

OBSERVATIONS AT 3-HOUR INTERVALS

DEC 1991
RICHMOND, VA 13740

HOUR L. S. T.	VISI-BILITY			TEMPERATURE				WIND			WEATHER	VISI-BILITY			TEMPERATURE				WIND			WEATHER	VISI-BILITY			TEMPERATURE				WIND																																																																																													
	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET		AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)		CEILING IN HUNDREDS OF FEET		AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET		AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET		AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																																																																						
		WHOLE MILES	16THS MILE									WHOLE MILES	16THS MILE								WHOLE MILES									16THS MILE	WHOLE MILES							16THS MILE	WHOLE MILES	16THS MILE	WHOLE MILES	16THS MILE	WHOLE MILES	16THS MILE	WHOLE MILES	16THS MILE	WHOLE MILES	16THS MILE																																																																											
DEC 19th																																DEC 20th																																DEC 21st																																																											
01	0	UNL	12	28	23	10	47	31	14	0	UNL	15	22	19	12	65	31	4	10	130	12	40	30	7	25	20	8	DEC 22nd																																DEC 23rd																																DEC 24th																															
04	0	UNL	12	26	21	8	46	33	15	1	UNL	15	22	19	9	57	30	4	10	130	10	41	31	10	28	19	12	DEC 25th																																DEC 26th																																DEC 27th																															
07	0	UNL	15	23	18	3	42	34	11	3	UNL	10	20	19	16	84	25	3	10	150	10	45	33	8	22	21	15	DEC 28th																																DEC 29th																																DEC 30th																															
10	0	UNL	12	26	20	4	39	36	12	0	UNL	6	34	27	14	44	23	3	10	120	7	45	36	22	40	21	11	DEC 31st																																																																																															
13	0	UNL	15	32	25	7	35	34	10	9	UNL	8	46	35	15	29	25	8	4	UNL	8	51	41	26	38	25	10																																																																																																
16	0	UNL	15	34	25	3	27	33	10	10	120	12	46	33	3	17	18	5	0	UNL	10	58	46	31	36	30	12																																																																																																
19	0	UNL	15	29	22	4	34	32	6	10	120	12	40	31	12	32	16	7	0	UNL	10	45	38	28	52	27	3																																																																																																
22	0	UNL	15	26	22	13	58	36	5	10	120	12	40	31	10	29	18	9	0	UNL	10	40	35	27	60	26	6																																																																																																

SUMMARY BY HOURS

HOUR L. S. T.	SKY COVER (TENTHS)	STATION PRESSURE (INCHES)	AVERAGES				RESULTANT WIND		
			TEMPERATURE			WIND SPEED (MPH)	DIRECTION	SPEED (MPH)	
			AIR TEMP OF	WET BULB OF	DEW POINT OF				REL HUMIDITY %
01	4	29.980	41	38	33	7.4	7.6	26	3.1
04	4	29.990	39	37	32	7.6	7.2	27	2.5
07	4	30.010	38	36	31	7.6	7.5	26	2.0
10	5	30.040	46	41	34	6.5	9.8	28	3.1
13	5	29.960	53	46	36	5.6	11.2	25	4.1
16	6	29.950	52	45	35	5.6	10.5	23	2.9
19	5	29.990	45	40	33	6.7	7.5	19	2.5
22	5	30.000	43	39	33	7.1	7.9	23	2.2

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DEC 1991
RICHMOND, VA

13740

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	
01				0.02	0.06	0.12	0.01	0.01	T	0.03	0.03	0.02	0.02	0.08	0.05	0.13	0.12	0.03	0.07			0.08	0.03	T	01
02	T	0.01	0.01	0.01	0.03	0.03	0.02	0.02	0.06	0.03	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.02	T	T	T	T	T	T	02
03	T																								03
04																									04
05																									05
06																									06
07																									07
08																									08
09																									09
10	0.03	0.02	T														T	0.01	0.02	0.03	0.03	0.30	0.30	0.12	10
11																									11
12																									12
13																									13
14								T	0.01	0.08	0.11	0.03	T	T											14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21									T	T	T														21
22																									22
23										T	T	T	0.01	T	0.02	0.01	T	T		T	T				23
24						T	T																		24
25																									25
26																									26
27																									27
28																									28
29	0.06	0.09	0.12	0.08	0.03	0.04	0.05	0.04	T	0.02	0.02	T	0.01	0.04	0.04	0.10	0.11	0.09	0.10	0.08	0.05	0.06	0.07	0.03	29
30																		T	0.14	0.16	0.01				30
31																									31

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.15	0.16	0.16	0.17	0.21	0.26	0.31	0.40	0.50	0.60	0.65	0.73
ENDED: DATE	03	03	03	09	09	09	09	03	09	09	09	09
ENDED: TIME	1400	1406	1406	2150	2159	2212	2228	1516	2309	2259	2336	2342

THE PRECIPITATION AMOUNTS FOR THE INDICATED TIME INTERVALS MAY OCCUR AT ANY TIME DURING THE MONTH. THE TIME INDICATED IS THE ENDING TIME OF THE INTERVAL. DATE AND TIME ARE NOT ENTERED FOR TRACE AMOUNTS.

VALIDATED BY:
CHARLOTTE WARD

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