

# Local Climatological Data



## MONTHLY SUMMARY

LATITUDE 37° 30' N LONGITUDE 77° 20' W ELEVATION (GROUND) 164 FT. STANDARD TIME USED: EASTERN WABN #13740

JUNE 1976

RICHMOND, VIRGINIA

300 FILE COPY

DATE	TEMPERATURE °F						DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 DRIZZLE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLINDING SNOW	SNOW-ICE PELLETS OR ICE ON GROUND AT 07AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. 177 H.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE			
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JAN.)	COOLING (SEASON BEGINS WITH JAN.)	WATER EQUIVA- LENT IN.			SNOW- PELLETS IN.	RESULTANT DIR.		RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT				
1	90	64	77	4	6	67	0	12	3	8	0	.15	0	29.70	23	6.2	8.3	22	NW	415	47	7	21	1
2	78	56	67	-4	63	0	2	1	1	8	0	.29	0	29.78	36	5.2	8.8	16	NE	254	29	9	9	2
3	64	54	59*	-12	55	6	0	1	0	1	0	.01	0	29.95	05	7.9	7.9	10	NE	0	0	10	10	3
4	75	52	64	-8	47	1	0	0	0	0	0	0	0	30.08	04	10.4	10.6	20	NE	733	84	9	8	4
5	76	47	62	-10	45	3	0	0	0	0	0	0	0	30.15	03	9.5	9.9	18	NE	870	99	1	0	5
6	82	45*	64	-8	48	1	0	0	0	0	0	0	0	30.01	29	3.3	4.9	9	W	876	100	1	1	6
7	85	51	68	-4	55	0	3	3	0	8	0	0	0	29.89	22	3.7	4.8	9	W	590	67	6	6	7
8	88	58	73	0	62	0	0	8	1	8	0	0	0	29.75	36	2.6	5.0	15	W	443	50	6	6	8
9	92	58	75	2	62	0	0	10	1	3	0	0	0	29.79	05	.6	4.2	8	SE	525	60	7	7	9
10	93	63	78	9	65	0	0	13	1	8	0	0	0	29.80	19	3.9	4.9	17	SE	465	53	2	4	10
11	92	68	81	8	65	0	0	16	1	8	0	0	0	29.66	23	5.4	6.0	11	SW	300	34	5	4	11
12	96*	66	81	7	67	0	0	16	1	8	0	0	0	29.72	08	1.4	6.8	17	E	478	54	5	9	12
13	68	63	66	-8	60	0	0	10	0	8	0	0	T	30.05	10	6.2	6.5	13	E	0	0	10	10	13
14	84	65	75	1	66	0	0	10	0	8	0	0	0	30.00	20	6.1	6.8	11	SW	331	3	7	9	14
15	91	68	80	6	69	0	0	15	0	8	0	0	0	29.98	20	8.3	8.5	13	SW	553	63	4	9	15
16	91	71	81	6	70	0	0	16	3	3	0	0	0	29.81	21	9.8	9.9	22	SW	901	57	9	9	16
17	79	69	74	-1	72	0	0	9	1	3	0	1.55	0	29.90	18	5.3	6.8	14	SW	24	3	10	10	17
18	89	69	79	4	71	0	0	14	1	0	0	0	0	29.93	17	6.7	7.3	13	SE	595	67	6	6	18
19	86	68	77	2	72	0	0	12	23	8	0	.18	0	29.82	15	7.6	7.8	14	SE	512	58	6	4	19
20	87	70	79	4	71	0	0	14	3	0	0	.17	0	29.75	18	8.8	8.9	22	SE	234	26	9	8	20
21	82	73	78	3	71	0	0	13	1	8	0	.01	0	29.82	16	10.8	10.9	18	S	288	33	9	9	21
22	86	69	78	2	71	0	0	13	1	8	0	.10	0	29.95	17	6.0	6.3	14	SE	467	53	8	8	22
23	86	67	77	1	70	0	0	12	1	8	0	0	0	30.01	18	5.5	6.0	10	SE	427	48	8	7	23
24	86	67	77	1	69	0	0	12	1	8	0	0	0	29.91	21	6.1	6.3	12	SW	623	70	8	7	24
25	91	69	80	4	71	0	0	15	1	3	0	.06	0	29.77	21	6.4	9.5	16	SW	579	65	8	8	25
26	86	68	77	1	70	0	0	12	1	8	0	0	0	29.89	35	4.3	6.8	11	W	247	28	9	8	26
27	93	64	78	3	67	0	0	14	1	8	0	0	0	29.95	31	.8	3.2	7	W	814	92	5	3	27
28	93	66	80	3	67	0	0	15	1	8	0	0	0	29.87	20	4.0	5.6	10	S	872	99	1	1	28
29	92	66	79	2	70	0	0	14	8	8	0	0	0	29.73	23	6.3	6.8	10	SW	671	76	5	5	29
30	90	71	81*	4	70	0	0	16	1	3	0	.16	0	29.62	19	7.3	7.9	24	NW	273	31	8	8	30

SUM	SUM	TOTAL		TOTAL		TOTAL		TOTAL		FOR THE MONTH		TOTAL		SUN		SUN	
2571	1006	11	307	NUMBER OF DAYS		2.85	0	29.86	18	2.6	7.1	24	NW	13960	FOR	200	194
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION	DEP.	0	DATE	30	MINUTE	MONTH	AVG.	AVG.		
85.7	63.5	74.6	0.4	65	1	31	2.01 INCH	11	-0.67			26468	53	6.7	6.5		

NUMBER OF DAYS		TOTAL		TOTAL		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.	
MAXIMUM TEMP.	MINIMUM TEMP.	3373	514	THUNDERSTORMS	8	PRECIPITATION	SNOW-ICE PELLETS	ICE PELLETS OR ICE AND DATE	
F 90° = 32°	F 32° = 0°	DEP.	DEP.	HEAVY FOG	1	1.72	16-17	0	
12	0	0	0	-566	109	CLEAR	4	PARTLY CLOUDY	11
								CLOUDY	15

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT.  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 † VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY.

HOUR	LOCAL TIME	AVERAGES						RESULTANT WIND	
		SKY COVER TENTHS	STATION PRESSURE IN.	AIR °F	NET WIND M.P.H.	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
01	5	29.87	68	65	84	87	5.5	18	2.6
04	5	29.86	66	64	83	91	4.9	19	2.4
07	6	29.89	70	67	85	85	6.1	20	2.1
10	7	29.89	79	70	66	55	8.7	21	1.8
13	7	29.87	83	71	65	58	9.4	20	3.0
16	7	29.83	83	71	65	58	9.5	18	4.4
19	7	29.84	77	70	66	70	7.0	14	3.2
22	6	29.87	70	67	65	84	5.6	16	2.8

HOUR	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
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