

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

OCT 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 MINUTES	SKY COVER (TENTHS)						
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING ISEASON BEGINS WITH JUL	COOLING ISEASON BEGINS WITH JAN			WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)		RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	FASTEST MILE		PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT				
1	72	56	64	0	59	1	0	1	8	0	0	30.00	25	2.8	3.6	10	NW	600	85	6	7	1		
2	71	54	63	-1	56	2	0	1	8	0	0	29.88	26	3.2	5.3	13	NW	268	38	9	6	2		
3	82	51	67	3	57	0	2	1	8	0	0	29.86	20	3.9	5.2	10	SW	704	100	3	2	3		
4	85*	52	69	6	58	0	4	1	8	0	0	29.74	18	7.4	7.6	12	S	613	87	3	4	4		
5	83	61	72	9	67	0	7	1	3	8	0	29.64	19	7.7	9.4	22	SW	462	66	7	8	5		
6	76	55	66	4	55	0	1	0	0	0	0	29.82	32	3.4	4.0	11	N	652	94	1	2	6		
7	71	47	59	-3	45	6	0	0	0	0	0	30.06	02	6.0	7.1	14	NE	694	100	0	0	7		
8	73	43	58	-3	48	7	0	1	0	0	0	30.08	07	2.9	4.0	7	SE	662	96	1	1	8		
9	73	49	61	0	51	4	0	1	0	0	0	30.07	02	6.0	6.6	13	NE	644	93	8	7	9		
10	68	51	60	-1	53	5	0	1	8	0	0	30.16	03	10.5	11.1	17	E	346	50	9	7	10		
11	66	55	61	1	58	4	0	1	0	0	0	30.09	03	10.8	11.4	16	E	0	0	10	10	11		
12	76	65	71	11	67	0	6	1	0	0	0	29.86	12	7.2	8.3	14	E	59	9	10	10	12		
13	79	65	72*	12	68	0	7	1	3	8	0	1.26	16	10.2	10.9	29	S	156	23	9	9	13		
14	67	49	58	-1	45	7	0	0	0	0	0	29.94	25	4.5	6.8	15	NW	657	97	8	7	14		
15	70	44	57	-2	45	8	0	1	0	0	0	30.07	02	2.7	3.0	7	NW	589	87	5	4	15		
16	70	43	57	-1	47	8	0	0	0	0	0	30.10	07	1.4	4.6	10	NE	673	100	0	0	16		
17	71	43	57	-1	50	8	0	1	0	0	0	30.05	14	5.1	5.3	13	S	651	97	9	5	17		
18	71	48	60	2	51	5	0	1	0	0	0	30.00	14	4.5	4.9	8	S	568	85	9	7	18		
19	56	51	54	-3	51	11	0	2	0	0	0	30.04	34	7.7	8.6	16	NW	0	0	10	10	19		
20	55	51	53	-4	52	12	0	1	0	0	0	30.13	02	9.5	9.9	15	NE	0	0	10	10	20		
21	55	46	51	-6	47	14	0	1	0	0	0	30.22	01	10.0	10.2	16	NE	0	0	10	9	21		
22	61	41	51	-5	44	14	0	1	0	0	0	30.14	04	9.0	10.9	16	E	495	75	8	7	22		
23	63	51	57	1	56	8	0	1	0	0	1.43	0	29.80	12	9.7	10.9	23	SE	0	0	10	10	23	
24	63	57	60	4	58	5	0	1	0	0	0	0.06	0	29.63	33	6.2	8.6	14	NW	27	4	10	10	24
25	57	48	53	-2	50	12	0	1	0	0	0	0.11	0	29.77	34	11.3	11.7	18	NW	0	0	10	10	25
26	60	42	51	-4	43	14	0	1	8	0	0	0	29.72	27	4.4	5.8	12	NW	340	52	8	8	26	
27	56	35	46	-9	34	19	0	0	0	0	0	0	29.87	31	9.9	10.9	23	NW	575	89	2	3	27	
28	72	34	53	-1	35	12	0	0	0	0	0	0	29.96	20	11.1	11.4	20	S	646	100	0	0	28	
29	66	45	56	2	37	9	0	0	0	0	0	0	30.03	32	6.4	13.2	18	N	580	90	4	3	29	
30	52	32	42*	-12	29	23	0	0	0	0	0	0	30.38	01	5.8	6.8	12	NE	628	98	9	7	30	
31	62	32*	47	-7	38	18	0	1	0	0	0	0	30.33	07	2.3	3.2	7	E	525	82	3	4	31	
SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:				TOTAL	%	SUM	SUM						
2102	1496				236	27			4.02	0	29.97	02	1.7	7.8	29	S	12814	FOR	201	187				
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION		DEP.		DATE: 13				POSSIBLE	MONTH	AVG.	AVG.						
67.8	48.3	58.1	-0.5	50	15	4	> .01 INCH.		10	0.28					20882	61	6.5	6.0						
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.		323		1547		THUNDERSTORMS		2		PRECIPITATION		SNOW, ICE PELLETS										
> 90°		< 32°		< 32°		< 0°		HEAVY FOG		1		1.52		22-23		0								
0		0		2		0		CLEAR		9		PARTLY CLOUDY		4		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 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

L. Roy Horst

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

ACTING DIRECTOR NATIONAL CLIMATIC DATA CENTER

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

OCT 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
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21	T	.01	.02	.03	.01	.01	T	T	T	T	T	T													21
22																									22
23	.08	.06	.03	.07	.06	.07	.06	T	T	T	.02	.03	.04	.07	.07	.08	.09	.02	.11	.28	.17	T	.02	.03	23
24	.02	T	.01	.03	T	T																			24
25	T	.04	.01	T	.01	.01	T	.01	.01	.01	.01	T		T	T	T	T	T	T	T	T	T	T	T	25
26																									26
27																									27
28																									28
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)	00.33	00.45	00.76	00.85	00.91	00.92	00.92	00.92	00.92	00.92	01.17	01.23
ENDED: DATE	13	13	13	13	13	13	13	13	13	13	13	13
ENDED: TIME	1705	1705	1710	1715	1715	1730	1745	1805	1825	1845	1915	1950

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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