

The cloudiness was normal in the lower Lake region, and upper Mississippi Valley; above the average in New England, Middle Atlantic States, Florida Peninsula, North Dakota, Missouri Valley, and the northern and middle slope and north Pacific regions. In the remaining geographic districts the cloudiness was below the average.

**ATMOSPHERIC ELECTRICITY.**

Numerical statistics relative to auroras and thunderstorms are given in Table IV, which shows the number of stations from which meteorological reports were received, and the number of such stations reporting thunderstorms (T) and auroras (A) in each State and on each day of the month, respectively.

*Thunderstorms.*—Reports of 427 thunderstorms were received during the current month as against 372 in 1903 and 164 during the preceding month.

The dates on which the number of reports of thunderstorms for the whole country was most numerous were: 22d, 90; 21st, 79; 20th, 48.

Reports were most numerous from: Florida and Texas, 39; Missouri, 35; South Carolina and Tennessee, 28.

*Auroras.*—The evenings on which bright moonlight must have interfered with observations of faint auroras are assumed to be the four preceding and following the date of full moon, viz: December 30 to January 7.

*In Canada:* Thunderstorms were reported from Toronto, 22, and Hamilton, Bermuda, 14.

Auroras were reported from Father Point, 15; Minnedosa, 11, 16, 28; Edmonton, 10, 11, 12; Prince Albert, 10, 11, 25; Battleford, 11, 12, 23.

**WIND.**

The maximum wind velocity at each Weather Bureau station for a period of five minutes is given in Table I, which also gives the altitude of Weather Bureau anemometers above ground.

Following are the velocities of 50 miles and over per hour registered during the month:

*Maximum wind velocities.*

Stations.	Date.	Velocity.	Direction.	Stations.	Date.	Velocity.	Direction.
Birmingham, Ala. ....	22	50	se.	New York, N. Y. ....	17	54	nw.
Block Island, R. I. ....	2	52	n.	North Head, Wash. ....	3	58	se.
Do. ....	3	56	n.	Do. ....	4	54	nw.
Do. ....	4	66	nw.	Do. ....	8	59	s.
Do. ....	15	54	w.	Do. ....	9	78	se.
Do. ....	17	53	nw.	Do. ....	11	60	se.
Do. ....	25	56	w.	Do. ....	13	54	s.
Do. ....	26	54	s.	Do. ....	15	74	se.
Buffalo, N. Y. ....	22	53	w.	Do. ....	16	58	s.
Do. ....	24	58	w.	Do. ....	17	58	s.
Do. ....	26	54	w.	Do. ....	20	54	se.
Cape Henry, Va. ....	3	68	nw.	Point Reyes Light, Cal. .	4	62	nw.
Carson City, Nev. ....	10	52	w.	Do. ....	5	58	nw.
Cheyenne, Wyo. ....	18	50	w.	Do. ....	8	59	nw.
Chicago, Ill. ....	2	54	ne.	Do. ....	9	57	nw.
Do. ....	18	51	se.	Do. ....	17	56	nw.
Cleveland, Ohio. ....	2	56	ne.	Do. ....	18	57	nw.
Columbus, Ohio. ....	22	61	sw.	Do. ....	19	50	nw.
Hatteras, N. C. ....	3	52	n.	Do. ....	21	53	nw.
Do. ....	29	50	n.	Sioux City, Iowa. ....	18	60	se.
Minneapolis, Minn. ....	18	50	se.	Tatoosh Island, Wash. .	7	60	s.
Moena, Utah. ....	18	55	sw.	Do. ....	8	70	w.
Mount Tamalpais, Cal. .	8	70	nw.	Do. ....	12	71	s.
Do. ....	9	59	nw.	Do. ....	13	56	sw.
Nantucket, Mass. ....	3	60	n.	Do. ....	16	70	sw.
New York, N. Y. ....	15	53	nw.	Do. ....	23	50	nw.

**DESCRIPTION OF TABLES AND CHARTS.**

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For description of tables and charts see page 603 of REVIEW for December, 1903.