

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

LEAS, RICHMOND, VA.
BYRD FIELD
MAY 1959

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

Date	Temperature (°F)			Precipitation (Total (Water equivalent) (In.))	Snow, Sleet (In.)	Snow, Sleet or Ice on ground at 7:00AM (In.)	Prevailing direction	Wind		Sunshine (Total (hours and minutes))	Sky cover (Percent of possible)	Sunrise to sunset (tenths)	Midnight to midnight (tenths)	Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less	Cooling Degree Days (base 60)	STAGE James River 8:00AM (feet)	Date					
	Maximum	Minimum	Average					Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)										Direction				
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	76	54	65	+4	0	0	0	0	NNW	7.4	16	NW	13:40	99	6	4			2	2.3			1
2	86	49	68	+7	0	0	0	0	SSW	6.4	17	S	13:29	98	5	3			6	0.9			2
3	91	59	75	+13	0	.25	0	0	E	5.0	26	W	9:39	70	5	4	T		8	0.7			3
4	72	55	64	+2	1	0	0	0	NNE	7.0	13	NE	7:51	57	9	7			4	1.0			4
5	79	46	63	+1	2	0	0	0	ENE	3.5	7	SE	13:52	100	4	4			1	1.3			5
6	85	50	68	+5	0	0	0	0	S	6.6	14	S	13:54	100	4	4			5	1.7			6
7	92	58	75	+12	0	.22	0	0	SS	6.2	15	NW	12:08	87	7	7	T		5	1.7			7
8	74	50	62	-1	3	0	0	0	N	9.4	16	N	11:00	79	9	6			3	2.2			8
9	74	48	61	-3	4	0	0	0	SE	9.3	15	SE	12:00	86	7	8			0	2.1			9
10	78	57	68	+4	0	0	0	0	SSE	10.1	19	S	3:09	22	10	9			6	2.8			10
11	85	64	75	+11	0	0	0	0	SSW	9.4	14	SW	10:01	71	8	7			10	3.1			11
12	90	66	78	+14	0	0	0	0	SSW	10.2	18	SW	12:05	86	5	4			12	3.1			12
13	82	64	73	+8	0	.38	0	0	SSW	9.4	27	SW	2:30	18	10	8	T	RW	9	3.2			13
14	70	52	61	-4	4	0	0	0	NNW	7.5	12	W	4:03	29	9	7			4	2.9			14
15	65	42	54	-12	11	0	0	0	WNW	9.0	16	W	6:06	43	5	3			0	2.9			15
16	68	44	56	-10	9	0	0	0	SSW	7.1	12	SW	10:59	77	4	3			0	2.3			16
17	74	46	60	-6	5	0	0	0	SSE	6.2	15	S	14:15	100	6	6			0	0.9			17
18	68	56	62	-5	3	.54	0	0	SSE	6.9	15	NE	0:52	6	10	10			0	1.3			18
19	85	61	73	+6	0	0	0	0	S	8.9	17	S	8:23	59	3	6		F	10	0.3			19
20	85	67	76	+9	0	0	0	0	S	8.2	15	S	5:53	41	10	8			13	1.7			20
21	86	68	77	+9	0	0	0	0	S	10.1	17	S	7:51	55	9	8			13	1.0			21
22	89	68	77	+11	0	.38	0	0	SSW	7.9	25	NW	6:22	44	9	7	T		12	1.6			22
23	90	65	78	+10	0	0	0	0	SW	5.3	10	SW	8:44	61	8	6	T		12	2.4			23
24	78	56	67	-2	0	0	0	0	NNW	8.7	16	N	10:59	76	6	5			9	3.1			24
25	74	51	63	-6	2	0	0	0	SSE	7.3	14	NE	9:47	68	6	5			3	3.2			25
26	82	53	68	-1	0	0	0	0	SSE	6.6	15	S	14:20	99	6	5			5	4.0			26
27	85	63	74	+4	0	0	0	0	S	8.7	15	S	7:34	52	8	7			11	3.5			27
28	91	67	79	+9	0	0	0	0	S	6.2	10	S	12:35	87	3	5	T		14	2.7			28
29	91	70	81	+11	0	0	0	0	SW	6.1	13	W	13:17	91	6	6			17	2.3			29
30	91	70	81	+10	0	.01	0	0	SW	5.8	13	NE	8:47	60	8	8	T		13	2.2			30
31	78	68	73	+2	0	.66	0	0	SE	4.9	11	SE	0:49	6	10	10			11	1.6			31
Sum	2514	1787				2.44	0			231.3			286:54		215	186			222	65.9			Sum
Avg	81.1	57.6								7.5	Fastest	Dir.	Possible	%	6.9	6.0				2.1			Avg.
T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 27																							

TEMPERATURE: (°F)
 Average monthly 69.4
 Departure from normal +3.6
 Highest 92 on 7th
 Lowest 42 on 15th
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 7
 Min. 32° or below 0
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 44
 Departure from normal -22
 Seasonal total (since July 1) 3913
 Seasonal departure from normal -42

BAROMETRIC PRESSURE (In.)
 Avg. station (elev. 164 *feet, m. s. l.) 29.935
 Highest sea level 30.39 on 25
 Lowest sea level 29.68 on 14

PRECIPITATION: (In.)
 Total for the month 2.44
 Departure from normal -1.20
 Greatest in 24 hours .67 on 30-31
 Snow, Sleet -
 Total for the month 0
 Greatest in 24 hours 0 on -
 Greatest depth on ground 0 on -
 Dates of - Hail None
 Sleet None Glaze None

Symbols used in columns 18-19
 A = Hail L = Drizzle
 BS = Blowing snow N = Sand
 DL = Distant lightning R = Rain
 D = Dust S = Snow
 E = Sleet T = Thunderstorm
 F = Fog 2L = Freezing drizzle
 H = Haze ZR = Freezing rain
 K = Smoke
 *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.

Errata: Hourly precipitation for hour ending 11 A.M. on April 12, 1959 should be .18 (printed .15)
 This was the warmest May since 1953 and the fourth warmest in the 30 year Airport record. While precipitation was only 67% of the normal for the month it was remarkably well distributed.

Excessive Precipitation
 Period: Minutes 5 10 15 20 30 45 60 80 100 120 150 180
 May 31: Amounts .21 .30 .39 .45 .51 .54 .59 .61 .64 .66 .66 .66

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																								4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20																								20	
21																								21	
22																								22	
23																								23	
24																								24	
25																								25	
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.
 Subscription Price: \$1.50 per year including supplement and annual summary if published.
 Separate copies 15 cents for each month, 15 cents for annual.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.