

These figures indicate that the average slope is gentle in the shallower water, and much steeper in depths exceeding 50 feet, but it will be observed from the map that the contour-lines approach very close to the shores in certain places, indicating a steep slope in these positions.

Temperature Observations.—The surface temperature at 11.45 a.m. on July 29, 1902, was $56^{\circ}\cdot 1$, and at 4 p.m. on July 30, when the following series was taken, it was more than half a degree lower.—

Surface .. . . .	..	$55^{\circ}\cdot 4$	Fahr.
10 feet .. . . .	..	$55^{\circ}\cdot 4$	„
20 „ .. . . .	..	$55^{\circ}\cdot 4$	„
30 „ .. . . .	..	$55^{\circ}\cdot 4$	„
50 „ .. . . .	..	$53^{\circ}\cdot 6$	„
75 „ .. . . .	..	$49^{\circ}\cdot 8$	„
85 „ .. . . .	..	$48^{\circ}\cdot 4$	„
120 „ .. . . .	..	$47^{\circ}\cdot 2$	„

This series shows a constant temperature from the surface down to 30 feet, then a slight fall of $1^{\circ}\cdot 8$ between 30 and 50 feet, followed by a rapid fall of $5^{\circ}\cdot 2$ between 50 and 85 feet, thence to the bottom a slight fall of $1^{\circ}\cdot 2$, the total range of temperature from surface to bottom being $8^{\circ}\cdot 2$.

Loch Mhic' Ille Riabharch (see Plate L.).—Loch Mhic' Ille Riabhaich is a small, irregular, shallow loch lying to the south-east of Loch a' Bhaid-Luachraich (into which it flows by the Allt na Criche), surrounded by low, rounded hills, on one of the islands is a fortress, but nothing seems to be known of its history. It was surveyed on July 31, 1902, but its elevation above the sea could not be determined; from the contour-lines on the Ordnance Survey maps it is apparently rather less than 600 feet above the sea. It is half a mile in length from north to south, and rather less in maximum breadth from south-east to north-west. It covers an area of about 36 acres, and drains an area of nearly three-quarters of a square mile. Two soundings of 12 feet were taken near the north end at the outflow, and a sounding of 10 feet off the eastern shore of the larger island, with these exceptions, the lake-floor is covered by less than 10 feet of water. The volume is estimated at 8 million cubic feet, and the mean depth at $5\frac{1}{3}$ feet.

The temperature of the surface water at 12.30 p.m. on July 31, 1902, was $57^{\circ}\cdot 0$ Fahr.

Loch nan Dailthean (or na Daline), lying to the south-west of Loch Mhic' Ille Riabharch, and flowing into Loch Thuirnaig (an inlet of Loch Ewe), was visited by the Lake Survey, but not sounded. It is said to be so shallow that cows may walk over the whole of it, except a small hole near Thuirnaig House, in which the depth is 4 feet.