U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

VIRGINIA

ANNUAL SUMMARY 1948

Volume LVIII No. 13



VIRGINIA - 1948

S. S. Schworm, Section Director - Richmond

GENERAL SUMMARY

The year averaged practically normal in temperature, but decidedly above normal in precipitation. It was the second wettest year on record, averaging 0.91 inch less than the record year of 1937. Only three months had less than normal precipitation, but only one of them was more than 0.50 inch deficient.

Chronologically the weather progressed in this fashion: JANUARY: The fifth coldest January of record; the lowest temperature (-14°) of the year occurred on the 25th at Timberville; snowfall was more than twice the usual amount. FEBRUARY: The driest month of the year, unusually cold weather until the 12th, followed by sudden thaw which caused great damage to many highways which had become cracked by much freezing and thawing weather during the earlier part of Winter; minor floods occurred in central and southern counties on the 13th-16th. MARCH: Mild, with moderately heavy precipitation. APRIL: Warmer and wetter than usual. MAY: Frequent brief cool spells; sixth wettest May of record; many damaging hail storms; a flash flood in the Chickahominy River tributaries in New Kent and Charles City Counties on 26th. JUNE: About normal in temperature and precipitation; many hail and wind storms. JULY: Near normal as to temperature and precipitation; warmest month of the year, many destructive hail, wind and electrical storms. AUGUST: Rainy, with temperature slightly below normal; the highest temperature (103°) of the year occurred at Lincoln on the 27th and Danville Airport on the 28th; the greatest 24-hour rainfall of the year occurred at Smithfield on the 22d, with 6.60 inches; damaging hail and wind storms occurred on three days; a minor flood occurred in the James River between Bremo Bluff and Richmond, the Rappahannock River overflowed above Fredericksburg and there was local flooding in Giles County on the 3-4th. SEPTEMBER: Slightly below normal in temperature and above normal in precipitation; some light frost occurred in Highland, Smyth and Washington Counties on the 26th. OCTOBER: Eighth coolest October on record; frosts occurred generally during period of 18th-23d, except in a few sections in the Tidewater sections; precipitation slightly above normal; snow fell in measurable amounts in some mountain areas on the 12th. NOVEMBER: Wettest and sixth warmest November of record; also wettest month of the year; snow fell in the upper Piedmont and upper Great Valley areas on 28-29th; a minor flood occurred in the James River at and below Bremo Bluff on the 28-29th. DECEMBER: Mild and very wet; fifth wettest December of record; snowfall slightly below normal; a White Christmas in most sections; a major flood occurred in the James below Lynchburg on the 3d-7th. At the same time the Roanoke River at Roanoke and Randolph, the Rapidan at Rapidan, the Rappahannock at Remington, the New at Pearisburg and the North Anna and the Mattaponi in their upper reaches also went out of their banks. At the close of the month the James was slightly above flood stage at and below Columbia.

The growing season for the State, based on the records for 89 stations, averaged 196 days, and ranged from 150 days at Big Meadows to 288 days at Cape Henry. In general, it was a fine year for crops. Except in a few south-central counties, corn exceeded all previous yields. It was an unusually good grazing season, with pastures continuing to furnish forage well into November. Apple and peach yields were normal or better, although a few varieties of apples were well below average quality. Dark-fired and burley tobacco made excellent yields, but the earlier flue-cured tobacco fell a little below normal. Cotton and peanuts yielded well. A poor drying season reduced the quality of peanuts. All truck crops did well, except for considerable blight in canning tomatoes. Green peppers, snap and lima beans were marketed in the Tidewater area until late in November.

ACKNOWLEDGMENTS

ACKNOWLES ACCOUNT ACCOUN

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 intendar larquirements 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.

	Janu	ary.	Febru	ual y	Ma	ICH	Apı	11	Ma	y	Jur	10	Jul	y	Aug	usı	Septe	mbei	Octo	201	Nove	mber	Decei	шыст		nual
Station	Тетр	Departure	Temp	Departure	Тетр	Departure	Тетр	Departure	Тепр	Departure	Тетр	Departure	Temp	Departure	Temp.	Departure	Temp.	Departure	Temp.	Departure	Тепр.	Departure	Тетр	Departure	Тетр	Denarture
LEXANDRIA POTOMAC YDS NNANDALE SHLAND ALCONY FALLS ARCROFT	31.0 27.1 30.4 31.0 27.6	-6.1 -	38.6 3.54 39.4 38.0M 34.6	2.1	50.2 47.6 50.6 48.1M	3.7	57.9 55.2 57.4 56.7M	1.7	66.4 62.5 65.0 63.9M 63.8	0.0	75.1 71.6 73.2 71.6 72.3	-0.9 -	79.0 75.8 79.2 75.5 76.2	2.5	76.2 73.3 - 72.6	11141	71.0 66.0 68.9M 64.8M		57.4M 54.2M 55.2 51.2M 53.8M	-2.7	53.2 49.3M 51.2 49.1 50.7M	4.2	41.9M 37.5 41.7 38.5M	3.7	58.2 54.7 - 55.1	
EDFORD IG MEADOWS LACKSBURG LACKSTONE AIRPORT RISTOL	32.6 21.6M 29.0 32.2 31.4	-4.9 -2.9	40.3 31.4 37.0 40.0 43.0	3.2 1.6 2.4 6.3	49.4 41.2M 46.0 50.8 52.6	3.4 4.5 3.1 5.5	58.8 49.8M 55.7 58.3 63.1	3.7 4.9 4.6 9.6	64.4 56.0M 60.4 66.4 66.2	1.9	72.6 64.3 69.4 74.5 73.0	-0.7 0.4 1.3 2.1	76.6 66.5 71.8 78.7 76.4	0.4 0.2 0.5	73.9 65.1 71.6 75.6 73.4	-0.8 -0.4 1.4 -	68.2 58.8 66.0 68.8 68.8	-0.9 -0.9 1.1 0.8	55.3 46.8 53.7 56.4 55.0	-2.9 -4.2 0.1 -0.4	50.3 43.1 48.9 53.5 51.0	2.8 3.9 6.1 - 6.2	41.2 32.4M 38.0 42.5 41.2	1.9 2.6 2.9 - 5.2	57.0 48.1 54.0 58.2 57.9	1
ICHANAN IGGS ISLAND DAM IRKES GARDEN AMP LEE APE HENRY APRON	31.4 24.6 31.6 35.7	-5.3 -7.6 -4.5	39.4 36.4 40.0 41.7	4.0 0.5	49.8 52.6 44.6 50.4 51.0	2.5 4.2 4.4	59.6 60.4M 53.5 57.6 57.0	5.4	63.8 67.7M 57.3 66.0 66.2	0.2	71.8 75.4M 64.3 73.8 74.6	-0.7 0.2 - 1.7	75.6 79.3M 68.2 77.6 79.0	1.0 1.5 2.6	73.5 76.4 65.9 75.2 76.4 75.5M	-1.1 -0.2 -0.5 0.2	67.5 69.6 60.7 68.0 71.8	0.1 0.0 1,2	54.1 56.1 48.4 55.5 59.5	-4.0 -1.8 -2.6	49.2 53.5 45.0 52.9 57.7	2.7 4.8 5.6	40.8 41.9 36.1 42.0 46.9	3.2	56.4 - 50.4 57.6 59.6	
ARDINAL ATAWBA SANATORIUM HANTILLY HARLOTTE COURT HOUSE HARLOTTESVILLE 2 W	31.0M 28.2 26.7 31.6M	-8.1	40.2 37.4 34.6 38.4M	-0.7	51.0 46.8 46.8 52.9M	1.6	57.1 56.3 53.8 61.2M	2.4	66.5 61.6 62.3 67.0M		73.7 68.8 71.4 74.2M	-0.9 -	78.2 72.6 75.4 77.9M	-0.1	75.2 70.8 72.7 75.3	-0.8	69.8 63.9 65.8 68.4M	-2.9	57.3 52.4 53.8 53.4M	-4.2	55.5 48.8 50.0 53.1	3.1	43.3M 38.8 37.8 41.4M	0.9	58.3 53.9 54.2 57.9	-
HASE CITY HATHAM HERITON LARKSVILLE	29.4 33.6 31.6 35.0M 32.0	-7.0 -7.7 -5.9 -5.5	39.2 41.7 40.3 42.0M 41.2	1.8 -1.3 -0.2 0.9	48.6 53.2 50.0 51.8M 51.5	3.2	58.4 61.1 59.2 58.2M 60.1	2.7 3.1 0.8 3.6	65.2 65.1 67.4M 67.2	1.1	73.4 72.7M 74.8M 74.4	-0.9 0.0	76.8 77.4M 80.0M 77.9	0.3	74.6 75.0 77.4 75.0	-0.5 -0.7 0.1 -1.2	67.7 67.4M 71.8M 67.0	-0.7 -3.4	55.5 55.2M 59.2M 53.3	-3.6 -5.0	50.3M 57.3M 50.6	2.3 2.8 3.4	40.8 41.0M 46.7M 40.9	1.5	56.7 57.1 60.2 57.6	-
DLUMBIA ROZET 2 N ULPEPER AHLGREN PROVING GROUND ALE ENTERPRISE	31.6 30.5 28.9 29.8 26.6	-5.4 -5.8 -6.7 -6.8	39.4 39.8 3.78 37.0 34.3	1.9 1.5 -0.7 -0.3	50.4 49.6 50.0 48.4 47.0	3.8 4.7 2.8 4.1	57.9 57.8 57.6 55.4 55.1	3.2 1.4 3.1	65.3 63.8 64.0 65.0 61.2	0.2 -0.1 1.4 -1.3	74.0 72.4 72.8 72.8 69.4	0.8 -0.3 -0.6	77.8 74.6 76.1 77.8 72.6	0.4 0.9 -1.2	74.8 72.4 73.4 75.6 70.0	-0.1 -0.5 0.4 -2.1	67.4 66.6 66.8 68.1 64.0	-1.5 -1.3 -1.8 -2.8	54.1 55.5 55.1 56.1 52.1	-3.2 -1.2 -1.8 -3.3	50.9 52.2 50.6 51.7 47.8	4.3 5.4 4.0 3.9	41.1 42.9 39.9 40.4 38.2	3.1 3.7 1.4 2.9	57.1 56.5 56.1 56.5 53.2	
ANTE ANVILLE AANVILLE AIRPORT LAMOND SPRINGS LEWOOD 7 S	34.3 34.0 36.4 28.1M	-5.9 -7.3 -7.0	41.4 40.9 43.0 37.4M	-1.3 -0.7 2.1	53.4 52.2 53.8 47.8M	3.4 3.5 3.1	62.0 60.6 59.0 56.21	3.9 1.2 0.6	67.4 67.1 67.5 63.4.	-0.1 1.2 -2.0	75.4 75.0 75.2 72.2	-0.6 1.1 -0.4	73.4 79.0 78.8 79.1 75.8M	1.3 -0.1 1.4 0.7	70.3 76.3 76.6 76.6 73.2	-1.0 -1.5 -0.4 -0.2	65.6 70.4 69.6 71.4 66.4M		50.5M 56.5 56.2 58.7 53.5	-4.2 -3.9 -3.7	46.1M 53.4M 53.0 58.7 49.7M	3.7 6.2 3.2	39.4M 43.1 43.0 46.0 38.8M	1.4 1.3 - 1.5 3.0	59.4 59.0 60.5 55.2	-
MORY PISCOPAL HIGH SCHOOL ARMVILLE LOYD REDERICKSBURG	30.4 29.3 32.4 29.3 29.4	-7.0 -5.9 -4.6 -7.1	40.8 37.1 40.8 38.2 38.0	2.7 2.1 4.2 1.0	49.2 49.2 51.6 47.5 48.8	3.9 4.0 2.1	58.4 56.4 59.2 57.7 57.4	6.0 3.7 5.2 2.3	62.8 64.4 65.0 62.4 65.4	1.4 -1.2 0.1 0.5	69.4 73.8 71.3M 69.2 74.4	0.2 -2.9 -0.5 1.9	72.8 77.0 78.0M 73.6 78.1	0.0 -0.2 1.8 1.5	70.6 74.3 74.3 70.9	-1.1 -2.1 0.0	65.2 68.5 67.9 64.4 69.3	-1.2 -2.3 -0.7 0.0	52.9M 55.8 55.6 51.6 55.4	-2.4 -2.6 -3.4 -2.5	48.3M 52.2 51.5 48.8 51.4	3.8 3.5 4.6 4.0	39.2M 40.1 42.1 38.8 39.4	2.2 - 3.1 3.2 1.5	55.0 56.5 57.5 54.3	.
RONT ROYAL AIRPORT LEN LYN DORDONSVILLE 6 S REENWAY DOWNS LLIFAX	26.0 27.4 27.8 26.0 33.6	-8.6 -	34.8 38.6 36.4 34.0 40.8	2.3	46.2 47.8 47.6 45.8 53.0	3:3	54.2 58.5 55.1 54.4 61.0	4.6	62.0 63.2 63.2 63.4 66.2	-1.4	70.8 70.2 72.4 71.8 74.0	-1.7	74.5 74.4 76.1 75.7 78.4	0.4	71.8 71.6 73.6 73.3 76.0	-1.8 - -	64.9 66.2 65.9 66.4 70.3	-1.2	52.1 52.3 52.7M 54.2 56.0	-4.0 - -	47.8 48.6 47.6 49.9 53.0	4.0	38.1 38.3 37.6 42.9	2.2	55.2 55.2 54.4 58.8	
OG IS LTL MACHIPONGO DILAND 1 E DPEWELL DT SPRINGS LNGLEY AIR FORCE BASE	35.0 34.4 24.8 34.4	-5.9 -5.5 -6.9 -6.1	43.0 42.0 33.0 41.7	2.7 1.2 0.4 0.7	53.6 54.6 43.9 53.0	4.1 5.5 2.2 5.2	58.6 61.3 54.0 58.4	1.3 3.8 4.2 2.4	66.7 68.4 58.6 67.6	-0.2 0.7 -1.3 1.6	73.2 74.4 76.0 66.6 75.4	-0.9 0.7 -0.1 1.1	77.8 77.8 80.0 69.1 80.0	0.7 1.0 -0.4 1.6	75.7M 75.2 77.1 68.2 77.2	-1.0 -0.2 -0.1 -0.2	69.2 70.2 64.3M 71.9	2.6 -1.6 1.6 0.0	57.0 58.1 48.5M 58.9M		56.8 56.2 47.2 56.4	6.1 6.6 5.8 6.0	45.4 44.7 35.7 45.2M	3.6 3.7 2.3 3.0	59.8 60.3 51.2 60.1	l
WRENCEVILLE EE EXP FOREST EXINGTON INCOLN DUISA	32.0 30.2 31.6 28.1 29.8	-2.8 -5.3 -5.8	39.4 36.3M 38.2	3.5 2.3 0.5	50.5 48.6 50.0 48.0 49.4	5.9 4.1 4.0	58.7 56.2 59.0 56.0 57.3	5.9 2.8 3.6	65.4 63.8 63.2 64.7 64.2	0.4 0.4 1.4	73.4 72.0 71.3 73.4 72.8	0.6 1.3 1.8	77.7 76.5 74.5 75.6M 76.4	-0.1 -1.1 1.3	73.6 72.2 74.7 73.6	-0.8 0.0 -0.2	66.9 68.2 66.0	0.1 -0.5 -2.1	54.4 55.5 54.0	-0.5 -1.8 -1.5	50.3 51.1 50.4	6.5 5.4 4.7	42.7 	5.7 3.6 2.6	56.2 55.9 56.0	
JRAY INCHBURG WB AIRPORT INASSAS 4 S ARTINSVILLE FILT PLANT INS	27.0 31.4 29.5 28.7M	-3.9 -9.9	35.6 39.2 37.8	0.9	48.0 49.6 - 47.8 45.7M	4.2 -0.9	55.8 58.0 - 58.4 55.2M	0.0	61.8 64.9 - 64.0 60.0M	-1.0 -3.0	69.6 72.8 72.0 69.2M	-0.3 -1.5	72.4 76.7 75.8	0.6 -0.3	69.4 74.1 73.4 73.2	-0.2 -2.5	64.8M 67.2 66.8M 65.8	-0.7	52.1 55.0 52.6M 51.9	-2.2 -7.0	50.5 50.8 50.3M 48.2 46.6M	0.5	38.1M 40.9 38.3M 38.9 37.0M	-0.1	53.8 56.7 55.3	-
ONTEBELLO ONTEBELLO FISH NURSERY ONTEREY OUNTAIN LAKE OUNT JACKSON	25.3 22.5 22.8 28.3	-4.1 -	34.8 31.6 32.6 35.0	4.6	43.4 42.3 41.1 47.2	4.3	53.0 - 51.4 50.6 55.5	3.1	58.0 - 56.0 55.5 61.7	-1.1	64.5	- - - -	69.6M 66.8 73.6		66.7 65.7 71.0	-	61.0M 59.0 64.8	11111	49.6 47.9 52.7	-	45.8 45.3 48.6	- - - -	36.8 35.2 38.1	-	50.9 49.5 53.9	ŀ
DUNT WEATHER TWO CANTON TWOORT NEWS DEFOLK WE AIRPORT DEFOLK WE CITY	22.0 36.2 34.8 36.0	-8.4 -1.0 -3.4 -4.6	28.8 39.3 41.2 43.1	-1.9 1.2 - 0.5 0.4	42.4 50.2 - 52.2 52.9	3.0 3.1 6.2 4.7	49.2 57.9 57.6 58.8	0.4 2.8 3.5 2.0	59.0 64.4 - 66.8 68.1	-0.6 -0.3 2.6 1.9	67.6 72.0 74.4 75.7	1.7 1.3	71.0 76.0 78.6 79.8	-0.6 -0.1 - 1.4 1.1	68.2 72.8 80.6 76.4 78.0	-1.7 -1.2 - 0.6 0.6	62.4 66.7 73.8 71.0 72.2	-2.2 -2.2 1.5 0.6	54.0 61.4 58.6 60.1	-3.4 -1.3 -2.4	44.8 51.0 59.0 56.6 58.2M		32.7 41.7 48.0 45.5 47.2	0.2 3.3 4.2 4.1	56.9 58.7 61.3	
NLEY 1 S ENVINCTON GAP 1 W HILPOTT DAM IEDMONT FIELD STATION ULASKI AIRPORT	33.0 28.6 30.0 27.2	-6.1 -8.1	41.0 40.5 39.0 36.6	1.2 3.0 - -	49.9 48.6 50.0 45.6	4.3	55.4 59.0 63.3M 57.5 55.5	1.0	64.8 62.1 64.0M 64.6 60.5	-	73.2 70.8 71.8M 73.2 68.4	=	77.6 74.2 76.7M 76.8 71.5	0.9	75.6 70.5 74.1 74.6 68.6	-0.3	69.2 66.9 68.0 67.7 63.2	-1.2 -1.3	57.0 52.7 54.5M 55.0 50.3	-	55.6 49.6 50.1 50.9 45.7	=	43.7 39.1 43.6M 40.9 37.0	2.2	58.0 55.2 56.7 52.5	
JANTICO 1 S (CHMOND WB R E BYRD FLD (CHMOND WB CITY)ANOKE ANOKE WB WOODRUM FLD	28.2 31.1 32.2 32.3 31.0	-7.4 -4.6 -5.7 -5.5 -6.8	36.8 39.8 40.9 40.2 38.8	0.9 1.3 1.3 1.2 -0.4	48:0 50.8 51.4 49.8 48.5	3.1 4.7 4.2 2.5 1.2	55.7 57.7 58.3 59.0 58.3	1.8 1.9 1.7 2.8 2.1	64.6 66.3 66.7 64.8 63.9	0.6 1.0 0.2 -0.3 -1.2	73.6 74.4 75.1 72.4 71.4	1.2 1.2 1.0 0.5 -0.5	77.4 78.2 78.6 75.8 75.3	0.4 0.5 0.1 0.1 -0.4	74.8 76.2 74.8 72.8	0.2 -0.3 0.3 -1.7	67.7 69.6 66.0 66.4	-1.1 -0.9 -2.4 -2.0	54.7 57.8 53.8 54.1	-2.7 -1.8 -3.7 -3.4	49.9 54.5 49.6 49.2	4.1 6.2 2.6 2.2	39.6 -43.6 40.8 40.5	3.1 3.8 0.9 1.4	55.9 58.8 56.6 55.9	
DCKY KNOB DCKYMOUNT ALTVILLE ALKALI WORKS ALUDA FAUNTON D & B INST	27.5M 31.2 28.2 29.2M 27.4	-8.3	36.6 38.9 40.8 36.4M 35.1	-0.9	46.0 47.5M 49.2 49.2M 46.1	4.8 -1.9 1.8	54.9 59.7 56.2M 55.2	5.9 0.8 2.1	59.6 64.4M 63.6 65.2M 61.5	0.9 0.4 -1.9	67.7 70.2 71.4 73.6 70.6	-0.2	71.2 74.0 74.8 77.4 73.6	-0.9	69.1 74.2 71.9 75.7 70.9	0.4 -1.6 -0.7 -2.1	63.0 64.0 67.0 72.4 64.1	-3,3	52.8 53.6 51.4	-4.2 -2.3 -4.3	47.3 49.5 49.2 48.0	2.8	40.4 39.4 - 38.4	1.7 2.3 - 1.4	55.7	-
FUART UFFOLK LAKE KILBY UGAR GROVE UMBERVILLE RBANNA WB	33.8 34.1 25.9 27.0 31.3	-5.8 -7.8 -8.6	42.0 42.1 36.9 34.4 39.6	0.7 - -0.4 -1.4	50.6 53.4 45.4 47.2 49.8	3.5 - 2.3 2.5	59.8 59.2 54.0 55.3 55.4	3.8 - 1.6 0.0	64.4M 67.0 58.2 61.6 65.5	3.3 0.7	71.2 74.9 64.9 70.6 73.3	-1.5 - -0.5 -0.7	74.2 78.8 69.1 73.3 77.6	-1.7 -0.3 0.1	72.2 76.2 71.2 74.9	-2.3 -1.5 -1.5	66.1M 70.7 60.6 64.4 69.7	-3.7 -2.3 -1.5	56.0M 57.3 49.1 52.1 56.5	-2.2 -4.8 -3.0	51.4 56.2 45.4 48.2 53.1	3.2 - 3.0 2.7	43.5 44.8 36.0 38.2 41.5	3.8 -0.1	57.1 59.6 53.6 57.5	
LENNA TYSONS CORNER LLKERTON SHINGTON WB CITY DC SHINGTON WB NATL APT LTERFORD	30.4 29.2 29.0 23.6	-6.5 -4.2 -4.4	39.6 37.4 36.8 31.8M	2.4 2.1 1.5	51.2 48.9 48.0 45.7M	4.8 6.3 5.4	58.2 56.8 55.9 55.4	2.8 3.5 2.6	67.0 65.4 64.6 62.6	0.9 1.7 0.9	74.5 74.6 74.0 69.4	-0.3 2.4 1.8	78.0 78.4 78.0 72.9	0.9 1.6 1.2	75.8 76.0 75.8 70.0M	0.1 1.0 0.8	68.8 69.6 69.4 64.4M	-1.3 1.5 1.3	55.8 56.5 56.2 56.2 51.7	-2.2 -1.2 -1.2	52.5 54.4 52.3 51.5 47.8	6.2 7.1 6.3	40.6 40.2 35.6	3.7 4.0 3.6	58.4 57.2 56.6 52.6	
VERLY HILLS STBROOK SANATORIUM LLIAMSBURG 2 NW NCHESTER RESEARCH LAB ODSTOCK (THEVILLE P O BLDG	28.7 32.5 32.8 27.6 28.2	-8.6 -5.6 -5.8	37.1 41.1 41.4 35.8 36.3	0.6 1.6 1.8	48.6 52.6 52.8 48.0 48.0	3.7 4.9 3.8 6.3	56.6 59.2 58.4 56.5 56.9	1.7 3.8 4.2 6.2	64.0 66.2 66.4 63.2 62.8	0.3 -0.6 -0.4	73.0 74.1 73.6 72.2 71.4	0.0 -0.1 1.0	76.7 78.0 77.3 75.8 74.6	-0.1 -0.6 -0.2	74.6 75.6 74.6 72.7 71.8	-1.6 -1.6 -1.3	68.0 69.1 68.0 66.6 65.6	-2.9 -1.5 -1.9	55.6 56.8 56.5 53.5 53.5M	1	52.3 54.7 55.3 49.9 49.6	5.6 4.8 4.6 5.7	40.1 43.6 43.5 38.1 38.9	2.3 2.5 3.4 3.5	56.3 58.7 58.4 55.0 54.8	

	Jan	ıary	Febr	uary	Mar	ch	Apr	il	M	ay .	Ju	10	Ju	ly	Aug	rust	Septe	mber	Octo	ber	Nove	mber	Dece	mber	Anr	nual
Station	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
INGDON TON BOXWOOD GARDENS EXANDRIA POTOMAC YDS TA VISTA ISSVILLE	3.26 5.40 3.47 3.44	70 - - - -	5.02 2.25 2.20 3.39 0.62	.74 27 -	5.02 3.70 3.49 4.79 2.88	.99 .05 - -	2.01 4.73 3.74 5.72 4.73	89 .86 - -	2.85 5.66 9.20 4.97 6.63	-1.24 2.24 - -	4.80 5.02 4.68 4.90 2.33	1.46	3.95 1.37 5.20	11111	8.31 4.95 9.73	-	- 3.20 3.09 3.35		3.62 2.79 2.49 4.25	52 - -	5.75 5.63 5.08	-	5.74 4.57 6.09 4.04	2.66 - -	57.28 50.86 52,28	-
NANDALE POMATTOX HLAND GUSTA SPRINGS CON NR FAIRFAX	4.46 4.54 1.49 4.10	1.51	1.55 4.67 2.41 2.31 1.43	- 46 -	4.46 4.58 5.38 4.86 4.13	1.89	2.79 6.51 3.60 5.64 1.96	 03 - -	8.46 2.82 5.69 4.72	- 1.84 - -	4.39 4.58 2.30 3.72	- -1.84 - -	3.10 1.62 2.30 2.72	- -2.42 -	9.42 6.95 - 3.91 7.42	-	3.31 2.66 1.65 3.07 2.41	- -1.66 -	4.09 3.78 3.75 3.36 4.15	.68	6.34 6.84 5.20 5.93 6.12	2.91	4.95 6.35 4.94 - 4.79	2.00	57.32 - - -	
LCONY FALLS RCROFT DFORD RRYVILLE G KNOB	4.00 4.67 3.80 3.32 2.47	41 .73 -1.45	2.82 1.65 3.53 0.94 5.55	19 .43 1.90	7.06 2.36 4.86	.32 3.54 1.12	4.19 3.69 2.51	1.00 1.18 - 35	5.83 8.67 5.16 4.41 2.88	2.75 1.96 .21	2.83 4.35 5.92 1.52 3.32	- 93 1.64 - 73	1.57 4.55 2.55 4.11	-2.56 -1.67 -	6.03 8.23 10.25 6.23 2.30	1.35 5.30	4.31 2.98 3.35 2.67	.82 35 -	2.95 2.51 4.26 1.26	47 61 -	7.67 6.30 5.92 4.78 6,22	4.75 3.24	6.31 5.07 7.78 4.34 4.66	3.08 4.57	53.39 61.65 43.31	19.9
G MEADOWS G MEADOWS NO 2 ACKSBURG ACKSTONE AIRPORT EMO BLUFF	4.81 3.06 2.50 4.56 4.53	1.13 79 -	2.26 2.03 3.14 2.61 3.16	73 .06	3.71 3.57 5.46 4.63 4.91	1.78	5.17 5.59 3.11 5.38 6.08	.66 08	6.45 6.38 4.78 4.48 5.39	1.10	3.55 4.00 7.86 1.45 1.35	70 3.28 -	4.43 2.45 3.68 6.30 4.38	-1.04 - -1.52 -	7.88 8.31 5.99 3.70 10.25	2.58 - 1.89 -	6.06 5.81 2.43 2.31 3.83	1.31 78	4.94 4.90 2.17 3.01 3.59	13 -1.03	5.23 5.49 5.01 6.56 5.33	2.70	4.37 4.19 5.88 4.42 8.75	1.10 2.44	58.86 55.78 52.01 49.41 61.55	9.0
ISTOL CHANAN CKINGHAM ENA VISTA GGS ISLAND DAM	4.03 2.80 2.76	1.25 85 .25	3.84 3.34 3.15 2.46	.45 .62 .36	4.65 4.49 4.58 4.02 3.80	.07 1.07 .48	2.76 5.71 5.30 5.19	02 2.51 2.85	2.43 5.35 - 4.07 2.89	62 1.89 .43	5.50 5.51 4.08 2.48	1.19	8.04 4.74 - 3.83 2.06	2.35 .38 39 	5.43 6.55 9.36 5.92	1.24 1.74 4.76	1.59 4.40 - 3.63 3.45	69 1.25 .37	1.46 3.80 - 3.41 2.91	48 .09 .41	4.69 8.00 5.38 6.29	1.97 5.31 2.94	6.59 7.46 4.08 5.52 4.70	3.32 4.25 2.90	51.01 62.15 - 53.82	19.4
RKES GARDEN LLESBY AP LEE PE HENRY PRON	3.40 1.60 5.56 3.87	21 - - .72 -	4.43 2.93 2.99 3.95	.99 - .64 -	4.83 4.66 3.99 2.43	.25 - -1.44 -	2.80 3.24 6.66 3.73	96 .43	3.48 2.27 6.54 5.12	81 - 1.55	5.25 5.49 1.71 3.70 2.93	.42 - 26 98	4.20 3.57 0.99 2.64 7.22	20 - - -2.73 .89	5.92 3.49 6.35 7.35 6.32	1.50 - 2.49 .47	1.45 2.90 3.53 3.03	-1.97 - - .17	2.01 2.34 3.08 2.45 2.47	-1.20 - - 56 62	5.37 5.36 6.13 5.85	2.61 - 3.49	3.88 5.34 4.62 4.36	.13 .92	47.02 43.19 52.15 48.48	-
RDINAL TAWBA SANATORIUM ANTILLY ARLOTTE COURT HOUSE ARLOTTESVILLE 2 W	3.94 2.05 4.07 3.17 3.65	89 - - .30	2.56 2.94 1.23 2.74 2.28	.15 - - 52	3.18 3.68 3.35 5.22 4.85	.19 - 1.38	3.90 4.77 2.83 4.85 5.77	1.73 - 2.25	6.51 5.25 6.88 4.98 6.87	1.78	4.40 4.87 4.27 3.09 75.3	2.24	2.62 5.55 2.01 1.79 7.45	1.14 - 3.12	7.79 5.35 7.99 2.70 9.47	.60 - 4.35	5.90 4.54 2.98 3.79 3.77	1.08	3.61 2.50 4.53 4.79 4.09	-1.17 -46	7.61 6.24 3.88 5.92 6.43	3.82	4.70 7.04 5.03 5.20 7.56	4.02	56.72 54.78 49.05 48.24 69.72	-
ARLOTTESVILLE NO 2 ASE CITY ATHAM ATHAM SCS ERITON	3.76 3.37 4.25 3.12	- 11 - 69	4.10 2.48 2.13 3.25	- 70 - .30	6.95 3.78 4.72 6.08 2.82	.97 74	3.08 5.81 4.63 2.85 4.44	1.28 .68	7.15 4.36 4.87 3.68	.56 .51	5.91 2.80 2.57 5.33	- 97 1.90	7.06 3.73 3.33 2.40	50 -2.66	3.84 3.46 6.75	31 2.26	3.47 4.68 1.65	- .05 -2.78	2.73 2.63 3.09	19 05	6.64 6.22 6.98	4.11 4.10	4.98 4.08 4.86	1.51	47.75 47.15 48.37	-
URCHVILLE ARENDON LYON PARK ARKSVILLE EVELAND IFTON FORGE	2.66 2.42 1.61	63 -1:36 -1:43	3.31 4.54 2.98	06 .96 02	5.29 5.03 3.55 4.77 4.38	1.62 11 .75 .61	3.02 2.78 5.10 3.26 4.42	73 1.70 .13 1.80	8.69 5.70 2.89 5.66	5.14 1.83 35 2.08	4.67 3.76 8.39 4.25	1.00 47 3.69 .90	3.37 2.51 - 1.44	56 -1.69 -2.40	3.35 8.97 5.31 - 5.45	4.30 .68	4.94 3.40 5.60 4.50	34 2.52 1.74	3.83 3.20 3.65 3.66	50 .84 .39	4.95 6.06 8.15 6 98	3.20 5.94 4.22	4.77 4.82 5.16 - 6.53	2.10 1.66 3.90	54.46 51.86	-
NCHPORT UMBIA DTES STORE PPER HILL VINGTON	3.27 3.83 1.85 1.47 1.88	-1.17 .48 - - 65	6.24 2.89 0.97 2.30 3.34	2.21 .15 - 1.18	6.93 5.09 1.87 3.69 4.61	1.94 1.50 - 2.07	3.44 6.59 4.56 - 3.53	40 3.12 - 1.41	4.50 4.59 5.48 6.01 4.93	.43 .97 - 1.79	4.65 3.40 2.35 - 6.46	54 54 	5.53 4.07 3.67 5.09 1.64	.56 19 - -2.08	3.20 6.22 6.71 7.49 4.94	-1.47 1.69 - 1.51	1.40 4.42 5.50 3.66 3.11	-1.95 1.45 - .73	1.60 3.27 3.85 2.43 2.84	-1.14 02 - - .57	7.70 4.13 5.27 6.36 4.87	4.78 1.80 - 2.63	5.47 6.89 3.21 6.50 5.03	3.74 3.13	53.93 55.39 45.29 47.18	14.1
DZET 2 N JPEPER LLGREN PRVNG GROUND LE ENTERPRISE MASCUS	2.88 3.97 3.70 1.54 3.99	.98 .85 -1.10 .88	2.59 1.20 2.03 1.00 4.03	-1.20 46 -1.23 .46	74.14 3.54 3.32 4.82 4.56	.64 03 1.91 .43	5.13 4.95 3.29 2.71 3.08	1.59 12 11 52	6.69 8.14 5.06 8.02 5.19	4.12 1.93 4.50	3.23 4.85 2.23 3.04 6.59	12 -1.64 -1.75 2.52	5.92 5.43 4.91 2.76 8.72	-1.67	84.9 7.74 10.62 8.48 5.32	2.94 5.48 4.30 .86	4.65 3.71 2.74 5.01 1.37	.47 .05 2.45 -1.95	3.66 4.27 4.48 4.18 1.62	1.11 2.09 1.48 75	5.92 5.46 4.62 4.79 5.03	2.97 2.67 2.83 2.61	6.59 6.43 7.79 3.08 5.50	3.31 4.70 .49 2.55	59.89 59.69 54.79 49.43 55.00	18.4 16.1
FTE VVILLE VVILLE AIRPORT FENPORT ERFIELD	3.60 4.65 3.41 1.88	-1.10	3.74 4.26 3.25 2.32	.55	6.03 5.36 3.45 3.66	2.31	4,41 5.59 3.61 5.57	1.03	5.34 5.52 1.85 3.71	1.76 - .91	4.03 4.15 2.74	01 - -	4.80 2.95 2.20 - 4.06	64 -1.24 - - 78		29 .25 - - 17	2.28 4.81 5.47 2.13 4.46	-1.70 1.70 - - .89	1.83 3.24 3.34 1.69 3.41	-1.21 .32 - - .60	5.62 8.52 8.49 3.51 6.78	2.65 6.29 - - 4.39	4.83 4.59 4.17 2.69 5.07	.92 1.01 - 2.47	55.95 59.08	
LAPLANE MOND SPRINGS IVER HEAR HGANNON		-1.12 -1.07	0.84 3.36 3.45 6.23 4.61	.02 1.95 .70	2.84 6.19 5.69		2.02 5.96 5.64 3.96 2.77	2.69 .04 34	7.05 8.04 3.46 2.59	2.90 42 08	3.50	1.61 -1.68 60	4.27 3.10	-1.27	9.12 5.70 3.75	Ξ	2.43 3.10 1.06	61 - - -	4.31 3.23 2.67	.29	4,81 6,70 7,17	4.34	4.14 4.74 4.14	.59	57.16 51.53	=
KWOOD 7 S ORY PORIA 1 WNW ISCOPAL HIGH SCHOOL RWYILLE	4.60 4.19	-1.01 14	1.14 3.90 2.99 2.02 3.40	70 .31 47	3.63 5.85	5.60 33 24 99	4.34 1.66 4.37 3.38 5.22	1.87 -1.95 .66 -	10.75 3.51 6.24 9.29 5.53	6.67 47 1.90 - 1.66	5.12 5.02		4.06 5.59 5.75 4.67 4.40	-1.50 .99 88 - .21	8.09 5.86	4.09 33 -1.81 - 1.83	2.46 3.42 3.83	-1.24 51 -1.50 -1.10	3.58 1.05 3.00 3.45 3.55	.31 -1.63 .54 -	5.99 4.73 6.82 5.80 6.11	2.98 2.43 4.20 - 3.77	5.48 6.69 3.80 4.86 7.00	2.77 3.36 1.01 3.84	55.16 46.70 47.90 58.33 59.96	2.2 .6 19.2
ELDALE DYD AKER DERICKSBURG EDERICKSBURG EMBRY PI		1.42	1.99 2.77 3.84 1.84 1.74	37 88	5.70 4.15 4.16 3.81 3.27	.84 .23 -	2.36 3.57 4.46 3.93	.96	5.00 4.67 2.23 6.31	.74 2.57	5.05 3.90 1.19	- 67 -3.02	2.77 8.25 3.54 2.09	3.05 -2.27 -	4.04 4.22 3.26 12.85 8.77 6.76	60 7.87	2.56 3.72 3.54 2.79		2.32 1.87 1.38 4.01 3.36	-1.16 .80	5.95 6.23 6.67 4.15	3.68 2.04	5.50 5.85 4.46 6.78 6.10	3.64	46.55 52.59 - 55.04	6.6
ONT ROYAL AIRPORT LAX SIN LYN RHONSVILLE 6 S SHEN	2.50 2.31 1.76 3.68 1.60	-1.55	2.14 1.70	- .18 -	2.94 4.54 4.53 5.37 3.78	- .91 -	3,45 4,48 4,75 3,33 4,38	2.01	4.67 2.85 2.81 5.05 4.28	- 59 -	2.46 - 8.35 1.99 2.97	4.97	3.04 3.30 4.47 4.72	-1.01 -	3.87 4.89 11.96 4.14	.98	3.05 1.66 3.34 2.45	90 -	2.19 1.78 3.67 3.29	-1.04 -	5.94 4.27 6.83 5.97	2.03	5.34 4.99 7.35 4.78	2.15	46.24 59.18 44.06	
EENWAY DOWNS DECLOSE UNDY LIFAX YSI	2.93 3.61 2.61	22 -	1.63 3.20 - 3.09 4.15	.06	4.13 3.88 5.77 5.23	1.67	3.94 5.05 2.84	1.03	3.17 6.71 3.19	2.78	3.86 5.57	.63 1.57 -2.36	3.37 - 1.33 5.10	-4.61 -	3.16 2.50	-	3.36 - 3.33 2.67 3.23	91 05	4.45 - 3.43 1.64	- - .72 -	4.52 6.26 5.55	3.17	3.74 4.56 3.99	1.40	51.87	-
GH KNOB LLSVILLE G IS LTL MACHIPONGO LLAND 1 E LSTON	3 14 1 97 4 06 2 52	-2.17 - .16 -1.14	3.32 2.81 3.87 3.98	-1.14 - .33 .26	5.37 4.61 3.70 4.65	.10 - 15 .98	4.47 4.92 4.62 2.31	.37 - .91 50	2.88 2.53 - 4.88 3.75	96 - 1.78 .58	2.97 3.81 4.30 5.61	- 39 1.88	2.72 2.55 7.06	- 09	3.25 5.66 9.34	3.30	2.54	05 - - -1.89 -	1.97 2.37 1.27 2.18	- 15 -	5.58	2.90 - 5.37 -	4.15 5.12 4.04 -	1.41	58.91	10.5
NAKER NAKER PEWELL T SPRINGS RLEY	3.12 3.64 2.05 5.66	-	1.88 3.27 2.09	.65 -1.13 .71	4.07 5.26 3.89 5.14	-	4.35 4.97 4.68 4.42 2.21	.43 1.69 1.28 1.08	2.42 2.52 8.07 4.82 2.78	-1,26 88 4,40 1,22	5.17 6.58 1.72 5.99 2.96	1.13 1.78 -3.10 1.48	3.42 4.12 8.04	90 12	4.65 4.19	- 03 .03	5.12	1.73	2.77	.11	6.57	4.45	4.68 - 4.16 5.74 4.71	.64 2.69	50.57	8.1
DEPENDENCE DIAN VALLEY NHOE VELL RIDGE	3.09 1.58 6.09 1.74 2.84		2.22 1.45 2.25 4.21	31	2.22 6.07 3.32 4.28 4.81	.99	3.83	- 06	5.97 3.87 2.46 - 2.30	- - - - -1 49	2.87 - 2.68 - 6.44 2.29	- - - - -2.32	5.68 3.08 4.62 - 1.62	-	4.16 3.00 3.74		1.64 1.91 2.10		1.68 2.29 1.33	1 1 1 1	4.20 5.66 4.13	1111	3.94 5.72 4.87	111111	42.23 42.31	-
IESVILLE IESVILLE 1 IESVILLE 2 IDAN MINES IRS CREEK	3.84 4.33 3.29	-1.05 - - - -	6.65 6.99 6.31 - 2.62	1.73	5.82 5.74 5.46 5.01 2.78	.70 - -	4.02 3.24 3.47 4.04 2.80	06 - - - -	1.99 2.02 1.76 4.49 4.36	-1 <u>.</u> 49 - - -	2.29 3.08 2.84 6.05 5.48	-2.32	2.09 4.66	·	4.09	-	2.48	-	3.43	-	4.82 5.53	-	5.24 6.45	11111	46.47	, =

	Jan	-	Febr	nuary	Ma	rch	Ap	ril	Ma	ay	Ju	ne	Ju	ıly	Aug	just	Septe	mber	Octo	ber	Nove	mber	Dece	mber	Ann	nual
Station	Precip.	Departure	Precip	Departure	Precip.	Departure	Precip	Departure	Precip.	Departure	Precip	Departure	Precip.	Departure	Precip.	Departure	Ртесір.	Departure	Ртесір.	Departure	Precip.	Departure	Precip	Departure	Precip	
NGLEY AIR FORCE BASE TRENCEVILLE E EXP FOREST ESBURG KINGTON	3.32 4.83 4.09 4.04 2.35	.35 - - - 64	3.86 1.95 - 0.99 2.86	.52 - - - .19	2.72 4.15 5.89 2.88 6.28	85 - 2.85	3.78 5.50 6.29 3.82 3.79	.80 - - .85	13.00 4.99 5.13 4.42 5.84	9.61 - - 2.52	2.60 3.82 7.10 4.60 5.48	-1.67 - - 1.36	2.75 2.85 4.60 3.08 3.66	-2.33 - - - - 23	9.12 5.48 6.91 5.71 7.03	4.59 - 2.94	2.66 3.87 3.35 2.92 3.76	11 - - 1.02	2.51 2.22 4.41 4.15 3.86	.01	5.30 6.85 5.64 6.05 7.17	3.17 - - 5.02	4.03 4.09 7.58 6.09 5.80	.98 - - 2.69	55.65 50.60 - 48.75 57.88	
COLN ISA ES MILLS AY CHBURG 7TH ST BRG	3.74 4.64 3.00 3.37	.74 1.52 81 -	1.62 2.58 3.11 1.09	99 06 13 -	3.39 5.17 4.42 2.92	.31 1.79 1.05	4.36 5.53 2.77 3.40	1.05 2.39 05	5.60 8.47 4.16 5.81	2.00 4.65 .17 -	4.88 3.08 5.21 2.81	.15 -1.06 1.24 -	4.43 3.19 5.30	.99 -1,21 - - -	5.68 12.01 - 3.81 8.19	1.42 7.51 - -	4.00 2.23 - 4.65 2.36	1.36 84 - - -	4.28 3.79 5.86 2.60	1.27 .51 - -	5.71 6.55 - 4.11 4.87	3.36 4.29 - -	5.69 7.66 3.10 6.63	2.95 4.58	53.38 64.90 - 46.23	24
CHBURG WB AIRPORT ASSAS 4 S ION NR FAIRFAX ION SHALL	4.30 3.99 2.26 3.53	.87 - -1.00	46 - 1.42 3.49 0.90	57 - - .07	6.69 4.34 4.03 2.75	3.15	2.84 2.10 3.43 3.68	11 - .36	4.13 - 3.31 5.36	.50 - - 59	5.11 - 5.01 3.16	1.32 - - .24	2.22 - 5.22	-1.99 - - - -	8.26 10.03 7.31 - 11.55	4.48 5.11 - -	2.07 2.48 2.39 - 2.40	-1.24 10	2.61 4.56 4.17 5.01	54 2.05 - -	4.86 6.41 5.21 5.63	2.53 4.04 - -	6.74 5.10 4.34 4.53	3.48	52.52 - - 53.72	
INSVILLE FILT PLT OWELL AHEYSVILLE 3 S OWVIEW OOTA	3.14 - 2.77 2.53 2.62	-1.00 - - 73 -1.76	2.79 1.51 3.43 4.64	70 - .05 .98	4.59 - 2.74 4.87 4.98	.26 - 1.16 .32	4.62 3.85 2.12 2.72	1.02 - 16 -1.18	5.66 5.03 3.73 2.96	1.95 - 15 -1.13	4.53 1.75 5.32 5.42	.28 - 1.01 1.02	3.02 2.89 4.42	-3.18 - - - 70	2.59 4.27 5.63 - 6.10	-2.70 - - 1.87	2.04 3.79 2.91	20 - - - 18	3.59 3.54 1.86	.14 - - -1.19	6.36 3.64 5.93	3.40 - - 3.25	5.70 3.46 4.79	2.13	48.63 - 40.60 - 49.35	,
EBELLO EBELLO PISH NRSY EREY LES CREEK DAM	3.11 3.66 - 1.79 2.45	.02 -1.71 -1.05	2.43 2.63 2.23	33 28 68	6.27 5.63 8.59 3.94 3.16	2.43 33 -1.11	5.21 7.68 3.51 5.60 2.48	3.91 2.27 85	5.98 6.37 6.30 3.57 2.82	1.01 87 -1.62	4.39 3.93 - 2.97 1.99	-1.59 -1.52 -2.50	3.69 3.73 - 2.31 .48	-1.68 -2.51 -4.34	8.34 9.82 - 4.73	3.97 .29	5.24 7.16 7.16 3.69	2.90 2.90 1.05	3.44 4.20 3.03	.07 19	8.34 7.76 - 4.82	4.31 2.43	7.75 7.00 3.71	3.70 .41	69.37 42.79	1
TTAIN LAKE TT JACKSON IT WEATHER URAL BRIDGE STATION CANTON	3.11 2.52 2.76 3.20 4.75	59 .15 20 - 1.20	4.16 0.92 0.81 2.65 3.56	.95 73 -1.51 -	3.49 3.51 1.85 6.21 5.42	-1.17 1.20 -1.00 1.59	3.26 4.00 5.59 3.16 5.83	46 1.84 1.95 2.51	5.75 4.92 4.15 5.21 5.48	1.44 1.01 .35 -	6.64 3.33 6.67 2.16	2.83 93 -1.57	5.23 5.81 3.98	.08 2.15 .09	7.31 6.76 6.82 9.71	2.80 2.32 4.78	4.45 4.60 3.09 3.49	1.61 1.38 -	4.14 5.21 3.06 3.42	1.47 1.50	5.54 6.17 6.91 5.28	3.15 3.71 2.93	3.77 4.90 8.53	1.70 2.32 5.23	52.94 51.94 61.61	1
CASTLE PORT PORT NEWS POLK WB AIRPORT POLK WB CITY	2.22 2.00 4.02 4.36	48 - .92 1.26	3.28 3.59 3.84 3.65	.75 - .51 .32	3.73 3.99 - 2.61 2.82	.92 - -1.16 95	3.88 4.33 5.69 4.86	1.61 - 2.46 1.63	5.54 4.31 - 7.30 6.98	1.46 - 3.49 3.17	4.29 6.26 5.46 4.66	.59 - 1.24 .44	4.37 4.88 - 3.80 4.86	.02 - -1.95 89	6.24 3.10 4.67 4.70 5.15	1.29 - - 52 07	4.11 2.35 1.73 1.89 2.24	1.30 - - -1.34 99	2.00 1.87 2.57 2.82 2.41	75 - 22 63	6.01 5.34 6.10 5.90 5.51	3.83 - 3.74 3.35	6.04 5.19 4.08 4.23 4.09	3.69 - .89 .75	51.71 47.21 52.26 51.59	L
TH RIVER DAM IGER IY 1 S IGE 1 SW LAR DAM	2.17 3.56 3.79 4.24 3.65	93 -1.34 .76 1.21	1.93 6.13 2.98 1.77 3.23	65 1.73 68 83 .42	3.84 6.27 3.78 3.35 5.07	.16	4.66 4.23 4.73 5.34 5.92	.92 .63 1.47 2.00 2.49	5.72 3.61 4.09 81.6 5.69	2.16 25 .87 4.50 1.52	1.73 3.50 3.89 3.51 3.32	-2.50 -1.09 .55 -1.25 88	5.53 3.22 4.40 2.67	.00 -1.06 20 -2.67	4.65 - 7.92 8.22 7.76	.01 - 2.86 3.60 1.60	5.23 - 4.25 2.19 6.31	1.94 -1.14 -1.07 3.12	3.95 - 3.19 2.84 3.35	.69 11 24	6.11 - 7.20 5.38 7.08	3.57 - 5.04 2.94 4.16	4.61 4.53 6.07 7.77	2.18 - .85 2.86 4.31	50.13 - 53.57 55.47 61.82	7 1
NINGTON GAP 1 W POTT DAM MONT FIELD STATION OT ACLES MDW OF DAN	4.37 3.18 2.21 5.71	96 - - - 1.12	6.63 1.69 2.95 3.28	2.09 - - - 12	6.60 3.45 4.12 8.68	1.07	3.91 5.07 4.07	41 - - 13	2.19 3.75 77.9 - 4.31	-1.10 - - - 38	2.37 4.29 2.09 - 6.06	-1.93 - - - 04	6.05 2.32 4.02 - 5.07	.53 - - -1.94	3.16 3.04 7.62 - 6.06	-1.31 - - - 43	2.35 4.55 2.51 1.95 5.09	02 - - - .07	1.41 2.64 3.98 1.50 2.49	-1.13 - - - -1.64	8.65 6.30 6.52 - 7.12	5.81	5.49 5.99 5.58 - 5.36	1.45	53.18 53.50 63.30	3
SKI SKI AIRPORT TICO 1 S ORD	1.97 2.97 3.44 2.32 3.25	- .36 78 52	2.65 1.53 1.36 2.72 2.51	- -1.28 .11 67	5.05 4.15 3.17 5.17 5.30		4.46 4.47 3.45 4.59 4.57	.20 1.91 1.22	2.39 3.44 6.82 3.43 6.91	- 3.69 .26 3.28	2.74 4.98 3.73 6.27 3.80	- 09 2.41 06	4.16 5.15 3.86	1.18 45	3.37 3.10 9.13 6.27 4.86	- 4.67 3.14 .54	2.55 2.30 3.38 1.18 3.23	- .38 -1.49 .47	1.97 2.11 2.72 2.40 3.50	- 24 58 .63	5.22 4.84 4.73 5.28 6.03	2.63 3.32 3.67	6.05 5.83 5.48 5.94 4.91	2.65 3.06 1.65	43.88 52.56 49.43	6 1
CDAN IMOND WB R E BYRD F IMOND WB CITY ERTON KOKE	3,85 4,11 4,69 2,81 3,52	- 1.48 .35 .42	0.91	- 56 -1.53 55	3.61 5.54 4.98 1.99 5.03	59	4.92 4.59 4.60 2.83 3.45	1.11 08 .55	8.56 6.32 5.47 5.01 7.09	1.68 1.54 3.71	3.07 2.73 1.95 2.19 4.10	-1.95 -1.16 26	2.88 4.05 5.79 3.77 3.24	1.06 .63 94	11.19 7.78 6.38 8.75 7.47	1.96 5.04 3.54	2.49 2.96 3.05 2.41 4.38	- 20 90 1.18	4.63 3.22 3.27 5.20 2.63	.39 1.43 -1.19	5.89 5.49 5.43 4.27 6.16	3.22 2.08 3.95	5.93 4.12 4.29 3.47 6.90	1.00 .86 3.80	58.23 53.57 52.51 43.61 56.20	7
NOKE WB WOODRUM FLD CPISH CY KNOB CYMOUNT 3 HILL	3.64 3.59 3.78 2.43 3.30	.54 .01 93	2.49 2.68 2.69 2.06 6.12	29 04 - -1.15	4.75 5.67 4.81 5.40 6.68	1.43 2.51 1.46	3.53 7.22 4.03 - 2.48	.63 4.11	5.70 6.11 3.92 5.08 3.00	2.32 1.90 - 1.41	5.64 3.49 2.57 6.70 3.06	1.28 -1.81 - 1.86	3.84 4.25 4.11 3.27 2.61	34 -1.75 -1.52	8.59 8.10 4.25 5.49 2.37	4.66 3.02 .84	4.60 3.78 3.63 3.61 1.00	1.40 -1.48 - 01	3.73 2.90	-1.27 .74 -1.89	6.36 7.65 8.23 - 0.12	4.15 4.54 - -	7.11 8.76 - 7.14 4.83	4.01 5.29 - 3.43	58.80 65.03	
TVILLE ALKALI WKS DA TE THPIELD TRSET	3.06 3.22 3.10 4.68	29		.89 -1.67 - - -	5.40 2.96 5.00 2.46	.99 -1.17 -	3.03 5.79 - 4.24	65 1.88	3.49 5.24 2.25 7.37	40 1.92 - -	4.02 3.62 - 4.05	-1.07 65 - -		1.77 -2.21 - -	7.17 4.47 4.57 10.45 7.13		1.63 - 2.91 2.26 2.80	-1.61 - - - -	1.65 - 1.57 2.25 5.70	-1.43 - - - -	4.88 8.75 4.71 6.78 5.69	2.36 6.65 - -	4.77 3.61 4.34 5.10	.48 - - - -	50.20 - 53.77	
EDWELL ING CREEK R TANNERY TE FARM UNTON D & B INST	1.60 1.71 2.34 4.14 1.95	-1.12 - - 89	2.22 2.85 1.03 3.24 0.98	.39 - - -1.36	3.83 3.75 3.62 5.20 3.32	1.05	2.15 4.73 4.43 5.16	.21 - - 2.14	3,32 1.81 5.32 4.37	-1.24 - 1.07	4.57 - 3.12 5.37	.77 - 1.15	3.14 - 5.06 1.75	-2.48	5.74 4.75 6.08 10.88 5.60	.59 - 1.51	2.05 1.10 2.63 2.61 4.88	-1.81 -2.03	1.60 1.50 4.07 3.96	- 56 - - 1.00	3.25 2.73 - 4.91 5.21	- .45 - 3.12	2.54 3.60 3.57 5.37 5.66	1.54	58.35 48.21	
NY CREEK ART FOUR LAKE KILBY AR GROVE RDS CREEK	3.60 4.24 2.79 1.66	- .55 - -	2.43 4.14 3.46 4.25	67 - -	3.27 5.87 3.02 4.19 4.75	1.68	3.28 4.51 2.79 3.57	- 24 - - -	6.77 5.57 2.36 2.50	3.25 - - -	1.69 5.22 5.72 4.49 6.10	1.88	5.29 4.60 5.31 4.18 4.52	-	3.40 2.69 6.38 - 5.71	-2.98 - - - -	2.69 4.10 1.62 2.46 3.30	.21	2.52 2.15 1.53 1.07 1.30	-2.03 - - -	5.91 6.02 7.30 5.02 4.22	3.03	4.10 5.71 3.84 4.67 4.63	1.77	52.43 53.18 - 46.51	В
EWELL BERVILLE JT DALE RIVER ANNA WB	3.00	51 07 68 23 1.07	1.30 3.15 3.06	63 .36			4.00 2.88	1.70 .51 50 1.49 2.01	5.92	-1.53 2.34	5.90 3.37 3.52 3.36 2.35		5.24 6.69 5.03	1.41	6.42 5.95 3.99 5.58	2.65 -1.18 1.04	6.17 2.75 2.24 3.40	3.08 -1.44 .02	4.14 1.48 2.91 3.66	1.33 .13 .23	3.97 6.30 7.09 7.70	1.98 4.15 5.60		1.83 2.28 1.60	51.25 53.79 59.31	9 1
INA TYSONS CORNER IERS CHAPEL IERTON LACE LACETON LK DRUMMOND	4.36 4.98 3.81 2.96 5.47			- 93 .58 61	4.24 5.30 4.81 4.61 3.01		2.55 2.37 4.29 1.90 4.64	- .86 56 .48	7.76 8.39 9.06 5.02 11.37		6.31 5.35 2.28 4.79 4.46	- -1.85 1.15 44	2.52 2.38 4.92 - 3.70	- 44 -3.48	7.76 8.22 6.02 5.06	1.61 38	3.66 3.23 1.95 - 3.79	-2.28 -2.25	4.52 3.41 3.18 2.26	- .45 - 71	6.87 6.61 6.20 -	3.13	5.49 5.37 4.76 - 4.38	1.79 - - .34	57.36 57.22 53.34 - 57.54	2 4
HINGTON VIRGINIA HINGTON WB CITY DC HINGTON WB NATL AP ERFORD ERLY HILLS	2.99 4.99 4.57 3.23 5.07	1.44	0.65 2.05 1.67 0.71 1.81	-1.22 -1.60 -	1.66 5.31 3.66 2.10 4.72	1.56 09	5,20 2,44 3,05 4,44 2,52	83 22 -	6.42 8.59 8.87 5.69 7.73	- 4.89 5.17 -	2.99 3.98 5.44 4.07 4.56	- 15 1.31 - -			10.33 7.68 9.00 3.84 7.36	3.67 4.99	3.97 3.63 3.19 3.03 3.33	- .39 05	3.20 3.11 3.09 3.81 3.54	- .27 .25 -	5.60 5.78 6.00 5.74 6.31	3.41 3.63	3.45 4.93 4.69 5.99 4.99	1.61 1.37	51.01 56.09 57.54 45.88 55.69	9 4 8
TBROOK SANATORIUM TE GATE TETOP MOUNTAIN LIAMSBURG 2 NW LIAMSBURG	4.27 - 4.04 4.05	- - .30	3.09- 1.48 4.26 2.56 2.54		4.70 2.35 3.38 2.90 2.38	-1.13	4.48 2.44 4.40 3.47 3.87	- - 31	5.39 2.19 4.34 5.22 4.74	1.33	2.06 2.51 6.01 3.58 3.12	- - 1.13	3.91 8.06 - 4.35 2.86	- -1.85	6.99 5.82 7.43 6.36	1.60	1.79 1.83 4.30 3.58	1.06	3.77 1.92 2.28	 - 53	5.94 5.49 - 5.75 6.01	3.35	4.60 5.30 3.60 3.76	.29	50.99 - 49.48	
LIAMSVILLE CHESTER RESEARCH LB DSTOCK HEVILLE P O BLDG	1.90 2.80 2.60 2.43	.27	2.67 0.88 0.84 1.99	-1.21 -1.15 1.00	4.26 2.92 2.65 3.92	- ,13	4.28 4.57 3.90 3.23	1.42 1.20 .24	4.05 3.94 6.06 3.27	.10 2.77 39	5.12 2.80 4.11 3.34	-1.42 20 86	3.55	.06 .19 85	4.09 5.91 4.69 5.67	.91	4.78 3.04 2.85 2.12		3.01 4.66 4.31 1.89	1.78 1.65 95	5.73 4.71 4.32 4.30	2.65 2.52 2.16	5.39 4.30 4.07 4.67	1.79	49.42 44.05 43.95 39.98	5

	est	_			Las	t spring minimu	n of	Fi	rst fall minimum	of		No. of days between dates	
Station ·	Highest	Date	Lowest	Date	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 YARDS ANNANDALE ASHLAND BALCONY FALLS BARCROFT	100 98 - 98 -	8-26+ 8-28+ - 8-29	5 - 1 2 3	1-26+ 1-31 1-26 1-25	3-14 (24°) 3-29 (21°) 3-29 (24°) 4-10 (19°)	3-29 (27°) 4- 4 (27°) 3-29 (24°) 4-10 (19°)	4-23 (30°) 4-23 (30°) 4-23 (32°) 4-19 (32°)	11-26 (32°) 10-19 (28°) 10-19 (27°) 10-19 (25°) 10-19 (28°)	12-11 (25°) 10-19 (28°) 10-19 (27°) 10-19 (25°) 10-19 (28°)	12-26 (15°) 12-11 (20°) 12-11 (18°) 12- 2 (24°) 12-11 (22°)	287 257 257 257 236	257 198 204 192	217 179 179 183
BEDFORD BIG MEADOWS BLACKSBURG BLACKSTONE AIRPORT BRISTOL	99 90 94 101 99	8-28 8-27+ 8-28 8-29 7- 5	4 - 7 0 2 3	1-26 1-15 12-27 1-25 .1-25+	3-29 (23°) 4-10 (20°) 3-29 (24°) 3-13 (21°) 3-29 (23°)	4-18 (28°) 4-18 (26°) 4- 4 (26°) 3-29 (26°) 3-29 (23°)	4-18 (28°) 5-8 (30°) 4-19 (32°) 3-29 (26°) 3-29 (23°)	10-19 (22°) 10- 5 (31°) 10-15 (32°) 10-19 (31°) 10-18 (32°)	10-19 (22°) 10-18 (23°) 10-19 (28°) 11-10 (26°) 10-19 (24°)	10-19 (22°) 10-18 (23°) 12-1 (23°) 12-11 (20°) 10-19 (24°)	204 191 247 273 204	184 183 198 226 204	184 150 179 204 203
BUCHANAN BUGGS ISLAND DAM BURKES GARDEN CAMP LEE CAPE HENRY	100 102 90 100 96	8-28 8-30 7- 5 8-29 6-30+	0 -10 3 19	1-26 12-26 1-26 1-31	3-29 (21°) 3-14 (21°) 4- 4 (21°) 3-13 (20°) 3- 5 (24°)	4- 4 (26°) 3-29 (25°) 4-10 (26°) 4- 4 (28°) 3- 6 (28°)	4-19 (32°) 4-18 (31°) 4-10 (26°) 4-10 (29°) 3-12 (32°)	10-19 (25°) 10-19 (28°) 10-15 (22°) 10-18 (31°) 12-25 (26°)	10-19 (25°) 10-19 (28°) 10-15 (22°) 10-19 (28°) 12-25 (26°)	10-21 (24°) 11- 2 (24°) 10-15 (22°) 12-11 (20°) 12-26 (22°)	206 233 194 273 296	198 204 188 198 294	183 184 188 191 288
CAPRON CARDINAL CATAWBA SANATORIUM CHANTILLY CHARLOTTE COURT HOUSE	99 95 98 102	8-29 8-29 8-27 8-30	- 6 - 6	1-25 1-15 1-25	3-14 (21°) 3-29 (24°) 3-29 (22°) 3-13 (24°)	3-29 (27°) 3-29 (24°) 4-18 (26°) 3-13 (24°)	4-18 (32°) 4-18 (32°) 4-23 (31°) 3-29 (31°)	10-19 (30°) 10-12 (31°) 10-19 (26°) 10-19 (26°) 10-19 (26°)	12-12 (28°) 10-19 (26°) 10-19 (26°) 10-19 (26°)	12-26 (16°) 12-11 (15°) 12- 2 (24°) 12-11 (16°)	287 257 248 273	258 204 184 220	189 184 179 204
CHARLOTTESVILLE 2 W CHATHAM CHERITON CLERKSVILLE COLUMBIA	98 102 99 100 100	8-29 8-30 8-30 8-29+ 6-24+	5 5 12 2 - 6	1-25+ 1-25 1-31 2- 3 1-25	3-13 (22°) 3-29 (22°) 3-6 (22°) 3-29 (21°) 3-29 (22°)	3-29 (28°) 3-29 (22°) 3-14 (25°) 4-18 (28°) 4-18 (28°)	3-29 (28°) 4-18 (30°) 3-29 (31°) 4-18 (28°) 4-18 (28°)	10-19 (30°) 10-19 (26°) 12-11 (29°) 10-15 (32°) 10-16 (32°)	12-11 (23°) 10-19 (26°) 12-27 (15°) 10-19 (24°) 10-19 (26°)	12-11: (23°) 12- 2 (23°) 12-27 (15°) 10-19 (24°) 12- 1 (23°)	273 248 296 204 247	257 204 288 184 184	204 184 257 180 181
CROZET 2 N CULPEPER DAHLGREN PROVING GROUND DALE ENTERPRISE DANTE	100 99 100 95	8-28 8-29 8-27 8-27+	4 - 4 7 -11	1-26+ 1-25 1-26 1-25	3-29 (23°) 3-29 (23°) 3-6 (20°) 3-29 (20°)	3-29 (23°) 4- 4 (28°) 3-14 (28°) 3-29 (20°)	4-19 (32°) 4-23 (32°) 3-14 (28°) 4-18 (29°)	10-21 (31°) 10-21 (31°) 11-16 (32°) 10-19 (25°) 10-16 (32°)	12- 1 (20°) 11-26 (28°) 12-10 (28°) 10-19 (25°) 10-19 (22°)	12-11 (20°) 12-11 (19°) 12-11 (24°) 12-11 (24°) 10-19 (22°)	257 257 280 247	257 236 271 204	185 181 247 184
ANVILLE ANVILLE AIRPORT ILAMOND SPRINGS ELKWOOD 7 S EMORY	101 103 99 100 93	8-28 8-28 8-29 8-28 7-5	8 9 14 - 5 - 8	1-15 1-15 2- 3 1-25+ 1-28	3-29 (24°) 3-14 (24°) 3-5 (24°) 3-29 (21°) 3-29 (21°)	3-29 (24°) 3-29 (25°) 3-14 (26°) 4-23 (27°) 4-10 (28°)	3-29 (24°) 3-29 (25°) 3-14 (26°) 4-23 (27°) 4-10 (28°)	10-19 (27°) 10-19 (28°) 12- 2 (32°) 10-16 (30°) 10-15 (31°)	10-19 (27°) 10-19 (28°) 12-11 (29°) 10-19 (22°) 10-19 (23°)	12-11 (16°) 12-11 (18°) 12-26 (20°) 10-19 (22°) 10-19 (23°)	257 272 296 204 204	204 204 272 179 192	204 204 263 179 188
EPISCOPAL HIGH SCHOOL PARMVILLE PLOYD PREDERICKSBURG PRONT ROYAL AIRPORT	98 100 96 - 97	8-27+ 8-28+ 8-28+ - 8-28	- 7	1-25+ 1-25 1-16+ 1-26 1-25	3-14 (24°) 3-29 (20°) 3-29 (22°) 3-29 (21°) 3-29 (21°)	3-29 (26°) 4-18 (27°) 3-29 (22°) 3-30 (26°) 4-18 (27°)	4-10 (32°) 4-23 (29°) 4-10 (32°) 4-23 (31°) 4-18 (27°)	10-19 (31°) 10-16 (32°) 10-15 (30°) 10-19 (28°) 10-18 (29°)	12-11 (23°) 10-19 (25°) 10-19 (26°) 10-19 (28°) 10-21 (27°)	12-11 (23°) 12- 1 (23°) 10-20 (24°) 10-20 (21°) 11-18 (24°)	272 247 205 205 234	257 184 204 203 186	192 176 188 179 183
SLEN LYN CORDONSVILLE 6 S SREENWAY DOWNS HALIFAX IOLLAND 1 E	94 102 98 102 99	7-21+ 8-28 8-29 8-28+ 8-27+		12-27 1-25 1-26+ 2- 2 2- 3	3-29 (22°) 3-29 (18°) 3-29 (24°) 3-29 (23°) 3-14 (24°)	4-4 (28°) 4-23 (28°) 3-29 (24°) 3-29 (23°) 4-18 (28°)	4-4 (28°) 4-23 (28°) 4-23 (31°) 4-18 (30°) 4-18 (28°)	10-15 (32°) 10-15 (31°) 10-19 (29°) 10-19 (28°) 10-19 (28°)	10-19 (23°) 10-19 (22°) 12- 1 (27°) 10-19 (28°) 12- 1 (27°)	10-19 (23°) 10-19 (22°) 12-11 (22°) 12- 2 (24°) 12-11 (20°)	204 204 257 248 272	198 179 247 204 227	194 175 179 184 184
HOPEWELL HOT SPRINGS LANGLEY AIR FORCE BASE LAWRENCEVILLE LEE EXP FOREST	100 91 99 97 99	6-27+ 8-29 8-29 6-27+ 8-28	2 - 2 12 3 -	1-25 1-19+ 1-25 1-25	3- 6 (20°) 4- 4 (24°) 2-12 (21°) 3-29 (23°) 3-29 (18°)	3-14 (28°) 4-10 (26°) 3-5 (25°) 3-29 (23°) 4-23 (28°)	3-29 (32°) 4-18 (29°) 3-13 (30°) 4-18 (32°) 4-23 (28°)	10-19 (30°) 10-15 (32°) 12-11 (27°) 10-19 (32°)	12-11 (28°) 10-19 (22°) 12-11 (27°)	12-26 (15°) 10-19 (22°) 12-25 (20°)	295 198 317 -	272 192 281 -	204 180 273 184
EXINGTON INCOLN JULISA JURAY JYNCHBURG WB AIRPORT	95 103 99 99 98	8-27+ 8-27 8-28 8-28 8-28	2 - 2 - 6 -10 7	1-25+ 1-31 1-25 1-25 1-15	3-29 (23°) 3-29 (24°) 3-29 (22°) 4- 4 (24°) 3-13 (20°)	3-29 (23°) 3-29 (24°) 4-18 (27°) 4-18 (25°) 3-29 (26°)	4-18 (32°) 4-18 (29°) 4-23 (29°) 5-20 (32°) 4- 4 (32°)	10-19 (26°) 10-19 (28°) 10-19 (26°) 10-19 (21°) 10-18 (32°)	10-19 (26°) 10-19 (28°) 10-19 (26°) 10-19 (21°) 10-19 (28°)	12-2 (24°) 12-11 (21°) 12-1 (24°) 10-19 (21°) 12-10 (23°)	248 257 247 198 272	204 204 184 184 204	184 184 179 152 197
MANASSAS 4 S MARTINSVILLE FILT PLT MONS MONTEBELLO MONTEREY	100 - 90 90	8-30 8-28 8-29	- 4 - 1 -10	1-25 - 1-24 1-15	3-29 (21°) 3-29 (18°) 3-29 (23°) 3-29 (19°) 4-10 (24°)	4-23 (28°) 4-18 (27°) 3-29 (23°) 4-10 (27°) 4-18 (27°)	4-23 (28°) 4-19 (30°) 4-18 (31°) 4-18 (30°) 4-23 (32°)	10-15 (32°) 10-15 (29°) - 10-18 (26°) 10- 5 (30°)	10-19 (25°) 10-19 (21°) - 10-18 (26°) 10-18 (26°)	11-18 (24°) 10-19 (21°) - 10-19 (23°) 10-19 (17°)	234 204 - 247 192	179 184 - 191 183	175 179 - 183 165
MOUNT JACKSON MOUNT WEATHER MOUNTAIN LAKE NEW CANTON VEWPORT NEWS	96 94 - 95	8-27+ 8-28 - 8-28	-10 0 - - 6	1-25 1-31+ - 1-25	3-29 (20°) 3-30 (22°) 4- 4 (21°) 3-29 (20°)	4-18 (27°) 3-30 (22°) 4-18 (28°) 4-18 (27°)	4-18 (27°) 4-18 (32°) 5-28 (31°) 4-23 (31°)	10-19 (24°) 10-18 (30°) - 10-19 (26°) 12-11 (31°)	10-19 (24°) 10-19 (28°) - 10-19 (26°) 12-26 (18°)	10-19 (24°) 12- 2 (20°) - 12- 1 (24°) 12-26 (18°)	204 247 - 247	184 203 - 184	184 183 - 179
NORFOLK WB AIRPORT NORFOLK WB CITY INLEY I S PENNINGTON GAP 1 W PHILPOTT DAM	97 100 96 98 100	6-27+ 8-29 8-27 8-30 8-30	16 17 10 - 4	1-25+ 1-25 1-31 1-25	3-12 (22°) 3- 5 (24°) 3-14 (23°) 3-30 (22°)	3-14 (26°) 3-5 (24°) 3-29 (28°) 3-30 (22°) 4-18 (28°)	3-14 (26°) 3-14 (32°) 4- 4 (31°) 4-11 (32°) 4-18 (28°)	12- 2 (32°) 12-25 (21°) 11-26 (32°) 10-15 (31°) 10-15 (31°)	12-25 (21°) 12-25 (21°) 12-11 (25°) 10-19 (21°) 10-19 (23°)	12-25 (21°) 12-25 (21°) 12-26 (18°) 10-19 (21°) 10-19 (23°)	288 295 287 203	286 295 257 203 184	263 286 236 187 180
PIEDMONT FIELD STATION PULASKI AIRPORT QUANTICO 1 S RICHMOND WB R E BYRD FLD RICHMOND WB CITY	99 93 99 - 99	8-28 8-28+ 8-27 - 8-29	0 1 0 - 5	1-25 1-15+ 1-26 - 1-25	3-29 (22°) 3-29 (23°) 3-14 (22°) 3-13 (21°) 3- 6 (22°)	4- 4 (28°) 4-18 (28°) 3-29 (26°) 3-14 (28°) 3-14 (28°)	4-10 (29°) 4-18 (28°) 4-18 (31°) 3-29 (31°) 3-29 (32°)	10-19 (28°) 10-15 (29°) 10-19 (30°) 10-19 (30°) 12- 1 (31°)	10-19 (28°) 10-18 (25°) 12-11 (21°) 12- 1 (27°) 12-11 (25°)	12-11 (19°) 10-19 (21°) 12-11 (21°) 12-11 (20°) 12-25 (20°)	257 204 272 273 294	198 183 257 262 272	192 180 184 204 247
ROANOKE WB WOODRUM FLD ROANOKE WB WOODRUM FLD ROCKY KNOB ROCKYMOUNT SALTVILLE ALKALF WORKS	98 98 90 98 97	8-28+ 8-28 8-28 8-29+ 8-28	8 - 1 - 4 - 4	1-26 1-15 1-15 12-27 1-25	3-14 (23°) 3-14 (22°) 3-29 (24°) 3-29 (19°) 3-14 (21°)	3-29 (26°) 3-29 (26°) 3-29 (24°) - 3-30 (28°)	4-18 (32°) 4- 4 (31°) 4-18 (32°) - 3-30 (28°)	10-19 (26°) 10-19 (26°) - 10-19 (32°) 10-19 (26°)	10-19 (26°) 10-19 (26°) - 10-19 (26°)	12- 2 (24°) 12-10 (22°) - 12-11 (18°)	263 271 - - 272	204 204 - 203	184 198 - - 203
SALUDA STAUNTON D: & B INST SUFFOLK LAKE KILBY SUGAR GROVE FIMBERVILLE	96 97 101 -	8-27 8-29 8-29 8-29 - 8-27+	6 - 4 5 10 - 4	1-26 1-25 1-15 2- 3+ 1-15 1-25	3-29 (23°) 3-29 (21°) 3-29 (22°) 3-14 (23°) 4- 4 (23°) 3-29 (22°)	3-30 (26°) 4- 4 (28°) 3-29 (22°) 3-29 (27°) 4-10 (25°) 4- 4 (28°)	4-23 (32°) 4-18 (30°) 4-18 (31°) 4-18 (32°) 4-10 (25°) 4-23 (32°)	10-18 (32°) 10-19 (23°) 10-19 (26°) 10-19 (31°) 9-26 (30°) 10-19 (24°)	10-19 (27°) 10-19 (23°) 10-19 (26°) 10-19 (31°) 10-15 (24°) 10-19 (24°)	- 12-11 (18°) 12-11 (15°) 12-26 (16°) 10-15 (24°) 10-19 (24°)	257 257 287 194 204	203 198 204 204 188	178 184 184 184 169 179
ITMBERVILLE URBANNA WB VIENNA TYSONS CORNER WALKERTON WASHINGTON WB CITY DC WASHINGTON WB NATL APT	99 - 102 100 99	8-27 8-27 8-29 8-27+ 8-27+	-14 -6 -2 -5	1-25 1-25 - 1-25 1-31 1-26	3-14 (23°) 3-13 (23°) 3-13 (19°) 3-13 (23°) 3-13 (22°)	3-14 (28°) 3-14 (28°) 4- 4 (28°) 3-14 (28°) 3-14 (25°)	3-29 (31°) 3-29 (29°) 4-23 (30°) 3-29 (29°) 3-29 (30°)	10-19 (24) 11-12 (32°) 11-28 (32°) 10-19 (28°) 12- 1 (31°) 12- 1 (30°)	12-11 (22°) 12-11 (26°) 10-19 (28°) 12-11 (27°) 12-11 (26°)	12-11 (22°) 12-25 (21°) 12- 2 (24°) 12-25 (18°) 12-25 (17°)	272 287 266 287 287	272 272 198 272 272	228 244 179 247
NATERFORD VAVERLY HILLS VESTBROOK SANATORIUM VILLIAMSBURG 2 NW	90 99 98 97	5-11+ 8-28 8-28+ 8-29 8-28	3 2	1-30 1-31 1-25 1-25	3-13 (22°) 3-13 (19°) 3-13 (21°) 3-13 (21°) 3-13 (21°)	3-14 (28°) 3-29 (26°) 3-29 (28°) 4-18 (28°)	4-3 (32°) 4-18 (31°) 4-18 (32°) 4-23 (31°)	11-13 (32°) 10-19 (32°) 10-19 (31°) 10-19 (31°) 10-19 (27°)	12-1 (28°) 12-11 (25°) 12-11 (21°)	12-10 (23°) 12-25 (23°) 12-11 (21°) 12-11 (19°) 12-11 (19°)	272 287 273 273 273	262 257 257 227 204	224 184 184 179
OODSTOCK YTHEVILLE P O BLDG	98 93	8-28 8-28 7- 5	- 9 4	1-31 1-25 15+	3-13 (21°) 3-29 (23°) 3-14 (22°)	3-29 (25°) 3-29 (23°) 4- 4 (28°)	4-18 (31°) 4-18 (29°) 4- 4 (28°)	10-19 (26°) 10-19 (31°)	10-19 (27°) 10-19 (26°) 10-19 (27°)	12-11 (19°) 12- 2 (22°) 12-25 (23°)	248 248 286	204 204 198	184 184 194

See reference notes following Station Index.

							above level	_	s of re		or cl	osed	
Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation ab mean sea ler (feet)	Temperature	Precipitation	Evaporation	Month B	Month closed	Refer to tables
ABINGDON AFTON BOXWOOD CARDENS ALEXANDRIA POTOMAC YARDS ALTA VISTA AMISSVILLE		0055 0097 0166	WASHINGTON NELSON CAMPBELL RAPPAHANNOCK	HOLSTON RIVANNA POTOMAC ROANOKE RAPPAHANNOCK	36 42 38 02 38 49 37 06 38 41	82 00 78 50 77 03 79 18 78 01	2000 1250 20 503 550	3Р	8A 8A 3P 8A 8A				2 1 2 3 2 2
ANNANDALE APPOMATOX ASHLAND AUGUSTA SPRINGS BACON NR FAIRFAX		0243 0327 0356	FAIRFAX APPOMATTOX HANOVER AUGUSTA FAIRFAX	POTOMAC JAMES CHICKAHOMINY CALFPASTURE POTOMAC	38 49 37 21 37 46 38 07 38 52	77 12 78 50 77 29 79 18 77 21	310 825 220 1700 390	7A 11P	7A 8A 11P 8A MID				1 2 3 1 2 3 2 2
BALCONY FALLS BARCROFT BEDFORD BERRYVILLE BIG KNOB		0449 0551 0670	ROCKBRIDGE ARLINGTON BEDFORD CLARKE SCOTT	JAMES POTOMAC OTTER SHENANDOAH HOLSTON	37 38 38 52 37 20 39 09 36 40	79 27 77 06 79 32 77 59 82 30	725 190 950 580 3150	7A 8P 6P	7A 8P 6P 9A MID				1 2 3 1 2 3 1 2 3 2 2
BIG MEADOWS BIG MEADOWS 2 BLACKSBURG BLACKSTONE AIRPORT BREMO BLUFF POWER PLANT		0725 0765 0773	MADISON MADISON MONTGOMERY NOTTOWAY FLUVANNA	RAPPAHANNOCK RAPPAHANNOCK NEW NOTTOWAY JAMES	38 31 38 30 37 15 37 04 37 42	78 26 78 25 80 31 77 57 78 18	3420 3300 2170 440 225	5P 5P MID	5P MID 5P MID 8A			-	1 2 3 2 1 2 3 1 2 3 2
BRISTOL NR BUCHANAN BUCKINGRAM BUENA VISTA		1047 1121	WASHINGTON WASHINGTON BOTETOURT BUCKINGHAM	HOLSTON HOLSTON JAMES SLATE MAURY	36 36 36 37 37 32 37 33 37 44	82 10 82 10 79 41 78 33 79 21	1998 1920 875 550 835	6P 6P	6P 8A 7A 8A 8A				1 2 3 2 1 2 3 2 2
BUGGS ISLAND DAM BURKES GARDEN BYLLESBY CAMP LEE CAPE HENRY		1209 1255 1316	MECKLENBURG TAZEWELL CARROLL PRINCE GEORGE PRINCESS ANNE	ROANOKE NEW APPOMATTOX ATLANTIC	36 36 37 06 36 48 37 14 36 56	78 18 81 20 80 55 77 20 76 00	326 3250 2100 60 18	8A SS 4P MID	MID SS 8A MID MID				1 2 3 1 2 3 2 1 2 3 1 2 3
CAPRON CARDINAL CATAWBA SANATORIUM CHANTILLY CHARLOTTE COURT HOUSE		1383 1471 1570	SOUTHAMPTON MATHEWS ROANOKE FAIRFAX CHARLOTTE	NOTTOWAY CHESAPEAKE CATAWBA POTOMAC ROANOKE	36 44 37 25 37 23 38 53 37 03	77 16 76 22 80 05 77 26 78 38	100 10 2100 320 560	8A 6P 8A 6P 8A	8A 6P 8A 6P 8A		:		1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
CHARLOTTESVILLE 2 MI W CHARLOTTESVILLE 1 MI SW CHASE CITY CHATHAM 4 MI N CHATHAM SCS		1593 1598 1606 1614 1619	MECKLENBURG	RIVANNA RIVANNA ROANOKE BANNISTER BANNISTER	38 02 38 02 36 49 36 52 36 45	78 31 78 30 78 30 79 19 79 25	870 437 542 852 852	9A 5P 8A	9A MID 5P 8A MID	ر سا			1 2 3 2 1 2 3 1 2 3
CHERITON CHINCOTEAGUE CHURCHVILLE CLARENDON LYON PARK CLARKSVILLE			ARLINGTON	ATLANTIC ATLANTIC SHENANDOAH POTOMAC ROANOKE	37 17 37 56 38 14 38 54 36 38	75 58 75 26 79 10 77 05 78 24	11 26 1475* 200 286	4P 8A	4P MID MID 8A 8A				1 2 3 2 2 2 1 2 3
CLEVELAND CLIPTON FORGE CLINCHPORT COLUMBIA COOTES STORE			SCOTT FLUVANNA	CLINCH JACKSON CLINCH JAMES SHENANDOAH	36 57 37 49 36 40 37 45 38 38	82 09 79 50 82 45 78 10 78 51	1540 1055 1260 220 1050	ss	8A 8A 7A 8A 8A				2 2 2 1 2 3 2
COPPER HILL COVINGTON CROZET 2 MI N CULPEPER DAHLGREN PROVING GROUNDS		2041 2138 2155	FLOYD ALLEGHENY ALBEMARLE CULPEPER KING GEORGE	NEW JACKSON RIVANNA RAPIDAN POTOMAC	37 05 37 08 38 05 38 28 38 20	80 19 80 00 78 42 78 00 77 02	2600 1225 750 475 18	5P 6P MID	8A 8A 5P 6P MID			Í	2 2 1 2 3 1 2 3 1 2 3
DALE ENTERPRISE DAMASCUS DANTE DANVILLE DANVILLE DANVILLE		2216 2237 2245	ROCKINGHAM WASHINGTON RUSSELL PITTSYLVANIA	SHENANDOAH HOLSTON CLINCH DAN DAN	38 40 36 38 36 59 36 36 36 34	78 45 81 48 82 18 79 23 79 20	1300 1950 1765 590 590	7P 7A 6P MID	7A 8A 7A 6P MID				1 2 3 2 1 2 3 1 2 3 1 2 3
DAVENPORT DEERPIELD 2 MI N DELAPLANE DIAMOND SPRINGS DRIVER 5 MI NE		2315 2326 2368	BUCHANAN AUGUSTA FAUQUIER PRINCESS ANNE NANSEMOND	RUSSELL FORK CALFPASTURE POTOMAC CHESAPEAKE NANSEMOND	37 07 38 15 38 55 36 54 36 52	82 06 79 24 77 55 76 08 76 30	1600 1800 500 25 17	6P	7A 8A MID 6P 6P				2 2 2 1 2 3 2
DUNBAR DUNGANNON ELKWOOD 7 MI S EMORY EMPORIA 1 MI WNW		2548 2729 2782	WISE SCOTT CULPEPER WASHINGTON GREENVILLE	CLINCH CLINCH RAPPAHANNOCK HOLSTON MEHERRIN	36 58 36 50 38 26 36 47 36 41	82 45 82 26 77 46 81 50 77 33	2000 2500 314 2112 80	6P 5P	7A 8A 6P 5P 9A				2 2 1 2 3 1 2 3 2
EPISCOPAL HIGH SCHOOL FARWYILLE FIELDALE FLOYD FORAKER	ir Tr	2809 2941 2983 3071	FAIRFAX PRINCE EDWARD HENRY FLOYD DICKINSON	POTOMAC APPOMATTOX SMITH NEW CRANESNEST	38 49 37 18 36 43 36 55 37 05	77 06 78 23 79 57 80 19 82 30	250 450 875 2600 1500	4P SS 5P	4P SS MID 5P 8A				1 2 3 1 2 3 2 1 2 3
FREDERICKSBURG FREDERICKSBURG EMBRY PLANT FRONT ROYAL AIRPORT GALAX GLEN LYN		3267		RAPPAHANNOCK RAPPAHANNOCK SHENANDOAH NEW NEW	38 18 38 19 39 00 36 39 37 20	77 28 77 29 78 14 80 55 80 49	100 25 683 2380 1524	9A MID 8A	MID MID MID 8A 8A				1 2 3 2 1 2 3 2 1 2 3
GORDONSVILLE 6 MI S GOSHEN GREENMAY DOWNS GROSECLOSE HALIFAX		3470 3583 3623	LOUISA ROCKBRIDGE FAIRFAX WYTHE HALIFAX	NORTH ANNA CALFPASTURE POTOMAC HOLSTON BANNISTER	38 04 37 59 38 53 36 53 36 46	78 10 79 30 77 11 81 19 78 57	438 1300 337 2520 425	MID 6A 7P	MID 8A 6A MID MID				1 2 3 2 1 2 3 2 1 2 3
HAYSI HIGH KNOB HILLSVILLE HOG ISLAND LITTLE MACHIPONGO HOLLAND 1 MI E		3959 3991 4031	DICKENSON WISE CARROLL NORTHAMPTON NANSEMOND	RUSSELL FORK CLINCH NEW ATLANTIC BLACKWATER	37 05 36 54 36 46 37 28	82 18 82 38 80 44 75 41 76 47	1500 4150 2570 5 80	8P SS	8A MID 8A 8P SS				2 2 2 1 2 3 1 2 3
er e						, i							

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Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation a mean sea le (feet)	Temperature	Precipitation	Evaporation	Month	1	Refer to tables
HOLSTON HONAKER HONAKER HOPEWELL HOT SPRINGS		4078 4083 4101		HOLSTON CLINCH CLINCH JAMES JACKSON	36 50 37 01 37 03 37 18 38 00	82 05 81 59 82 02 77 18 79 50	3450 1950 2150 40 2195	5P 9A	BA MID BA 5P 9A				2 2 2 1 2 3 1 2 3
HURLEY INDEPENDENCE INDIAN VALLEY IVANHOE JEWELL RIDGE		4185 4229 4246 4322 4404	FLOYD WYTHE	TUG FORK NEW NEW NEW CLINCH	37 26 36 36 36 54 36 50 37 11	82 02 81 07 80 34 80 58 81 47	955 2540 2700 2100 2750		MID 6P MID 7A			MAR	2 2 2 1 2 2 2
JONESVILLE 1 JONESVILLE 1 JONESVILLE 2 JORDAN MINES KERRS CREEK			LEE	CLINCH CLINCH CLINCH POTTS MAURY	36 41 36 40 36 41 37 41 37 51	83 06 83 06 83 07 80 05 79 31	1400 1375 1525 1350 1400		7A 7A MID MID BA				2 2 2 2 2 2
LANGLEY AIR FORCE BASE LAWRENCEVILLE LEE EXPERIMENTAL FOREST LEESBURG LEXINGTON		4768 4802	ELIZABETH CITY BRUNSWICK BUCKINGHAM LOUDOUN	CHESAPEAKE MEHERRIN SLATE POTOMAC MAURY	37 04 36 46 37 32 39 07 37 47	76 22 77 51 78 33 77 34 79 26	9 254 500 321 1060	MID 3P 5P 8P	MID 3P 5P 6P 8P				1 2 3 1 2 3 1 2 3 2 2 1 2 3
LINCOLN LOUISA LOYES MILL LURAY LYNCHBURG 7TH ST BRIDGE		5050 5057	LOUDOUN LOUISA WASHINGTON PAGE	POTOMAC NORTH ANNA HOLSTON SHENANDOAH JAMES	39 07 38 01 36 45 38 40 37 25	77 43 78 00 81 41 78 23 79 09	500 437 2060 1120	6P 6P 5P	6P 6P 7A 5P 7A				1 2 3 1 2 3 2 1 2 3 2
LYNCHBURG WB AIRPORT MANASSAS 4 MI S MANION NR FAIRFAX MARION MARSHALL		5208 5218 5266	CAMPBELL PRINCE WILLIAM FAIRFAX SMYTH FAUQUIER	JAMES ACCOQUAN POTOMAC HOLSTON RAPPAHANNOCK	37 20 38 42 38 51 36 51 38 52	79 12 77 26 77 21 81 31 77 53	947 172 450 2200 575	MID 5P	MID 5P .MID 7A 8A	·			1 2 3 1 2 3 2 2 2
MARTINSVILLE FILTR PLANT MC DOWELL MC GAHEYSVILLE 3 MI S MEADOWYLEW MENDOTA		5423 5451	HIGHLAND ROCKINGHAM	SMITH BULLPASTURE SHENANDOAH HOLSTON	36 42 38 20 38 21 36 42	79 52 79 30 78 44 82 19	760 2050 1080 1350	8A	8A 7A 7P 7A			SEPT	1 2 3 2 2 2
MONS MONTEBELLO MONTEBELLO FISH NURSERY MONTEREY MOORES CREEK DAM		5685 5690 5698	BEDFORD NELSON NELSON HIGHLAND ROCKBRIDGE	OTTER MAURY MAURY POTOMAC MAURY	37 27 37 54 37 51 38 25 37 45	79 37 79 06 79 07 79 36 79 38	2505 2500 2700 2950 1780	4P 8A 8A	4P 8A MID 8A 6P				1 2 3 1 2 3 2 1 2 3 2
MOUNTAIN LAKE MOUNT JACKSON MOUNT WATHER NATURAL BRIDGE STATION NEW CANTON	•	5822 5851 5941	GILES SHENANDOAH LOUDOUN ROCKBRIDGE BUCKINGHAM	NEW SHENANDOAH POTOMAC JAMES JAMES	37 24 38 50 39 04 37 35 37 42	80 30 78 39 77 55 79 31 78 18	3600 1050 1725 800 300	6P 8A SS	6P 8A 5P SS			MAY	1 2 3 1 2 3 1 2 3 2 1 2 3
NEW CASTLE NEWPORT NEWPORT NEWS NORFOLK WB AIRPORT NORFOLK WB CITY		6046 6054	PRINCESS ANNE	CRAIG NEW JAMES CHESAPEAKE CHESAPEAKE	37 30 37 19 36 59 36 53 36 51	80 06 80 31 76 26 76 12 76 17	1300 1900 25 25 11	7P MID MID	7A 8A 7P MID MID				2 2 1 2 3 1 2 3 1 2 3
NORTH RIVER DAM OLINGER ONLEY 1 MI S ORANGE 1 MI SW PEDLAR DAM		6345 6362 6383	AUGUSTA LEE ACCOMAC ORANGE AMHERST	SHENANDOAH CLINCH ATLANTIC NORTH ANNA PEDLAR	38 21 36 49 37 41 38 14 37 41	79 16 82 52 75 43 78 06 79 17	1918 1400 40 514 800	6P	8A 8P 6P 6P				2 2 1 2 3 2 2
PENNINGTON GAP 1 MI W PHILPOTT DAM PIEDMONT FIELD STATION PILOT PINNACLES MEADOW OF DAN	,	6712 6723	LEE HENRY ORANGE MONTGOMERY PATRICK	POWELL SMITH NORTH ANNA NEW DAN	36 46 36 47 38 13 37 03 36 41	83 02 80 82 78 06 80 22 80 25	1386 831 500 2200 2820	8A 4P 5P	8A 4P 5P 8A 6P				1 2 3 1 2 3 1 2 3 2 2
PULASKI AIRPORT PULASKI AIRPORT QUANTICO 1 MI S RADFORD RANDOLPH		6979 7004	PULASKI PRINCE WILLIAM	NEW NEW POTOMAC NEW ROANOKE	37 02 37 05 38 30 37 08 36 54	80 47 80 47 77 19 80 04 78 43	1850 2190 12 1800 334	MID	MID MID MID 8A 8A				1 2 3 1 2 3 2 2
RAPIDAN RICHMOND 13TH ST BRIDGE RICHMOND WB R E BYRD FIELD RICHMOND WB CITY RIVERTON		7196 7201 7206	HENRICO	RAPIDAN JAMES JAMES JAMES SHENANDOAH	38 18 37 32 37 30 37 32 38 57	78 04 77 25 77 20 77 45 78 11	300 67 162 500	MID	MID MID 8A				2 1 2 3 2
ROANOKE RIVER GAGE ROANOKE WB WOODRUM FIELD ROCKFISH ROCKY KNOB				ROANOKE ROANOKE ROANOKE ROCKFISH LITTLE	37 16 37 16 37 19 37 48 36 51	79 56 79 56 79 58 78 46 80 22	907 1176 500 3100	11P MID 5P	MID 8A 5P				1 2 3 1 2 3 2 1 2 3
ROCKYMOUNT ROSE HILL SALTVILLE SALTVILLE SALTVILLE ALKALI WORKS SALUDA		7372 7501 7506	FRANKLIN LEE SMYTH SMYTH MIDDLESEX	ROANOKE CLINCH HOLSTON HOLSTON RAPPAHANNOCK	37 00 36 40 36 53 36 53 37 36	79 54 83 22 81 46 81 46 76 36	1132 1475 1725 1735 107	8A 8A 8A	8A 7A 8A 8A 8A				1 2 3 2 2 1 2 3 1 2 3
SLATE SMITHFIELD SOMERGET SPEEDWELL SPRING CREEK		7864 7904 7971 7996	BUCHANAN ISLE OF WIGHT ORANGE WYTHE TAZEWELL	LEVISA FORK JAMES RAPIDAN NEW CLINCH -	37 16 36 59 38 14 36 49 37 00	81 56 76 38 78 15 81 10 81 39	1550 37 390 2340 3150		9A 7P 8A 8A MID				2 2 2 2 2
STAR TANNERY STATE FARM STAUNTON STONY CREEK STUART		8054 8062 8129	FREDERICK GOOCHLAND SUSSEX PATRICK	SHENANDOAH JAMES SHENANDOAH NOTTOWAY SOUTH MAYO	39 05 37 38 38 09 36 57 36 38	78 26 77 51 79 04 77 24 80 16	950 185 1480 77 1350	8A 8A	MID 8A 8A MID 8A				2 2 1 2 3 2 1 2 3
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See reference notes following Station Index.

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Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Temperature	Precipitation	Evaporation	Month opened	Month closed read	Refer to tables
SUFFOLK LAKE KILBY SUGAR GROVE SWORDS CREEK TAZEWELL TIMBERVILLE	·	8200 8282 8354	NANSEMOND SMYTH RUSSELL TAZEWELL ROCKINGHAM	NANSEMOND HOLSTON CLINCH CLINCH SHENANDOAH	36 44 36 46 37 02 37 07 38 38	76 36 81 24 81 55 81 31 78 45	23 2680 1900 2450 1030	.6P 5P 7P	8A 5P 7A 8A 7P				1 2 3 1 2 3 2 2 1 2 3
TROUT DALE TYE RIVER URBANNA WB VIENNA TYSONS CORNER WALKERS CHAPEL		8600 8642 8737	GRAYSON NELSON MIDDLESEX FAIRFAX ARLINGTON	NEW TYE RAPPAHANNQCK POTOMAC POTOMAC	36 42 37 40 37 38 38 55 38 55	81 26 78 57 76 35 77 14 77 08	3100 551 31 500 240	MID	MID 7A MID 7P 5P				2 2 1 2 3 2 2
WALKERTON WALLACE WASHACETON LAKE DRUMMOND WASHINGTON VIRGINIA WASHINGTON WB CITY DC		8833 8837	KING AND QUEEN WASHINGTON NORFOLK RAPPAHANNOCK	MATTAPONI HOLSTON ATLANTIC RAPPAHANNOCK POTOMAC	37 44 36 39 36 37 38 43 38 54	77 02 82 08 76 26 78 10 77 03	35 1885 25 650 72	7P MID	7P 7A 6P 9A MID				1 2 3 2 2 2 1 2 3
WASHINGTON WB NATIONAL APT WATERFORD WATERLY HILLS WESTBROOK SANATORIUM WHITE GATE		8938 8984	LOUDOUN ARLINGTON HENRICO GILES	POTOMAC POTOMAC POTOMAC JAMES NEW	38 51 39 11 38 53 37 36 37 12	77 02 77 36 77 07 77 24 80 50	64 525 340 200 1850	MID 7A 6P 6P	MID 7A 6P 6P MID				1 2 3 1 2 3 1 2 3 1 2 3 2
WHITETOP MOUNTAIN WILLIAMSBURG 2 MI NW WILLIAMSBURG WILLIAMSBURG WILLIAMSVILLE WINCHESTER RESEARCH LAB	:	9146 9151	WASHINGTON JAMES CITY BATH	NEW JAMES JAMES BULLPASTURE POTOMAC	36 38 37 17 37 16 38 12 39 11	81 36 76 45 76 42 79 34 78 10	5470 100 70 1700 720	5P 6P	8A 5P MID 7A 8A				1 2 3 2 2 1 2 3
WOODSTOCK WYTHEVILLE P O BLDG		9263 9301	SHENANDOAH WYTHE	SHENANDOAH NEW	38 53 36 56	78 30 81 05	875 2299	SS MID	8A MID	,			1 2 3 1 2 3

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 in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote 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.

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

- No record. Also later dates or months. 1 to 10 days' record missing; see monthly Climatological Data for detailed daily record.

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