SEPTEMBER 1979
RICHMOND, VIRGINIA
NATIONAL WEATHER SERVICE OFC
R.E.BYRD INTERNATIONAL AP.

Local Climatological Data

MONTHLY SUMMARY

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

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

SEPTEMBER 1979 RICHMOND, VIRGINIA

DATE	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65° HEATING (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)	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 WATER EQUIVALENT IN	SNOW, ICE PELLETS IN.	AVG. STATION PRESSURE IN. - - - ELEV. 177 FEET M.S.L.	WIND RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE SPEED M.P.H.	FASTEST MILE DIRECTION	SUNSHINE MINUTES	SUNSHINE PERCENT OF POSSIBLE	SKY COVER TENTHS SUNRISE TO SUNSET	SKY COVER TENTHS MIDNIGHT TO MIDNIGHT	DATE
1	85	70	78	4	72	0	13	2 8	0	T	0	29.81	08	5.2	5.8	14	SE	480	62	9	8	1
2	84	72	78	4	74	0	13	1 3 8	0	.71	0	29.85	19	5.3	7.3	17	SE	430	55	9	9	2
3	86	72	79	6	73	0	14	1 3 8	0	.46	0	29.81	19	3.2	4.2	15	SW	351	45	9	9	3
4	87	70	79	6	73	0	14	2	0	0	0	29.83	12	3.4	3.7	12	SE	501	65	9	9	4
5	77	74	76	3	75	0	11	1	0	2.71	0	29.64	14	13.3	14.8	30	S	0	0	10	10	5
6	88*	74	82*	9	72	0	17		0	0	0	29.53	23	10.0	11.9	20	SW	748	98	2	3	6
7	87	68	78	5	70	0	13	1 3 8	0	.31	0	29.63	19	1.6	2.7	16	N	610	80	0	2	7
8	77	62	70	-2	61	0	5	1	0	0	0	29.80	36	8.2	9.4	16	N	724	95	2	2	8
9	77	56	67	-5	58	0	2		0	0	0	29.98	36	7.9	8.2	13	N	761	100	2	2	9
10	79	58	69	-3	60	0	4	1	0	0	0	29.96	12	.7	4.0	9	SE	758	100	2	3	10
11	84	56	70	-2	64	0	5	1	0	0	0	29.91	35	.8	3.3	5	N	756	100	0	0	11
12	81	63	72	1	67	0	7	2 8	0	0	0	29.97	08	5.4	6.0	12	E	570	76	4	2	12
13	82	62	72	1	69	0	7	1	0	.23	0	29.88	10	7.0	7.5	14	SE	379	50	10	8	13
14	86	74	80	9	73	0	15	1	0	.14	0	29.59	18	8.1	12.7	21	SW	400	53	8	8	14
15	76	60	68	-2	57	0	3		0	0	0	29.88	02	6.2	6.3	16	N	531	71	4	4	15
16	74	55	65	-5	55	0	0		0	0	0	30.08	36	5.1	5.5	11	N	701	94	4	3	16
17	77	53	65	-5	56	0	0		0	0	0	30.08	03	3.8	4.9	7	NE	665	90	2	1	17
18	80	53	67	-2	57	0	2	1 8	0	0	0	29.90	25	1.5	2.2	6	SW	734	98	1	0	18
19	82	54	68	-1	58	0	3	1 8	0	0	0	29.78	35	6.4	7.9	17	NW	701	95	2	2	19
20	74	53*	64	-5	55	1	0		0	0	0	29.98	11	4.0	5.3	10	E	494	67	10	8	20
21	77	62	70	1	68	0	5	1 8	0	.67	0	29.81	16	9.8	9.9	15	S	77	11	10	10	21
22	77	65	71	3	69	0	6	1 3 8	0	2.63	0	29.61	01	3.1	9.4	17	NE	193	26	10	10	22
23	66	60	63	-5	60	2	0	1	0	.31	0	29.89	03	12.3	12.5	17	NE	9	1	10	10	23
24	67	57	62*	-5	57	3	0		0	0	0	30.04	02	9.7	9.8	15	NE	220	30	10	10	24
25	66	58	63	-4	61	2	0	1	0	.44	0	30.02	01	9.2	9.5	13	N	0	0	10	10	25
26	75	64	70	3	65	0	5	1 8	0	T	0	30.02	36	4.3	4.6	6	NE	374	52	10	10	26
27	79	65	72	6	62	0	7	8	0	T	0	30.01	06	5.5	6.2	10	SE	443	62	9	9	27
28	82	64	73	7	69	0	8	2 8	0	.07	0	29.88	12	1.8	5.3	9	S	276	39	10	10	28
29	77	71	74	8	72	0	9	2	0	.20	0	29.81	24	1.7	4.6	6	SW	113	16	10	10	29
30	74	69	72	7	72	0	7	2	0	.88	0	29.74	05	6.9	7.2	14	NE	0	0	10	10	30

SUM	SUM				TOTAL	TOTAL		TOTAL	TOTAL	FOR THE MONTH:						TOTAL	%	SUM	SUM	
2364	1895				8	195	NUMBER OF DAYS	9.76	0	29.86	06	2.0	7.1	30	S	13000	FOR	188	193	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION	DEP.						DATE:	05	POSSIBLE	MONTH	AVG.	AVG.	
78.8	63.2	71.0	1.0	65	-13	24	>.01 INCH 13	6.18								22363	58	6.6	6.4	

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 AND DATE
MAXIMUM TEMP.		MINIMUM TEMP.		TOTAL	TOTAL	> 1.0 INCH 0	PRECIPITATION	SNOW, ICE PELLETS	
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.	THUNDERSTORMS 4	3.25 21-22	0	0
0	0	0	0	-13	-2	HEAVY FOG 6			
						CLEAR 9 PARTLY CLOUDY 3 CLOUDY 18			

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T 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

HOUR LOCAL TIME	AVERAGES SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW PT. °F	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	RESULTANT WIND DIRECTION	RESULTANT WIND SPEED M.P.H.
01	6	29.86	67	66	65	92	5.1	05	1.8
04	6	29.86	66	64	64	84	5.9	02	1.8
07	7	29.88	66	65	64	93	6.8	03	1.8
10	6	29.90	73	68	65	78	8.6	05	2.6
13	7	29.86	77	69	65	70	9.1	05	1.7
16	7	29.83	77	69	65	70	8.9	07	2.6
19	7	29.84	72	69	67	84	6.4	08	2.6
22	7	29.86	69	67	66	90	5.9	07	1.9

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT 1	2	3	4	5	6	7	8	9	10	11	12	P. M. HOUR ENDING AT 1	2	3	4	5	6	7	8	9	10	11	12	DATE
1															T										1
2												.07	.25	.39											2
3												.07	.17	T	.06	.06	.04	.04	.01	T	.01		T	T	3
4																									4
5						.01	.10	.37	.11	.06	.10	.16	.10	.10	.14	.92	.20	.19	.10	.02	.03				5
6																									6
7																				.11	.20	T			7
8																									8
9																									9
10																									10
11																									11
12																									12
13															T	.08	.08	.06					.01	T	13
14		T	T		T	T	.01	T	.01					T	.12	T									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21					T	.02	T	.02	T	T	.01	T	.01	.01			T			T	.01	.26	.05	.28	21
22	.75	.14	.80	.25	.28	.16	.05	T	.02	.13	.05								T	T	T	T	T	T	22
23			.05	.08	.02	.11	.05	T	T	T															23
24																									24
25			.01	T	T	.02	.01	T	T	T					T	.02	.02	.07	.25	.03	T	.01	T	T	25
26	T																								26
27				T	T	T	T																		27
28						T	T	T	T	T	T	.04							T	.01	.02	T	T		28
29													T	.09	.08	.03	T	T	T				T	T	29
30								T	T	T	T	.01	.15	.13	.04	.07	.14	.11	.12	.06	T	T	.01	.04	30

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DIRECTOR, NATIONAL CLIMATIC CENTER

USCOMM--NOAA--ASHEVILLE 10/30/79 450

OBSERVATIONS AT 3-HOUR INTERVALS

DAY 01

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	4	UNL	5		F	72	71	70	93	00	0
04	7	UNL	4		F	71	70	70	97	02	3
07	9	250	0	8	F	71	71	71	100	07	5
10	10	UNL	6		H	81	75	72	74	08	6
13	10	250	6		H	85	75	71	63	07	10
16	10	250	2	8	H	84	76	73	70	09	4
19	10	250	2	8	H	79	75	73	82	11	7
22	8	100	5		H	75	73	72	90	12	5

DAY 02

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	7	250	5		H	74	72	71	90	11	3
04	10	5	4		FH	73	72	72	97	14	4
07	10	1	0	12	FH	74	73	73	97	20	4
10	10	10	4		FH	78	76	75	91	22	4
13	10	13	1		RWH	80	77	76	88	26	11
16	9	250	8			82	77	75	79	15	8
19	10	50	10			78	74	73	85	18	10
22	10	110	8			75	74	73	94	20	7

DAY 03

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	100	8			74	73	72	94	20	5
04	6	UNL	8			73	72	72	97	20	4
07	8	UNL	5		F	74	73	73	97	20	6
10	8	UNL	7			82	77	75	79	22	6
13	10	70	6		RW	78	76	75	91	20	3
16	10	50	3		F	75	73	72	90	09	5
19	10	50	5		RF	74	73	72	94	00	0
22	10	60	5		F	73	72	72	97	00	0

DAY 04

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	100	4		F	72	71	71	97	09	3
04	10	1	1		F	71	71	71	100	13	3
07	8	100	2		F	71	70	70	97	00	0
10	9	8	5		F	80	76	75	85	00	0
13	10	25	7			86	78	75	70	14	6
16	10	100	7			83	77	75	77	12	7
19	9	250	10			79	76	75	88	07	4
22	9	UNL	12			75	73	72	90	12	3

DAY 05

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	100	12			75	73	72	90	10	6
04	10	11	8			75	74	73	94	09	5
07	10	10	1	8	RF	75	74	73	94	12	9
10	10	20	2		RF	76	76	76	100	09	9
13	10	4	1	8	RF	77	77	77	100	13	15
16	10	4	0	4	R	77	76	76	97	16	20
19	10	12	2		RF	76	75	75	97	16	23
22	10	13	7			77	76	76	97	16	16

DAY 06

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	18	8			77	75	74	91	18	15
04	6	30	10			76	73	71	85	22	11
07	1	UNL	15			76	72	70	82	24	12
10	0	UNL	15			82	75	72	72	20	12
13	7	40	15			88	76	71	57	28	12
16	3	UNL	15			88	77	72	59	26	12
19	0	UNL	15			81	76	74	79	21	5
22	0	UNL	12			77	75	74	91	23	4

DAY 07

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	3	UNL	7			75	73	72	90	00	0
04	0	UNL	5		H	70	69	69	97	00	0
07	0	UNL	2		FH	71	69	68	90	00	0
10	0	UNL	2		H	82	73	68	63	00	0
13	0	UNL	2	8	H	86	73	67	53	19	7
16	0	UNL	2	8	H	87	74	68	53	19	8
19	10	45	2		H	80	76	75	85	00	0
22	5	UNL	4		F	72	71	70	93	02	4

DAY 08

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	2	UNL	4		F	70	70	70	100	35	4
04	0	UNL	7			66	63	62	87	01	9
07	0	UNL	10			65	61	58	78	01	8
10	0	UNL	12			71	64	59	66	35	11
13	3	UNL	15			75	66	60	60	36	8
16	4	UNL	15			75	65	59	58	36	11
19	5	UNL	15			69	63	60	73	34	6
22	2	UNL	15			65	61	58	78	34	8

DAY 09

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	0	UNL	12			61	59	58	90	34	7
04	0	UNL	12			59	58	57	93	36	8
07	6	100	12			58	56	55	90	35	9
10	0	UNL	15			68	63	59	73	34	10
13	3	UNL	15			74	64	57	55	03	7
16	1	UNL	15			75	64	57	54	36	8
19	0	UNL	15			69	63	60	73	01	4
22	7	30	12			65	63	61	87	35	4

DAY 10

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	9	30	7			65	63	61	87	04	4
04	7	35	7			61	60	60	97	33	3
07	3	UNL	5		F	61	61	61	100	34	4
10	1	UNL	15			73	63	57	57	12	5
13	6	45	15			77	65	57	50	19	4
16	2	UNL	15			78	66	58	50	14	5
19	0	UNL	12			69	66	65	87	00	0
22	0	UNL	12			67	65	64	90	23	3

DAY 11

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	0	UNL	6		F	62	62	62	100	00	0
04	0	UNL	5		F	60	60	60	100	00	0
07	0	UNL	3		F	63	62	62	97	28	3
10	0	UNL	8			75	66	61	62	25	4
13	0	UNL	10			82	70	63	53	02	4
16	0	UNL	12			84	71	64	51	36	6
19	0	UNL	12			76	72	70	82	14	3
22	0	UNL	7			71	69	68	90	11	3

DAY 12

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	0	UNL	6		F	68	67	66	93	03	3
04	0	UNL	5		F	66	65	65	97	00	0
07	10	1	0	2	F	68	68	68	100	01	3
10	3	UNL	3		F	75	71	69	82	07	8
13	4	UNL	6		H	80	71	67	65	07	8
16	4	UNL	5		H	80	71	67	65	10	11
19	0	UNL	7			72	68	66	82	11	4
22	0	UNL	6		H	68	66	65	90	08	5

DAY 13

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	0	UNL	8			66	64	63	90	06	4
04	0	UNL	7			64	63	62	93	00	0
07	10	25	7			67	65	64	90	05	5
10	10	13	7			77	72	70	79	11	8
13	10	100	7			82	75	72	72	11	8
16	10	30	7			76	75	75	97	08	7
19	10	25	7			76	75	75	97	11	8
22	10	16	7			75	74	74	97	11	12

DAY 14

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	8	18	10			75	74	73	94	15	11
04	10	14	10			77	75	74	91	16	12
07	10	11	5		F	76	75	75	97	16	13
10	10	13	8			81	77	76	85	18	14
13	6	80	12			85	78	77	77	19	14
16	3	UNL	12			82	77	75	79	22	10
19	10	30	12			78	71	68	71	35	8
22	8	35	9			75	70	68	79	32	6

DAY 15

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	40	10			70	66	63	79	01	9
04	2	UNL	10			65	61	58	78	01	10
07	4	UNL	12			63	59	56	78	01	4
10	4	UNL	12			70	60	53	55	01	9
13	0	UNL	12			73	60	50	44	04	8
16	3	UNL	12			74	62	53	48	02	4
19	6	100	12			68	63	59	73	00	0
22	4	UNL	12			63	61	60	90	00	0

DAY 16

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	0	UNL	10			59	58	57	93	00	0
04	0	UNL	10			57	56	55	93	36	6
07	2	UNL	7			58	56	54	87	01	8
10	2	UNL	10			68	60	54	61	36	9
13	4	UNL	12			72	60	51	48	32	6
16	7	UNL	12			74	61	51	45	03	5
19	6	250	12			67	61	57	70	03	4
22	6	250	12			62	59	57	84	00	0

DAY 17

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	0	UNL	10			56	54	53	90	36	3
04	0	UNL	10			55	54	53	93	35	4
07	1	UNL	8			55	54	53	93	36	5
10	0	UNL	15			70	63	58	66	03	7
13	3	UNL	15			75	64	57	54	05	5
16	3	UNL	15			77	64	56	48	06	6
19	1	UNL	12			68	64	61	78	13	4
22	0	UNL	10			63	61	60	90	00	0

DAY 18

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	0	UNL	8			59	58	58	97	00	0
04	0	UNL	7			56	56	56	100	00	0
07	4	UNL	0	8	F	56	56	56	100	00	0
10	1	UNL	8			73	64	59	62	29	4
13	0	UNL	12			78	63	53	42	25	3
16	2	UNL	12			80	63	52	38	26	5
19	0	UNL	12			70	65	62	76	15	3
22	0	UNL	12			65	62	60	84	00	0

DAY 19

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	0	UNL	10			62	61	60	93	00	0
04	9	250	5		FK	62	61	61	97	20	3
07	0	UNL	4		H	67	64	62	84	31	5
10	2	UNL	7			77	66	60	56	36	12
13	3	UNL	7			81	66	57	44	32	12
16	1	UNL	10			81	64	53	38	36	10
19	0	UNL	10			70	61	55	59	01	9
22	0	UNL	10			59	55	52	78	03	4

DAY 20

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	0	UNL	10			58	55	53	84	00	0
04	0	UNL	10			55	53	51	86	02	3
07	10	UNL	10			56	53	51	83	06	7
10	10	UNL	15			67	60	55	66	10	8
13	10	250	15			71	62	56	59	13	4
16	10	90	15			72	63	57	59	16	7
19	10	60	10			67	63	60	78	13	4
22	10	100	10			63	61	60	80	14	4

DAY 21

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	30	7			64	62	61	90	14	5
04	10	30	7			67	64	62	84	16	7
07	10	20	1	6	RF	67	67	67	100	17	9
10	10	18	2		FH	69	66	65	87	16	12
13	10	14	2		RWFH	73	71	70	90	17	10
16	10	15	5		FH	76	73	72	87	16	8
19	10	18	3		FH	76	73	72	87	17	8
22	10	4	2		RWFH	73	72	71	93	16	10

DAY 22

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	4	2		RF	70	69	69	97	05	5
04	10	3	1	8	TRF	70	70	70	100	24	9
07	10	3	5		RF	70	69	69	97	23	8
10	10	4	2		RF	71	70	70	97	12	6
13	10	9	5		H	76	73	71	85	28	4
16	10	25	7			74	72	71	90	03	11
19	10	5	6		L	69	68	68	97	02	10
22	10	6	6		LF	66	65	65	97	02	12

DAY 23

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	8	10			66	64	63	90	02	12
04	10	8	2	8	RWF	63	63	63	100	03	12
07	10	5	2		RF	62	61	61	97	02	10
10	10	10	2		F	61	60	59	93	04	13
13	10	16	7			63	60	58	84	04	13
16	10	25	7			63	60	58	84	01	10
19	10	35	7			63	60	58	84	03	6
22	10	40	7			62	58	56	81	04	11

DAY 24

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	18	8			60	57	54	81	02	9
04	10	40	8			59	56	54	84	02	11
07	9	40	10			59	56	54	84	03	10
10	10	15	10			63	59	57	81	03	8
13	10	18	10			64	60	58	81	02	11
16	10	20	10			66	61	58	76	03	8
19	10	20	10			64	62	60	87	02	5
22	10	16	10			63	61	59	87	01	6

DAY 25

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	13	8			61	59	58	90	01	9
04	10	5	5		LF	60	59	59	97	01	8
07	10	5	1	8	LF	59	59	59	100	02	10
10	10	5	4		F	63	62	61	93	36	9
13	10	5	4		F	64	63	62	93	36	9
16	10	6	2		LF	65	64	64	97	04	9
19	10	4	1	8	RF	65	64	64	97	35	7
22	10	5	2		LF	64	64	64	100	35	5

DAY 26

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	5	1	8	F	64	64	64	100	34	5
04	10	7	1	8	F	64	64	64	100	36	5
07	10	80	1	8	F	64	64	64	100	34	4
10	9	80	5		F	70	67	65	84	34	6
13	10	80	8			74	68	64	71	04	5
16	10	100	6		H	73	67	64	74	01	7
19	10	90	3		H	70	67	66	87	00	0
22	10	80	3		H	68	66	65	90	00	0

DAY 27

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	100	4		H	67	65	64	90	00	0
04	10	100	4		RWH	66	65	64	93	36	4
07	10	100	2		H	66	64	63	90	03	5
10	8	250	5		H	73	67	64	74	04	8
13	9	250	6		H	76	66	60	58	07	8
16	8	100	6		H	76	67	62	62	10	6
19	10	100	7			69	64	61	76	06	7
22	10	80	7			67	63	61	81	07	5

DAY 28

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	150	5		H	65	64	63	93	04	5
04	10	3	3		FH	64	63	63	97	11	3
07	10	1	0	12	F	65	65	65	100	08	4
10	10	6	2		LF	72	71	70	93	13	7
13	10	18	2	8	F	75	74	73	94	23	5
16	8	250	5		H	81	75	73	77	28	5
19	10	14	5		H	76	75	74	94	09	5
22	10	16	5		RWFH	75	74	74	97	20	3

DAY 29

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	2	1	8	F	73	73	73	100	24	5
04	10	2	0	1	F	72	72	72	100	28	3
07	10	2	0	1	F	72	72	72	100	19	3
10	10	7	2		F	74	73	72	84	21	4
13	10	12	3		RF	76	73	72	87	25	6
16	10	6	2		RF	74	73	73	87	06	3
19	10	100	3		F	73	73	73	100	09	4
22	10	1	0	2	F	72	72	72	100	33	4

DAY 30

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
01	10	1	0	2	F	71	71	71	100	00	0
04	10	1	0	2	F	71	71	71	100	01	4
07	10	2	0	4	F	70	70	70	100	04	4
10	10	3	2		RF	72	72	72	100	03	6
13	10	4	1		RWF	73	72	72	97	06	11
16	10	4	2		RF	73	72	72	97	07	7
19	10	4	2		RF	73	73	73	100	04	9
22	10	3	4		LF	71	71	71	100	06	9

NOTES

CEILING

UNL INDICATES UNLIMITED

WEATHER

- * TORNADO
- T THUNDERSTORM
- Q SQUALL
- R RAIN
- RW RAIN SHOWERS
- ZR FREEZING RAIN
- L DRIZZLE
- ZL FREEZING DRIZZLE
- S 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

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.

STATION: RICHMOND VA

YEAR & MONTH: 79 09

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