

laid down by the Allt Smeoral projects into the loch, the deepest water to the south-east being 59 feet, and to the north-east 64 feet, while on the shoaling the greatest depth observed was 50 feet. There are two 50-foot basins: the larger, in the most northerly expansion of the loch, is three-quarters of a mile in length, and the smaller, in the third expansion from the foot of the loch, is one-third of a mile in length. The areas between the contour-lines, and the percentages to the total area of the loch, are as follows:—

Feet.				Acres.		Per cent.
0 to 25	..	.	..	376	...	67·2
25 ,, 50	...	...	...	130	...	23·2
over 50	...	..	..	54	...	9·6
				560		100·0

*Temperature Observations.*—Several readings at the surface on the date of the survey gave a range of 1°·5 Fahr., from 44°·3 to 45°·8, and a series taken in the deepest part of the loch at 4·15 p.m., gave the following results:—

Surface ...	...	...	...	...	...	...	45°·8 Fahr.
10 feet ...	..	...	...	...	..	...	45°·8 ,,
20 ,, ...	...	..	...	...	...	...	46°·0 ,,
45 ,, ...	...	...	...	...	...	...	45°·0 ,,
65 ,, ...	...	..	...	..	...	...	45°·0 ,,

This series shows a range of only 1° from surface to bottom, while lower readings were recorded at the surface than beneath the surface, so that the body of water was evidently in process of being cooled down from the summer maximum to the winter minimum.