



LOCAL CLIMATOLOGICAL DATA
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 ENVIRONMENTAL DATA SERVICE

RICHMOND, VIRGINIA
 NATIONAL WEATHER SERVICE OFC
 R.E. BYRD INTERNATIONAL AP.
 NOVEMBER 1975

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

USB FILE COPY

DATE	TEMPERATURE °F							WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG X 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 SMOKE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW-ICE PELLETS OR ICE ON GROUND AT 07AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. 1777 M.S.L.	WIND				SUNSHINE		SKY COVER TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING BASE 65°	COOLING			WATER EQUIVALENT IN.	SNOW-ICE PELLETS IN.		RESULTANT DIRECTION	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	
1	66	28	47	-7	31	18	0	0	0	0	30.18	19	5.3	7.2	13	S	487	76	9	6	1
2	75	38	57	3	39	8	0	0	0	0	30.09	19	2.7	3.2	5	SE	392	62	3	4	2
3	79	42	61	8	48	4	0	0	0	0	30.04	17	2.1	3.0	5	SE	589	93	2	2	3
4	81	44	63	10	48	2	0	0	0	0	30.00	21	2.8	3.3	7	SW	301	48	7	6	4
5	83*	49	66	13	53	0	0	0	0	0	30.01	30	2.2	4.5	10	NW	628	100	0	0	5
6	81	51	66	14	55	0	1	1	0	0	30.02	06	1.6	2.9	2	NE	212	34	9	6	6
7	79	55	67	15	55	0	2	2	1	0	29.93	18	5.3	5.5	13	SE	153	24	8	8	7
8	82	62	72*	20	65	0	0	0	0	0	29.93	18	6.2	6.6	10	SE	233	37	9	5	8
9	80	58	69	18	63	0	4	4	0	0	29.93	15	3.1	3.5	9	SE	202	32	6	5	9
10	77	58	68	17	66	0	3	3	0	0	29.85	17	6.7	8.2	12	S	7	1	8	8	10
11	68	44	56	5	38	9	0	0	0	0	29.97	04	2.7	5.0	13	NE	474	77	2	1	11
12	74	46	60	10	56	15	0	0	0	1.22	29.72	20	2.1	7.1	18	NW	25	4	10	1	12
13	61	39	50	0	43	15	0	1	0	.48	29.45	35	7.6	9.6	19	N	0	0	10	9	13
14	50	35	43	-7	26	22	0	0	0	0	29.62	28	11.9	12.5	18	NW	31	5	9	7	14
15	56	27	42	-11	22	23	0	0	0	0	29.93	23	7.4	8.9	10	W	610	100	2	1	15
16	70	30	50	1	32	15	0	0	0	0	29.91	25	2.9	4.8	8	W	608	100	4	2	16
17	69	33	51	2	38	14	0	0	0	0	30.09	03	1.0	1.3	2	W	607	100	6	3	17
18	74	33	54	3	39	11	0	1	0	0	30.15	01	1.6	1.6	10	N	605	100	0	0	18
19	73	37	55	7	42	10	0	1	0	0	30.11	19	.8	1.3	4	SE	591	98	0	0	19
20	73	40	57	9	42	8	0	1	0	0	29.90	17	5.8	6.0	17	S	570	95	0	2	20
21	72	44	58	11	54	7	0	1	0	.14	29.59	18	6.5	9.9	24	SW	0	0	8	7	21
22	54	32	43	-6	30	22	0	0	0	0	29.95	35	4.4	5.6	10	N	540	90	4	4	22
23	46	33	40*	-14	31	25	0	0	0	0	30.11	01	10.1	10.2	14	N	0	0	10	8	23
24	47	38	43	-3	33	22	0	0	0	0	29.90	36	7.5	7.6	14	N	0	0	10	9	24
25	54	32	43	-3	33	22	0	0	0	0	29.90	34	1.0	2.2	5	NW	60	10	9	8	25
26	55	27*	41	-4	32	24	0	0	0	0	30.13	08	4.8	6.5	11	SE	575	97	1	2	26
27	60	40	50	5	49	15	0	1	0	.06	29.84	16	6.3	6.8	15	SE	0	0	10	8	27
28	54	31	43	-1	31	22	0	0	0	0	30.12	36	4.6	4.9	11	N	580	100	0	0	28
29	55	28	42	-2	31	23	0	0	0	0	30.34	06	1.7	4.5	5	N	530	90	6	5	29
30	70	40	55	12	47	10	0	1	0	0	30.14	15	7.7	7.8	17	SE	265	45	9	9	30

SUM	SUM	TOTAL	TOTAL	NUMBER OF DAYS	TOTAL	TOTAL	FOR THE MONTH:	TOTAL	%	SUM	SUM	
2019	119.4		356	18	2.04	0	29.96 19	7 5.7	24	SW	9885	170 146
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	DATE: 21	POSSIBLE	MONTH	AVG.	AVG.	
67.3	39.8	53.6	4.6	43	-12.4	18		18316	54	5.7	4.9	

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

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			.04																					9	
10																								10	
11																								11	
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13			.09	.03	.04	.15	.11	.06	T	.01	T													13	
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29																								29	
30																								30	

* EXTREME TEMPERATURES FOR THE MONTH MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.
 - BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.
 * 70 AT ALASKAN STATIONS.
 * ALSO ON AN EQUAL DATE, OR DATES.
 X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.
 T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO SMALL TO MEASURE.
 THE SEASON FOR DEGREE DAYS BEGINS WITH JULY FOR HEATING AND JANUARY FOR COOLING.
 DATA IN COLUMNS 6, 12, 13, 14, AND 15 ARE BASED ON 8 OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.
 WIND DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS. RESULTANT WIND IS THE VECTOR SUM OF WIND DIRECTIONS AND SPEEDS DIVIDED BY THE NUMBER OF OBSERVATIONS.
 FIGURES FOR DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH: I.E., 09-EAST, 18-SOUTH, 27-WEST, 36-NORTH, AND 00-CALM. WHEN DIRECTIONS ARE IN TENS OF DEGREES IN COL. 17, ENTRIES IN COL. 18 ARE FASTEST OBSERVED 1-MINUTE SPEEDS. IF THE / APPEARS IN COL. 17, SPEEDS ARE QUITS.
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY.

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William H. Haggard
 DIRECTOR, NATIONAL CLIMATIC CENTER

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	AVERAGES				RESULTANT WIND		
			TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.		
01	3	29.96	46	44	41	84	4.2	05	.3
04	4	29.96	45	43	41	85	5.2	12	.3
07	5	29.98	45	43	41	87	4.8	15	.5
10	6	30.00	57	50	44	63	8.2	22	1.3
13	9	29.95	64	54	43	50	7.9	21	1.3
16	8	29.92	65	54	43	48	7.1	18	1.9
19	5	29.94	53	49	44	73	4.7	36	.1
22	4	29.96	50	47	43	80	3.8	20	1.3

RICHMOND, VIRGINIA

