

Storm
Signal
Service.

19. The Storm Signal Service Branch of the Meteorological Service issued 669 warnings of approaching storms between the 1st January and the 31st October, 1891, of which number 540, or 80·7 per cent, were verified.

Severe
storms,
1891.

20. Several severe storms occurred during the twelve months, October to October, notably on 17th October and 1st December, 1890, and on 12th January, 12th March and 7th September, 1891, the latter on the Atlantic coast being about the worst. October, 1891, was remarkable for the number of heavy storms which travelled up the Atlantic.

Storm
warnings,
1877-1891.

21. 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, 1st January to 31st October.....	669	540	80·7

It will be seen, therefore, that out of a total of 13,502 storm warnings issued during the last fifteen years, 11,139, or 82·5 per cent, have been verified.

Weather
predic-
tions.

22. The total number of predictions of weather probabilities issued during the twelve months, October, 1890, to October, 1891, was 7,126, of which 731 were not verified, 75·6 per cent having been fully, and 82·7 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.

Minerals.

23. 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 the former province there are thirty-