U. S. DEPARTMENT OF COMMERCE

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

CLIMATOLOGICAL DATA

VIRGINIA

ANNUAL SUMMARY 1953 Volume LXIII No. 13



G. N. Brancato, Section Director - Baltimore, Md.

WEATHER SUMMARY

With precipitation totals well below normal over most of the State and poor distribution through the year, one of the most serious droughts ever recorded was experienced. Above normal amounts were limited to some extreme eastern stations as the result of hurricane Barbara and to some extreme northern stations due principally to some heavy rains in May. The amounts at the various stations ranged from 56.68 inches at Episcopal High School in Alexandria to 26.60 inches at Pilot in southwest Virginia. March was the wettest month with an average of 4.75 inches and November was driest with 1.47 inches. The snowfall was less than two-thirds of normal with the fringe winter months, March and November, providing four-fifths of the snow. Except at one station, temperature averages were above normal, mostly by one to three degrees. September was the only month which failed to have above normal temperatures, and that month was only one-tenth of a degree below normal. The hottest weather came during the period August 30-September 2 when temperatures on one or more days were 100° to 105° at most stations but were in the nineties where moderating influences, such as elevation or proximity to a large body of water were effective. Temperatures almost as hot, although hotter at some locations, were recorded on July 30-31. With extremely few exceptions, the coldest temperatures were registered on December 18-19th. While most readings were from 5° to 15°, a couple in the southwest fell to one degree below zero and those near the larger water areas were up near

January was considerably warmer than average. Temperatures were well above normal in all parts of the State. It was the ninth warmest January of record and the fifth successive warmer than normal January. Precipitation was below normal by one-third of an inch. The principal deficient amounts were in the eastern and western counties. The average snowfall for the month was 1.2 inches which was only one-fourth of normal.

February was similar to January in that temperatures averaged well above normal. It was the sixth consecutive February with warmer than normal temperatures. Only one station reported a below-normal average. Although the precipitation was only four one-hundredths of an inch above normal, it was the heaviest February amount in eight years. Snowfall again was extremely light with about one-fifth of the normal amount being reported. There was practically no measurable snow to the east of the Blue

Snowfall in March was 80 per cent above normal. It was the snowiest month of the year and of the 1952-1953 season. Measurable amounts fell on practically all areas with the heaviest amounts near and west of the Blue Ridge. Precipitation amounts averaged above normal by slightly more than one inch. The heaviest amounts were in the central and western portions of the State. Temperatures averaged slightly above normal as only a few stations scattered over the State had amounts which were below normal.

April was near normal in temperatures and precipitation. All eastern stations had above normal temperatures. Central and northern stations generally were above normal but there was a good sprinkling of colder than normal stations. Most of the southwestern stations were cooler than normal. April was the fourth consecutive month with an excess of precipitation although March was the only one which was appreciably above normal. Measurable snow was limited to a few stations well scattered over the western and central sections.

This was the second warmest May in more than sixty years of record, only three-tenths of a degree below the record set in 1944. Precipitation averaged two-fifths of an inch above normal but the amounts at the various stations varied by extreme amounts. Episcopal High School in Alexandria reported 12.43 inches and only 1.07 inches fell at Clarksville. Extremely heavy rain at Norfolk Weather Bureau office on the 18th established new excessive precipitation records for many periods of May. The driest portion of the State was the southern counties to the east of Blue Ridge, while the wettest areas were comprised of the extreme northern and extreme southwestern counties. There was flash flooding of some streams in the extreme southwestern counties.

Mean temperatures during June were above normal by one degree with the only below normal figures for the various stations being reported in extreme southern and extreme eastern counties. Precipitation amounts averaged slightly below normal but again sharp variations were recorded at the various stations, though they were not as extreme as during May. Most of the above normal amounts fell on the southwestern half of the State and resulted largely from local heavy thundershowers during the last third of the month. Although precipitation was above normal on the Eastern Shore, in general, it was below normal over the northeastern half of the State.

Drought conditions became rather critical in most areas during July. Only the July of 1930 was drier than this July. Many areas in north-central Virginia and a few northern and southeastern stations had less than one inch of rain. The drought became progressively worse in most areas east of the Blue Ridge during the month. A large acreage of corn was damaged beyond recovery and pastures deteriorated to the poorest condition since 1930. Mean temperatures were near or above normal except a few stations in the southwest where they were one to two degrees below normal. For a number of stations, temperatures of 100° to 105° on the 30-31st were the highest during the year.

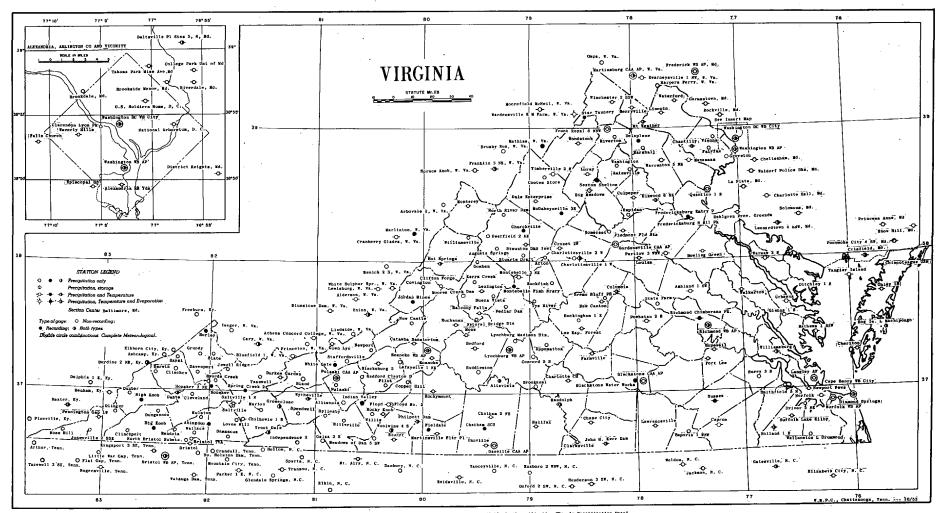
August was the third successive month in which precipitation amounts were well below normal in many portions of the State. Hurricane Barbara caused heavy rains and high winds as far inland as the counties along the western shore of the Chesapeake Bay. Otherwise, very few stations reported above normal precipitation. Most of the pronounced deficiencies again were in the central counties, but some were in the southern and southwestern areas. For the State as a whole, temperatures averaged about one degree above normal. The first three weeks generally were near or below normal. During the last week, temperatures climbed gradually to a record heat wave on the last three or four days. This heat wave continued into the first three or four days of September. Pastures deteriorated further during the month to the poorest condition since 1930 and, for limited areas, the worst of record. All seasonal crops were affected adversely by the effects of the hot, dry weather in both quality and quantity.

For some parts of the State, September brought soaking rains. However, for at least one-half of the State, it was a continuation of severe drought conditions which began in June and became worse as time went on. The above normal rains were registered in southeastern Virginia and at a few northern and western border stations. The month's heaviest and most general rains fell on the 5-6th. Temperatures averaged near normal with very few stations having deviations from normal as much as one degree.

October was marked by a continuation of the drought as substantial rains fell on a limited area near the end of the month. About one-half the stations had no measurable precipitation before the 20th and less than ten per cent had one-fourth of an inch prior to the 27th. Temperatures were above normal in all parts of the State, generally from one to three degrees. Some killing frost was reported on the 8th but it was not general.

An early season snowfall was outstanding in the weather for November. Snow on the 6th and most of the night of the 6-7th established new record depths for so early in the season from just east of the Blue Ridge almost to the Chesapeake Bay. Where the drifts were deep, it was almost two weeks before they were completely melted. For most of the State, it was the sixth successive month during which precipitation amounts were below normal. In spite of some locally heavy rains, precipitation was only 70 per cent of normal from June through November. It was the driest November in 13 years, with only a few eastern stations having above normal amounts. In general, amounts were short of normal by one to two inches. Generally, temperatures were slightly above normal in northern counties and slightly below normal in southern counties.

With measurable snowfall being light and limited to western counties, snowfall in December equalled the lowest of record. Precipitation amounts averaged about one-third of an inch above normal and provided some improvement to soil moisture conditions. Below normal totals were in the east and southwest, and at a few other scattered stations. Mean temperatures averaged almost two degrees above normal even though the month provided the year's coldest temperatures. H.L.A.



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

ASHL BACK BALC BEDF BERR BIG I BLACI BOWL BRIS' BUCH BUCH BURK	Station ANDRIA POTOMAC YDS AND 1 SW AN	Tamparature	iary		nuary	Mar	ch	Ap	ril	Ma	y	Jur	ı e	, Jul	,	Aug	ust	Septe	mber	Octob	per	Nove	mber	Decen	aber	Ann	ual'
ASHL BACK BALC BEDF BERR BIG I BLACI BOWL BRIS' BUCH BUCH BURK	ANDRIA POTOMAC YDS AND 1 SW SAY WILDLIFE RFG ONY FALLS	[amperature	e e	ture			- 1								-		-		-								
ASHL BACK BALC BEDF BERR BIG I BLACI BOWL BRIS' BUCH BUCH BURK	AND 1 SW BAY WILDLIFE RFG ONY FALLS	-	Берал	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
BIG BLACK BLACK BOWL BRIS BUCH BUCK		40.9 41.6 39.7 42.0	5.1 6.1	43.3 42.9 41.1 44.0		47.4 46.6 46.2 49.4	3	56.4 56.0 54.8 56.2		69.9 70.3 69.0 70.4	5.3	74.4M 74.3 72.6 73.5	2.0	79.8 M 75.6 76.9	•7	76.2M 75.0 74.0 75.4		71.2 68.5 67.1 67.8	- 1.3	51.3M 59.2 58.0 60.0	1.3	49.3 47.2 44.0 48.0	•2	42.3 41.8 M 36.7 39.7M	3.8	56.7 58.6	149
BUCH BURK	KSBURG 2 KSTONE CAA AP	37.3 34.3 39.1 42.8 43.9	5.6	38.8 33.2 40.2 43.8 45.9	4.0	44.0 37.2M 45.6 48.5 49.7	- •6	51.2 46.0M 52.8 57.6 58.8		65.7 61.8M 67.1 71.5 71.6		70.1 64.9M 71.2 74.2 75.2	1.0	74.8 68.4 73.4 78.8 79.9	2•1	72.2 67.1 72.3 77.0 77.7	1.6	65.3 60.2 65.5 69.6 71.1	•5	55.1 53.7 56.6 61.1 61.5	2•7	42.5 40.8M 42.8 49.6 49.4	1.6	35.8 35.3M 34.7 42.4 43.0	5.5	54.4 50.2 55.1 59.7 60.6	2.4
CAPR	ANAN ES GARDEN HENRY WB CITY	42.4 41.7 35.0 46.5 46.6	4.0		3.7 4.3	50.0 49.2 41.2 50.7 50.9	1.9 .8 2.0	55.6 55.8 47.1 58.2 60.1	- 1.0 2.1	70.0 70.0 60.9 70.8 73.1	5.2 3.8 5.3	74.7 74.0 67.0M 73.6 73.4	3.8 1.5 2.9 ~ .6 ~ 2.5	75.7 76.6 66.1 79.5 78.8	1.5 .7 - 1.1 1.8 1.9	76.2 75.3 65.5 77.7 76.0	3.0 .7 6 1.3	69.6 68.0 60.4 73.0 69.5	1.6 - 1.7 2 .0 - 1.4	61.0 59.8 51.1 63.9 60.3	5.6 1.7 .9 1.1	46.5 45.8 38.4 52.6 48.0	- 1.8 2	38.8	2.6 .3 .6 3.8 4.7	58.6 58.2 50.2 61.8 60.7	4.0 1.5 .9 2.1 2.4
CHAN CHAR CHAR	WEA SANATORIUM ITILLY RLOTTE COURT HOUSE RLOTTESVILLE 2 W RLOTTESVILLE 1 W	39.7 38.4 43.0M 40.9 40.8	3,4 4.5	39.5 40.4 42.5M 43.4 43.4	6.0	44.6 44.5 47.4M 46.7 46.9	•3	52.2 53.3 56.1M 56.6 55.6M		68.7 67.5 71.1M 70.8 71.3		71.7 71.3 74.2M 73.8 74.1	2.0	74.5 75.7 78.8M 80.4 78.9	1.8 3.7	73 • 2 75 • 3M	2.1 2.3	66.6 66.7 70.0M 71.9 69.3	2.3	59.5 56.8 60.5M 63.4 61.0	2.9	47.0 44.8 48.2M 50.8 48.3	2.8	38.4 38.4 39.9M 40.9 40.4	2.7	56.4 55.9 59.0 59.8 58.8	1.6 3.0
CHAT CHER CHIL	SE CITY HAM 2 NE RITON HOWIE 1 S RKSVILLE	44.8 41.9 45.94 38.9 44.0		46.1 43.6 45.5M 39.9 44.8M		50.3 47.5 M 46.1 49.4	- •2 1•1	59.2 56.5 M 50.5 60.2	3 3.7	72.8 71.1M 71.5M 64.8 74.3	5•1. 3•6	75.2 74.3 74.5M 71.0 76.5	•1 • 1•2 2•1	79.5 77.0 81.2M 71.8 80.1	1 2.9	77.6 74.9 78.4M 71.0 78.6	6 1.1 2.4	71.2 68.5 73.2M 63.7 71.2	- 1.6 .7	63.2M	1.8 .4 3.1	51.1 47.8 51.5M 41.7 48.8	- 42 - 65	45.5M	B 3.0	61.1 58.6 54.2 60.9	•7 3•2
CROZ CULP DAHL	UMBIA PET 2 N PEPER LGREN PROV GROUND E ENTERPRISE	40.6 42.3 M 40.9 38.2	3.6 4.4 4.8	42.0 44.5 41.2M 42.3 39.4	4.6	46.7 48.5 47.9M 46.9 44.6		55.7 55.7 55.0 55.8 51.8	1.8	70.7 69.8 69.3M 69.5 67.0	5.2 5.9	74.3 73.2 M 74.9 71.0	1.8 1.8	79.2 77.1 77.5 79.6 74.4	2.9 1.8 2.7		1.7 .8 1.0	69.7 68.5 68.4 69.4 65.9	•8 • •3 • •5	60.1 61.5 57.8 59.9 57.4	2.8 1.5 2.0 2.0	47.0 49.3M 46.5 47.0 44.2	1 • 3 - , • 7 • 3	40.0 39.8 38.1 40.8 37.9	2.0 1.9 1.8 2.6	58.6 58.6 55.4	2.2 1.8
DANV	TE /TILLE /TILLE CAA AP HOND SPRINGS CHLEY 1 S	40.9 44.4 43.4 47.6 43.4	4.8 4.2 3.9	45.6M	2.9	48.1 50.8 49.8 51.5 47.3	•8	52.1 58.7 57.3 59.7 56.9	- 1.7 .6 1.9	70.7 72.9 72.8 72.2 70.04		75.8 75.5 74.5 73.7	2	79.5 79.6 79.7M 78.8	• 4 2 • 0	78.2 77.6 77.0 75.4	.4	70.9 70.6 72.0 70.2	- 1.6 6	58.9 62.1 62.1 63.4 60.8	3.0 1.4	44.6 49.3 49.1 52.1 48.5	4	34.8 40.8 40.8 46.9 43.5	- 3.2 - 1.0 2.4	60.7 60.2 62.0 59.5	1.0
EP15	4V1LLE	39.8M 41.4 39.2 44.0 40.4	4.7 5.7 5.6	43.0 40.2 43.9	5.2	46.2 47.3 45.8 48.6 45.2	1•5 •9 1•6	54.6 56.4 55.1 57.1 53.3	1.6	69.2 69.9 69.8 71.2 67.5	3.8 5.0 5.5	72.8 74.6 73.9M M 70.9	1.2	77.3 79.8M 78.3 78.0 73.0	2.2 2 1.2	74.2 76.8M 74.7 76.5M 71.6	•1 •1	67.6 70.9 67.8 68.9 65.5	- 1.3	57.8 61.0 58.4 59.0 58.6	.6 3.6	44.7 49.0 46.1 47.0 45.5	- 1.6 - 1.0	38.4 40.3	2.6 1.3 2.1	57.0 57.3 55.7	1.6
FRED FROM GLEN	T LEE DERICKSBURG NT ROYAL 6 NNW V LYN DONSVILLE CAA AP	43.8 38.9 38.5 41.7 38.7	2.4 5.5	39.3		48.9 45.7 44.2 48.2 44.9	- 1.0 3.9	58.0 55.2 52.1 55.0 53.9		71.0 70.2M 66.3 68.6 69.4		74.2 73.4 71.3 73.0 73.0	141	78.9 79.9 75.6 74.2 77.5	3.3 .2	76.6 76.5 73.6 73.6 74.9	1.4	68.8 70.6 66.5 66.9 67.6	1 • 5	60.1 60.3 56.8 60.1 57.3	2.4 3.8	48.3 47.9M 43.9 44.8 44.0		42.6 40.3M 38.6 38.4 37.6	2.5	59.6 58.2 55.6 57.2 56.6	1.8
HOPE HOT	IFAX LAND 1 E EWELL SPRINGS N H KERR DAM	42.7 45.7M 45.4 36.5 44.1	4.4 5.5 4.8			49.2 50.8 50.9 42.9 48.9	1.8	58.0 59.0 60.4 49.9 59.1	2.9	72.1 72.5 73.9 64.3 72.4	6.2 4.4	75.8 74.2 76.6 68.3 74.0M	- 1.1 1.3 1.6	79.6 79.1 81.6 71.4 79.5	2.0 2.6 1.9	77.6 76.1 78.8 69.3 77.8	1 1.5 1.0	70.4 69.7 72.0 61.3 69.6	3.1	60.9 61.1 62.8 55.0	2 • 9 2 • 8	47.6 49.5 49.6 41.8 48.8	- 1.5	40.2 43.6 44.3 34.9 42.1	1.6 3.3 1.5	60.0 60.6 61.9 52.8	1.8 2.8 2.0
LAWR LEE	SLEY AIR FORCE BASE RENCEVILLE EXP FOREST; INGTON COLN	46.5 44.9 42:3M 41.4 39.4	7.0 6.0	46.2 42.6 43.1	7.2	51.3 50.0 46.9M 48.4 46.7	4.3	59.1 59.3 56.3 55.2 54.4	3.1 2.1 1.2	73.0 70.0M 69.3		75.1 75.9 M 72.7 73.4	2.0 1.3	80.6 80.2 75.4 78.4	2•2 •8 1•7	78.8 78.4 75.0 74.6 75.9	1.4	70.8 67.8	1.0	61.6 58.3 59.6	2.1 4.7 3.3	51.6 48.7 45.7 46.1 47.1	2.5	43.5 39.4 39.0	3.7 3.1 3.9	62.0 61.1 57.7 57.8	3.1 3.5 2.9
MANA		41.2 40.2M 41.2 40.0 41.0	5 • 6 3 • 5 2 • 7	41.1 42.2 41.4	3.0	45.9M	1.7 .8 - 1.0	55.8 53.5M 55.5 54.7 55.8	2.1 .0 - 2.6	70.9 68.2M 70.3 68.8 69.8	8.1 5.3 2.8	73.6 72.7M 73.8 72.5 73.8	2.6 1.0	78.0 75.9M 77.6 77.1 76.2	2.9 1.6	76.7 73.5 75.7 74.5 74.4	2.9 1.5 - 1.3	67.58 68.5 67.3	- •	59.5 58.8 61.1 58.4 57.9	4.0 3.3 - 1.0	46.9 45.7 48.0 46.3 45.4	24	39.1 7 39.3 39.0	2.9 .4 - 1.5	58.5 56.9 58.4 57.1 57.4	3.3 1.8 3
MONE TOOM TOOM	HEWS 1 SSW S TERELLO 3 NE TEREY NT WEATHER	44.3 M 36.2M 36.2M 34.2M	3.8	38.4M 36.3 36.9M 35.8		M 44.0M 42.1M 38.5 40.3	.9	56.7 51.9 46.7 45.1M 48.1	7	70.4 66.4M 61.8M 60.7 61.5M	1.9	73.8 68.8M 68.3 66.5 67.8	. 2	77.9 72.3M 72.9 71.4 73.5	1.9	76.3 71.5 70.9 70.6 71.4	1.5	69.6 64.71 63.3 64.4 64.2		59.1M 56.3 56.3 55.0	1.4	45.5 43.3 40.0 43.1	1.0	36.3M 33.7 32.4 34.1	1.6	52.7 51.6 52.4	1.5
NEWF NORF	CANTON PORT NEWS FOLK WB AIRPORT FOLK EY 1 S	41.8 48.6 46.1 47.5 44.6	4.0 4.0 5.0	48.9	4 - 3	47.9 52.9 51.2 52.3 48.2	2.1 1.8	56.0 60.4 58.7 59.8 56.7	1.9	69.8 73.6 71.4 72.5 69.4	5.2	72.5 77.0 73.9 74.9 73.0	8 - 1.1	76.7 81.7 79.7 80.7 78.1	2.2 2.0 1.4	79.2	1.4	67.7 74.3 71.8 74.4 69.6	- 1.1 1	58.4 65.0 63.0 65.6 60.7	1.6 2.6 1.4	46.6 53.9 51.4 54.8 49.4	- 1	46.9 45.6 49.0	1.9 2.8 4.5 3.1	58.0 63.6 61.4 63.2 59.5	2.2 2.5 2.1
PENI PHIL PIE	TLOW 3 WNW NINGTON GAP 1 W LPOT DAM 2 DMONT FIELO STATION HATAN 2 E	40.4 39.6 41.1 41.3	341	40.7 38.0 42.5 42.5	1.5	46.8 46.2 47.5 46.3	1.7	55.5 50.7 56.1 55.5	- 3.4	70.1 66.1 71.0M 69.7	2.8	72.9 72.5 74.1 73.1	1.4	78.6 N 78.9N 77.0		75.7N 73.5 76.4 75.2	•1	68.4 66.6 70.5 67.9	- 1.0	56.9 57.6M 61.1M 61.0 58.3		46.0 44.2 48.2 48.0 46.6	4)	38.6M 35.1 38.5 40.4 39.3	- 2.1	57.6 59.0 57.7	
RICI RICI	ASKI CAA AP NTICO 1 S HMOND WB AP HMOND CHIMBORAZO PK NOKE	37.9 39.8 42.9 43.6 41.9	4.	37.8 2 41.4 6 43.4 0 44.8 1 43.3	3.7	44.1 46.3 48.3 49.2 48.0	1.0	50.3 55.8 58.0 58.2 55.1	1.9	66.0 69.8 71.5 71.6 69.9	5.8 5.7 5.1 4.7	75 • 2 75 • 2	1.9 .9 .5	80.3		77.3 78.4	1.4 2.1 1.2	63.2 68.7 70.0 71.4 67.8	- :	55.7 59.6 60.7 61.9 61.0	1.9	42.9 46.3 48.8 50.1 47.8	:	35.2 39.5 1 42.5 3 43.6 0 39.7	3.0 3.0 2.8		2.4 2.2 2.1 1.8
. ROCI ROCI SAL	NOKE WB AIRPORT KY KNOB KYMOUNT TVILLE 1 N UNTON D AND B INST	41.5 38.7 42.6 39.4 38.7	4.	6 42.6 38.8 9 41.6 2 40.1 0 40.6	M 2.5	47.6 43.4 50.5M 46.8	3.7	55.2 M 56.3N 52.4 52.7	- 1.4	70.9 65.2M 70.8M 68.4 68.2	5.7 4.8	68.6M	3.4 1.7	78.4 71.1 81.6 74.6 75.7	2 • 5 6 • 5 1 • 2	76.8 71.5 74.5 73.0	1.0	67.4	4	57.2 62.6M 59.0 58.8	3.0 5.0 3.1 3.1	44.7		39.1 36.9 8 36.3 1 38.5	8 1.5	56.4 56.4	2.1 1.6 1.7
SUS TAN	ART FOLK LAKE KILBY SSEX GIER ISLAND BERVILLE 2 N	43.7 45.2 43.0 46.3 38.6	4.	1 44.0 44.7 44.0 46.0 39.0		7 48.6M 50.1 48.1 48.5 43.8	1.5	55.9 58.3 57.4 56.5 51.7	1	70.4 71.5 71.3 68.8 66.6	5.1	72.4 73.7 73.3 74.3 71.1	3	74.4 79.1 77.8 80.5 75.4	- 1.5	74.01 76.7 75.5 77.7 73.4	1 "	67.2 69.7 68.6 72.6 65.8	- 2•	5 61.5 61.1 59.2 63.1 56.4	3.:	49.6 49.3 46.6 51.7 43.7	1.	40.3 43.5 41.6 44.5 37.6	8	58.5 60.2 58.9 60.9 55.2	1.0
WAL WAR WAR	BANNA KERTON RENTON 5 NE RSAW 2 N HINGTON WB NAT AP	44.6 43.3 37.6 42.7 40.7	5.	8 45.7 7 44.7 40.2 8 43.5 5 42.6	6.	7 49.0 6 49.1 43.8M 7 47.5 5 47.5	1.4	58.3 57.9 53.7 56.7 56.7	2.0	72.2 71.7 67.4M 70.1 70.1	5.4	75.9 74.9 71.5 74.3 74.6	1.9 .1 1.6	80.0 78.3 79.7	1	77.5 76.5 .76.1 75.7 75.7	1 .;	69.3 69.8	:	6 51.8 2 60.4 60.8 9 60.0 1 60.5	1.	49.6 49.4 48.2 6 48.4 3 48.1	۱.	39.0	2.7 4.7 4.3 2.9	61.0 60.1 57.1 59.2 58.9	2.7
WAV WIL WIN	ERFORD FERLY HILLS LIAMSBURG RCHESTER 2 SSW DSTOCK	35.9 40.7 45.4 39.1 40.4	5.	37.8 42.1 0 45.9 9 41.1 4 41.6	5 ·	42.2 46.9 1 49.7 5 45.6 1 45.8	2 . 5	51.0N 55.3 58.4 54.0 53.4	1.1	64.2 69.2 71.9M 67.7 68.3	3.9	68.0 73.8 74.5 73.2 72.8	.9	78.0	2.1 1.2	75.9 78.3 75.5 75.3	M 2.	2 68.2		55.7 60.0 8 61.0 1 59.5 1 58.8		43.3 48.6 49.6 49.7 45.6	M - 4:		2.7 3.8 3.6		2.2 3.0 3.0
WYT	THEVILLE SECTION AVERAGE	38.7 41.2		7 39.3		2 44.5 6 47.0	i	51.6	1	65.6	4.2 .5.0	70-1	1 • 4 1 • 1	1	- 1.		1	1		1 56.1	2.	i		5 36.4 1 39.7	1.1	54.3 57.8	1

Table 2			Т	OT	AL I	PKE		ITA:	HOI	N A	עע	DEI	PAH —-	101	(E)	יחים	JM	NO.	U IAI Y	AL					VII	1953
	Janu	ary	Febr	uary	Mar	ch	Ap	ril	М	у	Ju	ne	Ju	ly	Aug	rust	Septen	nber	Octo	ber	Novem	per	Decem	ber	Ann	al
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
ABINGDON AFTON BOXWOOD GARDENS ALEXANDRIA POTOMAC YDS ALLISONIA ALTAVISTA	3.72 4.65 4.43 2.53 E 3.70	1.22	4.27 3.12 2.11 3.00 2.75	. •94	4.47 8.77 6.95 4.77 5.41	5.47	3.30 3.25 3.70 1.60	- •01	4.80 2.58 5.05 3.35	-1.27	3.51 3.19 3.65 6.06 3.08	- •22	4.07 2.29 2.38 3.76 3.63	-2.51	1.26 2.05 3.77 3.03 1.98	-3.06	2.89 2.46 2.43 .95 1.11	~1.42	.49 2.36 3.90 .71 3.24	-1.78	.86 2.25 1.24 .57 .61	.54	3.27 3.32 3.26 3.93 4.23	i	36.91 40.29 E49.30! 35.96 E34.94	- 2.94
AMISSVILLE APPOMATTOX ASHLAND 1 SW BACK BAY WILDLIFE RFG BALCONY FALLS	3.84 3.72 3.58 4.08	.55 .26	1.28 2.98 3.09	•22 •86	4.48 4.42 3.17 6.16	32 2.61	3.09 4.12 3.21 3.35	36 02	6.27 3.06 3.47 3.33	38	3.60 5.15 1.11 3.05	-3.03 71	2.07 2.07 1.27 2.47	-3.45 -1.66	2.71 1.61 4.25 3.18	42 -1.50	1.57 3.44 3.90	•59 -2•24	1.99 5.53 2.54 1.46	53 -1.96	. 1	-1.31	3.54 4.15 3.74 3.63	.80	33.64 E41.36 34.31 36.68	- 7.64 - 5.98
BEDFORD BERRYVILLE BIG KNOB BIG MEADOWS BLACKSBURG 2	3.57 3.95 3.27 3.89 E 3.05	65 - 33	2.50 1.46 4.31 2.05 4.28	79 66 74	4.81 3.85 4.93 7.63 4.25	1.00 1.19 4.12	3.03 3.87 3.16 5.39 2.73	12 .30 1.43	4.66 6.53 6.61 6.14 4.25	.79 3.94 1.99	3.40 2.14 2.86 2.41 5.75	-1.84	2.15 2.17 4.14 2.27 1.86	-2.07 60 -3.20	1.73 1.92 1.8 5.40 2.18		1.45 3.56 2.60 1.67 1.57	-1.88 06 -3.08	1.90 1.95 .26 3.80	-1.22 -1.95 -1.27	1.40	-2.12 -1.05 67	5.05 2.78 3.52 4.06 3.62	1.84 .47 .79	34.81 35.58 E37.30 47.90 E34.60	- 8.27 64 - 2.04
BLACKSTONE CAA AP BLAND BOWLING GREEN BREMO BLUFF BRISTOL	3.40 3.13 4.34 4.10 E 3.99	1.06	3.03 3.06 2.53 2.07 4.35	.87	2.96 3.89 4.87 4.68 5.44	1.22	3.83 1.85 3.55 2.90 3.80	•84	2.50 5.35 3.16 3.47 4.56	1.15	5.07 6.94 3.63 3.21 5.65]]	1.96 3.17 .91 1.98 5.15	.05	1.09 1.46 3.25 1.75 3.00	80	3.72 1.72 4.86 .63 3.85	1.17	1.52 .85 2.73 2.27 .45	-1.67		-1.74	4.05 3.31 3.60 3.79 2.98	53	34.12 35.46 39.28 31.80 E44.22	3.01
BRISTOL TVA BROOKNEAL BUCHANAN BUCKINGHAM 1 E BUENA VISTA	4.12 3.48 3.02 2.99 4.08	63 1.57	3.29 3.01 2.26 2.48	•29	4.51 4.74 4.01 4.64	•59	2.60 3.06 3.47 3.05	- •14 - •60	5.44 2.76 4.78 3.54 3.33	1.32	5.03 2.59 4.45 3.86	.11	3.95 3.67 3.60 1.68		2.41 2.42 2.18 2.49	-2•63	3.46 2.37 1.51 1.38	-1.64	1.51 1.18 3.37	-2.53	1.02	-1.90	2.70 3.01 3.45 4.48 3.70	.24 1.08	40.05 33.15 35.04 35.18	- 7.68
BURKES GARDEN BYLLESBY CAPE HENRY WB CITY CAPRON CATAWBA SANATORIUM CHANTILLY	3.39 2.87 1.61 2.28 2.72	29 -1.48 30 22	4.57 3.83 3.55 2.82 3.21	.99 41 .42	4.40 2.28 4.48 5.18	-1.08 .99 1.69	2.96 1.14 5.88 3.33 2.66	2.75 .39 38	6.23 3.18 4.03 1.63 4.08	2.10 .85 -1.35 .61	5.43 9.43 3.44 1.72 4.52	61 -2.19	6.11 4.31 3.25 .95 1.29	-2.06 -5.38	1.56 2.00 7.90 2.46 1.91	3.42 -3.39 -2.84	4.03 1.45 8.21 4.26 1.44	.70 4.50 .65 -2.02	.88 .53 .71 .76 .28	-2.07 -1.77, -2.33 -3.39	2.30 2.96 1.20	-1.79 33 .36 -1.22	3.49 3.93 2.79 4.24 3.10	03 20 1.80 .08	43.52 37.86 45.95 E31.89 31.59	
CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W CHASE CITY CHATHAM 2 NE	3.64 3.13 4.50 4.30 3.83		1.93 3.43 3.02 2.93 3.40	.22	5.37 4.69	2.95	4.04 2.92 3.27 3.04 3.58	- +25	7.39 2.39 4.48 4.20 2.01	•52	2.37 4.09 4.31 5.86 3.71	98	3.73 1.93 .76 1.84 3.17		1.52 5.11 2.50 2.14 2.52	-2.62	3.29 2.85 1.06 .91 3.22	-2.16	3.26 2.25 1.64 1.56	~1.99	1.13 1.13 1.78 1.29 .87	68	3.49 3.25 4.45 4.07 4.13	.99	40.80 36.45 38.19 38.51 35.81	- 6.42
CHAILMAN NE CHERITON CHILHOWIE 1 S CLARENDON LYON PARK CLARKSVILLE CLEVELAND	2.09 2.92 4.07 4.93	.77 1.64	3.33 3.48 3.85 2.34 3.99	22 .62	li	38 4.02 1.09	3.04 2.61 3.63 4.39	- •65 - •50 •27 •99	2.14 3.02 5.70 8.05 1.07	-1.48 05: 4.28 -2.80	4.69 4.55 3.05 6.53	62	2.83 1.39 2.45 4.20 1.58	.27	5.27 6.22 2.86 2.76		2.23 4.87 2.63 4.57 3.30	-1.88 .44 .83	1.59 .55 1.82 3.05 .58	-1.30 -2.49 65 -2.23	2.96 1.03 1.41	-1.81 -08 -1.45 -1.62	4.42 2.76 4.22 3.72 4.03	1.07 08 1.00 .53	40.42 E38.27 39.07 47.87 36.20	6.59
CLIFTON FORGE CLINCHCO CLINCHPORT COLUMBIA CONCORD 5 S	2.85 2.94 2.40 3.97 3.00	10 47 35	4.16 2.05 4.82 2.13	1.16 79 61	4.19 5.43 4.57 5.18 4.51	1.66 .19	2.39 2.40 2.91 3.41	- •23 - •93 - •06	3.17 5.70 5.13 4.49	41 1.06 .87	3.95 4.80 5.10 1.29	. 54	4.60 2.76 .98		2.00 2.80 .70 .54 1.67	-1.20 -4.13 -2.86	3.00 1.62 2.20 3.00 1.67	-1.14 35 -1.30	.20 .49 .50 .40 4.37	-2.78 -2.34 1.08	1.37 1.40 1.22	-1.39 -1.70 -1.56	2.08 3.08 1.90 3.75 3.46	.45 87 .31	40.44 33.96 E33.22 38.78 31.75	-10-42
COOTES STORE COPPER HILL COVINGTON CROZET 2 N	3.15 2.93 4.27 2.00 3.74	- •53	2.59 2.19 3.40 3.40 3.11	1.24	3.72 7.70 3.62 6.16	1.08	2.05 1.61 2.03 4.03	- •09	5.08 3.73 3.24 2.73	- •10	1.85 3.62 2.75 3.49	59	2.61 1.12 2.12 2.42 1.56	-ì.30	1.70	-1.51	3.45 3.07 1.85 2.75	.37	6.11 1.46 1.28 1.54 3.49	73	1.04	-1.28	4.58 2.58 3.27 2.73 3.88	. 83	43.91 31.12 E35.38 29.36 35.87	
CULPEPER DAHLGREN PROV GROUND DALE ENTERPRISE DAMASCUS DANTE	5.04 5.04 E 2.91 3.78 3.53	3.19 .27 .41 41	2.12 2.55 2.37 4.47 3.57	28 .06 .14 .81 03	5.37 4.43 4.08 4.67	3.10 2.02 1.52 .16 .20		62 70 -1.29	3.12 4.40 5.19 3.98 6.21	1.67 34 1.79	2.66 2.05 3.33 5.66 9.40	-1.82 -1.46 1.59 4.68	2.39 5.22 2.38	-2.08 -2.04 50 -3.52	2.38 2.16 1.54	-3.03 -1.80 -2.30 -3.29	3.72 1.60 2.47 1.34	-2.50 1.03 96 85 -1.98	1.64 1.37 .22	-1.06 -1.00 -2.73	1.38 1.58 1.09	-1.33 -1.80	3.25 3.22 2.68 3.73 2.34	.13 .09 .78	E33.17 41.42 E32.70 40.66 38.51	- 4.63 - 3.27 - 9.63
DANVILLE DANVILLE CAA AP DARWIN DAVENPORT DEERFIELD 2 NE	3.94 3.71 E 3.48 E 4.15	•57	4.25 4.20 2.87 2.05 3.35	1.06	3.91 3.21 2.27 5.76	2.55	2.83 3.64 3.77 2.95 2.10	- •55	2.24 1.61 7.54 4.55	-1.34	4.63 4.52 4.56 5.42		2.13 1.41 1.11 1.47	-2.06	1.52 1.57 .21 .74	-2.92	2.70 2.78 .95 1.10	41	.68 .85 .76 .51	-2.24	•59 •78 •56	-1.47	4,43 4,15 2,59 1,02	. 85	34.24 32.94 E31.84 E26.79	- 7.51
DIAMOND SPRINGS DITCHLEY 1 S DRIVER 5 NE DUNBAR DUNGANNON	1.96 2.87 1.43 5.49 3.24	-1.58	3.56 2.49 3.64 5.16 4.30	•22	4.26 2.77 5.36 4.65	• 55	3.51 2.72 3.58 2.37 3.01	•24	5.94 3.30 3.27 7.48 5.49	1.79	3,68 1,17 2,42 5,44 5,95		2.90 5.24 1.66 3.08 2.98		7.39 7.79 2.34 1.80		3.71 3.69 1.60 2.09	1.10	1.06 .17 .90 .54	-1.88	2.35 2.89 1.42 1.38	•40	2.85 2.91 3.27 3.78 3.63	-1.30	47.53 38.58 37.31 44.06 38.78	1.52
ELKWOOD 6 SE EMPORIA 1 WNW EPISCOPAL HIGH SCHOOL FAIRFAX FALLS CHURCH	2.65 2.66 4.28 2.77 3.76	- •79	2.18 3.85 2.47 1.92 2.02	• 45	5.91 4.19 7.22 5.68 6.18	2.86	3.97 2.79 4.02 3.22 3.70	49	4.02 3.22 12.43 7.99 6.29	64	3.81 3.41 4.25 3.13 2.79		.79 .89 3.54 4.65 3.81	-5.74	4.40 5.46 E 4.12 3.07 1.71		2+81 4+22 5+56 3+43 2+89	.26	.73 3.83 3.62 2.84	-1.73	2.02 2.17 1.39 1.56 1.51	45	3.89 3.94 3.57 4.01 3.71	1.15	E39.84 37.53 E56.68 45.05 41.21	
FARMVILLE FLOYD FLOYD 2 FORT LEE FREDERICKSBURG	3.29 2.94 3.54 3.15 4.54	1.20	3.21 3.75 2.95 3.63 2.12	60	5.20 5.87 3.24 E 5.71	1.37 1.85	1.30 3.70 3.48	1.08 -1.25 02	1.47 2.74 2.92 6.76	-1.92 -2.80	2.97 4.22 3.53	-1.52	1.28 2.30 .90	-3.65	1.90 2.33 3.41 3.15	-2.92	1.29 7.01 1.39	1.19 -1.45	1.34 1.54 3.99	88 -1.87	1.13 2.14 1.62	-1.22 -1.43 49	3.47 3.06 3.15 3.20 2.79	02 35	30.41 29.89 40.46 E39.98	- 3.79 -15.56 - 2.07
FRONT ROYAL 6 NNW GALAX 3 S GLEN LYN GORDONSVILLE CAA AP GOSHEN GROSECLOSE	2.81 2.83 2.54 2.78 4.48	76	1.19 3.20 3.61 2.38 3.10	4 53	3.83 6.35 3.55 3.88 5.36	• 32	3.08 2.61 2.80 3.29 2.86	•08	5.20 1.39 4.60 3.23 3.71	1.50	4.55 3.92 4.85 3.30 4.58	1.47	1.16 2.62 1.10 1.09 2.60		2.27 3.14 .48 2.51		2.49	60	1.61 .87 .66 3.00 1.98	-2.16	1.21 .94 .61 .88 1.58	-1.63	2.77 3.63 2.93 4.35 3.28	• 09	30.91 33.25 32.35 29.03 38.53	- 5.04
GROVETON GRUNDY HALIFAX HAYS!	4.09 E 3.62 3.61 E 3.25	.08	1.83 3.46 3.60 3.22	•57	6.81 4.18 4.00 4.08	•18 - •73	3.82 2.72 2.37 3.27	89 -1.99	7.33 6.47 2.20 6.67	-1.80 2.15	2.64 5.65 4.15 6.04	•15	6.63 4.68 3.19 1.13 5.01	-4.81	2.55 3.83 1.62 4.43 1.57	•25	1.82 3.47 1.75 3.34 1.96	90	3.84 .65 1.05 .47	-1.66	2.17 1.04 1.11 1.02	-1.98	3.25 2.63 3.13 2.72	03	47.76 E36.98 34.12 E39.28	-10+84
HILLSVILLE 1 NW HOLLAND 1 E HOLSTON HONAKER	2.79 2.17 3.83 2.86	,-1.62	3.45 4.61 4.61 3.93	1.08	6.09 2.53 3.80 3.51	-1.02	1.55 3.26 2.73 2.71	30	2.31 4.64 6.57 7.47	1.48	7.17 3.54 6.58 6.17	-1.19	2.15 2.90 1.32 2.59 2.56	l l	1.29 2.39 10.61 .08 1.07	-5.16 4.57	3.55 2.40 4.76 2.50 2.63	.33	.40 .47 .70 1.14	-2.39 -1.63	1.09 2.73 1.01 1.11	22	3.50 3.59 4.35 2.46 2.47	1.72	E38.33 36.80 45.22 37.90 37.02	-15.97 - 2.59
HONAKER 3 NE HOPEMELL HOT SPRINGS HUDDLESTON INDEPENDENCE	3.33 3.54 2.71 3.85 E 3.28	54	4.23 3.32 3.89 3.36 3.45	.31 1.33	5.99 5.09	.20 1.26	3.37 3.45 2.52 2.18 2.55	82	6.46 3.10 2.17 4.24 2.80	57 -1.43	3.17 5.09	88 -1.06	3.36 2.02	-2.90 -2.76	1.52 3.47 2.86 1.31 1.08	-1.21 -1.30	3.41	1.91 97	.76 .52 1.11 2.69 .75	-2.14 -2.36	1.64 .50 1.26	25 87	2.50 2.83 3.26 4.56 4.27	69 .21	36.19 E35.05	- 5,61 - 9,31
INDEPENDENCE 2 JEWELL RIDGE JOHN H KERR DAM JONESVILLE 2 SSE KERRS TREEK	3.45 3.45 3.81 4.20 3.47		3.79 3.93 3.67 5.56 3.87		4.20 4.39 4.26 4.97 5.93		1.16 2.48 3.51 2.74 2.24		3.04 7.88 2.16 5.58 2.45		4.29 7.26 3.01 4.96 4.96		2.63 3.54 1.75 4.55 4.77		1.28 1.19 1.32 2.04 1.04		2.06 1.70 3.11 2.28 1.93		.65 1.06 .91 .35 1.23		1.02 1.30 .92 1.74 1.38		2.78 2.82 4.02 3.60 4.16		E30.32 41.00 32.45 42.77 37.43	
LAFAYETTE 1 NE LAMGLEY AIR FORCE BASE LAWRENCEVILLE LEE EXP FOREST LEXINGTON	3.60 2.65 2.76	-1.42	3.60 4.15 3.80 2.20 3.40	• 81	3.98 4.72 5.39	2.96	4.23 3.60 3.04 3.63	1.25	2.11 2.52 3.14 3.82	-1.28	3.13 1.22 5.41	1.29	1.74 1.71 1.25 1.93	-3.37 -1.96	2.01 5.70 1.16 .64 1.07	1,17 -3,02	1.27 5.76 2.69 1.05 1.54	2.99 -1.20	.34 .52 1.03 3.60 1.54	-1.59	1.04 3.21 2.48 1.28	1.08	3.70 2.50 4.02 4.23 3.33	55	33.07 38.11 31.35 35.46	- 2.47 - 3.12
LINCOLN LOUISA LOVES MILL LURAY LYNCHBURG MADISON HTS	4.55 2.34 3.10 3.43 4.18	1.55	2.01 2.21 3.70 1.50 3.09	60 43	5.90 5.41 3.89 4.12 4.88	2.62	3.49 3.45 3.50 3.07	.35	6.34 3.23 6.39 4.07 4.52	2.74 59	2.82 3.08 7.15 1.26 4.55	-1.91 -1.06	3.71 1.29 4.41 3.62 2.40	-3:11	3.33 .57 1.00 3.33 2.12	- •93 -3•93	2.79 1.75 2.43 3.54 2.43	-1.32	1.79 3.43 1.05 1.95 3.54	-1.22 .15	2.20 1.14 .90 1.31 .85	15 -1.12	3.99 4.19 3.29 2.29 5.48	1.25	43.46 32.13 40.76 33.92 E41.11	4.69 - 8.70

es Reference Notes Following Station Ind

Ta	ble 2-Continued	_																									1953
		Janu	ary	Febru	ıary	Marc	zh.	Apr	il	Ма	y	Jun	le	Jul	у	Aug	ust	Septer	nber	Octol	ber	Nove	mber	Decem	ber	Ann	ual
	Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Procipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
,	YNCHBURG WB AIRPORT ANASSAS IARION IARION IARSHALL IARTINSVILLE FILT PL	3.41 3.74 2.61 4.00 3.62	02 .62	2.89 1.99 4.13 1.79 4.28	-1.10 .79	4.82 4.63 4.22 4.14 5.59	1.25	3.26 4.02 2.74 2.84 2.08	•13 •97	3.04 5.53 6.12 6.31 2.13	~ .05 1.89 -1.58	4.78 2.74 6.37 2.69 3.04	86 -1.21	2.46 2.56 2.19 3.69 3.73	-1.69 -1.25	2,77 3,34 1,82 2,47 2,16	-1.58 -1.58	3.11 2.25 1.96 1.88	- 01 - 033	3.97 3.44 1.12 1.94 1.24	1.10 .93 -2.21	1.00 1.21 .70 1.17	-1.37 -1.16	4.86 3.43 4.07 3.64 4.78	1.71	40.37 E38.88 38.05 36.56 34.37	.80 .25
,	ATHEWS 1 SSW EADOWS OF DAN 5 SW ENDOTA ONS IONTEBELLO 3 NE	1.88 4.47 3.75 4.72 4.52	44 .88	2.50 6.98 4.81 3.96 4.56	1.13 1.80	4.15 9.63 4.85 5.98 8.09	.34 4.89	3.61 2.67 4.63 5.13 4.47	•95 •70	2.63 3.22 7.39 4.53 3.87	3.46 -1.49E	4.02 8.92 4.79 4.79 4.04	.44 -1.48	3.43 3.27 3.09 3.07 1.92	-1.98 -3.49	7.41 2.12 .19 1.47 1.54	-4.22 -4.31	3.63 1.61 2.69 1.99	36 -2.34	.35 .82 .90 1.96 2.72	-1.99 -1.41	2.50 1.54 1.40 2.30 2.93	-1.34 52	2.80 6.60 3.82 5.51 3.23	01 07	E39.01 51.85 42.31 45.41 E43.81	- 4.02 - 6.84
1	IONTEREY IOORES CREEK DAM IOUNT WEATHER IATURAL BRIDGE STATION IEW CANTON	4.20 3.20 3.84 3.31 3.33	.70 49 .88E	3.76 3.70 1.62 2.84 1.99	96	4.76 4.26 4.55 4.57	.49 1.41 .74	3.21 .70 3.22 4.09 3.91	- +12 -1.95 - +42	2.61 .30 8.87 2.88 3.23	-1.83 -2.56 5.07 19	6.62 2.95 1.70 4.00 2.94	- •79		-1.80 -1.21 -1.60 -2.10	2.26 1.70 3.51 1.91	-2.18 -2.74 -3.02	2.35 3.10 1.38 1.20	29 12 -1.83	2.14 1.72 2.71	-1.41 -1.57 47	1.36 1.19 1.03 1.26	-1.09	3.41 1.99 3.43 3.80	•11 - •59 •50	39.37 E35.69 36.63 32.64	- 4.38 - 4.21 - 8.84
1	IEW CASTLE IEWPORT : IEWPORT NEWS IORFOLK WB AIRPORT IORFOLK	2.75 3.56 .87 1.72 1.41	-1.45 -1.76	3.99 3.37 4.13 3.48 3.30	.42	4.73 3.95 3.14 2.67 2.27	60 -1.00	2.02 1.80 3.43 5.80 6.52	2.64 3.36	5.13 4.30 3.15 3.16 4.48	29 1.03	2.54 3.53 2.01 2.92 5.49	-1.16 -1.24 1.33	1.81 1.15 2.50 3.56 2.88	-2.49 -3.17	2,21 1,96 6,78 9,14 8,87	-2.74 4.06 3.79	2.70 1.66 4.56 4.17 3.97	11 .31	.56 .41 .84 1.05	-2.19 -1.40 -1.59	.83 1.40 2.75 2.74 2.30	-1.35 07 37	3.25 3.75 2.62 2.69 2.83	19 05	32.52 E30.84 36.78 43.10 45.18	
	MORTH BRISTOL SUBSTA MORTH RIVER DAM DLINGER DNLEY 1 S PARTLOW 3 WNW	3.99 3.34 4.88 2.82 4.00	.50E	4.18 2.41 4.82 3.87 1.95	•11 •21	5.16 5.30 4.77 4.04 5.40	2.09	2.40 1.54 2.59 3.34 4.48	-1.57 .08	5.37 1.65 6.31 3.70 4.97	-2.36 .48	4.52 1.23 6.37 6.48 2.43	-3.00 3.14	3.95 1.86 4.59 1.89	-3.67 -2.39	2.70 1.10 1.81 15.01 1.63	-3.54 9.95	3.15 E 1.94 2.16 3.01 1.41	-1.35 10	.35 .66 3.18	-1.78 -2.54	.93 2.09 1.81 3.54 1.70	- 445 1438	3.30 3.02 3.56 2.39 3.23	-1.29	40.09 E26.96 44.02 E50.75 34.90	-14.43 8.68
	PEDLAR DAM PENNINGTON GAP 1 W PHILPOTT DAM PHILPOT DAM 2 PIEDMONT FIELD STATION	4.50 4.46 4.19 E 3.27	1.53	4.69 5.00 4.53 2.40	1.88	5.54 4.35 6.79 5.40	2.30 -1.05	3.78 3.98 1.56 3.79	.35	3.12 5.77 2.61 3.66	-1.05 2.19	3.94 2.95 3.57 3.70	-1.35	1.41 5.81 2.13	-3.93 .29	1.83 2.57 1.23	-4.33 -1.90	1.86 2.63	-1.33 .26	2.09 •36 •86 2.50	-1.07 -2.18	.80 1.66 .44 .65	-1.18	5.19 3.87 5.02 3.78	1.73	38.75 43.41 E32.48	
	PILOT PULASKI PULASKI PULASKI CAA AP DUANTICO 1 S	2.53 2.87 2.98 2.77 3.58	.50	2.80 2.69 4.09 4.19 2.53	11	3.76 3.93 4.31 4.25 4.62	1.30	1.24 3.91 2.07 2.60 3.95	•70	3.63 2.33 3.87 3.54 7.22	4.09	3.38 1.59 7.26 6.19 4.19	.37	1.85 1.28 2.92 3.81 2.32	-1.65	2.52 1.58 2.75		1.02 2.18 .82 1.56 1.20	'	2.67 .47 .45 4.94	1.98	1.16 .90 1.31 2.97	.87	3.41 3.25 3.62 4.12 2.55	28	25.60 26,99 35.83 36.47 42.82	4.26
	RADFORD RANDOLPH RAPIDAN RICHMOND WB AP RICHMOND CHIMBORAZO PK	2.60 3.50 4.00 4.47 4.34	50 27 .83 .71	3.59 2.45 3.36 3.05	.40 .41 .60	5.15 4.66 5.66 3.95 3.63	2.01 .96 .53	1.69 2.67 3.84 3.16 3.55		3.84 3.86 2.35 2.54	-1.29 -1.15	5.19 3.33 4.24 3.06 2.50	1	3.18 3.31 .61 2.04 2.29	-3.60 -3.09	• 75	-4.05 -4.20	6.84 5.40	-1.83 1.86 3.19 2.04	.72 .83 1.89 2.16 3.65	-2.26 -2.04 45 1.23	1.19 .58 1.85	-1.17 64 -1.09	3.35 3.44 3.86 2.94 3.15	.47 .18 .05	31.93 35.80 33.35 37.17 36.37	~ 5.72 ~ 5.80
	RIVERTON ROANOKE ROANOKE WB AIRPORT ROCKFISH ROCKY KNOB	3.60 3.20 2.78 4.87 3.60	•10 - •61	1.22 3.13 3.08 3.32 3.38	90 .35 .52 .60	3.72 5.37 5.13 6.95 7.42	1.18 2.05 1.94 3.79	2.43 2.19 2.69 3.71 E 2.57		5.73 4.57 4.12 3.69 2.49	.50	4 • 22 3 • 94 5 • 34 3 • 82 4 • 24	1.64	.53 .56 1.47 2.31 3.03	-3.44 -3.69	2.35 1.33 2.08 3.15 4.80	-2.46 -1.93	2.11 1.57 1.47 1.30 1.73	-1.92	1.87 .83 .42 2.58 .99	-2.97	1.80 .72 1.03 1.37 1.61	-1.48 -1.78 -1.74	2.95 3.70 3.81 5.35 4.26	.60 .68 1.88	33.42 42.42 E40.20	- 9.16 - 8.16 - 5.57
	ROCKYMOUNT ROSE HILL SALTVILLE SALTVILLE 1 N SLATE	3.48 3.82 3.30 3.52 E 3.27	- +08	4.19 5.86 3.87 4.13 3.01	•98 •52	4.66 3.70 4.07 4.09 3.90	34	1.21 2.33 2.55 2.72 3.60	-2.12	2.35 5.80 6.99 6.69 6.18	-1.32 2.88	3.30 6.35 4.68 4.48 5.91		4.13 3.60 2.39 2.09 3.00	-2.94	1.25 .38 1.41 2.02 E 1.45		1.53 1.51 1.38 1.52	-2.73	1.96 .48 .71 .69 E .85	-1.90 -2.13	1.86 .99 1.03	1	3.74 3.65 3.45 3.34 2.32	15	831.73 39.36 35.92 36.18 835.81	- 7.78
	SMITHFIELD SOMERSET SPEEDWELL SPRING CREEK 2 STAFFORDSVILLE	1.46 4.83 2.47 3.66 2.62		3.20 2.35 3.39 4.88 3.98		3.39 5.24 3.67 4.13 4.52		3.60 3.40 1.48 2.70 2.30		1.34 4.35 4.26 6.80 4.79		2.86 4.20 4.79 7.96 5.37		1.93 .39 7.19 3.36		5.06 1.85 2.44 2.11 2.58	·)	5.83 .56 1.47 1.60 2.27		1.98 80 .76		3.52 .63 .69 1.51		3.28 E 3.83 3.09 3.11 3.81		E36.21 E33.60 35.74 42.58 35.54	
	STATE FARM STAUNTON D AND B INST STUART STUARTS DRAFT SUFFOLK LAKE KILBY	4.28 E 2.82 4.02 2.78 1.44	.97	3.19 2.15 5.37 2.09 3.28		4.75 5.42 7.64 5.02 2.12	2.28 3.45	3.02 3.16 3.73 3.93 3.37	•21	3.77 3.63 2.12 3.26 2.85		2.91 3.56 7.48 4.12 6.23		4.26 4.13 2.30 3.66	45	2.80 2.86 2.50 3.88 9.22	-3.17	2.62 2.06 2.08 2.15 3.78	-1.81	2.23 1.00 1.42 1.29	-2.76	1.17 .94 1.26 1.6! 2.57	-1.15 -1.72	3.68 2.77 5.73 2.67 3.84	413 1.79	35.14 42.93	- 3.07 1.52
	SURRY 3 S SUSSEX SWORDS CREEK TANGIER ISLAND TAZEWELL	2.13 2.32 3.64 2.42 4.16		2.74 3.07 4.18 1.45 3.72		3.26 3.60 3.70 2.20 4.20		2.98 2.64 3.92 2.51		1.85 1.88 7.93 1.95 6.82		3.00 5.38 7.58 2.82 5.89		3.87 1.40 3.84 .94 5.39		5.28 2.78 .51 14.64 3.21	!	3.66 2.19 2.33 2.66 1.53		1401 447 57 88 81		1.70 1.31 2.22 1.10	3	3.33 E 3.56 2.43 3.10 2.67	!	37.22 E31.23 40.66 39.20 42.09	
	TIMBERVILLE 2 N TROUT DALE TYE RIVER URBANNA VIENNA DUNN LORING	2.88 5.72 3.86 3.56 3.57	.63	2.04 5.22 3.04 2.70 2.03	- • 1 •34 -1•14	4.22 5.97 5.49 4.20 5.67	2.43	2.37 2.99 3.31 2.43 4.57	.50 -1.48	5.00 3.03 2.81 2.91 6.71	77 41	2 • 16 6 • 37 5 • 65 3 • 78 3 • 25	.79	3.65 1.00 2.85 3.76	-4.28 -3.15	3.76	-1.41	3.17	-2 • 23 - • 66	1.81	38 -3,19	1.30 E 1.7	-1.19 2 -12	3.81	1.53	48.47 E39.49	- 4.04 -10.51
	MALKERTON MALLACE MALLACETON LK ORUMMOND MARRENTON 5 NE MARSAW 2 N	3.42	-1.33 .88	3.23 4.14 4.26 2.33 3.28		3.38 4.12 1.87 4.61 4.38	-2.38	3.09 2.33 3.56 3.04 3.31	60 01	5.38 2.30 5.74 4.25	53		-2.79	2.00	-5.73	4.7	3.70	3.12 4.07 1.39	.03	2.26	-2.82	1.3	50	3.49 2.68	d .	37.50 E41.33 35.96 35.33	9.86
	WASHINGTON WASHINGTON WE NAT AP WATERFORD WAVERLY HILLS WILLIAMSBURG	3.59 4.13 4.10 3.89 2.11	.89	2.03		5.10		3.00 4.77 3.12 4.30 5.30	1.71	6.81	L 	2.8	43	4.4 4.8	-1.54	3.44 2.3 4.5	-1.21	2 • 3 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 ·	4.1	1.56 3.22 .29		1.8 1.8 3.4	6 0 8 1.06	3.85 3.72 3.55	. 20	39.80 46.1 E45.7	7 110.69 6 2 - 1.59
	WILLIAMSVILLE WINCHESTER 2 SSW WOODSTOCK WOOLWINE 4 S WYTHEVILLE	3.89 3.89 3.21 5.16 2.69	1.36	1.33	73 66		.82	1.95 2.89 2.45 2.20 1.72	26	3.21	4.13	3.30 7.53	-2.84	1.5	-2.58	1.99	-1.65 -1.83	3.70	1 .67 0 1.21	1.28	-1.38	1.6	6 -1.00 515	2.61	• 21	31.9	- 2.22 - 1.62
	SECTION AVERAGE	3.30	.06	3.05	.04	4.75	1.11	3.41	.12	. 4.20	.39	3.76	38	2.3	-2.25	3.1	-1.3	2.79	41	1.76	-1.15	1.4	8 -1.10	3.47	. 30	37.5	6 - 4.59

Table 3				1411 111	LITOILL			10 1112					1953
_	1691				Las	spring minimu	na. of	F	irst fall minimum	of		o. of days etween 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 YDS ASHLAND 1 SW	101 104	8-30 8-30	16 8	12-19 12-18+	3- 9 (23°) 3-10 (22°)	3- 9 (23°) 4-22 (28°)	4-22 (32°) 4-22 (28°)	10- 7 (29°)	12- 3 (26°) 11- 7 (24°)	12-17 (20°) 11- 7 (24°)	283 242	. 269 199	168
BACK BAY WILDLIFE RFG BALCONY FALLS BEDFORD	99 102	7-31+ 7-30	8 14	12-18 12-18+	3-10 (22°) 3-10 (23°)	3-11 (27°) 4-22 (28°)	4-22 (29°) 4-22 (28°)	10- 8 (32°) 10- 8 (29°)	11- 7 (20°) 11- 7 (28°)	11- 7 (20°) 11-11 (24°)	242 245	241 199	169 169
BERRYVILLE BIG MEADOWS BLACKSBURG 2 BLACKSTONE CAA AP BOWLING GREEN	103 89 96 102 103	8-31 8-31+ 9- 2 9- 1 8-31	5 2 8 11 12	12-19 12-18 12-19 12-18 12-18+	4-15 (22°) 3-10 (23°) 3-9 (23°) 3-9 (24°)	4-22 (25°) 4-22 (27°) 3-10 (28°) 3-10 (27°)	4-22 (25°) 	10- 8 (25°) 10- 8 (30°) 10- 8 (27°) 11- 6 (30°) 11- 6 (30°)	10- 8 (25°) 11- 6 (18°) 10- 8 (27°) 11- 7 (25°) 11- 7 (26°)	11- 5 (24°) 11- 6 (18°) 11- 7 (22°) 11-29 (22°) 11-29 (23°)	204 - 242 265 265	169 - 169 242 242	169 169 199 200
BRISTOL BUCHANAN BURKES GARDEN CAPE HENRY WB CITY CAPRON	99 102 90 100 102	9 1+ 9 2 9 1+ 7 2 7-30	8 10 - 1 27 13	12-18 12-18+ 12-18 1- 5+ 12-18	2-23 (20°) 3-10 (20°) 4-22 (24°) None 2-18 (22°)	4-21 (28°) 4-22 (27°) 4-22 (24°) 1- 5 (27°) 3-10 (28°)	4-28 (32°) 4-22 (27°) 4-22 (24°) 3-9 (32°) 4-15 (32°)	11- 7 (18°) 10- 8 (28°) 9-14 (31°) 12-16 (32°) 10- 8 (31°)	11- 7 (18°) 10- 8 (28°) 10- 8 (20°) 12-18 (27°) 11- 7 (26°)	11- 7 (18°) 11- 7 (20°) 10- 8 (20°) None 11-27 (22°)	257 242 169 - 282	200 169 169 347 242	193 169 145 282 176
CATAWBA SANATORIUM CHANTILLY CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W	99 102 102 105 104	7-31 8-30+ 7-31+ 9- 2 9- 1	10 10 7 12 11	12-18+ 12-18+ 12-18 12-18 12-18	3-10 (24°) 3- 9 (23°) 3- 9 (20°) 3- 9 (23°) 3-10 (23°)	3-10 (24°) 4-20 (26°) 3-10 (26°) 3-9 (23°) 3-10 (23°)	4-21 (32°) 4-22 (30°) 4-22 (29°) 4-21 (31°) 4-22 (31°)	10-8 (32°) 10-8 (27°) 10-8 (32°) 11-6 (27°) 10-8 (31°)	11- 6 (26°) 10- 8 (27°) 11- 7 (20°) 11- 6 (27°) 11- 7 (21°)	11- 7 (24°) 11- 8 (24°) 11- 7 (20°) 12-17 (16°) 11- 7 (21°)	242 244 243 283 242	241 171 242 242 242	170 169 169 199 169
CHASE CITY CHATHAM 2 NE CHERITON CHILHOWIE CLARKSVILLE	102 99 - 96 102	7-30+ 7-31 - 9- 1+ 8-30	13 :.4 23 3 13	12-18 12-18 12-18 12-19 12-18+	3- 9 (23°) 3- 3 (24°) 2-18 (27°) 4-22 (24°) 2-18 (23°)	3- 9 (23°) 4-22 (28°) 3- 9 (28°) 4-28 (28°) 3-17 (28°)	4-21· (32°) 4-22 (28°) - 4-28 (28°) 4-20 (32°)	11- 6 (29°) 10- 8 (30°) 	11- 7 (24°) 11- 7 (20°) 12-17 (25°) 10- 8 (28°) 11- 6 (27°)	11- 7 (24°) 11- 7 (20°) 12-19 (24°) 11- 7 (22°) 11-27 (23°)	243 249 304 199 282	243 199 283 163 234	199 169 - 163 199
COLUMBIA CROZET 2 N CULPEPER DAHLGREN PROV GROUNDS DALE ENTERPRISE	105 103 102 102 99	9- 1 8-29+ 8-31+ 8-31 7-30	10 13 5 16 7	12-18 12-18 12-18 12-18+ 12-18+	3-10 (22°) 3-9 (20°) 4-22 (23°) 3-2 (24°) 3-31 (24°)	4-22 (27°) 3-10 (27°) 4-22 (23°) 3-10 (27°) 4-22 (27°)	4-22 (27°) 4-21 (32°) 4-22 (23°) 3-10 (27°) 4-22 (27°)	10-8 (29°) 11-6 (30°) 10-8 (27°) 11-6 (30°) 10-8 (27°)	11- 7 (23°) 11- 7 (28°) 10- 8 (27°) 11-27 (28°) 10- 8 (27°)	11- 7 (23°) 11-29 (22°) 11- 8 (23°) 12-17 (21°) 11- 7 (24°)	242 265 259 290 221	199 242 169 262 169	169 199 169 241 169
DANTE DANVILLE DANVILLE CAA AP DIAMOND SPRINGS DITCHLEY 1 S	97 102 101 97 102	7-30 7-31 8-31 7- 2+ 7- 2	- 1 11 12 22 14	12-18 12-18 12-18 12-19 12-19	2-24 (23°) 2-23 (23°) 2-18 (21°) None 2-18 (20°)	3-10 (28°) 4-22 (27°) 4-22 (28°) 2-18 (28°) 3-10 (28°)	4-21 (32°) 4-22 (27°) 4-22 (28°) 3-10 (32°) 4-22 (32°)	11- 5 (30°) 10- 9 (32°) 11- 6 (31°) 11- 8 (32°) 11- 7 (31°)	11- 6 (28°) 11- 7 (24°) 11- 7 (24°) 12- 3 (28°) 11-29 (28°)	11- 7 (23°) 11- 7 (24°) 11- 7 (24°) None 12- 3 (23°)	256 257 262 - 288	241 199 199 288 264	198 170 198 243 199
ELKWOOD 6 SE EPISCOPAL HIGH SCHOOL FALLS CHURCH FARMVILLE FLOYD	104 102 101 105 97	7-30 9- 1 8-31 7-30 7-30+	3 - 11 4 12	12-18 - 12-19 12-18 12-19	3-11. (24°) 3- 9 (21°) 3- 9 (20°) 3-10 (22°) 3- 9 (20°)	4-22 (25°) 3- 9 (21°) 4-15 (28°) 4-22 (25°) 4-20 (25°)	4-22 (25°) 4-20 (30°) 4-22 (30°) 4-22 (25°) 4-22 (31°)	10-8 (27°) 11-6 (30°) 10-8 (32°) 10-8 (26°) 10-8 (28°)	10- 8 (27°) 11- 7 (28°) 11- 6 (28°) 10- 8 (26°) 10- 8 (28°)	11- 7 (23°) 12-17 (19°) 11- 8 (19°) 11- 7 (19°) 11- 7 (20°)	241 283 244 242 243	169 243 205 169 171	169 200 169 169 . 169
FORT LEE FREDERICKSBURG FRONT ROYAL 6 NNW GLEN LYN GORDONSVILLE CAA AP	103 106 104 98 105	7-30 9- 1 8-31 7-30+ 8-31	11 9 8 6 7	12-18 12-18+ 12-19 12-18+ 12-19	3- 9 (24°) 4-20 (24°) 3- 9 (21°) 2-23 (18°) 4-22 (24°)	3-10 (26°) 4-20 (24°) 4-22 (27°) 4-22 (27°) 4-22 (24°)	4-21 (30°) 4-22 (29°) 4-22 (27°) 4-22 (27°) 4-22 (24°)	11- 6 (32°) 10- 8 (28°) 10- 8 (27°) 10-31 (28°) 10- 8 (27°)	11-29 (22°) 10-8 (28°) 10-8 (27°) 10-31 (28°) 10-8 (27°)	11-29 (22°) 11- 7 (24°) 11-11 (23°) 11- 7 (23°) 11- 7 (17°)	265 201 247 257 199	264 171 169 192 169	199 169 169 192 169
HALIFAX HOLLAND 1 E HOPEWELL HOT SPRINGS JOHN H. KERR DAM	104 100 101 96 101	8-31 7- 3+ 7-30+ 8-31 8- 1+	7 13 - 11 7 14	12-18 12-19 12-18+ 12-18 12-18+	3-10 (23°) 2-25 (21°) 2-18 (18°) 3-10 (20°) 3- 9 (23°)	4-22 (27°) 3-9 (26°) 3-10 (27°) 4-22 (25°) 3-10 (27°)	4-22 (27°) 4-22 (32°) 4-21 (32°) 4-22 (25°) 4-22 (29°)	10-8 (32°) 11-7 (31°) 11-6 (28°) 10-8 (27°) 11-6 (32°)	10-10 (26°) 11- 8 (27°) 11- 6 (28°) 10- 8 (27°) 11- 7 (27°)	11- 7 (24°) 11-29 (24°) 11- 7 (24°) 11- 6 (20°) 11-27 (24°)	242 277 262 241 263	171 244 241 169 242	169 199 199 169 198
LANGLEY AIR FORCE BASE LAWRENCEVILLE LEE EXP FOREST LEXINGTON LINCOLN	99 104 100 99 106	7- 2 7-31 8-31 8-31 8-31	19 8 5 9 13	12-19 12-18 12-18 12-18 12-18 12-19	None 3-10 (24°) 3-10 (23°) 3-10 (22°) 3- 9 (21°)	2-18 (27°) 4-22 (27°) 4-22 (28°) 3-10 (22°) 3-11 (26°)	3- 9 (29°) 4-22 (27°) 4-22 (28°) 4-22 (29°) 4-20 (30°)	11-29 (32°) 11-6 (31°) 10-8 (27°) 10-8 (31°) 10-8 (32°)	12-17 (24°) 11- 6 (25°) 10- 8 (27°) 11- 7 (21°) 11- 6 (28°)	12-17 (24°) 11-26 (24°) 11- 7 (19°) 11- 7 (21°) 12- 3 (23°)	261 242 242 242 269	302 198 169 242 240	265 198 169 169 171
LOUISA LURAY LYNCHBURG WB AIRPORT MANASSAS MARTINSVILLE FILT PL	104 102 100 102 98	7-30+ 9- 1+ 7-30 8-31 7-30+	10 4 11 12 8	12-19 12-18 12-18 12-18+ 12-18+	3-11 (23°) 3-10 (21°) 3- 9 (24°) 3- 9 (23°) 4-22 (24°)	4-20 (27°) 4-22 (26°) 3-10 (27°) 3-21 (27°) 4-22 (24°)	4-22 (29°) 4-22 (26°) 4-21 (30°) 4-22 (29°) 4-22 (24°)	10- 8 (28°) 10- 8 (28°) 11- 6 (29°) 10- 8 (31°) 10- 8 (26°)	10- 8 (28°) 10- 8 (28°) 11- 7 (25°) 11- 6 (27°) 10- 8 (26°)	11-7 (23°) 11-11 (24°) 11-29 (20°) 11-29 (22°) 11-7 (21°)	241 246 265 265 199	171 169 242 230 169	169 169 199 169 169
MATHEWS 1 SSW MONS MONTEBELLO 3 NE MONTEREY MOUNT WEATHER	98 96 97 93 98	7- 2+ 9- 1 7-30 9- 2+ 7-30+	6 4 4 11	12-18 12-18 12-18+ 12-18+	4-20 (24°) 4-21 (21°) 4-21 (24°) 3-11 (24°)	4-15 (27°) 4-21 (28°) 4-21 (21°) 4-22 (25°) 4-21 (28°)	4-22 (32°) 4-21 (28°) 4-23 (29°) 4-27 (32°) 4-22 (30°)	11-6 (21°) 10-7 (25°) 9-24 (32°) 11-5 (30°)	11-6 (21°) 10-7 (25°) 11-2 (28°) 11-6 (23°)	11- 6 (21°) 11- 6 (18°) 11- 2 (22°) 11- 6 (23°)	200 199 195 240	199 169 194 199	199 169 150 197
NEW CANTON NEWPORT NEWS NORFOLK WE AIRPORT NORFOLK ONLEY 1 S PARTLOW 3 WNW	101 101 97 97 97 106	8-31 7-18 7- 2+ 7- 1+ 7-18+ 8-31+	5 19 23 24 23 0	12-18 12-19+ 12-18+ 12-18 12-18+ 12-18	3-10 (20°) 3- 9 (22°) None None 2- 6 (24°) 4-15 (24°)	4-22 (25°) 3- 9 (22°) 2-18 (28°) 2-18 (28°) 3-10 (28°) 4-22 (25°)	4-22 (25°) 3- 9 (22°) 3- 9 (29°) 3- 9 (29°) 3-21 (31°) 4-22 (25°)	10-8 (27°) 11-7 (32°) 11-27 (32°) 12-17 (27°) 11-7 (32°) 10-8 (26°)	10-8 (27°) 12-17 (24°) 12-17 (25°) 12-17 (27°) 11-27 (27°) 10-8 (26°)	11- 7 (22°) 12-17 (24°) 12-18 (23°) 12-18 (24°) 12-18 (23°) 11- 9 (23°)	242 283 - - 315 208	169 283 302 302 262 169	169 243 263 283 231 169
PENNINGTON GAP 1 W PHILPOT DAM 2 PIEDMONT FIELD STATION POWHATAN 2 E PULASKI CAA AP	101 - 103 103 94	9- 3 8-30+ 8-31 7-31+	1 10 4 7	12-18 	4-17 (23°) 	4-22 (28°) - 4-20 (27°) 4-20 (28°) 4-20 (27°)	4-28 (31°) 	10-8 (32°) 10-31 (31°) 10-8 (29°) 10-8 (26°) 10-8 (26°)	10-31 (27°) 11- 7 (28°) 11- 6 (27°) 10- 8 (26°) 10- 8 (26°)	11- 7 (13°) 11-29 (20°) 11- 7 (20°) 11- 7 (19°) 11- 6 (24°)	204 - 242 241 241	192 - 200 171 171	163
QUANTICO 1 S RICHMOND WB AP RICHMOND CHIMBORAZO PK ROANOKE ROANOKE WB AIRPORT	101 103 104 102 101	8-31 7-30 8-31 7-30 7-31+	10 11 16 15 15	12-19 12-19 12-19 12-18+ 12-18+	3- 2 (24°) 3- 9 (24°) 2-18 (21°) 2-18 (21°) 2-18 (23°)	3-10 (27°) 3- 9 (24°) 3- 9 (25°) 3-10 (25°) 3-10 (26°)	4-22 (31°) 4-20 (32°) 3-10 (30°) 4-22 (30°) 4-22 (30°)	11- 6 (30°) 11- 6 (29°) 11- 6 (31°) 10- 8 (32°) 10- 8 (32°)	11-29 (25°) 11- 7 (27°) 11- 7 (28°) 11- 7 (27°) 11- 7 (28°)	12-17 (19°) 11-29 (22°) 12-17 (22°) 11-29 (20°) 11-29 (19°)	290 265 302 284 284	264 243 243 242 242	198 200 241 169 169
ROCKY KNOB ROCKYMOUNT SALTVILLE 1 N STAUNTON D AND B INST STUART	87 99 99 100 97	7-31+ 7-30+ 9- 3 7-31+ 8-30+	8 - 8 9 8	12- 5 - 12-18+ 12-18 12-24	4-20 (23°) 3-28 (24°) 3-10 (24°) 3-9 (17°) 3-9 (24°)	4-20 (23°) 3-28 (24°) 3-11 (26°) 3-10 (25°) 4-22 (27°)	4-21 (30°) 4- 1 (31°) 4-22 (31°) 4-22 (32°) 4-22 (27°)	11- 6 (24°) 	11- 6 (24°) 	11- 6 (24°) 	200 - 242 243 247	200 . 241 241 199	199 192 169 169
SUFFOLK LAKE KILBY SUSSEX TANGIER ISLAND TIMBERVILLE 2 N URBANNA	99 104 94 100 102	7-17+ 7-31 7-18+ 7-30+ 7-30	12 11 25 7 13	12-19 12-18 12-17+ 12-18 12-18	2-18 (20°) 3-10 (24°) None 3-31 (24°) 2-18 (23°)	3-9 (28°) 4-22 (26°) None 4-22 (26°) 3-10 (28°)	4-22 (32°) 4-22 (26°) 3- 2 (32°) 4-22 (26°) 4-20 (30°)	11- 6 (32°) 10- 8 (29°) 12-17 (25°) 10- 8 (26°) 11- 7 (28°)	11- 7 (28°) 11- 2 (27°) 12-17 (25°) 10- 8 (26°) 11- 7 (28°)	11-29 (24°) 11- 7 (20°) None 11-11 (21°) 12-17 (20°)	284 242 - 225 302	243 194 - 169 242	198 169 290 169 201
WALKERTON WARRENTON 5 NE WARSAW 2 N WASHINGTON WB NAT AP WATERFORD	104 102 104 100	8-31 9- 1 7-18 8-31+	9 10 12 17 13	12-18+ 12-18 12-18 12-18 12-18	3-10 (24°) 3- 9 (21°) 3- 9 (24°) 3- 2 (22°) 3-10 (24°)	3-11 (26°) 4-20 (27°) 3-11 (28°) 3-9 (25°) 3-10 (24°)	4-22 (29°) 4-21 (30°) 4-22 (31°) 3-11 (31°) 4- 3 (32°)	10- 8 (31°) 11- 6 (27°) 10- 8 (29°) 11- 6 (30°) 11- 6 (24°)	11- 7 (25°) 11- 6 (27°) 11- 7 (28°) 12- 3 (28°) 11- 6 (24°)	12-17 (19°) 12-16 (20°) 11-29 (24°) 12-17 (20°) 11- 6 (24°)	282 282 265 290 241	241 200 241 269 241	169 199 169 240 217

Table 3-Continued.

Station	hest	Date	,	ъ.	Las	t spring minimu	m.of	F	irst fall minimum	of		io, of days setween dates	
Station	High	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
WAYERLY HILLS WILLIAMSBURG WINCHESTER 2 SSW WOODSTOCK WYTHEVILLE	102 100 103 105 93	8-31 7- 2 8-31+ 8-31 8-31	13	12-19 12-19 12-19 12-19 12-18	3- 9 (21°) 2-24 (24°) 3- 9 (21°) 3-10 (24°) 3- 9 (22°)	3- 9 (21°) 3-10 (28°) 4-15 (28°) 4-22 (28°) 4-22 (27°)	4-20 (30°) 4-22 (32°) 4-20 (30°) 4-22 (28°) 4-22 (27°)	11- 6 (27°) 11- 7 (32°) 10- 8 (32°) 10- 8 (28°) 10- 8 (27°)		12-17 (19°) 11-29 (24°) 11-11 (24°) 11- 7 (24°) 11- 7 (20°)	283 278 247 241 242	242 243 205 169 169	200 199 171 169 169

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
CHARLOTTESVILLE 1 W	EVAP	_	-	-	5.21	B6.49	B6.87	B8.41	6.99	5.61	4.32	-	_	_
	DEP.	-	-	-	_	l –	-	_	-	_ `	-	-	_	_
	WIND	_	_	l –	1988	1309	1079	979	1000	923	889	846	_	
	MAX	_	_	-	69.5	86.3	91.6	94.4	90.4	85.7	_	-	_	-
	MIN	-	-	-	46.4	63.2	67.0	70.0	68.2	60.0	51.4	i - i	-	-
HOLLAND 1 E	EVAP	_	_	l <u>-</u>	_	l <u>-</u>	6.99	8.03	B6.25	B5.65	3.83	B2.18	_	_
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DEP.	_	_	l -	_		-	_	_	-	_	_	_	-
	WIND	-	-	-	-	-	1004	1181	982	1022	1074	B1116	-	-
JOHN H. KERR DAM	EVAP	_	-	_	_	_	_	-	_	_	_	B2.16	B1.70	_
	DEP.	_	_	l -	-	_		-	l -	-	-		-	-
	WIND	-	-	-	-	-	-	-		-	-	1365	1963	-
PHILPOT DAM 2	EVAP	_	_	_	_	١ ـ	_	l -	_	_	3.79	B2,42	_	-
	DEP.	-	-	-	-	-	_	_	-	-	_	-	_	-
	WIND	-		-	-	l -	-	_	_	-	1107	1160	1415	-

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

† CHANGES IN STATION NAMES

NEW NAME	OLD NAME	DATE
HILLSVILLE 1 NW LYNCHBURG MADISON HEIGHTS NORFOLK RICHMOND CHIMBORAZO PARK SALTVILLE 1 N	HILLSVILLE LYNCHBURG 7TH ST BRIDGE NORFOLK WE CITY RICHMOND WE CITY SALTVILLE ALKALI WORKS	November 1953 June 1953 September 1953 July 1953 February 1953
WASHINGTON	WASHINGTON VIRGINIA	April 1953
	RELOCATIONS	
ALLISONIA BLACKSBURG 2 CATAWBA SANATORIUM CHERITON COPPER HILL	All equipment moved 0.2 mile NE All equipment moved 2500 feet S All equipment moved 300 feet SW All equipment moved 150 feet NW All equipment moved 0.6 mile NE	June 10, 1953 June 16, 1953 April 11, 1953 September 1, 1953 December 6, 1953
FIELDALE GRUNDY HILLSVILLE 1 NW JOHN H. KERR DAM LYNCHBURG MADISON HEIGHTS	Recording gage moved 100 feet S All equipment moved 1.6 mile NE All equipment moved 0.7 mile W All equipment moved 1.1 mile S All equipment moved 0.7 mile NNE	June 29, 1953 April 27, 1953 November 24, 1953 October 9, 1953 June 4, 1953
PENNINGTON GAP 1 W WALKERTON WASHINGTON	All equipment moved 110 feet W All equipment moved 0.2 mile NW All equipment moved 500 feet W	December 8, 1953 December 15, 1953 April 16, 1953

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in "P; 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. Figures and letters following the station name, such as 12 SSW, indicate 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 date (dates) or months.

 Abount included in following measurement.

 Adjusted to full month.

 Data for recorder stations denoted by "C" are processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the Annual issue of Bourly Precipitation Data.

 Amount is wholly or peritaily estimated.

 Amount is wholly or peritaily estimated.

 Length of record for recorder-only stations may be found in the Annual issue of Bourly Precipitation Data.

 Amount is wholly or peritaily estimated.

 Length of record are missing; see monthly Climatological Data for detailed daily record.

 Beta from recording goal to resource goal to record available; if average value is entered, less than 10 days of record are missing; see monthly Climatological Data for detailed daily record.

 Trace, an amount too goal to resource goal to record are missing; see monthly Climatological Data for detailed daily record.

Subscription Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Yearly subscription includes the Annual Sugmary.) Checks and money orders should be made payable to the Superintendent of Documents. Resistances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. O.

			, ,,								_				_								1955
Station	Index No.	County	Drainage ‡ Latitude	Longitude	Elevation		Precip cord	or cl	Month closed Ar.	Refer to tables		Station	Index No.	County .	Drainage ‡	Lattude	Longitude	Elevation		Precip.	20	osed gyr.	Refer to tables
ABINGDON AFTON BOXHOOD GARDENS ALEXANDRIA POTOMAC YARDS ALLISONIA ALTAVISTA	0055 0097 0135	MASHINGTON NELSON PULASKI CAMPBELL	8 36 42 9 38 02 13 38 49 11 36 56 15 37 06	82 00 78 50 77 03 80 45 79 18	2000 1250 20 1870 503	16	12 23 16 2 8			2 C 2 1 2 3 2 C		JONESVILLE 2 SSE	4414 4448 4452	TAZEWELL MECKLENBURG LEE ALLEGHANY ROCKBRIDGE	15	57 11 56 96 56 40 57 41 57 51	81 47 78 17 83 06 80 05 79 31	1840	3	19 3 7			2 2 3 4 C 2 C
AMISSVILLE APPOMATTOX ASHLAND 1 SW BACK BAY WILDLIFE RFG BALCONY FALLS	0243 0927 0385	RAPPAHANNOCK APPOMATTOX HANOVER PRINCESS ANNE ROCKBRIDGE	14 38 41 9 37 21 9 37 45 2 36 40 9 37 38	78 01 78 50 77 29 75 55 79 27	550 825 220 5 725	41 1 6	10 15 41 1 22	DEC		2 2 1 2 3 1 2 3 1 2 5		LAFAYETTE 1 NE LANGLEY AIR FORCE BASE LAWRENCEVILLE LEE EXPERIMENTAL FOREST LEXINGTON	4720 4768 4802	MONTGOMERY ELIZABETH CTY BRUNSWICK BUCKINGHAM ROCKBRIDGE	10	37 14 37 04 36 46 37 32 37 47	80 13 76 22 77 51 78 33 79 26	1280 9 254 500 1060	68 8 12 75	3 117 8 12 82			2 1 2 3 1 2 3 1 2 3 1 2 3
BEDFORD BERRYVILLE BIG KNOB BIG MEADOMS BLACKSBURG 2	0670 0712 0720 0766	BEDFORD CLARKE SCOTT MADISON MONTGOMERY	15 37 21 16 39 09 8 36 40 14 38 31 11 37 14	79 31 77 59 82 30 78 26 80 25	975 580 3150 3535 2040	25 2 18 2	39 11 18 18 2			1 2 3 1 2 3 2 C 1 2 3 1 2 3	+	LOVES MILL LURAY LYNCHBURG MADISON HEIGHTS	5057 5096 5115	LOUDOUN LOUISA WASHINGTON PAGE AMHERST	17 8 16 9	39 07 38 01 36 45 38 40 37 25	77 43 78 00 81 41 78 23 79 08	2060 1120 690	52 38 12	59 38 19 12			1 2 3 1 2 3 2 1 2 3 2
BLACKSTONE CAA AIRPORT BLACKSTONE WATER WORKS BLAND BOMLING GREEN BREMO BLUFF	0778 0792 0937	NOTTOWAY NOTYOWAY BLAND CAROLINE FLUVANNA	12 37 04 12 37 05 11 37 06 17 38 C3 9 37 42	77 57 78 01 81 07 77 21 78 18	435 423 2000 225 225	B 4	8 4 13			1 2 3 C 1 2 3		LYNCHBURG WB AIRPORT MANASSAS MARION MARSHALL MARTINSVILLE FILTER PLANT	5213 5266 5289	CAMPBELL PR WILLIAM SMYTH FAUGUIER HENRY	13 8 14	37 20 38 45 36 51 36 52 36 42	79 12 77 26 61 31 77 53 79 53	947 312 2200 575 760	82 6 16	82 37 47 8 23			1 2 3 C 1 2 3 2 2 1 2 3
BRISTOL BRISTOL TVA BROOKNEAL BUCHANAN BUCKINGHAM 1 E	1047 1082 1121 1136	WASHINGTON WASHINGTON CAMPBELL BOTETOURT BUCKINGHAM	8 36 36 8 36 37 15 37 03 9 37 32 9 37 33	82 10 82 10 78 57 79 41 78 32	1998 1920 500 875 500	35	20 5 4 52 18			1 2 3		MATHEWS 1 SSW MC GAMEYSVILLE 3 5 MEADOMS OF DAN 5 SW MENDOTA MONS	5423 5453 5501	MATHEWS ROCKINGHAM PATRICK WASHINGTON BEDFORD	16 7 8	37 25 38 21 36 40 36 42 37 27	76 20 78 44 80 27 82 18 79 37	1500	8	4 46 8			1 2 5 2 2 1 2 3
BUENA VISTA BURKES GARDEN BYLLESBY CAPE HENRY WB CITY CAPRON	1209 1255 1362	ROCKBRIDGE TAZEWELL CARROLL PRINCESS ANNE SOUTHAMPTON	12 36 44	79 21 81 20 80 55 76 00 77 15	835 3250 2075 16 50	56 79 13	16 58 10 79 13			1 2 3 2 1 2 3 C 1 2 3 C		MONTEBELLO 5: NE MONTEBELLO FISH NURSERY MONTEREY MOORES CREEK DAM MOUNT WEATHER	5690 5698 5729	NELSON NELSON HIGHLAND ROCKBRIDGE LOUDOUN	13 9	37 53 37 51 38 25 37 45 39 04	79 06 79 07 79 36 79 38 77 53	2450 2700 2950 1780 1725	12 49	28 18 50			1 2 3 1 2 3 1 2 3 C
CATAWBA SANATORIUM CHANTILLY CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W	1570 1585 1593 1598	ROANOX E FAIRFAX CHARLOTTE ALBEMARLE ALBEMARLE	9 37 23 13 38 53 15 37 03 9 38 02 9 38 02	80 05 77 26 78 38 78 31 78 31	1890 320 560 870 540	42 6 7 10 3	42 6 7 77 -			1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 1 2 3 4 C		NEW CASTLE - NEWPORT NEWPORT NEWS	5004 6012 6046 6054	ROCKBRIDGE BUCKINGHAM CRAIG GILES	9 9 11 9	97 35 97 42 97 30 97 19 36 59	80 31 76 26	25	58 32	11 60 16 8 32			1 2 3 2 2 1 2 3
CHASE CITY CHATHAM 2 NE CHATHAM SCS CHERITON CHILHOWIE 1 S	1614 1619 1636	MECKLENBURG PITTSYLVANIA PITTSYLVANIA NORTHAMPTON SMYTH	15 36 48 7 36 50 7 36 45 2 37 17 8 36 47	78 28 79 22 79 25 75 58 81 41	520 700 852 11 2000	30 17 2	26 2			1 2 3 1 2 5 1 2 3 1 2 3	*	NORFOLK WB AIRPORT POORFOLK NORTH BRISTOL SUBSTATION NORTH RIVER DAM OLINGER	6144 6169 6199 6345		5 8 16	36 53 36 52 36 37 38 21 36 49	76 12 76 17 82 11 79 16 82 52	26 11 1740 1918 1400	8 83	8 83 6 23 19			1 2 3 1 2 3 2 2 2
CHINCOTEAGUE CHURCHVILLE CLARENDON LYON PARK CLARKSVILLE CLEVELAND	1708 1729	ACCOMAC AUGUSTA ARLINGTON MECKLENBURG RUSSELL	2 37 56 16 38 14 13 38 54 15 36 38 6 36 57	75 26 79 10 77 05 78 33 82 09	36 1475 225 325 1540	34	26 62 20			C C C		ONLEY 1 5 PARTION 3 WNW PEDLAR DAM PENNINGTON GAP 1 W PHILPOTT DAM	6533 6593 6626	ACCOMAC SPOTSYLVANIA AMHERST LEE HENRY	17 9 6	37 41 38 03 37 41 36 46 36 47	75 43 77 42 79 17 83 03 80 02	250 800 1366 831	36 2 22 6	36 2 19 22 6			1 2 3 1 2 3 2 1 2 3 1 2 3
CLIFTON FORGE CLINCHCO CLINCHPORT COLUMBIA CONCORD 5 S	1816	ALLEGHANY DICKENSON SCOTT GOOCHLAND CAMPBELL	9 37 49 3 37 10 6 36 40 9 37 46 15 37 17	79 50 82 19 82 45 78 09 78 58	1055 1525 1260 300 650	51	29 3 38 55 4			2 2 2 1 2 3 C	l	PHILPOTT DAM 2 PIEDMONT FIELD STATION PILOT POWHATAN 2 E · PULASKI	6712 6723 6906	HENRY DRANGE MONTGOMERY POWHATAN PULASKI	17 11 9 11	36 47 38 13 37 03 37 32 37 02	80 02 78 06 80 22 77 54 80 47	350	1 6 4	1 7 12 4 12	SEPT		1 2 3 4 C 1 2 3 2 1 2 3 2 C
COOTES STORE COPPER HILL COVINGTON CROZET 2 N CULPEPER	1999 2041 2138	ROCKINGHAM FLOYD ALLEGHANY ALBEMARLE CULPEPER	16 38 38 11 37 06 9 37 48 9 38 05 14 38 29	78 51 80 07 80 00 78 42 77 59	1070 2770 1245 750 475	11 44	11 13 16 11 46		•	2 2 2 1 2 3 1 2 3		PULASKI CAA AIRPORT QUANTICO 1 S RADFORD RANDOLPH RAPIDAN	5979 7004 7025	PULASKI PR WILLIAM PULASKI CHARLOTTE ORANGE	13 13 15	97 05 98 30 97 05 96 54 98 18	80 47 77 19 80 35 78 43 78 04	2189 12 1855 334 300	15 53	15 49 48 48			1 2 3 1 2 3 2 2 C 2
DAHLGREN PROVING GROUNDS DALE ENTERPRISE DAMASCUS DANTE DANVILLE	2208 2216 2237	KING GEORGE ROCKINGHAM WASHINGTON RUSSELL PITTSYLVANIA	13 38 20 16 38 27 8 36 38 6 36 59 7 36 36	77 02 78 56 81 48 82 18 79 23	18 1350 1950 1765 565	34 71 35 36	34 73 27 36 63			1 2 3 1 2 3 1 2 3 ¢ 1 2 3 ¢	- 1	RICHMOND WB AIRPORT RICHMOND CHIMBORAZO PARK RIVERTON ROANOKE ROANOKE WB AIRPORT	7206 7254 7275	HENRICO WARREN ROANOKE ROANOKE	9 16 15	37 30 37 32 38 57 37 16 37 19	77 20 77 25 78 11 79 56 79 58	162 500 907	16 73 46 19	16 82 23 59 21			1 2 3 C 1 2 3 C 2 1 2 3 1 2 3 C
DANVILLE CAA AIRPORT DARWIN DAVENPORT DEERFIELD 2 NE DELAPLANE	2264 2269 2315	PITTSYLVANIA DICKENSON BUCHANAN AUGUSTA FAUQUIER	7 36 34 3 37 05 3 37 07 9 38 13 13 36 55	79 20 82 30 82 06 79 22 77 55	577 1500 1600 1800 460	10	10 5 12 27			1 2 3 2 2 2		ROCKFISH ROCKY KNOB ROCKYHOUNT ROSE HILL SALTVILLE	7330 7338 7372	NELSON FLOYD FRANKLIN LEE SMYTH	11 15 6	37 48 36 51 37 00 36 40 36 53	78 46 80 22 79 54 83 22 81 46	1192 1475	12 60	16 12 60 20 32			2 1 2 3 1 2 3 2 2
DIAMOND SPRINGS DITCHLEY 1 S DRANESVILLE DRIVER 5 NE DUNBAR	2410 2491 2504	PRINCESS ANNE N'HUMBERLAND T FAIRFAX HANSEMOND WISE	5 36 54 2 37 44 13 38 59 2 36 52 6 36 58	76 12 76 20 77 21 76 30 82 45	25 8 375 17 2000	45	45 2 1 11 19	ост		1 2 3 1 2 3 2 2 2	-	SALTVILLE 1 N SEXTON SHELTER SLATE SNITHFIELD SOMERSET	7843 7864	SMYTH MADISON BUCHANAN ISLE OF WIGHT ORANGE	14 3 9	36 53 38 37 37 16 36 59 38 14	81 46 78 21 81 56 76 38 78 15	1550	35	37 12 12 5			1 2 3 C 2 2 2
DUNGANNON ELKMOOD 6 SE EMPORIA 1 WNW EPISCOPAL HIGH SCHOOL FAIRFAX	2729 2790 2809	SCOTT CULPEPER GREENVILLE FAIRFAX	6 36 50 14 38 27 10 36 41 13 38 49 13 38 51	82 26 77 46 77 33 77 06 77 18	2500 300 80 250 440		19 13 23 7 5			1 2 5 C 2 1 2 5 2	- 1	SPEEDWELL SPRING CREEK 2 STAFFORDSVILLE STAR TANNERY STATE FARM	8022	WYTHE TAZEWELL GILES FREDERICK GOOCHLAND	6 11 16	36 49 37 01 37 14 39 05 37 38	81 10 81 39 80 43 78 26 77 48	2340 1960 950		13 18 3			2 2 2 C 2
FALLS CHURCH FARMVILLE FIELDALE FLOYD FLOYD FLOYD 2	2941 2983 3071	FAIRFAX PRINCE EDWARD MENRY FLOYD FLOYD	19 38 53 1 37 18 7 36 43 11 36 55 11 36 55	80 19	2600		5 34 21 5			1 2 3 1 2 3 1 2 3 1 2 3	1	STAUNTON D AND B INSTITUTE STUART STUARTS DRAFT SUFFOLK LAKE KILBY SURRY 3 5	8172	PATRICK AUGUSTA NANSEMOND SURRY	7 16 2	38 09 36 38 38 00 36 44 37 05	76 36	1450	61 29 7	67 29 5 7		[]	1 2 3 1 2 3 2 1 2 3 2
FORT LEE FREDERICKSBURG FREDERICKSBURG EMBRY PLANT FRONT ROYAL 6 NNW GALAX 3 S	3192 3197 3231	SPOTSYLVANIA	1 37 14 14 38 18 14 38 16 16 39 00 11 36 38	77 20 77 28 77 28 78 14 80 56	60 100 20 677 2520	60 15	62 15 3		1	1 2 3 1 2 3 1 2 3 1 2 3	İ	SUSSEX SWORDS CREEK TANGERIER ISLAND TAZEWELL TIMBERVILLE 2 N	8282 8323 8354	SUSSEX RUSSELL ACCOMAC TAZEWELL ROCKINGHAM	5	36 55 37 02 37 50 37 07 38 40	77 17 81 55 76 00 81 31 78 46	98 1900 5 2450 1100	2	2 18 2 19 22			1 2 3 C 2 1 2 3 2 1 2 3
GLEN LYN GORDONSVILLE CAA AIRPORT GOSHEN GROSECLOSE GROVETON	3470	GILES LOUISA ROCKBRIDGE SMYTH FAIRFAX	11 37 22 17 36 04 9 37 59 8 36 52 13 38 46	80 52 78 10 79 30 81 20 77 06	1524 438 1300 2590 245	21 8	40 15 14 11 3			1 2 3 1 2 3 2 2 2 C		TROUT DALE TYE RIVER URBANNA VIENNA DUNN LORING WALKERTON	8642 8737	GRAYSON NELSON MIDDLESEX FAIRFAX KING & QUEEN	9 14 13	36 42 37 4D 37 38 38 54 37 44	81 26 78 57 76 34 77 13 77 01	3100 551 25 370 40	17 20	16 15 17 5 21			2 C 1 2 9 1 2 9
GRUNDY HALIFAX HAYSI HIGH KNOB HILLSVILLE 1 NW	3690 3863 3959	BUCHANAN HALIFAX DICKENSON WISE CARROLL	3 37 17 7 36 46 3 37 13 6 36 54 11 36 46	82 06 78 57 82 17 82 38 80 45	1050 425 1350 4150 2560	6	5 12 18 11			1 2 3 2 2 2 C	,	WARSAW 2 N	5637 5888 6894	WASHINGTON NORFOLK FAUGUIER RICHMOND RAPPAHANNOCK	13 14 14	36 39 36 37 38 45 37 59 38 43	82 08 76 26 77 44 76 46 78 10	1885 25 550 140 635	3	18 28 3 3			2 2 1 2 3 1 2 3
HOG ISLAND LITTLE MACHIPONGO HOLLAND 1 E HOLSTON HONAXER HONAXER HONAXER 3 NE	4044 4068 4078	NORTHAMPTON NANSEMOND WASHINGTON RUSSELL RUSSELL	2 37 28 4 36 41 8 36 50 6 37 01 6 37 03	75 41 76 47 82 05 81 59 82 02	5 80 3450 1950 2200	21	21 19 18 19	•		1 2 3 4 2 2 C 2 C	1	MASHINGTON WB NATIONAL AP WATERFORD WAYERLY HILLS WHITE GATE WILLIAMSBURG	893B 9060	LOUDOUN ARLINGTON GILES JAMES CITY	13	36 31 39 11 38 33 37 12 37 16	77 02 77 36 77 07 80 50 76 42	340	13 8 7	13 8 7 8			1 2 3 C 1 2 3 1 2 3 1 2 3 C
MOPEWEUL HOT SPRINGS MUDDLESTON HURLEY 1 E INDEPENDENCE	4128 4148 4185	PRINCE GEORGE BATH BEDFORD BUCHANAN GRAYSON	9 37 18 9 38 00 15 37 10 3 37 25 11 36 36	77 18 79 50 79 29 82 01 81 07	40 2195 985 990 2530	61 60	66 62 4	1		1 2 3 1 2 3 C 2 C 2		WILLIAMSVILLE WILLIS " WINCHESTER 2 SSW WOODSTOCK WOOLWINE 4 S	9169 9186 9263	BATH FLOYD FREDERICK SHENANDOAH PATRICK	11 13 16	38 12 36 51 39 09 38 53 36 43	79 34 80 29 78 11 78 31 80 17	750	48 55	13 1 47 61 3	MAL		2 1 2 3 1 2 3 2 C
INDEPENDENCE 2 INDIAN VALLEY	4234 4246	GRAYSON FLOYD	11 36 37 11 36 54	81 10 80 34	2600 2700		1	JAN		2 C		WYTHEVILLE	9301	WYTHE	11	36 58	81 06	2400	50	80			1236

¹⁻APPCMATTOX, 2-ATLANTIC, 3-BIG SANDY, 4-BLACKMATER, 5-CHESAPEAKE, 6-CLINCH, 7-DAN, 8-HOLSTON, 9-JAMES, 10-MEHERRIN, 11-NEW, 12-HOTTOMAY, 13-POTOMAC, 14-RAPPANANNOCK, 15-SHEKENDOMN, 17-YORK

See page 174 for reference notes and Changes in Station Names