

STATION METEOROLOGICAL SUMMARY

RICHMOND, VIRGINIA (CITY OFFICE, CHIMBORAZO PARK) TEL. 3-5674

OCTOBER 1951

Latitude 37° 52' N.

Longitude 77° 25' W.

Eastern Standard time used

Main meteorological data table with columns for Date, Temperature (Max, Min, Avg, Departure, Degree days), Precipitation, Snow/Sleet/Hail, Wind (Prevailing, Avg speed, Fastest), Sunshine, Sky cover, and 24-Hrs. Ending 5 PM (Max, Min, Total, James River Stage at 8 A.M.).

Summary statistics table including TEMPERATURE (Average monthly, Departure from normal, etc.), HEATING DEGREE DAYS, PRECIPITATION, and BAROMETRIC PRESSURE.

It was a warm, dry month.

HOURLY PRECIPITATION

Hourly precipitation table with columns for Date, A.M. Hour ending at (1-12), P.M. Hour ending at (1-12), and Date.

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STATION METEOROLOGICAL SUMMARY

Richmond, Va. (Airport Station, Byrd Field)

October 1951

Latitude 37° 30' N.

Longitude 77° 20' W.

Eastern

Standard time used

Date	Temperature (°F)				Precipitation		Snow, Sleet, Hail or Ice on ground at 7:30PM (In.)	Wind			Sunshine		Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	20	21	22	23	Date
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Total (Water equivalent) (In.)		Snow, Sleet, Hail (In.)	Prevailing direction	Average speed (m. p. h.)	Fastest mile	Total (hours and minutes)	Percent of possible	Sunrise to sunset (tenths)							
1	81	54	68	+4	0	0	0	SE	6.0	10	SE	5:48	49	6	5						1
2	85	58	72	+8	0	0	0	S	7.5	14	E	11:24	97	4	5						2
3	82	58	70	+7	0	0	0	NNE	11.0	23	NE	7:05	60	9	8						3
4	75	66	71	+8	0	.02	0	N	13.1	23	N	0:00	0	10	10			F			4
5	92	66	79	+16	0	0	0	NW	8.3	20	NW	10:28	90	0	0						5
6	92	63	78	+16	0	0	0	NW	5.3	10	W	8:55	77	4	2						6
7	87	65	76	+14	0	1.86	0	ENE	7.8	17	SE	2:57	25	7	8			T, DL			7
8	68	48	58	-4	7	.02	0	NW	6.5	13	NW	5:54	51	7	7						8
9	59	42	51	-10	14	0	0	NNE	6.5	17	NE	1:19	11	9	6						9
10	56	41	49	-12	16	.24	0	NNW	10.8	17	NE	0:00	0	9	7						10
11	60	43	52	-8	13	.18	0	NW	7.1	15	NW	3:02	26	8	7						11
12	67	40	54	-6	11	0	0	WNW	5.0	14	N	11:08	97	0	0						12
13	64	42	53	-7	12	0	0	NE	7.8	17	NE	8:26	74	3	2						13
14	70	46	58	-1	7	0	0	NNE	8.8	17	NE	9:07	81	3	3						14
15	73	55	64	+5	1	0	0	N	7.5	15	NE	2:18	20	9	8						15
16	75	57	66	+8	0	0	0	NNE	8.8	20	NE	3:33	32	2	4						16
17	71	53	62	+4	3	0	0	N	10.0	15	NE	1:39	15	8	5						17
18	67	60	64	+6	1	T	0	N	12.3	20	N	0:06	1	10	10						18
19	64	58	61	+4	4	T	0	N	6.7	15	N	0:00	0	10	10						19
20	61	49	55	-2	10	T	0	NW	5.7	14	NE	0:00	0	10	9						20
21	70	45	58	+2	7	0	0	ENE	4.8	10	NE	4:21	39	7	7			F			21
22	68	54	61	+5	4	0	0	E	5.3	10	E	0:37	6	9	8						22
23	75	51	63	+8	2	0	0	E	6.0	14	SE	5:55	54	5	5			F, F			23
24	77	55	66	+11	0	.17	0	SSE	8.5	18	S	1:58	18	10	9						24
25	67	44	56	+2	9	0	0	NNW	4.3	12	NW	10:54	100	0	0						25
26	72	39	56	+2	9	0	0	NW	4.7	8	S	8:27	78	4	4						26
27	76	45	61	+7	4	0	0	SSW	5.8	9	SE	7:56	73	6	7						27
28	75	55	65	+11	0	.08	0	SW	7.1	12	SW	1:00	9	9	7						28
29	60	41	51	-2	14	0	0	N	6.2	12	N	7:48	73	5	5						29
30	59	47	53	0	12	T	0	S	5.0	8	S	0:00	0	10	10						30
31	74	54	64	+12	1	.14	0	SSW	5.7	12	SW	2:16	21	10	9						31
Sum	2222	1594				2.71	0			225.9		144:21		208	187						Sum
Avg.	71.7	51.4								7.3	Fastest	Dir.	Possible	%	6.7	6.0					Avg.
										Misc.	23	NE	348:23	41							Misc.

T in columns 7, 8, and 9 indicates amount too small to measure.

TEMPERATURE: (°F) HEATING DEGREE DAYS (base 65°): PRECIPITATION: (In.) Symbols used in columns 18-19

Average monthly 61.6 Total this month 161 Total for the month 2.71

Departure from normal +3.4 Departure from normal - Departure from normal -

Highest 92 on 5th, 6th Seasonal total (since July 1) 183 Greatest in 24 hours 1.88 on 7th, 8th

Lowest 39 on 26th Seasonal departure from normal - Snow, Sleet and Hail -

Number of days with - Total for the month 0

Max. 32° or below 0 BAROMETRIC PRESSURE (In.) Greatest in 24 hours 0 on -

Max. 90° or above 2 Avg. station (elev. 164 feet, m.s.l.) 29.934 Greatest depth on ground 0 on -

Min. 32° or below 0 Highest sea level 30.53 on 13th, 14th Dates of - Hail 0

Min. 0° or below 0 Lowest sea level 29.59 on 28th Sleet 0 Glaze 0

Errata, 1001-C: Aug., 1951 Percent of Possible Sunshine (for the month) 64%

Sept., 1951 Minimum Temperature 25th 65°; Monthly Minimum Temperature Avg., 58.8°.

A - Hail L - Drizzle
 BS - Blowing snow N - Sand
 DL - Distant lightning R - Rain
 D - Dust S - Snow
 E - Sleet T - Thunderstorm
 F - Fog ZL - Freezing drizzle
 H - Haze ZR - Freezing rain
 K - Smoke

HOURLY PRECIPITATION

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4	T	T	T	T		.01	.01	T	T	T	T	T	T	T	T								T	4	
5																								5	
6																								6	
7																			1.12	.30	.38	.06		7	
8																								8	
9	.01	.01	T																					9	
10																								10	
11	T	.02	.13	.01	.01	.01	T											.02	.02	.02	.03	.01	.01	11	
12																								12	
13																								13	
14																								14	
15												T	T											15	
16												T	T											16	
17																								17	
18				T	T	T												T	T					18	
19							T		T													T	T	19	
20	T																							20	
21																								21	
22																								22	
23																								23	
24																			.05	.12				24	
25																								25	
26																								26	
27																								27	
28			.02	.01	.03	.02	T	T	T															28	
29																								29	
30				T					T															30	
31										T												.01	T	.13	31