

LOCAL CLIMATOLOGICAL DATA Monthly Summary



R.E.BYRD INTERNATIONAL AP.

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

DEC 1984
 RICHMOND, VIRGINIA

DATE	TEMPERATURE °F						DEGREE DAYS BASE 65°F		WEATHER TYPES 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 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 177 FEET ABOVE M.S.L.	WIND (M.P.H.)			SUNSHINE		SKY COVER (TENTHS)				
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINNS WITH JUL)	COOLING (SEASON BEGINNS WITH JAN)	WATER EQUIVALENT (INCHES)			SNOW, ICE PELLETS (INCHES)	RESULTANT DIR.		RESULTANT SPEED	AVERAGE SPEED	FASTEST MILE	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	DATE		
01	62	34	48	4	33	17	0		0	0.00	0.0	29.860	25	6.0	7.2	13	27	480	82	6	3	01	
02	57	28	43	0	33	22	0	1	0	0.10	0.0	30.100	12	4.0	4.9	10	10	484	83	7	6	02	
03	58	34	46	3	43	19	0	2	8	0.20	0.0	29.890	25	2.1	6.1	16	11	189	32	7	6	03	
04	48	30	39	-4	24	26	0	0	0	0.00	0.0	30.160	32	4.3	5.4	10	31	368	63	8	6	04	
05	42	35	39	-3	28	26	0	1	4	0.82	T	30.100	04	6.7	8.4	15	04	0	0	10	10	05	
06	47	30	39	-3	29	26	0	1	0	0.07	0.0	29.610	29	10.0	11.6	16	29	124	21	8	7	06	
07	34	21	28*	-14	9	37	0	0	0	0.00	0.0	30.000	28	7.8	9.7	14	27	316	54	7	4	07	
08	57	21	39	-3	19	26	0	0	0	0.00	0.0	29.890	21	7.9	8.5	16	23	580	100	3	1	08	
09	58	24	41	0	29	24	0	0	8	0.00	0.0	30.010	04	1.6	2.6	8	08	406	70	3	3	09	
10	56	29	43	2	34	22	0	1	8	T	0.0	29.830	19	2.6	3.0	8	16	229	40	9	9	10	
11	51	34	43	2	39	22	0	1	8	0.00	0.0	29.830	36	6.8	7.2	16	01	108	19	9	7	11	
12	57	30	44	3	38	21	0	2	8	0.00	0.0	29.800	19	5.2	5.7	12	19	353	61	9	9	12	
13	72	41	57	17	46	8	0	1	8	0.00	0.0	29.850	18	4.5	5.1	12	19	330	57	8	7	13	
14	65	42	54	14	48	11	0	1	8	0.00	0.0	30.140	08	4.8	5.8	12	08	398	69	4	6	14	
15	73	49	61	21	51	4	0	2	8	0.00	0.0	30.170	17	2.1	5.8	13	08	357	62	5	6	15	
16	49	44	47	7	45	18	0	2	8	T	0.0	30.190	13	3.4	6.6	8	22	0	0	10	10	16	
17	73	49	61	22	51	4	0	1	8	0.00	0.0	29.995	23	7.2	7.8	12	26	301	52	4	5	17	
18	75	53	64	25	52	1	0	0	0	T	0.0	29.940	29	3.7	7.0	10	03	255	44	9	7	18	
19	65	52	59	20	47	6	0	0	0	T	0.0	29.820	21	3.8	7.8	15	23	165	29	9	8	19	
20	60	45	53	14	47	12	0	0	0	0.00	0.0	29.870	07	2.8	4.2	9	07	5	1	10	9	20	
21	56	45	51	12	45	14	0	2	0	0.18	0.0	29.880	08	3.3	5.6	13	19	0	0	10	10	21	
22	67	47	57	19	45	8	0	0	0	0.03	0.0	29.730	24	10.1	12.7	17	28	210	37	8	7	22	
23	51	28	40	2	24	25	0	0	0	0.00	0.0	30.100	06	0.7	4.9	13	34	339	59	8	5	23	
24	56	24	40	2	31	25	0	0	0	T	0.0	29.940	20	6.7	7.0	16	19	355	62	8	6	24	
25	56	28	42	4	31	23	0	0	0	T	0.0	30.160	34	5.4	10.3	18	01	400	70	8	7	25	
26	53	21*	37	-1	19	28	0	0	0	0.00	0.0	30.480	11	0.9	2.5	6	21	575	100	1	1	26	
27	57	30	44	6	35	21	0	0	0	0.00	0.0	30.300	17	3.1	4.2	7	19	87	15	10	9	27	
28	77	41	59	21	46	6	0	0	0	0.00	0.0	30.080	22	9.2	9.5	17	23	395	69	7	6	28	
29	78*	56	67*	30	50	0	2	0	0	0.00	0.0	29.920	23	11.8	12.0	18	25	576	100	0	1	29	
30	68	46	57	20	47	8	0	0	0	0.01	0.0	30.050	02	3.2	9.4	14	23	179	31	7	6	30	
31	46	42	44	7	42	21	0	2	0	0.11	0.0	30.150	01	3.9	6.3	13	05	0	0	10	10	31	
SUM	SUM					TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:			TOTAL	%	SUM	SUM					
1824	1133					531	2			1.52	T	29.995	24	1.7	6.9	18	25	8564	FOR	222	197		
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.		PRECIPITATION		DEP.							DATE: 29+	POSSIBLE	MONTH	AVG.	AVG.		
58.8	36.5	47.7	7.8	37.4	-24.7	-2		> .01 INCH.		8	-1.87						17905	48	7.2	6.4			
NUMBER OF DAYS						SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES			GREATEST DEPTH ON GROUND OF										
						TOTAL	TOTAL	> 1.0 INCH					SNOW, ICE PELLETS OR ICE AND DATE										
MAXIMUM TEMP.		MINIMUM TEMP.				1207	1499	THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS											
> 90°		< 32°		< 0°		DEP.	DEP.	HEAVY FOG		6		0.84 05-06		trace		05							
0		0		13		-299 163		CLEAR 4		PARTLY CLOUDY 9		CLOUDY 18											

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 † TRACE AMOUNT.
 + ALSO ON EARLIER DATE(S).
 HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
 BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

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. ONE OF THREE WIND SPEEDS IS GIVEN UNDER FASTEST MILE: FASTEST MILE - HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED ONE MINUTE WIND - HIGHEST ONE MINUTE SPEED (DIRECTION IN TENS OF DEGREES). PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED (A / APPEARS IN THE DIRECTION COLUMN). ERRORS WILL BE CORRECTED AND NOTED 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, ASHEVILLE, NORTH CAROLINA, 28801

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

Kenneth D. Hadden
 DIRECTOR
 NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

DEC 1984 RICHMOND, VIRGINIA 13740

HOUR	L. S. I.	SKY COVER (TENTHS)	VISI-BILITY		TEMPERATURE				WIND		SKY COVER (TENTHS)	VISI-BILITY		WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	VISI-BILITY		WEATHER	TEMPERATURE				WIND																																																						
			CEILING IN HUNDREDS OF FEET	WHOLE MILES	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		AIR OF	WET BULB OF		DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	AIR OF	WET BULB OF		DEW POINT OF	REL HUMIDITY %		DIRECTION	SPEED (KNOTS)																																																									
DEC 1st																												DEC 2nd																												DEC 3rd																											
01	0	UNL	15		46	39	30	54	24	8	0	UNL	15		34	33	31	89	00	0	10	45	5		RF	46	45	43	89	11	14																																																				
04	3	UNL	15		46	41	35	66	23	9	0	UNL	15		31	30	27	85	36	4	10	4	3		F	47	47	46	96	32	4																																																				
07	6	UNL	15		38	36	33	82	18	5	5	UNL	15		28	27	25	89	34	2	10	2	1		F	46	46	45	96	32	5																																																				
10	6	UNL	12		53	46	38	57	28	9	7	UNL	12		47	42	36	66	12	6	10	0	0	2	F	48	48	47	96	32	6																																																				
13	5	UNL	15		60	48	35	39	27	11	10	120	15		53	44	33	47	12	7	10	15	7			52	50	47	83	26	10																																																				
16	5	UNL	15		60	48	33	36	25	8	5	UNL	15		55	44	31	40	15	7	1	UNL	15			58	51	45	62	26	6																																																				
19	0	UNL	15		48	40	28	46	26	5	10	80	15		48	42	35	61	10	9	0	UNL	10			45	44	43	93	00	0																																																				
22	0	UNL	15		37	34	30	76	00	0	10	60	15		47	43	38	71	00	0	0	UNL	7			38	37	36	93	00	0																																																				
DEC 4th																												DEC 5th																												DEC 6th																											
01	0	UNL	15		32	31	30	92	33	7	10	80	10		36	33	29	76	00	0	10	4	1	8	F	35	34	33	92	31	8																																																				
04	0	UNL	15		31	29	24	75	29	3	10	80	10		38	33	25	60	03	6	10	6	1	8	RF	35	34	33	92	28	8																																																				
07	2	UNL	15		31	29	26	82	21	3	10	60	15		38	32	22	53	06	8	10	5	2	8	F	34	33	32	92	22	8																																																				
10	8	250	10		43	37	28	56	22	4	10	60	10		39	33	22	51	06	8	8	8	10			38	37	36	93	23	10																																																				
13	4	UNL	15		47	36	18	31	35	6	10	40	7		40	35	27	60	05	5	9	23	15			47	42	35	63	29	10																																																				
16	8	250	15		45	36	21	39	36	5	10	33	7		36	34	32	85	05	6	10	8	2	8	RF	38	36	32	79	32	14																																																				
19	10	250	15		37	31	19	48	33	4	10	4	1	8	RF	36	35	34	93	04	13	5	UNL	15			36	30	20	52	30	12																																																			
22	10	120	15		38	33	24	57	03	4	10	4	1	8	RF	36	36	35	96	34	11	0	UNL	15			33	28	17	52	28	11																																																			
DEC 7th																												DEC 8th																												DEC 9th																											
01	0	UNL	15		28	23	9	45	28	11	0	UNL	15		22	20	13	68	19	7	0	UNL	15			27	25	22	81	15	3																																																				
04	0	UNL	15		25	20	8	48	29	10	1	UNL	15		26	22	13	58	19	8	0	UNL	10			25	24	23	92	00	0																																																				
07	0	UNL	15		23	19	7	50	29	10	1	UNL	15		24	21	15	69	21	6	0	UNL	6		H	24	23	22	92	36	4																																																				
10	8	120	15		25	20	7	46	30	10	2	UNL	15		37	31	18	46	23	9	0	UNL	8			38	36	32	79	04	6																																																				
13	7	200	15		29	23	8	41	28	7	4	UNL	15		53	40	21	29	23	13	2	UNL	10			52	44	33	49	14	5																																																				
16	8	100	15		31	24	7	36	26	9	1	UNL	15		56	43	24	29	20	7	6	UNL	10			56	46	33	42	00	0																																																				
19	6	UNL	15		27	22	9	47	26	5	0	UNL	15		38	33	24	57	18	6	7	250	10			38	36	32	79	00	0																																																				
22	0	UNL	15		22	20	13	68	19	5	0	UNL	15		32	29	24	72	18	3	7	UNL	10			33	32	31	92	00	0																																																				
DEC 10th																												DEC 11th																												DEC 12th																											
01	3	UNL	5		31	30	29	92	00	0	10	46	7		44	43	41	89	00	0	4	UNL	7			34	34	33	96	00	0																																																				
04	7	200	2	8	FH	29	28	27	92	00	0	10	46	6		43	41	39	86	34	5	10	UNL	4			32	31	30	92	00	0																																																			
07	8	200	2	8	FH	30	29	28	92	00	0	10	28	6		41	40	39	93	35	4	8	100	0	8	F	30	30	29	96	15	4																																																			
10	10	250	0	8	FH	41	39	37	86	00	0	2	UNL	8		49	45	40	71	01	14	10	250	0	4	F	37	37	37	100	19	3																																																			
13	8	250	5		H	56	46	35	45	19	4	10	24	7		50	45	40	69	36	12	8	UNL	2	8	F	52	47	41	66	17	8																																																			
16	10	75	6		H	53	45	36	53	18	5	10	25	7		51	46	40	66	36	6	8	UNL	7			56	50	43	62	18	8																																																			
19	10	55	8		RW	48	43	37	66	20	6	0	UNL	12		45	42	38	77	35	4	8	UNL	6		H	46	44	42	86	17	7																																																			
22	10	20	5		F	44	42	40	86	00	0	2	UNL	7		37	36	35	93	34	4	7	UNL	6		FH	44	43	42	93	18	6																																																			
DEC 13th																												DEC 14th																												DEC 15th																											
01	8	UNL	6		H	47	46	44	89	20	8	2	UNL	7		46	45	44	93	00	0	10	4	3		FH	53	51	50	90	19	4																																																			
04	8	UNL	6		H	42	41	40	93	19	6	2	UNL	1	8	F	43	42	41	93	00	0	10	3	1	4	FH	53	52	51	93	22	4																																																		
07	10	UNL	4		FH	42	42	41	96	20	4	9	45	2	8	F	47	47	47	100	04	7	10	3	1	4	FH	52	51	50	93	22	4																																																		
10	7	UNL	5		H	53	50	47	80	23	7	7	UNL	3		56	52	49	78	05	6	10	4	0	8	F	55	53	51	87	25	5																																																			
13	8	UNL	6		H	67	57	49	53	22	5	0	UNL	3		63	56	51	65	10	5	2	UNL	3		H	66	59	53	63	23	5																																																			
16	10	250	6		H	68	59	52	57	16	5	7	UNL	3		62	56	51	67	08	10	2	UNL	3		H	72	61	53	51	00	0																																																			
19	2	UNL	7		H	53	50	48	83	14	3	10	10	3		54	52	50	86	08	6	0	UNL	3		H	55	52	50	83	17	4																																																			
22	3	UNL	7		FH	48	47	46	93	14	3	10	8	3		54	52	50	86	09	4	10	4	2		FH	51	50	49	93	08	11																																																			
DEC 16th																												DEC 17th																												DEC 18th																											
01	10	1	0	4	LF	49	48	47	93	07	7	10	3	1		F	49	48	47	93	20	5	0	UNL	12			58	54	51	78	27	8																																																		
04	10	2	0	12	LF	47	47	46	96	09	7	10	2	1		F	51	51	50	96	22	7	2	UNL	12			57	54	51	81	26	7																																																		
07	10	2	0	12	F	46	45	44	93	09	7	10	5	2		F	54	52	51	90	22	7	3	UNL	8			56	53	51	83	25	8																																																		
10	10	3	1		F	46	45	44	93	10	4	9	70	2		F	57	55	53	87	24	7	7	UNL	7			64	58	54	70	26	8																																																		
13	10	6	2		FH	48	46	44	86	15	4	1	UNL	7		68	60	53	59	26	10	10	250	8			72	63	56	57	30	6																																																			
16	10	8	2		FH	49	47	45	86	17	5	0	UNL	12		72	61	52	50	24	5	10	250	8			72	62	54	53	31	5																																																			
19	10	6	2		FH	49	47	45	86	18	5	0	UNL	12		55	52	49	80	20	6	10	250	8			70	56	53	78	00	0																																																			
22	10	1	1		F	47	47	46	96	25	7	0	UNL	12		53	51	50	90	20	4	10	45	8		R	62	53	45	54	04	8																																																			

WEATHER CODES

- * TORNADO
- T THUNDERSTORM
- Q SQUALL
- R RAIN
- RW RAIN SHOWERS
- ZR FREEZING RAIN
- L DRIZZLE
- ZL FREEZING DRIZZLE
- S SNOW
- SW SNOW SHOWERS
- SG SNOW GRAINS
- SP SNOW PELLETS
- IC ICE CRYSTALS
- IP ICE PELLETS
- IPW ICE PELLET SHOWERS
- 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

CEILING: UNL INDICATES UNLIMITED
 WIND DIRECTION: 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. AN ENTRY OF 00 INDICATES CALM
 SPEED: THE OBSERVED AVERAGE ONE-MINUTE VALUE, EXPRESSED IN KNOTS (MPH=KNOTS X 1.15).

OBSERVATIONS AT 3-HOUR INTERVALS

DEC 1984 RICHMOND, VIRGINIA 13740

HOUR L.S.T.	SKY COVER (TENTHS)			WEATHER	TEMPERATURE			WIND			SKY COVER (TENTHS)	VISI-BILITY			WEATHER	TEMPERATURE			WIND																																											
	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE		AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE		AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																									
DEC 19th																					DEC 20th																					DEC 21st																				
01	10	30	8		56	49	42	60	05	5	7	250	7		59	56	53	81	29	6	10	100	7		46	44	42	86	07	5																																
04	10	25	15		53	48	43	69	05	5	7	UNL	7		54	52	51	90	07	3	10	15	7	R	47	45	42	83	08	6																																
07	10	21	15		52	46	39	61	00	0	5	UNL	12		49	48	46	90	08	3	10	17	7	R	47	45	42	83	08	3																																
10	5	UNL	7		55	48	40	57	18	7	10	200	7		53	50	46	77	12	5	10	23	5	RF	45	44	42	89	09	8																																
13	10	250	7		63	55	49	61	20	11	10	100	7		57	52	47	69	06	3	10	11	5	F	47	46	44	89	05	6																																
16	10	80	7		65	58	53	65	21	8	10	100	7		55	50	46	72	03	4	10	2	0	4	F	48	47	46	93	33	5																															
19	8	50	7		60	57	54	81	21	7	10	250	7		48	46	44	86	00	0	10	1	0	2	F	48	48	48	100	00	0																															
22	3	UNL	7		60	56	52	75	23	5	10	100	7		46	45	44	93	00	0	10	1	0	2	F	49	49	48	96	22	4																															
DEC 22nd																					DEC 23rd																					DEC 24th																				
01	10	80	7		60	57	55	84	21	14	0	UNL	15		46	42	38	74	34	9	0	UNL	15		28	27	24	85	00	0																																
04	10	80	7		63	57	53	70	21	15	0	UNL	15		37	32	23	57	35	3	0	UNL	15		27	26	25	92	00	0																																
07	10	55	7		60	58	56	87	21	12	8	250	15		37	32	24	59	33	4	0	UNL	15		25	24	23	92	00	0																																
10	10	55	8	RW	60	56	53	78	23	11	10	250	15		40	33	22	49	06	5	8	UNL	12		42	38	33	71	23	6																																
13	7	60	12		62	55	48	60	23	11	8	250	15		49	39	22	35	19	3	9	100	15		54	44	30	40	23	10																																
16	6	UNL	15		65	53	41	42	27	13	7	250	15		48	38	21	34	18	6	10	250	15		56	45	32	40	19	9																																
19	4	UNL	15		56	47	37	49	26	6	5	UNL	15		36	31	22	57	15	7	10	70	12	R	54	47	39	57	19	9																																
22	0	UNL	15		52	42	27	38	31	9	0	UNL	15		31	29	24	75	15	3	10	30	12		55	47	38	53	20	12																																
DEC 25th																					DEC 26th																					DEC 27th																				
01	10	75	12		55	48	41	60	21	11	0	UNL	15		26	24	19	75	00	0	3	UNL	15		30	28	23	75	19	3																																
04	10	45	12		54	51	48	80	22	11	0	UNL	15		23	21	17	78	28	3	10	28	15		38	35	29	70	00	0																																
07	10	60	12		54	51	48	80	28	8	0	UNL	15		21	20	17	85	35	5	10	25	15		40	36	29	65	33	3																																
10	10	UNL	15		51	44	36	57	01	16	0	UNL	12		38	32	21	50	00	0	10	23	15		46	41	33	61	11	3																																
13	8	UNL	15		50	42	31	48	01	9	2	UNL	15		48	37	18	30	08	4	10	16	15		52	45	37	57	13	5																																
16	7	UNL	15		49	38	21	33	35	9	0	UNL	15		51	38	13	22	21	5	10	80	10		54	48	41	62	16	6																																
19	3	UNL	15		38	31	16	41	04	8	1	UNL	15		36	31	21	55	08	4	10	80	10		49	45	41	74	18	5																																
22	0	UNL	15		31	26	14	49	02	4	8	80	15		34	29	20	57	00	0	8	250	8		45	44	42	89	19	5																																
DEC 28th																					DEC 29th																					DEC 30th																				
01	7	UNL	8		45	44	43	93	20	5	7	UNL	10		59	54	49	70	21	10	0	UNL	15		62	57	52	70	23	12																																
04	0	UNL	7		43	42	41	93	22	3	1	UNL	10		59	54	49	70	22	10	0	UNL	15		60	55	51	72	24	7																																
07	7	UNL	7		42	42	41	96	21	3	2	UNL	10		56	52	49	78	22	10	0	UNL	15		59	54	50	72	25	8																																
10	9	UNL	7		59	53	48	67	23	6	0	UNL	15		65	57	51	61	25	7	3	UNL	15		65	57	50	59	03	8																																
13	7	UNL	10		76	60	47	36	23	15	0	UNL	15		76	62	52	43	23	14	9	100	15		65	57	51	61	05	9																																
16	8	UNL	10		75	60	48	39	23	12	0	UNL	15		76	61	50	40	22	10	10	50	10		58	52	47	67	04	9																																
19	8	250	10		66	56	48	53	21	10	0	UNL	15		66	58	51	59	21	10	10	25	8	R	53	47	41	64	04	8																																
22	7	250	10		62	55	49	63	22	10	0	UNL	15		63	56	51	65	23	11	10	25	8		47	44	40	77	04	7																																
DEC 31st																																																														
01	10	28	6	RF	45	43	41	86	01	6																62	57	52	70	23	12																															
04	10	5	5	RLF	43	42	40	89	03	9																60	55	51	72	24	7																															
07	10	5	4	RF	43	42	41	93	01	5																59	54	50	72	25	8																															
10	10	5	4	LF	43	42	41	93	01	6																65	57	50	59	03	8																															
13	10	4	1	4 LF	45	44	43	93	34	6																65	57	51	61	05	9																															
16	10	4	2	8 F	45	45	44	96	36	3																58	52	47	67	04	9																															
19	10	2	1	8 F	45	45	44	96	19	4																53	47	41	64	04	8																															
22	10	7	3	F	46	45	43	89	26	5																47	44	40	77	04	7																															

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				
01	5	29.980	43	40	37	81	6.5	23	2.4
04	6	29.980	42	40	36	81	6.1	24	2.1
07	7	30.010	41	39	36	83	5.9	25	1.8
10	7	30.040	48	44	38	71	7.8	27	1.2
13	7	29.980	55	48	39	56	8.9	24	2.9
16	7	29.970	56	48	38	55	7.8	24	2.3
19	6	29.995	48	43	37	70	6.4	18	1.8
22	6	30.000	44	41	37	77	5.8	24	1.4

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DEC 1984
RICHMOND, VIRGINIA

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																								01		
02																								02		
03	0.13	0.03	0.04	T																		T	0.02	0.08	03	
04																									04	
05												T		0.01	0.01	0.02	0.01	0.01	0.07	0.17	0.04	0.19	0.17	0.10	0.02	05
06	T			T	0.01	0.01																			06	
07																0.01	0.03	0.01							07	
08																									08	
09																									09	
10																									10	
11																									11	
12																									12	
13																									13	
14																									14	
15																									15	
16	T	T	T	T	T																				16	
17																									17	
18																									18	
19																								T	T	19
20																									T	20
21																										21
22																										22
23																										23
24																										24
25																										25
26																										26
27																										27
28																										28
29																										29
30																									0.01	30
31	0.02	0.02	0.03	0.01	T	T	0.02	0.01	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	0.01	31

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.03	0.05	0.06	0.08	0.11	0.14	0.16	0.21	0.28	0.30	0.37	0.48
ENDED: DATE	05	05	05	05	05	05	05	05	05	05	05	05
ENDED: TIME	1850	1855	1857	1857	1857	1857	1857	1900	1900	2250	2250	2250

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.

SUBSCRIPTION PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING
ASHEVILLE, NORTH CAROLINA 28801
ATTN: PUBLICATIONS

RICHMOND, VIRGINIA
USCOMM - NOAA - ASHEVILLE, NC 500

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210



FIRST CLASS