

Local Climatological Data



MONTHLY SUMMARY

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

DATE	TEMPERATURE °F			DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE	SNOW, ICE PELLETS OR ICE ON GROUND AT 07AM	PRECIPITATION		AVG. STATION PRESSURE	WIND			SUNSHINE		SKY COVER TENTHS				
	MAXIMUM	MINIMUM	AVERAGE			HEATING DEGREE DAYS WITH WIND	COOLING DEGREE DAYS WITH WIND			WATER EQUIV. IN.	SNOW, ICE PELLETS IN.		RESULTANT DIR.	AVERAGE SPEED	FASTEST MILE	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT			
1						7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
2	40	25	33	-5	13	32	0		T	0	0	29.82	29	14.5	14.7	23	NW	620	100	0	1	1
3	43	18	31	-7	12	34	0		0	0	0	29.91	29	10.4	11.1	17	NW	581	93	1	1	2
4	34	19	27	-11	20	38	0		0	.01	.2	29.84	27	1.2	4.6	5	N	235	38	10	6	7
5	53	27	40	2	29	25	0		0	0	0	29.77	27	5.8	7.9	17	N	494	78	10	6	7
6	36	22	29	-2	6	35	0		0	0	0	29.89	32	5.2	8.1	15	NW	483	77	7	4	4
7	31	13	22	-16	6	43	0		0	0	0	30.08	17	1.4	4.8	8	E	485	77	8	8	6
8	28	23	26	-12	24	39	0	1 4 6	5	.67	6.4	29.85	01	6.2	8.5	14	E	92	15	10	9	7
9	44	10	-7	-11	19	38	0	1 6 8	5	0	0	29.81	25	3.8	5.3	13	NW	634	100	4	3	8
10	29	8	19	-19	13	46	0	8 9	3	.08	1.6	29.82	02	11.1	11.9	22	N	457	72	9	7	8
11	32	-8	12	-27	1	53	0	8 8	4	0	0	30.11	29	3.5	7.8	17	N	570	64	3	3	10
12	23	-1	11	-28	2	54	0	8 4	4	0	0	30.27	36	2.7	4.6	10	N	465	73	10	7	11
13	36	16	26	-13	19	39	0	1 8 4	4	.01	.4	30.00	14	3.3	7.1	19	N	338	53	10	10	12
14	27	8	18	-21	10	47	0	1 8 4	4	0	0	30.05	36	9.2	10.2	18	N	556	86	7	6	13
15	28	7	18	-21	10	47	0	1 8 4	4	0	0	30.06	15	2.2	4.0	7	E	424	66	10	10	14
16	35	25	30	-9	26	35	0	1 6 8	4	0	0	29.82	05	7.1	7.3	10	E	260	40	10	10	15
17	36	18	28	-11	25	37	0	1 6 8	3	0	0	29.88	01	9.7	9.9	22	N	354	54	10	8	16
18	21	8	15	-25	3	50	0		3	0	0	30.49	01	12.0	12.4	20	N	448	69	5	5	17
19	14	6	10	-30	3	55	0		3	.36	7.2	30.50	03	10.3	10.6	16	NE	0	0	10	10	18
20	40	10	25	-15	19	40	0	4	14	.25	3.7	30.11	34	12.2	13.2	26	NW	586	89	3	4	19
21	44	3	24	-16	18	41	0	1 8	13	0	0	30.30	18	2.9	3.0	10	SW	681	100	2	1	20
22	50	27	39	-1	38	26	0	1 8	8	.10	0	30.07	20	7.3	7.8	15	SW	0	0	10	10	21
23	56	37	47	7	40	18	0	2 8	3	0	0	30.12	17	6	4.5	10	SE	391	59	8	10	22
24	48	35	42	1	39	23	0	2 8	8	.48	0	30.12	04	4.0	5.5	10	SE	79	12	9	10	23
25	43	38	41	0	41	24	0	1 3	0	2.84	0	29.81	03	7.1	7.8	15	N	0	0	10	10	24
26	44	39	42	1	41	24	0	1 3	0	1.36	0	29.71	03	9.0	11.7	17	NE	0	0	10	10	25
27	44	37	41	0	40	24	0	1	0	.01	0	29.45	25	4.5	6.9	16	SW	0	0	10	10	26
28	53	30	42	0	33	23	0	0	0	0	0	29.75	31	6.6	8.2	13	NW	677	100	2	2	27
29	59	28	44	2	33	21	0	1 8	0	0	0	30.01	07	7	3.0	6	S	679	100	2	3	28

FEBRUARY 1979 RICHMOND, VIRGINIA

SUM	SUM	TOTAL	TOTAL	TOTAL	TOTAL	FOR THE MONTH	TOTAL	%	SUM	SUM						
1071	528	1011	0	NUMBER OF DAYS	5.87	19.5	29.88	35	3.4	8.0	26	NW	10570	FOR	199	188
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	PRECIPITATION	DEP.	DATE: 19	POSSIBLE MONTH	AVG.	AVG.					
36.3	18.9	29.6	-10.8	21	294	>.01 INCH	11	2.96	18164	58	7.1	6.7				

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 † TRACE AMOUNT.
 * ALSO ON AN EARLIER DATE, OR DATES.
 HEAVY FOG - 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.

SUMMARY BY HOURS

LOCAL TIME	SKY COVER TENS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
			AIR °F	WET BULB °F	DEW PT. °F	TEMPERATURE				
01	8	29.96	25	24	20	82	7.1	35	4.1	
04	6	29.96	24	23	19	82	6.6	34	3.6	
07	7	29.89	22	22	18	85	6.3	35	3.4	
10	7	30.02	28	26	21	75	9.0	36	3.8	
13	7	29.98	34	30	22	65	10.3	35	4.2	
16	7	29.95	36	32	22	61	9.8	31	3.8	
19	7	29.97	32	29	23	72	7.4	01	1.0	
22	8	29.98	28	26	21	79	7.6	35	3.6	

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	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
1																								
2																								
3																								
4																								
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6																								
7	T	.06	.10	.06	.07	.09	.06	.07	.10	.06	T	T											T	
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20																								
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22																								
23																								
24	.01	T	T	T	.01	T	T	T	.02	.01	.04	.18												T
25	.02	T	.01	T	T	.01	T	T	T	T	T		.01	.04	.05	.06	.01	.03	.21	.04	.01	.01	T	.08
26																								.02
27																								.05
28																								

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Daniel B. Mitchell
 DIRECTOR, NATIONAL CLIMATIC CENTER

