

Local Climatological Data

MONTHLY SUMMARY



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

RICHMOND, VIRGINIA

DATE	TEMPERATURE °F						DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 RAIN 6 DRIZZLE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 07AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN.	WIND			SUNSHINE		SKY COVER TENTHS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)	WATER EQUIVALENT IN.			SNOW, ICE PELLETS IN.	RESULTANT SPEED M.P.H.		AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.	DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT		
1	57	38	48	10	42	17	0	1	8	0	.50	0	29.37	14	3.4	7.1	24	NW	66	11	10	1
2	41	17*	29	-9	13	36	0	1	8	0	.49	T	29.54	30	11.7	14.2	27	NW	587	94	1	4
3	46	23	35	-3	23	30	0	0	0	0	0	T	29.86	14	3.1	4.2	9	NE	356	57	8	6
4	66	24	45	7	29	20	0	0	0	0	0	0	30.02	22	4.3	7.1	17	W	552	88	5	4
5	52	34	43	5	30	22	0	1	8	0	0	0	30.09	10	5.3	6.9	12	NE	452	12	9	7
6	39	27	33	-5	29	32	0	0	0	0	0	0	29.76	36	7.9	8.9	15	N	0	0	10	10
7	38	19	29*	-6	11	36	0	0	0	0	0	0	29.85	32	6.8	8.9	17	NW	632	100	0	2
8	49	24	37	-1	14	28	0	0	0	0	0	0	29.58	25	9.4	11.8	18	W	394	62	3	5
9	45	29	35	-3	18	30	0	0	0	0	0	T	29.90	33	4.8	7.8	17	NW	633	100	2	2
10	65	21	43	4	24	22	0	0	0	0	0	0	29.88	20	10.2	10.8	21	SW	472	74	7	7
11	67	32	50	11	29	15	0	0	0	0	0	0	29.68	26	8.5	10.9	22	NW	74	11	9	7
12	58	24	41	2	24	24	0	0	0	0	0	0	30.10	17	5.4	5.9	13	SW	640	100	2	3
13	70	44	57	18	39	8	0	1	8	0	.09	0	29.94	21	8.1	8.6	13	SW	186	29	9	10
14	63	25	44	5	29	21	0	0	0	0	0	0	30.22	36	7.7	10.4	20	N	647	100	0	2
15	60	23	42	3	35	23	0	0	0	0	0	0	30.21	21	6.2	7.6	19	SW	220	34	10	8
16	78	52	65	25	50	0	0	0	8	0	0	0	29.85	23	9.7	10.5	17	SW	520	80	10	8
17	81*	58	70*	30	52	0	0	3	8	0	0	T	29.74	23	10.7	11.7	22	W	452	69	4	7
18	77	58	68	28	54	0	0	0	8	0	0	0	29.61	24	10.2	10.8	20	W	360	55	8	7
19	69	52	61	21	36	4	0	0	0	0	.01	0	29.62	24	10.2	10.8	20	W	659	100	0	10
20	64	34	49	9	27	16	0	0	0	0	0	0	29.88	30	3.3	4.8	13	NW	659	100	0	0
21	73	39	56	16	42	9	0	0	0	0	0	0	29.99	18	9.4	10.5	20	SW	459	83	7	7
22	67	38	53	13	50	12	0	0	0	0	.26	0	29.55	25	7.0	12.8	24	SW	89	13	9	7
23	47	26	37	-4	21	28	0	0	0	0	0	0	30.04	33	7.7	9.2	17	NW	604	90	2	2
24	68	24	46	5	24	19	0	0	0	0	0	0	30.18	22	8.3	8.5	16	SW	652	99	2	2
25	75	34	55	14	30	10	0	0	0	0	0	0	30.10	21	8.1	8.6	15	SW	638	95	9	6
26	75	46	61	20	41	4	0	0	0	0	0	0	29.98	21	7.8	8.8	15	SW	423	63	10	8
27	74	46	60	18	33	5	0	0	0	0	0	0	29.91	31	3.8	8.1	14	N	677	100	0	0
28	79	40	60	18	32	5	0	0	0	0	0	0	29.85	23	8.6	9.8	17	SW	552	81	8	6
29	78	43	61	19	41	4	0	0	8	0	0	0	29.88	21	7.7	8.3	19	SW	681	100	1	3

SUM	SUM				TOTAL	TOTAL					TOTAL	TOTAL		FOR THE MONTH:					TOTAL	I	SUM	SUM
1821	990				480	8	NUMBER OF DAYS	1.35	T	29.87	24	4.5	9.2	30	SW	13346	FOR	155	152			
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION	DEP.							DATE	18	POSSIBLE	MONTH	AVG.	AVG.		
62.8	34.1	48.5	9.1	32	-260	8	>.01 INCH	5	-1.66								18845	71	5.3	5.2		

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	RESULTANT WIND SPEED M.P.H.
			AIR °F	NET BULB °F	DEW PT. °F	PEAK GUST SPEED				
01	5	29.85	43	39	32	66	7.9	21	3.9	
04	6	29.85	42	38	32	71	7.7	22	3.4	
07	6	29.89	40	37	31	72	7.3	22	2.9	
10	9	29.93	50	43	32	52	11.9	26	5.8	
13	9	29.88	58	46	31	39	12.7	26	7.3	
16	9	29.84	60	47	31	37	10.9	25	7.1	
19	9	29.86	51	43	32	50	7.2	21	4.2	
22	4	29.87	46	40	32	61	8.1	21	3.8	

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

HOUR	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT											
	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																								
2	.17	.15	.13	.04																				
3																								
4																								
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Thomas D. Potter
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OBSERVATIONS AT 3-HOUR INTERVALS

TIME	WIND DIR	WIND SPCD	VISIB	TEMPERATURE				MIND	SKY COVER	WIND DIR	WIND SPCD	VISIB	TEMPERATURE				MIND	SKY COVER	WIND DIR	WIND SPCD	VISIB	TEMPERATURE				MIND	SKY COVER	WIND DIR	WIND SPCD	VISIB
				AIR	WET	DEW	REL. HUM.						AIR	WET	DEW	REL. HUM.						AIR	WET	DEW	REL. HUM.					
01	0	UNL	12	39	37	34	82	13	4	10	8	5	36	37	36	93	35	15	10	55	15	25	22	15	66	16	4			
04	0	UNL	10	40	39	37	89	14	3	10	25	7	34	33	31	89	20	17	10	25	12	27	24	15	61	18	5			
07	0	UNL	10	41	40	38	93	16	3	0	UNL	15	29	28	19	53	29	15	8	40	12	27	25	20	75	12	4			
10	0	UNL	10	45	44	42	94	18	3	0	UNL	15	22	17	00	38	32	16	10	40	10	32	30	26	79	15	3			
13	0	UNL	10	55	49	43	64	18	8	0	UNL	15	26	20	01	34	28	16	10	80	12	40	35	28	62	07	7			
16	0	UNL	10	56	50	45	67	16	8	0	UNL	15	28	23	04	34	28	8	4	UNL	12	44	38	28	53	18	6			
19	0	UNL	10	52	51	51	95	17	7	0	UNL	15	25	20	06	44	23	5	0	UNL	12	35	32	26	76	00	0			
22	0	UNL	10	46	45	45	96	16	7	2	UNL	15	20	18	11	68	19	5	0	UNL	12	29	28	26	69	00	0			

NOTES

CEILING
UNL UNLIMITED UNL/1770

WEATHER

- # TORRADO
- T THUNDERSTORM
- O SQUALL
- R RAIN
- RM RAIN SHOWERS
- ZR FREEZING RAIN
- L DRIZZLE
- ZL FREEZING DRIZZLE
- S SNOW
- IC ICE CRYSTALS
- SP SNOW PELLETS
- SN SNOW SHOWERS
- SO SNOW GRAINS
- IP ICE PELLETS
- A MAIL
- F FOG
- IF ICE FOG
- GD GROUND FOG
- BD BLOWING DUST
- BN BLOWING SAND
- BS BLOWING SNOW
- BT BLOWING SPRAY
- W SMOKE
- H HAZE
- D DUST

MIND

DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS. INDICATED IN TERMS 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
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