

portion of the loch between Port-in-Sherrieh and Inistrynich—a stretch of over 12 miles in length—is less than 200 feet in depth, the deepest sounding recorded between these two places being 196 feet. The 300-feet contour encloses an area about  $1\frac{1}{2}$  miles in length, less than 5 miles from the head of the loch, two soundings at the maximum depth of 307 feet being recorded about half a mile apart.

The following table, giving the approximate areas between the contour-lines drawn in at intervals of 100 feet, and the percentages to the total area of the loch, shows that considerably more than one-half of the lake-floor is covered by less than 100 feet of water :—

Feet		Acres.	Per cent.
0 to 100	. .	5474	57·6
100 „ 200	.. ..	2900	30·5
200 „ 300	.. ..	1017	10·7
Over 300	...	114	1·2
		9505	100·0

*Temperature Observations.*—During the progress of the survey four series of temperatures were taken, which showed a total range throughout the whole body of water of only  $3\frac{1}{2}^{\circ}$  Fahr., as given in the following table :—

SERIAL TEMPERATURES IN LOCH AWE.

Depth in feet.	May 11, north-east of Rudha Gairmheine, in 160 feet.	May 21, between Port- sonachan and Tay- chreggan, in 158 feet.	May 9, off Glen Mara, in 153 feet	May 20, between Badan Tomain and Innis Cho- nam, in 163 feet.
	$^{\circ}$ Fahr.	$^{\circ}$ Fahr.	$^{\circ}$ Fahr.	$^{\circ}$ Fahr.
0	45·2	46·1	45·2	47·1
5	—	—	45·0	—
10	—	46·0	44·4	—
15	—	—	44·1	—
25	—	45·8	44·1	46·8
50	43·8	45·6	44·1	45·1
100	43·8	45·2	43·9	44·8
150	43·6	—	43·8	—
155	—	44·9	—	—
160	—	—	—	44·4

*Dubh Lochan* (see Plate CXXVI.).—The name Dubh Lochan is applied to four little lochs lying about a mile south-east of Kingshouse. They are all weedy, and only the one lying farthest to the south-east was surveyed. It takes the form of a V with one limb pointing to the north, the other to the north-west. The length is a little over a quarter of a mile, and the superficial area about 17 acres. The maximum depth of 10 feet was found about 150 yards from the end of the north limb. The volume of water is estimated at 2 million cubic feet, and the mean depth at nearly 3 feet. Dubh Lochan was surveyed on May 21, 1903, but the level could not be determined; the elevation given on the Ordnance Survey