The Caernarvonshire peaks were under cover some time in each month of the season, but only on the extreme summits for one day in October and May. The maximum cover was in December with 25 days at 3000 ft.

No snow cover was observed on the Brecon Beacons in September, October or March, and only the extreme summits were covered in April. The summits were under continuous cover throughout December and February.

Curves showing total seasonal duration at five stations up to 3500 ft. are drawn in Fig. 1 (p. 362): 200 days' cover was exceeded on Ben Nevis at and above 3000 ft., and 100 days' cover was reached on the mountains about Glen Lyon and on the Brecon Beacons above 2500 ft.

D. L. C.

SNOWFALL IN BRITISH COASTAL WATERS

THE earliest date of snowfall observed at sea from merchant ships was *November 12th*, when the M.V. *Glamis* reported sleet showers from 17 miles east of the Tyne to 12 miles off *Coquet* lighthouse between 20.45 hr. and 23.00 hr. Sleet and snow showers were reported between Harwich and the *Dowsing* lightship on the *17th* and *18th*. Considerable snowfalls occurred from the *21st* to the *28th*, from Loch Maddy in the Hebrides to the Thames and across the North Sea to Bremerhaven. The S.S. *Marlwood* reported heavy snowfall in the Thames estuary from 17.20 hr. to 22.00 hr. on the *26th*, and the M.V. *Crombie* reported a severe snowstorm on the *21st* at a point in mid-North Sea 10 miles east-north-east of the Pit Buoy.

In December moderate to heavy snow showers were widespread from the *11th* to *17th*. The M.V. *Loch Carron* reported moderate snowfalls on the *14th* and *15th* between Barra and Lochboisdale in the Hebrides; and on the *15th* the S.S. *Dalewood* reported heavy continuous snowfall from midnight to 05.32 hr. off the east coast between the *Dowsing* and *Corton* lightships. On this day the S.S. *Bestwood*, moored at Charlton Buoy in the Thames, reported heavy snow from 05.00 hr. to 07.00 hr. and the M.V. *Oriole* encountered heavy sleet and snow showers between the Nore Towers and London Docks. Heavy squalls of snow on this day were reported between Trevose Point, Cornwall, and Foreland Point, Lynmouth, by the S.S. *Fulham IV*. This ship also reported heavy snow in squalls off Dunster, Bristol Channel, on the *27th*. The M.V. *Errol* reported heavy snow and sleet showers at Dundee on the *30th*.

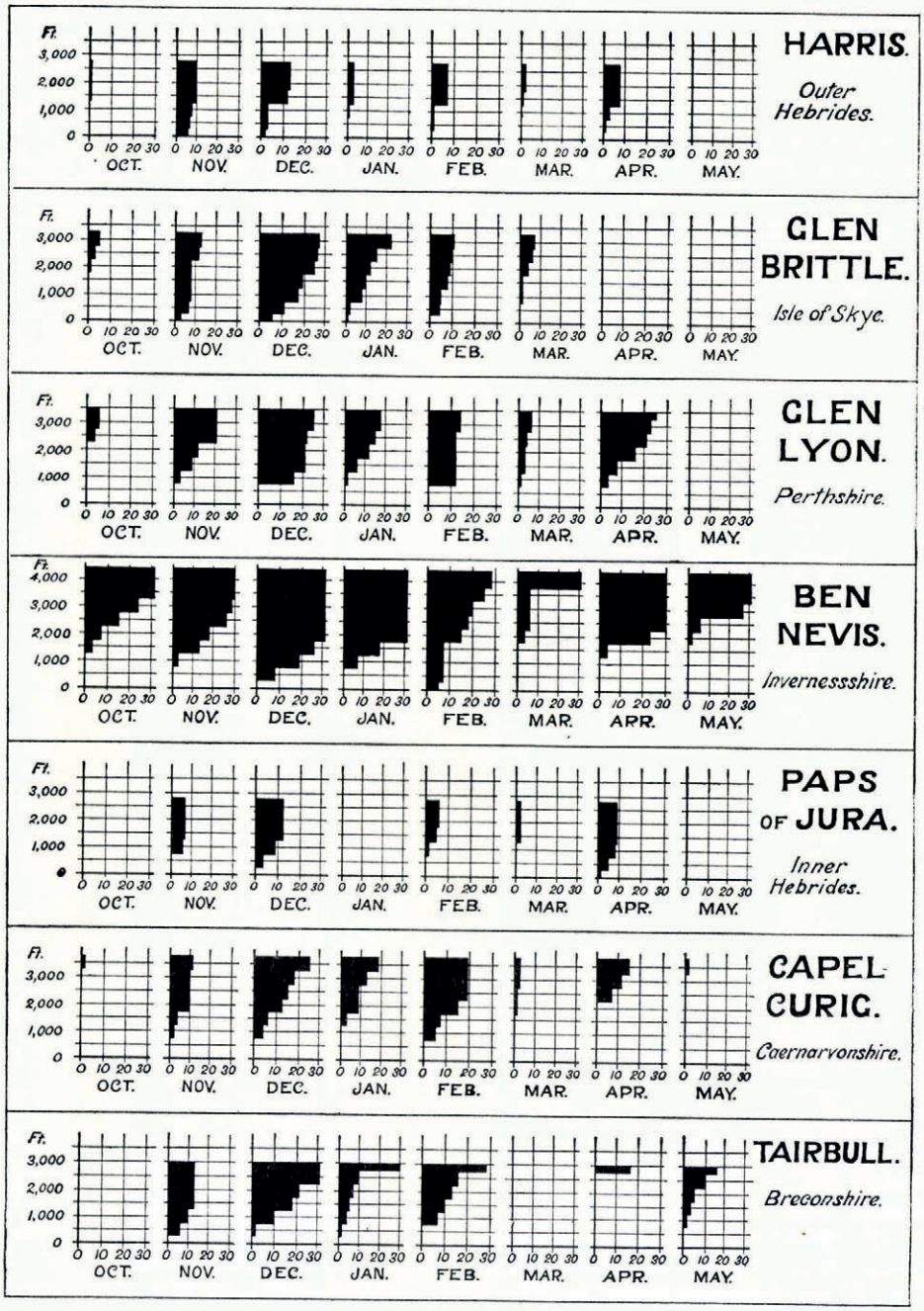
In January snow showers were widespread from the Tyne to the English Channel. On the *2nd* the M.V. *Cortachy* encountered moderate snow showers between Flamborough Head and *Longstone* lighthouse, between noon and 22.50 hr., and the M.V. *Oriole* reported intermittent snow and sleet between Le Havre and the *North Goodwin* lightship from 09.00 hr. on the *3rd* to 12.20 hr. on the *4th*.

On the *31st*, between Lochboisdale and Usinish Point in the Hebrides, the M.V. *Loch Carron* reported heavy showers of snow, accompanied by a north-north-westerly gale, from 04.00 hr. to 15.00 hr. The M.V. *Accum* and the M.V. *Edinburgh Merchant*, anchored in Yarmouth Roads, reported continuous snowfall from 23.00 hr. to midnight.

In February snowfalls were widespread between the *6th* and *15th*; the M.V. *Arbroath* met with squalls of snow on the *6th* between the Farne Islands and St. Abb's Head; and the M.V. *Lochee* encountered heavy squalls in the North Sea from a point 160 miles north-west of P8. L.V. (off Germany) on the *4th*, to a point 4 miles north-east of St. Abb's Head on the *6th*. The S.S. *Marlwood* reported a heavy snowstorm at 11.00 hr. on the *6th* when leaving Blyth, which reduced visibility to nil, and on this date the S.S. *Dalewood* reported continuous heavy snow off Whitby between 13.15 hr. and 14.50 hr.

On the *7th*, the S.S. *Birdwood* reported one hour of continuous heavy snow between the *Cromer* and *Dudgeon* lightships, which gave a half-inch layer on decks and reduced visibility to nil. Further south, between the *Corton* and *Newarp* lightships, the S.S. *Cerne* met with continuous snow from

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03.25 hr. to 05.22 hr. On the *11th* and *12th*, between *Longstone* lighthouse and *Cross Sand* lightship, the M.V. *Gowrie* reported 24 hours of heavy snow showers, and on the *13th*, between Orfordness and Limehouse, she experienced a further 9 hours of heavy showers of snow. On the *14th*, the M.V. *Gannochy* met with frequent heavy snow showers between the *North Goodwin* lightship and Dungeness. The S.S. *Pinewood* reported light snow showers on the *15th* in the Orwell at Ipswich.

In March snowfalls were confined to Hebridean waters, where the M.V. *Loch Carron* reported heavy snow showers from Loch Dunvegan, Skye, on the *28th* to Tiree on the *30th*.

The only snowfall reported in April was on the *15th*, when the S.S. *London Merchant* reported snow showers between the Farne Islands and St. Abb's Head, from 12.40 hr. to 14.40 hr.

D. L. C.

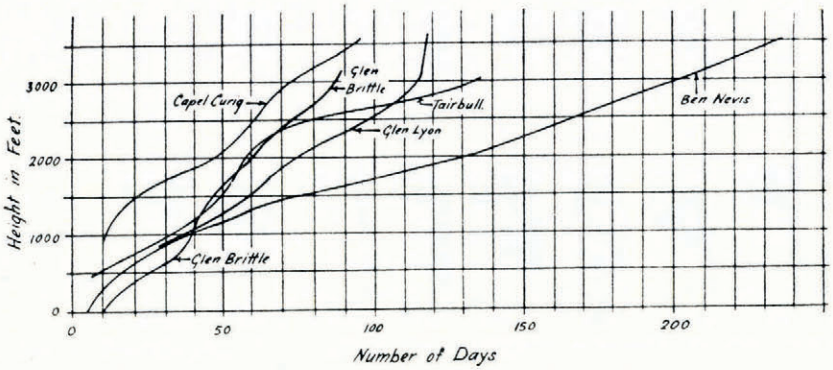


Fig. 1

TRANSFERENCE OF THE SNOW SURVEY OF GREAT BRITAIN TO THE METEOROLOGICAL OFFICE, AIR MINISTRY

As has been intimated individually to those who have helped this Survey, it has been arranged that the conduct and administration of the work shall become the responsibility of Her Majesty's Government. The Survey has, for the time being, served its purpose so far as its glaciological aspects are concerned, but it is very desirable that the data obtained by the Society should not be interrupted, as these will be of continuing value year by year to the meteorologists.

It has therefore been agreed by the Director of the Meteorological Office that future reports of the Survey, which will continue to be compiled on a voluntary basis, shall appear under the auspices of the Meteorological Office, Air Ministry. They will therefore no longer appear in this *Journal*.

The thanks of the Society must go to the many who have contributed to the success and growing recognition of the Survey—to Professor G. Manley, who with Mr. L. C. W. Bonacina initiated it in 1938, and particularly to Messrs. E. L. Hawke and D. L. Champion who have conducted it so ably for the last seven years.

Editor

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