

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

RICHMOND, VIRGINIA
 BYRD FIELD
 JUNE 1962

Latitude 37° 30' N. Longitude 77° 20' W. Elevation (ground) 162 ft. Eastern Standard time used

Date	Temperature (°F)			Departure from normal	Degree days (base 65°)	Precipitation		Snow, Sleet or Ice on ground at 7:00 AM (In.)	Snow, Sleet (In.)	Snow, Sleet or Ice on ground at 7:00 AM (In.)	Wind			Sunshine		Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	Cooling Degree Days (Base 60°)	James River Stage at City Locks* Stage in feet 8 AM	Date	
	Maximum	Minimum	Average			Total (Water equivalent) (In.)	Prevailing direction				Average speed (m. p. h.)	Fastest mile	Total (hours and minutes)	Percent of possible	Sunrise to sunset (tenths)	Midnight to midnight (tenths)							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	91	68	80	+9	0	0	0	0	WSW	6.4	11	E	9:25	65	9	8	DL		15	0.1		1	
2	91	64	78	+6	0	0	0	0	SSW	6.4	11	S	8:25	58	7	6	DL		14	0.8		2	
3	71	61	66	+1	0	.22	0	0	ENE	6.8	12	NE	0:00	0	10	10			7	0.1		3	
4	72	60	66	+1	0	0	0	0	ENE	5.3	9	E	0:00	0	10	10			7	2.1		4	
5	82	67	75	+2	0	.12	0	0	SW	7.0	13	SW	0:57	6	10	10	DL		12	2.7		5	
6	86	62	74	+1	0	0	0	0	N	7.7	15	N	9:25	64	5	4			12	2.7		6	
7	85	56	71	+2	0	0	0	0	ENE	6.1	12	SE	11:07	76	6	4			9	2.9		7	
8	84	56	70	+3	0	0	0	0	SE	5.6	9	SE	10:28	71	7	5			6	2.5		8	
9	86	49	68	+5	0	0	0	0	SSE	7.1	13	S	14:16	97	2	1			8	1.5		9	
10	88	62	75	+1	0	0	0	0	SSW	8.2	13	SW	11:51	81	3	2			12	0.9		10	
11	91	66	79	+5	0	0	0	0	SW	10.1	16	SW	11:45	80	5	5	DL		15	-0.5		11	
12	78	70	74	+0	0	2.26	0	0	SSW	8.0	13	SW	0:12	1	10	10			12	-1.2		12	
13	75	64	70	-4	0	1.48	0	0	NE	7.6	13	N	0:31	4	10	10	DL		10	3.1		13	
14	71	62	67	-7	0	.01	0	0	NE	6.3	8	SE	0:00	0	10	10			7	3.5		14	
15	83	62	73	-2	0	0	0	0	N	5.4	11	N	10:24	71	4	4			10	1.9		15	
16	90	59	75	+0	0	0	0	0	WSW	4.8	9	N	11:00	75	2	1			11	1.6		16	
17	92	60	76	+1	0	0	0	0	SW	6.0	10	SW	12:02	82	2	2			14	1.4		17	
18	95	64	80	+5	0	0	0	0	SSW	4.9	10	W	12:16	83	1	1			16	1.4		18	
19	97	70	84	+9	0	.04	0	0	SW	8.1	20	NW	11:58	81	5	6			17	1.5		19	
20	81	67	74	-1	0	1.25	0	0	WSW	7.1	9	NE	0:37	4	10	10	T		12	2.0		20	
21	83	64	74	-1	0	0	0	0	N	7.4	11	NE	13:31	91	3	4			10	2.3		21	
22	84	60	72	-4	0	0	0	0	S	5.1	10	SW	10:25	71	7	6			12	3.1		22	
23	91	69	80	+4	0	0	0	0	SSW	7.0	12	S	8:58	61	8	8			15	2.9		23	
24	93	69	81	+5	0	0	0	0	SW	6.6	11	N	11:03	75	6	7	T		16	1.8		24	
25	91	69	80	+4	0	0	0	0	N	5.6	10	NE	10:45	73	7	8			16	1.6		25	
26	84	71	78	+2	0	.13	0	0	NE	5.2	10	E	2:32	17	10	10	T		13	2.0		26	
27	85	67	76	+0	0	0	0	0	E	7.2	14	E	4:07	28	10	9			13	-0.4		27	
28	80	60	70	-7	0	0	0	0	NE	8.4	16	E	8:52	60	9	9			8	0.6		28	
29	76	59	68	-9	0	0	0	0	NNE	8.6	11	NE	2:17	16	10	10			8	1.3		29	
30	81	66	74	-3	0	.06	0	0	NNE	12.0	25	NE	4:59	34	10	9			10	1.0		30	
31																							31
Sum	2537	1903				5.57	0			20.80			224:08		208	199			34.7	47.2			Sum
Avg	84.6	63.4								6.9	Fastest	Dir.	Possible	%	6.9	6.6				1.6			Avg.
											Misc.	25	NE	141:09	51								Misc.

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.

TEMPERATURE: (°F) Average monthly 74.0
 Departure from normal -0.6
 Highest 97 on 19th
 Lowest 49 on 9th
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 10
 Min. 32° or below 0
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°): Total this month 0
 Departure from normal 0
 Seasonal total (since July 1) 4072
 Seasonal departure from normal +117

PRECIPITATION: (In.) Total for the month 5.57
 Departure from normal +1.82
 Greatest in 24 hours 3.73 on 12-13th
 Snow, Sleet -
 Total for the month 0
 Greatest in 24 hours 0 on -
 Greatest depth on ground 0 on -
 Dates of - Hail 0
 Sleet 0
 Glass/Rime 0

BAROMETRIC PRESSURE (In.) Avg. station (elev. 164 *feet, m.s.l.) 29.847
 Highest sea level 30.34 on 9th
 Lowest sea level 29.78 on 6th

Greatest precipitation in 24 hours sets a new all time record for the month, exceeding the 3.69 inches on June 27-28, 1938.

EXCESSIVE PRECIPITATION

Period:	Minutes	5	10	15	20	30	45	60	80	100	120	150	180
June 12th	Amounts	.25	.46	.58	.69	.74	.79	.81	.82	.83	.85	.86	.86
June 13th		.20	.26	.30	.33	.39	.47	.52	.57	.61	1.15	1.24	1.43
June 20th		.17	.20	.40	.45	.50	.55	.63	.69	.76	.81	.88	.92

Symbols used in columns 18-19
 A = Hail
 BS = Blowing snow
 DL = Distant lightning
 D = Dust
 E = Sleet
 F = Fog
 H = Haze
 K = Smoke
 L = Drizzle
 N = Sand
 R = Rain
 S = Snow
 T = Thunderstorm
 ZL = Freezing drizzle
 ZR = Freezing rain

*When this elevation differs from the present station elevation this level was selected to permit comparison of data for a longer period of homogeneous record.
 **Zero of City Locks gage at 0 ft, MSL

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				T																					3	
4				T		.19																			4	
5																									5	
6																									6	
7																									7	
8																									8	
9																									9	
10																									10	
11																									11	
12																									12	
13		T	T																						13	
14		.51	.04	.37	.04	.15	.33	.02	.01	.01	T	.03	.02	.02	.02	.40	.45	.01	.01	.06	.05	.02	.05	.21	.44	.48
15																										15
16																										16
17																										17
18																										18
19																										19
20																										20
21		T														.08	.59	.19	.06	T	.01	T	.13	.19	T	21
22																										22
23																										23
24																										24
25																										25
26				T	.07	.03	T	.02	.01	T	T															26
27																										27
28																										28
29																										29
30																										30
31																										31

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