

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

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CLIMATOLOGICAL DATA

VIRGINIA

ANNUAL SUMMARY 1950

Volume LX No. 13



CHATTANOOGA: 1951

VIRGINIA - 1950

S. S. Schworm, Section Director - Richmond

WEATHER SUMMARY

The year was remarkably close to normal in both temperature and precipitation; the annual temperature, 55.7°, was subnormal by 0.2°; the annual precipitation, 42.17 inches, was only .07 inch above normal.

JANUARY was the warmest of record, the average temperature exceeding the previous warmest, January 1932, by a whole degree. It was also warmer than any December or February of record. The highest temperature, 82° at Ashland, equalled the highest temperature during any January. Precipitation averaged less than usual; however, rather heavy rains on the 30th caused some of the small streams in southwestern Virginia to overflow their banks and do considerable nuisance damage.

FEBRUARY was somewhat warmer and drier than normal, and snowfall was about half the usual amount. A minor flood occurred in the James River from below Scottsville to just above Richmond, but no damage occurred. A line squall at Hurdles Corner, Norfolk County, on the 23rd caused about \$1000 damage.

MARCH temperatures were considerably below normal, and precipitation was slightly subnormal. The lowest temperature since the previous winter, zero, occurred at Big Meadows on the 3rd. Snowfall was heavier than usual with amounts ranging as high as 15.5 inches (at White Top Mountain). A violent windstorm in Botetourt County on the 8th injured one person and caused damage amounting to \$2,000. Quantities of dust in the air were brought down in showers of mud at many places on the 29th. Plums, pears, and peaches which had developed too early in the warm January and February were severely damaged in many areas by March freezes.

APRIL, a little cooler than average, had only 47 percent of the normal precipitation. Freezes during the month did further damage to the early blooming fruits, but apples were favorably retarded. The cool, dry weather retarded growth of pastures and hindered spring planting.

MAY temperature was approximately normal; precipitation was well above normal following a six months period of moisture deficiency. Storms were frequent and violent. At Danville Airport on the 10th high winds wrecked an airplane and damaged a hanger and radio installations. A Chesterfield County man was killed by lightning on the 16th. Severe hail storms in many sections on the 17th, 18th, 19th, 23rd, 24th, 26th, 27th, and 29th caused a combined damage, chiefly to crops, amounting to more than half a million dollars. Flash floods in small streams in Wise County on the 27th and Bedford County on the 30th caused several thousand dollars damage. Pastures improved and became excellent, but farm work in general was hampered by the rains.

JUNE was slightly on the cool side in temperature, and rainfall was nearly an inch below normal. The highest temperature for the year, 102°, occurred at Walkerton on the 6th. There were several severe wind and hail storms which caused a total damage of more than one hundred thousand dollars. Two persons were killed and one injured at Martinsville on the 21st when rain and high winds caused a condemned building to collapse. The Roanoke River exceeded flood stages above Clarksville on the 1st and 2nd, but no damage was reported. From an agricultural viewpoint the month was quite favorable.

JULY was considerably cooler and wetter than usual. Several severe local hail, electric, and wind storms during the month caused a total damage reported to be in excess of \$118,500. Wet weather hindered harvest of small grains and the cultivation of row crops, but all vegetation made rapid growth.

AUGUST was a little below normal in both temperature and precipitation. Storm damage was relatively light. Agricultural activities made good progress. The harvesting of hay, peaches, early apples, tomatoes, sweet corn, and all types of tobacco, except burley, were among the more important projects. Peanuts were reported promising and cotton disappointing. Corn prospects were excellent except in some northern counties where rainfall was deficient.

SEPTEMBER was the seventh consecutive month with subnormal temperature. Rainfall was 74 percent more than usual. Extremely heavy rains on the 9th and 10th caused flash floods in 14 counties. Greatest destruction was in Rockbridge County, where two persons were drowned, and in a portion of Botetourt. The total damage was estimated to be \$1,203,000. The James River exceeded flood stages at all points below Lynchburg; and the Roanoke rose beyond flood stage at Alta Vista and Randolph, but only minor damage occurred in these larger rivers.

OCTOBER was warmer than average with only 74 percent of normal rainfall. For agricultural purposes it was near ideal.

NOVEMBER averaged rather cold, but a remarkable range in temperature showed 90° at Buggs Island Dam on the 2nd to be an all time high for the month, while 3 below zero at Burkes Garden on the 25th equalled the lowest of record for any November. Precipitation was approximately normal, but only two other Novembers had more snow. Heavy snow in the Shenandoah Valley and southwestern counties on the 25th and 26th caused the death of one man by freezing, brought all traffic to a stand-still, and caused schools to be closed in 17 counties. Slight earth tremors were felt in the Arvon section of Buckingham County on the 26th.

DECEMBER was much below normal in temperature, while precipitation was half an inch more than usual. Heavy rains on the 3-4th and again on the 7th brought all of the larger rivers in Virginia to a little above flood stage, but damage was not great. A snow storm on the 10-11th tied up traffic for several hours in northern and central counties. and a glaze storm throughout the State on the 28-29th caused further traffic difficulties. S.B.T.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA
1950

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
ALEXANDRIA POTOMAC YDS	49.8	-	39.2	-	44.3	-	55.1	-	66.4	-	74.9	-	77.1	-	76.5M	-	67.8	-	61.3	-	49.3	-	36.7	-	58.2	-
ANNANDALE	49.5M	13.0	39.1	1.8	43.7M	-3.2	54.0M	-1.7	64.9M	-1.1	72.5	-2.5	75.0M	-1.7	74.0M	-9	65.1	-2.0	46.0M	-1.0	-	-	-	-	-	-
ASHLAND	46.4M	-	39.4	-	43.5	-	52.2	-	64.6	-	71.0	-	73.1	-	71.8	-	65.7	-	58.9M	-	43.6	-	34.7	-	55.4	-
BALCONY FALLS	48.9M	13.0	41.2	3.7	46.1	-1.4	54.1	-1.8	65.7	-2.1	71.8	-1.5	73.3	-2.9	72.6	-2.1	66.7	-2.4	61.1	-2.9	44.8	-2.7	35.1	-4.2	56.8	-1
BEDFORD	41.9M	13.2	30.8	1.6	33.8M	-4.0	44.7M	-1.3	57.5M	-9	63.9	-0.6	65.6M	-7	65.0M	-5	58.2M	-1.5	52.8M	-1.8	39.1	-1	26.1	-3.7	48.3	-5
BIG MEADOWS	45.3	11.4	38.3	3.7	41.2	-1.7	50.5M	-6	62.6	2.1	67.9	-2	70.0	-1.3	67.3M	-2.9	63.0M	-1.9	57.9	-4.3	39.9	-2.9	-	-	58.0	-
BLACKSBURG	49.7	-	41.5	-	44.8	-	55.6	-	66.8	-	74.3	-	75.8	-	74.5	-	68.3	-	62.0M	-	49.2	-	37.1	-	-	-
BLACKSTONE CAA AP	50.1	15.9	44.5	7.8	44.9	-2.2	53.9	-4	67.0	2.7	72.3	1.4	73.2	-1.0	-	-	67.1	-9	62.5	7.1	42.4	-2.4	33.6	-2.4	-	-
BOWLING GREEN	48.6	11.9	41.4	1.5	44.1	-3.2	54.3	-1.1	66.1	1.3	71.4	-1.1	73.3	-2.6	72.8	-1.8	66.6	-3.1	59.2	1.1	44.2	-2.3	35.1	-3.4	56.4	-3
BRISTOL	50.0	-	42.6	-	45.5	-	56.3	-	67.8	-	74.5	-	75.8	-	74.3	-	69.5	-	63.8	-	48.1	-	36.8	-	59.9	-
BUCHANAN	44.9M	12.7	36.9	4.5	36.4	-4.0	46.5	-1.6	59.1	-2.0	63.9M	-2	66.2	-1.0	64.7	-1.4	59.5	-1.1	54.8	-4.6	35.2	-5.0	28.6	-4.3	49.7	-4
BUGGS ISLAND DAM	51.0	-	41.6	-	45.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BURKES GARDEN	53.9	13.7	45.7	4.5	46.9	-3	54.5	-1	63.1	-1.1	73.2	-3	76.7	-8	75.5	-1.4	71.5	-3	64.8	2.7	51.4	-7	39.7	-4.0	59.7	1.1
CAMP LEE	50.8M	-	42.0	-	45.9M	-	-	-	-	-	-	-	-	-	-	-	61.3	-	51.4	-	45.3	-	3.6	-	-	-
CAPE HENRY WB CITY	44.3	8.0	37.6	-5	40.3	-4.9	51.1	-2.8	62.6	-1	68.1	-1.6	69.4	-3.3	69.0	-2.6	63.2	-3.6	58.7	2.1	43.2	-2.5	32.9	-5.0	53.4	-1.4
CAPRON	45.6	-	36.7	-	39.3	-	50.8	-	62.8	-	70.6	-	72.7	-	72.8	-	64.4	-	57.0	-	44.6	-	31.8	-	54.1	-
CARDINAL	49.5M	-	40.0M	-	43.2M	-	54.5M	-	65.8M	-	72.3M	-	74.7M	-	74.1M	-	67.3M	-	59.2M	-	47.0M	-	33.2M	-	56.8	-
CHARTLOTTE COURT HOUSE	42.9	6.5	38.0	6	42.2	-4.2	53.6	-2.1	65.0	-9	73.0	-1	74.4	-2.3	74.5	-6	66.7	-2.9	60.0M	-1.3	47.0	-1.0	34.3	-3.9	56.0	-8
CHASE CITY	50.5	-	42.4M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHATHAM 2 NE	48.0	8.7	40.9	-7	44.3	-3.4	55.1	-1.0	65.8	-1	73.2	-9	74.9	-2.5	74.3	-1.4	68.0	-2.4	61.4M	3.4	45.7	-2.3	35.1	-5.9	57.2	-7
CHERTON	52.3M	11.4	-	-	46.6M	-1.9	55.1M	-2.3	65.2M	-2.7	75.0M	-7	78.0M	-3	76.5M	-8	71.6M	-9	64.1M	1.3	53.3M	-1.7	36.8M	-3.9	-	-
CLARKSVILLE	49.6	12.1	41.5	1.2	45.7	-2.6	55.8	-7	67.0	-9	74.2	-2	76.4	-1.2	75.5	-7	70.9	-5	61.3	3.0	48.2	-1.0	35.3	-4.1	58.4	-7
COLUMBIA	44.7	7.7	38.3	8	41.0	-5.6	52.6	-2.7	64.1	-1.0	71.9M	-6	74.3	-2.0	74.2	-7	67.2	-1.7	60.0	2.7	46.1	-5	33.4	-4.6	55.7	-6
CROZET 2 N	48.1	-	39.0M	-	43.4	-	53.2	-	64.1	-	72.0	-	74.5M	-	73.2	-	66.2	-	61.2	-	45.4	-	35.6	-	56.3	-
CULPEPER	48.3	13.6	39.8	3.5	43.7	-1.6	53.9M	-5	63.6M	-5	71.5M	-5	74.5M	-1.1	73.7M	-2	66.7M	-1.4	58.8	2.5	46.1M	-9	33.1	-3.1	56.2	-1.0
DAHLGREN PROV GROUND	48.7	12.2	38.7M	1.0	41.5	-4.1	51.4	-2.6	63.1	-5	73.1	-0	76.5	-4	74.8	-4	67.8	-2.1	59.9	2.0	47.1	-8	35.7	-3.3	56.5	-1
DALE ENTERPRISE	46.4	13.0	37.6	3.0	39.7	-3.2	49.7	-2.3	61.9	-6	68.7	-1.3	70.7	-3.1	70.4	-1.7	63.3	-3.5	56.6	1.2	42.3	-1.6	31.2	-4.1	53.2	-4
DANTE	46.0	6.6	39.3	3.3	41.9	-2.8	50.6	-3.2	64.8	3.1	69.6	-4	71.0	-1.1	70.3	-1	64.9	-2.3	59.2	3.3	39.4	-5.4	-	-	-	-
DANVILLE	50.0	9.8	43.6	-9	47.0	-3.0	57.4	-7	68.5	1.0	75.2	-1	76.8	-2.4	75.9	-1.9	69.6	-2.9	63.5	2.8	47.3	-2.4	36.8	-5.0	59.3	-4
DANVILLE CAA AP	49.2	-	41.7	-	45.1	-	55.9	-	66.9	-	74.7	-	75.5	-	75.2	-	68.5	-	62.8	-	45.9	-	36.3	-	58.1	-
DIAMOND SPRINGS	53.8	10.1	45.5	1.8	48.6	-1.7	56.4	-1.4	65.4	-9	75.0	-9	77.3	-4	75.0	-2.0	71.1	-1.5	63.7	1.1	51.2	-1.3	39.4	-5.1	60.2	-0
ELKWOOD 7 S	48.3M	13.2	37.5M	2.2	41.3M	-3.4	52.4	-3.2	63.7	-1.7	71.3	-1.3	73.7	-1.4	73.2	-2	64.9M	-2.6	57.9	7	45.7	-8	32.7M	-3.1	55.2	-2
EMORY	48.2	-	38.1	-	42.4	-	52.9	-	64.9	-	73.7	-	76.0	-	75.0	-	66.7	-	60.5	-	48.1	-	34.6	-	56.8	-
EPISCOPAL HIGH SCHOOL	46.5	-	37.1	-	41.2	-	52.1	-	64.1	-	72.1	-	74.7	-	73.9	-	65.7	-	60.5	-	46.0	-	33.4	-	55.4	-
FALLS CHURCH	50.0	11.7	40.7	2.0	45.6M	-2.1	54.9	-6	65.7	-5	72.5	-1.7	75.0	-3.2	74.0	-2.4	67.9M	-2.3	61.0	2.8	45.2M	-2.8	35.3	-3.7	57.3	-3
FARMVILLE	46.6	11.8	39.3	5.0	41.5	-2.1	52.0	-6	62.8	-8	68.0M	-1	70.3	-1.5	69.1	-1.8	63.2	-1.9	57.7	2.7	41.5	-1.7	31.2	-4.4	53.6	-3
FLOYD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FORT LEE	-	-	38.0M	1.0	41.5	-5.2	52.3	-2.8	64.6	-3	72.4	-1	75.2	-1.4	74.8	-3	66.7	-2.6	60.1M	2.2	45.8M	-1.6	33.3M	-4.6	-	-
FREDERICKSBURG	44.9	-	35.9	-	38.5	-	49.6	-	62.9	-	69.7	-	72.7	-	71.5	-	62.9	-	55.9	-	42.9	-	31.3	-	53.2	-
FRONT ROYAL CAA AP	46.5	10.3	39.9	4.0	40.9	-3.4	54.6	-4	65.8	1.8	71.0	-9	72.4	-1.6	71.5	-1.9	65.9	-1.5	61.4	5.1	43.8	-8	34.6	-1.3	55.7	-9
GLEN LYN	46.2	-	36.2	-	40.2	-	50.7	-	63.2	-	70.0	-	72.9	-	72.4	-	65.2	-	57.7	-	43.3	-	32.4	-	54.2	-
GORDONSVILLE CAA AP	49.3	-	42.7	-	45.8	-	56.6	-	67.3	-	73.9	-	76.0	-	75.3	-	68.8	-	62.1	-	46.6	-	35.9	-	58.4	-
HALIFAX	53.3	12.0	45.0	4.1	48.4	-1.4	57.2	-5	65.8	-1.5	74.2	-1.1	76.7	-4	74.8	-1.4	70.2	-3.6	62.7	2.2	48.9	-1.8	37.9	-3.9	59.6	-8
HOLLAND 1 E	52.4	12.5	43.8	2.4	48.2	-1.6	57.7	-2	68.9	-1.4	74.9	-8	76.8	-1.3	76.5	-8	71.6	-4	62.3	2.4	50.2	-6	38.6	-2.4	59.9	-8
HOPEWELL	43.2	11.5	34.8	2.2	36.4	-5.3	47.2	-2.6	60.9	1.0	65.9	-8	68.1	-1.4	66.9	-1.4	60.9	-1.8	54.8	2.6	40.4M	-1.0	-	-	-	-
HOT SPRINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUDDLESTON	52.9	12.4	43.4	2.4	46.9	-9	55.1	-9	65.1	-9	74.9	-6	78.6	-2	76.7	-7	71.9	-0	65.3	4.0	50.6	-2	-	-	-	-
LANGLEY AIR FORCE BASE	-	-	-	-	-	-	-																			

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA
1950

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	
ABINGDON	6.98	-	5.20	-	4.65	-	1.49	-	8.88	-	7.21	-	5.02	-	3.22	-	2.56	-	8.86	-	2.32	-	2.81	-	51.20	-	
APTON BOXWOOD GARDENS	1.89	-	2.36	-	1.18	-	1.94	-	2.32	-	8.93	-	3.08	-	2.43	-	1.98	-	7.82	-	6.36	-	1.25	-	9.59	-	
ALEXANDRIA POTOMAC YDS	1.63	-	2.25	-	3.89	-	1.58	-	5.31	-	3.65	-	4.42	-	4.20	-	5.05	-	2.65	-	2.33	-	3.02	-	39.98	-	
ALTAVISTA	2.35	-	1.86	-	2.48	-	2.06	-	4.49	-	3.52	-	5.01	-	3.71	-	5.95	-	2.08	-	1.92	-	4.24	-	39.65	-	
AMISSVILLE	1.46	-	2.51	-	2.70	-	1.19	-	5.58	-	3.73	-	3.62	-	3.18	-	7.30	-	2.92	-	2.56	-	3.80	-	40.55	-	
ANNANDALE	-	-	-	-	4.84	-	2.99	-	5.62	-	3.69	-	-	-	5.62	-	6.79	-	4.31	-	3.10	-	3.46	-	-	-	
APPOMATTOX	2.70	-	2.53	-	3.23	-	2.27	-	4.10	-	3.43	-	-	-	2.64	-	8.51	-	1.90	-	1.31	-	3.70	-	42.38	-	
ASHLAND	3.60	-	1.86	-	1.01	-	1.48	-	2.74	-	2.83	-	5.92	-	2.07	-	6.5	-	3.49	-	8.74	-	4.02	-	1.59	-	
AUGUSTA CROSS ROADS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.60	-	6.22	-	2.81	-	3.09	-	-	-	
BAILEYS SPRINGS 2 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.16	-	3.58	-	2.39	-	3.61	-	-	-	
BALCONY FALLS	-	-	-	-	1.10	-	2.77	-	1.2	-	2.73	-	1.82	-	1.23	-	2.14	-	5.30	-	2.76	-	1.00	-	4.96	-	
BARCROFT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BARCROFT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BEEDON	2.35	-	1.82	-	2.88	-	1.41	-	3.73	-	1.04	-	1.89	-	1.26	-	9.14	-	5.27	-	3.73	-	5.5	-	6.91	-	
BERRYVILLE	2.37	-	1.89	-	2.00	-	.79	-	5.21	-	3.43	-	-	-	4.45	-	1.72	-	1.67	-	1.92	-	1.62	-	1.49	-	
BIG KNOB	R 7.72	3.80	5.39	1.74	3.79	.05	.78	-	2.08	-	7.29	4.62	4.99	2.40	6.41	1.67	4.96	1.62	1.49	-	1.17	-	1.12	-	1.09	-	
BIG MEADOWS	2.57	-	2.28	-	5.1	-	1.64	-	2.32	-	6.89	2.74	2.79	-	1.46	-	4.71	-	7.6	-	-	-	6.01	1.26	4.60	-	
BLACKSBURG	2.98	-	2.18	-	.80	-	3.12	-	2.95	-	1.78	-	1.41	-	5.25	3.57	3.47	-	1.11	-	7.08	1.88	-	-	2.03	-	
BLACKSTONE CAA AP	2.37	-	1.50	-	3.53	-	1.46	-	8.66	-	3.64	-	-	-	7.02	-	1.43	-	3.86	-	2.26	-	1.84	-	3.14	-	
BOWLING GREEN	-	-	-	-	-	-	2.61	-	4.28	-	.60	-	-	-	6.41	-	3.71	-	7.71	-	2.08	-	1.38	-	2.62	-	
BREMO BLUFF	2.24	-	2.43	-	3.27	-	.77	-	5.64	-	1.04	-	-	-	5.47	-	5.84	-	-	-	1.25	-	2.92	-	-	-	
BRISTOL	7.62	4.69	2.35	-	2.3	-	4.38	1.6	1.77	-	1.19	8.25	4.84	6.55	2.29	4.31	-	7.9	-	-	-	2.58	1.10	2.12	-		
BRISTOL NEAR	7.39	-	5.14	-	5.44	-	1.78	-	8.63	-	5.12	-	-	-	3.86	-	4.04	-	2.05	-	.93	-	2.39	-	2.42	-	
BROOKNEAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BROOKNEAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BUCHANAN	2.19	-	1.46	-	3.00	-	2.8	-	3.05	-	.37	2.24	-	.96	7.05	3.59	5.67	1.33	7.44	3.08	4.80	-	.01	9.10	5.95	1.18	-
BUCKINGHAM 1 E	-	-	-	-	-	-	1.30	-	6.85	-	1.71	-	-	-	7.59	-	3.65	-	3.91	-	2.43	-	1.90	-	4.06	-	
BUGGS ISLAND DAM	2.35	-	1.25	-	2.52	-	1.57	-	4.31	-	4.33	-	5.24	-	3.11	-	6.66	-	2.16	-	1.77	-	2.40	-	37.67	-	
BURKES GARDEN	4.19	-	.51	-	.37	-	4.56	1.07	7.3	-	2.87	6.25	2.12	-	5.81	1.19	2.69	-	1.73	2.85	-	.48	5.7	-	2.38	-	
BYLESBY	2.55	-	1.81	-	2.54	-	.79	-	7.42	-	5.26	-	-	-	10.26	-	2.89	-	2.59	-	1.05	-	2.80	-	3.32	-	
CAMP LEE	2.28	-	1.40	-	2.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAPE HENRY WB CITY	R 1.76	-	1.39	-	2.32	-	2.00	-	1.87	1.86	-	1.44	2.22	-	1.35	1.98	-	1.97	10.19	4.89	2.85	-	2.01	3.99	1.13	1.46	-
CAPRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAPRON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARDINAL	2.42	-	1.71	-	2.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CATANWA SANATORIUM	2.18	-	7.6	-	.70	-	1.71	-	1.78	2.34	-	.70	7.19	3.72	2.86	-	1.89	6.12	1.71	2.27	-	2.48	5.97	2.51	1.39	-	
CHAMTILLY	2.01	-	3.09	-	4.15	-	1.04	-	4.95	-	4.56	-	-	-	4.31	-	2.43	-	6.97	-	3.64	-	2.99	-	3.47	-	
CHARLOTTE COURT HOUSE	2.40	-	1.69	-	3.71	-	-	-	7.81	-	3.38	-	-	-	9.29	-	3.35	-	8.47	-	2.90	-	1.47	-	3.38	-	
CHARLOTTESVILLE 2 W	-	-	2.81	-	.01	-	3.04	1.43	1.39	-	2.13	5.55	1.59	2.12	-	3.17	5.64	1.31	1.19	-	3.93	10.57	7.35	3.31	-	3.2	
CHARLOTTESVILLE 1 W /R	1.93	-	2.56	-	2.92	-	1.44	-	6.69	-	1.39	-	5.10	-	1.12	-	9.57	-	3.07	-	1.41	-	4.34	-	41.54	-	
CHASE CITY	2.89	-	1.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHATHAM 2 NE	2.87	-	1.61	-	1.30	-	2.84	1.91	1.56	-	1.79	6.01	2.21	2.28	-	1.49	2.74	-	1.49	2.92	-	1.23	8.35	4.93	2.68	-	
CHATHAM SCS	R 2.81	-	1.80	-	2.54	-	1.09	-	6.27	-	1.78	-	-	-	2.84	-	2.30	-	7.55	-	2.70	-	3.11	-	40.27	-	
CHERRITON	2.56	-	1.07	-	-	-	3.43	1.15	1.53	-	2.01	4.23	1.16	.80	-	2.63	5.85	.79	4.28	-	2.21	2.05	-	2.38	4.2	-	
CHINCOTEAGUE	R 1.61	-	-	-	-	-	1.82	-	1.88	-	1.51	-	5.48	-	1.59	-	3.10	-	.77	-	2.02	-	2.82	-	-	-	
CHURCHVILLE	R 2.38	-	2.23	-	3.00	-	1.86	-	5.70	-	2.25	-	2.08	-	2.16	-	5.38	-	1.00	-	2.99	-	3.25	-	33.88	-	
CLARENDON LYON PARK	-	-	-	-	-	-	2.38	-	.98	-	1.84	-	3.68	-	.01	5.83	1.92	5.88	1.21	5.09	1.77	9.92	-	2.03	3.93	1.07	
CLARKSVILLE	2.76	-	.53	-	1.85	-	1.72	3.22	1.44	1.71	-	1.69	4.41	5.4	6.48	2.25	6.88	1.48	3.44	-	1.19	4.70	1.62	3.17	3.36	1.33	
CLEVELAND	6.41	-	4.25	-	3.80	-	1.41	-	9.56	-	4.56	-	4.64	-	3.47	-	4.11	-	1.66	-	3.06	-	3.01	-	49.94	-	
CLIFTON FORGE	2.53	-	.51	-	2.10	-	1.67	1.26	1.36	5.93	2.35	2.83	-	.52	5.97	1.21	3.12	-	.88	8.98	6.22	7.3	-	2.54	2.15	-	
CLINTONPORT	9.59	5.15	6.04	2.01	4.36	1.63	1.79	2.05	7.46	3.39	6.86	2.30	5.97	1.00	4.61	1.69	1.66	1.47	1.27	3.71	79	2.83	-	1.79	-		
COLUMBIA	2.14	-	1.21	-	2.35	-	3.18	1.41	1.09	-	2.38	7.09	3.47	1.56	-	2.38	5.28	1.02	3.73	1.80	7.39	4.42	2.23	-	1.06	1.29	
CONCORD 5 S	-	-	-	-	-	-																					

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA
1990

Table 2-Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
JONESVILLE 2 SSK	9.09	-	5.98	-	4.72	-	1.71	-	8.12	-	4.51	-	6.02	-	6.44	-	1.53	-	1.36	-	3.60	-	3.06	-	56.14	-
JORDAN MINES	2.95	-	2.56	-	2.34	-	1.99	-	6.18	-	2.34	-	5.80	-	1.27	-	4.62	-	1.32	-	2.48	-	3.25	-	36.10	-
KERRS CREEK	2.07	-	2.47	-	2.94	-	1.00	-	4.30	-	2.21	-	3.30	-	2.44	-	12.71	-	7.79	-	2.54	-	4.62	-	41.39	-
LANGLEY AIR FORCE BASE	2.39	-	1.99	-	1.35	-	3.11	-	2.01	-	2.21	-	2.22	-	9.40	-	5.29	-	2.16	-	1.75	-	3.70	-	-	-
LAWRENCEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.80	-	3.30	-	1.40	-	3.70	-	-	-
LEE EXP FOREST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.49	-	5.15	-	-	-	1.58	-	-	-	-	-
LEESBURG	2.51	-	3.97	-	2.79	-	1.18	-	4.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEXINGTON	2.49	-	50	-	2.76	-	67	-	1.22	-	1.72	-	6.03	-	2.71	-	1.56	-	5.87	-	1.98	-	2.84	-	39.81	-
LINCOLN	2.55	-	45	-	3.32	-	71	-	4.09	-	1.01	-	1.08	-	2.23	-	5.30	-	1.70	-	4.48	-	4.02	-	5.29	-
LOUISA	2.20	-	92	-	2.83	-	19	-	3.91	-	53	-	1.53	-	1.61	-	4.78	-	3.46	-	1.8	-	1.50	-	39.60	-
LOVES MILL	7.06	-	4.91	-	4.17	-	1.39	-	10.13	-	6.15	-	5.58	-	3.54	-	2.54	-	90	-	2.13	-	3.60	-	52.10	-
LURAY	1.90	-	2.07	-	3.09	-	53	-	3.96	-	2.75	-	4.45	-	4.10	-	3.75	-	2.30	-	4.52	-	6.82	-	40.24	-
LYNCHBURG TTR ST BRG	2.65	-	3.08	-	3.51	-	1.93	-	3.92	-	2.74	-	7.68	-	3.02	-	5.81	-	1.97	-	1.74	-	4.37	-	5.87	-
LYNCHBURG WB AIRPORT	2.69	-	74	-	2.12	-	1.03	-	3.63	-	2.23	-	72	-	4.36	-	73	-	2.88	-	91	-	7.62	-	3.71	-
MANASSAS 4 S	1.32	-	1.80	-	2.58	-	4.11	-	1.05	-	2.23	-	4.36	-	3.02	-	1.90	-	5.25	-	2.67	-	6.27	-	2.96	-
MANASSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARION	6.14	-	3.92	-	4.29	-	1.10	-	9.29	-	3.48	-	6.49	-	5.14	-	3.39	-	96	-	2.79	-	3.30	-	50.29	-
MARSHALL	1.71	-	2.59	-	3.54	-	73	-	6.59	-	4.98	-	5.50	-	2.62	-	5.22	-	2.69	-	4.22	-	4.90	-	45.29	-
MARTINSVILLE FILT PL	2.74	-	1.40	-	2.15	-	1.34	-	3.02	-	1.31	-	2.29	-	7.96	-	4.25	-	5.5	-	1.30	-	3.36	-	2.54	-
MATHEWS 1 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC GAHEYSVILLE 3 S	2.17	-	1.93	-	2.30	-	1.54	-	5.23	-	1.76	-	3.21	-	2.35	-	7.09	-	1.46	-	2.94	-	5.00	-	36.98	-
MEADOWS OF DAN 5 SW	7.81	-	3.62	-	5.09	-	1.41	-	4.56	-	0.51	-	1.16	-	4.52	-	1.1	-	3.21	-	1.86	-	2.77	-	60	-
MENDOTA	2.32	-	3.50	-	2.68	-	2.37	-	7.54	-	5.25	-	8.23	-	5.40	-	8.85	-	1.47	-	2.27	-	5.12	-	55.00	-
MONS	2.66	-	98	-	3.15	-	39	-	3.43	-	23	-	1.24	-	2.53	-	6.92	-	1.56	-	4.7	-	5.97	-	3.22	-
MONTEBELLO	2.65	-	2.86	-	4.35	-	1.63	-	6.98	-	3.17	-	6.73	-	3.73	-	8.38	-	1.68	-	3.34	-	8.73	-	54.23	-
MONTEBELLO FISH NURSERY	3.35	-	2.81	-	1.10	-	1.54	-	1.79	-	4.22	-	22	-	3.68	-	1.14	-	9.33	-	6.69	-	1.59	-	1.63	-
MONTEREY	1.83	-	54	-	2.19	-	54	-	2.28	-	0.3	-	1.15	-	1.01	-	4.60	-	6.39	-	4.3	-	1.52	-	1.94	-
MOORES CREEK DAM	2.10	-	86	-	3.55	-	70	-	1.05	-	2.59	-	4.77	-	51	-	2.19	-	10.59	-	5.29	-	3.73	-	1.99	-
MOUNT JACKSON	2.02	-	3.10	-	3.31	-	1.24	-	4.33	-	1.71	-	6.57	-	3.12	-	10.82	-	1.07	-	1.75	-	5.69	-	44.73	-
MOUNT WEATHER	2.25	-	1.30	-	2.64	-	3.31	-	4.7	-	1.03	-	2.29	-	6.61	-	1.68	-	6.62	-	3.59	-	2.88	-	1.31	-
NATURAL BRIDGE STATION	1.89	-	81	-	2.29	-	2.4	-	1.89	-	92	-	1.83	-	4.44	-	5.09	-	5.88	-	6.07	-	7.30	-	40.56	-
NEW CANTON	2.00	-	-	-	2.91	-	79	-	7.68	-	5.09	-	5.88	-	6.07	-	7.30	-	1.35	-	3.25	-	2.71	-	-	-
NEW CASTLE	2.55	-	1.52	-	2.89	-	2.34	-	2.90	-	2.19	-	10.59	-	5.29	-	3.73	-	1.99	-	1.86	-	2.71	-	-	-
NEWPORT	2.12	-	98	-	1.86	-	2.36	-	2.59	-	1.18	-	3.17	-	2.81	-	1.41	-	12.83	-	7.08	-	5.55	-	33	-
NEWPORT NEWS	2.11	-	99	-	2.09	-	2.13	-	2.79	-	98	-	3.55	-	2.37	-	1.54	-	3.07	-	1.15	-	10.79	-	5.04	-
NORFOLK WB AIRPORT	7.30	-	5.71	-	4.90	-	1.69	-	8.46	-	7.13	-	4.26	-	4.54	-	3.01	-	12.10	-	8.81	-	2.00	-	1.26	-
NORFOLK WB CITY	2.47	-	37	-	2.64	-	34	-	4.43	-	22	-	5.59	-	1.69	-	2.54	-	3.02	-	2.51	-	4.64	-	47	-
NORTH BRISTOL SUBSTA	10.34	-	5.35	-	4.74	-	2.22	-	6.75	-	6.30	-	4.27	-	3.70	-	3.19	-	2.19	-	4.25	-	3.03	-	57.03	-
NORTH RIVER DAM	2.13	-	90	-	2.04	-	1.62	-	2.3	-	26	-	1.81	-	3.02	-	20	-	1.17	-	2.17	-	6.74	-	2.46	-
OLINGER	1.31	-	1.72	-	4.21	-	1.61	-	6.64	-	3.45	-	2.47	-	2.14	-	1.27	-	3.49	-	3.85	-	75	-	2.16	-
ONLEY 1 S	2.30	-	67	-	3.65	-	84	-	3.16	-	0.8	-	1.07	-	3.24	-	4.41	-	1.79	-	4.94	-	40	-	3.68	-
ORANGE 1 SW	9.77	-	4.50	-	5.49	-	67	-	5.51	-	1.1	-	2.11	-	5.91	-	39	-	5.47	-	1.00	-	3.97	-	4.71	-
PEDLAR DAM	2.34	-	2.66	-	3.23	-	-	-	-	-	5.59	-	3.40	-	3.40	-	-	-	9.59	-	4.12	-	1.28	-	-	-
PENNINGTON GAP 1 W	2.22	-	2.61	-	2.60	-	1.58	-	4.91	-	2.11	-	2.83	-	1.33	-	6.61	-	2.50	-	1.84	-	3.90	-	35.04	-
PHILPOT DAM	3.29	-	1.82	-	2.41	-	1.97	-	6.10	-	3.69	-	7.50	-	2.86	-	2.61	-	2.27	-	2.41	-	3.89	-	39.82	-
PIEDMONT FIELD STATION	1.82	-	2.76	-	1.73	-	1.61	-	8.18	-	3.59	-	7.96	-	3.16	-	5.13	-	94	-	2.41	-	-	-	-	-
PILOT	2.66	-	1.81	-	2.42	-	66	-	7.21	-	3.06	-	7.29	-	3.79	-	2.35	-	1.09	-	1.57	-	3.00	-	-	-
POOR MOUNTAIN	3.03	-	1.99	-	2.52	-	1.32	-	6.34	-	2.87	-	5.97	-	6.37	-	1.88	-	1.02	-	1.80	-	2.52	-	37.63	-
PULASKI CAA AP	2.10	-	98	-	2.25	-	39	-	4.42	-	1.10	-	2.24	-	3.71	-	58	-	1.51	-	2.31	-	4.21	-	24	-
QUANTICO 1 S	2.55	-	2.40	-	2.1	-	52	-	1.50	-	1.18	-	6.98	-	3.81	-	2.91	-	56	-	5.25	-	94	-	3.48	-
RADFORD	2.65	-	1.12	-	1.43	-	1.75	-	3.43	-	27	-	2.87	-	2.65	-	4.42	-	5.6	-	4.66	-	10	-	2.15	-
RANDOLPH	2.46	-	2.59	-	3.40	-	2.21	-	4.95	-	3.72	-	3.62	-	2.39	-	7.70	-	2.48	-	1.92					

TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA
1950

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ALEXANDRIA POTOMAC YDS	97	6-25	10	2-26	4-14 (24°)	4-14 (24°)	4-16 (32°)	11-12 (32°)	11-13 (28°)	11-26 (16°)	226	213	210
ANNANDALE	-	-	7	3-3	4-15 (24°)	4-16 (26°)	4-22 (31°)	10-27 (31°)	11-6 (28°)	11-13 (23°)	212	211	188
ASHLAND	99	6-27	-	-	4-14 (24°)	4-15 (28°)	4-17 (29°)	10-27 (32°)	11-12 (26°)	11-13 (21°)	213	211	193
BAILEYS CROSS ROADS	-	-	-	-	-	-	-	10-27 (31°)	11-6 (28°)	11-13 (22°)	-	-	-
BALCONY FALLS	97	6-28	5	3-9	4-16 (24°)	4-17 (28°)	4-22 (30°)	11-5 (32°)	11-6 (28°)	11-12 (24°)	210	203	197
BEDFORD	94	6-25+	8	11-26	4-15 (22°)	4-22 (25°)	4-22 (25°)	10-27 (32°)	11-6 (25°)	11-12 (23°)	211	198	188
BIG MEADOWS	-	-	2	12-27	4-16 (23°)	4-22 (26°)	5-8 (29°)	9-25 (29°)	11-5 (28°)	11-11 (22°)	209	197	140
BLACKSBURG	-	-	-	-	4-15 (19°)	4-22 (26°)	4-22 (26°)	11-5 (30°)	11-6 (25°)	11-12 (11°)	211	196	197
BLACKSTONE CAA AP	96	6-27	13	12-19	3-19 (23°)	4-15 (28°)	4-16 (31°)	11-6 (29°)	11-12 (25°)	11-25 (14°)	251	211	204
BOWLING GREEN	95	6-27	-	-	4-14 (23°)	4-14 (23°)	4-15 (31°)	11-6 (31°)	11-12 (26°)	11-25 (23°)	225	212	205
BRISTOL	-	-	4	11-25	4-7 (24°)	4-16 (27°)	4-22 (32°)	-	-	-	-	-	-
BUCHANAN	94	6-26+	9	11-26+	4-16 (20°)	4-22 (27°)	4-22 (27°)	11-6 (25°)	11-6 (25°)	11-12 (20°)	210	198	198
BUGGS ISLAND DAM	98	6-28+	14	11-26+	3-17 (22°)	4-15 (27°)	4-17 (32°)	11-6 (26°)	11-6 (26°)	11-13 (23°)	241	205	203
BURKES GARDEN	83	5-5+	3	11-25	4-17 (19°)	4-22 (27°)	4-22 (27°)	9-25 (30°)	9-26 (27°)	11-11 (23°)	208	157	156
CAPE HENRY WB CITY	96	5-6+	20	11-26	3-3 (24°)	3-4 (26°)	4-14 (32°)	11-22 (32°)	11-25 (22°)	11-25 (22°)	267	266	222
CATAWBA SANATORIUM	89	5-6	5	11-26	4-15 (20°)	4-15 (20°)	4-16 (29°)	11-6 (30°)	11-12 (20°)	11-12 (20°)	211	211	204
CHANTILLY	92	6-24+	7	3-3	4-16 (22°)	4-16 (22°)	4-22 (28°)	10-27 (28°)	10-27 (28°)	11-13 (19°)	211	194	188
CHARLOTTE COURT HOUSE	-	-	-	-	4-14 (24°)	4-15 (25°)	4-15 (25°)	11-6 (28°)	11-6 (28°)	11-13 (23°)	213	205	205
CHARLOTTESVILLE 2 W	94	7-4+	10	11-26	4-14 (21°)	4-15 (27°)	4-15 (27°)	11-12 (26°)	11-12 (26°)	11-26 (10°)	226	211	211
CHATHAM 2 NE	95	6-28	12	11-26+	4-16 (24°)	4-16 (24°)	4-17 (32°)	11-6 (28°)	11-6 (28°)	11-12 (23°)	210	204	203
CHERITON	-	-	-	-	3-4 (24°)	3-20 (28°)	-	-	-	-	-	-	-
CLARKSVILLE	98	6-28	12	12-19	4-16 (24°)	4-17 (28°)	4-22 (31°)	11-6 (28°)	11-6 (28°)	11-13 (22°)	211	203	198
COLUMBIA	98	6-26	11	12-19	4-15 (24°)	4-17 (27°)	4-22 (30°)	10-27 (32°)	11-6 (27°)	11-12 (22°)	211	203	188
CROZET 2 N	98	6-27	11	3-3+	4-14 (22°)	4-14 (22°)	4-16 (29°)	10-27 (32°)	11-12 (23°)	11-12 (23°)	212	212	194
CULPEPER	98	6-27	6	12-27	4-16 (24°)	4-17 (27°)	4-17 (27°)	10-27 (30°)	11-6 (25°)	11-12 (24°)	210	203	193
DAHLGREN PROVING GND	96	6-24	16	2-27+	3-17 (22°)	4-14 (26°)	4-16 (29°)	11-12 (31°)	11-13 (28°)	11-25 (18°)	253	213	210
DALE ENTERPRISE	91	6-24	6	12-13	4-16 (19°)	4-22 (28°)	4-22 (28°)	10-27 (31°)	11-6 (27°)	11-12 (19°)	210	198	188
DANTE	90	5-6+	-	-	4-16 (23°)	4-22 (28°)	4-22 (28°)	10-13 (32°)	11-6 (27°)	11-12 (20°)	210	198	174
DANVILLE	97	7-20+	11	12-19	3-5 (22°)	4-16 (25°)	4-17 (32°)	11-6 (28°)	11-6 (28°)	11-13 (22°)	253	204	203
DANVILLE CAA AP	96	6-27	11	12-19	3-17 (24°)	4-16 (27°)	4-16 (27°)	11-6 (29°)	11-12 (27°)	11-13 (24°)	241	210	204
DIAMOND SPRINGS	97	6-24	17	11-26	3-4 (22°)	3-4 (22°)	3-20 (30°)	11-14 (31°)	11-22 (28°)	11-25 (24°)	266	263	239
ELWOOD 7 S	98	6-27	5	3-3	4-14 (22°)	4-17 (26°)	5-9 (31°)	10-14 (32°)	10-27 (28°)	11-6 (23°)	206	193	158
EMORY	89	6-26	2	11-26	-	-	-	11-5 (32°)	11-6 (24°)	11-6 (24°)	-	-	-
EPISCOPAL HIGH SCHOOL	94	6-24	11	3-3+	4-14 (22°)	4-14 (22°)	4-16 (30°)	11-12 (29°)	11-13 (28°)	11-22 (23°)	222	213	210
FALLS CHURCH	94	6-24	9	3-3	4-14 (22°)	4-16 (26°)	4-22 (32°)	11-6 (30°)	11-13 (24°)	11-13 (24°)	213	211	198
FARMVILLE	96	6-27	8	12-19	4-17 (24°)	4-22 (27°)	4-22 (27°)	10-27 (31°)	11-6 (25°)	11-12 (19°)	209	198	188
FLOYD	-	-	2	11-25	4-14 (15°)	4-16 (28°)	4-21 (30°)	9-25 (32°)	11-11 (27°)	11-12 (15°)	212	209	157
FORT LEE	97	6-27	-	-	-	4-14 (26°)	4-22 (31°)	11-5 (32°)	11-6 (28°)	11-13 (22°)	-	206	197
FREDERICKSBURG	97	6-25	6	2-27	4-16 (23°)	4-16 (23°)	5-9 (32°)	10-27 (31°)	11-6 (25°)	11-13 (21°)	211	204	171
FRONT ROYAL CAA AP	94	6-24	6	12-28	4-14 (20°)	4-16 (25°)	4-22 (29°)	10-6 (31°)	11-6 (27°)	11-11 (22°)	211	204	167
GLEN LYN	90	5-5+	6	11-25	4-7 (21°)	4-17 (27°)	4-22 (31°)	11-6 (26°)	11-6 (26°)	11-12 (19°)	219	203	198
GORDONSVILLE CAA AP	97	6-27	4	2-27	4-17 (24°)	4-17 (24°)	5-9 (32°)	10-14 (32°)	11-6 (23°)	11-6 (23°)	203	203	158
HALIFAX	96	9-3	9	12-19	4-7 (22°)	4-16 (26°)	4-22 (30°)	11-6 (27°)	11-6 (27°)	11-12 (24°)	219	204	198
HOLLAND 1 E	97	6-27	15	12-19	4-14 (24°)	4-16 (26°)	4-22 (29°)	11-6 (28°)	11-6 (28°)	11-26 (19°)	226	204	198
HOPEWELL	99	6-27	13	12-19	3-17 (24°)	4-14 (27°)	4-15 (30°)	11-6 (28°)	11-6 (28°)	11-13 (23°)	241	206	205
HOT SPRINGS	89	6-27	-	-	4-15 (18°)	4-22 (26°)	4-22 (26°)	10-26 (31°)	11-6 (25°)	11-12 (17°)	211	198	187
LANGLEY AIR FORCE BASE	97	6-24	-	-	3-3 (20°)	4-14 (28°)	4-14 (28°)	11-22 (32°)	11-25 (22°)	11-25 (22°)	267	225	222
LAWRENCEVILLE	-	-	-	-	-	-	-	11-6 (26°)	11-6 (26°)	11-13 (21°)	-	-	-
LEE EXPERIMENTAL FOREST	-	-	-	-	-	-	-	11-12 (24°)	11-12 (24°)	11-12 (24°)	-	-	-
LEXINGTON	90	5-6	11	11-26+	4-16 (23°)	4-16 (23°)	4-22 (29°)	11-6 (28°)	11-6 (28°)	11-12 (24°)	210	204	198
LINCOLN	95	6-26	7	12-28	4-16 (22°)	4-16 (22°)	4-22 (31°)	-	11-12 (25°)	11-13 (21°)	211	210	-
LOUISA	100	6-27	9	12-28	4-15 (20°)	4-16 (28°)	4-22 (31°)	10-27 (31°)	11-6 (28°)	11-12 (21°)	211	204	188
LURAY	93	6-24	6	12-13	4-16 (20°)	4-22 (27°)	5-21 (32°)	9-24 (32°)	11-6 (25°)	11-12 (17°)	210	198	126
LYNCHBURG WB AP	93	6-26	11	11-25	3-17 (21°)	4-16 (28°)	4-16 (28°)	11-6 (29°)	11-12 (27°)	11-25 (11°)	253	210	204
MANASSAS	-	-	-	-	-	-	-	10-27 (30°)	11-6 (28°)	11-12 (24°)	-	-	-
MARTINSVILLE FILTER PL	94	6-24+	5	11-27	4-17 (24°)	4-22 (25°)	4-22 (25°)	11-6 (24°)	11-6 (24°)	11-6 (24°)	203	198	198
MATTHEWS 1 SSW	-	-	-	-	-	-	-	11-6 (29°)	11-13 (27°)	11-22 (23°)	-	-	-
MONS	85	6-27	1	11-26	4-16 (23°)	4-21 (25°)	4-22 (31°)	11-5 (31°)	11-11 (26°)	11-12 (20°)	210	204	197
MONTEBELLO	85	5-6+	0	11-26	4-16 (21°)	4-16 (21°)	4-21 (30°)	11-5 (30°)	11-6 (28°)	11-12 (18°)	210	204	198
MONTEREY	88	6-27	0	11-26+	4-16 (23°)	4-22 (25°)	5-21 (32°)	9-24 (29°)	11-5 (28°)	11-6 (22°)	204	197	126
MOUNT JACKSON	93	6-24	4	3-3	4-16 (22°)	4-22 (28°)	4-22 (28°)	10-26 (32°)	11-6 (26°)	11-12 (19°)	210	198	157
MOUNT WEATHER	-	-	4	3-3+	4-16 (23°)	4-16 (23°)	4-16 (23°)	11-6 (32°)	11-12 (20°)	11-12 (20°)	210	210	204
NEW CANTON	86	6-27	7	12-21	4-16 (24°)	4-17 (25°)	4-22 (30°)	11-6 (24°)	11-6 (24°)	11-6 (24°)	204	203	198
NEWPORT NEWS	89	6-25	20	11-26+	3-4 (22°)	3-18 (28°)	4-14 (29°)	11-21 (30°)	11-25 (24°)	11-25 (24°)	266	252	221
NORFOLK WB AP	97	6-27	19	12-20	3-4 (22°)	3-4 (22°)	4-14 (30°)	11-15 (31°)	11-19 (29°)	11-25 (22°)	266	260	215
NORFOLK WB CITY	97	6-27	21	11-26	3-3 (23°)	3-3 (23°)	4-14 (30°)	11-25 (22°)	11-25 (22°)	11-25 (22°)	267	267	225
ONLEY 1 S	96	6-27	16	12-20	3-4 (21°)	4-1 (28°)	4-17 (32°)	11-6 (30°)	11-14 (28°)	11-26 (20°)	267	227	203
PENNINGTON GAP 1 W	90	6-27	3	11-25	4-14 (24°)	4-16 (25°)	4-22 (30°)	10-26 (32°)	11-6 (25°)	11-12 (20°)	212	204	187
PHILPOTT DAM	-	-	-	-	4-17 (20°)	4-24 (26°)	4-24 (26°)	-	-	-	-	-	-
PIEDMONT FIELD STATION	98	6-27	10	12-19	4-15 (22°)	4-16 (28°)	4-16 (28°)	11-6 (28°)	11-6 (28°)	11-22 (19°)	221	204	

TOTAL EVAPORATION AND WIND MOVEMENT

VIRGINIA
1950

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
HOLLAND 1 E	EVAP WIND					5.44B -	7.60 1735	8.39B 1302	5.81 -						

See reference notes following Station Index.

STATION INDEX

VIRGINIA
1950

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.	Refer to tables
							Temp.	Precip.	Evap.		
ABINGDON	0013	WASHINGTON	14 36 42	82 00 2000	9	2					2
AFON BOXWOOD GARDENS	0055	NELSON	34 38 02	78 50 1250	20	1					2
ALEXANDRIA POTOMAC YARDS	0097	ARLINGTON	38 38 49	77 03 20	13	1					2
ALTAVISTA	0166	CAMPBELL	35 37 06	78 18 503	5	2					2
AMISSVILLE	0193	RAPPAHANNOCK	33 38 41	78 01 550	7	2					2
ANNEANDALE	0216	FAIRFAX	29 38 49	77 12 310	4	1					2
APPOMATTOX	0243	APPOMATTOX	16 37 21	78 50 825	12	1					2
ASHLAND	0327	RAMOYER	9 37 46	77 28 220	38	1					2
AUGUSTA SPRINGS 2 SW	0357	AUGUSTA	6 38 05	78 21 1550	9	2					2
BAILLYS CROSS ROADS	0403	FAIRFAX	29 38 51	77 08 255	-1	1					2
BALCONY FALLS	0411	ROCKBRIDGE	16 37 38	79 27 725	3	1					2
BARROTT	0449	ARLINGTON	29 38 52	77 06 190	4	1					2
BEDFORD	0551	BEDFORD	27 37 20	79 32 950	22	1					2
BERRYVILLE	0670	CLARK	39 39 09	77 58 990	15	1					2
BIG KNOB	0712	SCOTT	14 36 40	82 30 3150	8	2					2
BIG MEADOWS	0720	MADISON	33 38 31	78 26 3535	15	1					2
BLACKSBURG	0765	MONTGOMERY	37 37 15	80 25 2170	58	1					2
BLACKSTONE CAA AIRPORT	0773	NOTTOWAY	25 37 04	77 57 440	5	1					2
BOWLING GREEN	0937	CAROLINE	19 38 03	77 21 225	1	1					2
BREMO BLUFF	0993	FLUVANNA	16 37 42	78 18 225	10	1					2
BRISTOL	1037	WASHINGTON	14 36 36	82 10 1998	17	1					2
BRISTOL, NR	1047	WASHINGTON	14 36 37	82 10 1920	2	1					2
BROOKFIELD	1062	CAMPBELL	35 37 03	78 57 500	1	1					2
BUCHANAN	1121	BOTETOURT	16 37 32	79 41 875	35	49					2
BUCKINGHAM 1 E	1136	BUCKINGHAM	39 37 33	78 32 500	15	1					2
BURNA VISTA	1159	ROCKBRIDGE	20 37 44	79 21 835	13	1					2
BUGGS ISLAND DAM	1180	MECKLENBURG	35 36 36	78 18 326	3	1					2
BURKES GARDEN	1209	FAZEWELL	23 37 06	81 20 3250	53	55					2
EVLASSY	1255	CARROLL	23 36 48	80 20 2075	7	1					2
CAMP LEE	1316	PRINCE GEORGE	1 37 14	77 20 60	5	5					2
CAPE HENRY WB CITY	1362	PRINCESS ANNE	2 36 56	76 00 18	76	76					2
CAPRON	1375	SOUTHWEST	25 36 44	77 15 50	10	10					2
CARDINAL	1383	MATHEWS	8 37 25	76 22 10	3	3					2
CATARA SANATORIUM	1471	ROANOKE	7 37 23	80 05 1900	39	3					2
CHARTWILL	1570	FAIRFAX	29 38 53	77 26 320	3	3					2
CHARLOTTE COURT HOUSE	1585	CHARLOTTE	35 37 03	78 38 560	4	4					2
CHARLOTTEVILLE 2 W	1598	ALBERMARLE	34 38 02	78 30 533	-	-					2
CHARLOTTEVILLE 1 W	1606	MECKLENBURG	35 36 48	78 28 540	3	3					2
CHASE CITY	1614	PITTSYLVANIA	3 36 50	79 22 700	27	27					2
CHATHAM 2 NE	1619	PITTSYLVANIA	3 36 45	79 25 852	2	2					2
CHATHAM SCS	1630	NORTHAMPTON	2 37 17	75 58 11	14	23					2
CHERTON	1636	WISCONSIN	2 37 17	75 58 11	14	23					2
CHINCOTHAUSE	1682	ACCOMAC	36 38 14	79 10 1475	9	9					2
CHURCHVILLE	1729	ARLINGTON	29 38 54	77 05 225	23	23					2
CLARENDON LYON PARK	1746	MECKLENBURG	35 36 38	78 24 286	31	59					2
CLARKSVILLE	1776	RUSSELL	10 36 57	82 08 1540	17	17					2
CLEVELAND	1801	ALLEGHANY	10 36 40	82 45 1260	55	55					2
CLIFTON FORGE	1816	SCOTT	16 37 46	78 09 300	48	52					2
CUMMINGS	1929	FLUVANNA	16 37 46	78 09 300	48	52					2
CONCORD 5 S	1955	CAMPBELL	35 37 17	78 58 650	1	1					2
COOTES STORE	1986	ROCKINGHAM	38 38 38	78 51 1050	8	8					2
COPPER HILL	1999	FLOYD	23 37 05	80 08 2800	10	10					2
COVINGTON	2041	ALLEGHANY	15 37 48	80 00 1245	10	10					2
CROZET 2 N	2138	ALBERMARLE	34 38 05	78 42 750	8	8					2
CULPEPER	2155	CULPEPER	32 38 29	77 59 475	41	43					2
DAHLGREN PROVING GROUNDS	2195	KING GEORGE	29 38 20	77 02 18	31	31					2
DALZ ENTERPRISE	2208	ROCKINGHAM	38 38 27	78 56 1350	68	70					2
DANASSUS	2216	WASHINGTON	14 36 38	81 48 1850	24	24					2
DART	2227	RUSSELL	10 36 59	82 18 1765	32	33					2
DANVILLE	2245	PITTSYLVANIA	13 36 36	79 23 580	33	60					2
DANVILLE CAA AIRPORT	2250	PITTSYLVANIA	13 36 34	79 23 580	33	60					2
DARWIN	2264	DICKINSON	12 37 05	82 30 1500	7	7					2
DAYENPORT	2268	BUCHANAN	37 37 07	82 06 1600	24	24					2
DEERFIELD 2 NE	2315	AUGUSTA	6 38 13	79 22 1900	9	9					2
DELAWARE 1 N	2325	FAUQUIER	29 38 55	77 56 500	9	9					2
DIAMOND SPRINGS	2344	PRINCESS ANNE	2 36 54	76 12 25	42	42					2
DRIVER 5 NE	2350	NANSEMOND	22 36 32	76 30 17	8	8					2
DUNBAR	2538	WISE	10 36 58	82 45 2000	16	16					2
DUNNANNO	2548	SCOTT	10 36 50	82 28 2500	16	16					2
ELKWOOD 7 S	2728	CULPEPER	33 38 26	77 46 314	10	10					2
EMORY	2782	WASHINGTON	14 36 48	81 51 2205	25	26					2
EMORIA 1 NW	2792	GREENVILLE	21 36 41	77 33 80	20	20					2
EPISCOPAL HIGH SCHOOL	2809	FAIRFAX	29 38 49	77 06 250	4	4					2
FAIRFAX	2890	FAIRFAX	29 38 51	77 18 440	2	2					2
FALLS CHURCH	2922	FAIRFAX	29 38 53	77 11 315	2	2					2
FARMVILLE	2941	PRINCE EDWARD	1 37 18	78 23 450	29	31					2
FELDALE	2983	HENRY	40 36 43	79 57 760	7	7					2
FLOYD	3071	FLOYD	23 36 55	80 18 2600	18	18					2
FLOYD NO 2	3072	FLOYD	23 36 55	80 18 2600	18	18					2
FOR LEE	3127	PRINCE GEORGE	1 37 14	77 20 60	5	5					2
FREDERICKSBURG	3192	SPOTSYLVANIA	33 38 18	77 28 100	57	59					2
FREDERICKSBURG EMBRY PLANT	3197	SPOTSYLVANIA	33 38 19	77 29 25	57	59					2
FRONT ROYAL CAA AIRPORT	3231	WARREN	39 39 00	78 41 677	12	12					2
GALAX	3267	GRAYSON	23 36 40	80 55 2400	9	9					2
GLEN LYN	3397	GILES	23 37 20	80 49 1524	18	37					2
GORDONVILLE CAA AIRPORT	3462	LOUISA	24 38 04	78 10 438	5	12					2
GOSHEN	3470	ROCKBRIDGE	6 37 59	79 30 1300	11	11					2
GROESKLOSE	3623	TYTIE	14 36 52	81 20 2590	8	8					2
GRUNDY	3640	BUCHANAN	17 37 18	82 06 1044	2	2					2
HALIFAX	3890	HALIFAX	3 36 46	78 57 425	3	20					2
HAYSI	3862	DICKINSON	37 37 13	82 18 1500	9	9					2
HIGH KNOB	3959	WISE	10 36 54	82 38 4150	15	15					2
HILLSVILLE	3994	CARROLL	23 36 48	80 44 2570	8	8					2
HOG ISLAND LITTLE MACHIPONGO	4031	NORTHAMPTON	2 37 28	75 41 5	9	9					2
HOLLAND 1 E	4044	NANSEMOND	4 36 41	76 47 80	18	18					2
HOLSTON	4058	WASHINGTON	14 36 50	82 03 3450	16	16					2
HONAKER	4078	RUSSELL	10 37 01	81 58 1950	16	16					2
HONAKER NEAR	4083	RUSSELL	10 37 03	82 02 2200	16	16					2
HOPWELL	4101	PRINCE GEORGE	16 37 18	77 18 40	58	63					2
HOT SPRINGS	4128	BATH	15 38 00	79 50 2195	57	59					2
HUDLESTON	4148	BEDFORD	35 37 10	79 29 985	1	1					2
HURLEY	4185	BUCHANAN	42 37 26	82 02 985	4	4					2
INDEPENDENCE	4229	GRAYSON	23 36 36	81 07 2530	10	10					2
INDIAN VALLEY	4246	FLOYD	23 36 54	80 34 2700	10	10					2
JEWELL RIDGE	4404	FAZEWELL	10 37 11	81 47 2750	16	16					2
JONESVILLE	4446	LEE	10 36 41	83 06 1525	16	16					2
JONESVILLE 2 SSE	4448	LEE	10 36 40	83 06 1375	4	4					2
JORDAN WINES	4452	ALLEGHANY	30 37 41	80 13 1550	9	9					2
KERRS CREEK	4455	ROCKBRIDGE	20 37 51	79 31 1400	9	9					2
LANGLEY AIR FORCE BASE	4708	LINCOLN	8 37 04	76 22 9	55	114					2
LAWRENCEVILLE	4768	BRUNSWICK	21 36 46	77 51 294	5	5					2
LEE EXPERIMENTAL FOREST	4802	BUCKINGHAM	39 37 32	78 33 500	9	9					2
LEESBURG	4817	LOUDOUN	29 39 07	77 34 321	5	5					2
LEXINGTON	4876	ROCKBRIDGE	20 37 47	79 26 1060	72	79					2
LINCOLN	4909	LOUDOUN	29 39 07	77 43 500	49	50					2
LOUISA	5050	LOUISA	14 36 01	78 00 437	35	35					2
LOVES MILL	5057	WASHINGTON	14 36 45	81 41 2060	16	16					2
LURAY	5086	PAGE	38 38 40	78 23 1120	9	9					2
LYNCHBURG 7TH ST BRIDGE	5115	CAMPBELL	16 37 25	79 09	-	-					2
LYNCHBURG WB AIRPORT	5120	CAMPBELL	16 37 20	79 12 947	79	79					2
MANASSAS	5213	PR. WILLIAM	26 38 45	77 28 312	3	34					2
MARION	5266	SMITH	14 36 51	81 31 2200	44	44					2
MARSHALL	5284	FAUQUIER	33 38 52	77 53 575	5	5					2
MARTINSVILLE FILTER PLANT	5300	HENRY	40 36 42	79 53 760	13	20					2
MATHEWS 1 SW	5338	MATHEWS	8 37 25	76 20 10	1	1					2
MC GAREYSVILLE 3 S	5423	ROCKINGHAM	38 38 21	78 44 1080	9	9					2
MEADOWS OF DAN 5 SW	5453	PATRICK	13 36 40	80 27 1500	1	1					

† 1-APPOMATTOX; 2-ATLANTIC; 3-BANNISTER; 4-BLACKWATER; 5-BULLPASTURE; 6-CALFPASTURE; 7-CATAWBA; 8-CHESAPEAKE; 9-CHICKABOMINY; 10-CLINCH; 11-CRAIG; 12-CRANESNEST; 13-DAN; 14-HOLSTON; 15-JACKSON; 16-JAMES; 17-LEVISA FORK; 18-LITTLE; 19-MATTAPONI; 20-MAURY; 21-MEHERRIN; 22-NANESMOND; 23-NEW; 24-NORTH ANNA; 25-NOTTOWAY; 26-OCOQUAN; 27-OTTER; 28-PEDLAR DAN; 29-POTOMAC; 30-POTTS; 31-POWELL; 32-RAPIDAN; 33-RAPPAHANNOCK; 34-RIVANNA; 35-ROANOKE; 36-ROCKFISH; 37-RUSSELL FORK; 38-SHERANDOAH; 39-SLATE; 40-SMITH; 41-SOUTH MAYO; 42-TUG FORK; 43-TYE.

CHANGE OF NAMES

† Augusta Springs 2 SW	Formerly Augusta Springs prior to September
† Buckingham 1 E	Formerly Buckingham prior to March
† Deerfield 2 NE	Formerly Deerfield prior to September
† Delaplane 1 N	Formerly Delaplane prior to May
† Fort Lee	Formerly Camp Lee prior to April
† Manassas	Formerly Manassas 4 S prior to June
† Spring Creek 2	Formerly Spring Creek prior to November
† Timberville 2 N	Formerly Timberville prior to September
† Wytheville	Formerly Wytheville Post Office Building prior to June

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured on the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by foot note following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state. Figures and letters following the station name, such as (2 SSW) indicates distance in miles and direction from the Post Office.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

-	No record.
+	Also later date (dates) or months.
*	Amount included in following measurement.
//	Gage is equipped with windshield.
B	Adjusted to full month.
E	Water equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	1 to 9 days' record missing; see monthly Climatological Data for detailed daily record.
R	Station equipped with a recording gage only.
T	Trace, an amount too small to measure.
V	Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. --- 5/3/51 --- 1025