

Depth in feet.	Loch Dubh. July 12, 1902, 3 p.m.	Loch Dubh. March 28, 1903.
0	Fahr. 59·0	° Fahr. 41·0
10	59·0	...
16	58·9	...
20	56·0	...
25	53·7	...
35	51·5	...
50	47·1	41·0
75	44·1	41·0
100	43·6	40·9
150	43·5	40·9

The series taken in March calls for no discussion, but the series taken in July is remarkable for the low temperature of the deep water at this season of the year, and for the great range of temperature from surface to bottom. Compared with the temperatures recorded in Loch Shiel a week earlier in the same month, we find the temperature in Loch Dubh $1^{\circ}7$ lower at the bottom in 150 feet than in Loch Shiel in 420 feet, and in Loch Morar (the deepest of all Scottish lochs), ten days earlier in the same month, a temperature equal to that at the bottom of Loch Dubh was recorded only after descending to a depth of 250 feet. The extreme range of temperature shown by the series in Loch Dubh amounts to $15^{\circ}5$, while the series taken in Loch Shiel shows a range of only 12° , and the series in Loch Morar shows a range of only 13° , from surface to bottom. The extraordinary temperature conditions observed in Loch Dubh may probably be accounted for (1) by the great depth of the loch compared with other lochs of similar area; (2) by the small extent of its drainage area, so that very little rain-water enters the loch; and (3) by the small area of the loch and the steepness of the surrounding hills reducing the mixing effect of the wind to a minimum.

Lochs Màmà and na Creige Duibhe doubtless formed at no distant date one sheet of water, which was gradually separated into two portions by the deposition of material brought down by the Allt Dearg. This is evidenced by the fact that locally the name Màmà is applied to both divisions, but in this place that name is restricted to the western basin, the name na Creige Duibhe being applied to the larger and deeper eastern basin. The connecting stream is about 60 yards in length, with a depth of 7 to 8 feet, the fall from Loch na Creige Duibhe to Loch Màmà being less than a foot. The tract of alluvium separating the two lochs was about $2\frac{1}{2}$ feet above the water of Loch Màmà, and the keeper stated that he had often seen it flooded when the lochs were high. The hills along the northern and southern shores of the lochs rise steeply up to heights exceeding 1000 feet, approaching 2000 feet along the northern shores, down the sides of which a few torrents rush