

U. S. DEPARTMENT OF COMMERCE  
WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA  
WITH COMPARATIVE DATA

1956

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 classed 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 cold-est air being delayed long enough to be modified, then further warmed as it subsides in its approach to Richmond. Because of proximity to open waters of the Chesapeake Bay and the Atlantic Ocean, they contribute to the warm and 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 temperature in the upper forties. Temperatures seldom lower to zero. The record lowest temperature of minus degrees was recorded at the Airport in January 1940. The record high temperature of 107 occurred in August 1918.

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 four 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 20 days (January 19

to February 7, 1918.) Ice storms (freezing rain or glaze) are not uncommon in winter but they are seldom severe enough to do any considerable damage. Notable exceptions were the spectacular glaze storms of December 15-17, 1905, and January 27-28, 1943, when heavy damage was done to trees and 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 (28 times in the past 61 years), and only twice 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. In recent years, three hurricanes brought more than normal rainfall to Richmond within a six-weeks period in 1955. The most noteworthy of these were Hurricanes Connie and Diane that brought heavy rains five days apart which sent the James River out of its banks at Richmond, during August 18th through August 20th.

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. Three tornadoes have been observed in Richmond, the latest, July 20, 1956. The highest wind recorded has been 68 mph with a peak gust of 79 mph 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 9, 1956, has been the latest date in spring when a temperature of 32 degrees or lower was recorded; October 9, 1935, has been the earliest date in autumn.

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

# METEOROLOGICAL DATA FOR THE CURRENT YEAR

RICHMOND, VIRGINIA  
 BYRD FIELD  
 1956

Month	Temperature						Degree days	Precipitation						Relative humidity			Wind			Number of days													
	Averages			Extremes				Total	Greatest in 24 hrs.	Date	Total	Greatest in 24 hrs.	Date	Average hourly speed	Prevailing direction	Speed	Direction	Date	Sunrise to sunset			Temperatures											
	Daily maximum	Daily minimum	Monthly	Highest Date	Lowest Date	Date		Total	Greatest in 24 hrs.	Date	Total	Greatest in 24 hrs.	Date	Average hourly speed	Prevailing direction	Speed	Direction	Date	Snow, Sleet	Fastest mile	Maximum	Minimum											
Jan.	44.7	27.2	36.0	64	30	16	28	896	1.65	0.82	9-10	1.1	1.0	9	77	79	56	68	8.8	NNW	34	SW	30	49	6.4	10	14						
Feb.	52.7	33.3	43.0	71	18	18	23	631	3.57	0.89	6	T	T	17	80	83	54	65	8.7	WSW	32	NW	18	51	6.5	12	0						
Mar.	57.9	34.7	46.3	82	6	22	25+	578	3.06	0.87	16	T	T	8	70	72	50	58	9.9	S	30	NW	24	57	6.5	2	0						
Apr.	67.6	43.3	55.5	89	30	28	21+	323	2.75	0.85	6	T	T	8	71	73	47	55	10.0	SW	33	NW	20	65	6.3	12	0						
May	77.5	52.5	65.0	94	14+	31	9	107	4.35	1.07	7	0	0	0	81	74	50	65	9.1	SSW	39	SW	23	75	6.0	10	13						
June	86.2	63.2	74.7	96	16+	51	4+	10	3.28	2.81	1-2	0	0	0	84	79	51	67	6.7	SW	23	SW	26	73	5.2	8	14						
July	88.0	67.5	77.8	99	2	57	31	0	10.32	2.92	4-5	0	0	0	88	84	56	75	7.2	SSW	36	SW	9	72	6.4	12	0						
Aug.	86.5	68.4	76.5	97	31	55	23	3	2.28	0.81	19-20	0	0	0	90	87	56	77	6.5	S	33	NW	5	74	5.2	8	17						
Sept.	77.8	58.0	67.9	95	1	39	21	75	2.96	1.26	26-27	0	0	0	87	86	58	77	8.1	S	33	NE	26	58	5.8	10	7						
Oct.	69.9	51.9	60.9	85	2	35	11	146	4.92	1.94	21-22	0	0	0	89	90	63	81	8.9	NNE	27	NE	17	44	6.6	8	16						
Nov.	57.7	37.4	47.6	74	16	18	24	519	6.11	4.07	1-2	T	T	29+	78	84	53	69	7.8	S	27	S	21	46	6.0	15	8						
Dec.	59.3	38.5	48.9	78	7	24	30	493	3.98	1.87	15-16	T	T	29+	79	85	60	73	7.5	SW	26	SW	29	39	6.8	7	9						
Year	68.8	47.8	58.3	99	July 2	16	Jan. 28	3781	49.23	4.07	Nov. 1-2	1.1	1.0	Jan. 9	81	81	55	69	8.3	S	39	SW	May 23	60	6.1	91	121						
																									129	1	46	24	50	0	0	76	0

## NORMALS, MEANS, AND EXTREMES

Month	Temperature						Normal degree days	Precipitation (c)						Relative humidity			Wind			Mean number of days (c)																								
	Normal			Extremes (c)				Normal total	Maximum monthly	Year	Minimum monthly	Year	Maximum in 24 hrs.	Year	Snow, Sleet			Mean total	Maximum monthly	Year	Maximum in 24 hrs.	Year	Mean hourly speed			Prevailing direction	Speed	Direction	Year	Pct. of possible sunshine														
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest								Normal total	Maximum monthly	Year	Minimum monthly	Year	Maximum in 24 hrs.	Year	Mean	8	45	45	53	58	Sunrise to sunset	Sunrise to sunset	Sunrise to sunset	Clear	Partly cloudy	Cloudy	Heavy log	90° and above	32° and below	32° and below	0° and below							
(a)	(b)	(b)	(b)	59	59	59	(b)	85	85	1943	-1	1918	828	3.64	10.08	1937	0.55	1876	2.66	1921	3.5	22.4	1940	16.0	1940	77	84	60	68	8.2	SSW	62	SW	1913	49	5.9	59	59						
J	48.1	28.4	38.3	80	1943	-1	1918	828	2.85	8.92	1873	0.55	1901	3.30	1920	3.2	20.2	1899	12.6	1936	73	78	56	63	8.5	SSW	51	NW	1917	55	5.3	10	7	11	10	1	*	1	1	*	9			
F	50.3	29.0	39.7	82	1930	-3	1899	730	3.42	8.78	1891	1.07	1930	3.59	1903	2.1	15.8	1914	7.8	1914	73	77	53	62	9.2	SW	51	W	1942	59	5.4	10	9	12	11	1	*	1	1	*	9			
M	55.2	35.8	47.5	94	1907	12	1943	550	3.23	8.89	1889	0.52	1942	5.33	1910	0.3	10.0	1915	10.0	1915	75	74	50	59	8.8	SSW	62	NW	1943	62	5.2	11	9	10	10	1	*	3	1	*	0			
A	68.3	43.8	56.1	96	1925	19	1923	271	3.64	9.13	1889	0.45	1930	2.39	1907	0.0	0.0	0.0	0.0	0.0	83	76	52	64	7.4	SSW	56	NW	1923	67	5.1	11	11	12	0	6	1	2	0	*	0			
M	77.7	53.9	65.8	98	1941	31	1956	66	3.87	9.28	1938	1.09	1954	3.69	1938	0.0	0.0	0.0	0.0	0.0	86	78	54	68	6.7	SW	53	NW	1917	66	5.2	10	12	12	8	1	7	0	0	*	0			
J	85.4	63.1	74.3	104	1936	43	1938	0	5.64	18.08	1945	0.57	1911	7.26	1923	0.0	0.0	0.0	0.0	0.0	89	81	57	72	6.5	SSW	56	NW	1955	66	5.2	10	13	8	11	0	10	1	12	0	0	0		
J	87.8	67.2	77.5	105	1936	52	1933	0	5.64	18.08	1945	0.57	1911	7.26	1923	0.0	0.0	0.0	0.0	0.0	89	84	57	74	6.2	S	50	SE	1952	63	5.2	10	12	9	11	0	7	1	8	0	0	0		
A	88.3	65.4	75.9	107	1918	49	1923	0	5.05	14.10	1955	0.45	1896	8.79	1955	0.0	0.0	0.0	0.0	0.0	89	85	56	75	6.4	N	45	SE	1952	63	4.9	10	9	10	0	3	2	4	0	0	0			
S	80.9	59.7	70.3	103	1954	40	1942	33	3.65	10.41	1888	0.15	1884	6.68	1935	0.0	0.0	0.0	0.0	0.0	89	85	56	75	6.4	N	45	SE	1954	64	4.4	14	8	9	8	0	1	3	2	0	*			
O	70.4	47.2	58.8	99	1941	28	1952	210	2.61	8.51	1890	0.11	1874	4.81	1929	T	T	1956+	0.5	1909	7.3	1953	81	81	53	67	7.5	S	47	SW	1920	58	4.8	12	8	10	8	1	2	0	*	7	0	
N	58.6	37.2	48.4	87	1950+	14	1955	498	2.49	6.89	1920	0.11	1890	4.07	1936	0.5	0.0	9.2	1938	7.3	1953	81	81	53	67	7.5	S	47	SW	1944	50	5.5	11	7	13	10	1	*	2	0	2			
D	49.4	29.5	39.5	78	1956	2	1917	791	2.89	7.10	1905	0.57	1889	2.52	1909	2.6	17.2	1908	17.2	1908	77	82	59	69	7.7	SW	46	SW	1944	50	5.5	11	7	13	10	1	*	2	0	2				
Year	68.6	46.7	57.7	107	1918	-3	1899	3955	42.98	16.08	1945	0.11	1890+	8.79	1955	12.2	22.4	1940	17.2	1908	82	80	55	68	7.5	SSW	68	SE	1954	61	5.2	10	13	11	12	12	13	4	40	18	33	7	71	*

- (a) Length of record, years.
- (b) Normal values are based on the period 1921-1950, and are means adjusted to represent observations taken at the present standard location.
- \* Less than one half.
- No record.
- † Airport data.
- ‡ City Office data.
- + Also on earlier dates, months, or years.
- T Trace, an amount too small to measure.
- (c) City office data through 1952, Airport data thereafter.
- (d) Record lowest at Airport -12°, January 1940.

Record mean values at the end of the Average Temperature and Total Precipitation tables are long-term means based on the period of record beginning in 1898. Values have not been corrected for changes in instrument location listed in the Station Location Table.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in degrees F.; precipitation and snowfall in inches; wind movement in miles per hour; and relative humidity in percent.

Sky cover is expressed in a range of 0 for no clouds or obstructions to 10 for complete sky cover. The number of clear days is based on average cloudiness 0-3 tenths; partly cloudy days are based on a daily average of 3-6 tenths and cloudy days on 6-10 tenths. Degree days are based on a daily average of 65° F.

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

Heavy fog in the Means and Extremes Table includes data referred to at various times in the past as "Dense" or "Thick

## AVERAGE TEMPERATURE

## TOTAL PRECIPITATION

Year	Jan.	Feb.	Mar.	Apx.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An. <sup>1</sup>
1910	39.0	39.4	33.9	58.4	63.8	70.3	77.8	74.6	71.8	61.0	42.5	34.1	57.2
1911	41.8	41.0	44.6	52.4	69.9	75.0	79.6	77.7	72.5	59.2	45.0	43.2	58.5
1912	28.9	35.0	44.9	59.6	67.0	72.2	77.6	76.4	73.0	60.2	48.2	43.2	57.2
1913	46.7	40.0	52.0	58.8	66.6	73.8	79.0	75.2	69.0	60.2	50.2	42.2	59.4
1914	41.8	35.0	41.8	56.0	68.6	75.8	76.9	77.6	68.2	61.8	48.0	35.7	57.3
1915	39.4	43.7	40.6	59.9	66.0	72.0	78.0	76.2	72.4	61.3	49.2	37.7	58.0
1916	44.0	38.8	43.4	55.8	69.7	71.7	77.5	71.6	68.2	60.2	48.5	38.8	57.7
1917	39.8	37.6	46.6	57.4	61.2	73.6	76.8	75.8	65.2	54.8	44.4	30.0	55.3
1918	28.0	41.2	51.7	54.7	70.4	71.0	73.8	78.3	65.6	62.2	47.8	43.2	57.3
1919	40.6	39.8	49.5	56.6	66.1	73.2	77.6	75.0	71.3	67.2	48.8	35.9	58.5
1920	34.2	35.5	48.2	55.2	60.8	72.4	75.4	75.2	71.0	62.0	47.2	41.0	56.5
1921	39.9	42.0	57.6	60.1	63.1	74.8	80.0	76.6	76.8	59.5	51.6	41.0	60.2
1922	35.0	41.9	49.4	58.6	67.2	75.0	77.6	73.3	70.6	60.8	49.0	42.3	58.4
1923	40.1	37.0	48.0	55.8	64.4	76.0	76.4	75.2	70.8	57.7	46.8	47.6	58.0
1924	38.0	38.2	45.6	54.0	62.8	72.8	75.3	76.4	65.8	58.6	48.8	40.5	56.4
1925	36.6	47.4	48.9	59.2	62.0	77.9	79.6	74.3	75.4	55.1	46.7	38.6	58.5
1926	37.8	41.8	43.0	54.5	65.7	71.4	77.6	78.0	71.2	60.2	46.4	37.8	57.1
1927	37.9	45.9	50.2	53.8	66.2	69.4	76.0	71.3	70.6	61.4	53.1	41.0	58.1
1928	38.9	40.4	47.4	54.2	64.1	72.8	78.4	78.0	65.8	61.4	50.4	41.0	57.7
1929	38.8	38.2	52.8	60.2	65.8	73.1	77.0	75.1	71.2	58.0	49.8	41.4	58.4
1930	39.6	45.3	46.4	55.6	68.8	74.2	79.8	76.1	78.6	57.2	48.1	36.8	58.7
1931	39.7	41.6	42.3	54.4	65.5	73.8	80.4	77.5	74.4	62.3	55.9	47.8	59.5
1932	49.8	46.2	43.9	55.0	65.1	74.1	79.1	78.8	72.2	60.4	46.8	42.4	59.5
1933	45.6	41.2	46.4	54.2	58.7	70.1	75.8	76.2	74.4	58.7	47.4	43.2	59.4
1934	42.4	29.0	43.4	56.8	67.0	78.0	80.6	72.0	53.8	50.1	39.6	57.9	
1935	36.1	39.6	52.2	53.7	63.8	74.4	77.6	76.2	68.6	59.9	52.4	33.3	57.3
1936	33.0	44.6	52.4	54.0	68.6	72.4	79.9	73.0	63.1	61.8	47.6	41.8	57.3
1937	46.4	39.3	44.7	56.4	66.8	76.4	77.0	77.6	66.8	56.4	47.8	40.0	58.0
1938	38.2	44.6	53.2	59.7	65.6	72.0	77.1	79.0	69.0	59.2	52.0	40.9	58.9
1939	42.5	35.5	49.4	56.8	67.7	77.0	76.2	78.8	72.8	60.6	46.4	41.9	59.5
1940	27.3	39.9	44.6	53.8	68.0	75.4	76.6	74.4	87.9	57.8	49.5	44.4	56.4
1941	37.0	36.1	42.0	61.2	68.8	74.4	78.8	78.0	73.6	67.0	51.4	43.9	59.3
1942	36.8	36.8	42.0	60.2	70.7	74.0	80.8	75.4	72.0	61.2	50.8	37.7	58.9
1943	40.4	42.2	47.6	54.9	62.9	79.7	80.4	78.4	78.9	69.2	55.8	42.8	58.8
1944	39.8	41.2	45.5	56.7	71.7	76.9	78.4	75.7	71.8	58.8	49.8	37.0	58.5
1945	35.0	41.8	58.8	61.3	64.2	75.6	76.6	75.6	74.4	59.2	51.1	34.6	59.0
1946	39.0	42.7	54.9	58.2	65.5	73.7	75.8	73.4	71.0	62.2	54.2	44.7	59.7
1947	45.2	34.2	41.4	58.2	67.4	72.9	75.6	74.9	71.2	64.6	47.0	39.4	58.0
1948	32.4	20.9	51.4	58.3	66.7	75.1	78.6	76.2	69.6	57.8	54.3	43.6	58.7
1949	46.4	47.8	49.2	56.6	66.6	75.4	80.2	77.0	68.2	63.6	50.6	43.9	60.5
1950	50.7	41.8	45.3	55.3	65.6	74.0	78.2	75.3	68.4	62.1	48.0	37.4	58.3
1951	41.4	42.4	47.3	56.9	63.7	74.4	78.8	76.4	70.5	62.4	45.5	43.1	58.7
1952	43.5	43.1	47.2	58.7	65.8	78.0	80.5	76.8	70.1	53.6	50.5	46.9	59.3
1953	42.9	43.8	48.3	58.0	71.5	72.5	79.9	77.7	70.0	60.7	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	58.0
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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1910	3.38	2.38	1.42	8.74	2.67	5.67	6.40	2.90	1.07	5.03	0.98	2.50	43.14
1911	3.65	2.28	2.15	8.02	2.82	1.85	1.72	3.61	4.33	3.95	1.31	3.07	42.76
1912	2.34	3.76	8.18	2.17	4.59	2.50	1.25	1.49	4.20	0.58	1.73	2.84	35.63
1913	2.53	1.51	3.53	2.54	4.80	3.78	3.65	4.59	3.20	3.95	1.49	2.17	37.74
1914	3.65	3.27	3.66	1.28	2.50	2.76	3.00	2.42	1.47	1.67	2.20	4.95	32.83
1915	5.41	3.92	1.10	1.68	3.00	3.77	2.42	7.34	1.99	3.27	0.63	1.93	36.46
1916	5.11	3.68	1.57	1.94	7.72	5.39	1.55	1.44	1.31	3.02	0.97	3.70	32.56
1917	2.98	3.47	4.57	2.56	4.59	5.31	2.82	7.74	4.62	3.78	0.44	1.72	43.27
1918	5.81	0.91	3.98	8.02	3.30	5.36	1.05	2.76	3.55	0.59	1.26	4.79	41.38
1919	3.64	2.22	3.51	3.25	5.19	3.90	9.82	2.62	0.54	1.71	1.31	2.30	40.11
1920	2.02	6.67	3.11	2.96	3.06	6.34	0.05	8.69	2.71	0.66	6.69	1.87	50.83
1921	3.80	3.52	1.23	4.65	3.89	1.49	2.36	0.61	0.95	1.20	2.97	3.02	30.59
1922	4.58	3.81	7.01	2.01	3.27	6.42	8.48	7.78	0.66	3.68	0.86	51.70	
1923	4.61	3.09	5.88	3.96	1.16	2.09	10.87	6.41	4.25	2.16	2.20	2.28	48.96
1924	2.98	2.34	4.00	5.11	7.36	4.83	3.02	1.51	9.58	0.78	6.99	3.34	47.39
1925	5.42	0.90	2.47	2.33	2.15	2.24	2.22	2.55	0.93	4.67	1.55	3.89	31.42
1926	3.30	3.60	1.96	2.01	1.59	2.19	7.17	5.24	1.46	0.81	3.63	4.66	37.52
1927	0.70	2.87	1.95	3.47	3.30	12.19	9.10	7.19	4.01	2.02	1.61	5.02	44.36
1928	2.23	1.84	2.71	6.86	1.99	7.19	1.95	8.05	7.01	0.40	1.20	1.46	42.89
1929	1.53	5.19	3.96	3.00	3.65	3.22	1.18	2.41	6.99	3.22	0.82	3.34	20.70
1930	4.25	1.21	1.07	3.19	2.71	5.18	4.51	2.35	1.37	1.31	1.63	2.48	31.26
1931	1.88	2.60	2.94	3.87	5.64	2.88	4.47	1.12	1.92	1.15	0.24	2.52	41.73
1932	5.64	1.66	6.21	1.69	1.49	1.37	1.17	1.66	1.36	0.75	6.58	3.50	44.18
1933	3.85	2.73	2.15	4.02	4.84	1.63	4.59	8.84	1.05	0.72	3.14	3.61	38.73
1934	1.63	5.34	4.36	2.10	4.83	3.47	3.00	1.80	4.99	1.56	2.41	4.33	40.66
1935	4.41	2.13	4.00	4.40	6.22	5.64	3.68	9.23	1.73	3.19	2.12	5.78	51.72
1936	7.76	3.92	4.82	2.65	4.58	3.88	3.18	2.90	1.43	1.68	0.92	4.34	36.87
1937	10.08	2.42	1.66	6.02	6.00	9.85	2.61	6.34	2.44	0.90	56.98		
1938	2.96	1.89	3.57	2.80	4.80	2.98	9.71	2.44	3.85	1.58	3.61	48.96	
1939	2.64	3.87	3.49	3.00	1.80	4.99	4.33	5.84	1.56	2.41	2.10	4.33	
1940	3.09	2.81	2.08	5.19	4.65	3.78	3.52	11.08	1.55	2.02	4.58	1.56	45.92
1941	2.32	1.14	2.43	1.23	1.88	3.51	3.86	2.20	0.75	0.46	2.98	2.82	
1942	4.33	1.11	5.15	0.52	3.57	4.75	4.31	5.05	7.38	1.23	3.05	4.44	
1943	3.19	1.93	4.4										

# STATION LOCATION

RICHMOND, VIRGINIA  
BYRD FIELD  
1956

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude	Longitude	Elevation above										REMARKS	
						Sea level		Ground									
						Ground	Actual barometer elevation (H <sub>a</sub> )	Wind instruments	Extreme thermometers	Psychrometer	Telopsychrometer	Tipping bucket rain gage	Weighing rain gage	8" rain gage			
High elevation in East Richmond	1-1880	2-1893					CITY OFFICE Est 150		?					?		W. H. Pleasants, Exact address unknown.	
Near Southern RR Bridge	3-1893	3-1895	?				Est 35		?					?		A. J. Duesberry, River Observer, Observed Temperatures.	
Westbrook Farms	4-1895	10-1897	4 mi. N	27° 36' N	77° 24' W	196			?							Capt. J.C.Shafer, Temperatures only.	
State Library Building Capitol Square	9-18-95	5-22-97	4 mi. S	37° 32' N	77° 27' W	142										Section Center, No Observations.	
Chamber of Commerce Bldg Ninth & Main Streets	5-22-97	10- 4-97	3/8 mi. SW	37° 32' N	77° 27' W	104										Section Center, No Observations.	
Chamber of Commerce Bldg. Ninth & Main Sts.	10- 5-97	5-31-00					143.70	107	98	98		89		89		Observational Program begun 10-5-97.	
Times Bldg., 10th & Bank Streets	5-31-00	6-30-05	1/8 mi. NE	37° 32' N	77° 27' W	115	156.90	92	82	82		76		76			
Mutual Assurance Bldg. 9th & Main Streets	6-30-05	1-30-10	1/8 mi. SW				104	214.82	154	145	145		138		138		
Weather Bureau Building Chimborazo Park, 3301 E Broad Street	1-30-10	7- 1-39	1-1/2 mi. E	37° 32' N	77° 25' W	162	169.59	53	11	11		3		3			
Weather Bureau Building Chimborazo Park, 3301 E Broad Street	7- 1-39	9-24-42														Observational program at Airport	
Weather Bureau Building Chimborazo Park, 3301 E Broad Street	9-24-42	4-19-46											4			Observations, including Pibal, returned to WBO.Byrd Field occupied by AAF.	
Weather Bureau Building Chimborazo Park, 3301 E Broad Street	4-19-46	6- 1-50															
Observational and Pibal Program returned to WBAS, Byrd Field. Climatological Observations only at WBO. Triple register and associated instruments moved to WBAS. Weighing gage returned to WBO. Climatological observations.																	
Weather Bureau Building Chimborazo Park, 3301 E Broad Street	6- 1-50	7- 1-53		37° 32' N	77° 25' W	162		# 53	11			-	4	3		# Wind instruments for display. WBO consolidated with WBAS 7-1-53.	
AIRPORT STATION																	
Old WB/CAA Bldg. location	7-15-25	8- 3-30	None	37° 30' N	77° 20' W	*158	163.96	-	-	-	-	-	-	-		Branch service of City Office and CAA cooperating.	
WB-CAA Building	8- 3-30	5-26-35	None	37° 30' N	77° 20' W	158	163.96	40	5	5	-	-	-	-	3	Full WBAS established; closed 1935.	
WB-CAA Building	5-27-35	7-14-38	None	37° 30' N	77° 20' W	158	163.96	* 40	5	5	-	-	-	-	3	Observations by CAA during period WB closed.	
WB-CAA Building	7-14-38	9-24-42	None	37° 30' N	77° 20' W	158	163.96	* 50	5	5	-	-	-	-	3	Reopened same location; closed 1942 because AF had AP.	
Army Hangar (Operations Annex)	9-24-42	4-19-46	1/2 mi.NNW	37° 30' N	77° 20' W	156	159.72	55	5	5	-	-	-	-	3	Army base closed after World War II.	
Old Airport Administration Building	4-19-46	6- 1-50	1/3 mi.SSE	37° 30' N	77° 20' W	156	166.85	46	5	5	-	-	-	-	4	WBAS re-opened in airport terminal building (old).	
Byrd Field, New Terminal Building	6- 1-50	Present	4/5 mi. N	37° 30' N	77° 20' W	162	180.24	67	6	6	-	3	-	3	All Airport operations consolidated in new Terminal Building.		
																* Data doubtful.	