[Form ... h—1888.]

SIGNAL SERVICE.

[8349 C, P. D., 1887—13,000.]

VOLUNTARY OBSERVERS' METEOROLOGICAL RECORD.

Station, Richmond *; County,* Henrico *; State,* Va

Month of November*, 1889.*

	TEMPERATURE.						PRECIPITATION.			
	7. A. M.	2 P. M.	9. P. M.	Mean.	Maximum.	Minimum.	Time of Beginning.	Time of Ending.	Total Amount of Rain and melted Snow.	Average Depth of Snow in inches.
1										
2										
3										
4										
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25										
26										
27										
28										
29										
30										
31										
Sum,										
Mean,										

Meteorological Report for November.

The subjoined table 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 November.

The readings of the thermometer were taken in an elevated portion of the city, the position of the instruments 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 absolutelv correct :

CONDITION.	Minimum.	Sunrise.	Maximum.	Wind.
1—Heavy fog	45	45	72	N. E.
2—Cloudy	54	54	74	S. E.
3—Cloudy (1)	66	66	69	S. E.
4—Clear	39	39	60	N. E.
5—Partly cloudy	36	36	60	N. E.
6—Clear	34	34	65	N. W.
7—Clear	32	32	66	W.
8—Cloudy (2)	34	34	68	E.
9—Partly cloudy (3)	50	50	70	S. E.
10—Clear	50	50	63	N. W.
11—Cloudy	45	45	65	N. W.
12—Cloudy	44	41	60	N. W.
13—Cloudy (4)	54	54	68	N. E.
14—Partly cloudy	44	44	69	W.
15—Clear	36	36	66	N. W.
16—Partly cloudy	31	31	47	N. E.
17—Cloudy (5)	33	33	62	E.
18—Cloudy (6)	45	60	62	S. E.
19—Cloudy	39	42	55	W.
20—Cloudy	35	35	58	S. W.
21—Cloudy (7)	38	46	53	E.
22—Partly cloudy (8)	45	45	62	W.
23—Clear	35	35	57	S.
24—Partly cloudy	31	31	71	S. E.
25—Cloudy	48	50	74	S.
26—Clear	32	32	50	N.
27—Cloudy (9)	42	43	53	N.
28—Cloudy (10)	43	42	52	W.
29—Clear	27	28	44	N.
30—Clear	22	24	51	N. W.
Averages for month	40.2	41.3	61.4	

Mean temperature, 50.8.

(1) Showery all day from 10 o'clock in the forenoon.
(2) Light rain at night.
(3) Hard rain in the afternoon.
(4) Heavy rain during the day.
(5) Light rain all day and night.
(6) Light, drizzling showers in the forenoon and at night.
(7) Light rain in the forenoon and heavy showers at night.
(8) Light sprinkle of rain in the forenoon.
(9) Showers during the day from 9 o'clock in the forenoon and at night.
(10) A few flakes of snow fell about midday.

Rainfall for the month, 4.59 inches.

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

	Mean temperature.	*Rainfall, Inches.*
1880	42.2	2.93
1881	42.2	3.34
1882	45.9	0.23
1883	51.0	1.90
1884	48.4	1.64
1885	49.5	2.86
1886	50.6	3.22
1887	49.7	4.49
1888	50.6	4.37
1889	50.8	4.59

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Wm. H. Reasons

Voluntary Observer.

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