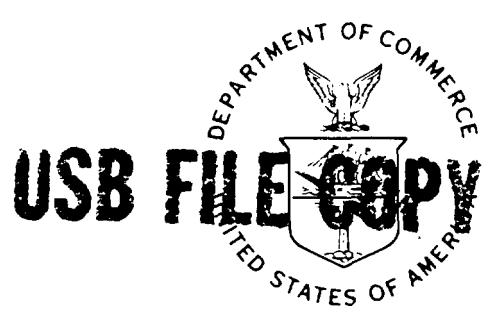


Local Climatological Data

Annual Summary With Comparative Data

1979

RICHMOND, VIRGINIA



Narrative Climatological Summary

Richmond is located in east-central Virginia at the head of navigation on the James River and along a line separating the Coastal Plains (Tidewater Virginia) from the Piedmont. The Blue Ridge Mountains lie about 90 miles to the west and the Chesapeake Bay 60 miles to the east. Elevations range from a few feet above sea level along the river to a little over 300 feet in parts of the west section of the City.

The climate might be classified as modified continental. Summers are warm and humid and winters generally mild. The mountains to the west act as a partial barrier to outbreaks of cold, continental air in winter, the coldest air being delayed long enough to be modified, then further warmed as it subsides in its approach to Richmond. The open waters of the Chesapeake Bay and Atlantic Ocean contribute to the humid summers and mild winters. The coldest weather normally occurs in late December and in January, when low temperatures usually average in the upper twenties and the high temperatures in the upper forties. Temperatures seldom lower to zero. The record lowest temperature of minus 12° was recorded at the Airport in January 1940. The record high temperature of 107° occurred in August 1918 at Chimborazo Park.

Precipitation is rather uniformly distributed throughout the year. However, dry periods lasting several weeks do occur, especially in autumn when long periods of pleasant, mild weather are most common. There is considerable variability in total monthly amounts from year to year so that no one month can be depended upon to be normal. Snow has been recorded during seven of the twelve months. Falls of 4 inches or more occur on an average of once a year. Snow usually remains on the ground only 1 or 2 days at a time, but on one occasion it remained 21 days (January 23 to February 13, 1948). Ice storms (freezing rain or glaze) are not uncommon in winter, but they are seldom severe enough to do any considerable damage. A notable exception was the spectacular glaze storm of January 27 - 28, 1943, when heavy damage was done to trees and overhead transmission lines of all kinds.

The James River reaches tidewater at Richmond where flooding has occurred in every month of the year, most frequently in March and least in July. Hurricanes and less severe storms of tropical origin have been responsible for most of the flooding during the summer and early fall months. The flood of record at Richmond was Agnes in June, 1972 which produced on the 23rd crests 6 and one half feet above old high water marks dating back 200 years. Agnes was followed closely by serious flooding on October 7, 1972 and preceded by Camille on August 22, 1969 which is now the fourth greatest flood of record. In 1955 three hurricanes brought record rainfall to Richmond within a 6-week period. The most noteworthy of these were Hurricanes Connie and Diane that brought heavy rains five days apart.

Damaging storms occur mainly from snow and freezing rain in winter and from hurricanes, tornadoes, and severe thunderstorms at other seasons. Damage may be from wind, flooding, or rain, or from any combination of these. Tornadoes are infrequent but some notable occurrences have been observed within the Richmond area. The highest wind recorded has been 68 m.p.h. with a peak gust of 79 m.p.h. at the time of Hurricane Hazel, October 15, 1954.

The dates of the last freeze in spring and of the first in autumn mark the limits of the growing season for most crops. The average growing season is 216 days. May 11, 1966, has been the latest date in spring when a temperature of 32° or lower was recorded; October 5, 1965, has been the earliest date in autumn.

Meteorological Data For The Current Year

Station: RICHMOND, VIRGINIA
R.E.BYRD INTERNATIONAL AP. Standard time used: EASTERN Latitude: 37° 30' N Longitude: 77° 20' W Elevation (ground): 164 feet Year: 1979
13740

Month	Temperature °F							Degree days Base 65 °F	Precipitation in inches						Relative humidity, pct.				Wind				Percent of possible sunshine	Average sky cover, tenths, sunrise to sunset	Number of days						Average station pressure mb								
	Averages			Extremes			Water equivalent			Snow, ice pellets			Hour	Hour	Hour	Hour	Resultant	Fastest mile	Sunrise to sunset	Temperature °F																			
	Daily maximum	Daily minimum	Monthly	Highest	Date	Lowest	Date		Heating	Cooling	Total	Greatest in 24 hrs.	Date	Total	Greatest in 24 hrs.	Date	(Local time)	Hour 01	Hour 07	Hour 13	Hour 19	Speed m.p.h.	Average speed m.p.h.	Speed m.p.h.	Direction	Direction	Clear	Partly cloudy	Cloudy	Precipitation .01 inch or more	Snow, ice pellets 10 or more	Heavy fog visibility 1/4 mile or less	Max. 32° and below	Min. 32° and below					
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Jan	Feb	Mar	Apr	May	Jun							
JAN	45.9	26.9	36.4	70	1	11	4	876	0	6.16	1.64	20-21	0.7	0.4	5-6	83	87	66	72	27	3.2	9.3	34	NW	21	53	6.6	9	3	19	14	0	1009.8						
FEB	38.3	18.9	28.6	59	28	-8	10	1011	0	5.97	2.67	24-25	19.5	10.9	18-19	82	85	65	72	35	3.4	8.0	26	NW	19	58	7.1	7	16	11	1	2	1015.2						
MAR	64.7	37.4	51.1	85	30	18	16	439	16	2.59	1.43	23-24	T	T	11	84	92	51	60	20	2.5	7.8	26	NW	14	72	7.2	7	12	12	7	2	1013.2						
APR	70.4	46.4	58.4	85	1	30	7	218	30	3.97	1.47	13-14	0.0	0.0	82	86	54	63	32	1.4	8.2	29	NW	6	65	6.5	7	16	9	0	1	1010.5							
MAY	77.8	56.4	67.1	87	9	44	6	117	17	3.80	1.04	18-19	0.0	0.0	95	94	63	74	19	1.8	7.6	23	NW	27	70	6.7	6	9	16	13	0	1009.8							
JUN	82.2	59.4	70.8	92	18	48	15	4	168	2.42	1.38	3-4	0.0	0.0	90	91	60	68	16	1.6	7.1	24	NW	11	74	6.5	6	10	14	9	0	1012.2							
JUL	85.7	68.0	76.9	93	12	55	6	0	374	4.36	2.37	20-21	0.0	0.0	95	94	70	76	25	1.1	6.2	24	W	13	66	7.5	3	8	20	12	0	1010.8							
AUG	87.4	68.1	77.8	97	10	55	16	0	404	7.08	2.50	11-12	0.0	0.0	91	93	63	77	27	0.9	6.6	43	NW	8	72	5.5	9	13	10	0	0	1010.8							
SEP	78.8	63.2	71.0	89	6	53	20	8	195	9.76	3.25	21-22	0.0	0.0	92	93	70	84	06	2.0	7.1	30	S	5	58	6.6	9	18	13	0	0	1011.2							
OCT	70.0	46.5	58.3	84	22	31	27	242	42	3.87	1.09	9-10	T	T	10	94	95	57	83	23	5.6	8.2	23	NW	26	67	5.5	15	9	7	9	1	1010.2						
NOV	65.0	41.5	53.3	79	2	23	30	353	9	5.50	1.80	10-11	0.0	0.0	88	92	58	80	24	1.2	7.6	33	NW	17	63	5.3	12	6	12	8	0	1013.9							
DEC	53.7	30.8	42.3	72	12	16	18	698	0	1.64	0.65	6	T	T	20	83	86	55	74	29	1.5	7.0	28	NW	1	0	1	0	0	0	22	0	1014.9						
YEAR	68.3	47.0	57.7	97	10	-8	10	3893	1375	57.12	3.25	21-22	20.2	10.9	18-19	88	91	61	74	26	0.9	7.4	43	NW	8	67	6.2	102	90	173	119	4	36	29	28	13	88	2	1011.9

Normals, Means, And Extremes

Month	Temperatures °F							Normal Degree days Base 65 °F	Precipitation in inches						Relative humidity pct.				Wind				Percent of possible sunshine	Mean sky cover, tenths, sunrise to sunset	Mean number of days						Average station pressure mb											
	Normal			Extremes			Water equivalent			Snow, ice pellets			Hour	Hour	Hour	Hour	Resultant	Fastest mile	Sunrise to sunset	Temperature °F																						
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year		Heating	Cooling	Normal	Maximum monthly	Year	Normal	Minimum monthly	Year	Maximum monthly	Year	Normal	Maximum monthly	Year	Mean speed m.p.h.	Prevailing direction	Speed m.p.h.	Direction	Year	Clear	Partly cloudy	Cloudy	Precipitation .01 inch or more	Snow, ice pellets 10 or more	Heavy fog visibility 1/4 mile or less	Max. 32° and below	Min. 32° and below								
	(a)	50	50	50	1950	-12	1940	853	0	2.86	7.97	1978	1.08	1951	3.31	1962	28.5	1940	21.6	1979	17	81	57	69	8.0	S	43	NW	1971	52	6.4	8	7	16	11	*	1012.2					
F	47.4	27.6	37.5	80	1950	-12	1940	853	0	3.01	9.97	1979	0.48	1978	2.67	1942	19.5	1979	10.9	1979	74	79	52	63	8.5	NNE	45	SB	1951	56	6.1	0	6	13	9	1	1012.0					
M	49.9	28.8	39.4	83	1952	-10	1946	717	0	3.01	9.97	1979	0.48	1978	2.67	1942	19.5	1979	10.9	1979	74	79	52	63	8.5	NNE	45	SB	1951	56	6.1	0	6	13	9	1	1012.0					
M	58.2	35.5	46.9	93	1938	11	1960	569	8	3.38	8.04	1975	0.94	1966	2.04	1962	19.7	1962	78	74	49	59	8.9	W	42	SE	1952	59	6.2	8	9	14	11	1	1010.9							
A	70.3	45.2	57.8	96	1976	25	1977	226	10	2.77	5.32	1952	0.64	1963	2.60	1978	2.0	1940	2.0	1940	74	75	45	55	8.8	S	40	NW	1972	64	6.1	8	9	13	4	2	1010.1					
M	78.4	54.5	66.5	100	1941	31	1956	64	111	3.42	8.87	1972	0.87	1965	2.53	1972	0.0	0.0	84	79	51	65	7.7	SSW	45	N	1962	64	6.3	7	10	14	11	0	1008.9							
J	85.4	62.9	74.2	104	1952	40	1967	0	276	3.52	9.24	1938	0.91	1980	4.61	1963	4.2	0.0	87	82	54	68	7.2	S	52	NW	1952	67	6.0	7	12	11	10	0	0	1010.2						
J	88.2	67.5	77.9	105	1977	51	1965	0	400	5.63	18.87	1945	0.52	1963	5.73	1969	0.0	0.0	89	85	57	72	6.6	SSW	56	NW	1955	65	6.2	7	12	12	11	0	0	1010.2						
A	86.6	65.9	76.3	102	1953	46	1934	0	350	5.06	14.10	1955	0.52	1943	8.79	1970	0.5	0.0	91	89	57	76	6.3	S	54	W	1964	65	6.0	7	12	12	10	0	0	1011.8						
S	80.9	59.0	69.6	1954	35	1974	21	171	0	3.58	10.98	1975	0.26	1978	3.82	1962	6.0	0.0	90	90	57	79	6.5	S	45	SE	1952	63	5.7	9	12	8	0	3	4	0	0	1011.6				
O	71.2	47.4	59.3	99	1941	21	1962	203	27	2.94	9.39	1971	0.30	1963	6.50	1961	T	1979	87	90	53	77	6.8	NNE	68	SE	1954	60	5.3	12	7	12	7	0	1	3	*	0	0	1012.7		
N	60.6	37.3	49.0	86	1974	10	1933	480	0	3.20	7.64	1959	0.36	1965	4.07	1956	7.3	1953	7.3	1953	80	85	50	70	7.3	S	38	NW	1977	56	5.7	10	7	13	8	*	1	2	0	0	1013.3	
D	49.1	28.8	39.0	80	1971	-1	1942	806	0	3.22	7.07	1973	C.72	1965	3.16	1958	12.5	1958	7.5	1966	78	82	55	70	7.5	SW	40	SE	1968	52	6.1	10	6	15	9	1	*	3	0	2	21	* 1012.6
YR	68.8	46.7	57.8	105	1977	-12	1940	3939	1353	42.59	18.87	1945	0.26	1978	8.79	1955	28.5	1940	21.6	1940																						

Average Temperature

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1940	24.2	38.2	43.3	52.4	65.0	74.7	76.0	73.6	66.2	55.8	47.4	42.5	54.9
1941	35.2	34.2	40.8	59.8	66.8	73.0	78.3	75.8	72.2	64.7	48.7	41.9	57.6
#1942	34.2	35.2	48.0	58.8	69.5	75.2	79.4	75.2	71.3	60.8	50.0	37.1	57.9
1943	40.0	41.5	47.0	53.9	69.0	79.2	78.5	76.4	68.4	57.3	47.5	38.6	58.3
1944	38.6	40.4	45.2	56.2	71.6	76.4	77.7	75.4	71.2	57.9	48.2	36.1	57.9
1945	34.2	40.8	58.6	61.4	63.9	75.7	76.2	75.2	73.6	57.8	49.6	33.4	58.4
#1946	38.0	41.7	53.8	57.2	65.8	72.8	75.4	72.6	70.0	60.9	52.9	43.4	58.8
1947	44.6	33.5	40.0	57.5	67.0	72.2	74.8	78.5	70.1	63.7	46.4	36.4	57.2
1948	31.1	39.8	50.8	57.7	66.3	74.4	78.2	75.7	68.6	56.2	52.9	42.0	57.8
1949	45.2	46.5	48.6	55.7	66.0	75.2	80.1	76.6	67.4	62.5	49.0	42.4	59.6
#1950	49.7	40.7	44.4	54.7	65.0	74.2	78.6	75.5	68.2	61.2	47.3	36.1	57.8
1951	40.8	41.3	46.8	56.6	64.6	74.3	78.6	76.0	70.0	61.6	44.7	42.0	58.1
1952	42.4	42.2	46.3	58.1	65.4	77.6	80.4	76.4	69.2	55.2	49.4	39.2	58.5
1953	42.9	43.4	48.3	58.0	71.5	75.2	79.9	77.3	70.0	67.0	48.5	42.5	59.9
1954	38.0	44.9	47.0	61.2	63.0	74.6	78.6	76.8	74.4	62.3	46.1	38.2	58.8
1955	35.8	40.1	50.2	60.8	67.2	70.1	81.3	78.7	70.6	59.5	46.4	34.8	58.6
1956	36.0	43.0	46.3	55.5	65.0	74.7	77.8	76.5	67.9	60.9	47.6	48.9	58.3
1957	35.2	43.3	47.2	61.5	67.8	76.2	78.4	74.6	71.9	54.6	50.3	43.0	58.7
1958	34.6	33.8	42.3	57.5	65.7	71.3	80.2	76.4	69.1	58.7	51.2	33.4	56.2
1959	37.5	41.6	47.3	59.3	69.4	74.8	77.9	79.0	70.8	61.4	47.3	41.6	59.0
1960	38.8	39.9	41.6	64.9	73.7	76.3	77.5	69.3	57.1	50.1	43.6	34.6	56.6
1961	33.5	42.2	50.8	53.0	63.6	72.8	78.5	77.1	73.5	58.1	50.1	37.1	57.5
1962	36.6	39.7	45.0	57.5	70.6	74.0	74.8	74.6	66.2	60.5	47.2	36.1	56.9
1963	35.9	35.5	50.8	59.2	64.0	72.0	76.1	75.4	65.5	58.6	50.1	32.4	56.1
1964	38.1	37.2	47.6	55.4	66.4	75.1	75.8	73.1	67.1	53.4	41.5	42.9	56.0
1965	35.6	38.6	43.0	53.9	69.6	70.7	74.9	75.9	70.7	56.1	48.2	41.3	56.6
1966	31.1	37.9	47.5	52.8	63.1	71.4	76.4	74.6	67.2	55.5	49.5	38.0	55.6
1967	40.9	34.6	46.6	58.8	60.7	72.1	76.6	75.5	65.7	57.2	44.0	41.9	56.2
1968	33.9	39.2	52.0	58.8	64.7	74.7	78.9	78.9	70.9	61.9	51.3	37.0	58.1
1969	33.9	36.6	42.3	57.6	65.5	75.7	76.3	75.1	68.1	58.5	46.6	35.5	56.2
1970	30.1	37.1	42.9	58.2	69.1	75.7	78.3	78.0	74.8	62.9	49.9	40.4	58.1
1971	33.8	39.5	44.5	55.0	63.3	74.7	76.6	75.3	71.4	64.6	48.5	48.0	57.9
1972	40.7	37.6	47.2	56.2	64.6	70.1	77.1	75.2	70.1	55.8	47.9	45.9	57.4
1973	37.6	38.5	52.6	57.9	65.1	76.0	77.4	77.5	72.3	60.6	51.3	40.8	59.0
1974	45.8	40.1	50.4	59.9	65.8	70.6	76.9	75.7	67.4	55.9	46.5	41.7	58.2
1975	40.7	41.4	45.3	52.9	67.7	73.6	76.0	78.8	69.3	62.5	53.6	40.0	58.5
1976	35.1	48.5	52.6	60.5	65.2	74.6	77.3	75.7	68.7	54.4	42.7	36.7	57.7
1977	25.3	40.5	53.7	61.1	68.2	73.0	81.4	79.8	74.2	57.3	52.3	39.5	58.9
1978	33.4	30.3	44.5	57.3	65.5	74.7	77.5	80.1	72.9	58.3	52.5	42.5	57.5
1979	36.4	28.6	51.1	58.4	67.1	70.8	76.9	77.8	71.0	58.3	53.3	42.3	57.7
RECORD	37.6	39.2	47.1	57.0	66.2	73.9	77.6	76.3	70.1	58.8	48.8	39.7	57.7
MEAN	47.5	49.9	58.6	69.6	78.0	85.1	88.0	86.5	80.9	70.7	60.3	49.9	68.8
MIN	27.6	28.4	35.6	44.4	54.3	62.7	67.2	66.1	59.2	46.8	37.2	29.4	46.6

Precipitation

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1940	4.16	2.99	2.31	4.22	4.26	4.02	4.45	9.33	1.77	2.27	4.59	1.83	46.20
1941	2.19	1.17	1.97	3.44	1.31	1.83	2.82	3.05	1.23	0.35	0.66	2.89	22.91
#1942	3.59	1.03	5.31	0.78	1.11	5.30	3.52	6.61	3.71	6.78	1.31	3.04	42.05
1943	2.87	2.27	3.01	2.11	4.04	3.15	3.87	0.52	5.13	2.90	1.44	1.98	33.29
1944	2.83	5.61	5.85	3.59	1.41	1.42	7.76	6.44	5.50	1.79	3.94	2.26	48.40
1945	3.57	3.57	1.33	3.50	5.09	1.71	18.87	2.92	8.49	0.91	3.09	5.28	57.01
#1946	2.16	2.69	2.23	2.59	7.73	6.01	6.64	3.87	4.39	2.36	1.90	2.71	45.28
1947	4.31	1.43	2.22	2.53	4.69	4.48	3.33	1.87	6.38	2.37	7.03	1.56	42.20
1948	4.11	2.66	5.54	4.59	6.42	7.23	4.05	7.75	3.05	3.21	5.74	4.14	53.99
1949	3.26	2.55	2.12	2.22	5.11	3.53	6.34	8.99	2.64	3.87	1.88	1.94	44.45
#1950	2.17	1.71	3.20	0.74	4.27	0.99	6.69	3.32	4.04	1.77	1.74	2.73	33.37
1951	1.08	1.90	2.85	2.26	2.51	5.85	2.63	5.23	0.98	2.71	4.52	3.63	36.15
1952	5.71	2.76	5.05	3.52	3.72	4.50	2.71	6.41	2.35	2.06	6.42	3.37	50.36
1953	4.47	3.36	3.95	3.16	2.35	3.06	2.04	0.99	6.84	2.16	1.85	2.94	37.17
1954	3.70	1.56	2.44	3.08	4.36	1.09	1.30	3.95	6.69	4.99	1.86	2.43	31.45
1955	1.09	3.18	2.66	3.14	3.06	7.93	14.10	5.79	2.57	1.76	0.86	47.93	
1956	1.65	3.57	3.06	2.75	4.35	3.28	10.32	2.28	2.96	4.92	6.11	3.98	49.23
1957	3.36	5.29	2.82	2.25	2.75	3.92	1.80	7.46	3.43	5.35	5.30	6.88	50.61
1958	2.96	4.38	3.81	4.35	5.79	6.09	3.27	9.77	1.90	5.35	1.43	4.43	53.53
1959	1.31	1.87	2.92	4.32	3.45	4.25	4.85	5.75	3.30	2.35	7.64	2.24	51.34
1960	2.13	4.56	3.29	3.57	0.91	7.34	7.20	6.21	3.31	0.85	3.04	46.00	
1961	2.57	5.39	4.02	1.73	4.83	6.49	2.85	3.90	1.64	8.78	1.81	5.05	49.06
1962	5.95	3.00	4.87	3.80	4.08	5.57	5.65	2.37	3.46	5.40	6.73	2.64	42.05
1963	1.55	2.98	5.62	0.64	2.39	7.01	0.52	3.75	3.20	0.30	6.70	2.80	37.46
1964	4.16	4.46	2.61	2.71	1.14	2.40	6.46	9.88	2.56	3.62	1.98	3.05	45.03
1965	2.51	2.77	3.68	2.13	0.87	3.39	6.33	0.81	4.81	1.38	0.36	0.72	29.76
1966	4.58	3.80	0.94	2.18	2.58	2.54	4.07	1.31	5.06	4.81	1.31	3.07	36.25
1967	1.50	3.35	2.34	1.32	3.71	3.58	5.00	6.65	0.95	1.00	1.76	4.48	36.9
1968	2.53	0.98	4.00	2.93	3.13	2.89	3.41	3.71	1.78	1.59	3.67	2.28	46.9
1969	2.04	3.95	3.95	2.60	3.12	4.36	13.00	9.31	3.09	1.88	1.87	5.26	56.33
1970	1.32	2.37	3.70	2.84	1.84	1.12	4.74	1.69	1.02	1.55	3.10	3.00	28.29
1971	1.84	4.37	2.68	1.76	6.82	4.10	4.40	3.73	2.35	9.39	2.76	0.75	44.95
1972	1.43	5.15	2.11	3.35	8.87	8.82	5.00	3.84	3.35	7.89	5.82	2.91	57.34
1973	2.66	3.11	3.44	4.58	3.56	2.45	3.64	4.34	1.82	2.56	1.27	2.07	40.50
1974	3.21	2.54	3.79	1.58	3.02	1.80	2.25	6.84	4.83	0.39	1.23	4.22	35.70
1975	5.71	2.96	8.04	2.78	2.59	4.00	12.29	2.31	10.98	3.10	2.04	4.51	61.31
RECORD	3.13	3.01	3.47	2.84	3.66	3.75	5.58	5.05	3.70	3.34	3.21	3.23	43.97
MEAN	34.0	3.01	3.47	2.84	3.66	3.75	5.58						

STATION LOCATION

RICHMOND, VIRGINIA

Location	Occupied from	Occupied to	Ailine distance and direction from previous location	Latitude	Longitude	Ground at tem- perature site	Elevation above						Automatic Observing Equipment *	Type M = AMOS T = AUTOB	Remarks	
							Sea level	Ground								
				North	West	Wind instruments	Extreme thermometers	Psychrometer	Sunshine Switch	Tipping bucket rain gage	Weighing rain gage	8" rain gage	Hygrothermometer			
<u>COOPERATIVE</u>																
High elevation in East Richmond	1/1880	2/1893				Est. 150									W. H. Pleasants; exact address unknown.	
Near Southern RR Bridge	3/1893	3/1895				Est. 35									A. J. Duesberry, River Observer.	
Westbrook Farms	4/1895	10/1897	4 mi. N	27° 36'	77° 24'	196									Capt. J. C. Shafer; temperatures only	
<u>CITY</u>																
State Library Building Capitol Square	9/18/95	5/22/97	4 mi. S	37° 32'	77° 27'	142									Section Center; no observations	
Chamber of Commerce Building, Ninth & Main Streets	5/22/97	5/31/00	3/8 mi. SW	37° 32'	77° 27'	104	107	98	98	89	89				Observational Program begun 10/5/97.	
Times Building 10th & Bank Streets	5/31/00	6/30/05	1/8 mi. NE	37° 32'	77° 27'	115	92	82	82	76	76					
Mutual Assurance Bldg. Ninth & Main Streets	6/30/05	1/30/10	1/8 mi. SW			104	154	145	145	138	138					
Weather Bureau Building Chimborazo Park 3301 E Broad Street	1/30/10	7/01/53	1-1/2 mi.E	37° 32'	77° 25'	162	53	11	11	3	a4	3			Climatological observations were continuous at City Office sites 10/5/97 through 6/30/53.	
															a - At this site 9/24/42 to 4/19/46 and after 6/1/50.	
<u>AIRPORT</u>																
WB-CAA Building	7/15/25	9/24/42	None	37° 30'	77° 20'	158	#	5	5			3			CAA to 8/3/30, WBAS 8/3/30 to 5/26/35 and 7/14/38 to 9/24/42. # - 40 feet 8/3/30 to 5/26/35, estimated 40 feet 5/26/35 to 7/14/38 and estimated 50 feet to 9/24/42.	
Army Hangar (Operations Annex)	9/24/42	4/19/46	1/2 mi.NNW	37° 30'	77° 20'	156	55	5	5			3			AF operation.	
Old Airport Administration Building	4/19/46	6/01/50	1/3 mi.SSE	37° 30'	77° 20'	156	46	5	5			4			WBAS reopened.	
Byrd Field † New Terminal Building † R. E. Byrd Interna- tional Airport effective 2/18/71	6/01/50	Present	4/5 mi. N	37° 30'	77° 20'	c164	b20	d6	d6	%60	e19	f19	e19	a4	NA	a - Installed 2700 feet ENE of thermometer site 6/26/59. b - 67 feet to 1/11/61. c - 162 feet to 6/26/59. d - Discontinued 6/26/59. e - 3 feet to 10/5/69. f - Commissioned 11/19/63. g - Effective 1/1/80.

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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 Center, Asheville, North Carolina 28801.

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