

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Richmond, Va., for the Month of January, 1899.

DATE.	TEMPERATURE.							PRECIPITATION.										DATE.								
	Maximum.	Minimum.	Range.	Change.	Mean. (Max. and Min.)	Normal.	Departure.	TOTAL EXCESS OR DEFICIENCY.		8 A. M.		8 P. M.		TOTAL.	Normal.	Departure.	TOTAL EXCESS OR DEFICIENCY.		SNOWFALL. (Inches and tenths.)		Average daily cloudiness (0 to 10).	CHARACTER OF DAY.				
								Since 1st of month.	Since Jan. 1st.	Character.	Beginning.	Ending.	Character.				Beginning.		Ending.	8 p. m. to 8 p. m.			Since 1st of month.	Since Jan. 1st.	Unmelted. 8 p. m. to 8 p. m.	On ground at 8 p. m.
1899.	(b)	(b)	(b)	(b)	(b)									(b) ††					In.	In.			1899			
1	25	16	9	22	20					R	8 p. m. 31"	8 p. m. 31"										2	Clear	1		
2	29	11	18	0	20														0	0.6		1	Clear	2		
3	48	20	28	14	34														0	0		8	Cloudy	3		
4	63	40	23	18	52	+14																9	Cloudy	4		
5	63	41	22	0	52	+14																10	Cloudy	5		
6	41	36	5	14	38	-1				R.			R.	2 p. m.									10	Cloudy	6	
7	38	29	9	4	34	-5				R.		D.N.											1	Clear	7	
8	44	26	18	1	35	-3																	3	Clear	8	
9	57	31	26	9	44																		4	Partly Cloudy	9	
10	43	27	16	9	35																		8	Cloudy	10	
11	27	18	9	13	22																		6	Partly Cloudy	11	
12	31	25	6	6	28					Sl.	D.N. 11"	D.N. 11"	Sl.		10.30 a.m.								10	Cloudy	12	
13	35	31	4	5	33					R.		Early a.m.	R.	10.00 a.m.	11.45 a.m.								10	Cloudy	13	
14	58	34	24	13	46					R.	D.N. 13"	D.N. 13"	R.	2.40 p.m.	3.15 p.m.								10	Cloudy	14	
15	61	41	20	5	51																		7	Partly Cloudy	15	
16	53	34	19	7	44								R.	2.15 p.m.	3.00 p.m.								2	Clear	16	
17	44	34	10	2	46					R.		9.30 p.m.	R.	4.10 p.m.									10	Cloudy	17	
18	47	34	13	6	40					R.	Early a.m.	Early a.m.	R.	8.45 a.m.	9.15 a.m.								6	Partly Cloudy	18	
19	36	22	14	10	30								R.	11.10 a.m.	7.30 p.m.								10	Cloudy	19	
20	42	22	20	2	32																		0	Clear	20	
21	53	28	25	8	40	+2																	0	Clear	21	
22	63	40	23	12	52	+14																	4	Partly Cloudy	22	
23	54	40	14	4	48	+10																	0	Clear	23	
24	66	39	27	4	52	+14							R.	8.30 a.m.	8.40 a.m.								6	Partly Cloudy	24	
25	56	34	22	7	45	+7				R.	8:20 p.m. <sup>24</sup>	9:30 p.m. <sup>24</sup>	R.	10.10 a.m.	10.25 a.m.								9	Cloudy	25	
26	51	26	25	0	45	+7																	0	Clear	26	
27	28	19	9	7	38	0																	6	Partly Cloudy	27	
28	38	10	28	16	24	-14				S	D.N. 27"		S		6 p.m.								4	Partly Cloudy	28	
29	46	13	33	6	30																		10	Cloudy	29	
30	38	19	19	2	28					S	8:30 p.m. <sup>29</sup>	9:30 p.m. <sup>29</sup>	S										6	Partly Cloudy	30	
31	38	19	19	2	28					S	Early a.m.		S										4	Partly Cloudy	31	
S	1453	874	579	224	1162		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.0	3.0	10	Cloudy
M	46.9	28.2	18.7	7.2	37.5		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	8.0	(a)	17.6	(a)
			18.6	7.4	40.6																		(a)	(a)	5.7	(a)

† Use the following abbreviations: R—rain, S<sup>d</sup>—dry snow, S<sup>m</sup>—moist snow, Sl—sleet, H—hail. †† T indicates trace of precipitation.