

Sambro Island the wind attained a velocity of 72 miles per hour. No storm warnings were issued during June and July, and no storms occurred.

23. The following table shows the number of storm warnings issued and verified in each year since 1877 :—

Storm warnings
1877-1890.

| YEAR. | Number Issued. | Number Verified. | Percentage Verified. |
|---|----------------|------------------|----------------------|
| 1877 | 743 | 510 | 68·6 |
| 1878 | 860 | 673 | 78·3 |
| 1879 | 712 | 591 | 83·0 |
| 1880 | 889 | 736 | 82·8 |
| 1881 | 854 | 727 | 85·1 |
| 1882 | 841 | 658 | 78·2 |
| 1883 | 1,085 | 858 | 79·1 |
| 1884 | 798 | 663 | 83·2 |
| 1885 | 830 | 741 | 89·3 |
| 1886 | 906 | 799 | 88·2 |
| 1887 | 1,093 | 972 | 88·9 |
| 1888, 1st January to 30th September | 404 | 331 | 81·9 |
| 1889, 1st October, 1888, to 30th November, 1889 | 1,500 | 1,249 | 83·3 |
| 1890, 1st December, 1889, to 30th November, 1890. | 1,213 | 996 | 82·1 |

It will be seen, therefore, that out of a total of 12,728 storm warnings issued during the last twelve years, 10,504, or 82·5 per cent., have been verified.

24. The total number of predictions issued of weather probabilities during the twelve months, January to December, inclusive, 1890, was 6,556, of which 774 were not verified, 74·7 per cent. having been fully, and 88·2 per cent. fully and partially verified. The proportions of predictions fully and partially verified were rather lower than usual. The signal disks showing the weather expected were, as usual, carried on trains from June to September. These disks are much appreciated by farmers.

Weather predictions.

25. Minerals of almost every kind are known to exist in Canada, and their development in future will constitute one of the chief sources of wealth for the country. Gold has been found extensively in Nova Scotia and British Columbia. In

Minerals.