

U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

WITH COMPARATIVE DATA

1961

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 coldest 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 12 degrees 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 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 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 (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 the Richmond area, 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 8, 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
 1961

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	Fastest mile	Sunrise to sunset	Percent of possible sunshine	Average sky cover sunrise to sunset	Precipitation	Snow, Sleet	Thunderstorms	Temperatures												
	Daily maximum	Daily minimum	Monthly	Highest	Date	Lowest		Total	Greatest in 24 hrs.	Date	Total	Greatest in 24 hrs.	Date		Average hourly speed	Prevailing direction	Speed	Direction	Fastest mile	Sunrise to sunset	Percent of possible sunshine	Average sky cover sunrise to sunset	Heavy log	Maximum	Minimum	Max.	Min.											
JAN	44.8	22.1	33.5	61	14	-1	28	971	2.57	31-1	7.2	73	44	58	7.2	SW	29	NW	20	65	4.8	15	4	12	0	0	0	0	0									
FEB	52.9	31.5	42.2	78	19	13	2	632	5.39	1.52	7-8	5.0	2.5	3	7.6	S	38	SW	25	39	7.3	6	4	18	10	2	1	1	26									
MAR	61.9	39.6	50.8	84	6+	22	18	461	4.02	1.48	21-22	T	1	21	73	S	30	WSN	17	51	6.6	8	6	17	15	0	0	0	4									
APR	65.2	40.7	53.0	91	25	28	3	390	1.73	.65	9-10	T	0	0	69	SW	33	NW	28	53	6.3	6	12	12	11	0	0	0	5									
MAY	76.2	51.0	63.6	89	8	36	3	106	4.83	1.12	10-11	T	0	0	80	SSW	26	NE	29	62	6.0	9	8	14	11	0	0	0	0									
JUN	84.1	61.4	72.8	93	2	48	18+	7	6.49	2.01	21-22	T	0	0	88	SW	34	SE	14	60	6.4	4	14	12	14	0	0	0	0									
JUL	89.8	67.2	78.5	97	31+	54	11	0	2.85	1.61	7-8	T	0	0	90	SW	34	N	8	72	5.8	6	15	10	8	1	20	0	0									
AUG	87.3	66.8	77.1	96	12	55	15	0	3.90	1.69	20-21	T	0	0	93	SW	19	NE	10	55	6.5	8	6	17	11	0	0	0	17									
SEP	84.7	62.3	73.5	95	3	39	30	27	1.64	.87	6-7	T	0	0	90	SW	22	NE	18	66	4.7	14	8	8	10	0	0	0	4									
OCT	71.9	44.3	58.1	84	30	30	28	218	8.78	6.50	20-21	T	0	0	90	SW	27	N	14	67	4.3	16	7	8	6	0	0	0	5									
NOV	60.9	39.3	50.1	82	5+	20	30	459	1.81	.70	19-20	T	0	0	81	SW	25	NW	24	46	6.4	8	7	15	10	0	0	0	2									
DEC	46.4	27.8	37.1	64	5	16	31+	860	5.05	1.39	9-10	T	0	0	78	SW	30	NW	5	44	6.9	5	9	17	10	0	0	0	25									
YEAR	68.8	46.2	57.5	97	31+	-1	28	4131	49.06	6.50	20-21	T	13.1	3.2	JAN	26	82	82	51	67	7.7	SW	38	SW	25	58	6.0	105	100	160	122	6	41	28	54	8	91	1

NORMALS, MEANS, AND EXTREMES

Month	Temperature						Normal degree days	Precipitation						Relative humidity	Wind						Mean number of days																						
	Normal			Extremes				Normal total	Maximum monthly	Year	Year	Maximum in 24 hrs.	Year		Mean hourly	Maximum in 24 hrs.	Year	Mean hourly	Speed	Prevailing direction	Direction	Fastest mile	Sunrise to sunset	Percent of possible sunshine	Mean sky cover sunrise to sunset	Precipitation	Snow, Sleet	Thunderstorms	Mean number of days														
	Daily maximum	Daily minimum	Monthly	Record highest	Record lowest	Year																							Heavy log	Max.	Min.												
(a)	(b)	(b)	(b)	32	32	(b)	24	24	24	1940	828	3.64	5.71	1952	1.08	1951	3.23	1940	4.4	28.5	1940	21.6	1940	78	81	71	8.1	40	50	6.6	8	11	16	16	32	32	32						
J	48.1	28.4	38.3	80	1950	-12	1940	708	2.76	5.61	1944	1.03	1.56	1942	2.6	11.0	1952	9.2	1947	75	80	53	64	8.5	NNE	45	55	53	6.2	9	13	9	1	1	18	*							
F	50.3	29.0	39.7	83	1932+	-10	1936	708	2.76	5.61	1944	1.03	1.56	1942	2.6	19.7	1960	8.4	1960	74	78	48	60	9.0	W	42	52	57	6.2	8	15	12	1	1	10	0							
M	59.2	35.8	47.5	93	1938	11	1960+	550	3.42	5.85	1944	1.33	1.94	1942	2.04	1942	2.6	2.0	1940	75	75	46	58	9.0	S	40	50	62	6.2	7	10	13	10	3	2	0							
A	68.3	43.8	56.1	96	1960	26	1950	271	3.23	5.32	1952	1.74	1.95	1950	2.07	1952	.1	2.0	1940	75	75	46	58	9.0	S	39	50	62	6.2	7	15	11	0	2	0								
M	77.7	53.9	65.8	100	1941	31	1956	66	3.64	7.73	1946	1.11	1.92	1942	2.30	1958	.0	0	1940	84	78	49	66	7.7	S	39	50	62	6.2	7	15	11	0	2	0								
J	85.4	63.1	74.3	104	1952	41	1938+	87	9.24	1938	1910	2.87	1960	2.85	1938	0	3.87	1938	11	1960	87	80	52	68	7.3	S	52	52	68	6.2	7	15	11	0	0	0							
J	87.8	67.2	77.5	104	1936+	51	1940	0	5.64	18.87	1945	1.30	1954	4.90	1945	.0	0	1945	7.0	1945	7.0	5.9	56	56	56	5.9	8	11	12	12	0	10	2	14	0	0	0						
A	86.3	65.4	75.9	102	1953	46	1934	0	5.05	14.10	1955	8.79	1955	.0	0	1953	7.0	1955	7.0	6.7	50	50	6.0	8	11	12	10	0	7	3	11	0	0	0									
S	80.9	59.7	70.3	103	1954	38	1942	33	3.65	8.49	1945	.69	1954	3.82	1955	.0	0	1954	7.0	1955	7.0	4.5	45	55	5.7	9	8	13	8	0	4	3	5	0	0	0							
O	70.4	47.2	58.8	99	1941	23	1936+	210	2.61	8.78	1961	.35	1941	6.50	1961	.1	1	1954	7.0	1954	7.0	6.8	68	68	6.2	8	13	8	0	4	3	5	0	0	0								
N	59.6	37.2	48.6	86	1950	10	1933+	498	2.49	7.64	1959	.66	1941	4.07	1956	.6	7.3	1953	7.3	1953	7.3	5.5	55	55	5.4	7	12	7	8	0	1	2	0	0	0								
O	49.4	29.5	39.5	78	1956	-1	1942	791	2.89	6.88	1957	.86	1955	3.16	1958	1.8	12.5	1958	6.7	1958	7.8	7.4	55	55	5.7	10	7	14	9	1	1	3	0	2	21	* 0							
YR	68.6	46.7	57.7	104	JUN	1952+	-12	1940	3955	42.89	18.87	1945	.35	1941	8.79	1955	12.1	28.5	1940	21.6	1940	82	82	53	70	7.7	S	68	SE	1954	61	6.0	102	106	157	116	3	40	29	44	6	83	1

The normals published in this issue are derived from 1921-1950 data. Effective with January 1962 data, new climatological standard normals based on the period 1931-1960 will be used. These new normals are available in "Decennial Census of U. S. Climate; Monthly Normals of Temperature, Precipitation and Degree Days Virginia, Climatology of the United States No. 81 - 38."

Means and extremes in the above table are from the existing or comparable location(s). Annual extremes have been exceeded at prior locations as follows: Highest temperature 107 in August 1918; minimum monthly precipitation 0.11 in November 1890 and earlier date(s).

REFERENCE NOTES

(a) Length of record, years.
 (b) Normal values are based on the period 1921-1950, and are unadjusted to represent observations taken at the present standard location.

* Less than one half.

† Airport data.

‡ City Office data.

§ Also on earlier dates, months, or years.

¶ Trace, an amount too small to measure.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in degrees F; precipitation, including snowfall, in inches; wind movement in miles per hour; relative humidity in percent. Monthly degree day totals are the sum of the negative departures of average daily temperatures from 65°.

Heavy fog in the Normals, Means and Extremes table includes fog referred to at various times in the past as "dense" and "thick". The upper visibility limit for heavy fog is 1/4 mile.

Mean values at the bottom of the Average Temperature and Total Precipitation tables are long-term means based on the entire period of record beginning in 1930.

Values have not been corrected for changes in instrument location listed in the Station Location table.

AVERAGE TEMPERATURE

TOTAL PRECIPITATION

RICHMOND, VIRGINIA
BYRD FIELD
1961

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An. ¹
1930	38.7	43.6	45.2	54.0	67.5	71.1	78.1	73.8	75.3	54.3	46.2	35.5	56.9
1931	38.3	40.4	41.3	53.4	64.4	72.6	77.8	73.8	73.4	59.8	54.2	41.2	57.6
1932	48.1	46.4	44.3	54.3	63.6	73.8	77.8	76.9	70.0	59.0	46.8	41.2	58.1
1933	44.3	40.3	45.6	56.0	69.1	74.4	75.2	75.7	71.2	57.1	45.0	41.8	58.0
1934	42.6	48.2	42.8	56.3	66.2	76.6	79.7	74.9	71.3	56.3	49.5	38.4	56.9
1935	34.5	38.7	51.9	53.5	62.9	73.6	77.2	75.3	67.6	58.3	51.5	31.6	56.4
1936	31.4	33.7	51.2	53.1	66.5	73.7	79.7	76.5	71.6	59.8	46.3	40.1	57.0
1937	46.0	38.3	43.3	55.3	65.8	76.0	76.8	77.2	66.0	55.0	46.2	38.4	57.0
1938	37.2	43.1	53.6	59.9	64.9	71.6	76.8	78.3	68.4	57.7	49.9	40.3	58.5
1939	41.6	44.8	48.8	56.0	66.9	76.4	75.7	77.1	71.8	59.9	44.8	39.8	58.6
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	78.4	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	73.6	73.6	57.8	49.6	35.4	58.4
1946	38.0	41.7	53.8	57.2	65.8	72.8	75.4	72.2	67.0	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	38.4	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	76.8	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	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
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	39.3	35.9	61.8	64.9	73.7	76.3	77.5	69.3	57.1	50.1	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
RECORD MEAN TEMP	38.6	40.2	46.8	56.9	66.3	74.3	78.0	76.2	70.3	58.9	48.5	39.4	57.9
MAX	48.3	50.9	58.1	69.2	78.2	85.5	88.3	86.2	81.0	70.7	59.8	49.5	68.8
MIN	28.8	29.4	35.5	44.6	54.4	63.1	67.6	66.2	59.6	47.1	37.1	29.3	46.9

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1938	3.28	1.82	3.72	3.24	4.92	9.24	11.89	9.95	4.41	1.57	2.74	2.74	50.52
1939	3.40	3.98	5.33	3.04	1.39	5.41	5.23	8.34	1.70	4.84	2.18	1.51	46.35
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	2.18	1.17	1.91	3.44	1.31	1.83	2.89	3.05	1.23	0.35	0.66	2.85	22.91
1942	3.59	1.03	5.31	0.78	1.11	5.30	3.52	6.61	3.71	6.74	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	1.88	33.29
1944	2.83	5.61	5.85	3.59	1.41	1.42	7.76	6.44	5.50	1.73	3.94	2.26	48.40
1945	2.25	3.57	1.33	3.50	5.09	1.71	18.77	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	2.73	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	4.20	42.20
1948	4.11	2.66	5.54	4.58	6.42	2.73	4.05	7.75	3.05	3.21	5.74	4.14	53.99
1949	3.26	2.55	2.12	5.11	3.53	6.34	8.89	2.64	3.87	1.88	1.94	4.45	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	5.32	3.72	4.50	2.71	6.41	2.35	2.04	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	0.99	1.86	2.43	31.45	
1955	1.09	3.18	2.66	3.14	1.79	3.06	7.93	14.10	5.79	2.57	1.76	0.86	47.93
1956	1.85	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	2.44	3.45	12.85	5.75	3.30	2.25	7.64	2.24	51.34
1960	2.13	4.56	3.29	3.57	3.59	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
RECORD MEAN TEMP	2.94	2.97	3.38	3.02	3.76	3.81	5.85	5.46	3.69	3.35	3.24	3.06	44.53

MONTHLY AND SEASONAL DEGREE DAYS

MONTHLY AND SEASONAL SNOWFALL

Season	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
1930-31	0	1	5	345	557	906	825	684	718	336	84	13	4474
1931-32	0	4	25	194	328	575	496	580	662	319	111	1	3295
1932-33	0	0	31	209	568	711	637	684	601	265	54	21	3781
1933-34	1	0	1	249	569	712	716	1024	681	265	74	0	4292
1934-35	0	9	3	262	443	817	920	734	734	403	356	105	4052
1935-36	0	0	40	223	413	1034	1038	933	422	372	60	13	4548
1936-37	0	0	17	199	564	748	590	742	668	283	78	1	3890
1937-38	0	0	75	321	556	820	876	622	379	204	91	11	3955
1938-39	0	0	38	228	462	778	724	551	527	288	120	2	3716
1939-40	3	0	5	250	610	785	1265	777	673	380	91	3	4842
1940-41	2	0	74	286	474	475	924	862	595	224	92	13	4021
1941-42	0	3	13	152	510	691	995	854	529	222	13	0	3982
1942-43	0	2	52	104	459	849	753	652	578	356	63	3	3868
1943-44	0	0	57	251	532	808	819	710	639	280	17	0	4113
1944-45	0	1	57	216	488	691	829	556	553	295	67	3	3412
1945-46	0	0	21	226	486	698	629	542	542	212	44	0	3923
1946-47	0	5	22	161	370	669	633	880	700	249	94	10	3862
1947-48	0	0	81	98	558	822	1049	733	469	250	48	3	4111
1948-49	0	0	28	279	373	712							

STATION LOCATION

RICHMOND, VIRGINIA
BYRD FIELD
1961

Location	Occupied from	Occupied to	Ailine distance and direction from previous location	Latitude	Longitude	Elevation above										REMARKS	
						Sea level		Ground									
						Ground	Actual barometer elevation (H _b)	Wind instruments	Extreme thermometers	Psychrometer	Telemeter	Tipping bucket	Weighting rain gage	8" rain gage	Hygrometer		
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		85			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															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. Observational and Pibal moved to WBAS. Weighting gage returned to WBO. Climatological observations.						Climatological Observations only at WBO. Triple register and associated instruments											
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	b 67	6	6	-	3	-	3 (a)5			All Airport operations consolidated in new Terminal Building, (a) Hygrometer installed 6-25-59. (b) F-420 wind equipment installed 1/11/61 at Runway Cmplx 20' above ground. * Data doubtful.