6 0	3 0	1 0	0 0	16	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
<i>Hereford & Worcester</i>														
Longtown	SO 322291	172	0 0	0 0	1 2	4 1	7 0	+ +	0 0	0 0	+	+		
			- -	- -	4 19	3 24	- -	+ +	- -	- -	+	+		
Martley	SO 743598	53	0 0	0 0	2 1	1 1	2 0	1 0	0 0	0 0	6	2		
			- -	- -	3 19	2 24	- -	- -	- -	- -	3	19/12		
<i>Gloucestershire</i>														
Didbrook Fields (S)	SP 048320	80	0 0	0 0	0 0	1 0	0 0	1 0	2 0	0 0	4	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
<i>Oxfordshire</i>														
Brize Norton (S)	SP 292067	81	0 0	0 0	2 0	3 0	6 0	1 0	2 0	0 0	14	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
Shirburn (S)	SU 695971	108	0 0	0 0	3 0	0 0	3 0	0 0	2 0	0 0	8	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
<i>Buckinghamshire</i>														
Little Chalfont	SU 988968	130	0 0	0 0	1 0	0 0	3 0	1 0	1 0	0 0	6	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
DISTRICT 5 — ENGLAND SE & CENTRAL S														
<i>Greater London</i>														
Eastcote	TQ 110881	53	0 0	0 0	0 0	0 0	0 0	0 0	1 0	0 0	1	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
Teddington	TQ 169703	9	0 0	0 0	0 0	0 0	1 0	0 0	1 0	0 0	2	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
<i>Wiltshire</i>														
Lyneham (S)	SU 006782	145	0 0	0 0	1 0	2 0	4 0	1 0	2 0	0 0	10	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
<i>Surrey</i>														
Camberley	SU 867600	66	0 0	0 0	0 0	0 0	1 0	0 0	1 0	0 0	2	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
<i>Kent</i>														
East Malling (S)	TQ 708571	33	0 0	0 0	0 0	0 0	2 0	2 0	1 0	0 0	5	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
Lyminge	TR 138405	182	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
Manston (S)	TR 335666	44	0 0	0 0	0 0	0 0	0 0	2 0	1 0	0 0	3	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
Penshurst Place	TQ 528440	40	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		
Wye (S)	TR 058469	56	0 0	0 0	0 0	0 0	1 0	0 0	3 0	0 0	4	0		
			- -	- -	- -	- -	- -	- -	- -	- -	-	-		

Table 3 (continued)

Station	Grid Reference	Alt. (m)	1989					1990					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
<i>Hampshire</i>													
Southampton (S)	SU 416112	3	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
<i>West Sussex</i>													
Gatwick (S)	TQ 265407	59	0 0	0 0	2 0	1 0	1 0	0 0	0 0	0 0	0 0	4 0	
Washington	TQ 118135	53	0 0	0 0	0 0	0 0	2 0	2 0	1 0	0 0	0 0	5 0	
DISTRICT 7a — ENGLAND NW & ISLE OF MAN													
<i>Cumbria</i>													
Alston	NY 717471	287	0 0	0 0	6 4	7 7	11 7	2 5	5 4	0 0	0 0	31 27	
			- -	- -	7 15	8 27	14 28	16 1	1 17	- -	- -	16 1/3	
Dale Head	NY 313175	189	0 0	0 0	+ 1	+ 1	4 4	2 2	1 1	0 0	0 0	+ 9	
			- -	- -	1 14	1 23	1 12	1 1	1 3	- -	- -	1 14/12	
Ennerdale	NY 085153	117	0 0	0 0	1 0	2 0	2 2	0 0	1 0	0 0	0 0	6 2	
			- -	- -	- -	- -	1 28	- -	- -	- -	- -	1 28/2	
Geltsdale	NY 575537	229	0 0	0 0	4 4	3 0	6 5	1 2	0 0	0 0	0 0	14 11	
			- -	- -	1 13	- -	10 27	9 1	- -	- -	- -	10 27/2	
Haweswater	NY 503159	213	0 0	0 0	2 2	3 2	6 5	2 1	3 1	0 0	0 0	16 11	
			- -	- -	1 12	5 28	6 13	4 1	T 14	- -	- -	6 13/2	
Lanthwaite	SD 165851	44	0 0	0 0	0 0	0 0	2 0	0 0	0 0	0 0	0 0	2 0	
			- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	
<i>Lancashire</i>													
Bacup	SD 847198	404	0 0	0 0	4 6	5 5	7 5	3 2	4 0	0 0	0 0	23 18	
			- -	- -	13 15	10 24	3 13	4 1	- -	- -	- -	13 15/12	
Belmont	SD 692142	247	0 0	0 0	5 2	4 2	6 2	1 0	2 0	0 0	0 0	18 6	
			- -	- -	1 11	8 27	2 28	- -	- -	- -	- -	8 27/1	
Slaidburn	SD 717547	192	0 0	0 0	4 0	8 2	9 1	5 0	8 0	0 0	0 0	34 3	
			- -	- -	- -	10 28	T 15	- -	- -	- -	- -	10 28/1	
Squires Gate (S)	SD 316316	10	0 0	0 0	2 0	4 0	1 0	1 0	1 0	0 0	0 0	9 0	
			- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	
<i>Greater Manchester</i>													
Ringway (S)	SJ 821849	75	0 0	0 0	2 0	3 1	5 0	2 0	2 1	0 0	0 0	14 2	
			- -	- -	- -	1 24	- -	- -	1 4	- -	- -	1 24/1	
Strinesdale	SD 955064	241	0 0	0 0	5 3	+ +	11 0	+ +	+ +	+ +	+ +	+ +	
			- -	- -	8 13	+ +	- -	+ +	+ +	+ +	+ +	+ +	
<i>Cheshire</i>													
Northwich	SJ 656729	14	0 0	0 0	0 0	1 1	2 1	2 2	2 1	0 0	0 0	7 5	
			- -	- -	- -	4 24	1 12	1 27	1 3	- -	- -	4 24/1	
<i>Isle Of Man</i>													
Point Of Ayre (S)	NX 463047	9	0 0	0 0	0 0	0 0	1 0	0 0	0 0	0 0	0 0	1 0	
			- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	
Douglas (S)	SC 381776	85	0 0	0 0	0 0	0 0	5 0	0 0	1 0	0 0	0 0	6 0	
			- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	
Ronaldsway (S)	SC 279687	16	0 0	0 0	0 0	0 0	4 0	4 0	3 0	0 0	0 0	11 0	
			- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	

Table 3 (continued)

Station	Grid Reference	Alt. (m)	1989					1990					Season
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
DISTRICT 7b — WALES N													
<i>Gwynedd</i>													
Dolgellau	SH 732177	27	0 0	0 0	3 1	3 1	0 0	1 1	2 0	0 0		9 3	
			- -	- -	T 4	T 28	- -	3 2	- -	- -		3 2/3	
Nantmor	SH 603463	52	0 0	0 0	0 0	0 0	1 0	0 0	1 1	0 0		2 1	
			- -	- -	- -	- -	- -	- -	T 4	- -		T 4/4	
Pen-y-Bryn Isaf	SH 636513	76	0 0	0 0	1 0	1 0	1 0	1 1	3 0	0 0		7 1	
			- -	- -	- -	- -	- -	T 2	- -	- -		T 2/3	
Valley (S)	SH 309757	10	0 0	0 0	1 0	2 0	3 0	1 0	1 0	0 0		8 0	
			- -	- -	- -	- -	- -	- -	- -	- -		- -	
<i>Clwyd</i>													
Alwen (S)	SH 957529	335	0 0	0 0	3 4	+ 6	+ 1	0 0	2 2	0 0		+ 13	
			- -	- -	18 15	20 28	2 28	- -	3 4	- -		20 28/1	
Llanarmon D C (S)	SJ 156327	267	0 0	1 0	0 0	7 5	10 5	0 0	8 1	0 0		26 11	
			- -	- -	- -	18 28	1 28	- -	12 4	- -		18 28/1	
Moel-y-Crio (S)	SJ 194699	263	0 0	0 0	5 4	8 5	9 2	2 1	8 2	0 0		32 14	
			- -	- -	30 14	25 28	6 28	5 1	2 3	- -		30 14/12	
<i>Powys (North)</i>													
Llanfair Caereinion (S)	SJ 133057	236	0 0	0 0	0 0	2 3	4 1	0 0	4 0	0 0		10 4	
			- -	- -	- -	8 28	T 12	- -	- -	- -		8 28/1	
DISTRICT 8a — WALES S													
<i>Dyfed</i>													
Aberporth	SN 242521	133	0 0	0 0	1 0	2 0	2 0	0 0	2 1	0 0		7 1	
			- -	- -	- -	- -	- -	- -	T 4	- -		T 4/4	
Brawdy (S)	SM 851248	111	0 0	0 0	0 0	1 0	2 0	2 0	1 0	0 0		6 0	
			- -	- -	- -	- -	- -	- -	- -	- -		- -	
Towy Castle	SN 406141	84	0 0	0 0	2 0	2 0	1 0	2 1	3 0	0 0		10 1	
			- -	- -	- -	- -	- -	1 2	- -	- -		1 2/3	
<i>Powys (South)</i>													
Velindre (S)	SO 186371	15	0 0	0 0	3 1	4 0	5 0	3 0	0 0	0 0		15 1	
			- -	- -	4 19	- -	- -	- -	- -	- -		4 19/12	
<i>West Glamorgan</i>													
Penmaen	SS 531889	87	0 0	0 0	1 0	0 0	0 0	1 0	1 0	0 0		3 0	
			- -	- -	- -	- -	- -	- -	- -	- -		- -	
Swansea (S)	SS 642923	10	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0		0 0	
			- -	- -	- -	- -	- -	- -	- -	- -		- -	
<i>Mid Glamorgan</i>													
Cwmbargoed	SO 081062	37	0 0	0 0	2 1	5 2	7 2	4 1	5 0	0 0		23 6	
			- -	- -	2 19	1 24	T 11	T 1	- -	- -		2 19/12	
Merthyr Tydfil	SO 048071	23	+ +	+ +	+ +	3 2	4 5	+ +	+ +	+ +		+ +	
			+ +	+ +	+ +	T 24	T 10	+ +	+ +	+ +		+ +	
<i>South Glamorgan</i>													
Barry	ST 077668	64	0 0	0 0	0 0	0 0	0 0	+ +	+ +	+ +		+ +	
			- -	- -	- -	- -	- -	+ +	+ +	+ +		+ +	
Rhose (S)	ST 066678	65	0 0	0 0	1 0	3 0	1 0	2 0	2 0	0 0		9 0	
			- -	- -	- -	- -	- -	- -	- -	- -		- -	

Table 3 (continued)

1989

1990

Station	Grid Reference	Alt. (m)	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Season
DISTRICT 8b — ENGLAND SW											
<i>Avon</i>											
Long Ashton (S)	ST 535699	51	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
			- -	- -	- -	- -	- -	- -	- -	- -	- -
<i>Somerset</i>											
Hawkridge (S)	SS 877327	31	0 0	0 0	0 0	0 0	0 0	0 0	1 0	0 0	1 0
			- -	- -	- -	- -	- -	- -	- -	- -	- -
Nettlecombe/Birds Hill(S)	ST 057363	28	0 0	0 0	0 0	1 2	1 0	0 0	0 0	0 0	2 2
			- -	- -	- -	1 26	- -	- -	- -	- -	1 26/ 1
Yeovilton (S)	ST 551237	18	0 0	0 0	0 0	0 0	2 0	1 0	1 0	0 0	4 0
			- -	- -	- -	- -	- -	- -	- -	- -	- -
<i>Dorset</i>											
Dorchester	SY 693891	6	0 0	0 0	0 0	0 0	3 0	1 0	0 0	0 0	4 0
			- -	- -	- -	- -	- -	- -	- -	- -	- -
Hurn (S)	SZ 117978	10	0 0	0 0	0 0	0 0	0 0	1 0	0 0	0 0	1 0
			- -	- -	- -	- -	- -	- -	- -	- -	- -
<i>Devon</i>											
Chagford	SX 661866	38	0 0	0 0	0 0	2 2	5 1	0 0	3 0	0 0	10 3
			- -	- -	- -	5 27	3 3	- -	- -	- -	5 27/ 1
Exeter (S)	SY 001933	32	0 0	0 0	0 0	0 0	1 0	0 0	2 0	0 0	3 0
			- -	- -	- -	- -	- -	- -	- -	- -	- -
North Hessary Tor	SX 585735	42	0 0	0 0	0 0	2 1	0 0	1 1	7 0	0 0	10 2
			- -	- -	- -	1 26	- -	1 2	- -	- -	1 26/ 1
Plymouth	SX 514529	49	0 0	0 0	0 0	0 0	1 0	1 0	1 0	0 0	3 0
			- -	- -	- -	- -	- -	- -	- -	- -	- -
Yalland	SX 690628	26	0 0	0 0	0 0	2 0	5 1	1 0	2 0	0 0	10 1
			- -	- -	- -	- -	3 3	- -	- -	- -	3 3/ 2
<i>Cornwall</i>											
Bastreet (S)	SX 244765	23	0 0	0 0	0 0	0 0	0 0	0 0	1 0	0 0	1 0
			- -	- -	- -	- -	- -	- -	- -	- -	- -
Camborne (S)	SW 628407	87	0 0	0 0	0 0	0 0	0 0	1 0	1 0	0 0	2 0
			- -	- -	- -	- -	- -	- -	- -	- -	- -
St Mawgan	SW 871642	10	0 0	1 0	0 0	3 0	6 0	1 0	3 0	0 0	14 0
			- -	- -	- -	- -	- -	- -	- -	- -	- -

Figure 2 (continued)

Days when snow cover was possibly obscured by low cloud are shown by a black dot below 0 metres

October 10 20 31 November 10 20 30 December 10 20 31 January 10 20 31 February 10 20 28 29 March 10 20 31 April 10 20 30 May 10 20 31

Number of days when snow was seen to be lying Oct – May (days)

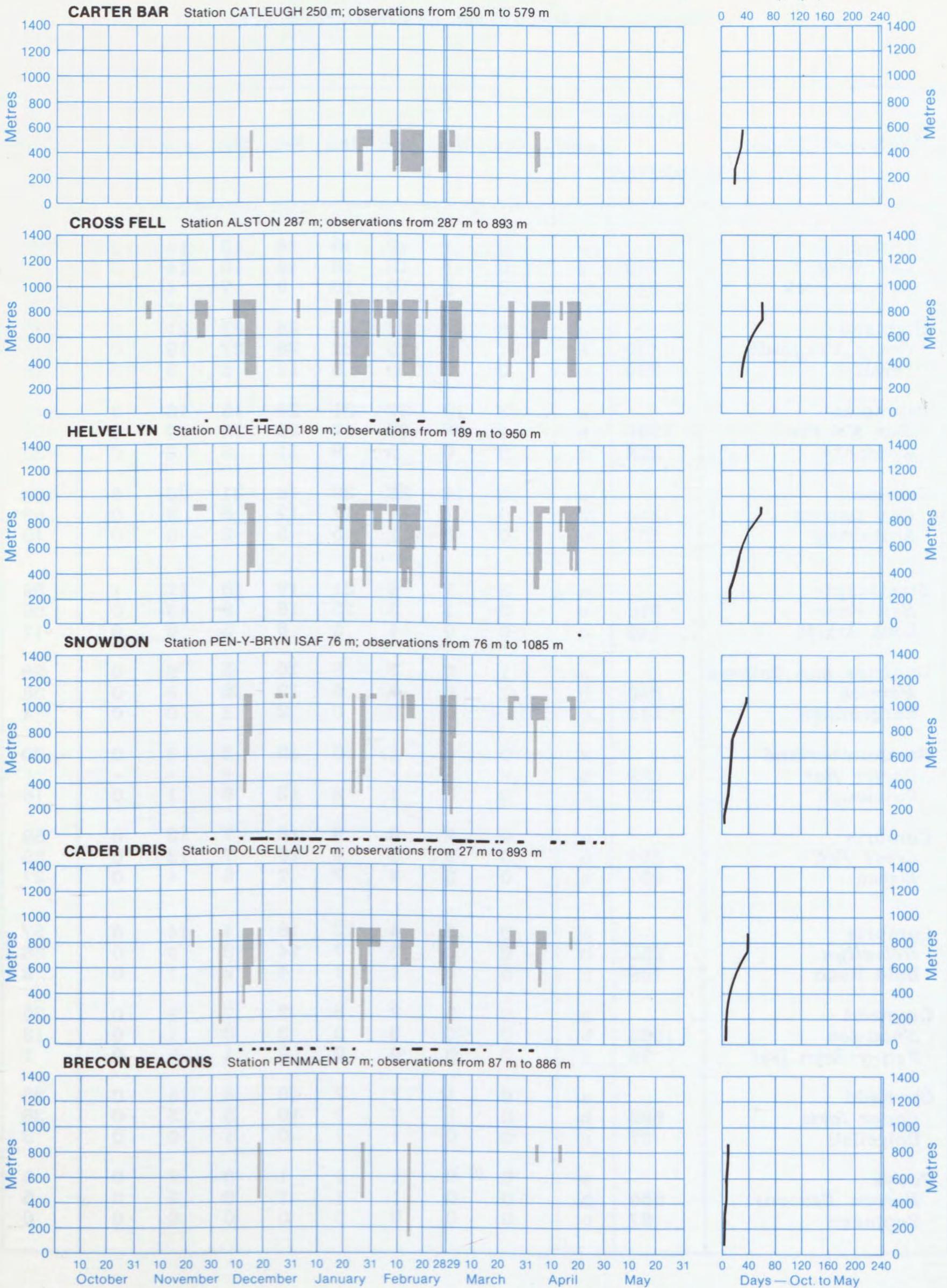


Table 4 Number of days with snow observed to be lying in the mountains

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

See Figure 2 for days when mountains were obscured

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

Peak and Station	Altitude (metres)	Level	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
Highland		a	0	1	12	18	18	10	14	0	73
<i>Cul Beag</i>	749	b	0	1	12	18	18	10	14	0	73
Knockanrock	244	c	0	0	0	10	9	7	4	0	30
Highland		a	5	17	22	23	28	27	21	0	143
<i>Craeg Meagaidh</i>	1130	b	1	5	15	22	28	27	19	0	117
Fersit	259	c	0	0	0	8	12	5	3	0	28
Grampian		a	3	19	27	31	26	15	16	3	140
<i>Ben Macdui</i>	1309	b	1	16	23	17	26	12	10	0	105
Aviemore	228	c	0	0	5	9	11	3	2	0	30
Tayside		a	5	14	29	29	18	31	30	8	164
<i>Ben Lawers</i>	1214	b	0	1	11	17	17	8	9	0	63
Ardtalnaig	130	c	0	0	1	5	5	2	0	0	13
Strathclyde		a	0	7	6	21	19	18	17	1	89
<i>Ben Vane</i>	916	b	0	1	3	15	18	9	13	0	59
Loch Arklet	146	c	0	0	1	5	8	3	0	0	17
Dunfries and Gallowa		a	1	0	7	6	10	5	9	0	38
<i>Merrick</i>	843	b	1	0	7	6	10	5	9	0	38
Bargrennan	110	c	0	0	0	0	2	2	0	0	4
Northumberland		a	0	0	1	10	15	2	2	0	30
<i>Carter Bar</i>	579	b	-	-	-	-	-	-	-	-	-
Catcleugh	250	c	0	0	1	2	12	0	1	0	16
Cumbria		a	0	5	9	9	16	7	13	0	59
<i>Cross Fell</i>	893	b	0	5	9	9	16	7	13	0	59
Alston	287	c	0	0	4	7	7	5	4	0	27
Cumbria		a	0	5	4	12	18	4	14	0	57
<i>Helvellyn</i>	950	b	0	0	3	7	14	3	9	0	36
Dale Head	189	c	0	0	1	1	4	2	1	0	9
Gwynedd		a	0	0	7	5	7	7	9	0	35
<i>Snowdon</i>	1085	b	0	0	3	3	3	3	1	0	13
Pen-y-Bryn Isaf	76	c	0	0	0	0	0	1	0	0	1
Gwynedd		a	0	1	7	7	10	6	5	0	36
<i>Cader Idris</i>	893	b	0	1	7	7	10	6	5	0	36
Dolgellau	27	c	0	0	1	1	0	1	0	0	3
Powys		a	0	0	1	1	1	0	2	0	5
<i>Brecon Beacons</i>	886	b	0	0	1	1	1	0	2	0	5
Penmaen	87	c	0	0	0	0	0	0	0	0	0

Snow Survey of Great Britain 1989/90

Correction

It is regretted that, owing to an oversight, part of the text for February and the heading for Table 2 for February were omitted. Please insert after the third paragraph (ending '5 days elsewhere') in the second column on p.3:

February 1990

February was a very mild month and very wet in places.

On the 3rd about 10 cm of level snow accumulated in a narrow band from south Devon to the Chilterns, some roads being blocked, necessitating the use of snowploughs to clear them. On the 8th and 9th much of Scotland had snow in places. On the 11th very wet weather came to many areas, with heavy snow on high ground in Scotland and storm-force winds, once again, around southern and western coasts. Further north showery rain, sleet or snow fell during the evening of the 14th, but amounts were very small in central and north-eastern Scotland. Scotland had further snow showers, mostly in the west and north on the 28th.

The headings for February Table 2 are as follows:

Day	Wick	Knockanrock	Inverawe	Whitehillocks	Edinburgh (Blinkbonny)	Eskdalemuir	Alston	Lanthwaite	Belmont	Sledmere	Buxton	Martley	Marham	Penshurst Place	Dolgellau	Llanfair	Caereinion	Cwmbargoed	Swansea	Exeter	Chagford	Day
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