

shallow water. The 25-feet contour-line follows approximately the outline of the arm, and the 50-feet area is considerable, the maximum depth being 66 feet in the eastern part of the basin.

The areas between the consecutive contour-lines, and the percentages to the total area of the loch, are as follows —

0 to 50 feet	672 acres	50·2 per cent.
50 „ 100 „	422 „	31·7 „
100 „ 150 „	171 „	12·7 „
150 „ 200 „	68 „	5·0 „
Over 200 „	5 „	0·4 „
	<u>1338 „</u>	<u>100·0 „</u>

Loch Skinaskink was surveyed on September 19 to 23, 1902. The elevation of the lake-surface above the sea on commencing the survey on September 19, 1902, was determined, by levelling from bench-mark; as being 245·1 feet; when levelled by the Ordnance Survey officers on August 13, 1870, the elevation was 242·7 feet above sea-level. The highest drift-mark seen was  $3\frac{1}{2}$  feet above the surface of the water.

*Temperature Observations.*—Temperature observations taken in the deepest part of the loch at 4 p.m. on September 20, 1902, gave the following results —

Surface .. .. .	54°·2 Fahr.
10 feet	54°·2 „
25 „	54°·0 „
50 „ .. .	54° 0 „
100 „ .. ..	53°·3 „
125 „ . . .	50°·1 „
150 „	50°·0 „
170 „ . ..	49°·6 „

This series shows a range of temperature amounting to 4°·6, the greatest fall being one of 3°·2 between 100 and 125 feet.