

170. The Storm Signal Service Branch issued 298 warnings of approaching storms between the 1st January and 30th June, 1895, of which number 259, or 86·9 per cent were verified. No important storm occurred which was not more or less satisfactorily warned.

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

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. ....	897	758	84·5
1889. ....	1,126	926	81·3
1890. ....	1,199	987	82·3
1891. ....	1,017	826	81·2
1892. ....	1,161	888	80·7
1893. ....	1,317	1,118	84·9
1894. ....	1,333	1,149	86·2

It will be seen, therefore, that out of a total of 17,661 storm warnings issued during the last eighteen years, 14,580 or 82·6 per cent have been verified.

172. The total number of predictions of weather probabilities issued during the year ended 30th June, 1895, was 7,265, of which 5,538 were fully verified, 1,010 partially so, and 717 not. Thus the fully verified were 76·2 per cent of the total, and the fully and partially verified 90·1 per cent compared with 75 per cent and 89 per cent respectively in 1894.

Of the total predictions in 1894-5, 1,061 were in Manitoba, 1,352 in the lower lake region, 1,223 in the Upper St. Lawrence, 1,181 in the Lower St. Lawrence, 910 in the Gulf of St. Lawrence, and 1,276 in the Maritime regions of Canada. The highest percentage of verified and partly verified predictions was in the Upper St. Lawrence district, 84·5, and the lowest was in the Lower St. Lawrence, 82·3. The signal discs showing the weather expected were, as usual, carried on trains from June to September. These discs are much appreciated by farmers. Warnings of snow storms issued to railway companies were reported to have been of great value.

There were not many heavy gales during 1894-5, although a good many moderate storms occurred in October and November, 1894.

The Meteorological Service also issues a monthly map, with a view of keeping the agricultural and other interested portions of the community posted as to the meteorological conditions prevailing, and the advance of