

cloudiness (Art. 11, page 13); the general appearance of the sky (Sec. III., Art. 27—30, page 19), including the class, distribution, and motion of the clouds, (See note below), with the state of the weather generally.

NOTE.—(1) In the column headed "clouds in motion," in *Monthly Abstract*, Form C, instead of describing the *class* of clouds, observers should enter the point of the compass *from* which the clouds are moving. If the clouds seem to be stationary, write "*calm*," if there be no clouds, write "*clear*." As in the case of wind, the direction will be indicated by the *nearest* of the *eight* principal points. Attention is called to the fact that, in many instances, observers, instead of *invariably* entering the letters which indicate the wind's direction in the column headed "wind direction," have, here and there, supplied their places by a blank or stroke (—), thus leaving the direction uncertain. This substitution of a stroke for the proper letters should be avoided, and if the observation has been omitted the fact should be stated in the paper.

SPECIAL. 1. At 1 p.m. measure the rain (Sec. I., Art. 8; Sec. III., Arts. 36—38, page 22).

2. At 9 p.m. read the maximum and minimum thermometers, and re-set them (Sec. I., Arts. 4, 5, page 8).



3. METEOROLOGICAL STATIONS IN UPPER CANADA.

His Excellency, the Administrator of the Government in Council, has been pleased, on the recommendation of the Council of Public Instruction for Upper Canada, to approve of the following meteorological stations in Upper Canada, in terms of the eleventh Section of the Grammar School Improvement Act of last session, viz.: Windsor, Goderich, Stratford, Simcoe, Hamilton, Barrie, Peterborough, Belleville, Cornwall and Pembroke. The eleventh section of the Act is as follows:—

"Each of the Grammar School Meteorological stations, at which the daily observations are made, as required by law, shall be entitled to an additional apportionment out of the Grammar School fund, at a rate not exceeding fifteen dollars per month for each consecutive month during which such duty is performed and satisfactory monthly abstracts thereof are furnished to the Chief Superintendent, according to the forms and regulations provided by the Department of Public Instruction; but the number and locality of such meteorological stations shall be designated by the Council of Public Instruction with the approval of the Governor in Council."