

(49) Direction and Force of the Wind.—It is not expected that observers who use this form should keep a systematic record of the wind; but if any observer is willing to do so, he should rule in the compartment of "Remarks" a column for 7 a.m. and also one for 9 p.m., if the rain is measured at the latter hour, and enter therein the direction* from which the wind was blowing, at the time of observation, to the nearest of the eight points, with the words "light," "moderate," "fresh," "strong," &c., to express its force.

(50) Column "Phenomena and Time of Occurrence."—Enter in this column the symbols that express any phenomenon that occurred during the twenty-four hours, and indicate the time when it occurred, or the times between which it occurred, in the manner explained in Art. 48. It will be necessary, however, to affix the letters (a) or (p), for a.m. or p.m., to the figures that represent the time.

If an aurora is recorded, the class, according to Art. 18, should be given; the number of the class in Roman numerals being written under the aurora symbol.

(51) Column or Compartment "Remarks."—The following details should be entered in this compartment:

(1) Notices regarding instruments and observation, such as a breakage, a change of instrument, change of position, or a change in the time of the observation. If an observation be accidentally taken before or after the proper time, the fact should be stated in the Remarks.

(2) Notices regarding any phenomenon for which there is not sufficient space in the preceding column, with a reference to the place where a more detailed description is given, when such is thought necessary.

(3) Periodical events connected with the progress of the season, such as the following:

(a) First snow, or frost, or sleighing; ice formed or broken up; opening and closing of navigation; mill work begun or stopped; Indian summer, &c.

(b) Appearance or departure of migratory birds, first croaking of frogs, &c.

(c) Budding and flowering of plants, maturity of fruits, &c.

* The true and not the compass direction should always be given.