### U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## **VIRGINIA**

ANNUAL SUMMARY 1952
Volume LXII No. 13



#### VIRGINIA - 1952

#### S. S. Schworm, Section Director - Richmond

#### WEATHER SUMMARY

## STATE AVERAGES AND DEPARTURES FOR 1952 (Comparative date by months)

Month	TEMPERATURE	-DEPARTURE	PRECIPITATIO	N-DEPARTURE	Snow , sleet , hail
January	41.4	4.7	4.72	1.42	1.5
February	40.7	3.4	2.85	-0.16	2.1
March	44.4	-1.2	4.97	1.34	1.5
April	56.0	1.4	4.89	1.60	Trace
May	63.9	-0.2	3.93	0.13	Trace
June	76.0	4.1	2.72	-1.42	Trace
July	77.8	2.5	3.31	-1.34	Trace
August	74.1	0.1	5.99	1.50	Trace
September	67.0	-1.4	3.22	-0.06	Trace
October	54.0	-3.4	1.47	-1.45	Trace
November	47.5	0.7	5.24	2.65	2.0
December	38.1	0.2	2.97	-0.13	1.0
Annual	56.7	0.9	46.28	4.08	8.1

The annual mean temperature, 56.7° was 0.9° above normal. January, February, and June were considerably warmer than usual, while October was quite cool. The average precipitation was 46.28 inches, which was 10 percent above normal; however, severe drouths occurred in many parts of the State. Precipitation in the form of snow, sleet, and hail amounted to little more than half of the usual amount.

#### SYNOPSIS BY MONTHS

JANUARY: An unseasonably warm month with all stations reporting abnormally high mean temperatures. The highest temperature for the month, 81° at Roanoke on the 1st, lacked only one degree of equalling the highest in any January. The only generally cold spell occurred during the last three days. Copious precipitation fully restored ground water which had been deficient for several months. Minor floods occurred in portions of the Roanoke and James Rivers on the 29th and 30th, but no damage was reported.

FEBRUARY: This was another warm month, Precipitation was very slightly below normal. An all day rain on the 3rd following the soaking rains in late January caused rises in the James and Roanoke Rivers to above flood stages in portions of their basins on the 4th and 5th. No damage resulted. Considerable plowing was done after the middle of the month. Extensive plantings of potatoes and peas were made in the Norfolk and lower Eastern shore areas. Fruit buds showed near normal development. Small grains appeared to have wintered, very well.

MARCH: Temperatures averaged somewhat below normal, while precipitation showed an excess of 36 percent. Rainfall totalling around four inches over the lower Maury, the South and upper Mechum Rivers, and substantial, but lighter, rains in other portions of the James River Basin on the 10-11th caused the James River to exceed flood stage at Buchanan and at and below Bremo Bluff. No serious damage was done. Several families in Buena Vista were driven from their homes for a few hours. The James River exceeded flood stages by one to two feet at and below Bremo Bluff as a result of heavy rains in the eastern half of the basin on the 23-24th. High winds on the 11th caused considerable damage in Chesterfield County and in the Hampton Roads area. The cool weather favorably retarded fruit buds, but the wet soil delayed plowing. Pastures started very slowly and furnished no grazing.

APRIL: This month averaged both warmer and wetter than normal. The wettest area was comprised of the six or seven northernmost counties where rainfall totalled more than 7.00 inches at nearly every station. Tornadoes in Augusta and Rockingham Counties on the morning of the 5th injured two people and caused extensive damage to turkey and chicken farms. Five consecutive days on the 24-28th with scattered heavy rains caused a moderate rise in the James River, but crests were below flood stage at all points except Columbia where the crest passed flood stage by 0.1 foot. Fruit prospects were unusually good with rather heavy bloom on peaches and apples. Tobacco plants were plentiful and generally healthy. Potato stands were unsatisfactory in the chief commercial areas. Dry cool weather on the Eastern Shore was unfavorable for truck crops and strawberries.

MAY: A nearly normal month in both temperature and precipitation. A wind and hall storm on the 10th caused

considerable damage to property and crops in Floyd County. A severe thundersquall did much damage in Arlington County on the 25th. Corn planting was the principal farm work during early May with tobacco transplanting in the southern Piedmont counties and the extreme Southwest becoming more active later in the month. Cotton and peanut planting was completed in the Southeast. Pastures had become unusually good at the end of the month.

JUNE: This was the second hottest June of record, exceeded only in 1943. The highest temperature, 106° at Clarksville and Walkerton on the 26th was the second highest extreme for June, exceeded by 107° at Lincoln in 1934. Of the 93 stations reporting temperatures, 51 had maximum readings of 100° or higher. It was the sixth driest June of record and the driest since 1944 with only 66 percent of the normal rainfall. Many severe local storms occurred during the month. Losses from lightning, wind, and rain were incurred on the 9th at Prospect in Prince Edward County, Dinwiddie County, Petersburg, and Richmond; on the 10th at Gordonsville, Middletown area of Frederick County, Chesapeake and Westville districts of Matthews County; on the 17th in Patrick County; on the 22d at Danville; on the 27th at Suffolk and Richmond; on the 29th in most of Southside and Tidewater Virginia, four persons injured by falling trees at Fairview Beach and much damage in Richmond. A hailstorm on the 24th did extensive damage to tobacco and corn in a narrow strip from Gretna in Pittsylvania County to near Halifax. Peanuts and cotton made favorable growth, but corn and tobacco suffered from lack of sufficient rain. Pastures became rather short.

JULY: Temperatures were much above normal, and precipitation was much below. Of the 95 stations reporting temperatures, 69 reported readings of 100° or higher and three stations reported a maximum of 107°. The Eastern Shore was extremely dry, and crops suffered heavy damage. Pastures, corn, and tobacco were adversely affected by the dry weather, and the early potato crop was greatly reduced. Several severe local storms caused much damage. At Upperville lightning struck stables and killed Bold, the 1951 Preakness winner. Hail caused about \$80,000 damage in Patrick County on the 9th. Hail, lightning, and wind caused great damage in the Lynchburg area on the 23d. About \$200,000 damage to crops, chiefly tobacco occurred in Pittsylvania County on the 29th.

AUGUST: Near normal temperatures and moderately heavy precipitation were generally favorable for crops; however, the Eastern Shore and some southwestern counties continued too dry. Pastures were much improved in most areas. Severe wind storms occurred in Lee and Accomac Counties, and minor damage in several Shenandoah Valley Counties on the 16th. A small tornado at Franconia on the 31st destroyed one house and damaged several others. The remnants of a tropical hurricane caused high winds and heavy rain in most sections on the 31st.

SEPTEMBER: Temperatures were slightly on the cool side, while precipitation was approximately normal. A dying tropical hurricane passed through the State on August 31st and October 1st and caused unusually heavy rains in most sections. The Roanoke River rose to 9.6 feet above flood stage at Altavista on the 1st and to 5.5 feet above flood stage at Randolph on the 2d; and the James River passed flood stage at Columbia on the 2d, but no material damage was reported. The weather was generally favorable

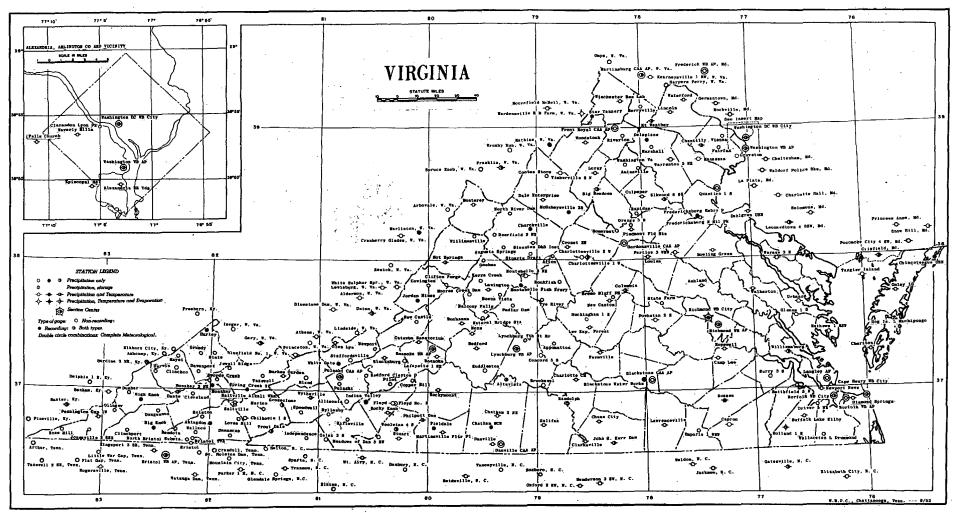
for agriculture, and harvest operations proceeded normally.

OCTOBER: This was the sixth coolest October of record. Precipitation amounted to only half of the normal amount, and 99 percent of the rainfall occurred by the 11th of the month. During a severe electric storm at Oakhill in Loudoun County on the 2d a man was killed by lightning. Rainfall was insufficient for growing crops, but the dry weather permitted harvest operations to advance rapidly. Freezes or frost on the 24th ended the growing season except in the Norfolk area and portions of the Eastern Shore.

NOVEMBER: Temperatures were a little above normal because of an extended warm spell from the 15th through the 27th. Precipitation was double the normal amount, making it the third wettest November of record. Several stations in the

extreme southwestern counties had 10 to 14 inches of snow on the 21-22d. Severe forest fires which had begun in late October were extinguished on the 3-4th. All harvesting except soybeans was completed. The wet weather beginning on the 10th renewed soil moisture and aided fall sown crops. Strong winds on the Chesapeake Bay on the 3d damaged many small boats in the coastal sections of Lancaster and Northumberland Counties. On the 21st strong winds and high tides damaged many fishing boats in the same area, and caused some minor flooding in Norfolk.

DECEMBER: This month was near normal with only a slight excess in temperature and a very small deficiency in precipitation. Farmers took advantage of the colder periods to do home butchering. Strong gusts of wind at Willoughby, near Norfolk, caused one aeroplane to break loose from its moorings and did other minor damage. - S.B.T.



Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

Table 1	,		A۱	/ER	AGI	2 11	MP	LRF	71 U	RES	AI	ו עו	JEP.	AKI	UKI	1 G2	NO	IVI I	NON	MA.	L.					1952
	Jan	pary	Feb	ruary	Ma	rch	A	pril	м	lay	Ju	De .	Ju	ıl <del>y</del>	, Aug	rust	Septe	mber	Oct	tober	Nove	mber	Dece	mber	Ann	nual
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temporature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ALEXANDRÍA POTOMAC YDS ANNANDALE ASHLAND I SW BALCONY FALLS BEDFORD	41.1 39.3 41.8 42.9	7.0	41.5M 37.2 40.4 41.6	4.1	44.2 41.0M 45.1		57•7 55•0		65.0M		77.8 76.8		80.3 78.0		76.9M		69•2 64•8		55.6 53.3 51.6 54.9	- 4.6 - 3.3	48.5 49.2 46.3 48.9	2.2	38.5 37.0 39.6	•5	56.3	
BERRYVILLE BIG MEADOWS BLACKSBURG BLACKSBURG 2 BLACKSTONE CAA AP	35.1M	6.4	32.5M 39.5 42.3	3.3	36.3M 43.9 46.8	- 1.5	53.9 58.1	•1	55.1M 62.8 65.8	- 1.5	68.0M 74.3 78.0	14.1	68.9 75.0 79.7	2.6	74.3 65.3 71.4 75.9	- •2	65.7 59.5 63.7 68.7	- •2	51.2 48.7h 51.7h 55.6	1	45.1 42.5M 45.4M 49.6	3.3	34.3 31.1M 37.0 40.2	1.3	49.1 58.7	1+3
BOWLING GREEN BRISTOL BUCHANAN BURKES GARDEN CAPE HENRY WB CITY	43.6 42.6 43.3 36.5 46.4	B. 3 6. 6 4. 3 6. 2	36.8	6.7 2.8 4.4 2.9	38.9	9 - 1.5 1.4	59.4 57.4 56.9 49.2 58.5	1.5	65.9 65.9 64.7 57.0 66.2	- 1		6.7 5.0 4.7 4.9	79.1 78.8 78.5 68.3 79.9	4.6 2.6 1.1 2.4	74+3 66+6M	5.2 3 .5 1.2	70.4 67.7 67.2 58.4 73.1	3 - 2.5 - 2.2 1.3	54.4	- 2.7 - 3.7 - 4.4 - 2.6	41.0	. 8	40.6 39.3 39.6 33.4 43.8		57.8 50.1	1.1 .0 .2.1
CAPRON CATAMBA SANATORIUM CHANTILLY CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W	40.1 37.2 42.0H 40.8	. 3.5	38.6M 37.7 40.9M	3.4	4743 4248 4046 4548M 4542	- 1.0 - 2.4 - 1.2	59.21 53.5 53.9 56.51 57.0	- •4	65.9 62.2 60.6 66.1 65.4	1	78.4M 74.0 73.3 77.1M 77.1	2.5 4.3 4.2	79.6 74.8 76.7 78.4M 79.0	2.7 2.1 2.3	76.3 70.1 72.9 75.4M 75.4	1.0 - 1.5	70.9M 64.3 64.5 67.7M 68.6	- 2.5 - 1.0	52.9 51.9 55.5			• 5	41.8 37.1 35.0 38.7M 38.5	- 1.2	54.7 54.1 57.9	1
CHARLOTTESVILLE 1 W CHASE CITY CHATHAM 2 NE CHERITON CHILHOWIE 1 S	42.0	2•9	40.9 41.7 43.1M	•7	45.4 45.0 47.9M	- 147 - 46	56.2 59.94	6	65.3 65.8 66.8 61.2	2 - 1.1	76.7 77.5 78.5M 72.3	.3.3 2.8		1.6			67.3 66.8 72.1M	- 3.3 4			49.2 51.4 48.0 52.0M 40.1	•0	38.8 41.1 38.9M 43.2M 35.2	- 1.		- •3
CLARKSYTLLE COLUMBIA CROZET 2 N CULPEPER DAHLGREN PROV GROUND	40.5 42.8M 41.2 41.1	3.5 6.5 4.6	41.9 39.5M 41.5	2.6 3.2 3.8	44.3	- 1.7 - 1.4 - 1.3	57•1	3.9	65.2 64.1 66.0 63.9	1.9	76.8 77.0× 76.0	5 • 0 2 • 9	80.1	2.9	74.7 73.5 74.0M 76.8	- •2 •1 1•6	70.0 67.1 67.0 68.0 69.4	- 1.6 - 1.6 - 41	55.0 55.9 56.0 54.9	3 - 3.0	48.3 49.1 46.3M 47.4	- 1.1	38.5	-, 44 - 4	57.7 57.1 57.6	.7 1.9 1.2
DALE ENTERPRISE DANTE DANVILLE DANVILLE DANVILLE CAA AP DIAMOND SPRINGS	39.3 41.5 45.2 44.5 45.8	5.9 5.4 5.0	43.9	1.2	43.4	5 - 1.9 - 1.9	52.9 52.3 59.2 58.6 60.7	1 '		1.0	79.4	3.5	81.2 80.3 79.8	9.1 1.2 3.2	71.0 76.4 76.2 77.8	- 1.1 - 1.4	63.8 67.8 69.2 69.5 72.4	- 3.0 - 3.3 2	53.3 55.8 55.4 59.2	- 2.6 - 4.9 - 3.4	49.2 52.3	.9	40.7	- 1.5	9	2
OITCHLEY 1 S ELKWOOD 8 SE EPISCOPAL HIGH SCHOOL FALLS CHURCH FARMVILLE	39.9 40.4 38.6 43.6	543	40.4 38.6 42.7	4.1 4.0	43.9 42.3 46.3	- 1.5	55.6 57.3 55.8 57.0	1.5	64.9 63.6N 64.8	- 2.5	75.3 77.6 76.2 77.6	3.4	78.0M 79.9 78.7M 78.8	•6	76.3 75.7M 76.3M	- •1	66.1M 69.3 67.3 67.3	- 1.4 - 2.9	1	4- 4-0	49.2 46.5 49.0 46.7 48.8	.0	38.0M 36.6 39.3	•:	1	.5
FLOYD FORT LEE FREDERICKSBURG FRONT ROYAL 6 NNW GLEN LYN	40.4 42.5 39.5 37.9 42.4	5.6 3.0 6.2	41.8 38.3 38.3 42.2	5•1 1•3 6•3	46.5 42.3 41.0	- 1.0 - 4.4 1.8	53.5 58.0 55.3 53.7 56.4	2.2	64.9	6	74.0	4.6 3.1 4.1	74.3 79.6 79.4 77.2 77.0	2.5 2.8 3.0	71.2M 76.2 76.1 73.3 73.5	1.0	63.0 68.3 67.2 64.8 65.7	- 2 · 1 - 2 · 1 - 1 · 7	54.B 53.5 52.0	- 3.9 - 4.4 - 3.6	44.7 49.7 46.8M 45.7 46.4	1.8	37.6 39.8 36.7M 35.1		54.6 58.3 56.4 54.5	1.3
GLENNS 1 5 GORDONSVILLE CAA AP HALIFAX HOLLAND 1 E HOPEWELL	44.5 38.7 43.5 46.4 45.5	5.1 5.6	3848 42.9	3.5 3.6		1.3 - 1.4 2	50.5 54.6 57.8 60.2 60.3	2.5	66.1 63.4 65.8 67.6 67.7	1.3	75.2 78.8 78.9	3.6 4.9	81.3	3.0 2.3	78.5		71.4 65.0 68.5 70.4 71.4	3.8	51.6 55.7 56.5 57.6	- 3.0 - 4.0 - 2.3	45.6 48.2 51.4 51.7		35.8 39.6 41.4 41.1		55.3 58.8 60.2 1 60.7	1.2
HOT SPRINGS JOHN H KERR DAM LANGLEY AIR FORCE BASE LAWRENCEVILLE LEE EXP FOREST	36.5 44.3 45.4 45.7 40.7	4.9	43.9 39.2	3.2	47.3 49.8 48.3 43.8	- 1.0 2.0	51.5 57.8 60.6 59.8 54.7		61.2N 67.2 68.0 67.0 63.3N	1	78.3 79.4 79.4 76.6	5•1	71.9 80.5 81.3 80.5 77.6	2.9	68.6 76.2 79.1 76.5 72.7M	1.7	69.9 66.3M	1.2	55.4 58.6 55.6 53.9	- 3.1	49.4 52.2 51.0 47.7	1.8	40.1 43.0 40.0 38.0		59.0 61.2 59.8 56.2	2.3
LEXINGTON LINCOLN LOUISA LURAY LYNCHBURG WB AIRPORT	42.3 39.0M 41.5 39.5M 42.1	7,9 5,6 5,9	39.5 40.9 38.8 41.4	5.5 3.2 3.1	42.3. 45.3 42.6N	1.6 - 1.6 1 1		2.9 3.3	64.3 63.3 64.5 62.3 65.1		74.7M	4.8 3.7 5.7 3.8	78.6 76.1M 77.7		73.4 74.8 75.1 73.2 73.4	1.3	66.2 67.8 67.3 65.5 66.5	6 9 8	53.9 54.8 53.7	- 1.4 - 3.4 7 - 3.0	46.9 47.9 46.8 48.2	1.2	39.2 37.2 37.8 35.7M 38.8	2.1	56.9 1 56.4 57.3 55.2 57.2	2.7 1.5 2.1 1.2
MANASSAS MARTINSVILLE FILT PL MATHEWS 1 SSW MONS MONTEBELLO 3 NE	39.6 42.4 43.0 38.7M 37.6M	4.1	39.8 40.9 42.0 37.7M 37.7	•6	42.8 45.9 46.4 41.4 40.3	- 2.8	55.8 56.8 58.5 51.9 50.4	•	62.8 64.2 65.1 60.4 60.1M	- 2.8	76.4 72.6 73.5M	2.7	77.6 77.5 79.5 72.4 72.9	1.4	74.1 73.9 68.2 69.5	- 1.8	66.7 65.7 62.7M 63.6	- 3.4	53.1 51.8 50.5 51.4		47.8 45.9 43.9	- 1.8	36.8 37.3 40.0 34.3M 34.3	- 1.7	56.0 56.5 52.9	- 1.2
MONTEREY MOUNT WEATHER NEW CANTON NEWPORT NEWS NORFOLK WB AIRPORT	33.3 42.5 47.6 45.1		35.4M 34.3 41.2 45.7 43.6	3.6 3.1 2.9		1.8	56.3 61.9 59.2	5.1	61.0 57.5 63.9 69.6 66.9	2.7	73.6 70.2 75.9 82.2 78.6	3.7 5.9	74.8M 75.2 77.0 83.7 80.9	3.6 .9 3.7	70.9 70.3M 73.7 79.5 77.9	- •3 2•1	63.6 62.4M 66.0 73.4 71.9	- 2.7	52.7N 50.3 53.6 60.4 58.0	- 3.3 - 3.8		1.3	33.4 33.9 38.9 45.2 43.2	• •	51.6 56.9 62.8 60.4	.7 .6 3.0
NORFOLK WB CITY ONLEY 1 5 PARTLOW 3 WNW PENNINGTON GAP 1 W PHILPOTT DAM	46.8 43.1 40.1 42.2M		41.0	2.6 1.8 4.5	46.0 43.5N	. 44	60.6 57.7 54.7M	3.3	68.2 65.2M	1.2	79.7 76.9 75.0 74.9	4.4	82.0 80.0 78.4 76.2	3,3	79.2 76.5 74.6 73.7	•6	73.5 70.0 66.1 65.0	- 1.9 - 4 - 3.2	56.1 53.3 50.3	- 3.2	47.0	1	41.0 37.7 36.9	- •5	58.B 55.2	2.4
PIEDMONT FIELD STATION POWHATAN 2 E PULASK1 CAA AP QUANTICO 1 S RICHNOND MB AP	41.3 40.7 39.4 39.9 42.4	6.7	40.8 39.9 38.5 39.6 42.2	3.7	44.5 44.0 41.0 43.4 46.3	- 1.5	5B•1	2.5	64.2M 63.1 61.3 64.6 65.4	.6 .1	77.0 75.2 73.4 75.5 77.6	4.4	76.9 74.0 79.1 80;4	2.7	74.8 73.5 69.3 75.9 76.4	•5	68.5 65.4 61.3 58.3 69.2	•2	55.1 52.0 49.3 53.6 55.2	- 3.0	48.5 45.6 42.7 47.0 49.4	3.3	37.6 37.1 35.5 37.1 39.2	1.4	57.3 55.9 53.2 56.7 58.5	1.1
RICHMOND WB CITY ROANOKE WB AIRPORT ROCKY KNOB ROCKYMOUNT	43.5 42.9 42.1 39.1 46.4	5.1 4.3 8.7	43.1 42.5 42.0 37.3 44.0	2 • 8 5 • 3	45.9 45.1 41.5	- 1.5 - 2.2	56.3 51.6 55.7M	1.0	65.8 64.9 65.2 60.9 62.0	3	78.0 76.9 77.8 73.2M	4.6 5.9	80.5 77.6 78.3 72.0M 77.3	1.9 2.6 2.2	76.8 72.8 73.4 68.4M 72.8M	- 1.9 - 1.1 1.0	66.8 62.0M	- 3.4 - 1.6	56.3 54.1 54.4 49.9	3.1	48.0 47.5 44.9M	1.2	40.6 40.4 39.5 35.8M	4	59.3 57.3 57.4 53.0	1.4
SALTVILLE ALKALI WORKS STAUNTON D AND B INST STUART SUFFORK LAKE KILBY SUSSEX	41.9 40.5 44.3 43.9	4.8	41.9 38.3 42.9 43.3		45.1 43.2 45.4 47.1 47.4	- 1.1 7	56.2 53.4 56.8M 59.2 59.4	.3	65.6 62.8 65.0 66.3 67.0	6	77.9 75.5 75.8 77.7 78.2	4.7	78.2 76.4 77.0 80.3 79.4	1.9	74.5 72.6 72.5 77.4M 76.5	4	68.8 64.6 66.5 70.6 69.2	- 2.8	52.4 53.7 55.9 56.2 55.2	- 3.5 - 2.0 - 2.3	43.9 46.8 48.5 50.2 49.9M	1.6	36.7 36.8 41.4 41.0 39.7	2	56.9 55.4 57.8 59.4	2•1
TANGIER ISLAND TIMBERVILLE 2 N URBANNA MALKERTON WARRENTON 5 NE	38.5 44.3 42.6 39.4M	5.0	36.5 43.0 42.3M 38.5		41.4 47.4 47.3 41.4M	•1	52.5 59.2 60.2 55.3	4 • 2	61.1 66.2 66.3 62.5		73.0 78.9 78.4 74.6	3.6	75.4 81.0 80.5M 78.0	3.4	71.1 78.0 76.6M 73.9	.9	63.0 72.1 69.8 67.5	3	51.2 57.4 55.4 54.5		50.2 47.4N	2.0	44.1 34.8 40.4 39.8 35.8	1.5	53.7 59.9 59.1 55.7	1.7
WARSAW 2 N WASHINGTON WB NAT AP WATERFORD WAVERLY HILLS WILLIAMSBURG	42.3 40.7 35.5 39.7 42.9	7.3	41.2 41.1 36.2 40.0M 41.5	5.8	45.4 43.3 39.0 43.1 46.9	- 2.2		1.9	59.4 53.6 65.1	- 1.0	1	2.2	80.3 80.5 74.8 79.1 75.6	3.7	76+1 76+2 72+1M 75+5 72+4	1.2	68.8 68.9 63.8 68.3	• 8	55.4 55.3 54.6 53.5		48.2 44.1M 48.6 49.8	3.0	38.8 38.9 34.3 38.2 40.6		58.0 57.6 56.9	1.6 2.6
WINCHESTER 2 SSW WOODSTOCK WYTHEVILLE SECTION AVERAGE	39.1 39.9 40.2	7.2	39.3 39.7 39.8	5.2 4.7	42.0 42.9 42.5	- 1.1 - 1.3 .2 - 1.2	55.0 52.9	2.3	62.8 62.8 59.7	- 1.0 4 - 1.7	75.3	4.9 4.3	78.4 78.0 73.7	3.2 1.1	74.0 73.8 69.6	- •9	66.6 66.3 62.8	- 1.2		- 3.5	43.4	2.1	36.2 37.0 36.1	1+5 +B	55.8 56.0 53.7	1.2 1.8 1.1
SECTION AVERAGE	74.0	•• 1		2,4		1.02	20.0		.,,	• 2				Z + 3	/1	. •1	0/40	- 1.4	34.0	- 3.4	47.5	•7	38.1.	•2	56.7	.9

Table 2		<del>,</del>		1	OIA	AL P	'RE'	CIP	IIA.	IIOI	N A	עמ	DE:	PAR	101	KES	rn	JM —	NO	KM.	ML.			-		· · · · ·	IRGINIA 1952
		Janu	ary	Febr	uary	Marc	op.	Ap	ril	Ма	у	Ju	n.e	Jul	у	Augu	ıet	Septer	nber	Octo	ber	Nove	nber	Dece	mber	An	nual
Station		Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departura	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABINGDON AFTON BOXWOOD GAI ALEXANDRIA POTOM ALLISONIA ALTAVISTA	RDENS AC YDS	4.84 5.59 4.60 E 4.85	2.16	1.95 3.22 1.63 1.38 2.75	I	4.24 7.24 3.85 5.21 4.74	3.94	7.06 3.86 4.46	3.69	3.69 6.66 4.90 1.67	2481	3.76 1.53 3.17 1.92 2.12	-1.88	5.91 3.77 4.32 4.40 4.08	-1.03	3.99 3.59 7.35 6.09 6.48	-1.52	1.60 3.77 3.12 .80 4.11	- •11	.77 1.59 .54 1.05 1.05	-2.55	4.62 5.57 6.47 4.48	2.78	2.74 3.58 2.55 2.37 3.05	•50	40.24 E53.06 49.56 E43.04	9.83
AMISSVILLE ANNANDALE APPOMATTOX ASHLAND 1 SW BALCONY FALLS		3.65 4.78 4.58 4.92	1.10	2.43 1.88 3.09 3.83	i	4.91 4.54 6.20 8.01	4.46	5.25 3.76 5.11	1.74	4.70 1.78 4.06	•44	3.53 3.29 2.27	-1.49	3.51 2.57 3.58	55	4.61 4.61 8.80	4.12	3.70 4.26 4.12	•63	1.40 1.73 1.63	1	6.74 4.65 7.01 4.16	4.72	2.79 2.23 3.29	- •71 •06	45.82 E42.98 53.78	
BEDFORD BERRYVILLE BIG KNOB BIG MEADOWS BLACKSBURG		4.81 3.11 4.72 5.30	.80 1.74	2.85 1.85 2.28 3.56	44 -1.37 .77	3.46 4.86 5.06	1.12 1.55	10.27 2.44 7.59	- •42 3•63	3.42 3.89 6.08	1.22	3.38 2.55 5.80	04 1.55	1.56 5.40 3.21	•66 -2•26	5.24 5.38 10.75	2.04 5.45	5.12 1.77 6.72	89 1.97	1.29 1.40 .68 1.53	-1.83 -1.53 -3.54	2.46 6.22 4.55 7.65	2.04 3.79	2.77 2.49 2.91 3.82	14 15	E47.52 41.43 E67.07	
BLACKSBURG 2 BLACKSTONE CAA AI BLAND BOWLING GREEN BREMO BLUFF	P	5.57 4.44 5.67 5.50		1.79 3.29 1.91 2.78 2.39		4.85 5.21 4.41 4.85 5.28		4.11 5.41 2.69 6.50 3.70		3.58 2.32 2.88 3.86 2.25		4.02 2.19 2.12 3.85 3.00		2.59 3.21 6.24 2.63 2.63		7.90 5.93 5.36 4.65 6.17		1.30 .95 1.70 6.22 3.90		2.18 .97 1.29 1.05		3.49 5.41 4.08 6.93 6.88		2.21 3.44 2.04 2.80 2.21		46.11 38.84 52.03 44.96	
BRISTOL BRISTOL TVA BROOKNEAL BUCHANAN BUCKINGHAM 1 E		4.19 4.96 E 3.82 5.25 5.51	1.26	2.06 1.35 2.70 3.09 2.94		5.29 4.39 4.85 5.74	1,43	2.01 1.88 4.47 4.62 4.03	1.42	3.10 3.18 3.43 3.57 2.43	- •31	2.71 3.51 3.76 2.18 2.24	-1.55	3.98 3.40 4.40 1.91 4.97	-1.12 -2.45	6.21 7.19 3.82 9.09 7.09	2.41 4.28	3.18 2.39 3.64 5.00 4.75	1.85	1.00 .62 1.39 1.68 1.24	-2.03	4.54 4.57 4.70 3.72 6.35	1.03	3.38 3.05 2.63 3.02 2.63	- •13	E40.53 41.39 E43.35 47.98	5.26
BUENA VISTA BURKES GARDEN BYLLESBY CAPE HENRY WB CI CAPRON	TY	4.58 4.86 3.70 3.84 8.23	2.07 1.18 .69 5.65	3.40 1.70 2.77 4.02 4.60		4.63 4.91 4.38 4.52 3.85	2.09 .28 .65 .36	3.88 3.04 3.31 1.52 4.60	1.43 56 -1.78 1.66	3.25 3.18 2.34 4.08 2.55	39 95 51 43	1.59 2.78 1.74 1.81 2.66	-1.92 -2.15	2.53 2.27 4.85 3.01 5.28	-1.69 -2.35 -2.36 -1.05	7.49 4.18 5.48 7.56 3.53	2.89 - 24 2.70 -2.32	2.70 1.10 1.34	09 63 -1.52 -1.52	1.56 .89 1.18 1.37 3.06	-1.64	3.76 4.15 5.55	.96 .88 3.19 2.16	3.51 3.00 1.96 3.06 2.95	52 38 31	37.27 36.96 41.68	-8.77 -1.30
CATAMBA SANATORIS CHANTILLY CHARLOTTE COURT I CHARLOTTESVILLE CHARLOTTESVILLE	HOUSE 2 W	5.05 4.32 4.72 5.03 4.52	2.11	3.64 1.64 2.89 3.21 3.21	•85	3.76 4.14 5.27 6.55 6.59	.27 3.08	4.32 7.29 4.57 6.00 5.30	2.48	4.14 5.11 2.12 5.49 5.50	.67 1.53	2.76 2.57 3.83 2.65 2.69	-1.99 -2.64	3.34 4.48 4.62 4.47 4.34	-1.07 .14	6.12 4.41 4.73 3.69 3.57	1.37	4.94 4.53 3.32 3.96 4.69	.74	1.03 1.29 1.13 1.44 1.27	-2.19	3.93 4.96 6.53 6.35 5.73	3.69	3.22 3.55 3.20 2.60 2.48	- +B6	46.25 48.26 46.93 51.44 49.86	6.83
CHASE CITY CHATHAM 2 NE CHERITON CHILHOWIE 1 S CLARENDON LYON P.	ARK	3,44 5,34 4,81	24 1.71 1.51	3.12 4.65 1.87	•20 1•63 - •69	5.91 5.09 E 4.27	2.34 1.51 1.27	5.29 2.83 7.52	1.91 71 4.16	2.50 3.38 2.89 6.27	-1.12 .31 2.50	2.56 1.81 1.25 3.04	93 -1.62 63	5.43 2.37 2.75 3.77	-2.69 16	5.86 4.63 5.29	1.56	5.03 5.02 2.32 4.01	•92 •59	2.10 1.07 2.69 .30	-1.82 35 -2.94	5.37 3.87 5.51 2.55 7.17	1.02 2.63 4.31	1.76 2.60	- •12 - •14 - •12	47.55 46.02 E51.38	3.01
CLARKSVILLE CLEVELAND CLIFTON FORGE CLINCHCO CLINCHPORT		5.50 5.39 5.20 6.39	2.35 1.95	1.86 2.10 1.60 2.96	90 -1.07	4.96 5.95 5.20 6.41	2.18	3.83 4.58 3.80 3.69	1.96	6.05 2.90 4.30 4.33	68 .26	1.13 2.95 2.65 2.80 3.58	-3.10 70 98	3.91 4.62 1.59 2.30 2.01	29 -2.25 -2.96	3.49 6.60 4.10 5.59	2.60	2.91 4.11 2.10 2.62	1.35	1.60 .75 1.12	-1.21 -2.15 -1.67	6.09 4.35 3.98 5.56	3.88 1.22 2.64	2.77 2.94 3.30 3.30 2.87	- 473 -67 -1475	44.21 44.21 46.88	-2.32
COLUMBIA CONCORD 5 S COOTES STORE COPPER HILL COVINGTON		5.01 4.71 2.08 3.71 4.61	2.08	1.71 2.30 3.74 2.07	-1.03	4.58 6.17 5.41 5.16	2.62	3.28 4.01 4.36 3.34	1.22	2.63 3.26 3.79 3.07	- 499	3.66 4.62 2.81 1.64	-1.70	3.03 3.91 4.62 1.87	-1.23	5.73 5.85 7.20 5.37	1.94	3.17 4.01 4.37 2.24	14	1.34 1.00 1.20	-1.07	5.90 4.41 5.91 4.03 2.78	3.57	2.26 2.50 3.14 2.65	- •77	48.16 36.00	4.03
CROZET 2 N CULPEPER DAILGREN PROV GRI DALE ENTERPRISE DAMASCUS	DUND	4.31 E 5.21 5.77 3.95 5.24	2.22 2.92 1.31 1.87	3.04 2.32 2.32 2.07 2.11	16 -1.55	5.14 5.70 5.32 4.03 4.23	2.80 1.97 1.12 .31	5.27 7.48 6.06 4.14 2.42	4,12 2,65 1,32 - ,93	5.64 5.10 2.95 4.77 4.00	1.08 18 1.25 32	1.38 1.20 3.18 2.92 3.48	59	5.83 .80 .93 2.57 4.12	-1.60	10.19 6.89 7.53	-1.35 5.05 2.71 3.07	3.42 4.47 2.72 3.05 1.52	1.23 .03 .49 -1.80	1.03 1.03 1.30 1.36	-1.34 -1.68	4.67	4.92 4.52 2.71 2.05	4.44 2.81 2.92	91 1.35 .22 03	43.21 42.73	5.11 13.05 5.90 3 -1.20
DANTE DANVILLE DANVILLE CAA AP DARWIN DAVENPORT		6.33 4.21 4.33 3.07 4.67	2.39	1.82 3.62 3.27 1.82 1.39	-1.78 443	5.44 6.36 5.10 4.12 5.62	.97 2.64	4.49 3.56 3.45 2.84	•55 1•11	3.91 4.34 4.28 2.38	1.94 .33	1.54 5.85 3.52 2.34 1.28		3.94 4.13 5.33 2.00 1.28	-1.96 06	4.62 4.50 6.38 4.50 1.32	- •21 •06	1.92 4.66 1.22 2.40 1.41	-1.40 1.55	1.45 1.73 .19	•	2.82 4.96 3.92 E 3.39 1.48	2.73	3.34 3.61 3.38 1.41 1.63	25	46.08 £32.93 £25.53	10.00
DEERFIELD 2 NE DIAMOND SPRINGS DITCHLEY 1 S DRIVER 5 NE DUNBAR		5.53 6.08	1.58	2.53 5.31 5.35 2.32	•50 1•97	4.45 4.27 E 4.30 5.95	1.24	5.38 2.33 1.84 3.57	2.34	2.39 1.84 4.82	1.24	1.76 1.24 4.75	-1.69 -3.35	2.74 4.80 4.68	-2.80	2.68 4.51	- +08 2+12	3.47 2.68 2.33 3.09	-1.03	.79 2.49 1.96 2.46 1.21	- •45	6+53 5+29 4+38	2.91	3.25 3.08 3.30	34	43.95 E40.74 48.66	-2.06
DUNGANNON ELKWOOD 6 SE EMORY EMPORIA 1 WNW EPISCOPAL HIGH SO FAIRFAX	CHOOL	5.48 3.84 4.77 4.76	1.29	1.73 1.91 4.05 1.90		5.63 4.61 4.58 4.29	1.56	2.90 5.28 4.56 7.54 6.79	2.81 1.28	6.42 4.47 4.61 5.66	.39 .75	3.34 2.64 1.42 1.65 2.08		7.48 1.33 7.26 4.20 5.48	-4.23 .63	5.97 4.08 3.60 4.99	- •15 -1•61	2.20 4.30 1.98 4.37	•57 -1•98	1.14 1.77 .83	-2.13	5.67 5.95 6.31	4.88 3.05	2.14 2.41 3.18 2.84	- •30	47.45 48.90 47.45 48.90	3.64 5 1.67
FALLS CHURCH FARMVILLE FLOYD FLOYD 2		4.35 4.01 5.39 3.60 3.35	2.55 45	1.92 2.36 E 3.33 4.61		4.58 5.30 6.60 7.06	1.24	7.49 4.41 3.92 4.58	1.36 .77	5.16 2.86 3.55 3.51	-1:01 - :72	1.54 2.60 4.60 5.60	•03	3.24 5.77 2.95 2.85	1,58 -2,25	5.15 5.15 5.15 5.37	1.12	4.63		.73 1.85 1.65 1.16	-1.43 -1.38	6.99 7.06	4.72 2.75	3.10	• 20 - • 39	48.47	7.17
FORT LEE FREDERICKSBURG FRONT ROYAL 6 NN GALAX 3 S GLEN LYN GLENNS 1 S	W	6.25 4.72 3.25 2.96 4.52	1+22	3.75 1.93 1.97 2.78 1.87		5.00 4.81 3.14 5.22 4.66	1.43	5.65 5.74 7.45 2.63 3.29	2.24 .57	2.70 4.02 2.96 2.16 2.82	•28 - •28 - •79	1.46 4.40 4.17 2.53 1.95		2.63 1.28 4.86 1.94	-1.73 -2.37	6.49 3.61 6.72 4.62	1.51 71	1.68 2.30 .44 1.90	-1.48 66 85	1.30 1.21 .70	-2.22 -2.12 -1.69		3.94 .42 3.17	2.18 2.73 3.89 2.82	96 02	39.39 40.70	3.59
GORDONSVILLE CAA GOSHEN GROSECLOSE GROVETON GRUNDY	AP .	4.69 4.69 4.85 4.27		2.00 2.61 1.95 1.88		4.44 6.13 4.26 3.58		4.93 4.54 2.52 6.51		4.57 3.97 3.81 4.53		2.66 2.22 1.05 2.36		3.14 1.72 5.15 4.18		5.80 5.29 4.79 4.48		1.37 2.89 2.01 4.87	•••	1.09 .92 .67 .67		6.71 4.13 3.41 6.74		2.10 1.45 2.26 2.72		44.74 E42.71 36.73 46.75	-3.15
HALIFAX HAYSI HIGH KNOB HILLSVILLE HOLLAND 1 E		4.78 E 6.23 5.13 3.17		3.14 2.11 1.09 2.61		5.64 5.00 4.03 5.43	1.82	3.45 4.32 3.98 3.53	•19 - •13	2.38 5.05 4.47 5.79	-1.62 .63	3.01 4.54 4.08 2.93	1 1	4.12 3.88 4.28 4.99	-1.82 -2.74	6.27 4.11 3.27 4.71	2.09 -3.18 -1.06	2.82 3.71 3.03 2.52	-1.42 25 -2.65	1.26 .77 .71 1.21		5.66 3.31 3.24 3.22	2.57 .16	3.24	- •83 - •17	45.7 E44.8 40.3 43.9	7 .81 70 -4.00
HOLSTON HONAKER HONAKER 3 NE HOPEWELL HOT SPRINGS	,	4.48 6.05 5.44	2.46	1.23 1.80 1.93	- •12	4.70 4.73 4.40 4.62 5.55	.72 1.92	2.72 2.64 3.70 6.64	3.24	3.74 4.39 5.34 2.90		2.47 2.40 2.39 2.56	-2.26	2.60 3.37 4.20 6.39	2.07	2.26 2.99 3.53 6.11	1.43	2.63 3.42 4.70 3.26	- •13	.45 .61 .74 2.42	24 -2.12	3.50 4.07 4.27 4.39	2.27	3.10 2.77 2.62 2.62 -3.11	90	33.7 37.6 43.8 50.24	7 7.77
HUDDLESTON INDEPENDENCE JEWELL RIDGE JOHN H KERR DAM		4.08 3.26 5.52 6.22		2.71 3.17 1.80 3.17		6.14 5.30 4.94 4.62		5.41 3.74 3.93 5.42		2.52 1.80 5.91 3.35		1.01 2.36 3.68 1.82		1.71 3.38 2.91 3.47	≥ • ₩0	8.51 8.37 3.14 5.86	.09	4.10 .61 3.12 2.60	•48	1.67		3.51 5.22 3.99 5.77		2.53 3.21 3.05 2.22		43.20 41.92 42.54 46.11	
JONESVILLE 2 SSE KERRS CREEK LAFAYETTE 1 NE LANGLEY AIR FORC LAWRENCEVILLE LEE EXP FOREST		6.95 5.51 4.74 6.50 6.35	3,53	3.29 3.74 4.98 3.45	1.64	6.43 3.32 4.32 4.10	.75	4.01 3.85 2.19 5.52 4.35	79	5.49 2.82 2.69 5.10	- •70	2.76 1.68 1.40 3.10	-2.87	3.19 4.00 4.85 4.65	23	3.74 7.38 2.81 5.35	-1.72	5.32 4.42 2.96 3.49	•19	1.30 1.03 1.66 2.10	84	3.48 3.78 5.30 E 6.10	3.17	2.97 3.02 2.99 3.20	06	E47.49	2.07
LEXINGTON LINCOLN LOUISA LOVES MILL		5.79 4.04 5.31 5.03	2.19	2.86	40 66	4.53	1.10 1.11 1.98	3.74	.80 6.90 2.21	3.69 4.35	2.02	2.90	89	1.19 2.61 1.53 4.54	-2.70 83 -2.87	4.85 5.24 5.18 4.00	•76 1•98 •68	3.43 3.67 3.65 1.89	.69 1.03 .78	1.27	-1.52 -1.91	3.83	1.68 3.57 4.65	2.98	71	41.00 51.9	2.48 3 13.16 2 7.49

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA 1952

	Janu	ary	Feb	ruary	Mar	ch	Ap	ril	M	ay T	Ju	ne	Ju	ly	Aug	ust	Septe	mber	Octo	ber	Nove	mber	Decer	nber	Anr	wel
Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure:	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
LURAY LYNCHBURG 7TH ST BR LYNCHBURG WB AIRPORT MANASSAS MARION	3.66 4.37 4.76 4.77	.94	2.69 1.71 1.45	46 -1.38	3.95 5.04 3.96 3.85	1.50	5.99 3.60 4.76 2.19	.65 1.71	5.21 3.24 5.83 2.98	- ,39 2,19	3.01 3.32 2.18 1.76	47 -1.42	1.89 5.42 4.98 4.76		5.03 11.36 4.24 3.80	7.58 68	4.54 4.36 1.79 4.68 2.11	-1.52 2.10	1.40 1.22 1.14 .62	-2.01 -1.89	5.96 4.85 5.18 4.14	2.52 4.81	3.21 2.91 3.12 3.91 2.23	14 1.03	46.57 49.94 E48.81 34.75	
MARSHALL MARTINSVILLE FILT PL MATHEWS 1 SSW MEADOWS OF DAN 5 SW MENDOTA	3.29 2.86 6.35 E 4.12 6.11		2.15 2.89 5.10 4.21 2.07	1	4.00 6.80 4.52 11.03 4.97	2.47	7.91 4.15 3.39 5.31 2.94	• 55	3.9B 4.23 4.71 4.96 4.20	•52	3.33 .96 3.37 1.41 5.76		3.91 3.71 3.27 6.18 5.53		4.42 9.75 E 5.76 14.30 7.19	4•46 2•78	4.36 1.30 2.63 3.77 2.33		.96 1.00 2.10 .93		5.21 3.96 5.51 5.28 5.04	1.00 2.30	2.31 2.75 2.44 1.65 2.94	82	46.86 44.36 E49.15 E63.15 49.78	
MONS MONTEBELLO 3 NE MONTEREY MONTPELIER MOORES CREEK DAM	4.84 E 5.28 4.01	1.64	2.90 5.05 2.66	2.29	5.95 8.16 5.14	4.96 .87	5.93 6.37 4.39	2.60 1.06	5.20 6.32 5.45	.96 1.01 -2.01	2.21 2.53 2.18	-2.31	4.14 5.21 1.10 7.05	-3.72	14.29 3.67 5.66	-2.18 1.22	4.55 5.31 4.90 2.10		1 • 8 4 2 • 0 5 • 6 8 • 3 0	-2.08 -2.54 -2.16	6.10 6.57 4.10	3.12 1.71 1.84	3.46 3.29	•16 - •01	60.96 E59.98 43.56	
MOUNT WEATHER NATURAL BRIDGE STATION NEW CANTON NEW CASTLE NEWPORT	3.46 4.60 5.47 4.43 E 5.08	1.92 1.73	3.32 4.02 2.51 3.25 1.50	44 .72	3.75 5.96 5.13 4.33 E 4.98	.90 1.30 1.52	8.71 4.84 3.59 3.53 3.34	5+07 +27 1+26	4.25 3.56 2.33 3.72 3.65		5.10 1.79 2.74 3.14 2.90	99 56	2.05 2.87 2.63 2.62 1.70	-1.26	2.97 10.50 9.07 6.65 10.50	-1.47 4.14 1.70	5.84 4.59 1.28 3.75 2.48	7.62 -1.75 .94	1.26 2.04 1.09 1.63 1.85	-2.45 -2.09 -1.12	6.24 3.53 6.97 3.53 4.11	3.78 4.62 1.35	2.63 3.09 2.97 2.95 3.07	•05 • •33 •60	E49.58 51.39 45.78 43.53 E45.16	4.30
NEWPORT NEWS NORFOLK WB AIRPORT NORFOLK WB CITY NORTH BRISTOL SUBSTA NORTH RIVER DAM	4.86 4.56 4.31 4.81 4.22	1.46 1.21 1.38	5.07 4.97 5.52 2.14 2.25	1.75 2.19	4.21 4.54 4.41 4.84 4.40	.77 .64	1.55 2.22 2.16 2.08 5.04	-1.01 -1.07	3.56	90 -1.84	1.09 1.33 2.29 4.04 1.58	i i	4.11 3.11 4.14 3.80 5.65	-1.61	5.50 5.69 4.73 7.74 8.26	.47 49 3.62	3.16 3.05 2.36 2.26 2.55	- •18 - •87 - •74	1.92 2.63 2.75 .42 .92	41 29 -2.34	4.46 5.64 4.83 4.87 4.67	3.48 2.67 2.13	3.32 3.17 3.23 2.91 2.62	- :17 - :11	41.19 43.82 42.70 43.47 E46.32	
OLINGER ONLEY 1 S PARTLOW 3 WNW PEDLAR DAM PENNINGTON GAP 1 W	6.84 4.04 5.30 E 7.14	1.01 2.33 1.87	2.51 3.31 2.55 2.83	- •35 - •26 -1•99	6.12 5.20 6.28 E 6.62	1.23 3.04 1.22	3.45 3.81 4.69 2.66	1.26 -1.21	5.08 3.09 5.12 4.25	13 .95	2.77 1.49 3.55 3.22 3.33	98	3.15 .59 3.03 2.56 3.76	~2.76	2.88 3.30 4.80 9.76 4.52	-1.76 3.60	1.86 3.43 4.97 4.76 2.03	•32 1•57 - •34	.83 3.58 1.22 1.48 1.35	-1.68	4.24 4.65 4.79 3.81	2.49 1.87	2.74 2.92 1.60 3.89 3.85	- •76 •43 - •19	42.47 39.41 54.42 E46.15	-2.66 9.37 -2.87
PHILPOTT DAM PIEDMONT FIELD STATION PILOT POWHATAN 2 E PULASK1	2.77 4.56 3.59 4.83 3.08		2.28 1.71 1.77 1.76		5.61 E 2.89 5.01 4.59		4.66 5.63 3.32 5.26 3.10		4.91 5.70 2.54 3.14 1.96		2.10 3.93 3.59 2.98 2.29	i . I	2.70 E 2.02 2.39 3.07		7.75 4.13 5.75 5.62 8.47		1.14 3.09 1.06 3.88 1.51		1.31 1.12 1.14 1.78 1.10		3.33 6.98 5.13 6.34 4.78		2.87 2.17 2.20 3.25 2.51		E47.22 E34.51 46.93 E36.68	
PULASKI CAA AP QUANTICO 1 S RADFORD RANDOLPH RAPIDAN	3.42 4.70 4.33 4.76 4.63		3,31 1,29 1,49 3,69 2,46		4.17 4.04 3.96 5.53 5.69	.72 .82 1.83	3.32 4.25 3.48 4.43 5.56	1.00 .80 1.08	2.34 3.45 2.72 2.48 5.17	- 45 - 45 -1-15	2.30 1.10 3.49 2.25 3.94	-2.72	1.98 2.47 3.82 5.57 3.91	1.01	7.98 5.86 3.80 3.42 3.24	1.40 .68 90	2.01 1.64 3.25 3.62	99 -1.03 -49	1.12 .53 1.26 1.32 1.18	-1.72	4-01	2.67 2.05 3.69	2.62 2.56 2.30 3.37 1.91	27 58 .11	38.32 37.03 36.30 E46.12 48.25	•21
RICHMOND WB AP RICHMOND WB CITY RIVERTON ROANOKE ROANOKE WB AIRPORT	5.71 5.39 3.47 4.48 4.44	2.18 1.21 1.38 1.34	2.76 2.50 2.41 2.72 2.58	67 29 06	5.05 5.61 2.49 5.21 3.67	1.93 05 1.89	5.32 4.99 7.59 4.48 4.76	1.50 4.98 1.58 1.86	3.72 3.90 2.40 4.76 3.53	-1.25 1.38	4.50 4.29 2.97 2.47 2.12	.39 38 -1.89 -2.24	2.71 2.84 2.45 3.75 1.86	43	6+41 8+08 E 2+87 9+63 7+79	3.66 84 5.70 3.85	2.35 1.52 3.14 1.36	17	2.04 2.08 1.22 1.54 1.17	80 -2.55 -2.28 -2.65	6.42 6.59 6.07 3.39 3.16	3.88 1.18	3.37 2.90 2.40 3.19 3.14	39 21 .09	50.36 50.69 E39.48 46.98 39.11	4.22
ROCKFISH ROCKY KNOB ROCKYMOUNT ROSE HILL SALTVILLE	5.42 3.04 3.05 7.44 4.95	1.84	3.14 4.38 3.32 2.62 1.50		7.15 7.59 7.52 4.75	3.99	5.78 4.41 3.25 2.25 2.25	2.67 08	3.51 3.78 2.60 3.08 3.97	- •70 -1•07	2.45 1.21 2.58 2.80 2.12	-2.85 -2.26	5.88 5.12 4.35 2.45 2.67		8.80 9.54 5.96 5.12 2.12	3.72	4.40 2.05 .92 2.15	86	1.58 1.58 .55	-1.41	6.15 5.15 4.20 3.84	3.04	2.58 3.34 2.40 2.73	89	56.84 51.19 41.35 33.62	8.85
SALTVILLE ALKALI WORKS SLATE SMITHFIELD SOMERSET SPEEDWELL	4.36 E 4.90 4.93 E 4.43 3.45	.76	1.25 3.25 4.31 3.08 2.84	-2•36	4.68 3.15 4.64 5.41 3.91	425	1.92 3.96 2.32 4.69 2.49	-1.12	3.17 5.21 3.04 5.43 2.16	64	2.25 4.17 1.28 4.79	-2.01	2.43 5.72 5.00 4.08 3.81	-2.60	2.57 5.50 3.27 3.37 E 5.30	-1.81	2.29 2.73 4.62 2.60	- •65	.70 .65 3.52 1.06	-2.12	4.50 3.17 5.30 5.71 4.11	1.95	2.75 2.21 3.45 1.72 1.86	74	32.87 E44.62 E45.68 E46.37 E32.55	-1.09
SPRING CREEK 2 STAFFORDSVILLE STATE FARM STAUNTON D AND B INST STUART	4.97 3.78 5.18 4.94 3.28	2.10 .23	1.78 1.52 2.42 2.41 3.60	.07	5.84 4.73 5.45 4.14 9.02	1.00	2.89 3.85 5.04 5.15 5.46	2.13 1.94	3.61 2.68 3.34 4.37 5.35	1.07	1.83 2.07 2.84 1.65 2.45	-2.57 89	2.34 1.33 3.05 4.08 2.86	15	3.89 6.90 4.76 4.94 13.18	.85 7.51	3.15 1.48 4.49 4.56 1.50	1.71	.86 1.31 1.72 1.39 1.03		4:44 3:66 6:89 4:78 3:99		2.94 2.85 2.93 2.11 3.03	53 91	38.54 36.16 48.12 E44.52 54.75	6.80 8.79
STUARTS DRAFT SUFFOLK LAKE KILBY SURRY 3 S SUSSEX SWORDS CREEK	4.52 4.90 E 6.64		2.26 5.32 4.14 2.11		2.79 4.86 4.57 5.06		5.61 1.96 2.37 4.07 3.38		4.20 2.45 4.84 2.69 4.84		1.45 3.02 2.06 1.19 2.86		2.44 5.62 2.78 4.98 3.97		5.20 3.44 3.94 4.37 2.80		4.39 1.40 2.99 1.64 3.62		1.28 2.08 2.28 2.41 .54		4.52 4.57 6.00 4.22		2.75 3.13 2.20 2.95 2.81		E41.41 42.73 E44.81 42.00	
TANGIER ISLAND TAZEMELL TIMBERVILLE 2 N TROUT DALE TYE RIVER	5.82 3.39 5.01 4.70	1.14	1.61 1.93 3.07 2.47	- •12 - •23	6.27 3.80 5.21 6.34	1.00	3.48 6.02 3.78 4.44	3.28 1.63	4.06 4.38 4.27 2.70	1.02	3.69 2.88 1.56 3.81	40	3.28 3.57 5.40 6.28		4 • 80	2 • 71 1 • 81	2.93 5.47 1.22 3.51	2.38	1.12	-1.16 -1.57	4.17 4.59 5.26 4.85 4.33	3.27 1.39	3.71 2.94 3.37 3.49 2.96	1.31	43.76 48.20 43.78 E49.73	13.87 6.20
URBANNA VIENNA DUNN LORING WALKERTON WALLACE WALLACETON LK DRUMMOND	5.24 4.18 5.65 4.96 4.42	1.73 1.50	3.64 1.75 2.97 1.77 5.90		5.61 4.49 5.76 4.71 5.14	1.48 2.23	7.87 4.66 2.39	43 1.51 -2.04	2.94 6.03 4.41 3.86 3.16	- •38 •58 - •67	2.89 1.91 2.75 4.38 3.85	-1.38	1.72 5.67 2.91 2.41 5.42	-2.45	5.33 5.18 8.75 5.06 4.95	.79 4,34 49	2.27 5.00 3.88 1.79 1.50	-1.11 35 -2.54	2.62 .97 2.79 .66 2.01	81 .06 96	4.76 6.95 5.53 5.00 4.52	2.66 2.46 1.62	3.69 3.46 3.01 2.90 3.73	•26 •04 • •31	44.19 53.46 53.07 39.89 E46.72	-1.67 8.17 -4.47
MARRENTON 5 NE MARSAW 2 N MASHINGTON VIRGINIA MASHINGTON WB NAT AP MATERFORD	4.45 5.40 3.34 4.48 3.70	2.34	1.81 2.87 2.85 1.77 2.49	- •41 -1•50	4.25 3.99 4.41 3.76 3.95	•21 •01	6.19 4.67 6.37 5.97 9.98	1.35	4.77 3.28 3.02 4.73 4.26	- •07 1•03	3.60 2.92 3.14 3.06 6.31		3.07 2.62 2.37 4.46 1.55	25	4.22 2.61 7.47 5.20 5.71	-2.00 1.19	4.27 3.44 3.56 4.06 5.66	•68 •82	1.46 2.53 .45 .66 1.35	56 -2.18	17.33 4.58 7.72 6.33 3.67	2.04 3.96	2.12 3.46 2.24 2.95 3.99	•37 - •37	47.54 42.37 E46.94 47.43 E52.62	•74 5•27
MAVERLY HILLS MILLIAMSBURG MILLIAMSVILLE MINCHESTER 2 SSM MOODSTOCK	4.66 6.74 4.47 3.58 3.63	3.00 1.05 1.10	1.93 5.42 2.51 1.77 1.37	2.04 32 62	4.86 4.52 4.05 3.58 3.05	.49 .70 .27	8.18 2.96 4.22 8.29 7.46	82 5.14 4.76	6.15 4.02 3.95 3.59 3.65	•13 - •25 •36	2.55 1.86 1.70 2.60 3.58	-1.56	3.97 3.19 2.34 2.10 3.68	-3.01 -1.36	5.98 3.76 5.52 3.10 4.86		3.61 1.91 2.26 5.15 4.69	-1.33 2.81 2.20	.81 1.93 1.02 1.25 1.52	88 -1.63 -1.14	7.14 5.20 3.11 6.12 4.87	2.80 4.06 3.07	2.90 3.29 3.25 2.65 1.96	- •02 •01 - •32	52.74 E44.80 E38.40 43.84 44.32	8.07
OOLWINE 4 S YTHEVILLE	3.27 E 3.33	25	4.09 2.89	10	10.05	. 87	5.85 2.42	- •57	6.16 2.54	-1.12	1.88	-2.73	5.40 4.10	.10	9.21 6.16	1.97	4.90 1.16	-2.14	1.32	-1.66	5.46 3.24	1.10	2.91	60	E60.50 E35.12	-4.63
SECTION	4.72	1.42	2.85	16	4.97	1.34	4.89	1.60	3.93	.13	2,72	-1.42	3.31	-1.34	5.90	1.50	3.22	06	1.47	-1.45	5.24	2.65	2.97	13	46.28	4.08

## TEMPERATURE EXTREMES AND FREEZE DATA

able 3	·		I	Ī	1	t spring minimu	n of	Pi	irst fall minimum	of		lo, of days	
Station . ·	Highest	Date	Lowest	Date	24° or ,	28° or	32° or .	32° or	28° or	24° or	24° or	28° or	32° or
					below	below 3-15 (27°)	below : 3-25 (31°)	below 10-21 (28°)	below 10-21 (28°)	below 11-29 (22°)	below 265	below 220	below 210
ALEXANDRIA POTOMAC YDS ANNANDALE ASHLAND 1 SW BALCONY FALLS BEDFORD	100	6-27 - - 7-23	14 - 12 10	1-30 - 1-30+ 1-30+	3- 9 (23°) - 3- 8 (20°)	4- 8 (28°)	4- 9 (30°)	10-4 (31°) 10-21 (21°) 10-4 (32°)	10-21 (26°) 10-21 (21°) 10-21 (21°)	10-22 (22°) 10-21 (21°) 10-21 (21°)	227	196	195
BERRYVILLE BIG MEADOWS BLACKSBURG	-	- -	-	-	4- 8 (23°)	4-16 (26°)	4-16 (26°)	10- 4 (29°) 10-20 (24°)	10-21 (21°) 10-20 (24°)	10-21 (21°) 10-20 (24°)	195 -	187	187
BLACKSBURG 2 BLACKSTONE CAA AP	100 103	7-28 7-29	9 13	1-30 1-30	3-29 (23°) 3- 8 (24°)	4- 9 (27°) 3-16 (28°)	4- 9 (27°) 3-17 (29°)	10- 4 (28°) 10-21 (27°)	10- 4 (28°) 10-21 (27°)	10-21 (17°) 11-29 (22°)	206 266 <sub>-</sub>	178 219	178 218
BOWLING GREEN BRISTOL BUCHANAN BURKES GARDEN CAPE HENRY WB CITY	100 103 104 92 98	7-23+ 7-28 7-28 7-28 6- 9+	14 10 9 - 3 19	1-30 1-30 1-30 1-30 1-31	2-15 (24°) 3-8 (18°) 4-8 (23°) 1-31 (19°)	3-15 (28°) 4-8 (28°) 4-9 (27°) 4-16 (27°) 1-31 (19°)	4-8 (32°) 4-17 (31°) 4-9 (27°) 5-1 (32°) 3-16 (31°)	10-21 (28°) 10-19 (32°) 10-21 (18°) 9-24 (31°) 12-14 (31°)	10-21 (28°) 10-21 (20°) 10-21 (18°) 10- 4 (21°) 12-16 (27°)	11-29 (24°) 10-21 (20°) 10-21 (18°) 10- 4 (21°) None	288  227 179	220 196 195 171 320	196 185 195 146 273
CAPRON CATAWBA SANATORIUM CHANTILLY CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W	103 99 99 - 100	7-23 7-29 6-26 - 6-27	- 8 8 14 12	1-30 1-31 1-30+ 1-30	3-16 (24°) 3-16 (24°) 3-18 (23°) 3-8 (20°) 2-1 (17°)	4-8 (28°) 3-29 (28°) 4-9 (26°) 3-17 (27°) 3-25 (28°)	4-10 (29°) 4-9 (30°) 4-9 (26°) 4-8 (30°) 4-8 (29°)	10-23 (30°) 10-21 (24°) 10- 4 (29°) 10-21 (25°) 10-21 (27°)	11- 8 (23°) 10-21 (24°) 10-21 (22°) 10-21 (25°) 10-21 (27°)	11-8 (23°) 10-21 (24°) 10-21 (22°) 11-29 (21°) 11-29 (20°)	237 219 217 266 302	214 206 195 218 210	196 195 178 196 196
CHARLOTTESVILLE 1 W CHASE CITY CHATHAM 2 NE CHERITON CHILHOWIE 1 S	101 104 102 97	6-27 - 7-29+ 7-23+ 7-28	10 11 16	1-31 1-30 1-31	3- 8 (22°) 3- 9 (24°) -	4- 8 (28°) 4- 8 (28°) 4-17 (26°)	4-9 (29°) 4-10 (32°) 5-14 (31°)	10-21 (28°) 10-21 (24°) 10-21 (22°) 10-30 (29°) 10-3 (25°)	10-21 (28°) 10-21 (24°) 10-21 (22°) 11-29 (28°) 10- 3 (25°)	11-29 (17°) 10-21 (24°) 10-21 (22°) 12-28 (19°) 10-21 (10°)	266 226 -	196 196 169	195 - 194 - 142
CLARKSVILLE COLUMBIA CROZET 2 N CULPEPER DANLGREN PROV GROUND	106 102 103 107 101	6-27+ 6-28+ 6-25 7-23 7-23	 10 11 9 14	12-29 1-30 1-30+ 12-29	3- 9 (22°) 2-27 (24°) 3- 9 (19°) 1-31 (18°)	4-8 (26°) 3-25 (27°) 4-10 (28°) 3-9 (26°)	4-10 (30°) 4-9 (31°) 4-10 (28°) 3-30 (32°)	10-20 (25°) 10-21 (24°) 10-21 (30°) 10-20 (31°) 10-21 (31°)	10-20 (25°) 10-21 (24°) 11-29 (25°) 10-21 (20°) 11-28 (28°)	12- 1 (24°) 10-21 (24°) 11-30 (18°) 10-21 (20°) 12-27 (21°)	226 277 226 331	196 249 194 264	194 195 193 205
DALE ENTERPRISE DANTE DANVILLE DANVILLE CAA AP DIAMOND SPRINGS	98 100 104 104 104	7-28 7-29 7-22+ 7-29 7-23	9 10 13 14 17	1-30 1-30 1-31 1-31 1-31	3- 9 (24°) 3- 8 (17°) 3- 8 (23°) 1-31 (14°) 1-31 (17°)	4- 9 (26°) 3-17 (27°) 3-17 (28°) 3- 8 (26°) 3-16 (28°)	4-9 (26°) 4-13 (32°) 4-8 (31°) 3-29 (31°) 3-18 (32°)	10- 4 (31°) 10-20 (31°) 10-21 (25°) 10-21 (27°) 10-22 (32°)	10-21 (19°) 10-21 (20°) 10-21 (25°) 10-21 (27°) 12- 3 (28°)	10-21 (19°) 10-21 (20°) 11-8 (23°) 11-29 (24°) 12-28 (22°)	226 227 245 303 332	195 218 218 227 262	178 190 196 206 218
DITCHLEY 1 S ELKWOOD 6 SE EMORY EPISCOPAL HIGH SCHOOL	102 100	7-28 - 6-27	5 - 11	1-31 - 1-30	3- 9 (18°) 3- 9 (24°)	4-10 (28°) 3-16 (25°)	4-10 (28°) 3-30 (32°)	10-21 (30°) 10-4 (30°) 10-21 (27°)	10-30 (25°) 10-21 (23°) 10-21 (27°)	11-29 (24°) 10-21 (23°) - 11-29 (22°)	226 265	194 - 219	177 205
FALLS CRURCH FARMVILLE	99 105	6-26+ 6-27	12 9	1-30+ 12-29	3- 9 (21°) 4- 8 (24°) 3- 9 (24°)	3-18 (26°) 4-10 (28°) 4-9 (28°)	4-8 (31°) 4-17 (30°) 4-9 (28°)	10-21 (26°) 10-4 (30°) 10-21 (18°)	10-21 (26°) 10-21 (15°) 10-21 (18°)	11-29 (21°) 10-21 (15°) 10-21 (18°)	265 196 226	217 194 195	196 170 195
FLOYD FORT LEE FREDERICKSBURG FRONT ROYAL 6 NNW	100 105 103 101	7-27+ 6-26 7-29 7-21+	7 14 9 5	1-30 1-30+ 1-31+ 1-30	3- 9 (23°) 3-16 (20°) 3-30 (23°)	3-16 (26°) 4-10 (28°) 4- 9 (26°)	4-10 (32°) 4-10 (28°) 4-9 (26°)	10-21 (28°) 10-21 (25°) 10- 4 (29°)	10-21 (28°) 10-21 (25°) 10-21 (20°)	10-30 (24°) 11-5 (23°) 10-21 (20°)	235 234 205	219 194 195	194 194 178
GLEN LYN GLENNS 1 S GORDONSVILLE CAA AP HALIFAX HOLLAND 1 E	105 103 107 105	7-28 6-26 6-27 7-28+ 6-27	10 9 6 11 13	1-30 1-31 12-29 1-30+ 12-29	3- 7 (21°) 3-17 (23°) 4- 8 (24°) 3- 8 (19°) 1-31 (14°)	4-8 (26°) 3-18 (28°) 4-10 (26°) 4-7 (28°) 3-16 (26°)	4-17 (30°) 3-19 (30°) 4-17 (30°) 4-10 (30°) 4-8 (31°)	10- 4 (30°) 10-22 (32°) 10- 4 (29°) 10-21 (23°) 10-21 (29°)	10-21 (17°) 10-30 (26°) 10-21 (18°) 10-21 (23°) 10-22 (26°)	10-21 (17°) 12- 2 (21°) 10-21 (18°) 10-21 (23°) 10-30 (22°)	228 260 196 227 273	· 196 195 194 197 220	170 217 170 194 196
HOPEWEIL HOT SPRINGS JOHN H. KERR DAM LANGLEY AIR FORCE BASE LAWRENCEVILLE	104 94 105 101 107	6-26+ 6-29 7-30 7-23 7-29	15 4 15 21 10	1-31 1-30 12-29 1-30+ 12-29	2-15 (24°) 4-8 (23°) 3-8 (22°) 1-31 (21°) 3-8 (23°)	3-16 (26°) 4- 9 (25°) 3- 9 (26°) 2-15 (27°) 3-18 (26°)	3-29 (32°) 4-17 (29°) 4-10 (32°) 3-16 (31°) 4-17 (32°)	10-21 (30°) 10-4 (29°) 10-21 (25°) 11-29 (32°) 10-21 (28°)	10-22 (27°) 10-21 (15°) 10-21 (25°) 12-16 (28°) 10-21 (28°)	10-30 (23°) 10-21 (15°) 10-22 (24°) 12-28 (22°) 10-22 (24°)	258 196 228 332 228	220 195 195 305 217	206 170 194 258 187
LEE EXP FOREST LEMINGTON LINCOLN LOUISA LURAY	101 102 99 102 101	6-26+ 7-28 6-27+ 7-22+ 7-28	6 11 9 10 4	1-30 1-30 1-30 1-30 1-30	4- 9 (24°) 3- 8 (19°) 3- 9 (20°) 3-10 (24°) 3-30 (24°)	4-17 (28°) 3-29 (27°) 3-25 (27°) 4- 9 (28°) 4 9 (25°)	5- 4 (32°) 4- 9 (29°) 4- 9 (32°) 4- 9 (28°) 4-17 (32°)	10-4 (32°) 10-21 (21°) 10-21 (26°) 10-21 (22°) 10-4 (30°)	10-21 (17°) 10-21 (21°) 10-21 (26°) 10-21 (22°) 10-21 (17°)	10-21 (17°) 10-21 (21°) 11-29 (18°) 10-21 (22°) 10-21 (17°)	195 227 265 225 205	187 206 210 195 195	153 195 195 195 195 170
LYNCHBURG WB AP MANASSAS MARTINSVILLE FILT PL MATHEWS 1 SSW MONS	100 98 104 102 95	7-28 6-26+ 7-28+ 7-23 7-28	13 9 6 12	1-30 1-31 1-30 1-31	3-8 (24°) 3-9 (20°) 4-8 (22°) 3-16 (23°) 3-17 (22°)	3- 9 (26°) 3-18 (27°) 4-10 (28°) 3-16 (23°) 3-25 (25°)	3-29 (31°) 4- 9 (32°) 5- 4 (32°) 4- 8 (29°) 4-16 (32°)	10-20 (29°) 10-21 (24°) 10-4 (28°) - 10-20 (31°)	10-21 (23°) 10-21 (24°) 10- 4 (28°) - 10-21 (17°)	10-21 (23°) 10-21 (24°) 10-21 (14°) - 10-21 (17°)	227 226 196 - 218	226 217 177 210	205 195 153 - 187
MONTEBELLO 3 NE MONTEREY MONTPELIER MOUNT WEATHER NEW CANTON	96 95 - 95 101	6-28 7-29 7-23 7-28	3 - - 12 8	1-30 - 12-29+ 1-30+	3-25· (21°) 3-18 (19°) 3- 2 (22°) 3- 9 (23°)	3-28 (28°) 3-18 (19°) - 3-30 (26°) 4- 9 (27°)	4-16 (32°) 4-16 (30°) - 4-11 (32°) 4-10 (29°)	10-21 (18°) - 10- 4 (32°) 10- 4 (30°)	10-21 (18°) - 10-21 (22°) 10-21 (20°)	10-21 (18°) - 10-21 (22°) 10-21 (20°)	210 - 215 226	207 - 205 195	188 - 176 177
NEWPORT NEWS NORFOLK WB AP NORFOLK WB CITY ONLEY 1 S PARTLOW 3 WNW	105 103 103 103 103	6-26 7-23 6-26+ 7-23 7-28	17 17 22 13	1-31 1-31 1-30 1-31	3- 8 (24°) 1-31 (17°) 1-31 (23°) 2-15 (24°)	3-15 (27°) 2-15 (28°) 1-31 (23°) 3- 9 (25°)	3-16 (32°) 3-16 (29°) 3-16 (30°) 4- 9 (31°)	10-29 (28°) 10-30 (32°) 11-29 (32°) 10-22 (30°) 10-4 (29°)	10-29 (28°) 12-16 (27°) 12-28 (24°) 10-30 (28°) 10-21 (22°)	12-28 (23°) 12-28 (24°) 12-28 (24°) 12-28 (15°) 10-21 (22°)	295 332 332 317	228 305 332 235	227 228 258 196
PENNINGION GAP 1 W PIEDMONT FIELD STATION POWHATAN 2 E PULASKI CAA AP QUANTICO 1 S	105 102 101 100 100	7-29 6-27 6-27+ 7-28 6-26+	6	1-30 1-31 1-30 12-1 1-31	3-27 (24°) 3- 9 (24°) 4- 8 (24°) 4- 9 (24°) 3- 9 (23°)	4-8 (25°) 3-18 (27°) 4-10 (28°) 4-10 (28°) 3-15 (28°)	4-16 (29°) 4- 9 (32°) 4-10 (28°) 4-10 (28°) 4- 9 (31°)	10- 3 (32°) 10- 4 (32°) 10- 4 (29°) 10- 3 (32°) 10-20 (30°)	10-18 (27°) 10-21 (23°) 10-20 (28°) 10-4 (28°) 10-21 (28°)	10-20 (18°) 10-21 (23°) 10-21 (18°) 10-21 (17°) 10-30 (24°)	207 226 196 195 235	193 217 193 177 220	170 178 177 176 -
RICHMOND WB AP RICHMOND WB CITY ROANOKE ROANOKE WB AP ROCKY KNOB	104 103 101 103 93	6-26 6-26 7-28 7-22+ 7-28	14 16 12	1-30+ 1-30 1-30 1-30 1-30	2-22 (24°) 1-31 (17°) 3-8 (24°) 3-8 (24°) 3-17 (23°)	3-16 (27°) 3-9 (28°) 4-8 (28°) 3-25 (27°) 3-8 (28°)	4-8 (31°) 3-16 (30°) 4-9 (30°) 4-9 (29°) 4-16 (32°)	10-20 (31°) 10-21 (29°) 10-21 (24°) 10-21 (25°) 10-4 (31°)	10-21 (27°) 10-30 (28°) 10-21 (24°) 10-21 (25°) 10-21 (19°)	11-29 (23°) 12-15 (23°) 10-21 (24°) 11-29 (22°) 10-21 (19°)	281 319 227 266 218	219 235 196 210 227	195 219 195 195 171
ROCKYMOUNT SALTVILLE ALKALI WORKS STAUNTON D & B INST STUART SUFFOLK LAKE KILBY	100 102 102 102 105	7-28+ 7-29 7-24+ 6-26	10	1-30+ 1-30 1-30 1-31+	3-17 (18°) 3-8 (20°)	4-8 (28°) 4-9 (28°) 4-8 (27°) 3-18 (27°)	4-8 (28°) 4-9 (28°) 4-10 (32°) 4-8 (30°)	10- 4 (31°) 10-21 (19°) 10-21 (25°) 10-21 (28°)	10-21 (19°) 10-21 (19°) 10-21 (25°) 10-21 (28°)	11-29 (21°) 10-30 (23°)	226 218 266 228	196 195 196 217	179 195 194 196
SUSSEX TANGIER ISLAND TIMBERVILLE 2 N URBANNA WALKERTON	105 100 102 106	7-24 - 7-28 6-26+ 6-26	- 6 16 11	- 1-30 1-31 1-30	4- 9 (22°) 2-15 (23°) 3-16 (22°)	3-18 (27°) 	4-10 (32°) 4-9 (22°) 3-17 (30°) 4-8 (31°)	10- 4 (30°) 10-22 (30°)	10-21 (25°) 10-21 (18°) 10-30 (28°) 10-21 (23°)	10-22 (23°) 	195 317 219	217 195 228 218	177 178 219 196
WARRENTON 5 NE WARSAW 2 N WASHINGTON WB NAT AP	98 104 101	6-274 7-23 6-26	8 12 15	1-30 1-31 1-30	3-17 (24°) 3- 9 (22°) 1-31 (18°)	3-18 (28°) 3-16 (27°) 3-15 (28°)	4- 8 (32°) 4- 8 (30°) 3-25 (32°)	10-21 (26°) 10-21 (27°) 10-21 (30°)	10-21 (26°) 10-21 (27°) 11-29 (24°)	11-29 (19°) 10-30 (24°) 11-29 (24°)	267 235 303	217 219 259	196 196 210

## TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA 1952

Station	1	Date	1	Date	Les	t spring minimu	m of	F	irst fall minimum	of		io, of days etween date	
Station	HLg	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
ATERFORD VAVERLY HILLS VILLIAMSBURG VINCHESTER 2 SSW VOODSTOCK	90 - 104 101 105	6-27+ - 6-26 7-28 7-28	12 12 9 8 7	1-31 1-30 1-31 1-30 1-30	3- 9 (23°) 3- 9 (24°) 3-16 (19°) 3-18 (24°) 3- 9 (23°)	3-18 (28°) 3-16 (27°) 4- 8 (27°) 3-30 (28°) 4- 9 (26°)	3-30 (32°) 3-30 (32°) 4-8 (27°) 4-9 (31°) 4-9 (26°)	10-21 (30°) 10-21 (27°) 10-20 (32°) 10-21 (26°) 10-4 (32°)	11-29 (26°) 10-21 (27°) 10-21 (23°) 10-21 (26°) 10-21 (23°)	12-1 (18°) 11-29 (22°) 10-21 (23°) 11-29 (19°) 10-21 (23°)	267 265 219 256 226	256 219 196 205 195	205 205 195 195 178
THEVILLE	96	7-27+	7	1-30	3-29 (24°)	4- 9 (26°)	4- 9 (26°)	10- 4 (27°)	10- 4 (27°)	10-21 (15°)	206	178	178

TOTAL EVAPORATION AND WIND MOVEMENT

VIRGINIA 1952

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
CHARLOTTESVILLE 1 W	EVAP DEP WIND MAX MIN	-	-	-	1970	6.56 1430	7.83 - 1025	7.82 983	B5.05 883	84.21 786 82.9 60.2	3.53 1054 68.2 46.1	B1.69 943 64.9 50.3	- - -	-
OLLAND 1 E	EVAP DEP WIND	-	-	-	B5.40 B2049	B6.86 1830	8.57 - 935	8.30	6.85	B4.00	B3 . 17	-	=	-

MAX and MIN in Table 4 refer to average maximum and average minimum temperature of water in pap.

		1				Ye	ers of	0	ened		Г		. 1				T	Yar	rs of	Оре	ned	1952
Station	Index No.	County	Drainage ‡ Latitude	Longitude	Elevation		Precip.	or c duri	losed ng yr.	Refer to tables		Station	Index No.	County	Drainage ‡ Latitude	Longitude	Elevation	rec	ord	or clo	beac	Refer to tables
ABINGOON AFTON BOXWOOD GARDENS ALEXANDRIA POTOMAC YARDS ALLISONIA ALTAVISTA	0055 0097 0135	WASHINGTON HELSON PULASKI CAMPBELL	14 36 42 34 38 02 29 38 49 23 36 56 35 37 06	82 00 78 50 77 03 80 45 79 18	2000 1250 20 2000 503	15	11 22 15 1	JAN		2 2 1 2 3 2 2		INDIAN VALLEY JEWELL RIDGE JOHN H. KERR DAM JONESVILLE 2 SSE JORDAN MINES	4404 4414 4448	FLOYD TAZEWELL MECKLENBURG LEE ALLEGHANY	23 36 54 10 37 11 35 36 36 10 36 40 30 37 41	80 34 81 47 78 18 83 06 80 05	2700 2750 326 1375 1350	2	12 18 2 6 11			1 2 3 2 2 5
AMISSVILLE ANNANDALE APPOMATTOX †ASHLAND 1 SW AUGUSTA SPRINGS 2 SW	0216 0243 0327	RAPPAHAMIOCK FAIRFAX APPOMATTOX HANOVER AUGUSTA	33 38 41 29 38 49 16 37 21 9 37 45 6 38 05	78 01 77 12 78 50 77 29 79 21	550 310 825 220 1550	6 40	9 6 14 40 11		APR	1 2 3 · 2 1 2 3 2		KERRS CREEK LAFAYETTE 1 NE LANGLEY AIR FORCE BASE. LAWRENCEVILLE LEE EXPERIMENTAL FOREST	4676 4720 4768	ROCKBRIDGE MONTGOMERY ELIZABETH CIT BRUNSWICK BUCKINGHAM	20 37 51 35 37 14 Y 8 37 04 21 36 46 39 37 32	76 22 77 51	254	7	11 2 116 7			2 2 1 2 3 1 2 3 1 2 3
BALCONY FALLS BEDFORD BERRYVILLE BIG KNOB BIG MEADOWS	0551 0670 0712	ROCKBRIDGE BEDFORD CLARKE SCOTT MADISON	16 37 38 27 37 21 38 39 09 14 36 40 33 38 31	79 27 79 31 77 59 82 30 78 26	725 975 580 3150 3535	5 24 1 17	21 38 10 17			1 2 3 1 2 3 1 2 3 2 1 2 3		LEXINGTON LINCOLN LOUISA LOVES MILL LURAY	4909 5050 5057	ROCKBRIDGE LOUDOUN LOUISA WASHINGTON PAGE	20 37 47 29 39 07 24 38 01 14 36 45 38 38 40	81 41	437 2060	- 1	81 52 37 18 11			1 2 3 1 2 3 1 2 3 2 1 2 3
BLACKSBURG 2 BLACKSBURG 2 BLACKSTONE CAA AIRPORT BLACKSTONE WATER WORKS BLAND	0766 0773 0778	MONTGOMERY MONTGOMERY NOTTOWAY NOTTOWAY BLAND	23 37 15 23 37 14 25 37 04 25 37 05 23 37 06	80 25 80 25 77 57 78 01 81 07	2170 2010 440 423 2000	60 1 7	60 1 7 1 2	JAN	JAN	1 2 3 1 2 3 1 2 5 C		LYNCHBURG 7TH ST BRIDGE LYNCHBURG WB AIRPORT MANASSAS MARION MARSHALL	5213 5266	CAMPBELL CAMPBELL PR. WILLIAM SMYTH FAUGUIER	16 37 25 16 37 20 26 38 45 14 36 51 33 38 52	77 28 81 31	312 2200	81 5	81 36 46 7			2 1 2 3 1 2 3 2 2
BOMLING GREEN BREMO BLUFF BRISTOL BRISTOL TVA BROOKNEAL	1037	CAROLINE FLUVANNA WASHINGTON WASHINGTON CAMPBELL	19 38 03 16 37 42 14 36 36 14 36 37 35 37 03	77 21 78 18 82 10 82 10 78 57	225 225 1998 1920 500	3 19	3 12 19 4 3			1 2 3 2 1 2 3 2 2		MARTINSVILLE FILTER PLANT MATHEWS 1 SSW MC GAHEYSVILLE 3 S MEADOWS OF DAN 5 SW MENDOTA	5338 5423 5453	HENRY MATHEWS ROCKINGHAM PATRICK WASHINGTON	40 36 42 8 37 25 38 38 21 13 35 40 14 36 42	78 44 80 27	1080	15	22 3 11 3 45			1 2 3 1 2 3 . C 2
BUCHANAN BUCKINGHAM I E BUENA VISTA BURKES GARDEN BYLLESBY	1136 1159 1209 1255	BOTETOURT BUCKINGHAM ROCKBRIDGE TAZEWELL CARROLL	16 37 32 39 37 33 20 37 44 23 37 06 23 36 48	79 41 78 32 79 21 .81 20 80 55	875 500 835 3250 2075	34 55	51 17 15 57			123		MONS MONTEBELLO 3 NE MONTEBELLO FISH NURSERY MONTEREY MONTPELIER	5685 5690 5698 5708	BEDFORD NELSON NELSON HIGHLAND HANOVER	27 37 27 20 37 54 20 37 51 29 38 25 - 37 48	79 07	2505 2450 2700 2950 250	7 7 11 2	7 15 10 27 2		MAY	1 2 3 1 2 3 1 2 3 1 2 3
CAPE HENRY WB CITY CAPRON CATAWBA SANATORIUM CHANTILLY CHARLOTTE COURT HOUSE	1375 1471 1570	PRINCESS ANNE SOUTHAMPTON ROANOKE FAIRFAX CHARLOTTE	2 36 56 25 36 44 7 37 23 29 38 53 35 37 03	76 00 77 15 80 05 77 26 78 38	16 50 1900 320 560	78 12 41 5 6	78 12 41 5 6			1 2 3 1 2 3 1 2 3 1 2 3 1 2 3		MOORES CREEK DAM MOUNT MEATHER NATURAL BRIDGE STATION NEW CANTON NEW CASTLE	5851 5941 6004	ROCKBRIDGE LOUDOUN ROCKBRIDGE BUCKINGHAN CRAIG	20 37 45 29 39 04 16 37 35 16 37 42 11 37 30	79 38 77 53 79 31 78 18 80 06	1780 1725 800 300 1300	48 57	17 49 10 59 15			1 2 3 2 1 2 3
CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W CHASE CITY CHATHAM 2 NE CHATHAM SCS	1598 1606 1614 1619	ALBEMARLE ALBEMARLE MECKLENBURG PITTSYLVANIA PITTSYLVANIA	34 38 02 34 38 02 35 36 48 3 36 50 3 36 45	78 31 78 31 78 28 79 22 79 25	870 540 520 700 852	9 2 5 29	76 5 29 6			1 2 3 1 2 3 4 1 2 3 1 2 3		NEWPORT NEWPORT NEWS NORFOLK WB AIRPORT NORFOLK WB CITY NORTH BRISTOL SUBSTATION	6054 6139 6144	GILES PRINCESS ANNE WASHINGTON	23 37 19 16 36 59 8 36 53 8 36 51 14 36 37	80 31 76 26 76 12 78 17 82 11	25 11	31 7 82	7 31 7 82 5			1 2 3 1 2 3 1 2 3
CHERITON CHILHOWIE 1 S CHINCOTEAGUE CHURCHVILLE CLARENDON LYON PARK	1675 1683 1708	NORTHAMPTON SMYTH ACCOMAC AUGUSTA ARLINGTON	2 37 17 14 36 47 2 37 56 38 38 14 29 38 54	75 58 81 41 75 26 79 10 77 05	11 2000 36 1475 225	16 1	25 1 11 25	APR		1 2 3 1 2 3 C C		NORTH RIVER DAM OLINGER ONLEY 1 5 TORANGE 3 N PARTLOW 3 WNN	6345 6362 6383	AUGUSTA LEE ACCOMACK ORANGE SPOTSYLVANIA	38 38 21 10 36 49 2 37 41 24 38 17 24 38 03	75 43	40 510	35 1	22 18 35 40 1	MAY	SEPT	2 1 2 3 2 1 2 3
CLARKSVILLE CLEVELAND CLIFTON FORGE CLINCHCO CLINCHCO	1776 1801 1806	MECKLENBURG RUSSELL ALLEGHANY DICKENSON SCOTT	35 36 38 10 36 57 15 37 49 37 37 10 10 36 40	78 33 82 09 79 50 82 19 82 45	325 1540 1055 1525 1260	33	61 19 26 2 57			123		PEDLAR DAM PENNINGTON GAP 1 W PHILPOTT DAM PIEDMONT FIELD STATION PILOT	6626 6691 6712	AMHERST LEE HENRY ORANGE MONTGOMERY	26 37 41 31 36 45 40 36 47 24 38 13 23 37 03	80 02 78 05	800 1590 831 500 2200	21 5 5	18 21 5 6			2 1 2 3 1 2 3 1 2 3
COLUMBIA CONCORD 5 S COOTES STORE. COPPER HILL COVINGTON	1986	FLUVANNA CAMPBELL ROCK INGHAM FLOYD ALLEGHANY	16 37 46 35 37 17 38 38 38 23 37 05 15 37 48	78 09 78 58 78 51 80 08 80 00	300 650 1070 2800 1245	50	54 3 10 12 15			1 2 3 2 2 2 2 2		POWHATAN 2 E PULASKI PULASKI CAA AIRPORT QUANTICO 1 5 RADFORD	6955 6960 6979	POWHATAN PULASKI PULASKI PR. WILLIAM MONTGOMERY	16 37 32 23 37 02 23 37 05 29 38 30 23 37 05	77 19	12	3 14 52	3 11 14 48 47	-		1 2 3 2 1 2 3 1 2 3
CROZET 2 N CULPEPER DAHLGREN PROVING GROUNDS DALE ENTERPRISE DAMASCUS	2155 2195 2208	ALBEMARLE CULPEPER KING GEORGE ROCKINGHAM WASHINGTON	34 38 05 32 38 29 29 38 20 38 38 27 14 36 38	78 42 77 59 77 02 78 56 81 48	750 475 18 1350 1950	10 43 33 70	10 45 33 72 26			1 2 3 1 2 3 1 2 3 1 2 3 2		RANDOLPH RAPIDAN RICHMOND WB AIRPORT RICHMOND WB CITY RIVERTON	7033 7201 7206	CHARLOTTE ORANGE HENRICO WARREN	35 36 54 32 38 18 16 37 30 16 37 32 38 38 57	77 20	334 300 160 162 500	15 72	47 7 15 81 22			2 2 1 2 3 1 2 3 2
DANTE DANVILLE DANVILLE DANVILLE DANVILLE DANVIN DAVENPORT	2245 2250 2264	RUSSELL PITTSYLVANIA PITTSYLVANIA DICKINSON BUCHANAN	10 36 59 13 36 36 13 36 34 12 37 05 37 37 07	62 18 79 23 79 20 82 30 82 06	1765 565 590 1500 1600	34 35 9	35 62 9 4		·	1 2 3 1 2 3 1 2 3 2 2		ROANOKE ROANOKE WB AIRPORT ROCKFISH ROCKY KNOB ROCKYMOUNT	7285 7312 7330	ROANOKE ROANOKE NELSON FLOYD FRANKLIN	35 37 16 35 37 19 36 37 48 18 36 51 35 37 00	78 46 80 22	500	45 18 11 59	58 20 15 11 59			1 2 3 1 2 3 2 1 2 3 /
DEERFIELD 2 NE DELAPLANE DIAMOND SPRINGS DITCHLEY 1 5 DRIVER 5 NE	2368 2410	AUGUSTA FAUGUIER PRINCESS ANNE N'HUMBERLAND NANSEMOND	6 38 13 29 38 55 8 36 54 2 37 44 22 36 52	79 22 77 55 76 12 76 20 76 30	1800 460 25 8 17	44	26 11 44 1	SEPT		2 1 2 3 1 2 3 2		ROSE HILL SALTVILLE SALTVILLE ALKALI WORKS SLATE SMITHFIELD	7506 7843	LEE SMYTH SMYTH BUCHANAN ISLE OF WIGHT	10 36 40 14 36 53 14 36 53 17 37 16 16 36 59	83 22 81 46 81 46 81 56 76 38	1475 1725 1735 1550 37	34	19 31 36 11			2 2 1 2 3 2 2
DUNBAR DUNGANION †ELKWOOD 6 SE EMORY EMPORIA 1 WINW	2548 2729 2782	WISE SCOTT CULPEPER WASHINGTON GREENVILLE	10 36 58 10 36 50 33 38 27 14 36 46 21 36 41	62 45 82 26 77 46 81 50 77 33	2000 2500 300 2150 80	12 27	18 18 12 28 22		APR	2 2 1 2 3 1 2 3		SOMERSET SPEEDWELL SPRING CREEK 2 STAFFORDSVILLE STAR TANNERY	7971 7997 8022	ORANGE WYTHE TAZEWELL GILES FREDERICK	32 38 14 23 36 49 10 37 01 12 37 14 38 39 05	80 43	390 2340 2340 1960 950		4 12 17 2 10		-	2 2 2 2 2
EPISCOPAL HIGH SCHOOL FAIRFAX FALLS CHURCH FARMYILLE FIELDALE	2922 2941	FAIRFAX FAIRFAX PRINCE EDWARD HENRY	29 38 49 29 38 51 29 38 53 1 37 18 40 36 43	77 06 77 18 77 11 78 23 79 56	250 440 315 450 760	6 4 31	6 4 4 33 9			1 2 3 2 1 2 3 1 2 3		STATE FARM STAUNTON D AND B INSTITUTE STONY CREEK STUARY STUARYS DRAFT	8062 8129	GOOCHLAND SUSSEX PATRICK AUGUSTA	16 37 38 38 38 09 25 36 57 41 36 38 38 38 00	79 04	1480		14 66 10 28 4		MAL	1 2 3 1 2 3 2 2 3
FLOYD 2 FLOYD 2 FORT LEE FREDERICKSBURG FREDERICKSBURG EMBRY PLANT	3072 3127 3192	FLOYD FLOYD PRINCE GEORGE SPOTSYLVANIA	23 36 55 23 36 55 1 37 14 33 38 18 33 38 19	80 19 80 18 77 20 77 28 77 29	2600 2600 60 100 25	20 3 59	20 4 3 61 6			1 2 3 2 1 2 3 1 2 3		SUSSEX	8241 8249	NANSEMOND SURRY SUSSEX RUSSELL ACCOMACK	22 36 44 4 37 05 25 36 55 10 37 02 18 37 50	77 17 81 55	98	1	6 3 1 17 1	FE8		1 2 3 1 2 3 2 3 2 1 2 3
†FRONT ROYAL 6 NNW GALAX 3 5 GLEN LYN GLENNS 1 S GORDONSVILLE CAA AIRPORT	3268 3397 3407	WARREN GRAYSON GILES GLOUCESTER LOUISA	38 39 00 23 36 38 23 37 22 19 37 33 24 38 04	78 14 80 56 80 52 76 37 78 10	677 2520 1524 105 438	14 20 2 7	14 2 39 2 14			1 2 3 2 1 2 3 1 2 3 1 2 3		TAZEWELL TIMBERVILLE 2 N TROUT DALE TYE RIVER URBANNA	8448 8547 8600	TAZEWELL ROCK INGHAM GRAYSON NELSON MIDDLESEX	10 37 07 38 38 40 23 36 42 43 37 40 33 37 38	81 26 78 57	2450 1100 3100 551 25		18 21 17 14 16			1 2 3 2 2 1 2 3
GOSHEN GROSECLOSE GROVETON GRUNDY HALIFAX	3623 3635 3640	ROCKBRIDGE WYTHE FAIRFAX BUCHANAN HALIFAX	6 37 59 14 36 52 29 38 46 17 37 16 3 36 46	79 30 81 20 77 06 82 06 78 57	1300 2590 245 1044 425	5	15 10 2 4 22			2 2 2 2 1 2 3		VIENNA DUNN LORING WALKERTON WALLACE WALLACE WALLACETON LAKE DRUMMOND WARRENTON 5 NE	8529 8833 8837	FAIRFAX KING & QUEEN WASHINGTON NORFOLK FAUQUIER	29 38 54 19 37 44 14 36 39 2 36 37 26 38 45	82 C8 76 26	25	2	20 17 27 2			1 2 3 2 2 1 2 3
HAYSI HIGH KNOB HILLSVILLE HOG ISLAND LITTLE MACHIPONGO HOLLAND 1 E	3959 3991 4031	DICKINSON WISE CARROLL NORTHAMPTON NANSEMOND	37 37 13 10 36 54 23 36 46 2 37 28 4 36 41	82 17 82 38 80 44 75 41 76 47	1350 4150 2570 5 80	20	11 17 10 11 20			2 2 2 C 1 2 3 4		WATERFORD	8902 8906 8915	RICHMOND RAPPAHANNOCK LOUDOUN ARLINGTON	- 37 59 33 38 43 29 38 51 29 39 11 29 38 53	76 46 78 10 77 02 77 36 77 07	140 '650 14 525 340	2 12 7 6	2 7 12 7 6			1 2 3 1 2 3 1 2 3 1 2 3
HOLSTON HONAKER HONAKER 3 NE HOPEWELL HOT SPRINGS	4078- 4083 4101	WASHINGTON RUSSELL RUSSELL PRINCE GEORGE BATH	14 36 50 10 37 01 10 37 03 16 37 18 15 38 00	82 05 81 59 82 02 77 18 79 50	3450 1950 2200 40 2195	60 59	18 17 18 65 61			2 2 2 1 2 3 1 2 3		WHITE GATE WILLIAMSBURG WILLIAMSVILLE WINCHESTER 2 SSW WOODSTOCK	9151 9159 9186	GILES JAMES CITY BATH FREDERICK SHENANDOAH	23 37 12 16 37 16 5 38 12 29 39 09 38 38 53	79 34 78 11	1850 70 1700 750 887	47	11 7 12 46 60			1 2 3 2 1 2 3 1 2 3
HUDDLESTON HURLEY 1 E INDEPENDENCE	4185	BEDFORD BUCHANAN GRAYSON	35 37 10 42 37 25 23 36 36	79 29 82 01 81 07	985 990 2530		3 6 12			2 2		WOOLWINE 4 S WYTHEVILLE	9272 9301	PATRICK WYTHE	40 36 43 29 36 58	80 17 81 06	1490 2400	49	2 79			1 2 3

<sup>1 --</sup> APPOMATICX, 2-ATLANTIC, 3-BANNISTER, 4-BLACKWATER, 5-BULLPASTURE, 6-CALFPASTURE, 7-CATAMBA, 8-CHESAPEAKE, 9-CHICKAHOMINY, 10-CLINCH, 11-CRAIG, 12-CRAMESHEST, 13-DAN, 14-HOLSTON, 15-JACKSON, 16-JAMES, 17-LEVISA FORK, 18-LITLE, 19-MATTAPONI, 20-MURY, 21-MEHERIN, 22-NANESMOD, 23-NEW, 24-NORTH ANNA, 25-NOTTOMAY, 26-OCCOQUAN, 27-OTTER, 20-PDELAR DAM, 29-PDOMAC 30-POTTS, 31-POMELL, 32-RAPIDAN, 33-RAPPAHANNOCK, 34-RIVANNA, 35-ROANDKE, 36-ROCKFISM, 37-RUSSELL FORK, 36-SHENANDOMH, 39-SLATE, 40-SMITH, 41-SOUTH MAYO, 42-TUS FORK, 43-TVE

CHANGE OF NAMES

TASHLAND 1 SW TELKWOOD 6 SE TERONT ROYAL 6 NNW TMONTEBELLO 3 NE TORANGE 3 N FORMERLY ASHLAND PRIOR TO SEPTEMBER
FORMERLY ELEMODO 7 SE PRIOR TO JUNE
FORMERLY FRONT ROYAL CAA AP PRIOR TO NOVEMBE
FORMERLY MONTEBELLO PRIOR TO MAY
FORMERLY MONTEBELLO PRIOR TO MAY
FORMERLY ORDANCE I SE DELON TO SERVIND

#### 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 dissecter 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. Figures and letters following the station name, such as 12 SSF, 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.

  B Adjusted to full month.

  C Data for recorder stations denoted by "C" are processed for special purposes and published in "Hourly Precipitation Data",

  E Amount is wholly or partially estimated.

  Loss than a complete month of record available; if average value is entered, less than 10 days of record are missing; see monthly Climatological Data for detailed daily record,

  R Data from recording gage.

  T Trace, an amount too small to measure.

  V Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. --- 4/16/53 --- 1025