

Local Climatological Data

MONTHLY SUMMARY



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

DATE	TEMPERATURE °F						DEGREE DAYS		WEATHER TYPES ON DATES OF OCCURRENCE	SNOW-ICE PELLETS OR ICE ON GROUND AT 07AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN.	WIND					SUNSHINE		SKY COVER TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS M/F IN JULY)	COOLING (SEASON BEGINS M/F IN JANUARY)	WATER EQUIVALENT IN			SNOW-ICE PELLETS IN	RESULTANT DIR.		RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.	DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT		
1	87	71	79	1	74	0	14	13	8	0	1.14	0	29.83	08	2.2	4.0	13	SE	419	50	10	10	1
2	87	71	79	1	74	0	14	2	8	0	.05	0	29.83	17	3.3	6.0	19	SE	462	55	9	8	2
3	89	72	81	3	75	0	16	1	8	0	.08	0	29.83	21	6.2	6.6	17	SE	456	54	9	9	3
4	87	70	79	1	73	0	14	13	8	0	.79	0	29.85	20	2.4	5.5	13	SW	324	38	10	10	4
5	88	70	79	1	74	0	14	13	8	0	.08	0	30.04	14	.8	4.9	16	SE	521	62	8	9	5
6	86	73	80	2	75	0	15	13	8	0	2.02	0	30.03	16	5.9	6.8	17	S	362	43	9	10	6
7	80	72	81	4	76	0	16	13	8	0	0	0	30.01	19	7.4	8.1	12	SW	651	78	7	7	7
8	91	74	83	6	76	0	18	1	8	0	0	0	30.00	22	7.2	7.5	13	SW	718	86	6	5	8
9	92	72	82	5	75	0	17	1	8	0	0	0	29.91	22	4.9	5.8	9	SW	722	87	6	8	9
10	89	70	80	3	72	0	15	13	8	0	.03	0	29.86	23	5.4	5.8	16	W	717	87	7	7	10
11	90	70	80	3	73	0	15	13	8	0	.36	0	29.85	20	5.9	6.6	15	S	661	80	8	8	11
12	89	71	80	3	75	0	15	1	8	0	T	0	29.83	19	4.8	5.3	8	SW	670	81	8	8	12
13	87	73	80	3	76	0	15	23	8	0	T	0	29.84	10	3.1	5.5	13	NE	532	65	9	8	13
14	80	72	81	4	76	0	16	2	8	0	.06	0	29.83	03	3.7	4.6	8	E	528	65	9	8	14
15	92	74	83	6	76	0	18	2	8	0	0	0	29.83	15	3.0	3.9	10	SW	584	71	8	7	15
16	95	73	84	8	75	0	19	1	8	0	0	0	29.83	22	4.8	5.3	10	SW	680	83	7	2	16
17	96	74	85	9	75	0	20	1	8	0	0	0	29.76	26	5.1	5.0	10	W	741	91	6	5	17
18	92	68	81	5	69	0	16	8	8	0	0	0	29.83	35	1.1	5.9	12	N	735	91	6	6	18
19	94	68	81	5	71	0	16	1	8	0	0	0	29.85	20	3.0	3.7	7	S	809	100	2	2	19
20	88	68	78	2	68	0	13	1	8	0	0	0	29.89	35	5.6	7.5	16	N	750	93	6	5	20
21	85	61	73	-3	63	0	8	1	8	0	0	0	30.00	02	6.5	7.2	12	N	762	95	1	1	21
22	86	60	73	-3	64	0	8	1	8	0	0	0	30.00	01	2.9	4.3	5	NE	802	100	1	1	22
23	90	61	76	1	66	0	11	1	8	0	0	0	29.87	17	1.1	3.6	6	S	800	100	1	1	23
24	94	64	79	4	69	0	14	1	8	0	0	0	29.88	20	3.8	4.5	8	W	753	94	2	2	24
25	93	68	81	6	72	0	16	13	8	0	0	0	29.79	33	1.4	3.3	23	N	536	67	7	7	25
26	87	72	80	5	74	0	15	1	8	0	0	0	29.82	10	3.2	5.2	8	SE	479	60	7	8	26
27	88	71	80	5	74	0	15	1	8	0	0	0	29.88	15	6.2	6.5	15	S	486	61	8	8	27
28	93	74	84	9	76	0	19	1	8	0	0	0	29.79	20	7.5	7.8	12	SW	583	74	4	5	28
29	98	73	86	12	75	0	21	13	8	0	.52	0	29.74	22	3.4	5.2	22	NW	594	76	8	7	29
30	91	70	81	7	75	0	16	23	8	0	T	0	29.85	17	.8	2.7	8	SW	670	85	4	6	30
31	90	71	81	7	75	0	16	13	8	0	.79	0	29.84	21	6.2	6.5	19	NW	582	74	9	9	31

AUGUST 1978 RICHMOND, VIRGINIA

SUM	SUM				TOTAL	TOTAL				TOTAL	TOTAL		FOR THE MONTH:					TOTAL		SUM	SUM		
2784	2172				0	475				5.93	0	29.89	20	2.0	5.5	23	N	19090		199	198		
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.														25	25		
80.1	70.1	80.1	3.8	73	0	125				0.87										25250	76	6.4	6.4

HOUR	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE			RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	RESULTANT WIND	
			AIR °F	NET BULB °F	DEW PT. °F				SPEED	DIRECTION
01	6	29.89	73	73	72	96	3.7	18	1.8	
04	6	29.88	72	72	71	99	3.7	20	1.7	
07	7	29.91	73	73	73	98	5.1	21	2.0	
10	7	29.92	83	77	74	75	7.0	25	2.3	
13	6	29.89	88	77	73	63	7.2	21	2.4	
16	6	29.86	87	77	73	65	8.6	18	3.6	
19	7	29.87	79	75	73	82	5.1	16	2.1	
22	6	29.90	75	74	73	93	3.7	19	1.9	

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

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
1																								
2																								
3																								
4				.02	.03	T	T	T					.08	.08	.03	T	.02	.02	.03	T				
5											.06													
6	T	T											.01	T	.45	1.04	.42							
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