

RECORD OF OBSERVATIONS at Richmond, Va., for the Month of July, 1913

DATE.	TEMPERATURE.								PRECIPITATION.										DATE.										
	Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	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 un-melted. 8 p.m. to 8 p.m. * ††	Snow un-melted. 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.).
TUESDAY 1	94	71	23	8	82	78	+4	+4	R	4:15P	4:35P										0.00	.14	-0.14	-0.14	0.0	0.0	0.0	0.0	1
2	97	74	23	4	86	78	+8	+12	R	4:15P	4:35P										T	.14	-.14	-.28	0	0	0	0	2
3	88	74	14	5	81	78	+3	+15													0	.15	-.15	-.43	0	0	0	0	3
+	90	71	19	1	80	78	+2	+17													0	.14	-.14	-.57	0	0	0	0	4
5	95	74	21	4	84	78	+6	+23	R	9:05P	---										.65	.14	+5.1	-.06	0	0	0	0	5
6	94	72	22	1	83	79	+4	+27	R	---	12:40A										0.01	.14	-.13	-.19	0	0	0	0	6
7	78	63	15	13	70	79	-9	+18													0	.13	-.13	-.32	0	0	0	0	7
8	84	60	24	3	72	79	-7	+11													0	.15	-.15	-.47	0	0	0	0	8
9	84	63	21	2	74	79	-5	+6													0	.14	-.14	-.61	0	0	0	0	9
10	89	70	19	6	80	79	+1	+7	R	12:25A	1:35A	R	7:03A	7:08A	R	3:05P	3:12P	R	3:55P	4:40P	.05	.14	-.09	-.70	0	0	0	0	10
11	87	68	19	2	78	79	-1	+6													0	.14	-.14	-.84	0	0	0	0	11
12	92	71	21	4	82	79	+3	+9	R	7:29A	7:32A	R	4:07P	4:26P							.08	.14	-.06	-.90	0	0	0	0	12
13	90	70	20	2	80	79	+1	+10													0	.13	-.13	-.103	0	0	0	0	13
14	97	74	23	6	86	79	+7	+17													0	.13	-.13	-.116	0	0	0	0	14
15	91	70	21	6	80	79	+1	+18	R	1:03P	1:50P	R	3:05P	5:25P							.36	.14	+22	-.94	0	0	0	0	15
16	85	66	19	4	76	80	-4	+14													0	.13	-.13	-.107	0	0	0	0	16
17	81	62	19	4	72	80	-8	+6	R	12:50P	1:02P	R	7:30P	7:35P							T	.13	-.13	-.120	0	0	0	0	17
18	93	71	22	10	82	80	+2	+8	R	1:11A	1:55A										1.42	.12	+1.30	+1.10	0	0	0	0	18
19	88	68	20	4	78	80	-2	+6	R	4:05P	7:25P										.20	.12	+0.8	+1.18	0	0	0	0	19
20	87	68	19	0	78	80	-2	+4	R	9:25P	10:NP										.02	.13	-.11	+1.07	0	0	0	0	20
21	86	64	22	3	75	80	-5	-1													0	.13	-.13	-.06	0	0	0	0	21
22	86	63	23	1	74	80	-6	-7													0	.14	-.14	-.20	0	0	0	0	22
23	86	66	20	2	76	80	-4	-11													0	.14	-.14	-.34	0	0	0	0	23
24	94	69	25	6	82	80	+2	-9	R	7:01P	7:07P	R	7:53P	8:07P	R	8:35P	10:05P	R	11:33P	---	.17	.15	+0.2	-.32	0	0	0	0	24
25	84	69	15	6	76	80	-4	-13	R	---	12:10A?	R	2:15A?	2:35A?	R	4:30A?	6:40A	R	9:11A	9:20A	.28	.16	-.02	-.36	0	0	0	0	25
26	75	66	9	6	70	80	-10	-23	R	9:55A	12:33P	R	5:23P	6:10P							.01	.16	-.15	-.61	0	0	0	0	26
27	89	65	24	7	77	79	-2	-25													0	.17	-.17	-.68	0	0	0	0	27
28	92	71	21	5	82	79	+3	-22	R	3:01P	3:02P										T	.17	-.17	-.85	0	0	0	0	28
29	96	73	23	2	84	79	+5	-17	R	2:20P	2:24P	R	2:24P	2:25P	R	2:25P	3:15P				.56	.16	+4.0	-.45	T	0	0	0	29
30	97	71	26	0	84	79	+5	-12													0	.16	-.16	-.61	0	0	0	0	30
31	96	73	23	0	84	79	+5	-7													0	.16	-.16	-.77	0	0	0	0	31
S	2165	2130	635	126	2148	2455	Total excess or deficiency since January 1, +381		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.65	4.42	Total excess or deficiency since January 1, -2.74		T	0	(a)	(a)	
M	89.2	68.7	20.5	4.1	79.0	(a)			(a)	(a)	(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^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.