

LOCAL CLIMATOLOGICAL DATA Monthly Summary



NATIONAL WEATHER SERVICE OFC

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

JUL 1983
 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 07AM INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 177 FEET ABOVE M.S.L.	WIND (M.P.H.)			SUNSHINE		SKY COVER (TENTHS)			DATE				
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEN POINT			HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON BEGINS 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		
1	88	69	79	2	71	0	14		8	0	0	29.86	17	6.2	6.6	12	S	612	69	9	8	1	
2	97	73	85	8	72	0	20			0	0	29.82	19	6.0	7.1	11	S	725	82	5	5	2	
3	99*	74	87	10	73	0	22		8	0	0	29.87	14	3.8	5.9	7	E	834	95	2	3	3	
4	97	76	87	10	74	0	22	1	3	8	0	29.82	16	8.6	9.2	12	S	744	84	6	5	4	
5	87	71	79	2	70	0	14			0	T	29.71	24	1.5	6.3	20	N	560	64	10	9	5	
6	87	68	78	1	64	0	13	1		0	T	29.80	34	9.7	11.4	16	N	666	76	2	4	6	
7	80	62	71	-6	53	0	6			0	0	30.06	35	8.5	8.8	15	N	878	100	0	0	7	
8	83	54*	69*	-9	57	0	4			0	0	30.05	04	1.8	3.0	9	NW	878	100	0	0	8	
9	89	60	75	-3	60	0	10		8	0	0	29.84	30	3.7	6.8	16	N	795	91	3	4	9	
10	84	63	74	-4	57	0	9	1		8	0	29.80	02	6.3	7.5	14	NE	793	91	6	6	10	
11	86	58	72	-6	61	0	7			0	0	29.88	08	5.3	5.5	10	S	747	85	9	8	11	
12	92	63	78	0	67	0	13		8	0	0	29.87	24	5.4	5.9	10	SW	874	100	3	3	12	
13	96	68	82	4	70	0	17	1		8	0	29.84	19	5.1	5.8	17	N	792	91	4	4	13	
14	90	68	79	1	62	0	14		8	0	0	29.86	33	5.8	5.9	13	N	872	100	6	6	14	
15	96	66	81	3	67	0	16		8	0	0	29.76	27	4.5	5.0	10	NW	845	97	1	2	15	
16	96	77	87*	9	71	0	22		8	0	0	29.68	29	7.5	8.3	15	NW	729	84	4	3	16	
17	96	74	85	7	70	0	20		8	0	0	29.71	27	7.2	8.9	14	N	770	89	5	6	17	
18	97	70	84	6	68	0	19	1		8	0	29.74	25	2.2	5.3	9	W	780	90	4	3	18	
19	97	73	85	7	73	0	20	1	3	8	0	29.78	20	2.4	6.0	18	N	644	74	8	7	19	
20	97	71	84	6	74	0	19	1	3	8	0	29.80	25	1.1	4.8	10	SW	678	78	9	9	20	
21	98	74	86	8	73	0	21	1	3	8	0	29.73	27	6.1	8.9	29	NW	787	91	6	7	21	
22	88	66	77	-1	64	0	12		3	0	0	29.70	33	6.6	9.5	19	W	725	84	7	6	22	
23	88	61	75	-3	63	0	10	1	3	8	0	29.71	25	1.6	5.5	15	W	804	94	8	7	23	
24	92	70	81	3	69	0	16	1		8	0	29.57	25	6.9	9.2	19	NW	561	65	7	6	24	
25	84	66	75	-3	65	0	10			0	0	29.70	33	7.4	7.5	13	N	565	66	9	7	25	
26	87	65	76	-3	63	0	11	1		8	0	29.79	36	4.5	7.5	12	N	818	96	2	1	26	
27	92	62	77	-1	62	0	12	1		8	0	29.94	13	2.8	5.5	10	S	853	100	6	4	27	
28	91	65	78	0	61	0	13			0	0	30.06	15	7.1	8.6	15	SE	807	95	6	5	28	
29	91	64	78	0	64	0	13	1		0	0	30.08	15	6.1	7.1	11	SW	850	100	4	3	29	
30	95	65	80	2	63	0	15			0	0	30.00	17	4.9	6.5	11	S	849	100	1	1	30	
31	98	67	83	5	64	0	18			0	0	29.91	18	8.1	8.2	16	SW	847	100	1	0	31	
SUM	SUM					TOTAL	TOTAL					TOTAL	TOTAL	FOR THE MONTH:			TOTAL	%	SUM	SUM			
2838	2083					0	452					51	0	29.83	25	1.3	7.0	29	NW	23682	FOR	153	142
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	DEP.					DEP.						DATE: 21	POSSIBLE	MONTH	AVG.	AVG.	
91.5	67.2	79.4	1.6	66		0	55					-4.63							26897	88	4.9	4.6	
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.				0		9.08		THUNDERSTORMS		6		PRECIPITATION		SNOW, ICE PELLETS							
5 90°		< 32°		< 0°		DEP.		DEP.		HEAVY FOG		0		.35		19		0					
19		0		0		0		141		CLEAR		10		PARTLY CLOUDY		14		CLOUDY 7					

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 T 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 7 OR MORE OBSERVATIONS AT 3-HOUR 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 CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL PUBLICATION.

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

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
 NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

L. Ray Hoxit
 ACTING DIRECTOR
 NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

JUL 1983 13740
RICHMOND, VIRGINIA

HOUR	L. S. T.	VISI-BILITY			TEMPERATURE				WIND			VISI-BILITY			TEMPERATURE				WIND			VISI-BILITY			TEMPERATURE				WIND																																																						
		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	NET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	NET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	NET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																																		
DAY 01																												DAY 02																												DAY 03																											
01	6	UNL	12		71	68	66	84	11	3	8	80	10			76	71	68	76	19	6	10	80	8			80	71	67	65	15	3																																																			
04	5	UNL	8		69	67	66	90	16	4	10	50	10			73	70	68	84	18	4	5	UNL	8			74	71	69	84	20	4																																																			
07	10	20	6	H	71	69	68	90	15	4	8	45	10			76	72	70	82	19	5	6	UNL	7			80	73	69	69	29	5																																																			
10	10	13	6	H	80	74	72	77	17	6	10	UNL	8			87	78	75	68	22	5	0	UNL	7			90	79	75	61	12	6																																																			
13	10	16	6	H	83	77	74	74	19	7	4	UNL	7			95	80	74	51	17	7	1	UNL	6	H		96	82	77	54	17	7																																																			
16	9	120	6	H	88	78	74	63	19	8	0	UNL	7			96	79	73	48	17	11	1	UNL	6	H		97	80	74	48	13	7																																																			
19	7	120	7		84	77	74	72	16	7	4	UNL	7			91	79	74	58	21	6	3	UNL	6	H		91	80	76	62	10	6																																																			
22	7	120	7		80	76	74	82	18	7	2	UNL	7			83	77	74	74	28	5	2	UNL	7			83	77	75	77	11	3																																																			
DAY 04																												DAY 05																												DAY 06																											
01	3	UNL	7		79	74	72	79	18	6	10	250	8			77	71	68	74	18	4	4	UNL	5			69	67	66	90	15	5																																																			
04	3	UNL	5	H	77	74	73	88	13	4	3	UNL	8			74	71	69	84	20	6	3	UNL	7			69	67	66	90	31	5																																																			
07	3	UNL	4	H	80	76	75	85	17	7	10	100	7			74	71	70	87	18	7	0	UNL	8			73	70	68	84	34	8																																																			
10	5	UNL	4	H	90	80	77	66	17	7	8	250	10			87	76	71	59	30	8	0	UNL	12			81	71	66	60	35	13																																																			
13	5	UNL	4	H	97	83	79	56	18	11	10	80	15			84	75	71	65	07	3	5	UNL	12			87	73	67	52	33	12																																																			
16	7	250	4	H	91	79	75	60	13	13	10	80	15			86	77	73	65	12	4	1	UNL	10			86	72	65	50	35	12																																																			
19	7	250	7		84	75	71	65	17	8	10	25	15			76	71	68	76	34	9	7	100	10			78	66	59	52	34	13																																																			
22	5	UNL	7	T	79	74	72	79	19	8	9	250	10			73	70	68	84	26	3	8	50	10			74	61	51	45	35	11																																																			
DAY 07																												DAY 08																												DAY 09																											
01	3	UNL	15		68	58	51	55	34	7	0	UNL	15			59	58	57	93	00	0	0	UNL	12			63	62	62	97	16	4																																																			
04	0	UNL	15		63	57	52	68	34	8	0	UNL	15			56	55	55	96	00	0	2	UNL	12			61	61	61	100	19	4																																																			
07	0	UNL	15		66	59	54	65	35	10	0	UNL	12			65	61	58	78	32	6	0	UNL	10			67	65	64	90	20	4																																																			
10	0	UNL	20		75	61	50	42	35	12	0	UNL	15			77	65	57	50	00	0	0	UNL	12			81	68	61	51	32	12																																																			
13	0	UNL	20		78	62	51	39	33	10	0	UNL	15			83	66	55	38	00	0	2	UNL	5	H		86	67	55	35	27	7																																																			
16	0	UNL	20		79	64	53	41	02	9	0	UNL	15			83	66	56	40	06	5	6	UNL	7			87	67	55	34	34	9																																																			
19	0	UNL	20		75	63	55	50	35	5	0	UNL	15			78	66	58	50	04	5	9	250	7			82	68	59	46	33	4																																																			
22	0	UNL	15		63	60	58	84	00	0	0	UNL	10			66	63	62	87	11	5	8	80	7			74	68	65	74	30	3																																																			
DAY 10																												DAY 11																												DAY 12																											
01	10	20	6	H	73	68	65	76	31	4	3	UNL	10			61	59	58	90	07	4	7	UNL	7			67	66	65	93	23	4																																																			
04	8	18	5	H	70	67	65	84	33	7	3	UNL	10			58	57	57	96	00	0	4	UNL	7			64	64	64	100	18	4																																																			
07	3	UNL	5	H	70	66	63	79	02	9	10	250	10			65	62	60	84	00	0	3	UNL	6	H		70	68	67	90	22	5																																																			
10	2	UNL	12		76	63	54	47	03	8	10	UNL	8			77	67	62	60	06	8	2	UNL	6	H		84	76	72	67	26	3																																																			
13	7	UNL	15		81	62	49	33	02	10	8	250	8			84	69	60	44	07	9	3	UNL	6	H		91	75	67	45	26	6																																																			
16	8	UNL	15		83	63	48	30	03	4	8	40	7			85	70	62	46	09	7	2	UNL	7			91	75	67	45	25	9																																																			
19	10	250	15		76	62	53	45	04	6	10	UNL	7			79	70	65	62	09	6	2	UNL	7			87	72	64	46	27	5																																																			
22	6	UNL	10		64	61	59	84	09	4	6	UNL	7			70	67	65	84	09	4	0	UNL	8			78	71	67	69	23	5																																																			
DAY 13																												DAY 14																												DAY 15																											
01	6	80	6	H	73	70	68	84	23	3	10	23	6			76	70	67	74	00	0	7	UNL	10			69	66	64	84	00	0																																																			
04	0	UNL	5	H	69	68	67	93	19	7	0	UNL	10			70	64	61	73	33	5	1	UNL	8			68	66	65	90	00	0																																																			
07	7	UNL	2	FH	74	71	70	87	23	6	7	UNL	10			75	66	61	62	32	9	2	UNL	7			74	69	67	79	30	4																																																			
10	4	UNL	2	H	88	76	71	57	00	0	8	UNL	10			84	70	63	49	34	8	0	UNL	5	H		89	72	64	44	28	6																																																			
13	3	UNL	2	H	95	77	69	43	21	6	7	UNL	10			87	69	59	39	33	5	2	UNL	7			95	74	64	36	24	5																																																			
16	5	UNL	2	H	92	75	68	45	17	9	6	UNL	10			90	70	58	34	34	10	0	UNL	7			95	77	69	43	30	9																																																			
19	3	UNL	2	H	87	76	72	61	14	4	6	UNL	10			85	70	61	45	34	4	0	UNL	6	H		90	77	71	54	27	6																																																			
22	5	UNL	3	H	82	76	73	74	18	5	6	UNL	12			70	67	66	87	00	0	0	UNL	5	H		82	75	72	72	23	5																																																			
DAY 16																												DAY 17																												DAY 18																											
01	0	UNL	5	H	80	74	72	77	26	6	3	UNL	2			80	73	70	72	30	7	8	120	10			77	71	68	74	29	5																																																			
04	0	UNL	5	H	80	74	71	74	29	7	4	UNL	2			76	72	70	82	27	5	2	UNL	7			72	71	70	93	00	0																																																			
07	3	UNL	4	H	82	75	72	72	28	6	5	UNL	1			80	74	71	74	27	6	4	UNL	6	H		78	72	69	74	27	5																																																			
10	4	UNL	4	H	91	78	73	56	32	11	5	UNL	1	B		90	77	72	56	28	10	8	80	8			86	73	66	51	02	7																																																			
13	5	UNL	3	H	95	79	72	47	32	11	3	UNL	3	H		96	76	67	39	33	11	2	UNL	8			94	77	69	44	18	8																																																			
16	5	UNL	2	H	96	76	67	39	26	10	8	250	3	H		95	76	67	40	27	8	2	UNL	8			95	76	67	40	26	8																																																			
19	4	UNL	2	H	91	75	68	47	26	7	4	UNL	3	H		90	75	68	48	24	8	2	UNL	10			90	74	66	45	17	4																																																			
22	3	UNL	2	H	79	75	73	82	00	0	10	100	3	H		83	75	72	70	20	7	0	UNL	12			79	73	71	77	00	0																																																			

WEATHER CODES

- * TORNADO
- Q THUNDERSTORM
- T 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

JUL 1983
RICHMOND, VIRGINIA 13740

HOUR L.S.T.	SKY COVER (TENTHS)			VISI-BILITY		TEMPERATURE				WIND		SKY COVER (TENTHS)			VISI-BILITY		TEMPERATURE				WIND														
	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR of	WET BULB of	DEW POINT of	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR of	WET BULB of	DEW POINT of	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)															
	DAY 19											DAY 20											DAY 21												
01	7	UNL	10			75	72	71	87	00	0	8	UNL	3			74	73	73	97	21	5	9	80	5			H	76	74	73	90	18	3	
04	8	250	10			75	73	72	90	00	0	10	80	2			FH	73	73	73	100	00	0	5	UNL	5			H	77	75	74	91	29	5
07	10	80	6	H		78	74	73	85	16	6	8	UNL	2			F	77	75	74	91	30	4	4	UNL	3	FH	79	75	74	85	24	7		
10	2	UNL	4	H		90	78	73	57	30	5	8	UNL	1			H	85	78	75	72	35	6	0	UNL	3	H	91	78	73	56	27	6		
13	8	250	7			96	78	70	43	22	13	7	UNL	3			H	91	78	72	54	32	3	7	250	4	H	94	79	73	51	30	9		
16	10	40	7	T		82	76	73	74	02	7	10	UNL	3			H	93	78	72	51	33	3	10	250	5	H	96	79	72	46	23	7		
19	5	UNL	6	H		78	77	77	97	14	7	10	250	5			H	89	78	74	61	17	5	10	250	5	H	92	80	75	58	19	8		
22	4	UNL	6	H		75	74	74	97	21	4	10	80	5			H	81	77	75	82	16	7	10	25	4	TRWH	78	71	67	69	32	17		
	DAY 22											DAY 23											DAY 24												
01	10	25	8	RM		72	70	69	90	25	8	0	UNL	10			64	63	62	93	36	5	7	UNL	5			FH	71	70	70	97	18	8	
04	7	UNL	7			69	68	68	97	31	5	2	UNL	10			62	61	60	93	00	0	10	100	6			FH	71	70	70	97	21	9	
07	8	UNL	7			74	71	69	84	36	14	4	UNL	10			70	64	60	71	32	5	10	100	7			RM	73	72	71	93	26	10	
10	7	UNL	10			79	69	64	60	35	11	10	UNL	15			80	66	58	47	36	4	10	50	7			RM	81	75	73	77	25	12	
13	5	UNL	10			85	71	63	48	29	10	10	100	8			85	70	61	45	29	4	7	250	12				87	76	72	61	25	11	
16	7	UNL	15			87	69	58	37	34	11	10	100	8			85	71	64	49	21	7	4	UNL	15				91	75	67	45	32	9	
19	8	250	15			80	68	62	54	07	7	10	100	7			84	73	67	57	20	6	1	UNL	15				86	70	62	45	31	5	
22	4	UNL	15			73	66	62	69	00	0	10	100	7			77	72	69	76	16	7	3	UNL	15				72	69	67	84	00	0	
	DAY 25											DAY 26											DAY 27												
01	4	UNL	15			72	68	66	82	32	7	0	UNL	12			69	66	64	84	21	5	0	UNL	10				67	66	65	93	00	0	
04	4	UNL	15			69	66	64	84	34	6	0	UNL	6			67	65	64	90	34	4	0	UNL	6			F	63	63	63	100	00	0	
07	8	250	15			71	67	64	79	33	7	0	UNL	5			68	64	62	81	33	8	7	UNL	4			F	70	67	66	87	28	4	
10	10	UNL	15			79	70	66	65	33	8	3	UNL	5			80	69	64	58	01	10	10	UNL	6			H	83	70	63	51	36	5	
13	10	100	12			84	71	64	51	34	6	5	UNL	7			84	70	62	48	33	7	7	UNL	8				89	69	58	35	08	6	
16	10	80	12			79	69	64	60	32	9	3	UNL	8			86	69	59	40	04	9	5	UNL	12				89	69	57	34	14	6	
19	10	80	12			75	70	67	76	35	6	0	UNL	8			81	68	61	51	03	5	5	UNL	10				80	68	62	54	14	7	
22	5	UNL	12			70	68	67	90	34	3	1	UNL	10			70	67	65	84	12	4	0	UNL	12				75	69	65	71	15	10	
	DAY 28											DAY 29											DAY 30												
01	0	UNL	12			69	64	61	76	16	8	3	UNL	10			67	66	65	93	12	4	0	UNL	12				69	66	65	87	15	7	
04	0	UNL	12			65	63	62	90	18	5	0	UNL	8			64	63	63	97	15	5	0	UNL	12				67	66	65	93	18	3	
07	4	UNL	7			69	66	65	87	25	5	0	UNL	5			68	68	68	100	16	6	0	UNL	8				70	68	67	90	20	3	
10	3	UNL	7			85	69	60	43	19	8	7	UNL	10			83	70	63	51	21	8	4	UNL	15				86	70	61	43	20	7	
13	8	UNL	8			90	70	58	34	14	6	7	40	10			88	70	60	39	13	4	3	UNL	15				91	70	58	33	33	4	
16	10	UNL	10			89	69	57	34	14	12	5	UNL	10			87	70	61	42	17	7	1	UNL	15				94	71	59	31	16	10	
19	10	UNL	10			81	68	60	49	11	8	4	UNL	10			81	69	62	53	12	7	0	UNL	15				87	70	61	42	18	8	
22	6	UNL	10			72	67	64	76	14	8	0	UNL	12			73	68	66	79	14	8	0	UNL	15				73	68	65	76	12	3	
	DAY 31																																		
01	0	UNL	10			71	68	67	87	18	5																								
04	0	UNL	10			68	67	66	93	18	4																								
07	0	UNL	8			73	70	68	84	19	6																								
10	0	UNL	8			91	73	64	41	20	7																								
13	0	UNL	8			96	71	58	28	16	5																								
16	3	UNL	8			96	73	61	31	18	14																								
19	0	UNL	8			88	70	60	39	19	7																								
22	0	UNL	8			80	71	67	65	19	9																								

RICHMOND VA

83 07

SUMMARY BY HOURS

HOUR L.S.T.	SKY COVER (TENTHS)	STATION PRESSURE (INCHES)	AVERAGES				RESULTANT WIND		
			TEMPERATURE			REL HUMIDITY %	WIND SPEED (MPH)	DIRECTION	SPEED (MPH)
			AIR TEMP of	WET BULB of	DEW POINT of				
01	5	29.83	71	68	66	84	5.0	21	2.1
04	3	29.83	69	67	66	90	4.5	24	1.6
07	5	29.86	73	69	67	82	7.1	28	3.0
10	5	29.86	84	72	66	56	8.4	31	3.5
13	5	29.84	89	73	65	45	8.8	33	2.4
16	5	29.80	89	73	64	45	9.8	28	.8
19	5	29.80	84	72	66	55	7.4	16	1.0
22	4	29.83	75	70	67	78	5.8	18	2.1

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

JUL 1983 13740
 RICHMOND, VIRGINIA

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	
1																								1	
2																								2	
3																								3	
4																								4	
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29																								29	
30																								30	
31																								31	

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	00.11	00.21	00.23	00.25	00.28	00.31	00.33	00.33	00.33	00.33	00.33	00.33
ENDED: DATE	19	19	19	19	19	19	19	19	19	19	19	19
ENDED: TIME	1614	1622	1622	1628	1637	1652	1658	1658	1658	1658	1658	1658

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.

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