

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Richmond, Va., for the Month of DEC - - 1919, 191

DATE.	TEMPERATURE.										PRECIPITATION.										DATE.									
	(b) Maximum.	(b) Minimum.	(b) Range.	(b) Change.	(b) Mean (max. and min.).	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. †	Beginning.	Ending.	Character. †	Beginning.	Ending.	Character. †	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.		Total excess or deficiency since 1st of month.	Hail and sleet unmelted. †††	Snow unmelted. †††	Hail, sleet, and snow on ground at p. m. †††	Amount of precipitation from melted snow (mid. to mid.).				
1	49	27	22	13	38	44	-6	-6										0	.09	-.09	-.09	0	0	0	0	1				
2	56	27	29	4	42	44	-2	-8										0	.09	-.09	-.18	0	0	0	0	2				
3	44	26	18	7	35	44	-9	-17										0	.08	-.08	-.26	0	0	0	0	3				
4	34	21	13	7	28	43	-15	-32										0	.08	-.08	-.34	0	0	0	0	4				
5	56	23	33	17	40	43	-3	-35										0	.09	-.09	-.43	0	0	0	0	5				
6	48	30	18	1	39	43	-4	-39	sm	5:30a	7:45a	sm	9:20a	10:20a	SIT	10:20a	10:45a	RH	10:45a	11:10a	.23	.09	+14	-29	T	T	0	T	6	
7	71	48	23	28	60	43	+17	-22	R	---	DNA	R	7:45a	10:05a							.28	.09	+19	-.10	0	0	0	0	7	
8	60	29	31	10	50	42	+8	-14	R	DNA	---										.83	.09	+74	+64	0	0	0	0	8	
9	60	40	20	0	50	42	+8	-6	R	---	5:20p	R	8:20p	---							.02	.09	-.07	+57	0	0	0	0	9	
10	68	28	40	2	48	42	+16	+0	R	---	DNA										.01	.09	-.08	+49	0	0	0	0	10	
11	25	22	13	20	28	42	-14	-14	R	10:20p	10:45p										.1	.09	-.09	+40	0	0	0	0	11	
12	45	30	15	10	38	42	+4	-18	R	DNA	4:30p	R	7:20p	---							.20	.10	+10	+50	0	0	0	0	12	
13	67	45	22	18	56	41	+15	-3	R	---	8:00a										.01	.10	-.09	+41	0	0	0	0	13	
14	64	27	37	10	46	41	+5	+2	R	DNA	5:45a	R	7:50a	9:42a	R	10:20a	11:00a				.26	.09	+27	+68	0	0	0	0	14	
15	38	20	18	17	29	41	-12	-19														0	.09	-.09	+59	0	0	0	0	15
16	41	22	19	3	32	41	-19	-19														0	.11	-.11	+48	0	0	0	0	16
17	38	21	17	3	30	40	-10	-29														0	.12	-.12	+26	0	0	0	0	17
18	21	15	6	12	18	40	-22	-56	S ^o	7:50a	8:06a	S ^o	8:15a	8:21a	S ^o	9:14a	10:57a	S ^o	6:20p	9:36p	.02	.12	-.10	+26	0	T	T	.02	18	
19	30	16	4	0	18	40	-22	-73	S ^o	---	7:05a	S ^o	9:45a	11:20p	S ^o	2:50p	5:35p	S ^o			.24	.11	+23	+49	0	6.0	6.0	.34	19	
20	21	14	17	4	22	40	-18	-98														0	.10	-.10	+39	0	0	3.8	0	20
21	21	15	16	1	23	40	-17	-108														0	.11	-.11	+28	0	0	3.2	0	21
22	37	21	16	6	29	40	-11	-119														0	.10	-.10	+18	0	0	2.2	0	22
23	43	22	21	3	32	40	-8	-128														0	.10	-.10	+08	0	0	T	0	23
24	42	27	15	2	34	39	-5	-132														0	.11	-.11	-.03	0	0	T	0	24
25	38	21	17	4	30	39	-9	-141														0	.10	-.10	-.13	0	0	T	0	25
26	51	19	32	5	35	39	-4	-145														0	.10	-.10	-.23	0	0	0	0	26
27	43	34	18	8	38	39	-1	-146														0	.09	-.09	-.22	0	0	0	0	27
28	48	29	19	0	38	39	-1	-147														0	.09	-.09	-.41	0	0	0	0	28
29	39	27	12	5	33	39	-6	-153	S ^o	8:35a	12:45p											0	.09	-.09	-.50	0	0	T	0	29
30	48	27	21	.5	38	39	-1	-154	S ^o	DNA	DNA											T	.09	-.09	-.50	0	0	T	0	30
31	34	25	39	2	40	39	+1	-158														T	.09	-.09	-.59	0	0	0	0	31
B	1420	806	614	209	1117	1270			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.30	3.00			T	6.0	(a)	(a)	(a)	31
M	45.8	26.0	19.8	6.7	36.0	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)					(a)	(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. † Use the following abbreviations: R—rain, S^o—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ††† Enter the local standard time of observation. *Inches and tenths.