

U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

1962

RICHMOND, VIRGINIA



LATITUDE 37° 30' N
LONGITUDE 77° 20' W
ELEVATION (ground) 162 FEET

ANNUAL SUMMARY

1962

Month	Temperature							Precipitation						Relative humidity				Wind			Number of days																
	Averages			Extremes				Total	Greatest in 24 hrs	Date	Snow, Sleet			Relative humidity				Fastest mile			Sunrise to sunset			Temperatures													
	Daily maximum	Daily minimum	Monthly	Highest	Date	Lowest	Date				Degree days	Total	Greatest in 24 hrs	Date	1:00 a.m., EST	7:00 a.m., EST	1:00 p.m., EST	7:00 p.m., EST	Average hourly speed	Prevailing direction	Speed	Direction	Date	Percent of possible sunshine	Average sky cover sunrise to sunset	Clear	Partly cloudy	Cloudy	Precipitation (1/4 inch or more)	Snow, Sleet (1/4 inch or more)	Thunderstorms	Heavy fog	30° and above	32° and below	32° and below	0° and below	
JAN	46.5	26.6	36.6	70	25	4	11	875	5.95	3.31	6	20.6	7.7	28	80	85	63	74	7.7	SW	30	SW	25	37	7.3	6	5	20	11	3	1	4	0	4	21	0	
FEB	49.0	30.4	39.7	72	24	14	11	702	3.00	0.82	18-19	1.2	1.0	12	73	87	68	75	7.6	NNE	31	N	17	56	6.7	5	12	14	11	1	2	0	2	29	0		
MAR	55.4	34.5	45.0	83	30	18	4+	623	4.87	1.85	31-01	16.2	12.1	5-06	75	77	47	62	8.8	NNE	31	N	13	68	5.4	8	13	9	9	0	0	0	0	0	0		
APR	70.9	44.1	57.5	91	26	31	4	276	3.80	1.07	11	0.0	0.0	0	74	77	45	50	9.2	SSW	28	W	8	63	6.4	7	9	15	10	0	0	0	0	0	0		
MAY	83.4	57.8	70.6	97	19+	41	10	32	4.08	1.45	23-24	0.0	0.0	0	80	86	50	68	7.4	SW	45	N	8	51	6.9	6	10	14	9	0	0	0	0	0	0		
JUN	84.6	63.4	74.0	97	19	49	9	0	5.57	3.73	12-13	0.0	0.0	0	93	88	60	71	6.9	SW	25	NE	30	51	6.9	6	10	14	9	0	0	0	0	0	0	0	
JUL	85.3	64.2	74.8	93	12+	52	28+	0	5.65	2.21	3-04	0.0	0.0	0	89	87	61	71	6.8	SSW	19	SW	23+	64	6.3	7	12	12	9	0	0	0	0	0	0	0	
AUG	86.3	62.9	74.6	96	21+	55	24+	0	2.37	1.00	8-09	0.0	0.0	0	93	92	57	78	6.5	N	30	NW	21	70	6.0	6	15	10	9	0	0	0	0	0	0	0	
SEP	77.6	54.7	66.2	93	2+	40	22	73	3.46	1.57	26-27	0.0	0.0	0	87	87	57	80	6.6	NNE	23	N	6	59	6.0	10	7	13	10	0	0	0	0	0	0	0	
OCT	73.6	47.3	60.5	87	12+	21	27	175	0.50	0.31	31	0.0	0.0	0	75	82	47	68	6.8	NNE	20	NW	26+	62	4.8	14	7	10	3	0	0	0	0	0	0	0	0
NOV	57.6	36.7	47.2	73	17	25	7	526	6.73	2.35	9-10	0.9	0.9	5	76	82	54	68	8.6	NNE	27	SE	9	40	6.2	10	4	14	7	0	0	0	0	0	0	0	
DEC	45.3	26.8	36.1	67	2	9	13	891	2.64	1.00	21-22	8.1	4.3	25	67	72	48	57	8.5	NNE	38	N	30	51	5.6	12	5	14	7	0	0	0	0	0	0	0	
YEAR	68.0	45.8	56.9	97	JUN 19+	JAN 11	4173	48.62	3.73	JUN 12-13	47.0	12.1	MAR 5-06	82	84	55	69	7.6	NNE	45	N	MAY 8	56	6.3	96	103	166	114	9	23	34	42	11	92	0		

CLIMATOLOGICAL STANDARD NORMALS (1931-1960)

ELEMENT	January	February	March	April	May	June	July	August	September	October	November	December	Annual
MAXIMUM TEMPERATURE	48.3	50.6	58.1	69.4	78.3	85.8	88.4	86.5	80.8	70.6	59.9	49.8	68.9
MINIMUM TEMPERATURE	29.0	29.2	35.3	44.8	54.6	63.4	67.7	66.4	59.6	47.7	37.1	29.5	47.0
AVERAGE TEMPERATURE	38.7	39.9	46.7	57.1	66.5	74.6	78.1	76.5	70.2	59.2	48.5	39.7	58.0
DEGREE DAYS	815	703	577	246	56	0	0	0	36	202	495	784	3914
PRECIPITATION	3.46	2.90	3.42	3.15	3.72	3.75	5.61	5.54	3.65	3.00	3.04	2.97	44.21

REFERENCE NOTES AND INSTRUMENT RELOCATIONS

- No record. † Airport data. ‡ City Office data. † Also on earlier dates or months. ‡ Trace, an amount too small to measure. # TO 8 COMPASS POINTS ONLY.

Long-term means and extremes, tabulations of monthly and annual average temperature, monthly and annual total precipitation, monthly and seasonal heating degree days, a complete station history, and a narrative climatological summary were included in the annual summary for this station for 1961. Persons requiring this material may obtain it free of charge by contacting the Weather Bureau Office in the city for which this summary was issued.

Unless otherwise indicated, dimensional units used in this summary are: temperature in degrees F; precipitation, including snowfall, in inches; wind movement in miles per hour; and relative humidity in percent. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. Below zero temperatures are preceded by a minus sign.

There were no instrument relocations during 1962.

Climatological Standard Normals are monthly means of data for the period 1931 - 1960, adjusted to represent observations taken at the present standard location of the instruments.

Sky cover is expressed in a range of 0 for no clouds or obscuring phenomena to 10 for complete sky cover. The number of clear days is based on average cloudiness 0 - 3; partly cloudy days 4 - 7; and cloudy days 8 - 10 tenths.

Data for earlier years may be obtained by contacting the Weather Bureau Office in the city for which this summary was issued.

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