Meteorological for January.

The subjoined report gives sunrise, minimum and maximum readings of the thermometer, the course of the wind at sunrise, and the amount of rainfall for the month of January.

The readings of the thermometer were taken on an elevated plateau near the city, the position of the instrument being free from any influence of refracted heat. They are self-registering, of the very best French manufacture, and the figures are believed to be absolutely correct:

CONDITION.	Minimum.	Maximum.	Sunrise.	Rainfall. Inches.	
1—Raining (1)	25	58	25	.56	S. E.
2—Partly cloudy	33	53	33	.24	S. W.
3—Clear	18	42	18	.....	W.
4—Clear	11	31	11	.....	N.
5—Cloudy (2)	21	30	21	.....	N.
6—Clear (3)	13	35	13	.....	N.
7—Cloudy	3	30	3	.....	N.
8—Cloudy (4)	8	44	8	.....	N. E.
9—Cloudy (5)	10	45	10	.....	S.
10—Clear (6)	17	33	17	.....	N.
11—Clear	0	38	3	.....	N. W.
12—Snowing (7)	21	44	21	.....	S. E.
13—Cloudy	8	29	9	.....	S. E.
14—Clear	0	33	0	.....	N.
15—Partly cloudy (8)	13	35	19	.....	S. E.
16—Clear	-15	30	-13	.....	N.
17—Clear	-7	32	-7	.....	W.
18—Partly cloudy (9)	-4	31	1	.....	S. W.
19—Cloudy	13	36	13	.....	N. E.
20—Cloudy	3	36	13	.....	
21—Clear	3	36	5	.....	W
22—Clear	0	45	5	.....	W
23—Clear	18	50	18	.....	SW
24—Clear	28	65	28	.....	SW
25—Clear	28	65	38	.....	SW
26—Clear	30	64	30	.....	S. W.
27—Partly cloudy	34	54	34	.....	S.
28—Cloudy	28	46	28	.....	W.
29—Cloudy (10)	34	53	36	.....	E.
30—Cloudy	28	48	28	.02	N.
31—Clear	24	42	24	.....	N.
Average temperature	14.4	43.2	15.8	1.42	

Mean temperature, 28.8.

1. Rain in the afternoon.
2. Snow about midnight.
3. Snow in the forenoon.
4. Flurry of snow in the forenoon.
5. Flurry of snow in the afternoon.
6. Snow about noon.
7. Snow at night.
8. Flurry of snow in the afternoon.
9. Snow in the afternoon.
10. Rain all day.

	Inches.
Amount of rain	1.42
Twenty-four inches of snow (estimated)	3.00
Total	4.42

In the table below will be found the mean temperature and the amount of rainfall during the month of January for the past fourteen years:

	Mean temperature.	Rainfall. Inches.
1880	45.6	0.68
1881	33.5	2.36
1882	38.5	5.40
1883	34.4	3.18
1884	34.1	2.25
1885	40.1	3.97
1886	31.1	4.45
1887	37.6	1.18
1888	32.4	3.93
1889	37.4	4.77
1890	48.5	4.31
1891	44.9	4.30
1892	40.0	4.13
1893	28.8	4.42

It will be observed that it was by far the coldest month in the above enumeration.

ZERO IN THE LURCH.

Richmond the Centre of the Coldest Wave Since 1857.

JAMES RIVER A SOLID BLOCK OF ICE.

Frozen Clear to Newport News—Water-Pipes and the Coal Supply—The Arctic Visitation Throughout the State.

Another Arctic wave swept over Virginia early yesterday morning and the readings of the thermometer show that Richmond and vicinity was about the centre of it. [illegible] Norfolk the mercury at 8 o'clock

Cold at the Colonial Capital.

[Special telegram to the Dispatch.]

WILLIAMSBURG, VA., January 16.—The ice here is between eight and ten inches thick and snow about six inches deep. The thermometer at the United States Signal Office this morning registered 4 degrees below zero.

Thirteen Below at Lexington.

[Special telegram to the Dispatch.]

LEXINGTON, VA., January 16.—To-day surpassed all others in the intensity of the cold weather, the river being covered with ice twelve inches thick. Thermometers in different locations of the town showed at 6 o'clock this morning 13 degrees below zero.

Sixteen Below at Buena Vista.

[Special telegram to the Dispatch.]

BUENA VISTA, VA., January 16.—To-day is the coldest of the season. The thermometer this morning registered 16 degrees below zero. The ground is covered with frozen snow.

18 at Hanover Courthouse.

[Special telegram to the Dispatch.]

HANOVER COURTHOUSE, VA., January 16.—This morning at 7:30 it was 18 below zero. This is the lowest point the thermometer has been known to go at this place.

The Coldest of the Season.

[Correspondence of the Richmond Dispatch.]

DRUMMONDTOWN, AMELIA, VA., January 16.—The cold spell continues with increasing severity, last night being the coldest of the season.

Intense Cold at West Point.

[Special telegram to the Dispatch.]

WEST POINT, VA., January 16.—Mr. Philip Bowdoin, from Allmondsville, reports

SEVERE WEATHER IN CAROLINA.

Cattle and Swine Frozen to Death—Advanced Price of Cotton.

[Special telegram to the Dispatch.]

FAYETTEVILLE, N. C., January 18.—Not since 1857 has North Carolina experienced such snow-storms and severe cold as the winter of 1892 and 1893 has witnessed. The ground has not been clear of snow since the 26th of December last, and to-day the white mantle covers the face of the earth with the thermometer at a little above zero. Rivers and creeks all over the State are reported frozen over from shore to shore, and in some quarters cattle, swine, and fowls have been picked up frozen to death.

The advanced price of cotton, coupled with other things in our favor, has given new life and zest to the business outlook for the year of grace of 1893, and the severe weather may prove a blessing in disguise by the extermination of all forms of the germs of disease and pestilence which threaten other parts of the country.