

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

RICHMOND, VIRGINIA
BYRD FIELD
JUNE 1960

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

Date	Temperature (°F)				Precipitation		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°)	STAGE James River 8:00AM (feet)	Date		
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Total (Water equivalent) (In.)		Snow, Sleet (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)
											Speed (m. p. h.)	Direction									
1	85	55	70	-1	0	0	0	W	6.6	12	W	14:36	100	2	2				1		
2	88	58	73	+1	0	.12	0	S	10.0	23	S	12:02	82	6	7	T		7	2.5	2	
3	85	64	75	+3	0	.06	0	S	9.0	26	S	5:39	38	9	9			10	1.7	3	
4	79	68	74	+2	0	.11	0	E	7.3	19	S	7:14	49	10	10	DL		11	1.4	4	
5	84	63	74	+1	0	0	0	S	4.7	12	N	11:03	75	8	8			11	0.0	5	
6	87	63	75	+7	0	0	0	NE	7.3	17	NE	13:30	92	6	6			12	-0.3	6	
7	79	61	70	-3	0	0	0	NE	9.2	17	NE	11:28	78	8	6			6	0.1	7	
8	77	58	68	-5	0	0	0	NE	7.7	15	E	11:07	76	8	7			5	1.3	8	
9	78	52	65	-8	0	0	0	NNE	9.1	17	NE	12:58	88	4	3			3	1.8	9	
10	76	49	63	-11	2	0	0	NNE	8.7	17	NE	14:43	100	3	2			1	2.5	10	
11	86	51	69	-5	0	0	0	SW	6.8	11	SW	14:38	99	3	3			7	3.0	11	
12	93	61	77	+3	0	T	0	WSW	9.0	17	W	12:02	87	7	8	T		13	3.4	12	
13	88	66	77	+3	0	0	0	ESE	7.5	15	N	10:50	74	9	9	DL		12	3.1	13	
14	93	69	81	+7	0	.07	0	S	11.3	23	SW	13:03	88	5	6	DL		14	3.2	14	
15	89	62	76	+1	0	0	0	S	8.9	14	NW	12:06	82	6	4			12	2.8	15	
16	90	58	74	+1	0	0	0	SSE	7.4	14	S	14:39	98	3	2			11	2.4	16	
17	93	73	83	+8	0	0	0	S	13.8	26	S	10:24	70	6	6	T		15	1.4	17	
18	84	63	74	-1	0	0	0	NNE	7.5	14	N	10:33	71	7	6			11	-0.7	18	
19	87	59	73	-2	0	0	0	NE	5.4	10	N	13:02	88	4	4			9	-0.2	19	
20	90	66	78	+3	0	0	0	NNE	6.1	14	NE	12:12	83	5	6			12	1.1	20	
21	82	65	74	-1	0	0	0	NE	11.7	20	NE	9:04	61	9	8			9	0.2	21	
22	81	63	72	-1	0	0	0	NNE	4.7	8	NE	5:10	35	10	10			9	0.9	22	
23	90	67	79	+3	0	0	0	WSW	7.0	11	S	10:03	68	10	8			14	1.2	23	
24	98	66	82	+6	0	.10	0	WSW	9.8	17	NW	11:45	80	7	7	T		11	1.4	24	
25	86	61	74	-2	0	0	0	NW	6.8	13	N	10:10	69	7	7			9	1.0	25	
26	81	57	69	-7	0	0	0	S	4.8	11	E	10:25	71	9	7			6	1.7	26	
27	87	49	68	-8	0	0	0	SE	5.4	14	S	14:46	100	0	0			7	1.7	27	
28	89	56	73	-4	0	0	0	ESE	6.8	20	SE	13:53	94	2	3			9	2.4	28	
29	92	65	79	+2	0	.45	0	SSW	11.5	31	N	8:33	58	8	9	T		13	2.6	29	
30	92	67	80	+3	0	0	0	SW	7.7	14	S	12:20	84	10	9	DL		14	2.0	30	
31																				31	
Sum	2589	1835				.91	0		239.5			343:58		191	182			292	49.0	Sum	
Avg.	86.3	61.2							8.0	Fastest	Dir.	Possible	%	6.4	6.1			9.7	1.6	Avg.	
T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.										Misc.	31	N	441:47	78						Misc.	

TEMPERATURE: (°F) Average monthly 73.8; Departure from normal -0.5; Highest 98 on 24th; Lowest 49 on 10th, 27th.

HEATING DEGREE DAYS (base 65°): Total this month 2; Departure from normal +2; Seasonal total (since July 1) 4212; Seasonal departure from normal +257.

PRECIPITATION: (In.) Total for the month .91; Departure from normal -2.96; Greatest in 24 hours .45 on 29th. 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; Glaze 0.

BAROMETRIC PRESSURE (In.) Avg. station (elev. 164 *feet, m. s. l.) 29.827; Highest sea level 30.29 on 10th; Lowest sea level 29.75 on 24th.

Symbols used in columns 18-19: A = Hail, B3 = 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.

Driest June for entire period of record. Previous minimum monthly total was .99 inch in 1950. A new low temperature record for the date was set on the 27th.

NO EXCESSIVE PRECIPITATION

Errata: May 1960: Minimum temperature 49; Sum of column 1650; monthly average minimum temperature 53.2.

HOURLY PRECIPITATION (In.)

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																				4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15			.07	T																				15	
16																								16	
17																								17	
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26																								26	
27																								27	
28																								28	
29																								29	
30																								30	
31																								31	

Known errors found in this issue will be published as errata in later issues.

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DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

EMBORAZO PARK, RICHMOND, VIRGINIA
 NATIONAL BATTLEFIELD PARK HEADQUARTERS
 JUNE 1960

Latitude 37° 32' N. Longitude 77° 27' W. Elevation (ground) 170 ft. Eastern Standard time used

Date	Temperature (°F) ¹				Precipitation		Snow, Sleet, or Ice on ground at (In.)	Prevailing direction	Wind		Sunshine Total (hours and minutes)	Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less					Date			
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Total (Water equivalent) (In.)			Snow, Sleet (In.)	Average speed (m. p. h.)		Fastest mile	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	83	58	71	-1	0	.7																	1
2	84	59	72	0	0	0																	2
3	88	64	76	+4	0	.04																	3
4	85	67	76	+3	0	.14																	4
5	81	69	75	+2	0	0																	5
6	86	66	76	+3	0	0																	6
7	87	63	75	0	0	0																	7
8	80	61	71	-2	0	0																	8
9	78	55	67	-7	0	0																	9
10	79	52	66	-8	0	0																	10
11	77	51	64	-10	0	0																	11
12	82	62	72	+2	0	0																	12
13	91	67	79	+4	0	0																	13
14	89	66	78	+3	0	0																	14
15	89	68	79	+4	0	0																	15
16	85	62	74	-1	0	0																	16
17	88	71	80	+5	0	0																	17
18	91	68	80	+4	0	0																	18
19	85	61	73	-3	0	0																	19
20	82	66	74	-2	0	0																	20
21	90	68	79	+3	0	0																	21
22	83	63	73	-3	0	0																	22
23	82	67	75	-1	0	0																	23
24	90	67	79	+3	0	0																	24
25	98	68	83	+6	0	0																	25
26	86	62	74	-3	0	0																	26
27	82	55	69	-8	0	0																	27
28	89	60	75	-2	0	0																	28
29	89	66	78	+1	0	0																	29
30	92	67	80	+3	0	0																	30
31						.36																	31
Sum	2571	1899				.54																	Sum
Avg	85.7	63.3									Fastest	Dir.	Possible	%									Avg.
											Misc.												Misc.

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

TEMPERATURE: (°F)
 Average monthly 74.5
 Departure from normal -0.2
 Highest 98 on 25th
 Lowest 51 on 11th
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 6
 Min. 32° or below 0
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 1
 Departure from normal +1
 Seasonal total (since July 1) 1255
 Seasonal departure from normal +535

BAROMETRIC PRESSURE (In.):
 Avg. station (elev. *feet, m. s. l.)
 Highest sea level on
 Lowest sea level on

PRECIPITATION: (In.)
 Total for the month .54
 Departure from normal -3.24
 Greatest in 24 hours .36 on 29th, 30th
 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 Glaze 0

Symbols used in columns 18-19

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

¹ Observation day for 24 hours ending at 8 A.M. Maximum temperatures will usually have occurred on calendar day preceding date of entry.

Errata: May 1960: Heating degree days - seasonal departure from normal +534.