

THE GALES FROM THE GREAT LAKES

TO THE

MARITIME PROVINCES

The writer's original intention in tabulating the storms over the districts herein considered was to provide for himself a ready reference to any supposed type of storm occurring, together with the dates of all gales, as it was found that merely mental notes of such occurrences were both unreliable and unsatisfactory.

As the work progressed, a work which, of necessity, has taken a long time to complete, several conditions were either suggested or shown which have proved valuable to himself in 'Weather Forecasting.' The results obtained are published in the hope that the forecast officials in the Canadian Meteorological Service, and possibly others, may, perhaps, derive some slight assistance therefrom. If nothing else proves of value, the data contained in the monthly tables should be useful as a reference.

Local storms, thundersqualls, &c., have not been considered, as storm warnings are not and cannot be successfully given for such occurrences.

While it cannot be claimed that no low areas have been omitted from investigation, all those sufficiently defined to allow of their courses being charted have been included. In the earlier years, the paucity in the number of 'lows' in some cases, perhaps all, may be owing to the lack of reports then received from the western portion of the continent.

It is, however, probable that the 'lows' and gales omitted are not sufficient in number to materially affect the results as herein inscribed.

In the Tables, 'lows' defined as North-west Lows, are those from the north-western portion of the continent from the boundary between the United States and Canada northward; West Lows, south of the boundary to latitude 35°; South-west Lows, south of latitude 35°, including Lower California, Mexico, Texas and the Gulf of Mexico; Atlantic Lows and Sporadic Lows, as designated.