



LOCAL CLIMATOLOGICAL DATA MONTHLY SUMMARY

R.E. BYRD INTERNATIONAL AP.

LATITUDE 37° 30' N LONGITUDE 77° 20' W ELEVATION (GROUND) 164 FEET TIME ZONE EASTERN 13740

MAR 1995
RICHMOND, VA

DATE	TEMPERATURE ° F					DEGREE DAYS BASE 65 ° F		WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORMS 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW/ICE ON GRD AT 0700 (IN.)	PRECIPITATION (INCHES)		AVERAGE STATION PRESSURE (INCHES OF Hg) ELEV. 177 (FT. MSL)	WIND (M.P.H.)					SUNSHINE		SKY COVER TENTHS											
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING	COOLING			WATER EQUIVALENT	SNOW ICE PELLETS		RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST	FASTEST 2-MIN	MINUTES	PERCENT 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	23								
01	54	39	47	4	40.5	18	0	1	0	0.50	0.0	29.910	36	8.5	8.6	18	N	16	02	155	23	10	9								
02	47	30	39	-4	22.2	26	0		0	0.00	0.0	30.110	01	9.1	9.5	24	N	17	01	632	92	7	4								
03	35	30	33*	-11	27.8	32	0	1	8	0.07	0.7	30.230	02	5.3	5.7	13	N	8	06	0	0	10	10								
04	41	34	38	-6	34.8	27	0	1		0.01	0.1	30.220	35	5.2	5.4	10	N	8	36	0	0	10	10								
05	57	39	48	4	36.0	17	0	1	8	0.01	0.0	30.165	12	2.2	6.4	15	SW	13	22	392	57	9	10								
06	62	41	52	7	46.6	13	0	1	8	0.03	0.0	30.020	17	5.7	6.3	13	S	10	19	442	64	10	9								
07	76	48	62	17	53.6	3	0	2	8	0.00	0.0	29.970	16	8.1	8.5	24	S	18	16	423	61	9	8								
08	70	34	52	7	53.9	13	0	1	3	1.88	0.0	29.700	18	1.0	13.0	58	NW	40	32	42	6	10	9								
09	42	28	35	-11	17.8	30	0		4	F	T	30.050	33	14.7	14.9	33	NW	23	32	679	97	0	1								
10	46	24*	35	-11	9.6	30	0			0.00	0.0	30.320	35	5.7	7.3	21	N	13	36	694	99	3	1								
11	65	28	47	1	23.5	18	0			0.00	0.0	30.240	14	4.4	5.1	12	SE	8	10	691	98	0	0								
12	72	34	53	6	32.0	12	0		8	0.00	0.0	30.270	11	2.4	4.4	12	S	9	06	696	98	0	0								
13	74	37	56	9	37.4	9	0			0.00	0.0	30.260	16	4.0	5.4	15	E	10	20	710	100	0	0								
14	76	37	57	10	36.5	8	0	1	8	0.00	0.0	30.130	04	3.1	5.1	15	N	12	11	691	97	6	3								
15	74	43	59	11	42.4	6	0	2	8	0.00	0.0	29.980	14	2.5	4.4	12	SE	9	13	563	79	3	3								
16	81*	45	63	15	41.3	2	0	1	8	0.00	0.0	29.830	21	6.7	7.6	20	SW	15	23	685	95	0	0								
17	80	48	64*	16	38.7	1	0		8	0.00	0.0	29.790	29	5.6	8.6	23	N	16	28	679	94	6	5								
18	60	37	49	0	29.3	16	0			0.00	0.0	29.910	36	8.5	9.4	25	N	18	36	720	100	4	4								
19	64	34	49	0	35.5	16	0			0.00	0.0	29.910	12	3.8	5.6	15	SE	13	13	721	99	1	2								
20	70	38	54	5	40.4	11	0	1		0.00	0.0	29.770	16	7.0	8.0	23	S	15	17	554	76	8	7								
21	71	47	59	9	42.2	6	0	1		0.22	0.0	29.450	23	9.8	12.4	35	W	21	25	634	87	4	5								
22	73	46	60	10	33.1	5	0			0.00	0.0	29.410	30	5.2	9.6	37	NW	22	29	640	87	2	3								
23	51	35	43	-7	38.1	22	0	1	8	0.22	0.0	29.500	36	4.1	5.4	21	N	15	36	253	34	10	8								
24	60	40	50	-1	22.0	15	0			0.00	0.0	29.660	32	10.4	10.7	26	NW	16	32	719	98	0	1								
25	60	37	49	-2	14.7	16	0			0.00	0.0	29.870	32	9.9	10.6	24	NW	16	31	739	100	0	0								
26	66	38	52	1	23.3	13	0			0.00	0.0	29.930	32	6.0	7.2	18	NW	13	34	672	91	4	4								
27	63	45	54	2	31.5	11	0			0.02	0.0	29.820	06	5.0	7.1	15	NE	10	13	442	59	10	10								
28	59	39	49	-3	39.9	16	0	1		0.02	0.0	29.800	01	4.2	5.2	22	N	14	02	318	43	9	8								
29	61	36	49	-3	36.8	16	0	1	8	0.00	0.0	29.880	18	2.1	4.9	15	S	10	21	534	71	6	5								
30	66	44	55	2	40.2	10	0			0.02	0.0	29.800	02	4.2	5.4	17	N	13	01	429	57	8	9								
31	60	39	50	-3	30.9	15	0			0.00	0.0	29.780	32	5.0	7.3	18	W	15	26	635	84	9	8								
SUM		SUM		TOTAL		TOTAL		NUMBER OF DAYS		TOTAL		TOTAL		FOR THE MONTH :					TOTAL		%		SUM								
1936		1174		453		0		0		3.00		0.8		29.925 34 1.8 7.6 58 NW 40 32					16184		FOR		168 156								
AVG.		AVG.		AVG.		DEP.		DEP.		PRECIPITATION		DEP.		DATE: 8 DATE: 8					POSS		MONTH		AVG								
62.5		37.9		50.2		2.2		34.0		-74		0		22283					73		5.4		5.0								
NUMBER OF DAYS								SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES										GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE, OR HAIL AND DATE									
TOTAL								TOTAL		≥ 1.0 INCH		0																			
MAXIMUM TEMP		MINIMUM TEMP		3137		1		THUNDERSTORMS		1		PRECIPITATION		SNOW, ICE PELLETS																	
≥ 90°		≥ 90°		≤ 32°		≤ 0°		DEP.		DEP.		HEAVY FOG		2		1.88 08-09		0.8		03-04											
0		0		5		0		-524		1		CLEAR 11		PARTLY CLOUDY 7		CLOUDY 13															

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE. DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS.
 + ALSO ON EARLIER DATE(S).
 HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
 BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.
 COLS 16 & 17 : PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED.
 ONE OF TWO WINDS IS GIVEN UNDER COLS 18 & 19 : FASTEST MILE- HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED TWO MINUTE WIND - HIGHEST TWO MINUTE SPEED (DIRECTION IN TENS OF DEGREES).
 ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

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OBSERVATIONS AT 3-HOUR INTERVALS

MAR 1995 13740
RICHMOND, VA

HOUR	L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	WEATHER	TEMPERATURE				WIND															
						AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)					AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)					AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)														
MAR 19																																													
01	04	07	10	13	16	19	22	01	04	07	10	13	16	19	22	MAR 20																													
MAR 21																																													
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WEATHER CODES AND NOTES

& TORNADO	S SNOW	IF ICE FOG
&C FUNNEL CLOUD	SW SNOW SHOWERS	GF GROUND FOG
&W WATER SPOUT	SG SNOW GRAINS	BD BLOWING DUST
T THUNDERSTORM	SP SNOW PELLETS	BN BLOWING SAND
R RAIN	IC ICE CRYSTALS	BS BLOWING SNOW
RW RAIN SHOWERS	IP ICE PELLETS	BY BLOWING SPRAY
ZR FREEZING RAIN	IPW ICE PELLET SHOWERS	K SMOKE
L DRIZZLE	A HAIL	H HAZE
ZL FREEZING DRIZZLE	F FOG	D DUSTGL
		GLAZE

CEILING: UNL INDICATES UNLIMITED
 WIND DIRECTION: DIRECTIONS ARE THOSE FROM WHICH THE WIND IS BLOWING, INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E. 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. AN ENTRY OF 00 INDICATES CALM.
 SPEED: THE OBSERVED AVERAGE TWO-MINUTE VALUE (MPH=KNOTS X 1.15).

SUMMARY BY HOURS

HOUR	L.S.T.	SKY COVER (TENTHS)	AVERAGES				RESULTANT WIND	
			STATION PRESSURE (INCHES)	TEMPERATURE			SPEED (MPH)	DIRECTION
				AIR ° F	WET BULB ° F	DEW POINT ° F		
01	5	29.940	44	40	34	6.6	35	1.7
04	5	29.930	42	39	34	7.5	35	2.1
07	6	29.950	41	38	34	7.7	35	2.0
10	5	29.970	51	44	35	5.9	32	3.1
13	5	29.920	59	48	34	4.5	28	2.0
16	6	29.870	61	48	33	4.0	31	1.6
19	5	29.890	53	45	33	5.1	04	2.5
22	4	29.935	48	42	34	6.1	03	2.2

