

9 $\frac{3}{4}$ inches. About 11.30 a.m. on the 10th the wind rose from the west, and by 4 p.m. was blowing a gale, so much so that the greatest difficulty was experienced in keeping the boat in position for the 5 p.m. series of temperatures. It would thus appear that the easterly winds of the previous week had blown the warm surface water into the western portion of the loch, and the west wind of the 10th had not yet had time to reverse this effect; the fact that the area draining into the western basin is nearly double that draining into the other two basins would doubtless accentuate this result, since more water would enter the western basin than the other basins, and this inflowing water at this season of the year would be warmer than the water of the loch. The range of temperature from surface to bottom in the eastern basin was 7°·3 Fahr., the greatest fall being 5°·2 between 20 and 35 feet; in the central basin the range was 5°·3, the greatest fall being 4°·5, also between 20 and 35 feet; in the western or main basin the range was 9° (representing the extreme range observed throughout the entire loch), and the greatest fall was 4°·9 between 35 and 50 feet.