

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

RICHMOND, VIRGINIA  
 BYRD FIELD  
 MARCH 1962

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

Date	Temperature (°F)						Precipitation		Snow, Sleet, or Ice on ground at 7:00 AM (In.)	Prevailing direction	Wind		Sunshine		Sky cover			Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less	Cooling Degree Days (base 60°)	James River Stage at City Locks at Stage in feet 8 AM			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	Total (hours and minutes)	Percent of possible	Sunrise to sunset (tenths)	Midnight to midnight (tenths)																				
1	42	38	36	-7	29	.04	T	0	NNE	13.0	22	N	9:41	85	4	6			0	4.3			1												
2	34	20	27	-17	38	0	0	0	NE	10.1	16	N	7:23	65	9	8			0	3.6			2												
3	42	18	30	-14	35	0	0	0	NNE	6.7	15	NE	10:59	96	4	2			0	2.7			3												
4	47	18	33	-11	32	0	0	0	SE	4.7	7	NE	9:05	79	8	6			0	2.2			4												
5	36	29	33	-12	32	1.35	9.3	0	NE	7.7	16	NE	0:00	0	10	9	T	F,S	0	2.1			5												
6	36	32	34	-11	31	.67	5.3	11	N	11.0	26	N	0:00	0	10	10			0	3.5			6												
7	38	32	35	-10	30	.09	0.6	9	NNE	18.3	28	N	4:37	40	9	9			0	4.6			7												
8	42	22	32	-14	33	0	0	5	N	8.8	16	NE	11:39	100	1	2			0	6.5			8												
9	39	29	34	-12	31	.16	1.0	4	N	3.1	4	N	0:00	0	10	10			0	5.2			9												
10	41	33	37	-9	28	T	0	3	N	6.4	11	N	1:31	13	10	10			0	4.4			10												
11	48	34	41	-6	24	.55	0	1	E	7.3	16	SE	0:57	8	10	10			0	4.0			11												
12	67	40	54	+7	11	.17	0	0	WNW	8.1	21	NW	8:57	76	7	6		F,R	0	4.8			12												
13	59	34	47	0	18	0	0	0	WNW	9.7	19	W	6:25	54	6	3			0	9.3			13												
14	53	32	43	-4	22	0	0	0	WNW	8.2	16	NW	3:05	26	9	7			0	11.0			14												
15	51	32	42	-6	23	0	0	0	ESE	3.8	6	W	0:58	8	9	9			0	8.6			15												
16	54	34	44	-4	21	T	T	0	NE	10.3	22	NW	9:43	81	4	5			0	4.7			16												
17	56	33	45	-3	20	0	0	0	NW	11.9	31	N	12:00	100	1	0			0	3.1			17												
18	56	33	45	-3	20	0	0	0	NNW	8.2	22	N	12:02	100	0	1			0	2.2			18												
19	59	25	42	-7	23	.03	0	0	SSW	6.3	17	S	6:21	53	7	6			0	2.1			19												
20	72	45	59	+10	6	.01	0	0	SE	7.7	15	SE	10:28	86	5	7			0	2.1			20												
21	59	46	53	+4	12	.67	0	0	SE	9.9	14	E	0:12	2	10	10	DL		0	2.9			21												
22	49	42	46	-3	19	T	0	0	NE	9.2	16	NE	0:00	0	10	10			0	4.4			22												
23	62	38	50	0	15	0	0	0	NW	7.0	11	N	5:26	44	6	5			0	8.4			23												
24	66	34	50	0	15	0	0	0	N	7.9	13	NW	9:30	77	6	4			0	10.0			24												
25	66	37	52	+2	13	0	0	0	N	6.7	13	N	10:18	84	7	6			0	6.6			25												
26	59	36	48	-2	17	0	0	0	NE	8.2	13	NE	3:17	27	10	8			0	4.5			26												
27	70	36	53	+2	12	0	0	0	NNW	9.4	16	N	12:24	100	3	2			0	3.9			27												
28	69	40	55	+4	10	0	0	0	NW	8.2	13	N	12:27	100	0	0			0	3.4			28												
29	78	41	60	+9	5	0	0	0	S	10.0	18	SW	11:28	92	5	5			0	2.5			29												
30	83	55	69	+18	0	0	0	0	SSW	12.9	22	SW	11:19	90	7	6			0	0.5			30												
31	82	58	70	+18	0	1.13	0	0	SSW	12.2	22	W	4:11	33	10	8			5	0.2			31												
Sum	1715	1068				4.87	16.2			272.9			206:23		207	190			10	137.9			Sum												
Avg	55.3	34.5								8.8	Fastest	Dir.	Possible	%	6.7	6.1					4.4			Avg.											
T	In columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.																		Misc.	31	N	370:52	56												Misc.

**TEMPERATURE: (°F)** Average monthly 44.9 Total this month 625  
 Departure from normal -1.8 Departure from normal +75  
 Highest 83 on 30th Seasonal total (since July 1) 3766  
 Lowest 18 on 3rd, 4th Seasonal departure from normal +148  
 Number of days with -  
 Max. 32° or below 0  
 Max. 90° or above 0  
 Min. 32° or below 12  
 Min. 0° or below 0

**HEATING DEGREE DAYS (base 65°):**  
 Total this month 625  
 Seasonal total (since July 1) 3766  
 Seasonal departure from normal +148

**PRECIPITATION: (In.)** Symbols used in columns 18-19  
 Total for the month 4.87  
 Departure from normal +1.45  
 Greatest in 24 hours 1.85 on 31-1st  
 Snow, Sleet—  
 Total for the month 16.2  
 Greatest in 24 hours 12.1 on 5-6th  
 Greatest depth on ground 11 on 6th  
 Dates of -  
 Hail 1st  
 Glaze/Rime 0

**BAROMETRIC PRESSURE (In.)**  
 Avg. station (elev. 164 feet, m. s. l.) 29.811  
 Highest sea level 30.60 on 2nd  
 Lowest sea level 29.29 on 6th

Greatest 24-hour snowfall and greatest depth on ground for any March on record occurred the 5th and 6th. The heavy snowfall also brought the winter total fall to be the greatest on record. Two minor floods occurred on the James River between Scottsville and Richmond: the first on March 14th reached a crest of 14.9 feet at Richmond's Westham Gage, while the second on March 24th reached a crest of 13.9 feet on the same gage. Flood stage at Westham is 12 feet. No excessive precipitation.

Errata: February 1962: Hourly Precipitation: Add on 3rd T at 4 and 5 A.M.  
 Add on 9th, starting at 9 A.M.: T, .06, .08, .14, .04, .16, .08, .01, T.

**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	T	.01	.02	.01	T																				1
2																									2
3																									3
4																									4
5											T	.05													5
6	.10	.04	.04	.04	.05	.06	.04	T					.12	.11	.19	.22	.20	.16	.09	.04	.04	.04	.05	.04	6
7	.03	.02	.02	.02	T										.01	.02	.03	.01	.03	.03	.03	.03	.03	.09	7
8																									8
9																									9
10	T																								10
11																									11
12	.02	T	.06	.03	.02	T	.04	T								.03	.03	.01	.03	.04	.05	.27	.09		12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20	.01	T	T														T	.01	.02					T	20
21																									21
22	T	T	T	.11	.07	.13	.10	.10	.08	T	.01	.01	T	T			.02	T			.02	.02	T	22	
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																	.27	.21	.15	.04	.10	.07	.06	.23	31

Corrections, if any, to data in this issue will be published in a later issue.  
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