



SNOW SURVEY OF GREAT BRITAIN 1976/77

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FIGURE I

POSITIONS OF SNOW SURVEY STATIONS 1976/77

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
- NI NORTHERN IRELAND



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 associated with stations which submit rainfall or other weather information to the Meteorological Office and, for simplicity, it is assumed in the majority of cases that 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 1976 have been incorporated as brief notes in the text.

Observers report days on which snow or sleet (a mixture of snow and rain or drizzle) is known to have occurred at the station at some time, and days with snow lying and the total depth of undrifted snow at the station, normally at about 09 GMT. Observers also send, where possible, notes on snow cover in the surrounding hills or mountains at various heights (at intervals of about 150 metres (m)) 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.

As an aid in writing the text the reports from the special Snow Survey network have been supplemented by snow information given by stations sending monthly climatological returns to the Meteorological Office. Lack of space precludes the inclusion of all this extra information in this report but certain snow data for these stations are given in the Monthly Weather Report of the Meteorological Office published by Her Majesty's Stationery Office. However, data for 26 of these stations have been included in this report in order to fill gaps in the network; these stations are distinguished by a plus sign (+) in Table 3. Use has 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 all those responsible for voluntary observations this report could not have been prepared and thanks are due to all those concerned.

The arrangement of the report is described below.

The figures

Figure I shows the network of special Snow Survey stations together with the 26 stations from the climatological network used to improve the coverage. Figure I also shows the new county boundaries and the climatological districts (identical with those used in the Monthly Weather Report) referred to in Table 3. Figure II illustrates the variation in duration and extent of snow cover with height observed from 12 named stations.

The text

The first part of the text summarises month by month the snow observations made in Scotland during the summer of 1976. The main report commences with a general description of the 1976/77 snow season in terms of the total number of days with snow falling and lying. Notes on each individual month then follow; these include details of mean temperature, total precipitation, times of snowy periods and frequencies of days of snow falling and snow 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.

The tables

The tables supplement the descriptive text. Table 1 provides a comparison of snow seasons from 1946/47 to 1976/77. 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 the majority of cases data for one month only have been estimated. Dashes indicate no data available. In the columns headed Fort Augustus/Corpach the values up to and including 1969/70 refer to the former station and subsequent values refer to the latter station; similarly for the columns headed Braemar/Balmoral where the change-over season is 1958/59. Lake Vyrnwy replaced Llandrindod Wells in 1975 and this season Little Rissington and Newton Abbot have been replaced by Boscombe Down and Exeter respectively.

Table 2 gives daily depths of snow in centimetres (cm) at a selection of stations most of which are the same as in Table 1.

Table 3 is the main table in the report and gives for each station in Figure I four values each month and for the season. These values are:

1. Number of days when snow fell at the station
2. Number of days when snow was lying at the station
3. A measurement of the maximum depth of undrifted snow lying at the station.
4. 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 3 stated levels observed from a selection of stations whose data are fully plotted in Figure II. It should be noted that values in this table do not include days when the mountains were obscured by low cloud etc; these days are indicated in Figure II.

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Notes on snow observations on Scottish mountains - Summer 1976

June 1976

No snow was reported as falling on the Scottish Highlands. Patches of snow remained above 1000m mainly in gullies and sheltered areas.

July 1976

Some sleet was reported on the high ground of the Cairngorm range on the 31st. Only a few patches of snow remained on the peaks.

August 1976

No snow was reported

September 1976

Snow and sleet fell on the high ground in Scotland on the 1st and the 8th and 9th and lay above 1200m until about the 20th. During the second week snow lay down to 600m in places. Drifts of 90cm were reported at 750m in the Cairngorms on the 12th.

MAIN REPORT - OCTOBER 1976 to MAY 1977

General

Number of days with snow (or sleet) falling.

Over Great Britain as a whole there were more days of snow or sleet falling during the 1976/77 season than in the previous season and nearly 20 per cent more than the 1941-70 average. This is the first season since 1969/70 when the incidence of snow falling was above the average. December was a particularly snowy month; more days of snow being recorded at places in Scotland than for 60 years. April was also outstanding for the number of days of snow or sleet in Shetland, Orkney and the highlands of Scotland. On the peaks in the Cairngorm range snow fell on about 140 days. Generally over the high ground of the Scottish highlands snow fell on about 100 days. On 50-60 days snow fell over the Southern Uplands, the Pennines and the high ground of north Wales and on the lower ground in eastern Scotland, while about 40 days of snow were recorded on the low ground of northwest Scotland and in the Western Isles. Snow fell in East Anglia, and on Dartmoor and Exmoor on about 30 days but generally over southern England there were about 10-20 days with snow or sleet.

Number of days with snow lying

The snow cover was much more extensive than in the previous season; about twice the number of days at some places. Over the high ground the number of days with snow lying was in excess of the 1941-70 average, by as much as 50 per cent in northern Scotland. On the lower ground the snow did not lie so long and for Great Britain as a whole the frequency of days of snow cover was about 75 per cent of the normal. In the highlands of Scotland snow lay for about 200 days above 900m. At levels of about 400m there was snow cover for about 80 days generally but as many as 130 days in the Cairngorms, and less than 40 days in the west of the region. At sea level there were 30-40 days with snow lying in northern Scotland and 10-20 days in southern areas. In the Cambrian mountains there were about 100 days of snow cover on the high peaks and generally about 50 days with snow lying at levels of about 400m. Snow remained on the lower ground for 10-15 days except in the southwest of Wales where it remained for less than 5 days. There were about 60 days

of snow cover over the Pennines and northeast England although on the higher peaks in the Lake District snow remained for about 100 days on sheltered north facing slopes. Between 5 and 10 days of snow cover were reported over most of the low-lying areas of northern England, the Midlands and East Anglia but elsewhere snow cover occurred on less than 5 days.

October 1976

Temperatures were generally about average; a little below average in the west of Britain and in the mountainous areas of east Scotland. Except for parts of west Scotland and Cumbria precipitation was above average; more than twice the normal amount fell in eastern areas of England and Wales.

A few scattered sleet showers occurred on the first few days and some snow or sleet fell over the high ground in Scotland during the second half of the month. A few sleet showers were reported over the high ground in north England and north Wales.

In Scotland snow lay above 1200m on about 15 days and down to 900m on about 7 days. No snow cover was reported below 600m in Britain.

November 1976

Temperatures were above average in northern Scotland, Shetland and Orkney and the Western Isles, but in most other areas they were slightly below average. Precipitation was less than half the average in northeast Scotland and northeast England. Western Scotland and the extreme west of England and Wales had above average precipitation, more than 150 per cent of average in some areas.

On the first few days snow or sleet showers fell on the higher ground in Scotland and northern England. Northern Scotland had snow or sleet during the third week and on the 29th and 30th snow was widespread over the northern half of Britain and over the high ground in Wales and southwest England. Blizzards on the 29th produced undrifted depths up to 20cm in the north Pennines and Lake District.

There were however fewer days of snow or sleet than normal. At Eskdalemuir, (Dumfries and Galloway) it was the first November without snow since 1960. In Shetland and on the high ground of the highlands of Scotland there were generally 4-7 days with snow or sleet, although 10-12 days of snow occurred in the Grampians. Over the rest of the country there were less than 5 days with snow or sleet, many low lying areas and most of southern England having no snow or sleet at all.

Over the higher ground of the Scottish highlands there was snow cover for 10-20 days but on a few peaks in the Grampians snow remained all month. At levels of about 600m in N Scotland there was snow lying on 5-8 days with up to 15 days in central areas. In the Southern Uplands the higher ground had about 3 days snow cover but most parts had no snow lying. In the Lake District there were about 6 days with snow lying and on the high peaks of north Wales snow lay for about 10 days. Elsewhere in Britain little or no snow lay.

December 1976

Temperatures were below average everywhere. It was the coldest December generally since 1950. Precipitation amounts varied considerably. More than 150 per cent of average occurred in east Scotland and the southeast Midlands, but much of northwest Scotland, northwest England and Wales had less than half the normal amount and many places in the Scottish highlands had less than 35 per cent of average.

Snow or sleet fell in all areas of Britain during the first week, around mid-month and on the last few days. Heavy falls occurred in many places in Scotland; a level depth of 26cm was recorded at Knockanrock (Highland Region) on the 11th and 25 cm at Whitehillocks (Tayside) on the 20th. Many places in southern Scotland had depths of more than 20cm on the 18th and 19th and at Hopes (Lothian) drifts of 1.5m were recorded. Blizzards occurred in the Scottish highlands on the 29th and 30th causing drifting in many places and roads were blocked. Drifts of 1 to 2m were reported at Ollaberry (Shetland Islands). A number of places in England and Wales reported depths of 10cm or more between 17th and 20th; Biddenden (Kent) reported a depth of 13cm on the 21st.

There was above average snowfall over most of Britain. In many places in Scotland more snow fell than in the past 20 Decembers. Snow fell on 5 days or less in western Scotland and on 10-20 days over most of the rest of Scotland including the Shetland Isles, but on the higher regions of the Grampians 20-30 days of snow were recorded. There were 6-12 days of snow or sleet on the low ground of northern England (but less than 5 days in the extreme west) and 15-20 days of snow on the Pennines. In Wales there were generally 5-10 days with snow or sleet, but over the high ground of north Wales 15-20 days of snow occurred. 6-10 days of snow fell in Norfolk and on the high ground of SW England but elsewhere there were less than 5 days with snow or sleet.

Some places in Scotland reported the snow lying longer in this month than in any December for the past 60 years. Snow lay all month on the high ground in Scotland and Wales and on the north Pennines. In the Grampians snow lay all month down to about 450m, while in the Northwest Highlands at this level snow lay for 25-30 days. In northwest Scotland, on the low ground, there was snow cover on about 4-6 days, but in the Southern Uplands and in north England it lay for 10-15 days at the lower levels. In the Lake District and the north Pennines the snow cover at 600m was very variable from about 10 days to 31 days. Although in most other parts of England snow lay for less than 5 days, on some central and more elevated areas there was snow cover for up to 20 days. In Wales little snow lay on the low ground; at about 450m there were 10-15 days with snow cover increasing to about 25 days in the north, and on the highest peaks the snow cover remained all month.

January 1977

Mean temperatures were very variable during the month, but on the whole they were about average in all parts of Britain except for South Scotland and north England where they were below average. Precipitation was above average generally (more than 150 per cent of average fell in southeast Scotland and East England). However in western Scotland, northwest England and Wales the precipitation was below average, places in the Great Glen having less than half the normal amount.

Snow or sleet fell during the first few days of the month in most areas. During the second week there were heavy falls in many areas with drifting on the higher ground. In the Grampians undrifted depths of 45cm were reported lasting for 2 or 3 days, with drifts up to 3m. Other undrifted depths recorded were 40cm at Catcleugh (Northumberland), 26cm at Alwen (Clwyd), 20cm at Marham (Norfolk) and 19cm at Hawkridge (Somerset). Drifts of more than 1m were recorded in many places. Snow or sleet fell during the third week over the high grounds of the Central Highlands, in south Scotland, north England and Wales and over the more elevated regions in southwest England. On the last few days snow was again widespread.

Generally the incidence of snowfall was about average but in Shetland, the higher regions of the Grampians, the Southern Uplands and the northern Peninnes and also in East Anglia the number of days with snow exceeded the average. Snow fell on 15-20 days in Shetland and the higher regions of the Grampians. Over the rest of the high ground in Scotland snow fell on 10-15 days; on the lower ground there was snow on about 8 days in the east and on 4-6 days in the west. In the north of England there were generally 8-10 days with snow or sleet but up to 20 days on

the Pennines. In Wales there were 15-20 days with snow on the higher ground in the north and 5-10 days in the south. There were 10-15 days of snow or sleet in East Anglia and about 8 days with snow on the higher parts of southwestern England. Over the rest of England and Wales there were about 5 days or less of snow or sleet.

Snow was persistent for the whole month on the more elevated regions of Britain but little snow lay at the lowest levels. Down to 600m in Scotland there was snow lying for 20-25 days generally although in some central areas it remained for the whole month. On the low ground in the north and east of Scotland snow lay for 10-20 days but elsewhere in Scotland for less than 5 days. There were 15-20 days of snow cover in the Lake District and down to levels of about 450m in England and Wales, while in East Anglia there were about 10 days with snow cover. Over the rest of England and Wales snow lay on less than 5 days.

February 1977

Mean temperatures were above average in all areas except central and northern Scotland. Northwest Scotland and the Islands had below average precipitation; less than half the normal amount fell in some places. The rest of Britain had more than average precipitation; more than three times the normal amount in the extreme east of Scotland and in north Wales, and more than four times the normal in the north Midlands.

Snow fell on the 1st and 2nd in all areas except southwestern England, and during the second week in Scotland and northern England. During the 17th to 19th there was snow over the high ground in the Grampians, Southern Uplands, the Pennines and Wales. From the 20th sleet or snow showers occurred in all areas of Britain and were particularly prevalent from the Great Glen to Lancashire/Yorkshire on the last two days of the month.

Days of snowfall were rather less frequent than normal over most of the country; only over the high ground of Central Scotland and Wales were they greater than normal. Generally in Scotland there were about 10-15 days of snow, although snow fell on only 5-10 days in the east and on less than 5 days in the west. On the high ground of the Grampians there were 20-25 days of snow. Over the high ground of the north Pennines and in north Wales there were 10-15 days of snow, and in the south Pennines, most of Wales, the northern parts of East Anglia and the higher regions of Dartmoor snow or sleet fell on 5-8 days. The remainder of England had less than 5 days with snow or sleet.

Snow covered the high ground in the Scottish Highlands and some of the highest peaks in the Southern Uplands all month. In some central areas snow remained down to about 600m throughout the month, although generally at this level there was snow cover for 10-20 days. On the low ground snow did not lie for more than 5 days except in Shetland and north and east Scotland where the ground was covered for 6-8 days. Although snow was reported all month in sheltered areas on the north face of Cross Fell (Cumbria) generally in northern England snow lay only for 10-15 days on the high ground and on less than 5 days on the low ground. In Wales the snow cover varied from 5 to 15 days on the higher ground but areas on the north face of Brecon Beacons (Powys) retained a cover of snow throughout the month. On the low ground in Wales and over most of southern England snow only lay on one or two days, many areas having no snow lying at all.

March 1977

Mean temperatures were above average in all areas. Precipitation amounts were close to the average, on the whole being slightly below average in north Scotland, north England, parts of Wales and east England and above average elsewhere. More than twice the normal amount fell at places in the Western Isles, the Grampians and the Southern Uplands.

Snow or sleet fell during the first week in Shetland and parts of the higher regions of Scotland, the north Pennines and north Wales; an accumulated depth of 13 cm was recorded at Redmires (South Yorkshire) on the 1st. During the second week there was snow in Shetland and on the Grampian mountains. Snow showers fell in parts of Scotland on the 26th and spread to all areas on the 27th and 28th. Prabost, Isle of Skye, recorded 6cm of undrifted snow on the 28th. Scattered showers of snow or sleet fell in many areas on the last few days of the month accompanied by gale force winds in northern districts.

Snow fell more frequently than is normal over the high ground of the Grampians and north Wales, but elsewhere in Britain the number of falls was about average. Snow or sleet fell on more than 10 days in Shetland and the higher ground of the Central Highlands of Scotland - up to 20 days in some places. There were 7-10 days of snow in northeast Scotland and on the Southern Uplands. In other parts of Scotland there were less than 5 days with snow or sleet, some western areas having no snow at all. On the high ground of the north Pennines, in north Wales and on the higher regions of Dartmoor there were 5-10 days of snow; elsewhere in England and Wales there was little or no snow or sleet.

Snow lay all month on the high peaks of the Scottish Highlands and on a few peaks in the Southern Uplands. Although, on Cairngorm and nearby mountains, snow remained throughout the month down to about 600m, in most places at this level there was snow cover for only 10-15 days. At low levels in Scotland snow remained for 5 days or less. Snow was reported everyday on the north face of Cross Fell (Cumbria) but generally on the high ground of the north Pennines, the Lake District and in Wales there was snow cover on 10-15 days. On the south Pennines and parts of the Midlands and East Anglia there was snow lying on 2 or 3 days, but the rest of England and the low ground in Wales had no snow cover.

April 1977

Mean temperatures were below average in all areas. Precipitation was above average over most of Scotland, in north Wales and over the Pennines, and below average elsewhere. Some places in the Northwest Highlands had 150 per cent of the average precipitation and parts of southeast Scotland and southern England had less than half the normal amount.

Snow or sleet fell on the first few days of the month in the Northwest Highlands and on the more elevated regions in other parts of Britain. Between the 6th and the 9th snow or sleet showers were widespread; heavy showers fell on the 7th when a depth of 13cm of undrifted snow was recorded at Broadford, Isle of Skye, and drifting occurred in the Cairngorms. During the third week there was further snow in Scotland and on the north Pennines and on the last few days snow showers were again widespread in Scotland, Wales and northern England.

Snow fell more frequently than is normal in most areas, especially in the more elevated regions of Britain. Shetland and Orkney had more days of snow than any April for at least the last 30 years. Over the Scottish Highlands there was snow or sleet on 20-25 days but on the lower ground there were only 5-10 days with snow, and in some western areas no snow fell. Over the Southern Uplands generally snow fell on about 5-10 days. On the high ground of the north Pennines there was snow or sleet on 8-12 days, while in England generally snow fell on less than 5 days. In Wales about 5 days with snow or sleet occurred.

There was snow cover on less than 5 days over lowland areas of Britain; in many places snow did not lie at all. In the Highlands of Scotland snow lay on 10-20 days at 600m levels although in the Cairngorms there were some places where the snow remained throughout the month. Snow cover on the higher peaks was very variable; generally in Scotland and the north Pennines there was snow on the ground for the whole month, but in northwest Scotland the snow cover remained only for 26 days and in the Lake District for about 10 days.

May 1977

Mean temperatures were near average in parts of northern Scotland and on the south and west coasts of England and Wales; elsewhere they were below average. Precipitation amounts were below average in most areas except northern Scotland and parts of northeast England. Less than half the normal precipitation fell in Central Scotland, northwest England and north Wales.

Snow or sleet fell on the high ground in Scotland and over Dartmoor on the first few days of the month. On the 13th, 14th and 15th there was snow or sleet over most of the northern half of Britain and also on the high ground of northeast Wales and on Dartmoor.

On the high ground in Scotland snow lay for 18-25 days generally, but in sheltered areas in the Central Highlands the snow remained for the whole month. At lower levels in Scotland there was snow lying for 5-10 days. Snow lay for much of the month in a few sheltered places in the high ground in the north of England but generally less than 5 days of snow cover occurred in England and Wales; over most of the lower ground snow did not lie.

Table 1

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

Season	Total number of days with snow or sleet falling during season										Total number of days with snow lying during season									
	Fort Augustus/Corpach	Braemar/Balmoral	West Linton	Eskdalemuir	Huddersfield Oakes	Buxton	Woburn	Little Rissington/Boscombe Down	Newton Abbot/Exeter	Llandrindod Wells/Lake Vyrnwy	Fort Augustus/Corpach	Braemar/Balmoral	West Linton	Eskdalemuir	Huddersfield Oakes	Buxton	Woburn	Little Rissington/Boscombe Down	Newton Abbot/Exeter	Llandrindod Wells/Lake Vyrnwy
1946/47	4	66	42	65	51	46	34	41	16	38	5	99	66	59	64	71	58	55	13	54
1947/48	25	52	34	49	25	23	13	20	6	20	8	60	25	22	15	33	5	8	4	12
1948/49	-	41	24	31	19	13	7	15	1	6	-	39	10	14	10	12	2	3	0	5
1949/50	-	51	28	46	30	11	7	14	4	10	-	28	20	18	10	7	1	2	1	5
1950/51	-	93	75	79	70	59	29	39	16	38	-	102	65	61	31	48	12	22	10	16
1951/52	23	61	41	45	37	38	20	30	13	27	38	55	38	41	22	38	7	13	5	17
1952/53	19	51	44	44	25	32	26	36	9	16	12	58	34	32	11	25	25	30	4	22
1953/54	24	45	31	36	26	26	14	26	8	14	12	36	26	32	24	29	7	15	14	15
1954/55	28	71	43	52	47	42	28	50	23	24	32	86	58	57	37	52	27	34	8	26
1955/56	31	74	50	54	42	40	23	38	12	23	18	65	46	44	39	40	20	23	15	17
1956/57	17	37	27	34	26	15	12	15	1	10	13	31	15	10	10	12	5	7	0	4
1957/58	36	52	40	48	31	25	19	26	13	17	27	72	32	22	23	23	12	14	8	9
1958/59	15	29	22	25	15	12	7	10	3	10	23	60	29	26	19	26	13	15	2	20
1959/60	20	31	39	38	29	31	13	23	5	18	22	40	29	26	20	30	11	18	4	18
1960/61	14	35	22	33	20	22	7	17	1	3	2	31	8	10	6	10	0	1	1	5
1961/62	36	56	41	67	38	26	17	37	11	16	30	88	43	40	25	29	13	14	6	16
1962/63	26	58	42	62	44	47	42	46	21	26	29	90	86	82	70	74	69	74	42	71
1963/64	18	29	19	40	20	20	14	28	4	8	1	35	12	8	12	17	7	13	2	7
1964/65	28	65	34	63	36	40	20	38	8	19	13	71	31	34	20	34	10	18	6	14
1965/66	28	84	46	87	53	37	18	36	7	15	18	93	46	37	39	38	9	13	2	18
1966/67	22	64	25	82	26	28	4	31	1	13	13	53	19	20	7	14	1	8	0	0
1967/68	26	48	35	66	30	39	23	41	8	24	27	78	43	51	22	44	14	21	4	21
1968/69	21	74	24	71	51	34	24	42	11	26	25	83	32	35	53	50	18	22	8	17
1969/70	28	69	32	96	63	53	34	52	14	42	36	96	25	35	40	50	25	26	1	32
1970/71	6	34	21	46	25	16	17	29	8	17	3	28	22	19	10	23	6	17	6	9
1971/72	10	32	20	52	34	27	11	43	7	23	1	29	12	16	12	12	1	11	1	8
1972/73	22	38	19	54	28	23	9	28	5	20	11	44	12	27	15	17	2	5	6	9
1973/74	22	57	20	58	27	28	8	30	5	12	21	49	10	17	9	13	0	6	0	3
1974/75	11	38	21	56	30	31	18	37	13	-	3	37	5	15	3	6	3	6	0	-
1975/76	10	50	11	53	26	31	9	24	6	29	4	38	6	12	2	11	4	4	1	15
1976/77	26	46	30	72	46	51	19	18	15	51	5	67	42	47	31	43	7	4	1	34

Table 2

Daily depth of snow (cm) at selected stations

(The entry T indicates that the depth of snow was less than 0.5cm)

November 1976										Day	December 1976									
Lairg	Grantown-on-Spey	West Linton	Eskdalemuir	Huddersfield Oakes	Buxton	Woburn	Boscombe Down	Exeter	Lake Vyrnwy		Lairg	Grantown-on-Spey	West Linton	Eskdalemuir	Huddersfield Oakes	Buxton	Woburn	Boscombe Down	Exeter	Lake Vyrnwy
There were no reports of snow lying at these stations for October 1976										1	1	T	1	1	1					T
										2	1		3	1		1				T
										3	1		3							T
										4	1	8	8							T
										5	3	9	9	1						T
										6	3	9	*	11		4				
										7	3	9	*	8						
										8	3	9	*	8						
										9	3	9	3	8						
										10	5	9	5	9						
										11	7	17	6	9		T				
										12	5	15	*	9						
										13	3	12		8						
										14	3	9		7						
										15	2	8		6						
										16	2	8		10	2	2				4
										17		8	4	18	7	6	6			6
										18		9	*	19	3	7	4			6
										19		9	*	19	3	7				9
										20		10	5	21	5	9				8
										21		8		8	2	3				6
										22				5						6
										23										
										24										
										25		T								
										26						1				
										27										
										28	5	8	3	T		3	3	1		
										29	11	15	4	T		3	2	1		
										30	8	15	*	3		2	T			
1										31	7	14	2	10						1

* Snow lying, but no depths available on these dates.

Table 2 (continued)

January 1977										Day	February 1977									
Lairg	Grantown-on-Spey	West Linton	Eskdalemuir	Huddersfield Oakes	Buxton	Woburn	Boscombe Down	Exeter	Lake Vyrnwy		Lairg	Grantown-on-Spey	West Linton	Eskdalemuir	Huddersfield Oakes	Buxton	Woburn	Boscombe Down	Exeter	Lake Vyrnwy
8	13	*	10	1	2				1	1	T	2	*	5	1	3	2			8
8	13	*	10		7				1	2	2	2		7						4
8	13		10		7				1	3			*							
5			6		7				1	4										
										5		2								
T										6										
1	8	*	1		5				1	7	1									
11	26	*	2		9		T		3	8	8	2								
10	27	*	1		9			T	3	11	8	6			1	1				
10	27	*	1		7				4	12	8	6		T						
18	26	*	4	25	32	T	T		20	13	8	3								
18	43	*	2	15	25				15	14	6									
15	41	*	2	10	27				19	15	3					3				
15	38	*	2	10	23				19	16										
15	38	*	1	10	25				22	17										
15	38	*	6	11	22				22	18										
14	35	*	1	7	15				15	19						2				4
4	18	*		5	8					20					1					
	12	*		3						21										
	*	*								22	T									
	*	*								23	T	1			2					4
	*	*								24	T	2			8	1				
										25		2			12	6				
										26		*			16	8				
										27					12	4				
T	1	*	T	2	2				T	28					9	2				
T	1	*		1						29										
T	2									30										
1	2	*	5	1					T	31										

*Snow lying, but no depths available on these dates.

Table 2 (continued)

March 1977										Day	April 1977									
Lairg	Grantown-on-Spey	West Linton	Eskdalemuir	Huddersfield Oakes	Buxton	Woburn	Boscombe Down	Exeter	Lake Vyrnwy		Lairg	Grantown-on-Spey	West Linton	Eskdalemuir	Huddersfield Oakes	Buxton	Woburn	Boscombe Down	Exeter	Lake Vyrnwy
			1	8						1										
				4						2		*								
										3										
										4										
										5										
										6										
										7	5	7				1				3
										8		6								
										9		7								
										10										
										11										
										12										
										13										
										14						1				
										15										
										16										
										17										
										18										
										19										
										20										
										21										
										22										
										23										
										24										
										25										
4	2		1							26										
3	3									27										
										28										
										29										
			1							30		2								
					1					31										

There were no reports of
snow lying at these
stations for May 1977

*Snow lying, but no depth available

Table 3

Number of days with snow falling, snow lying and maximum depth (cm) with date, during the month/season

The figures are arranged in a set pattern as in the following example:

10 6
5 8

This means that snow fell at the station on 10 days and that half or more of the ground in the immediate neighbourhood was snow covered on 6 days; 5 cm was the greatest depth of accumulated snow observed and this depth was first measured on the 8th. An asterisk (*) indicates that data were missing or that they were incomplete; D indicates that no snow depth was measured because of excessive drifting; T indicates that the depth of snow was less than 0.5 cm.

District, County & Place with Altitude & Grid Reference	1976			1977					Season	
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
DISTRICT 0 - SCOTLAND N										
Shetland Islands										
Mossy Hill 229m HU396 203	0 0 - -	4 2 1 29	17 11 4 27	14 14 3 1	9 4 5 12	2 0 - -	5 3 1 16	0 0 - -	51 34 5 12/2	
Ollaberry 226m HU333 836	0 0 - -	5 2 T 22	21 17 13 19	22 14 D -	15 13 18 2	11 4 D -	23 7 D -	3 0 - -	100 57 * *	
Western Islands										
Benbecula ⁺ 6m NF782 555	0 0 - -	3 0 - -	16 4 1 2	12 6 4 1	7 0 - -	2 0 - -	6 0 - -	0 0 - -	46 10 4 1/1	
Stornoway ⁺ 3m NB459 332	0 0 - -	2 0 - -	11 2 1 10	10 3 1 12	6 0 - -	2 0 - -	8 0 - -	1 0 - -	40 5 1 10/12	
Highland										
Achnagoichan 305m NH913 082	0 0 - -	4 2 1 3	12 21 10 29	9 25 D -	3 9 8 24	4 6 5 27	16 5 3 10	3 0 - -	51 68 * *	
Achnashellach 67m NHO38 492	0 0 - -	3 1 5 30	14 24 20 10	7 14 5 14	5 2 4 1	3 0 - -	8 11 2 7	3 0 - -	43 42 20 10/2	
Ardross 171m NH629 737	3 1 T 22	4 3 T 21	8 24 7 4	* * * *	7 7 34 13	2 2 T 27	9 5 T 2	0 0 - -	* * * *	
Braemore 155m NDO69 304	0 0 - -	3 2 1 22	14 12 22 29	15 19 16 15	1 0 - -	7 2 3 28	20 6 3 8	2 1 T 13	62 42 22 29/12	
Broadford 30m NG649 228	0 0 - -	1 0 - -	4 4 5 28	3 5 3 2	2 0 - -	3 0 - -	6 1 1 7	0 0 - -	19 10 5 28/12	
Cassley 99m NC396 232	0 0 - -	2 0 - -	16 20 10 30	7 21 14 1	3 8 8 1	2 2 2 27	2 2 8 8	0 0 - -	32 53 14 1/1	
Corpach ⁺ 8m NNO80 764	0 0 - -	2 0 - -	10 3 4 10	7 2 1 15	2 0 - -	1 0 - -	4 0 - -	0 0 - -	26 5 4 10/12	

Table 3 (continued)

District, County & Place with Altitude & Grid Reference	1976			1977					Season
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
Fairburn 152m NH455 528	0 0 - -	0 0 - -	* * * *	* * * *	* * * *	* * * *	* * * *	* * * *	* * * *
Fersit 259m NN351 782	0 0 - -	* * * *	22 23 15 31	15 18 18 30	19 6 10 1	* * * *	19 4 3 3	1 0 - -	* * * *
Fort William 27m (Br.Al) NN130 751	0 0 - -	0 0 - -	3 4 4 10	6 6 2 30	0 0 - -	0 0 - -	1 1 1 7	0 0 - -	10 11 4 10/12
Glenferness 213m NH937 430	0 0 - -	0 0 - -	7 7 10 29	8 10 13 10	11 12 10 1	* * * *	11 11 5 8	0 0 - -	* * * *
Glenshero Lodge 268m NN562 929	0 0 - -	6 2 1 30	16 25 10 30	14 19 15 11	11 9 6 1	7 1 1 28	15 8 5 7	3 0 - -	72 64 15 11/1
Grantown-on-Spey ⁺ 229m NJ039 285	0 0 - -	2 0 - -	12 23 17 11	12 23 43 15	8 11 6 12	6 2 3 28	12 5 7 7	2 0 - -	54 64 43 15/1
Inverpolly 14m NC074 134	0 0 - -	0 0 - -	8 2 3 29	9 15 8 31	2 1 * *	2 2 1 28	4 0 - -	0 0 - -	25 20 * *
Isle of Rhum 5m NM402 996	0 0 - -	1 1 T 30	3 9 * *	1 5 10 11	2 2 3 1	3 0 - -	0 0 - -	0 0 - -	10 17 * *
Kinlochewe 23m NH024 630	0 0 - -	0 0 - -	9 * * *	7 10 3 11	2 1 10 1	2 0 - -	8 1 1 7	2 0 - -	30 * * *
Knockanrock 244m NC187 088	0 0 - -	5 1 2 30	16 28 26 11	14 19 23 11	9 19 20 1	3 2 3 28	* * * *	* * * *	* * * *
Lairg ⁺ 107m NC578 055	0 0 - -	4 1 1 30	18 20 11 29	18 21 18 14	18 11 8 11	6 2 4 27	10 1 5 7	0 0 - -	74 56 18 14/1
Morar 16m NM688 922	0 0 - -	2 0 - -	4 1 1 28	4 2 2 2	1 0 - -	0 0 - -	4 1 4 7	0 0 - -	15 4 4 7/4
Muir of Ord 46m NH527 500	0 0 - -	0 0 - -	8 18 3 30	8 18 6 15	4 9 8 12	1 1 T 28	3 2 1 7	0 0 - -	24 48 8 12/2
Prabost 67m NG418 501	0 0 - -	0 1 T 30	10 13 5 28	9 15 11 31	5 4 11 1	2 2 6 28	7 3 1 3	0 0 - -	33 38 11 31/1
Ratagan 4m NG919 197	0 0 - -	0 0 - -	* * * *	* * * *	* * * *	0 0 - -	0 0 - -	0 0 - -	* * * *
Wick ⁺ 36m ND364 522	0 0 - -	1 0 - -	12 6 6 29	11 8 5 29	10 2 3 1	4 0 - -	9 0 - -	1 0 - -	48 16 6 29/12
DISTRICT 1 SCOTLAND E									
<u>Grampian</u>									
Balmoral ⁺ 283m NO260 946	0 0 - -	2 1 T 23	14 28 * *	10 22 * *	9 10 * *	4 3 * *	7 3 * 7	0 0 - -	46 67 * *

Table 3 (continued)

District, County & Place with Altitude & Grid Reference	1976			1977					Season
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
Derry Lodge 427m NO036 932	0 0 - -	11 4 1 28	29 31 D -	19 31 D -	22 28 15 22	19 13 10 1	22 13 18 8	10 2 T 13	132 122 * *
Dinnet 177m NJ446 025	0 0 - -	0 0 - -	* * * *	* * * *	* * * *	3 2 5 28	7 2 6 8	0 0 - -	* * * *
Drummuir 189m NJ372 441	0 0 - -	1 0 - -	15 25 10 4	11 15 34 15	12 7 23 12	6 3 4 27	11 2 4 8	1 0 - -	57 52 34 15/1
Glenlatterach 151m NJ200 546	0 0 - -	1 0 - -	17 15 13 4	9 13 20 16	6 7 20 13	3 0 - -	0 0 - -	0 0 - -	36 35 20 16/1
Rochomie 94m NJ441 633	0 0 - -	0 0 - -	6 16 10 29	6 11 8 13	6 6 13 13	4 2 4 27	2 2 2 7	0 0 - -	24 37 13 13/2
<u>Tayside</u>									
Ardtalnaig 130m NN702 394	0 0 - -	0 0 - -	14 13 5 6	8 11 6 14	9 2 2 1	2 0 - -	5 0 - -	0 0 - -	38 26 6 14/1
Blair Castle 137m NN864 658	0 0 - -	2 2 T 28	8 8 20 29	8 5 14 14	3 1 1 1	1 1 3 27	2 2 3 7	0 0 - -	24 19 20 29/12
Brig O'Turk 84m NN537 063	0 0 - -	1 1 3 30	9 9 8 7	5 5 16 19	2 2 5 2	0 0 - -	1 1 1 28	0 0 - -	18 18 16 19/1
Loch Vennachar 84m NN598 063	0 0 - -	0 0 - -	6 15 4 6	3 8 14 19	2 3 4 2	0 0 - -	0 0 - -	0 0 - -	11 26 14 19/1
Rannoch 204m NN531 582	0 0 - -	2 1 T 30	6 11 5 6	* * * *	* * * *	* * * *	* * * *	* * * *	* * * *
Stronachlachar 117m NN401 103	0 0 - -	1 1 5 30	6 18 9 31	5 6 6 18	3 3 4 2	0 0 - -	1 1 1 28	0 0 - -	16 29 9 31/12
Whitehillocks 258m NO448 800	0 0 - -	1 0 - -	13 28 36 31	10 21 46 17	7 1 12 12	7 4 2 28	15 2 10 7	1 0 - -	54 66 46 17/1
<u>Fife</u>									
Leuchars ⁺ 10m NO468 208	0 0 - -	1 0 - -	12 3 4 4	9 5 7 13	9 2 5 12	3 0 - -	5 0 - -	0 0 - -	39 10 7 13/1
Loch Leven 122m NT158 988	0 0 - -	0 0 - -	* * * *	* * * *	* * * *	1 0 - -	* * * *	* * * *	* * * *
<u>Lothian</u>									
Cramond 26m NT180 758	0 0 - -	0 0 - -	8 13 8 4	8 4 2 19	5 1 1 12	1 0 - -	5 0 - -	0 0 - -	27 18 8 4/12
Hopes 247m NT551 622	0 0 - -	1 1 T 29	13 12 D -	11 11 D -	11 1 1 1	8 1 1 26	8 0 - -	0 0 - -	52 26 * *
Hungry Snout 218m NT665 633	0 0 - -	2 0 - -	10 31 20 18	9 26 D -	11 10 4 12	8 4 2 27	6 3 T 6	0 0 - -	46 74 * *

Table 3 (continued)

District, County & Place with Altitude & Grid Reference		1976			1977					Season
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
<u>Borders</u>										
Baddingsgill	335m	0 0	3 2	21 21	11 11	8 3	5 5	8 7	4 0	60 49
	NT126 554	- -	3 30	D -	D -	D -	3 27	1 28	- -	* *
Broughton	226m	0 0	2 0	13 16	9 16	12 3	3 1	7 2	0 0	46 38
	NT123 296	- -	- -	8 17	12 15	2 1	1 27	1 3	- -	12 15/1
Newcastleton	105m	0 0	1 0	12 0	10 0	2 2	1 0	3 0	0 0	29 2
	NY479 870	- -	- -	- -	- -	T 27	- -	- -	- -	T 27/2
Portmore	305m	0 0	1 1	19 31	6 31	5 28	10 2	15 0	2 0	58 93
	NT260 507	- -	1 30	10 4	D -	3 11	1 27	- -	- -	* *
Sourhope	221m	0 0	0 0	8 27	9 24	4 3	4 3	2 2	1 0	28 59
	NT843 203	- -	- -	20 4	D -	1 12	4 28	6 7	- -	* *
West Linton ⁺	244m	0 0	0 0	13 20	8 20	4 2	1 0	4 0	0 0	30 42
	NT150 520	- -	- -	9 5	* *	* *	- -	- -	- -	* *
DISTRICT 6 - SCOTLAND W										
<u>Strathclyde</u>										
Inverawe	23m	0 0	4 0	15 6	10 1	11 1	4 0	13 0	2 0	59 8
	NNO21 316	- -	- -	3 2	1 30	3 1	- -	- -	- -	3 2/12
Lanark	152m	0 0	0 0	6 12	6 12	3 4	3 0	3 0	0 0	21 28
	NS875 434	- -	- -	3 4	10 16	1 1	- -	- -	- -	10 16/1
Leadhills	387m	0 0	5 0	20 31	11 17	17 5	12 1	17 1	4 0	86 55
	NS888 153	- -	- -	26 31	26 1	13 1	2 27	2 28	- -	26 31/12
Loch Sloy	204m	0 0	1 1	10 23	10 16	9 4	5 1	11 2	0 0	46 47
	NN293 105	- -	3 30	10 30	13 19	T 1	T 13	3 28	- -	13 19/12
Machrihanish ⁺	10m	0 0	1 0	11 0	1 0	3 0	1 0	3 0	0 0	20 0
	NG663 226	- -	- -	- -	- -	- -	- -	- -	- -	- -
Rhuvaal	20m	0 0	3 0	4 0	0 0	3 0	0 0	3 0	0 0	13 0
	NR426 792	- -	- -	- -	- -	- -	- -	- -	- -	- -
South Moorhouse	249m	0 0	2 2	12 12	6 6	2 2	1 1	0 0	0 0	23 23
	NS529 508	- -	4 30	D -	D -	1 30	T 26	- -	- -	4 30/11
Tiree ⁺	9m	0 0	0 0	10 0	5 0	5 0	0 0	4 0	0 0	24 0
	NL999 446	- -	- -	- -	- -	- -	- -	- -	- -	- -
<u>Central</u>										
Couligartan	49m	0 0	1 1	13 22	4 10	4 5	1 1	1 1	0 0	24 40
	NN454 007	- -	1 30	13 7	13 19	6 2	1 1	3 28	- -	13 7/12
Glengyle	122m	0 0	3 1	6 21	5 8	7 2	2 0	2 0	0 0	25 32
	NN388 133	- -	5 30	10 31	2 30	5 2	- -	- -	- -	10 31/12

Table 3 (continued)

District, County & Place with Altitude & Grid Reference	1976			1977					Season
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
Loch Arklet 146m NN376 096	0 0 - -	1 1 4 30	11 22 6 6	9 9 18 19	9 3 3 2	2 1 T 1	6 1 1 28	0 0 - -	38 37 18 19/1
<u>Dumfries and Galloway</u>									
Bargrennan 110m NX361 789	0 0 - -	0 0 - -	9 8 2 10	9 9 2 10	4 1 2 1	2 0 - -	5 0 - -	0 0 - -	29 18 2 10/12
Eskdalemuir 242m NT235 026	0 0 - -	0 0 - -	23 24 21 20	15 17 10 1	13 3 7 2	9 3 1 27	9 0 - -	3 0 - -	72 47 21 20/12
Forrest Lodge 152m (Dalry) NX555 866	0 0 - -	1 1 T 30	6 14 10 16	2 5 10 8	2 3 3 12	0 0 - -	0 0 - -	0 0 - -	11 23 10 16/12
DISTRICT 2 - ENGLAND E & NE									
<u>Northumberland</u>									
Catcleugh 250m NT748 032	0 0 - -	1 0 - -	10 30 23 18	8 26 42 14	6 8 16 2	2 2 3 17	3 2 6 7	2 0 - -	32 68 42 14/1
<u>Tyne & Wear</u>									
Burradon 67m NZ269 721	0 0 - -	1 1 T 29	10 13 14 4	12 8 9 11	2 0 - -	2 1 3 28	3 0 - -	0 0 - -	30 23 14 4/12
Gosforth 52m NZ240 680	0 0 - -	1 0 - -	12 12 14 3	9 9 9 11	2 1 T 27	3 1 3 28	1 0 - -	1 0 - -	29 23 14 3/12
<u>North Yorkshire</u>									
Chelker 223m SE051 517	0 0 - -	2 0 - -	12 14 10 17	22 19 D -	13 7 3 23	5 1 T 14	9 3 T 6	0 0 - -	63 44 * *
High Mowthorpe 175m SE886 685	0 0 - -	0 0 - -	8 13 12 3	14 16 13 13	1 1 T 1	2 1 1 29	3 1 9 8	0 0 - -	28 32 13 13/1
Moorland Cottage 343m (Sedbergh) SD807 923	0 0 - -	3 3 8 30	30 31 18 19	15 15 18 31	4 6 18 1	5 0 - -	0 0 - -	1 1 1 13	58 56 18 19/12
Osmotherly 147m SE458 967	0 0 - -	0 0 - -	12 9 11 3	8 15 13 11	1 0 - -	3 2 1 28	2 1 1 7	0 0 - -	26 27 13 11/1
Riccall 5m SE608 373	0 0 - -	0 0 - -	3 4 1 2	3 3 8 13	0 0 - -	1 1 1 26	1 1 T 7	0 0 - -	8 9 8 13/1
<u>Lincolnshire</u>									
Kirton-in-Lindsey 25m SK934 990	0 0 - -	0 0 - -	3 4 1 2	4 4 3 12	1 1 T 1	2 2 1 27	0 0 - -	0 0 - -	10 11 3 12/1
Revesby 38m TF303 634	0 0 - -	0 0 - -	7 0 - -	8 4 5 14	* * * *	* * * *	* * * *	0 0 - -	* * * *
Southrey 6m TF140 664	0 0 - -	0 0 - -	2 1 T 3	6 3 4 31	0 0 - -	1 1 3 28	0 0 - -	0 0 - -	9 5 4 31/1

Table 3 (continued)

District, County & Place with Altitude & Grid Reference		1976			1977					Season
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
DISTRICT 3 - EAST ANGLIA										
Norfolk										
Coltishall ⁺	17m	0 0	0 0	10 0	12 5	6 2	3 0	3 1	1 0	35 8
	TG262 229	- -	- -	- -	1 13	1 1	- -	T 8	- -	1 13/1
Marham	23m	0 0	0 0	8 1	13 2	5 1	4 1	5 0	0 0	35 5
	TF726 094	- -	- -	1 18	1 11	T 1	1 28	- -	- -	1 18/12
Cambridgeshire										
Cambridge	26m	0 0	0 0	1 1	3 0	0 1	1 1	2 0	0 0	7 3
	TL434 604	- -	- -	2 18	- -	- -	T 28	- -	- -	2 18/12
Etton	11m	0 0	0 0	4 0	4 3	1 1	3 0	3 0	0 0	15 4
	TF142 048	- -	- -	- -	5 13	1 1	- -	- -	- -	5 13/1
Suffolk										
Melton	9m	0 0	0 0	3 0	6 2	1 0	3 1	2 1	0 0	15 4
	TM281 506	- -	- -	- -	1 13	- -	1 28	T 9	- -	1 13/1
Wingfield	49m	0 0	0 0	1 0	9 1	1 0	3 1	6 1	0 0	20 3
	TM235 782	- -	- -	- -	1 13	- -	1 28	1 8	- -	1 13/1
Wattisham	89m	0 0	1 0	10 2	10 5	3 1	4 0	3 0	0 0	31 8
	TM025 514	- -	- -	T 17	2 13	1 1	- -	- -	- -	2 13/1
Bedfordshire										
Cardington ⁺	28m	0 0	0 0	5 2	7 0	1 1	3 0	4 0	0 0	20 3
	TL081 464	- -	- -	1 17	- -	1 1	- -	- -	- -	1 17/12
Woburn ⁺	89m	0 0	0 0	5 5	7 1	2 1	1 0	4 0	0 0	19 7
	SP964 358	- -	- -	6 17	T 14	2 1	- -	- -	- -	6 17/12
Hertfordshire										
Garston	78m	0 0	1 0	6 4	4 0	2 1	3 0	5 0	0 0	21 5
	TL123 017	- -	- -	9 17	- -	1 1	- -	- -	- -	9 17/12
Essex										
Langham	12m	0 0	0 0	5 0	2 1	4 0	2 0	3 0	0 0	16 1
	TM018 339	- -	- -	- -	* 12	- -	- -	- -	- -	* 12/1
Layer-de-la-Haye	44m	0 0	0 0	2 2	6 3	2 0	2 1	1 1	0 0	13 7
	TL965 196	- -	- -	T 24	6 12	- -	1 27	2 9	- -	6 12/1
DISTRICT 4 - MIDLAND COUNTIES										
West Yorkshire										
Huddersfield Oakes ⁺	232m	0 0	0 0	17 7	14 13	7 9	2 2	5 0	1 0	46 31
	SE113 177	- -	- -	7 17	25 14	16 26	8 1	- -	- -	25 14/1
Thornton Moor	363m	0 0	2 1	22 9	9 31	8 15	2 3	* *	0 0	* *
	SE051 334	- -	T 30	D -	D -	61 25	5 1	* *	- -	* *

Table 3 (continued)

District, County & Place with Altitude & Grid Reference	1976			1977					Season	
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
<u>South Yorkshire</u>										
Doncaster 9m SE576 040	0 0 - -	0 0 - -	1 0 - -	3 0 - -	0 0 - -	2 0 - -	1 0 - -	0 0 - -	7 0 - -	
Hall Broom 320m SK267 891	0 0 - -	0 0 - -	5 11 10 9	5 20 13 18	4 6 10 23	1 1 T 28	1 1 1 7	0 0 - -	16 39 13 18/1	
Redmires 338m SK262 857	0 0 - -	0 0 - -	14 20 16 20	10 23 22 14	11 13 26 26	3 3 14 1	1 1 1 7	0 0 - -	39 60 26 26/2	
<u>Derby</u>										
Buxton ⁺ 307m SK060 725	0 0 - -	2 0 - -	17 14 9 20	13 17 32 14	8 9 8 26	5 1 1 31	6 2 1 7	0 0 - -	51 43 32 14/1	
Littleover 71m SK334 339	0 0 - -	0 0 - -	5 0 - -	10 7 5 14	4 0 - -	3 0 - -	3 0 - -	0 0 - -	25 7 5 14/1	
<u>Staffordshire</u>										
Hednesford 235m SK123 017	0 0 - -	0 0 - -	3 3 5 18	6 6 6 1	1 1 3 1	0 0 - -	0 0 - -	0 0 - -	10 10 6 1/1	
<u>Leicestershire</u>										
Market Harborough 96m SP732 879	0 0 - -	0 0 - -	5 5 3 18	5 3 1 15	3 2 5 1	2 1 1 19	0 0 - -	0 0 - -	15 11 3 18/12	
Stanford 112m SP596 804	0 0 - -	0 0 - -	5 5 3 17	6 7 13 13	1 3 1 20	3 2 1 28	4 0 - -	0 0 - -	19 17 13 13/1	
<u>Salop</u>										
Shawbury ⁺ 72m SJ553 222	0 0 - -	0 0 - -	11 1 2 17	15 4 9 14	3 0 - -	4 0 - -	4 1 1 8	0 0 - -	37 6 9 14/1	
<u>West Midlands</u>										
West Bromwich 134m SP018 934	0 0 - -	0 0 - -	7 3 5 16	9 8 8 12	1 0 - -	0 0 - -	2 0 - -	0 0 - -	19 11 8 12/1	
<u>Hereford and Worcester</u>										
Longtown 172m S0322 291	0 0 - -	0 0 - -	3 9 10 17	* * * *	0 0 - -	1 1 T 31	0 0 - -	0 0 - -	* * * *	
Martley 53m S0743 598	0 0 - -	0 0 - -	4 5 9 17	8 4 7 14	3 1 3 1	3 0 - -	* * * *	* * * *	* * * *	
<u>Oxfordshire</u>										
Brize Norton ⁺ 84m SP289 060	0 0 - -	0 0 - -	5 5 7 17	10 1 1 14	1 1 2 1	3 0 - -	3 0 - -	0 0 - -	22 7 7 17/12	
<u>Buckinghamshire</u>										
Little Chalfont 130m SU988 968	0 0 - -	0 0 - -	5 5 8 17	6 4 4 14	1 2 2 1	3 0 - -	2 0 - -	0 0 - -	17 11 8 17/12	

Table 3 (continued)

District, County & Place with Altitude & Grid Reference	1976			1977					Season	
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
DISTRICT 5 - ENGLAND SE AND CENTRAL SOUTHERN										
Greater London										
Charlton Park 46m TQ433 745	0 0 - -	0 0 - -	2 3 2 28	2 3 1 2	1 1 1 1	1 0 - -	2 0 - -	0 0 - -	8 7 2 28/12	
Eastcote 53m TQ110 881	0 0 - -	0 0 - -	2 4 6 17	3 2 1 10	1 2 4 1	1 0 - -	2 0 - -	0 0 - -	9 8 6 17/12	
Twickenham 13m TQ158 718	0 0 - -	0 0 - -	2 2 2 17	4 0 - -	1 1 1 1	1 0 - -	2 0 - -	0 0 - -	10 3 2 17/12	
Wiltshire										
Boscombe Down ⁺ 126m SU172 403	0 0 - -	0 0 - -	4 2 1 28	9 2 T 11	1 0 - -	1 0 - -	3 0 - -	0 0 - -	18 4 1 28/12	
Surrey										
Camberley 66m SU867 600	0 0 - -	0 0 - -	4 4 4 28	3 1 T 13	1 1 1 1	1 0 - -	3 0 - -	0 0 - -	12 6 4 28/12	
Kent										
Biddenden 52m TQ850 362	0 0 - -	0 0 - -	1 2 4 28	2 2 9 13	0 0 - -	0 0 - -	0 0 - -	0 0 - -	3 4 9 13/1	
Lyminge 182m TR138 405	0 0 - -	0 0 - -	3 2 8 27	6 3 10 11	0 0 - -	2 2 1 28	0 0 - -	0 0 - -	11 7 10 11/1	
Manston ⁺ 44m TR335 666	0 0 - -	0 0 - -	3 1 T 28	10 2 2 12	2 0 - -	5 0 - -	5 0 - -	0 0 - -	25 3 2 12/1	
Penshurst Place 40m TQ528 440	0 0 - -	0 0 - -	1 0 - -	4 1 10 13	0 0 - -	1 0 - -	1 0 - -	0 0 - -	7 1 10 13/1	
West Sussex										
Washington 23m TQ118 135	0 0 - -	1 0 - -	2 1 T 28	5 2 9 13	1 0 - -	1 0 - -	2 0 - -	0 0 - -	12 3 9 13/1	
DISTRICT 7A - ENGLAND NW AND ISLE-OF-MAN										
Cumbria										
Alston 274m NY717 470	0 0 - -	1 2 1 30	13 18 7 6	9 19 37 14	8 5 3 1	3 3 5 28	8 1 3 7	1 0 - -	43 48 37 14/1	
Dale Head 189m NY313 175	0 0 - -	1 0 - -	6 22 13 6	10 23 15 31	6 3 15 1	3 1 3 31	3 0 - -	0 0 - -	29 49 15 31/1	
Ennerdale 117m NY085 153	0 0 - -	1 0 - -	7 0 - -	8 5 3 15	0 0 - -	1 0 - -	2 0 - -	1 0 - -	20 5 3 15/1	
Geltsdale 229m NY575 537	0 0 - -	4 3 3 2	17 9 D -	15 6 20 13	9 2 T 11	10 2 T 27	12 3 1 3	2 0 - -	69 25 * *	
Hawes Water 213m NY503 159	0 0 - -	1 0 - -	* * * *	* * * *	2 2 1 25	1 0 T 27	0 0 - -	0 0 - -	* * * *	

Table 3 (continued)

District, County & Place with Altitude & Grid Reference	1976			1977					Season
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
High Nibthwaite 54m SD294 898	0 0 - -	1 0 - -	3 3 2 16	9 4 2 19	2 1 1 1	4 1 1 1	1 0 - -	1 0 - -	21 9 2 16/12
Lanthwaite 44m SD165 851	0 0 - -	1 0 - -	3 0 - -	6 1 3 19	1 0 - -	1 0 - -	0 0 - -	0 0 - -	12 1 3 19/1
<u>Lancashire</u>									
Bacup 404m SD847 198	0 0 - -	0 0 - -	13 12 8 17	10 14 10 18	10 11 15 24	4 0 - -	4 0 - -	0 0 - -	41 37 15 24/2
Belmont 247m SD692 142	0 0 - -	3 1 1 30	17 16 11 10	11 15 9 18	5 3 10 25	1 1 1 31	0 0 - -	0 0 - -	37 36 11 10/12
Slaidburn 192m SD717 547	0 0 - -	2 0 - -	11 3 5 17	13 4 2 31	10 5 6 25	2 1 2 31	8 0 - -	1 0 - -	47 13 6 25/2
Squires Gate ⁺ 10m SD316 317	0 0 - -	0 0 - -	16 0 - -	15 3 3 11	6 0 - -	2 0 - -	1 0 - -	0 0 - -	40 3 3 11/1
<u>Greater Manchester</u>									
Ringway ⁺ 75m SJ818 850	0 0 - -	0 0 - -	20 2 T 11	13 4 5 14	6 1 1 25	3 0 - -	2 0 - -	0 0 - -	44 7 5 14/1
Strinesdale 240m SD975 067	0 0 - -	2 1 5 30	23 1 5 10	12 4 D 13	10 1 2 22	7 0 - -	11 0 - -	0 0 - -	65 7 * *
<u>Cheshire</u>									
Northwich 14m SJ656 729	0 0 - -	0 0 - -	4 2 3 20	8 4 3 12	3 2 T 1	1 1 1 30	1 0 - -	0 0 - -	17 9 3 20/12
<u>Isle of Man</u>									
Maughold Head 70m SC498 914	0 0 - -	0 0 - -	0 0 - -	0 0 - -	0 0 - -	0 0 - -	1 0 - -	0 0 - -	1 0 - -
DISTRICT 7B - WALES N									
<u>Gwynedd</u>									
Bryn Gwynant 95m SH642 513	0 0 - -	0 0 - -	13 6 1 3	7 5 5 14	2 1 3 1	1 0 - -	3 2 1 7	0 0 - -	26 14 5 14/1
Dolgellau 27m SH732 177	0 0 - -	0 0 - -	6 4 2 5	6 4 4 13	3 1 T 1	2 0 - -	2 0 - -	0 0 - -	19 9 4 13/1
Valley ⁺ 10m SH310 758	0 0 - -	0 0 - -	5 0 - -	6 1 T 11	2 0 - -	1 0 - -	1 0 - -	0 0 - -	15 1 T 11/1
<u>Clwyd</u>									
Alwen 335m SH956 528	0 0 - -	0 0 - -	20 27 9 7	16 21 D -	14 9 7 24	8 0 - -	* * * *	3 0 - -	* * * *
Bwlch Tunnel 277m SJ164 580	0 0 - -	0 0 - -	11 14 8 2	9 19 D -	2 5 4 23	2 0 - -	3 3 4 6	0 0 - -	27 41 * *

Table 3 (continued)

District, County & Place with Altitude & Grid Reference	1976			1977					Season
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
Cae Llwyd 280m SJ269 482	0 0 - -	0 0 - -	11 7 6 17	7 10 15 14	6 1 4 24	4 0 - -	2 0 - -	0 0 - -	30 18 15 14/1
Clawdd Newydd 300m SJ078 521	0 0 - -	0 0 - -	13 3 4 3	13 13 D -	6 5 4 24	1 0 - -	4 1 T 7	0 0 - -	37 22 * *
Mount Pleasant 153m (Mold) SJ256 663	0 0 - -	1 0 - -	10 11 5 5	7 12 10 13	5 0 - -	1 0 - -	2 0 - -	0 0 - -	26 23 10 13/1
<u>Powys (North)</u>									
Lake Vyrnwy ⁺ 303m SJ017 188	0 0 - -	0 0 - -	17 12 9 19	16 17 22 18	8 4 8 1	6 0 - -	4 1 3 7	0 0 - -	51 34 22 18/1
DISTRICT 8A-WALES S									
<u>Dyfed</u>									
Aberporth 133m SN242 521	0 0 - -	0 0 - -	10 1 1 16	6 0 - -	1 0 - -	1 0 - -	2 0 - -	0 0 - -	20 1 1 16/12
<u>Powys (south)</u>									
Evancoyd 227m SD 261 630	0 0 - -	0 0 - -	5 7 15 17	5 12 31 14	1 1 6 20	1 1 T 31	1 1 1 7	0 0 - -	13 22 31 14/1
Tairbull 201m SN978 262	0 0 - -	0 0 - -	3 1 T 28	3 3 18 14	0 0 - -	0 0 - -	0 0 - -	0 0 - -	6 4 18 14/1
<u>West Glamorgan</u>									
Penmaen 85m SS531 889	0 0 - -	0 0 - -	3 0 - -	3 4 2 1	0 0 - -	0 0 - -	2 0 - -	0 0 - -	8 4 2 1/1
Swansea 23m SS655 925	0 0 - -	0 0 - -	3 0 - -	5 2 1 13	0 0 - -	0 0 - -	2 0 - -	0 0 - -	10 2 1 13/1
<u>Mid Glamorgan</u>									
Merthyr Tydfil 235m SO048 071	0 0 - -	0 0 - -	12 6 8 17	9 15 15 14	0 1 3 1	1 0 - -	5 0 - -	0 0 - -	27 22 15 14/1
DISTRICT 8B-ENGLAND SW									
<u>Avon</u>									
Bath 118m ST751 638	0 0 - -	0 0 - -	1 0 - -	1 3 6 5	0 0 - -	* * * *	1 0 - -	0 0 - -	* * * *
Filton ⁺ 59m ST598 802	0 0 - -	0 0 - -	6 3 4 17	7 2 1 12	1 0 - -	2 0 - -	3 0 - -	0 0 - -	19 5 4 17/12
<u>Somerset</u>									
Hawkridge 314m SS877 327	0 0 - -	2 0 - -	7 3 8 28	8 8 10 14	1 0 - -	2 0 - -	1 0 - -	0 0 - -	21 11 10 14/1
Glastonbury 15m ST486 382	0 0 - -	0 0 - -	0 0 - -	1 1 8 13	1 1 3 1	0 0 - -	0 0 - -	0 0 - -	2 2 8 13/1

Table 3 (continued)

District, County & Place with Altitude & Grid Reference		1976			1977					Season
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
<u>Dorset</u>										
Dorchester	69m SY693 899	0 0 - -	0 0 - -	2 0 - -	4 1 1 13	0 0 - -	1 0 - -	2 0 - -	0 0 - -	9 1 1 13/1
<u>Devon</u>										
Burrator	230m SX553 680	0 0 - -	0 0 - -	2 1 2 27	7 6 5 10	2 1 4 1	0 0 - -	4 1 5 8	0 0 - -	15 9 5 10/1
Chagford	381m SX661 866	0 0 - -	1 0 - -	3 6 3 3	9 13 15 13	1 0 - -	2 0 - -	4 3 1 7	0 0 - -	20 22 15 13/1
Exeter ⁺	32m SY001 933	0 0 - -	1 0 - -	4 0 - -	8 1 T 12	0 0 - -	1 0 - -	1 0 - -	0 0 - -	15 1 T 12/1
North Hessary Tor	427m SX585 735	0 0 - -	8 0 - -	11 10 8 3	16 9 D -	9 0 - -	9 0 - -	11 2 5 9	6 0 - -	70 21 * *
Okehampton	259m SX593 943	0 0 - -	1 0 - -	7 4 1 28	11 6 3 13	2 0 - -	0 0 - -	4 1 1 8	0 0 - -	25 11 3 13/1
Plymouth	49m SX514 529	0 0 - -	0 0 - -	2 0 - -	6 1 T 11	0 0 - -	0 0 - -	3 0 - -	0 0 - -	11 1 T 11/1
Yalland	264m SX690 628	0 0 - -	0 0 - -	4 1 T 28	7 4 5 17	2 0 - -	1 0 - -	3 1 1 9	0 0 - -	17 6 5 17/1
<u>Cornwall</u>										
St Mawgan	103m SW871 642	0 0 - -	0 0 - -	5 0 - -	8 2 4 12	1 0 - -	0 0 - -	3 0 - -	0 0 - -	17 2 4 12/1

FIGURE II DISTRIBUTION OF SNOW COVER 1976/77

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

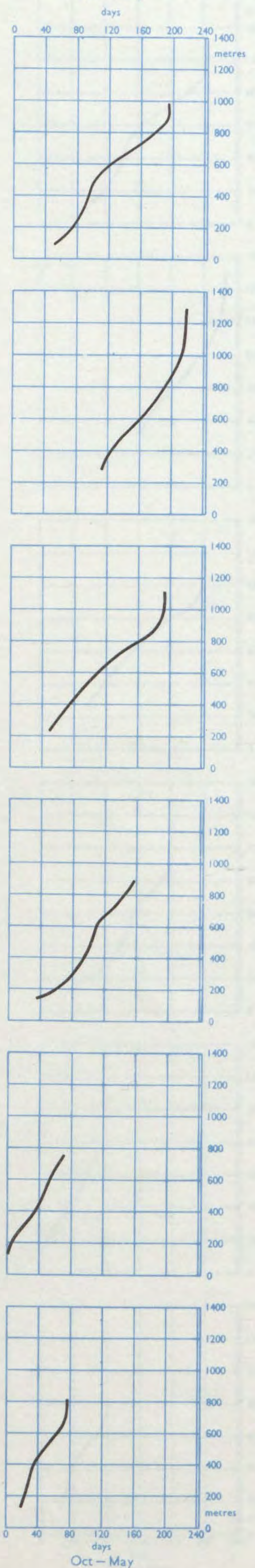
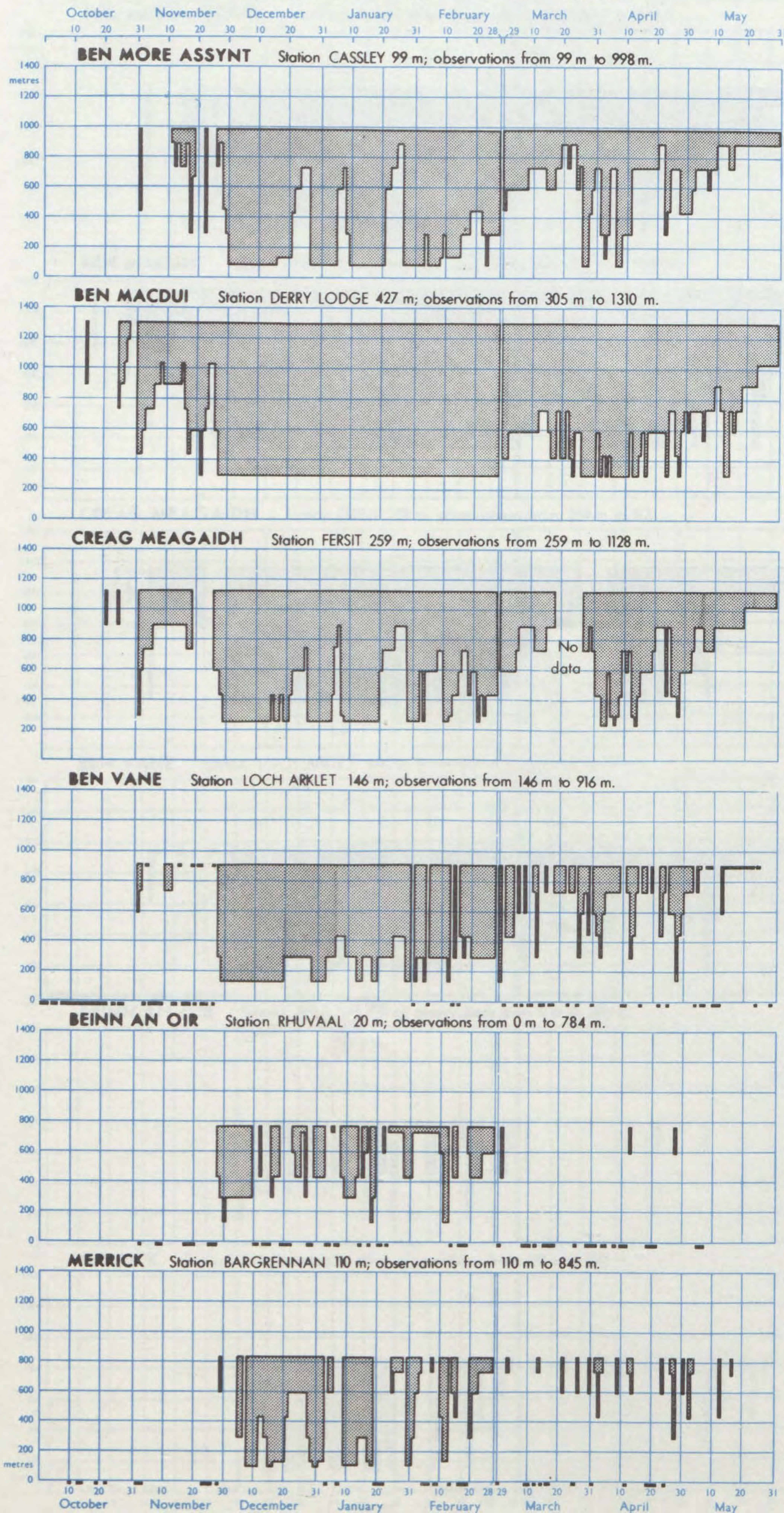


FIGURE II (continued)

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

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

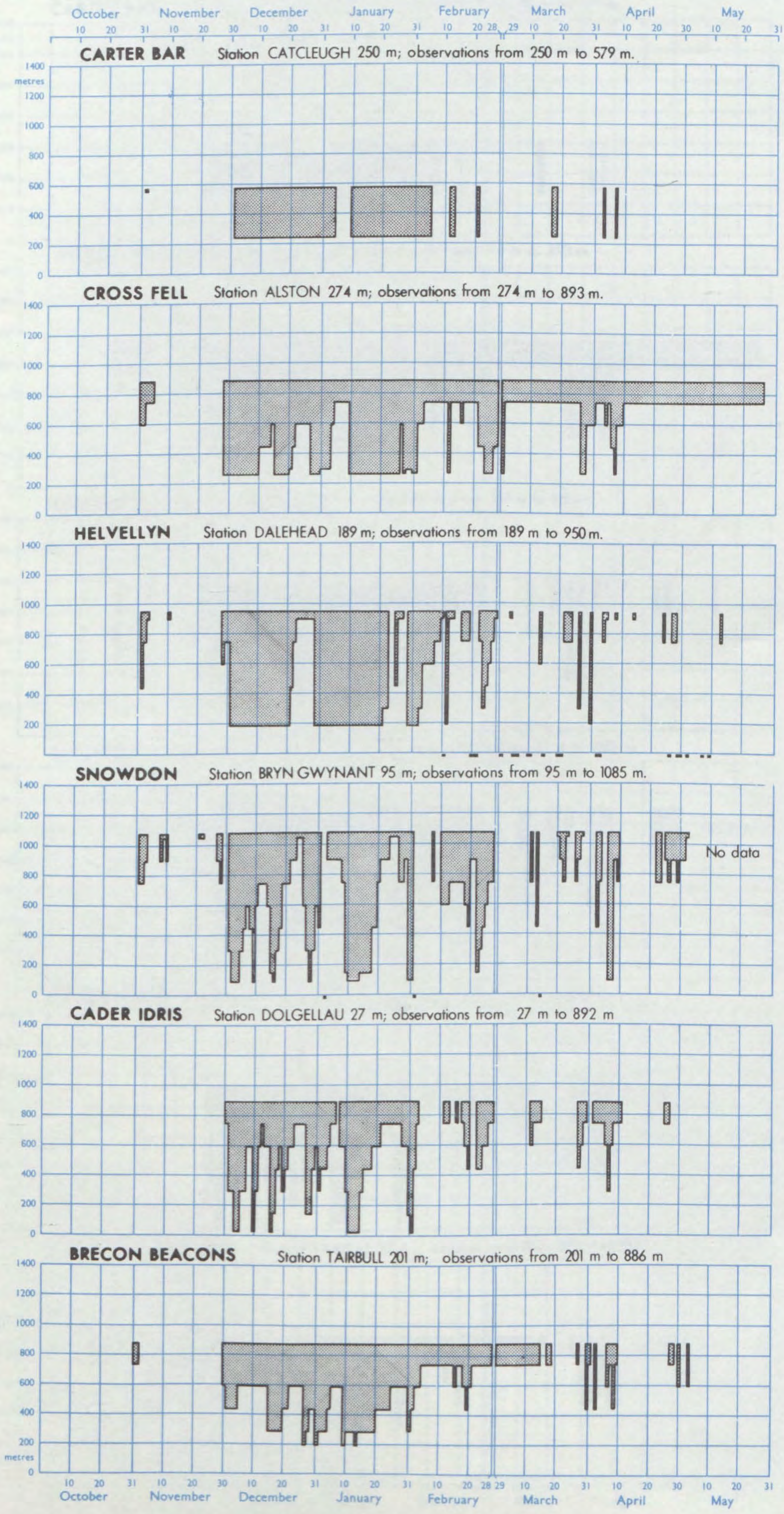


Table 4

Number of days with snow observed lying in the mountains
(a) near the summit, (b) at about 750 metres and (c) at
station level

Station and Peak	Level	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
Highland Peak: Ben More, Assynt (998m) Stn: Cassley (99m)	a b c	0 0 0	14 10 0	31 31 20	31 29 21	28 28 8	31 27 2	30 28 2	31 11 0	196 164 53
Highland Peak: Creag Meagaidh (1128m) Stn: Fersit (259m)	a b c	2 0 0	- - -	31 31 23	31 26 18	28 28 6	- - -	30 26 4	31 6 0	- - -
Grampian Peak: Ben Macdui (1310m) Stn: Derry Lodge (427m)	a b c	5 1 0	30 18 4	31 31 31	31 31 31	28 28 28	31 31 13	30 30 13	31 16 2	217 186 122
Central Peak: Ben Vane (916m) Stn: Loch Arklet (146m)	a b c	0 0 0	13 7 1	30 30 22	29 29 9	24 24 3	19 19 1	24 23 1	18 5 0	157 137 37
Strathclyde Peak: Beinn An Oir (784m) Stn: Rhuvaal (20m)	a b c	0 0 0	2 2 0	20 20 0	22 22 0	24 24 0	1 1 0	2 2 0	0 0 0	71 71 0
Dumfries and Galloway Peak: Merrick (845m) Stn: Bargrennan (110m)	a b c	0 0 0	1 1 0	24 24 8	20 20 9	17 17 1	5 5 0	9 9 0	5 5 0	81 81 18
Northumberland Peak: Carter Bar (579m) Stn: Catcleugh (250m)	a b c	0 - 0	1 - 0	30 - 30	26 - 26	8 - 8	2 - 2	2 - 2	0 - 0	69 - 68
Cumbria Peak: Cross Fell (893m) Stn: Alston (274m)	a b c	0 0 0	7 7 2	31 31 18	31 31 19	28 28 5	31 31 3	30 30 1	26 26 0	184 184 48
Cumbria Peak: Helvellyn (950m) Stn: Dale Head (189m)	a b c	0 0 0	6 4 0	31 25 22	28 26 23	22 18 3	6 5 1	7 4 0	1 1 0	101 83 49
Gwynedd Peak: Snowdon (1085m) Stn: Bryn Gwynant (95m)	a b c	0 0 0	10 3 0	30 26 6	29 17 5	20 18 1	9 4 0	13 9 2	- - -	- - -
Gwynedd Peak: Cader Idris (892m) Stn: Dolgellau (27m)	a b c	0 0 0	0 0 0	31 31 4	30 30 4	15 15 1	7 7 0	12 12 0	0 0 0	95 95 9
Powys Peak: Brecon Beacons (886m) Stn: Tairbull (201m)	a b c	0 0 0	2 2 0	31 31 1	31 31 3	28 28 0	19 19 0	8 8 0	2 2 0	121 121 4

Note: See Figure II for days where mountains were obscured.