U.S. COAST AND GEOGRAPHIC SURVEY

RECORD OF OBSERVATIONS at Richmond Va., for the Month of January, 1912.

Date.	TEMPERATURE. Maximum (b)	Minimum (b)	Range (b)	Change (b)	Mean. (Max. 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 (incl. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	54	32	22	7	43	38	+5	+5													0	.11	-11	-11	0	0	0	0	1
2	44	28	16	7	36	38	-2	+3													0	.11	-11	-22	0	0	0	0	2
3	38	33	5	0	36	38	-2	+1	S^m	6:15p	9:15p										T	.10	-10	-32	0	* T	0	T	3
4	39	29	10	2	34	38	-4	-3	S^d	12:30a	4:30a										.04	.10	-06	-38	0	0.4	0	.04	4
5	32	9	23	14	20	38	-18	-21													0	.10	-10	-48	0	0	0	0	5
6	19	7	12	7	13	38	-25	-46	S^d	11:00p	——										T	.10	-10	-58	0	0	0	T	6
7	34	12	22	10	23	38	-15	-61	S^d	——	5:00a										.23	.12	+11	-47	0	3.5 (5.5)	3.5	.23	7
8	24	9	15	7	16	38	-22	-83	S^d	9:40a	12:22p	Sl	12:22p	1:40p	Sl/R	1:40p	2:05p	R/S	7:05p 2:05p	7:05p	.41	.12	+29	-18	0.5	5.0 (5.0)	5.0	.06	8
9	33	24	9	12	28	38	-10	-93	R	——	4:00a										.02	.12	-10	-28	0	3.5 (3.5)	3.5	0	9
10	41	19	22	2	30	38	-8	-101													0	.10	-10	-38	0	0	2.6	0	10
11	32	23	9	2	28	38	-10	-111													0	.10	-10	-48	0	0	2.5	0	11
12	23	13	10	10	18	38	-20	-131	S^d	1:00a	8:40a 5:30p	R/Sl	8:40a	10:50a	S^d	10:50a	5:30p				.16	.10	+06	-42	T	1.5	2.7	.15	12
13	13	1	12	11	7	38	-31	-162													0	.10	-10	-52	0	0	2.7	0	13
14	20	-1	21	3	10	38	-28	-190	S^d	6:10p	9:45p	S^d	11:15p	11:45p	S^d	11:30a	5:30p				.02	.10	-08	-60	0	0.4	3.1	.02	14
15	29	15	14	12	22	38	-16	-206	S^d	3:40p	5:15p	S^d	9:30p	10:20p							T	.10	-10	-70	0	.01	2.8	T	15
16	25	8	17	6	16	38	-22	-228													0	.11	-11	-81	0	T	2.6	0	16
17	40	8	32	8	24	38	-14	-242													0	.09	-09	-90	0	0	2.4	0	17
18	54	34	20	20	44	38	+6	-236	R	10:00p	——										T	.08	-08	-98	0	0	T	0	18
19	57	28	29	2	42	38	+4	-232	R	——	9:50a										.10	.09	+01	-97	0	0	0	0	19
20	36	21	15	14	28	38	-10	-242													0	.09	-09	-106	0	0	0	0	20
21	47	25	22	8	36	38	-2	-244													0	.09	-09	-115	0	0	0	0	21
22	58	34 (32)	24 (26)	9 (10)	46 (45)	38	+7 (+8)	-236 (-236)													0	.09	-09	-124	0	0	0	0	22
23	58	38	20	3 (2)	48	38	+10	-226 (-226)													0	.09	-09	-133	0	0	0	0	23
24	56	32	24	4	44	38	+6	-220	R	12:55p	1:20p										T	.10	-10	-143	0	0	0	0	24
25	37	25	12	13	31	38	-7	-228													0	.10	-10	-153	0	0	0	0	25
26	29	23	6	5	26	38	-12	-240 (-239)	Sl.	8:50a	2:15p	Sl/R	2:15p	6:00p							.16	.08	+08	-145 (-137)	T	0	0	0	26
27	34	22	12	2	28	38	-10	-250 (-249)													0	.08	-08	-153	0	0	0	0	27
28	29	21	8	3	25	38	-13	-263	R	8:40p	——										T	.08	-09	-162	0	0	0	0	28
29	33	24	9	3	28	38	-10	-273	R	8:5	8:30a	R	9:15a	——							120	08	+112	-50	0	0	0	0	29
30	37	32	5	6	34	38	-4	-277	R	——	6:40a	R	4:30p	4:40p							T	.09	-09	-59	0	0	0	0	30
31	35	26	9	4	30	38	-8	-285	S	3:00a	5:00a										T	.09	-09	-68	T	T	0	T	31
S.	1140	652	488	216	893	1178	Total excess or deficiency since January 1.	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	234	30.2	Total excess or deficiency since January 1.	0.5	8.9	(a)	(a)	(a)	
M.	36.8	21.0	15.7	7.0	28.8	(a)	-285	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-.68	(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.