

feet, and at 35 feet, while in the deepest part of the loch the following readings were recorded :—

Surface ...	...	...	...	...	...	53°·2 Fahr.
10 feet ...	...	...	...	...	...	53°·2 „
25 „ ...	...	...	...	...	...	53°·2 „
50 „ ...	...	...	...	...	...	53°·2 „
60 „ ...	...	...	...	...	...	52°·2 „
70 „ ...	...	...	...	...	...	45°·2 „
75 „ ...	...	...	...	...	...	44°·8 „
90 „ ...	...	...	...	...	...	44°·6 „

Here also the temperature was uniform from the surface to a depth of 50 feet, but 1°·6 lower than in the eastern basin, the “sprungschicht” lying between 60 and 70 feet, where a fall of 7° was recorded, the total range being 8°·6.

*Loch Harrow* (see Plate XLIV.).—This is a small loch lying about a mile north of Loch Dungeon, and about 7 miles north-west of Dalry. The highest hill in the neighbourhood, Corserine, rises steeply to a height of 2668 feet to the westward of the loch, which trends east and west, and is nearly half a mile in length, with a maximum breadth of about one-fifth of a mile, and a superficial area of about 38 acres. It drains an area of  $1\frac{1}{2}$  square miles, the main inflow being the Folk burn entering on the northern shore. The maximum depth of 29 feet was observed towards the east end, the mean depth being estimated at  $11\frac{1}{2}$  feet, and the volume of water at 19 million cubic feet. The loch was surveyed on August 3, 1903, when the elevation was 811·8 feet above the sea, nearly identical with that determined on September 10, 1894, by the Ordnance Survey, viz. 811·6 feet; the water might rise 2 feet above, and fall a foot below, that level. The basin is simple, the deeper water being centrally placed, but towards the northern shore. About 52 per cent. of the lake-floor is covered by less than 10 feet of water. Temperatures taken at the surface, at 10 feet, 20 feet, and 25 feet gave identical readings of 58°·5 Fahr.

*Lochinvar* (see Plate XLIV.).—This small loch is situated about 3 miles north-east of Dalry. It is irregular in outline, trending nearly north and south, and over half a mile in length, with a maximum breadth of one-third of a mile. The superficial area is about 68 acres, and the drainage area  $1\frac{1}{4}$  square miles. Three soundings were taken at the maximum depth of 10 feet, two towards the eastern shore, and the third off the western shore near the north end. The mean depth is estimated at  $6\frac{1}{2}$  feet, and the volume of water at 19 million cubic feet. The loch was surveyed on July 20, 1903, when the elevation was found to be 736·6 feet above the sea; the Ordnance Survey found it to be 735·4 feet on July 7, 1894. The outflow is by dam and sluice, the water at the time of the survey being exactly at the level of the overflow. A drift-mark was observed two feet above the water. The loch is flat-bottomed in character, most of the