OBSERVATIONS at Richmond, Va., for the Month of DEC - - 1922, 192

Date.	Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (mid and min (b)	Normal.	Departure	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	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. 8 p.m. to 8 p.m. *‡‡	Snow unmelted. 8 p.m. to 8 p.m. *‡‡	Hail, sleet, and snow on ground at 8 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.	
	°	°	°	°	°																In.				In.	In.	In.	In.		
FRIDAY 1	72	41	31	13	56	44	+12	+12													0	.09	-09	-09	0	0	0	0	1	
2	59	44	15	4	52	44	+8	+20													0	.09	-09	-18	0	0	0	0	2	
3	56	40	16	4	48	44	+4	+24	R	12:10a	12:50a	R+S	12:50a	12:53a	R	12:53a	9:40a				.04	.08	-04	-22	0	T	0	T	3	x melted as it fell.
4	51	40	11	3	46	43	+3	+27	R	1:20p	—										.29	.08	+21	-01	0	0	0	0	4	
5	64	47	17	10	56	43	+13	+40	R	—	9:20a										.01	.09	-08	-09	0	0	0	0	5	
6	56	33	23	12	44	43	+1	+41													0	.09	-09	-18	0	0	0	0	6	
7	44	33	11	6	38	43	+5	+36	R	8:10a	6:10p										.74	.09	+65	+47	0	0	0	0	7	
8	70	44	26	19	57	42	+15	+51	R	Dla	4:15a										.05	.09	-04	+43	0	0	0	0	8	
9	60	44	16	5	52	42	+10	+61	R	4:45a	5:30a	R	10:10a	10:15a	R	DNp	—				.04	.09	-05	+38	0	0	0	0	9	
10	44	27	17	16	36	42	-6	+55	R	—	7:20a	R+S	7:20a	7:50a	R+Sm	7:50a	8:25a				.11	.09	+02	+40	T	T	0	T	10	x melted as it fell.
11	34	26	13	4	32	42	-10	+45													0	.09	-09	+31	0	0	0	0	11	
12	49	35	14	10	42	42	0	+45	R	Dla	6:15a	R	11:55a	1:35p							.04	.10	-06	+25	0	0	0	0	12	
13	44	28	16	6	36	41	-5	+40													0	.10	-10	+15	0	0	0	0	13	
14	46	30	16	2	38	41	-3	+37	R	9:55a	5:30p										.27	.09	+18	+33	0	0	0	0	14	
15	60	40	20	12	50	41	+9	+46	R	6:10a	7:15a	R	8:05a	11:15a							.06	.09	-03	+30	0	0	0	0	15	
16	40	35	5	12	38	41	-3	+43	R	12:50p	4:40p	R	5:05p	—							.01	.11	-10	+20	0	0	0	0	16	
17	44	34	10	1	39	40	-1	+42	R	—	11:30a										.83	.12	+71	+91	0	0	0	0	17	
18	38	29	9	5	34	40	-6	+36													0	.12	-12	+79	0	0	0	0	18	
19	31	27	4	8	26	40	-14	+22	S	Dla	6:15a										.01	.11	-10	+69	0	02	02	01	19	
20	30	20	15	2	28	40	-12	+10	R	6:55p	8:30p										T	.10	-10	+59	0	0	T	0	20	
21	47	32	15	12	40	40	0	+10													0	.11	-11	+48	0	0	0	0	21	
22	50	29	21	0	40	40	0	+10													0	.10	-10	+38	0	0	0	0	22	
23	51	29	22	0	40	40	0	+10													0	.10	-10	+28	0	0	0	0	23	
24	62	28	34	5	45	39	+6	+16													0	.11	-11	+17	0	0	0	0	24	
25	59	34	25	1	46	39	+7	+23													0	.10	-10	+07	0	0	0	0	25	
26	63	30	33	0	46	39	+7	+30													x.09	.10	-10	-03	0	0	0	0	26	
27	61	34	27	2	48	39	+9	+39	R	6:15p	—										x.19	.09	+20	+17	0	0	0	0	27	
28	60	38	22	1	49	39	+10	+49	R	—	Dlya	R	5:05p	—							x.30	.09	+21	+38	0	0	0	0	28	
29	45	29	16	12	37	39	-2	+47	R	—	Dla										x.05	.09	-04	+34	0	0	0	0	29	
30	40	24	16	5	32	39	-7	+40													0	.09	-09	+25	0	0	0	0	30	
31	53	29	24	9	41	39	+2	+42													0	.11	-11	+14	0	0	0	0	31	
S ---	1593	1028	565	200	1312	1270	Total excess or deficiency since January 1,	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.14	3.00	Total excess or deficiency since January 1,	T	0.2	(a)	(a)	(a)	
M ---	51.4	33.2	18.3	6.5	42.3	(a)	- 58	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+10.07	(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—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.

(8) x estimates for 8th. prem