

Depth in Feet.	Loch. Chon.	Lochan Dubh.	Loch Ard.		Lake of Menteith	Loch Leven.		
	May 15, 1900.	May 15, 1900.	Aug. 6, 1899.	May 16, 1900.	May 14, 1900.	June 11, 1900.	June 22, 1900.	Sept. 1, 1900.
0	51·8	54·7	63·0	51·7	51·3	58·7	62·3	58·0
5	..	..	..	..	..	58·4	62·2	..
6	50·7	51·1	61·3	51·4	51·1	..	..	..
10	..	..	..	..	..	58·0	62·1	..
12	..	..	61·3	50·5	..	..	..	..
18	..	..	61·3	48·5	..	..	..	..
20	49·5	..	..	..	50·7	57·5	..	..
24	..	..	61·2	48·3	..	..	..	..
30	..	..	60·5	47·7	..	57·4	61·5	..
35	..	47·6	..	..	..	..	..	..
40	48·6	..	..	..	50·5	56·6	..	..
48	..	..	50·1	47·1	..	..	..	..
50	..	..	..	..	..	56·5	59·3	57·3
60	48·5	..	48·2	46·9	50·2	56·3	56·8	56·6
70	..	..	..	..	..	..	56·2	56·6
76	..	..	..	..	..	..	..	..
90	..	..	47·5	46·5	..	..	..	..
96	..	..	47·5	46·5	..	..	..	..
100	..	..	..	46·4	..	..	..	..

*Loch Chon and Lochan Dubh.*—These lochs were sounded on the 15th May, 1900, when the surface temperature in Loch Chon varied between 51°·8 and 54°·5; below the surface the temperature decreased gradually down to 48°·5 at 60 feet, so that the range observed throughout the whole body of water was only about 6°. In Lochan Dubh the surface temperature was slightly higher than in Loch Chon (54°·7), while the temperature of the deeper water was observed to be about 1° lower (47°·6), so that in the small body of water contained in Lochan Dubh the range was greater than in the larger Loch Chon, viz., 7°.

*Loch Ard.*—Loch Ard was visited on the 5th and 6th August, 1899, and again on the 16th May, 1900. The highest surface temperature (64°·6) was observed in the southern prolongation of the loch in August, the maximum temperature observed at the same time in the body of the loch proper being 63°. It will be seen that the whole body of water was warmer in August, and that a drop of 10° was recorded between the depths of 30 and 50 feet, the extreme range of temperature from surface to bottom being 17°. No steep gradient was observed in May, the temperature decreasing gradually from top to bottom, the extreme range observed in May being 8°·7.

*Lake of Menteith.*—The Lake of Menteith was visited on the 7th August, 1899, and the 14th May, 1900. No serials were taken in August, when the surface temperature varied only from 62°·2 to 63°·2. In May the surface temperature varied from 51°·1 to 52°·2, and the temperature decreased gradually from surface to bottom, the range observed in May throughout the whole body of water being only 2°—