



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.
 JUNE 1974

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

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DATE	TEMPERATURE °F								WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW-ICE PELLETS OR ICE ON GROUND AT 07AM IN.	PRECIPITATION		AVO. STATION PRESSURE IN. ELEV. FEET M.S.L.	WIND				SUNSHINE		SKY COVER TENTS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°		WATER EQUIVALENT IN.			SNOW-ICE PELLETS IN.	RESULTANT DIRECTION		RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE	HOURS AND TENTHS	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT		
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	86	66	76	5	66	0	11	1	0	.23	0	29.77	27	6.0	7.1	16	NW	7.6	52	10	10	1
2	77	61	69	-2	64	0	4	1	0	.69	0	29.79	02	3.4	7.3	14	N	1.2	8	10	10	2
3	79	58	68	-2	58	0	4	1	0	0	0	29.95	03	6.1	7.2	10	M	10.4	71	7	6	3
4	81	50*	66	-6	55	0	1	2	0	0	0	30.05	14	4.4	5.3	12	SE	11.2	77	7	6	4
5	81	54	68	-4	57	0	3	2	0	0	0	30.03	12	5.7	6.2	13	SE	10.9	75	7	7	5
6	84	61	73	1	62	0	0	0	0	0	0	29.93	09	5.5	6.6	12	SE	7.6	53	9	8	6
7	68	61	65	-7	62	0	0	1	0	.02	0	29.90	02	8.4	8.9	13	M	0.0	0	10	9	7
8	77	66	72	-1	66	0	7	1	0	.01	0	29.86	35	8.1	8.5	12	M	2.3	16	10	10	8
9	89	62	76	3	67	0	11	1	0	0	0	29.81	21	2.0	3.6	9	SW	14.0	95	4	4	9
10	86*	68	82*	0	69	0	17	1	0	T	0	29.64	22	8.0	8.8	15	SW	13.2	90	1	3	10
11	86	63	75	-2	59	0	10	0	0	0	0	29.67	29	2.7	5.6	12	NW	12.8	87	5	4	11
12	84	60	72	-2	58	0	7	1	3	.11	0	29.72	02	1.6	4.6	27	NW	11.7	80	6	5	12
13	80	56	68	-6	56	0	3	1	0	0	0	29.86	06	4.3	5.6	10	NE	11.4	78	5	4	13
14	78	59	69	-5	60	0	4	1	0	0	0	29.90	11	2.9	5.0	10	SE	4.3	29	10	9	14
15	64	54	69	-5	58	0	4	2	0	0	0	29.78	16	4.4	5.0	11	SW	10.8	73	8	7	15
16	83	67	75	0	63	0	10	0	0	0	0	29.60	19	5.6	6.1	16	W	8.6	60	8	9	16
17	79	58	69	-6	58	0	4	0	0	0	0	29.62	36	2.5	5.6	10	NE	11.1	75	7	7	17
18	81	51	66	-9	52	0	1	0	0	0	0	29.82	26	1.8	4.3	10	S	14.6	100	2	2	18
19	86	53	70	-5	58	0	5	0	0	0	0	29.81	19	5.5	6.0	13	SW	12.2	82	6	5	19
20	91	66	79	4	67	0	14	3	0	0	0	29.78	23	6.7	7.6	15	W	11.4	77	8	8	20
21	88	64	76	1	67	0	11	0	0	T	0	29.58	23	8.1	8.6	17	SW	10.8	73	9	8	21
22	80	66	78	2	68	0	13	1	0	.08	0	28.45	28	3.0	4.0	24	NW	10.6	72	9	8	22
23	87	61	74	-2	68	0	9	23	0	.36	0	28.44	02	4.2	6.2	20	N	8.6	58	9	9	23
24	75	59	67	-8	58	0	2	1	0	.13	0	29.60	03	8.0	8.5	15	N	8.9	60	9	9	24
25	78	59	69	-7	58	0	4	0	0	0	0	29.64	02	6.7	7.1	13	N	12.7	86	6	5	25
26	76	59	68	-8	61	0	3	1	0	0	0	29.81	15	4.3	5.9	10	SE	3.7	25	10	9	26
27	71	62	67	-8	61	0	2	1	0	.07	0	29.87	07	7.8	8.6	20	NE	3.4	23	10	10	27
28	64	56	60*	-11	60	5	0	1	0	.10	0	29.87	36	6.9	8.5	15	NE	0.3	2	10	10	28
29	77	54	66	-11	60	0	1	2	0	T	0	29.90	24	3.3	4.2	9	SW	8.7	58	8	7	29
30	87	56	72	-5	60	0	7	1	0	0	0	29.82	23	7.9	8.2	17	SW	14.7	100	2	2	30

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	.16	.06										.18		.04	T	.03	.04	.06	T	.02	T	.01	T	
2	T				.30	T			T	T	T												T	
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24																								
25																								
26																								
27						.06	.01																	
28	.02			T	.01	.04	.02	T	.01	T	T	T		T	T	T	T	T	T			T		
29																								
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 EARLIER 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, 19-SOUTH, 27-WEST, 36-NORTH, AND 00-CALM, WHEN DIRECTIONS ARE IN TENS OF DEGREES IN COL. 17, ENTRIES IN COL. 16 ARE FASTEST OBSERVED 1-MINUTE SPEEDS. IF THE / APPEARS IN COL. 17, SPEEDS ARE GUSTS.
 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

HOUR LOCAL TIME	LOCAL TIME	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
			AIR °F	WET BULB °F	DW PT. °F	RELATIVE HUMIDITY %				
01	6	29.78	64	62	61	89	4.9	09	.3	
04	6	29.77	63	61	60	92	4.9	35	1.1	
07	8	29.80	66	64	62	86	6.6	33	1.0	
10	8	29.80	75	67	63	68	7.6	36	.7	
13	8	29.78	78	68	62	60	8.0	29	.5	
16	7	29.75	78	67	61	58	8.3	16	.1	
19	6	29.76	73	66	62	69	6.6	10	1.4	
22	7	29.79	67	63	61	82	5.5	17	1.0	

RICHMOND, VIRGINIA

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	DAY COVER					VISI-BILITY	WEATHER	TEMPERATURE					WIND	VISI-BILITY	WEATHER	TEMPERATURE					WIND	VISI-BILITY	WEATHER	TEMPERATURE					WIND								
	SKY	CEILING	MOON	WINDS	WINDS			AIR	WET	DEW	REL.	DIR				SPEED	SKY	CEILING	MOON	WINDS				WINDS	AIR	WET	DEW	REL.		DIR	SPEED	SKY	CEILING	MOON	WINDS	WINDS	AIR
01	10	100	50	3	3		DAY 01	68	68	67	93	23	7	10	100	12	DAY 02	68	66	65	80	04	9	10	10	7	3	10	100	12	DAY 03	62	61	60	93	03	6

- NOTES**
- CEILING COLUMN-
UNL INDICATES AN UNLIMITED
CEILING
- WEATHER COLUMN-**
- T TORNAO
 - TS THUNDERSTORM
 - O SOUALL
 - R RAIN
 - RR RAIN SHOWERS
 - ZR FREEZING RAIN
 - L DRIZZLE
 - ZL FREEZING DRIZZLE
 - SN SNOW
 - SP SNOW PELLETS
 - IC ICE CRYSTALS
 - SW SNOW SHOWERS
 - SG SNOW GRAINS
 - IP ICE PELLETS
 - A HAIL
 - F FOG
 - IF ICE FOG
 - GF GROUND FOG
 - BD BLOWING DUST
 - BN BLOWING SAND
 - BS BLOWING SNOW
 - BY BLOWING SPRAY
 - K SMOKE
 - H HAZE
 - D DUST
- WIND COLUMN-**
- DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS. INDICATED IN TENS OF DEGREES FROM TRUE NORTH; I.E., 09 FOR EAST. 18 FOR SOUTH. 27 FOR WEST. ENTRY OF 00 IN THE DIRECTION COLUMN INDICATES CALM.
- SPEED IS EXPRESSED IN KNOTS; MULTIPLY BY 1.15 TO CONVERT TO MILES PER HOUR.

ADDITIONAL DATA

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STATION: RICHMOND VA YEAR & MONTH: 74 06

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