U. S. DEPARTMENT OF COMMERCE CHARLES SAWYER, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

VIRGINIA

ANNUAL SUMMARY 1951 Volume LXI No. 13



VIRGINIA - 1951

S. S. Schworm, Section Director - Richmond

WEATHER SUMMARY

The mean temperature for the year, 56.2° , exceeded the normal by only 0.3° . The annual precipitation, 40.40 inches, was subnormal by 1.72 inches.

January was a month of frequent decided temperature changes with the warm spells more marked and of longer duration than the cold ones, causing the average temperature to exceed the normal by 2.0°. Precipitation amounted to only 54 percent of normal, and snowfall was unusually light. A glaze storm of considerable severity in the central and southwestern counties on the 30-31st hampered transportation, caused many schools to close, and was responsible for many minor injuries that occurred in numerous traffic accidents. An unusual amount of winter plowing was done.

February averaged above normal in temperature, but the period 2d-11th was the coldest 10 days of the year. Big Meadows reported the lowest temperature for the year, -7° on the 8th. Precipitation averaged .50 inch below normal, and snowfall was only one-third of the normal amount. A small tornado near the McLean Surrender House in Appomattox County on the 1st destroyed a barn and several other outbuildings. A line squall at Richmond on the same day blew out two store display window panes and interrupted service on 30 electric lines for three or four hours. Small grains suffered some damage during the severe cold spell. In the eastern commercial areas most of the potatoes were planted before the end of the month.

March was just slightly cooler and wetter than normal. Fruit buds were retarded so that blooms were certain to be later than average. Farming operations made good progress. A thundersquall caused some damage in Richmond on the 7th.

April was approximately normal in temperature and slightly wetter than usual. Fruits were slightly damaged by frosts or freezes on the 17th and 18th. Pastures were supplying good grazing by the end of the month. Moderate rises in the James River caused stages a fraction of a foot above the flood stage at State Farm on both the 2d and 4th. A man was killed by lightning during a thunderstorm at Arlington on the 26th, and two people were injured during a windstorm at Richmond on the same date.

May was the coolest for that month since 1946 and the driest since 1941. Crop growth was retarded by the cool weather. In the southern counties dry weather delayed tobacco transplanting. There were many hail, wind, and thunder storms. A man was killed by lightning near Big Stone Gap on the 6th, while at Danville on the 11th a boy was drowned when he too refuge in a culvert during a rainstorm. Hail or hail and wind storms in many central and eastern counties including the City of Richmond on the 3d and again on the 11th caused damage to property and crops totalling nearly half a million dollars. On the 11th a small tornado in the Shackleford section of King and Queen County destroyed several outbuildings, damaged a number of houses, and disrupted telephone service in three counties.

June was normal in temperature but quite wet, in fact the wettest since 1938. The highest temperature for the year, 105°, was reported at John H. Kerr Dam on the 3d. At Mons 5.04 inches of rain occurred in a 24 hour period on the 12-13th. Minor flooding occurred in the James River at and below Bremo Bluff on the 14-15th with little more than nuisance damage. The frequent showers promoted rapid growth of all crops, especially pastures. Small grain harvest made fair progress late in the month. Some hay was spoiled, but farmers made the most of the brief spells of fine weather to save the bulk of a large crop. There were many destructive wind and electric storms. The greatest damage was caused by a tornado in the western section of Richmond on the 13th. It lasted about 15 minutes and caused damage of about \$500,000 while travelling in a path about 350 yards wide and four miles long. Twelve persons were injured, none seriously. Six hundred families suffered damage. In Warwick County on the 27th tornadic winds destroyed two small buildings. A woman was killed and a child injured by lightning at Callends on the 28th.

July averaged slightly above normal in temperature. Rainfall varied widely but averaged only 82 percent of normal.

Heavy local rains caused flash floods in tributaries of the James River in Rockbridge and Botetourt Counties during the night of the 14-15th with much damage to secondary roads. On the 28th Little Calfpasture Creek flooded several homes along Route 42 in the Vicinity of Augusta Springs. There was no flooding in major streams. There were many local severe hail, wind, and electric storms during the last half of the month. An officer at A. P. Hill Military Reservation was killed by lightning on the 17th. On the same day at Hopewell Airport a hangar was damaged by wind and a plane was torn from its moorings and demolished. Two persons were injured during a wind and electric storm at Richmond on the 19th; at Byrd Field a plane on the ground was badly damaged and another was forced to make a crash landing in a hay field a few miles away. None of the 53 persons on board was hurt. Hail at Bristol on the 19th did considerable damage to crops, homes, a greenhouse, and nine planes at the Bristol Airport. Harvest of small grains and hay progressed favorably, and before the end of the month the harvest of flue cured to-bacco was well underway. Growing crops were mostly well cultivated.

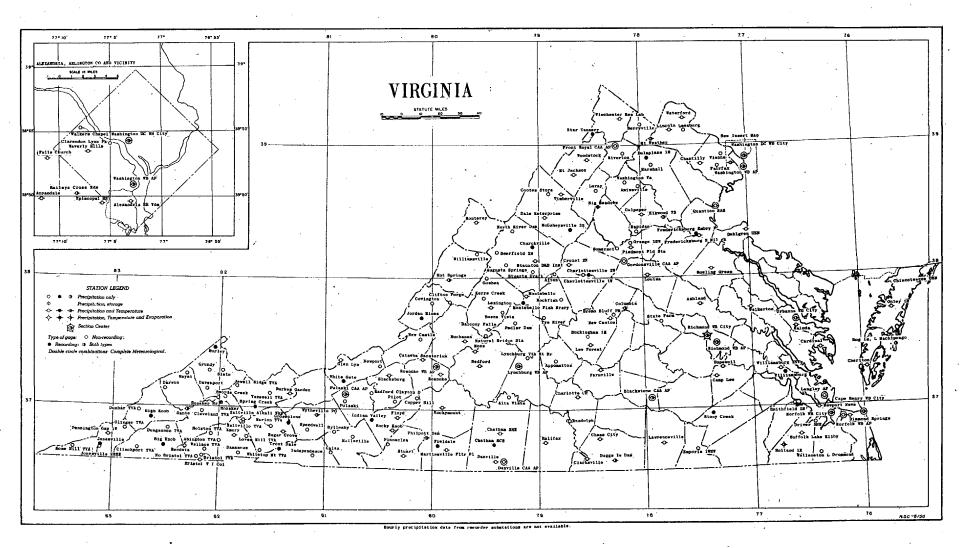
August was also a little warmer and somewhat drier than normal, with rainfall varying widely. Dry weather attained drought proportions in some northern counties with pastures so poor that dry feeding became necessary by the middle of the month. Pastures declined to the point where some dry feeding was necessary in all sections, except the southeastern counties. A fine crop of peaches was harvested. All types of tobacco were being harvested with only the fluctured type yielding less than average. Peanut and cotton prospects were unusually good. Severe electrical storms in Chesterfield County on the 4th, the Richmond-Sandston area on the 12th, and at Hickory on the 18th caused total damage of more than \$59,000. A small flash flood at Bishop in Tazewell County on the 6th washed a small church building from its foundation.

September was 0.1° below normal in temperature and 42 percent deficient in precipitation. Pastures continued to deteriorate, and dry feeding became extensive. It was an excellent month for harvesting operations of all kinds. No severe storms were reported.

October was somewhat warmer than normal with little more than half the normal rainfall. During a cool spell the 8-13th killing frosts were reported in most of the mountain counties, and light to killing frosts occurred in much of the Piedmont on the 29th and 30th. Pastures were fair in the extreme eastern and southeastern counties but very poor elsewhere. It was a favorable month for all harvesting operations. A tropical hurricane passed along the Virginia coast on the 4th causing gales and rather high tides, but no important damage was reported. There were several severe local wind and electrical storms. A sawmill employee at Warmister was killed by lightning on the 7th. A wind storm at Halifax on the same day injured one person and damaged several buildings.

November was the fourth coldest and fourth wettest of record. A small tornado did about \$4,500 damage to storage buildings at Yorktown Battlefield on the lst. Streams and wells were restored. The damp weather was excellent for preparing to-bacco for market but was unfavorable for curing and picking peanuts. All harvesting was completed. Killing frosts occurred in all interior sections by the 3d and in the Norfolk and lower Eastern Shore areas on the 19th.

December averaged 2.0° above the normal temperature and 45 percent more than the normal precipitation. Snowfall was slightly above normal. The James River exceeded flood stages at all points below Scottsville on the 21-22d. No damage was reported. Freezing rain, sleet, and snow in many sections of the State on the 18th and again on the 20th caused many schools to close, disrupted transportation, and made travel hazardous. Two persons were killed, and many minor injuries resulted from the numerous traffic accidents. A few power lines were pulled down. Peanut picking and soybean combining were completed under favorable conditions during the first half of the month. In the Norfolk area kale and collards were in good supply. - S.B.T.



	Janu	ary	Febr	uary	Ma	rch	Ap	ril	M	зу	Ju	ne	Ju	ly	Aug	ust	Septe	mber	Octo	ber	Nove	mber	Dece	nber	Anı	nual
Station	Тетр.	Departure	Temp.	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp.	Departure	Temp.	Departure	Тетр.	Departure	Тетр.	Departure	Тетр.	Departure	Тетр.	Departure	Тетр.	Departure
ALEXANDRIA POTOMAC YDS ANNANDALE ASHLAND BAILEYS CROSS ROADS BALCONY FALLS	40.3 37.58 37.9 37.4		39.8 37.3m - 37.3 38.0	- - - -,	47.3 43.8 44.2 44.9		57.1 53.8M 54.7M 54.0 54.2	- 1.0	65.6 62.8 - 63.1 63.6	- - -	75.3M 71.9M - 71.2 72.1		79.6 - 76.4 75.6	- - - -	77.6M - 74.3 74.7	-	70.8 68.0M 58.6 67.4	-	62.0 59.7 M 59.9 58.2	-	44.7 44.2M 42.5 41.0	:	42.2m 38.2m 39.5 37.3	-	58.5 - 55.8 55.4	-
BEDFORD BIG MEADOWS BLACKSBURG BLACKSTONE CAA AP BOWLING GREEN	39.0 32.8M 35.5 40.7 42.2	4,1 2,0	40.5 33.6M 37.6 41.5 41.6		45.7 35.6 43.3 46.7 47.6	.4	52.3M 47.4M 51.4 56.7 57.9		65.0M 57.1M 61.2 65.0 66.1	.5	73.1 63.9k 69.2 74.4 74.5	2 .0 1.1	75,4 67.8 72.2 77.9 78.4		74.7 65.4M 72.3 76.4 76.4	1 2.1	68.6 61.01 65.3 69.8 71.71	1.3	62.5 52.4 M 57.2 61.7 62.8	1.4	43.2 34.8M 39.2 44.7 46.1	- 4.3 - 4.4 - 3.6	39.7	3.2 2.6	56.7 48.7 53.5 58.1 59.1	.0 .9 1.1
BRISTOL BUCHANAN BURKES GARDEN CAPE HENRY WE CITY CAPRON	38.6 38.9 33.8 44.7	1.6 4.5	42.3 40.3 35.0 42.5 44.6	2.6 1.3	47.7 47.1M 40.8 46.9 49.9	2 .4 .3	55.0 55.7 47.0 56.7 59.4	- 1.1	63.8 65.0 55.3 64.7	- 1.8 - 5	72.0 73.2 64.4 73.3 75.3	.4	75.0 76.1 67.5 78.1 77.9	.3	74.8 75.0 66.1 77.6 76.4	. 7	68.2 68.8 58.8 72.8 70.8	9	60.6 60.4 50.5 65.7	. 3	41.9 42.7 34.0 50.4	- 2.9 - 3.8 - 6.2 - 1.7	34.6	1.0	56.7 56.9 49.0 60.1	2.1 .2 3 1.5
CATAWBA SANATORIUM CHANTILLY CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W	37.2 36.4 38.7 38.8	-	36.9 36.3 40.2M 38.7	1.3	42.9 46.4M	-	51.5 53.1 55.3M 56.1	-	62.0 61.2 65.0M 65.3	-	69.3 69.9M 72.8M 73.1	-	73.2 75.1M 76.6M 77.3 75.9	- - .6	72.2 72.4 75.7M 75.9 74.1	-	66.3 67.2 70.1 70.3	- .7	59.0 57.9 61.4M 61.9 61.2M	-	40.0 39.7 43.8M 43.2 43.6	- 5.7 - 4.8	37.7 36.7 39.3M 40.0 40.7	-	54.0 54.1 57.1 57.1	8 - .3
CLARKSVILLE COLUMBIA	38.7 45.2M 40.5 39.2	4.3	39.5 43.5M 40.9M 38.0	1.3	46.4 48.1 H 47.4 45.0	4 9	55.2 57.1 57.9 55,4	9 3 1.4 .1	66.3M 64.1	- 1.0 - 1.6 - 1.0	73.2 73.1 74.3M 74.9M 72.7M	.5	76.8 76.4 78.6M 78.5 77.2		76.5M 76.0 78.2M 74.9	.3 .9 .0	72.0 70.2 72.5M 69.1	.0.	61.9 64.11 60.4	3.9 1.3 3.1	43.0 52.4M 42.9	-	46.2M 39.5	3.7	57.1 60.6 56.6	8 8 3
CROSEI 2 CULPEPER DAHLGREN PROV GROUND DALE ENTERPRISE DANTE DANVILLE	39.9 39.3M 39.4 36.2	2.9	39.6 37.2 38.6 37.1 -	.9	46.4M 45.0M 45.3 42.9 46.6	3 .0 1.3	55.6M 55.1 55.7 51.7 54.5	3 .7	64.8 63.2M 64.0 61.2 63.8	9 .4 - 1.3 2.1	72.3 71.9M 72.7 69.4 73.5	4 6	76.4 76.6M 78.0 73.1 75.4	1.1 7 3.3	74.9 70.4m 75.4 70.7 75.5	- 3.5 .2 - 1.4 4.2	69.2 68.5 69.7 66.5 68.0 72.1	2 3 .8	62.2 59.8 M 61.3 59.4 61.2	3.4 4.0 5.3	42.3M 44.0 40.0 40.8	- 3.7 - 3.9 - 4.0	37.0 40.6	2.6	57.1 53.8	.1
DANVILLE CAA AP DIAMOND SPRINGS	40.1 46.6 38.3 38.5	2.9 3.2 1.1	41.7 44.5 37.3M 40.9	.8 ,2.0	47.8 48.9 44.34 45.4	- 1.4 4	57.1 58.9 53.74 52.4	1,1 - 1.9	66.1 66.9 62.7 60.7	.6 - 2.7 7	73.58 74.9 75.8 71.6 67.08	1.7 - 1.0 - 2.2	78.5	1.1	77.8 77.8 73.8	-	70.9 71.7 68.2k	9 .7	63.4 64.5 59.8 54.9M	1.9	44.8 44.5 51.0 41.5 37.2	- 1.5 - 5.0 - 7.3		3.2	59.3 58.6 61.1 55.5	4 .1 .1
FALLS CHURCH FARMVILLE FLOYD	37.3 39.8M 36.7 41.4	1.5 1.9	37.4 41.5 38.4 41.7	4.1	44.0 47.2 42.7 46.8	5 9 -	54.1 56.8 51.5 55.4	-	64.7M 64.4 61.0 63.4	- 1.8 - 1.0	73.0M 74.0 69.3 73.8	2 4	77.3	.5	74.9 76.1M 72.2 74.8	3 1.3	68.5M 69.2M 65.4 69.0	- 1.0 .3	59.7 60.8 58.3 60.7		44.0 42.1 44.6M 38.7 44.7	- 3.4 - 5.5	38.4 40.5 37.7 41.9	1.5 2.1	55.9 57.8 53.7 57.6	
FRONT ROYAL CAA AP GLEN LYN GLENNS 1 S GORDONSVILLE CAA AP HALIFAX	36.1 39.0 36.7 40.3	2.8	36.7 40.5 37.5	4.6	42.6 46.4 43.7 48.4	2.1	52.5 54.3 53.3	.1	61.2 63.0 61.7	- 1.0 -	70.5 71.5 72.0 75.0	-	74.9 74.3 78.7 75.8	-	72.1 74.2 77.1 73.6 77.0	. 8 - -	67.0 68.0 66.8 70.7	.6 - -	58.2 60.6 64.5 58.9	4.3	39.3 41.3 49.0 40.1	- 3.3 - 1.4	36.4	5.1	54.0 56.2 54.8 58.4	1.4
HOPEWELL HOT SPRINGS JOHN H. KERR DAM LANGLEY AIR FORCE BASE	42.8 44.9 33.8M 42.8	5.0 2.1 3.4	43.6 44.9 34.8 42.7	4.1 2.2	47.9 50.0 40.6M 49.3 47.8	- 1.1 0	58.1 59.4 48.7 58.8 57.7	1.9 - 1.1	65.5 66.3 59.9 67 0	- 1.4 .0	75.1 75.3 - 67.5M 75.8 74.5	.0 .8 -	78.5 79.7 70.3 79.2 79.5	.8 - 1.1	77.6 68.9 77.0	.3 .6 .7.0	70.8 71.5 62.0 70.5	3 7	61.6 63.9 54.7 62.0	4.0 2.5	47.3 48.0 37.0 45.2 48.9	- 3.4 - 1.6 - 4.4 - 1.5	45.7	3.9 3.1 1.4	60.5 51.1 59.3	1.4
LEE EXP FOREST LEXINGTON LINCOLN	43.5 38.8 38.5 36.6	4.1 3.2 4.0	43.7 39.4 39.8 37.8	3.9 3.8 2.1	48.9 47.2 45.7 43.8 46.1	1.6 1	58.3 53.8 55.0M 55.9	.7 1.8 2.2	64.9 63.5 64.6 64.4	.7 .3	75.1 74.9 71.3 72.4 72.5	.6 .3	77.0	1 .4	77.3 77.4 73.6 75.4 75.1	.6 .7	70.5 68.1 67.4 69.0	1.3 - 1.3	63.1 60.9 60.5 53.5 60.5	5.6 - 3.8 5.0	46.3 42.4 42.6 40.2 43.5	- 1.2 - 5.5 - 2.2	38.2 40.4	3.2 3.1 3.0	59.4 55.9 55.2 57.0	1.3
LYNCHBURG WB AIRPORT MANASSAS MARTINSVILLE FILT PL HATHEWS 1 SSW	37.1 37.8 38.0 38.3 43.0	2.5 .0	38.7M 39.3 38.1 39.4	1.0	46.5	- 1.7	54.7 55.3 54.1 54.8 56.0	3 -	63.4M 64.4 62.9 63.3 64.0	- 1.5	70.6 72.9 71.4 72.6		77.7	8	72.7 M 75.5 73.6 75.2 75.9	1.2 5	67.4 68.9 68.3 68.3	1.0 8	60.2M 60.7 59.8 59.6 63.0	3.5	41.1M 42.0 42.1 42.4 47.5	- 3.2 - 5.3	38.6 39.1 43.4	1.9	55.3 56.5 55.6 56.3 58.6	- 1.4
MONS MONTEBELLO MONTEBELLO MONTPELIER MOUNT JACKSON	34.3M 30.9	-	35.9M 36.5 32.6 36.3	-	41.0M 38.8 37.9	-	51.5 48.9 46.3 - 52.2	-	60.7M 59.5 57.2 - 61.2	-	68.3 67.5 64.4 69.7	-	71.0M 70.1 67.2 - 74.2	=	69.7 68.6 66.2 71.5	:	61.5M 62.2	-	56.0M 55.7	-	37.6M 38.1 38.3	-	35.2M 37.7	-	-	-
NEW CANTON NEWPORT NEWS NORFOLK WB AIRPORT NORFOLK WB CITY	30.1 40.1 45.4 44.2	2.9 6.0 4.9	29.8 39.5 44.6 43.4	2.7 2.0	37.2 45.9 48.5 47.6	.6	55.6 59.6 57.1 58.8	3.0 2.0	63.4 68.0 64.6 66.6	- 1.3	73.9	1.2	72.5 75.7 80.5 78.1	.9	78.8 76.9 78.3	1.1	73.2 71.3 73.2	1.8	63.8 63.9 65.3	4.0 2.8	36.1 43.4 51.3 49.1	- 3.5 2 - 1.7		1.9 4.8 5.1	50.2 56.3 61.5 59.7	2.3
PHILPOTT DAM	43.0 37.1 38.8	.8	41.1 38.5 39.9		45.4 44.4 45.8 46.0	1	55.7 51.5 55.5		63.6 62.0 65.8M 64.9	- 1.3	72.4 69.7 72.9	- 1.4 - 1.4 -	77.6 73.0 76.8M	7	75.5 73.2 76.1 M 75.3	2	70.3 66.1 69.2	- 2.1	63.2 57.8 61.8	3.9	48.4 39.2M 43.5M	- 1.3 - 5.6 -		.9 - -	58.4. 54.2 57.1	1.0 8
PULLASKI CAA AP QUANTICO 1 S RICHMOND WB AP RICHMOND WB CITY ROANOKE	35.6 38.4 40.9 41.4 39.1	2.8 5.2 3.5	36.3 38.6 41.3 42.4 40.3	2.7 2.8	42.3 44.5 46.8 47.3 46.3 45.4	4 .7	56.9 55.0	.7	59.6 63.8 64.6	2 7 - 1.2	74.4 72.1	.8	71.3 77.8 78.6 78.8 75.6	.8	70.2 75.6 76.0 76.4 74.8	1.0 .1	63.3 69.5 70.0 70.5 67.7	.7 1.0	55.8 60.8 61.6 62.4	3.4 3.4 2.8	37.2 42.6 44.7 45.5 42.0	- 3.2 - 1.4 - 2.8	36.6 39.2	2.7 4.2 3.3	52.2 56.6 58.1 58.7 56.4	1.6
ROANORE WB AIRPORT ROCKY ENOB ROCKYMONT SALTVILLE ALKALI WORKS STAUNTON D AND B INST	38.5 36.3M 39.7M 36.6 37.0	2.0 1.4 1.3	39.8 37.1 37.6 40.3	- 1.1 2.7 1.2	44.9 42.9	.5	54.5 53.9 52.7 53.3	- 1.7 - 1.5 - 1.1	64.3 63.0M	8 - 1.9 - 6 - 1.0	72.9 71.6 72.5 70.9	1.0 6 2.0	76.0 70.9 M 75.8 75.1 74.8	.3 - .7 1.4	75.7 70.6 74.3 74.2 69.2	.5	68.1 63.9% 65.6 68.0 67.1	3 - 3.1 1 3	56.6 61.1 59.5 59.2	4.1 3.6	41.2 38.1 40.3 40.5	- 5.8	38.4 38.2 43.6M 39.4 38.0	- 1.5 4.9 2.3	56.2 55.5 54.4	- 1
STUART SUFFOLE LAKE KILBY SUGAR GROVE TIMBERVILLE 2 N URBANNA	40.2 42.2 34.3 35.5 42.4	.6 - -	42.3 42.2 35.4 36.5 41.5	1.0	47.8M 46.8 41.0 42.4 47.0	.7	55.5 55.8 48.3 51.6 55.4	5 - -	63.7 64.5 56.9 60.9 65.0	- 1.6	71.5 74.7 65.7 69.7 74.2	- 1.2	74.2M 78.7 68.4 73.3 78.2	- 1.7	73.9 77.3 68.1 71.3 76.7	6 - - .3	68.5 70.9 - 66.7 72.1	- 1.3	61.6M 62.4 - 58.2 62.7	3.6		- 4.2	40.9% 43.8 36.4 44.4	2 - -	58.8 53.5 58.8	-
WALKERTON WARRENTON 5 NE WARSAW 2 N WASHINGTON WB CITY DC	41.6 42.0 39.8 39.3	4.0 5.1 6.4	42.4 42.0 38.9 38.6	4.3 5.2 3.6	47.7 42.4 46.4 45.5 45.6	.5	57.5 52.5M 55.9 56.1 55.9	1.5	65.2 62.9 63.7 65.2 64.9	- 1.3 - 1.0	74.2 71.3 73.6 73.6 73.4	.9	77.6 75.8 77.6 79.2 78.7	.5 .9 2.4	75.8 74.1%	.1 .6 2.0	69.7 69.2M 70.5 70.6 70.3	1.6 2.5	61.5 60.1M 61.4 61.7 62.1	2.8 3.2 4.3	45.4 41.7 45.4 43.6 44.1	- 2.8 - 1.7	41.5H 38.1 42.4	3.2 4.5 4.1	58.4 58.1 57.6 57.6	1.0 1.0 2.0 2.0
WATERFORD WAVERLY HILLS WILLIAMSBURG WINCHESTER RESEARCH LA WOODSTOCK	33.1 38.6	3.2	32.2 38.2 - 37.2 37.7	2.6	40.1 44.9 43.7 44.4	- - - .6	51.4 55.2 - 53.7 53.9	1.0	60.2 64.6 64.91 63.1	7	68.3 72.7 73.8 71.2 70.9	- 1.1 .5	73.7M 77.5 77.4 75.5 75.2	- - 9	71.7M 75.3 75.6 73.5 72.4	8 7	65.5 69.4 69.9 68.9 68.1	8	56.71 61.1 61.2 59.8 59.4	.9 3.3 3.3	38.9 43.0 - 40.5 41.1	=	34.5 40.2 42.4	1.2 1.9 2.0	52.2 56.7 - 55.0 55.0	-
SECTION AVERAGE	35.6	2.6	38.1	3.0	43.7	1.4	50.4	- 1.6	59.3	- 2.1	67.8	9	70.6	- 2.0	70.5 74.3	.0	62.6 68.4	- 1.0	54.8 60.1	1.2	37.4 42.6	- 5.6		2.4	52.4 56.2	- :

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

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Station	lanı		Febr	0	Mar	· e	Ap	ure	M	9	Ju		Ju	A P	Aug		Septe	923	Octo	ober e	Nove	n Der	Decer			9 .
	Precip	Departure	Ртесір	Departu	Precip	Departu	Precip	Depart	Precip	Departu	Precip	Departure	Precip	Depart	Precip	Departure	Precip	Departu	Precip	Depar	Precip	Depart	Precip	Departure	Precip	Departu
BINGDON FTON BOXWOOD GARDE LEXANDRIA POTOMAC S LTAVISTA BISSVILLE	3.34 1.95 2.05 1.06 1.28	-1.48 -	2.63 2.58 2.57 3.63	11111	4.42 3.77 2.42 3.56 4.09	.47	3.99 3.52 4.61 3.99	7 1 1 1 1	5.06 2.08 2.88 1.87 2.04	-1.77	4.07 7.69 5.52 4.78 8.33	4.28	5.28 4.13 4.35 2.87	2.34	1.93 2.43 1.54 4.70 1.79	-2.68 - -	2.65 .06 1.42 .34 .46	-3.82	1.25 .59 1.44 1.57 1.01	-3.55 - - -	3.80 5,13 5.08 4.65 4.35	2.34	4.03 4.75 5.21 5.19 4.49	1.67	42.45 37.79 39.25 38.33	-
NANDALE PPOMATTOX BHLAND UGUSTA SPRINGS 2 S ALLEYS CROSS ROADS	2.30 .86 E1.42 1.84 2.35	-1.61 -	2.66 2.69 2.55 2.56 2.82	- 32	3.70 3.57 3.29 - 3.32	20	4.50 4.28 4.26 5.07 4.34	- .69	2.88 2.53 2.73 3.12 2.90	-1.12	7.73 3.48 5.54 7.11	-	5.41 5.26 2.17	-	1,85 2,18	-	1.78		1.88 1.00 2.60	- 47 -	5.95 6.01 - 6.09	-	4.73 4.67 - 4.81		37.47 - 41.62	-
ALCONY FALLS EDFORD ERRYVILLE IG KNOB IG MEADOWS	1.60 1.71 2.34 3.82 2.62	-2.22 -1.46 10 94	2.80 2.90 2.53 3.35 3.35	.13 39 30 .56	5.14 4.33 - 4.74 6.09	1.59 .52 - 1.00 2.58	4.56 3.40 3.86 5.03	1.19 - 1.00 1.07	1.89 2.25 2.72 3.48 1.99	-1.73 -1.62 .81 -2.16	4.35 10.36 5.10 *	.59 6.08 - 1.71	1.61 5.42 2.19 V5.04 3.96	-2.52 1.20 -2.29 -1.51	1.60 3.22 3.50 3.15 4.21	-3.08 -1.73 19 -1.09	.99 1.68 2.64 1.62 1.78	-2.50 -1.65 - -1.04 -2.97	.95 2.28 .74 1.54 1.19	-2.47 84 67 -3.68	3.98 4.51 4.33 4.75 5.23	1.06 1.83 2.24 1.37	6.63 5.61 3.07 4.61 5.00	3.40 2.40 - 1.56 1.73	36.10 39.96 46.41	- 6. - 2.6 - 3.
ACKSBURG ACKSTONE CAA AP AND WLING GREEN KEMO BLUFF	.89 1.36 - 1.12 1.35	-2.40 - - - -	2.03 2.09 2.70	1 -	5.02 3.10 3.66 2.45	1.34	5.26 3.11 3.44 4.03	2.07	2.15 1.19 2.35 2.38	-1,53 - - - -	5.06 5.32 5.31 7.19	.48	4.15 5.79 5.33 3.75	-1.05 - - -	2.18 1.34 4.05 2.94	-1.92 - - -	2.73 3.98 2.58 2.21	48 - - - -	.84 2.07 .48 1.65 1.71	-2.36 - - -	3.64 4.23 3.05 5.49 4.97	1.33	3.60 4.41 2.85 4.18	.16	37.93 41.25	-
RISTOL RISTOL TVA ROOKNEAL JCHANAN JCKINGHAM 1 E	3.13 3.42 .95 1.80 1.60	.20 - -1.85	2.85 3.11 1.26 3.32 2.67	63 - .60	4.77 4.79 2.97 5.44 3.01	.55 - 2.02	3.87 4.56 3.90 3.76 4.90	.91 - - .56	6.13 6.39 1.63 2.92 1.27	2.72 - 54	3,90 3,68 3,45 5,91 5,24	1.57	5.25 3.93 2.74 5.71 3.64	1.35	4,02 3.14 3.03 3.16 1.95	.22 - -1.65	2.22 2.23 2.29 1.56 2.11	46 - -1.59	2.56 1.58 2.05 1.11 1.98	.44 - -2.60	4.26 4.21 4.96 3.46 4.74	1.52	4.28 4.78 3.26 4.69 4.95	.77 - 1.48	47.24 45.82 32.49 42.84 38.06	6.
JENA VISTA JEKES GARDEN FLLESBY APE HENRY WB CITY R APRON	2.45 1.36 1.38	-1.23 -1.77	2.62 3.00 2.26 2.15	- 96 - 97 -1.08	3.28 5.49 4.62 3.27 2.95	.74 .86 60 54	3.89 3.85 4.46 2.02 2.90	1.44 .25 -1.28 04	1.50 2.77 2.40 2.67	-2.14 -1.36 - 90	6.06 5.23 4.25 6.29 5.14	2.87 .53 - 2.33 1.23	3.80 4.84 4.43 2.38 2.54	42 .22 -2.99 -3.79	2.50 5.43 3.92 7.58 3.45	-2.10 1.01 - 2.72 -2.40	1.17 3.34 2.39 1.34 3.20	-2.09 .01 -1.52 41	.55 1.54 .87 2.05 2.25	-2.45 -1.41 - 96 84	3.78 2.86 5.55 6.10	1.34 - 3.19 3.50	3.46 3.79 2.99	06 45	38.35 39.78	- 3
ATAWBA SANATORIUM HANTILLY HARLOTTE COURT HOU HARLOTTESVILLE 2 W HARLOTTESVILLE 1 W	1.24 1.89 1.46 1.64 1.66	-1.70 - -1.71	2.41 2.62 1.88 3.40 3.19	38 - - .60	3.41 3.92 2.69 4.62	08 - - 1.15	4.89 4.62 3.99 4.84	1.85 - 1.32	2.64 3.09 2.03 2.09	83 - -1.87	6.04 6.08 7.19	1.29	3.81 3.81 3.91 3.82	-1.30 - - 42	1.66 .38 5.30 2.26 2.19	-3.09 - -2.86	2.39 1.17 .77 1.55 1.12	-1.07 - -1.67	1.24 1.97 1.63 1.55	-3.45	3.27 4.35 4.80 4.92 4.68	.85 - 2.46	4.44 4.12 4.23 5.44 5.65	1,42 - 1,98	35.72 39.01 43.49	
HASE CITY HATHAM 2 NR HATHAM SCS R HERITON HINCOTEAGUE R	1.24 1.32 1.19	-2.24 - -	2.43 - 1.43	75 - - -	3.64 3.49 2.24	11 09	4.52 5.08 2.13	1.17	1.99 1.52 1.78	-1.81 -1.29	5.34 5.08 7.66 3.64	1.57	2.83 3.65 2.58 5!95	58 .89	5.24 1.74 2.22 3.23 1.90	-2.41 -1.26	1.40 1.00 .85 1.33 2.42	-2.42 -3.10	1.24	-1.68 -1.07	3.93 5.28	1.40 2.40	5.11 3.03	1.64 .19	35.83 	- 6
NURCHYILLE R ARENDON LYON PARK ARKSYILLE EVELAND IFTON FORGE	2.53 1.94 1.62 2.62 1.85	-1.36 -1.67 -1.19	2.74 2.95 3.48 3.95 3.13	.39 .11 - .13	3.67 3.11 3.53 4.76 5.13	,11 - ,13 - ,136	3,51 4.08 3.99 3.65 4.75	.72 .59 -	1.67 2.55 4.55 2.57	-1.22 -1.01	4.82 7.55 6.34 6.80 9.42	3.88 2.11 6.07	5.51 2.71 4.75 2.84 4.58	-1.22 .55 .74	2.12 3.27 - 2.32 .98	-1.40 - -3.02	1.42 1.76 4.25 2.97	-1.98 - - .21	1.77 1.37 .88	-1.93	5.67 - 4.78 4.07	2.81 - 1.31	4.81 5.17	2.09	42.17 47.06	
INCHCO INCHPORT LUMBIA NCORD 5 S OTES STORE	3.43 1.34 .98 1.83	-1.01 -2.01	5,24 2,50 2,66	1,21 -,24	5.40 3.41 3.20	18 18	4.62 3.55 4.22 2.39	.78 .08	3.67 2.99	~ .40 -	2.93 * 6.30 3.61	-1.63 -	3.73 V9.38 4.62	-1.24 - - -	2.55 3.35 1.95	-2.12 -1.18	4.17 2.71 .73 1.21	- . 82 26	2.00 1.85 1.61 1.37	89 -1.68 -	5.70 6.12 5.62 5.60	3.20 3.29	6.51 4.12 5.10	1.89 .97	50.22 39.72	1
OPPER HILL OVINGTON ROZET 2 N RLPEPER MILGREY PROV GROUN	1.48 2.15 1.39	-1'.05 -1.46	2.54 2.87 3.13 2.03	.71 - - 46	4.22 4.74 4.35	2,20 - -1.49	5.00 3.53 4.22 3.91	1.41	2.09 2.63 2.01 1.57 .92	71 -2.45 -2.21	9.28 7.43 5.28 8.75 3.69	4.09 3.78 18	4.98 4.80 3.89 2.51	1.08 - -1.73	.95 1.00 2.88 2.67	-2.43 -2.13	1.78 2.50 1.63 .60 1.18	-12 -2.64 -1.51	1.15 .82 .72 1.14 2.41	-1.45 -2.02 .02	4.07 3.37 4.82 5.06 4.46	1.13 2.57 2.51	E4.80 4.22 5.44 5.44 4.28	2.32 2.32 1.19	39,39 40.52	7
LE ENTERPRISE LMASCUS ANTE ANVILLE ANVILLE CAA AP	2.04 2.70 1.53 1.58	- , 60 - , 67 -1, 84	2.54 2.94 2.16 2:15	.31 72 -1.03	3.62 4.32 4.39 3.55 3.08	.71 .40 08 17	2.88 4.31 3.66 4.73 4.47	.06 .96 .12 1.35	2.00 4.98 6.65 3.49 1.98	-1,52 ,66 2,23 - ,09	6.96 4.99 4.95 8.32 8.04	2.17 .92 .23 4.28	3.92 4.47 5.13 3.45 3.72	51 -1.25 77 74	3.04 3.49 1.89 1.98 1.06	-1.14 97 -2.94 -2.46	.68 2.39 4.41 1.59 1.17	-1.68 93 1.09 -1.52	.57 1.30 1.97 1.66 1.60	-2.13 -1.07 98 -1.26	3.19 4.63 4.41 3.59 2.84	1.23 2.21 1.55 1.36	3.96 4.93 5.56 4.99 4.10	1.37 1.98 1.97 1.41	35.40 45.45 41.04 35.79	- 1 1
ARMIN AVENPORT SERFIELD 2 NE SLAPLANE B AMOND SPRINGS	2.55 - 1.65	-1.89	2.71	-1.77	2.52 4.14 3.24	- - 38	3.84 2.61 - 2.60	- - - 67	3.19 2.16 - 3.16	- - - 99	5.36 1.71 7.11 4.32	3.54 79	4.22 2.32 4.77 4.50	- 07 -1.04	2.34 1.94 5.21	1.33	5.59 1.89 1.85 .56 1.01	89	1.38 2.33 .57 3.67	-2.24 .73	5.68 4.57 6.85	4.49	2.75	-1.40	-	
RIVER 5 NE UNBAR UNGANNON LEWOOD 7 S MORY	1,30 4,43 3,88 1,74 2,03	- - 81 -1 . 51	5.29 3.60 - 2.41	90	3,11 5,35 4,25 3,81 4,26	- - .76 .14	4.41 3.47 3.44 3.61	.97		-2.26 3.45	4,56 5,73 2,48 5,92	2.16	4.56 5.82 4.85 2.88	-2.68	8.36 3.59 1.42 3.30	93	1,32 5,47 4,52 .96	-2.77		-1.90 -1.35	6.69 6.47 4.68 3.56	1.30	2.56 6.50 5.64	-	61 .11 44 .48	
MPORIA 1 WNW PISCOPAL HIGH SCHO AIRFAX ALLS CHURCH ARMYILLE	1.08 2.00 1.21 2.22 2.04	-2.37 - 80	1,69 2,90 2,51 2,81 2,57	-1,71 - - -,18	3.40 3.43 3.57 3.70	18 - - 36	3,03 3,89 3,70 3,81 4,25	1.20	1.50 2.67 2.64 2.57 1.76	-2.36 - - -2.11	5.76 6.01 7.65 7.27 5.16	1,22 - - - . 58	4.41 5.29 1.72 2.05 4.85	-2.22 - - - .66	4.03 1.66 1.54 1.46 4.38	-1.18	1.78 2.58 2.97 2.59 2.86	-2.18 - - - . 13	2.31 1.66 .98 1.25 1.41	15 - - -1.87	4.43 5.63 5.04 5.79 6.21	1.81	3.78 4.01 4.47 4.89	.99 1.73	37,20 - 39,86 44,08	
ELDALE R OYD OYD NO 2 RT LEE EDERICKSBURG	1.54 E1.57 1.23 2.06	-2.31 -	3.01 1.95 2.64	08	4.00 3.82 5.27 3.34 3.70	.47	4.96 5.07 5.50 3.42 4.23	1.92	1.47 1.57 2.19 3.53 1.51	-2.70 - -2.23	6.58 4.10 5.39 5.34 5.23	47 - 1.02	4.45 5.25 4.03 4.90 3.14	.05 - -1.22	2.00 1.85 6.19 2.47	-2.82	1.93 2.60 2.61 2.21 1.91	-2.16 -1.25	1.85 1.19 2.70 1.12		4.60 4.14 4.47 5.10	2.05	5.02 4.98 4.17 5.20	: _	41.39 44.28	
EDERICESBURG EMBRPLR ONT ROYAL CAA AP LAX LAX 3 S EN LYN	1.38 2.58	- - - -2.96	2.50 1.63 3.12 2.48	50	3.53 2.75 - 4.11	88	3.74 3.11 - 2.86	.14	1,44 2,76 - 2,82	- - 28	5.89 7,00 - 4.55	1.17	2.87 2.62 - 4.16 2.58	-1.73	3.06 .83 4.89 2.18	-1.73	1.79 1.29 - 3.03	.47	1.01 2.41 .48	-2.34	2.78	- - - .84	3.56 3.76 2.62	22	31.99	- 6
ENNS 1 S RDONSVILLE CAA AP SHEN OSECLOSE OVETON	1.69		1,96 4,15 V3,54	-	3.76 4.51	= -	4.53 4.63 4.06		1.39 1.78 3.67		8.92 8.45 3.88		4.24 3.32 4.71 3.09	1111	4.44 3.77 1.16 6.51	- '	1.65 3.13 - 2.68	-	3.30 1.06 .46 .73	13	4.59 4.86 4.02 3.81 5.55	2.49	4.24 4.08 6.79 3.40 4.67	.'B1 - - -	42.47 39.88	
RUNDY RLIFAX BYSI BYSI GH KNOB	1.34 2.45	-2.19	4.27 1.76 3.78 V7.44	-1.27	4.47 3.27 4.52 5.28	55 - .01	3.14 4.04 - 3.33 4.20	.78 - - .09	1.44 4.64 3.39	-2.56 - 45	4.61 7.27 5.80 2.44	3.27 .00 -2.89	3.84 4.48 - 3.39 5.69	-1.46 -1.33	4.80 3.41 1.84 2.10	77 - -4.35	2.21 1.18 - 5.42 4.46	-3.06 - 1.18	2.41 2.07 1.41	30	5.46 3.61 5.63 5.85	.52 - 2.77	4.93 4.83 - 5.22 5.36	1,66	39.03 - 47.62	ŀ
ILLSVILLE DG IS LTL MACHIPON R DLLAND I E DLSTON DNAKER	1.53 - 1.41 2.79 2.75	-2.38 -	2.90 - 3.50 2.79	-	5,05 - 3.69 3.91 4.66	.14	4.64 2.91 3.85 3.20	65	2.18 2.71 5.69 4.25	45 	5.58 4.54 2.65 4.12	15	3.45 2.95 4.43 2.25	-4.20 -	5.75 - 1.74 3.66		2.16 3.04 3.53 3.63	-1.39	1.04 - 3.44 1.44 1.23	1,11	3.74 5.30 3.94 3.95	2.35 -	4.74 3.20 4.47 3.67	.57	42.76 - 41.94 40.16	
ONAKER 3 ME OPEWELL OT SPRINGS UDDLESTON	2.15 1.53 1.73 1.37	-1.45 -1.52	3.70 1.64 3.48 2.76 3.31	-1.37 .92	4.95 3.09 4.98 3.88 4.66	81 1.35	3.84 2.69 5.08	4 -	6.03 3.98 3.51 1.13 3.30	.31	3.79 3.77 6.90 4.49 4.45	2.39	2.42 6.67 3.77 3.75 1.49		3.09 6.73 1.37 2.20	2.05 -2.79	4.63 1.40 2.99 1.19 4.39	-1.99 12	1.07 2.21 .86 1.17	-2.61	4.49 4.03 E3.76 4.93	1.91 1.25	3,58 2,83 E 5,29 4,75	69 2.24	43.74 40.57 E43.72	- 1

	Janı	lary	Febr	uary	Mar	ch	Apı	ril	Ma	у	Ju	10	Jul	ý	Aug	just	Septe	nber	Octo	ber	Nove	mber	Decer	nber	Ann	ual
Station	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure
DEPENDENCE DIAN VALLEY R TELL RIDGE IN H KERR DAM TESVILLE 2 SSE	1.71 2.31 1.33 3.84	-	3.01 V4.46 3.29 1.75 6.03	-	4.10 4.73 3.33 5.88	-	4.43 5.25 4.33 3.60 4.35	-	2.41 2.32 4.47 1.07 2.57	-	4.37 4.59 4.31 6.12 3.67	-	3.67 2.84 1.98 8.32 2.96		2.08 2.21 4.23 4.98 1.41		2.79 2.25 3.36 1.87 4.35	-	1.03 - 1.32 2.02 2.45	1	3.36 4.63 4.54 6.92	-	3.81 4.37 6.76		- 42.77 41.30 51.19	
DAN MINES R LES CREEK AYETTE 1 NE GLEY AIR FORCE BASE RENCEVILLE	1.43 1.10 1.21 1.10	-1.76	2.29 3.26 - 2.45	-	5.32 3.61 2.64 4.10	- - 93	4.29 4.33 1.36 3.95	-1.62	1.94 2.06 2.30 1.83	-1.09	6.29 8.11 4.96 5.22 7.50	.95	3.34 2.90 4.49 1.40 2.57	- - -3.68	1.47 2.09 3.18 2.72	-1.35	3.75 3.09 .99 1.38	-1.78	.62 .94 3.63 2.27	1.13	3.87 3.10 5.88 4.60	3.75	3.11 3.82 2.94 4.66		39.03	-
EXP FOREST INGTON COLN IISA ES MILL	1.46 1.71 E1.98 1.49 2.09	-1.28 -1.02 -1.63	2.67 2.48 3.87 2.74 2.03	19 1.26 .10	3.30 3.24 4.16 3.56 3.96	19 1.08 .18	3.87 4.44 2.95 4.15 4.67	1.50 36 1.01	1.47 6.97	-1.56 -1.21 -2.35	5.77 6.28 8.10 6.48	1.65 1.55 3.96	3.64 6.21 1.17 1.34 4.89	2.32 -2.27 -3.06	2.60 2.54 2.41 2.47 2.03	-1.55 -1.65 -2.03	1.33 .72 2.71 3.92	-1.41 -1.92 36	2.18 .55 1.26 1.16 1.23	-2.58 -1.75 -2.12	5.82 3.85 5.44 5.69 3.94	1.70 3.09 3.43	5.16 4.32 4.51 4.78 3.39	1.21 1.77 1.70	38.20 E37.14 39.66 45.60	- 1.
AY CHBURG 7TH ST BR CHBURG WB AIRPOR R ASSAS	2.07 1.67 1.79 2.10 2.39	-1.64 -1.02	2.54 2.77 2.31 2.58 2.06	84 51	4.95 3.49 3.81 4.28	- 05 .75	3.33 4.66 4.31 3.99	1.71 1.26	2.98 4.67	-1.55 66	6.21 7.23 7.26 8.55 4.95	3.47 4.95	2.84 3.01 2.58 2.39 2.89	-1.63 -1.42	2.95 1.71 2.46 1.94 2.80	-1.32 -2.98	.49 2.31 1.56 2.58 2.87	- -1.75 .00	.72 2.03 1.66 .95 1.03	-1.49 -1.56	3.82 5.46 5.10 4.98 3.37	2.77 2.61	4.31 5.74 4.82 4.24 3.23	1.56 1.36	36.56 39.77 41.41 38.53	- 2
SHALL ITINSVILLE FILT P HEWS 1 SSW HAHEYSVILLE 3 S R HOWS OF DAN 5.SW	1.17 1.40 1.98 2.00	-2.74	3.28 3.35 1.86 2.14 4.55	14	3,49 4,11 3,08 3,49 4,61	22 - - -	4.39 4.58 2.27 2.91 7.63	.98	2.51 1.34 1.69 1.54 1.90	-2.37	7,91 6,51 4,34 3,64 8,49	2.26	2.94 5.81 5.11 3.26 4.74	39	.97 1.98 4.35 3.15 3.12	-3.31	.61 .97 .72 .59 2.87	-1.27 - -	1.09 1.57 3.09	-1.88 - - -	4.86 4.19 4.21	1.23	4.40 5.90 3.41 4.17	2.33	37.62	- 5
TOTAL S TEBELLO TEBELLO TEBELLO TEREY TPELIER	2,75 1,83 1,88 3,54 2,55	-1.44 -1.76 95	3.20 3.47 4.84 3.19	. 71	5.23 5.26 4.63 7.20 4.01	.72 1.43 26	4.73 5.42 4.62 5.74 4.74	1.05	4.60 2.94 2.90 3.55 4.09	_67 -2.46 - 35	4.15 11.11 9.66 9.66 7.73	4.14 3.24	8.41 6.96 7.79 7.15 4.23	3.34 2.38 59	3.20 3.23 1.69 2.51 2.16	-1.21 -4.16 -2.28	4.20 2.12 1.71 2.54	10	1.67	-1.22 - - -2.57	5.28 4.63 5.08 - 3.69	1.63	4.90 5.75 7.32 5.74	1.07 4.02 2.44	53.36 54.19 - 45.32	1
NES CREEK DAM INT JACKSON INT WEATHER 'URAL BRIDGE STATN	2.54 1.91	- .17 - -2.10	2.28 3.33 2.96	.63 1.01	3.75 6.18 3.53	1,44	3.40 4.29 4.55	1,23	2.62 2.52 1.89 2.27	24 -1.39 -1.91	10.32 5.03 5.76 7.09	7.27 1.22	3.77 2.62 4.05	-1.38	1.86 1.94 3.09	-2.65 -1.84	1.43 .77	-1.79	.96	-1.44	3.92 5.38	- - - - - 3.03	5.43 5.47 4.89	2.85	39.05 43.80	
CASTLE PORT PORT NEWS FOLK WB AIRPORT FOLK WB CITY R	1.33 1.52 1.68	-1.42	3.31 3.19 1.83 1.64	.78 -1.58	5.95 5.68 2.66 2.90	3.14 - 87 78	4.25 4.38 3.12 2.28	1.98 95 94	2.13 1.35 2.49 2.95	-1.95 86 13	5.86 5.64 6.99 4.42	.20	2.14 2.54 2.31 4.39	-2.21	.68 2.63 2.67 7.16	1.94	1.80 2.77 .44 .98	-1.01 -2.25 -2.70	.45 .91 2.74 3.23		3.11 2.64 5.54 7.01 6.34	4.85	4.09 2.78 1.87 2.80	1.74 54 67	35.10 34.18 41.44 41.65	- :
TH BRISTOL SUBST TH RIVER DAM NGER EY 1 S	3.30 2.86 4.23 1.55	.02 -1.48	3.37 5.14 1.84 2.86	-1.82	4.81 4.30 5.15 3.08	1.09	4.74 5.27 4.18 2.67	2.16 59	6.01 3.42 3.81 2.36	59 86	3.93 5.78 4.10 5.43	1.55 2.09	3.84 6.77 2.24 5.03	1,24 .75	3.19 4.75 .70 2.68	.11 -2.38 99	2.47 1.00 8.06 1.10	-2.29 -2.01	1.47 .38 1.39 3.48	-2.8B .18	4.11 4.13 6.89 4.57	1.59	4.86 5.89 7.40 3.17	3.46	46.10 53.29 36.96	-
LAR DAM NINGTON GAP 1 W LPOTT DAM DWONT FIELD STATN	1.93 5.03 1.15	-1.04 - 24	4.23 5.92 2.72	1.42	4.92 6.15 4.27 4.43 3.49	1.68	4.93 4.36 5.57 4.20	1.50	1.96 3.57 1.35 1.54	-2.21	6.73 6.48 9.37	2.53	4.40 3.04 4.00 2.90 5.15	94 -2.48	2.26 1.05 2.33 5.25	-3.90 -3.42	2.28 6.50 1.81 1.35 2.39	91 4,13	1.12 1.92 1.05 1.55	-2.04 62 -	4.50 6.62 3.85 4.97	1.58	E6.49 8.14 4.96 4.33	3.03	E45.75 58.78 43.76	
R MOUNTAIN HATAN 2 E ASKI ASKI CAA AP NTICO 1 S	1.48 1.36 1.30	-1.23	2.44 2.27 2.21	- - - -	2.90 4.98 4.25	1.22	2.88 3.68 3.30	- - - - .05	1.95 2.81 2.35	-1.73	4.90 3.57 3.21 8.63	4.81	4.43 2.19 3.68 2.45	-1.52	4.65 4.33 2.52	-2.35	3.35 2.55 2.32	-1.09	1.27 1.10 1.27	-1.05	5.49 2.84 2.87 6.56	4.46	4.59 3.39 3.46 4.73	1.90	40.33 33.12 42.03	
FORD DOLPH IDAN MMOND WB AP R HMOND WB CITY R	1.20 1.43 1.23 1.08	-1.90 -2.34 	3.39 1.90	21 - - - -1.19	4.33 4.01 2.85	1.19	3.80 4.73 4.47 2.26	1.12	1.98 2.51 3.03	39 - - 76	3.45 5.28 9.47 5.85	1.42 -	3.22 4.39 2.91 2.63 3.69	-1.09 17 - -	2.27 2.67 2.93 5.23	85 -1.65 -	3.23 2.72 .96 .98	. 56 04 - -1.28	.88 1.96 1.65 2.71 2.05	-2.10 91 - -	3.08 5.74 5.08 4.52 4.81	1.12 3.38 - 2.60	3.42 4.64 4.22 3.63	.54	34.06 42.30 36.15 38.26	-
ERTON NOKE NOKE WB AIRPORT R KFISH KY KNOB	1.06 1.03 2.00	-2.04 -2.07 -1.58	2.75 2.63 2.19	.63 15 59 .40	3.14 4.74 4.06 4.88 5.71	.60 1.42 .74 1.72	2.75 4.09 4.47 4.79	.14 1.19 1.57 1.68	2.11 1.89 1.27 2.68	-1.54	5.49 6.78 5.37 10.00 5.80	2.14 2.42 1.01 4.70	2.47 3.66 2.33 3.89 6.28	67 52 -1.85 -2.11	1.13 1.37 1.63 3.52	-2.56	1.07 1.65 1.84	-2.24 -1.55 -1.36 -1.92	1.01 1.23 1.12 2.08	-2.76 -2.59	3.50	1.31 .79 1.19	3.22 4.77	.61 1.67 .73 2.97	36.87 32.54 52.32	-
KYMOUNT E HILL TYILLE TYILLE ALKALI WORKS TE	1,31 4,93 2,14 2,23	-1.37	6.63 2.62	.04 - 83	4.43 4.93 4.34 4.46	.49	4.65 2.25 4.30 3.87	.49	3.07 2.81 7.58 6.77	60 - 2.96	5.90 5.31 6.10 5.06	1.06 - - .80	2,47	-1.99 - -2.26	1.66 .78 2.09 2.41	-	7.96 3.87	-1.36 - .38	.61 2.36 1.09 1.08		6.40 4.01	1	4.60 7.76 4.32	.89 - .70	54.59 45.27	1
THFIELD ERSET EDWELL ING CREEK 2 FFORDSVILLE	1.45 1.55 1.47 2.55	-	3.33	-	3.25 3.93 4.41 4.87	-	2.25 3.61 3.72 4.05	- - -	3.30 2.36 2.24	-	6.04 10.64 3.47 V8.10	-	2.23 2.32 3.86	11,111	6.70 v6.76 4.78 2.28	-	.80 .45 5.05	-	3.36 1.27 1.22	-	5.17 4.38 3.57 3.07	-	3.51 3.75 4.40 3.17	=	42.71	
R TANNERY R TE FARM .UNTON D AND B IN .NY CREEK R .IART	1.62	-1.4	1.51	.55	4.41 3.51 3.55 -	- .41 -	2.82 3.18 3.73	3.28	4,53 3,05 2,16 - 1,79	-1.14	7.27 6.04 6.46	3.52	3.37 4.52 4.52	- .29 -	2.98 4.20 1.93	-2.16	1.36		2.49 22 1.35	-2.74	5.99 3.39	1.30	4.98 6.78	4.14	i -	
JARTS DRAFT FFOLK LAKE KILBY GAR GROVE RRY 3 S DRDS CREEK	1.70 1.40 1.65 1.77	-	1.98 1.67 2.30 1.87	-	3.43 3.56 3.58 3.10 5.17	-	2.34 4.62 2.22 3.72	-	2.49 2.49 2.94	-	5.80 5.02 3.56 4.61	-	4.40 4.98 2.45 11.66	-	3.52 5.34 2.61 6.18 3.23	-	2.16 5.19	-	3.33 3.46	-	3.35 5.61 5.11 4.54	-	4.45 2.86 4.20 4.67	-	49.15 46.83	5 3
ZEWELL MBERVILLE 2 N DUT DALE E RIVER BANNA	1.86 1.86 2.20 *	-1.3	3.70 2.26 3.18 V4.06	.21 -1.87 -1.73	5.41 3.58 4.95 -	.78	4.00 2.07 4.23 5.23	67 2.42 -1.20	3.98 2.29 1.89	-1.07 -1.69 26	7.48 5.72	3.76 2.62	1.49 5.79 5.32	.04 -2.65	5.94 2.41 2.14 2.58 6.13	-1.36 -2.59	2.16	-1.61 -1.52 -2.42	2.77	-2.31 -1.00	5.43 5.43	1.58 2.49 2.22	4.81 5.87 2 3.74	2.43	40.72	2 -
ENNA DUNN LORING LEERS CHAPEL LKERTON LLACE LLACETON LK DRUMMD	2.39 2.38 1.58 3.00 2.11	-2.5	2.58 2.77 7 2.10 2.89	-1.24	3.86 3.29 3.11 4.62 3.65	42	3.83 4.23 2.60 4.23 3.61	55 55	5.39	18	7.72 5.85 3.70 6.88	1.72	5.97	-2.18	1.75 5.94 4.45	1.53	1.71	-3.20	1.23	1.04	3.8	2.64	3.68	36	41.14	
RRENTON 5 NE RSAW 2 N SHINGTON VIRGINIA SHINGTON WB CITY 1 SHINGTON WB NAT A	1.43 1.58 2.42	-1.50 -1.13 -1.3	1.69 3.02 3.2.57 7 2.65	-1.59 70	3.59 2.68 3.41 3.17 2.92	-1.10 58 83	4.12 3.93 3.49	.66	2.12 3.04 1.32 3.23	31 47	6.06 9.28 6.69	5.15 2.56	4.82 2.50 5.25	.67 -2.21 .54	1.75	-1.70 -1.99 5 -2.20	1.91 3 2.67	08 -1.33 57	1.6	90 5 -1.16 7 -1.17	4.0° 5.0° 7 4.7°	7 2.73 7	3.80 4.77	1.4	35.46	7
TERFORD VERLY HILLS	3.52 2.29 1.10 3.76	-	2.42 2.73 2.39 2.62	-	3.42 4.89 4.57	-	3.12 4.37 4.22 4.20	=	3.22 3.44 2.38	-	6.24 6.97 4.44	-	1.40 1.88 3.09	-	1.27 2.61 2.46	[- -	1.36 2.42 3.40	-	1.2		6.1	6 -	4.74	-	42.58	1

See reference notes following Station Ind

Table 2-Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINI.

	° Jan	uary	Feb	ruary	Mar	ch	Αp	ril	м	ay	Ju	ДО	. Ju	lv	Au	gust	Septe	mber	Oct	ober	Nove	mber	Dece	mber	Ann	ual
Station	Prectp.	Departure	Precip.	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip.	Departure	Precip	Departure	Precip	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure
WILLIAMSBURG WILLIAMSVILLE WINCHESTER 2 SSW WOODSTOCK WOOLWINE		- -1.27 -1.02		1.24 .85	4,26 3,67 3,55 5,39	. 79		- .71 .34	2.48 3.88 2.40 2.36	.04 89	7,18 6,89 6,30	2.67	5.19 5.36 3.05 5.17			-2.83 -2.32		44 43			3,94			1.28	-	
WOOLWINE 4 S WYTHEVILLE	-	-	1.56	-1.43	4.20	.76	3.84	71	3.41	- 25	6,95 3,82	38	7.64 3.89	- 11	2.91 6.76	2.57	3.19	- 11	.68 .58	-2.26	3.22	1.08	6.79 3.07		-	-
SECTION AVERAGE	1.77	-1.48	2.52	50	3.79	.17	3.82	.56	2.62	-1.17	6.27	2.09	3.87	83	3.11	-1.33	1.89	-i.36	1.60	-1.35	4.83	2.08	4.51	1.40	40.40	- 1.72

Table 3						EXILE			TE DAI		_N	lo. of days	195
Station	Highest	Date	Lowest	Date	Last 24° or	spring minimum	of 32° or	Fi 32° or	rst fall minimum 28° or	of . 24° or		etween dates 28° or	32° or
	Ξ.				below	below	below	below	below	below	below	below	below
ALEXANDRIA POTOMAC YDS ANNANDALE -ASHLAND	98	6- 2+ - -	-1 -	12-17 12-17	2-12 (24°) 3-27 (22°) 3-11 (24°)	3-27 (28°) 4-18 (28°) 4-18 (27°)	4-21 (32°) 4-18 (28°) 4-23 (32°)	11- 4 (26°) 11- 3 (32°)	11- 4 (26°) 11- 4 (21°)	11-20 (24°) 11-4 (21°)	281 222 -	222 200 -	197 199
BAILEYS CROSS ROADS BALCONY FALLS	97	7-22+ 7-24	3	12-17 2- 8	3-27 (22°) 3-27 (24°)	3-27 (22°) 4-18 (28°)	4-18 (29°) 4-21 (32°)	11- 3 (30°) 11- 4 (23°)	11- 4 (21°) 11- 4 (23°)	11- 4 (21°) 11- 4 (23°)	222 222	222 200	199 197
BEDFORD BIG MEADOWS BLACKSBURG	98 86 94	6- 2 7-23 7-23	2 - 7 1	12-17 2-8 2-3	4-18 (24°) 4-20 (23°) 4-18 (23°)	4-18 (24°) 4-20 (23°) 4-18 (23°)	4-21 (30°) 4-20 (23°) 4-24 (31°)	11-4 (22°) 9-29 (32°) 9-29 (31°)	11-4 (22°) 10-29 (28°) 10-26 (28°)	11- 4 (22°) 11- 3 (17°) 11- 4 (19°)	200 197 200	200 192 191	197 162 158
BLACKSTONE CAA AP BOWLING GREEN	99 97	6- 2 6- 2+	8 10	2- 4 12-17	3-10 (24°) 2-10 (20°)	3-27 (27°) 3-15 (28°)	4-18 (31°) 4-18 (29°)	11-3 (29°) 11-4 (28°)	11- 9 (25°) 11- 4 (28°)	11-19 (21°) 11- 9 (24°)	254 272	227 234	199 200
BRISTOL BUCHANAN BURKES GARDEN	95 99 87	7-22 6-2 6-3	5 3 - 5	2- 3+ 12-17 2- 3	3-22 (23°) 4-18 (24°) 4-18 (20°)	3-25 (25°) 4-18 (24°) 4-24 (28°)	4-18 (29°) 4-24 (32°) 5-14 (32°)	10-11 (32°) 10-12 (30°) 9-29 (25°)	11- 3 (25°) 11- 4 (23°) 9-29 (25°)	11- 4 (23°) 11- 4 (23°) 10-10 (22°)	227 200 175	223 200 158	176 171 138
CAPE HENRY WB CITY CAPRON	97 99	6-24 6-24	18 10	2- 8 12-17	2-9 (22°) 2-10 (21°)	2-10 (27°) 3-27 (25°)	3-27 (32°) 4-18 (30°)	11-19 (32°) 11-4 (25°)	12-16 (24°) 11- 4 (25°)	12-16 (24°) 11- 9 (23°)	310 272	309 222	237 200
CATAWBA SANATORIUM CHANTILLY	92 95	7-24 6- 2+	- 3 - 2	12-16+ 12-17	3-25 (24°) 4-18 (24°)	4-18 (26°) 4-18 (24°)	4-18 (26°) 4-24 (32°)	11-3 (28°) 9-29 (31°)	11-3 (28°) 11-4 (17°)	11- 9 (24°) 11- 4 (17°)	229 200	199 200	1'99 158
CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W CHASE CITY	99 97 98	6- 3+ 6- 3+ 6- 3	7	2- 4+ 2- 3	3-12 (23°) 3-10 (23°)	3-27 (25°) 3-25 (28°)	4-18 (29°) 4-18 (32°)	11-4 (25°)	11- 4 (25°)	11-19 (20°)	254	224	200
CHATHAM 2 NE CHERITON	99	6- 3	6	12-17	3-27 (24°) 2-11 (24°)	4-18 (27°) 3-27 (27°)	4-21 (32°) 3-27 (27°)	9-30 (32°)	11- 4 (24°)	11- 4 (24°)	222	200	162
CLARKSVILLE COLUMBIA CROZET 2 N	104 99 97	6- 3 7-24 . 6- 2	- 5 5	2- 4+ 2- 3+	3-17 (24°) 3-27 (22°) 3-10 (23°)	3-27 (25°) 4-18 (28°) 3-27 (25°)	4-18 (29°) 4-21 (31°) 4-18 (29°)	10-26 (31°) 11-4 (24°)	11- 4 (26°) 11- 4 (24°)	11- 9 (22°) 11- 4 (24°)	227 239	200 222	188 200
CULPEPER DAHLGREN PROV. GROUNDS	98	- 6- 2	- 4 13	2- 4 2- 8+	3-27 (19°) 2-10 (16°)	2-11 (25°)	3-26 (32°)	9-29 (31°) 11- 3 (29°)	11-4 (19°) 11-18 (24°)	11-4 (19°) 11-18 (24°)	222 281	280	222
DALE ENTERPRISE DANTE DANVILLE	95 92 102	6- 2+ 6-25 6- 2	2 - 8	12-16+ - 12-17	4-18 (23°) - 2-11 (16°)	4-18 (23°) 3-27 (25°)	4-21 (30°) 4-18 (30°) 3-27 (25°)	10-26 (32°) 11- 3 (28°) 11- 4 (26°)	11-4 (25°) 11-3 (28°) 11-4 (26°)	11-6 (23°) 11-9 (21°) 11-18 (24°)	202	200	191 199 222
DANVILLE CAA AP DIAMOND SPRINGS	102 96	6- 2 6-24	9 · 16	12-17 2- 4+	2-11 (17°) 2-10 (23°)	3-17 (25°) 3-27 (28°)	3-27 (29°) 3-27 (28°)	11- 4 (27°) 11- 4 (30°)	11- 4 (27°) 11-19 (27°)	11- 9 (24°) 12-16 (22°)	271 309	232 237	222 222
ELKWOOD 7 S EMORY EPISCOPAL HIGH SCHOOL	98 - 97	6- 2+ 6- 3	- 1 - 8	12-17	3-27 (19°) 3-22 (22°) 3-22 (24°)	4-21 (28°) 4-18 (26°) 3-22 (24°)	4-24 (31°) 4-18 (26°) 3-27 (27°)	9-29 (31°) 10- 9 (29°) 11- 4 (25°)	11- 4 (19°) 10-10 (27°) 11-'4 (25°)	11-4 (19°) 10-12 (24°) 11-19 (24°)	222 204 242	197 175 227	158 174 222
FALLS CHURCH FARMVILLE	97 100	6- 2 6- 2	5	12-17 2- 4	3-27 (24°) 4-18 (24°)	3-27 (24°) 4-18 (24°)	4-18 (32°) 4-24 (32°)	11- 3 (31°) 9-30 (31°)	11- 4 (23°) 11- 4 (23°)	11- 4 (23°) 11- 4 (23°)	222 200	222 200	199 159
FLOYD FORT LEE FREDERICKSBURG	95 98 100	6- 2 6- 2 6- 3+	0 6 4	2- 3+ 12-17 2- 4+	3-22 (22°) 2-24 (22°) 3-27 (21°)	4-18 (25°) 4-18 (28°) 4-18 (25°)	4-18 (25°) 4-21 (32°) 4-21 (32°)	10-10 (31°) 11-3 (27°) 10-27 (31°)	11-3 (26°) 11-3 (27°) 11-4 (20°)	11-4 (24°) 11-9 (22°) 11-4 (20°)	227 258 222	199 199 200	175 196 189
FRONT ROYAL CAA AP	97	9- 1 6-24	- 2 1	12-17 2- 3	3-27 (20°) 3-22 (23°)	4-18 (26°) 4-18 (25°)	4-24 (32°) 4-24 (32°)	9-30 (31°) 10-10 (30°)	10-10 (28°) 11- 3 (27°)	11- 3 (21°) 11- 5 (21°)	221 228	175 199	159
GLEN LYN GLENNS 1 S GORDONSVILLE CAA AP HALIFAX	98 102	6- 2+ 6- 2	- 2 6	2- 4 2- 4	4-18 (24°) 3-27 (22°)	4-21 (28°) 4-18 (26°)	4-24 (32°) 4-21 (31°)	11- 4 (25°) 9-29 (30°) 10-26 (32°)	11-4 (25°) 11-3 (20°) 11-4 (24°)	11-19 (24°) 11-3 (20°) 11-4 (24°)	199 222	196 200	169 - 158 188
HOLLAND 1 E HOPEWELL	100	6-25+ 7-12+	10	2- 4 2- 4+	2-10 (21°) 2- 9 (19°)	3-27 (25°) 3-27 (27°)	4-21 (32°) 4-18 (29°)	10-20 (31°) 11-4 (28°)	11- 4 (28°) 11- 4 (28°)	11-19 (22°) 11-9 (24°)	282 273	222 222	182 200
HOT SPRINGS JOHN H. KERR DAM LANGLEY AIR FORCE BASE	89 105 96	6- 2+ 6- 3 7-23	- 2 8	2- 3 12-17	4-18 (21°) 3-27 (24°)	4-18 (21°) 3-27 (24°)	4-24 (29°) 4-21 (32°) 3-27 (30°)	9-29 (29°) 11-4 (30°) 11-18 (32°)	11- 3 (25°) 11- 5 (28°) 11-19 (28°)	11- 4 (23°) 11- 9 (24°) 12-16 (19°)	200	199	158
LAWRENCEV ILL E LEE EXP FOREST	99	6-2	6	12-17 12-17	3-27 (22°) 3-11 (22°)	4-18 (28°) 3-17 (26°)	4-21 (31°) 4-21 (30°)	11-4 (24°) 11-4 (30°)	11-4 (24°) 11-5 (28°)	11- 4 (24°) 11- 6 (24°)	222 240	200 233	197 197
LEXINGTON LINCOLN	94 100 99	6- 3 6- 2 7-23	5 - 1 3	12-17 12-17 12-17	3-27 (23°) 3-27 (24°) 3-27 (22°)	4-18 (27°) 3-27 (24°) 4-18 (27°)	4-18 (27°) 4-21 (32°) 4-21 (32°)	10-12 (32°) 11-3 (30°) 11-4 (24°)	11- 4 (23°) 11- 4 (21°) 11- 4 (24°)	11- 4 (23°) 11- 4 (21°) 11- 4 (24°)	222 222 222	200 222 200	177 196 197
LURAY	96 96	6- 2	- 1	2- 3	4-18 (22°) 3-10 (24°)	4-18 (22°) 3-25 (28°)	4-18 (22°) 4-18 (31°)	9-29 (30°) 11-3 (27°)	11- 4 (20°) 11- 3 (27°)	11- 4 (20°) 11- 4 (23°)	200	200 200 223	164
LYNCHBURG WB AP MANASSAS MARTINSVILLE FILT PL	97 98	6- 2+ 6- 2 6- 3+	8 1 4	12-16+ 12-17 12-17	3-27 (21°) 4-18 (22°)	4-18 (28°) 4-18 (22°) 3-27 (24°)	4-21 (31°) 4-24 (32°)	11- 3 (32°) 9-30 (30°)	11-4 (20°) 10-12 (28°)	11- 4 (20°) 11- 4 (22°)	239 222 200	200 177	199 196 159
MATHEWS 1 SSW	96 98	7-23	- 2	12-17	3-27 (24°) 3-22 (18°)	4-18 (26°)	4-21 (32°) 4-18 (26°) 4-20 (29°)	9-29 (32°)	11-4 (26°)	11-19 (24°) 11-3 (23°)	237	199	197
MONTEBELLO MONTEREY MOUNT JACKSON	90 89 96	6- 2 7-13+ 7-22+		2-8	4-18 (22°) 4-18 (19°) 4-18 (23°)	4-18 (22°) 4-20 (26°) 4-18 (23°)	4-24 (30°) 4-24 (31°)	10-21 (32°)	10-25 (27°) 11- 3 (28°)	10-29 (22°) 11- 5 (23°)	194 201	190	180
MOUNT WEATHER NEW CANTON	94 96	8-11 7-12	- 2	12-18+ 2- 4	3-27 (22°) 3-27 (20°)	3-27 (22°) 4-18 (27°)	4-20 (30°) 4-21 (29°)	10-27 (30°) 10-26 (32°)	11- 3 (26°) 11- 4 (23°)	11- 6 (20°) 11- 4 (23°)	224	221	190
NEWPORT NEWS NORFOLK WB AP NORFOLK WB CITY	96 96 96	6-25+ 6-28 6- 2+	17 17 18	2- 4+ 2- 4+ 2- 8	2-10 (22°) 2-9 (22°) 2-9 (22°)	3-10 (28°) 2-10 (26°) 2-10 (26°)	3-26 (32°) 3-27 (29°) 3-11 (32°)	11-10 (32°) 11-4 (31°) 11-19 (29°)	11-20 (25°) 11-19 (27°) 12-16 (21°)	12-16 (20°) 12-16 (20°) 12-16 (21°)	309 310 310	255 282 309	229 222 253
ONLEY 1 S PENNINGTON GAP 1 W	96 95	7-23 9- 2	12	2- 4+	3-27 (24°) 3-27 (24°)	3-27 (24°) 4-19 (28°)	3-27 (24°) 4-19 (28°)	11- 4 (27°) 10- 9 (31°)	11- 4 (27°) 11- 3 (21°)	11-21 (24°) 11- 3 (21°)	239 221	222 198	204
PHILPOTT DAM PIEDMONT FIELD STA POOR MOUNTAIN	99	6- 2+	5 -	12-17	3-27 (20°) 3-27 (23°)	4-18 (25°) 3-27 (23°)	4-23 (30°) 4-18 (29°)	10-11 (32°) 11-4 (21°)	11- 4 (21°)	11- 4 (21°)	222	222	171 200 -
POWHATAN 2 E PULASKI CAA AP	98	6- 2 7-23	2 - 2	2-4	4-18 (24°) 4-18 (22°)	4-18 (24°) 4-18 (22°)	4-21 (32°) 4-24 (29°)	10-26 (31°) 9-29 (30°)	11- 4 (22°) 10-10 (28°)	11- 4 (22°) 11- 3 (20°)	199	200 175	188
QUANTICO 1 S RICHMOND WB AP RICHMOND WB CITY	99 100 98	6- 2 7-23 7-23	10 13	12-17 2- 4+ 2- 4+	2-10 (22°) 2-10 (21°) 2-10 (21°)	3-27 (25°) 3-27 (27°) 3-15 (28°)	4-18 (31°) 4-18 (29°) 3-27 (30°)	11-3 (26°) 11-3 (28°) 11-3 (30°)	11- 3 (26°) 11- 3 (28°) 11- 9 (26°)	11-9 (24°) 11-19 (24°) 11-20 (24°)	272 282 283	222 222 239	199 199 221
ROANOKE ROANOKE WB AP	96	6- 2 7-23	7 5	12-17	2-11 (16°) 2-11 (16°)	4-18 (28°) 4-18 (27°)	4-18 (28°) 4-18 (27°)	11- 3 (27°) 11- 3 (26°)	11- 3 (27°) 11- 3 (26°)	11- 9 (24°) 11-18 (23°)	271	199	199 199
ROCKY KNOB ROCKYMOUNT SALTVILLE ALKALI WORKS	89 96 97	10- 6 6- 3+ 6- 4	- 1 - 4	12-16 - 2- 3	3-17 (23°)	3-27 (28°)	- - 4-18 (29°)	11-2 (32°) 9-30 (31°) 11-3 (29°)	11- 3 (23°) - 11- 4 (24°)	11- 3 (23°) - 11- 4 (24°)	232	222	199
STAUNTON D & B INST. STUART	97 95	7-24 6- 2+	3	12-16	3-27 (23°) 3-27 (23°)	4-18 (26°) 4-18 (25°)	4-18 (26°) 4-18 (25°)	11-4 (24°)	11-4 (24°) 11-4 (24°)	11- 4 (24°) 11- 4 (24°)	222	200 200	200 177
SUFFOLK LAKE KILBY SUGAR GROVE TIMBERVILLE 2 N	98 89 95	6- 2+ 7-23 6- 2	9 - 1	2- 4	3-27 (24°) 4-18 (19°) 4-18 (21°)	3-27 (24°) 5-13 (28°) 4-21 (27°)	4-18 (30°) 5-13 (28°) 4-24 (30°)	9-29 (29°)	11- 4 (27°) - 10-26 (28°)	11-19 (22°)	237	188	177
URBANNA WALKERTON	98	7-24 6- 2	10	2- 4+	2-11 (20°) 3-27 (24°)	3-27 (26°) 4-18 (28°)	4-18 (31°) 4-18 (28°)	11- 4 (26°)	11-4 (26°)	11-19 (24°)	281	222	200
WARRENTON 5 NE WARSAW 2 N	96 99 96	6- 3 7-23	- 8	12-17	3-22 (23°) 2-11 (21°)	3-26 (26°) 4-18 (28°) 3-22 (27°)	4-18 (29°) 4-18 (28°)	11- 4 (25°) 11- 4 (25°) 11- 3 (31°)	11- 4 (22°) 11- 4 (25°)	11- 4 (22°) 11-19 (23°) 11-21 (23°)	227 281 284	223 200 241	199 200 221
WASHINGTON WB CITY DC WASHINGTON WB NAT AP	96	6- 2+ 6- 2	10	12-17 2- 8	2-10 (21°) 2-10 (20°)	3-22 (28°)	3-27 (30°) 3-27 (30°)		11-18 (28°) 11-19 (27°)	12-15 (21°)	308	242	221

Table 3-Continued.

	1eet			_	Las	t sp <i>r</i> ing minimun	a of	Fi	rst fall minimum	of .		lo. of days setween dates	
Station ,	High	Date	Lowest	Date	24° o below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° oı below
ATERFORD AVERLY HILLS ILLIAMSBURG INCHESTER 2 SSW OODSTOCK	93 96 98 95 97	7-24 6- 2+ 6- 2 6- 2+ 6- 2	6 8 - - 5 - 1	12-17 12-17 - 12-17 12-17	3-11 (24°) 3-10 (24°) 3-27 (23°) 3-27 (22°)	3-28 (28°) 3-27 (27°) - 4-18 (28°) 4-18 (28°)	3-28 (28°) 3-27 (27°) - 4-18 (28°) 4-21 (31°)	11-3 (32°) 11-3 (32°) - 11-3 (32°) 11-3 (30°)	11- 4 (25°) 11- 4 (23°) - 11- 4 (21°) 11- 4 (22°)	11-19 (24°) 11- 4 (23°) - 11- 4 (21°) 11- 4 (22°)	253 238 222 222	221 222 200 200	220 221 - 199 196
THEV ILLE	90	6-3	0	2- 3	4-18 (22°)	4-18 (22°)	4-18 (22°)	9-29 (29°)	10-10 (26°)	11- 2 (23°)	198	175	164

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	' June	July	Aug.	Sept.	Oct	Nov.	Dec.	Annual
CHARLOTTESVILLE 1 W	EVAP DEP WIND	-			- - -	, , ,	- - -	- - -	6.16 - 795	4.91 - 856	3.47	- V2352		=
OLLAND 1 E	EVAP DEP WIND	= =	= =	=	B5.96	B6.67 - 1650	B7.17 1192	B6.88 - 857	= =	B3.87	2.55 1343	=	 -	=

		Т			Т			Ϋ́e	ars of		ened		 	Г			<u> </u>	П	_	<u> </u>		Yes	us of	Ton	ened	1951
	Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation		Precip.	dur	Work	Refe			Station	Index No.	County	Drainage	Latitude	Longitude	Elevation		Precip.	-duri	Month closed Ar	Refer to tables
	ABINGDON AFION BOXWOOD GARDENS ALEXANDRIA POTOMAC YARDS ALTAVISTA AMISSVILLE	0013		14 3 34 3 29 3 35 3	16 42 18 02 18 49	82 00 78 50 77 03 79 18 78 01	2000 1250 20 503 550	14	10 21 14 6 8		1	2 2 1 2 1 2 2 2	3		JONESVILLE 2 SSE JORDAN MINES KERRS CREEK LAFAYETTE 1 NE LANGLEY AIR FORCE BASE	4448 4452 4565 4676	ALLEGHANY ROCKBRIDGE MONTGOMERY	10 30 20 35	36 40 37 41	83 06 80 05 79 31 80 13 76 22	1375 1350 1400 1280	65	5 10 10	JUNE	20	2 2 2 2 2
	ANNANDALE APPOMATIOX ASHLAND AUGUSIA SPRIMOS 2 SW BAILEYS CROSS ROADS	0243 0327 0357	FAIRFAX APPOMATTOX HANOVER AUGUSTA FAIRFAX	16 3 9 3 6 3	7 21 7 46 8 05	77 12 78 50 77 29 79 21 77 08	310 825 220 1550 255	5 39 2	5 13 39 10 2			1 2 1 2 1 2 1 2 1 2 1 2 1	3		LEE EXPERIMENTAL FOREST LEXINGTON LINCOLN	4802 4876 4909	BRUNSWICK BUCKINGHAM ROCKBRIDGE LOUDOUN LOUISA	29	36 46 37 32 37 47 39 07 38 01	77 51 78 33 79 26 77 43 78 00	254 500 1060 500 437	6 10 73 50 36	6 10 80 51 36			1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
	BALCONY FALLS BEDFORD BERRYVILLE BIG KNOB BIG MEADOWS	0712 0720	MADISON	38 3 14 3 33 3	17 20 19 09 16 40 18 31	79 27 79 32 77 59 82 30 78 26	725 950 580 3150 3535	23 16	20 37 9 16 16			1 2 1 1 2 2 2 2 1 2 1	3		LYNCHBURG 7TH ST BRIDGE LYNCHBURG WB AIRPORT MANASSAS	5096 5115 5120 5213	CAMPBELL CAMPBELL PR. WILLIAM	38 16 16	36 45 38 40 37 25 37 20 38 45	81 41 78 23 79 09 79 12 77 28	2050 1120 947 312	10 80 4	80 35			2 1 2 3 2 1 2 3 1 2 3
	BLACKSBURG BLACKSTONE CAA AIRPORT BLAND BOWLING GREEN BREMO BLUFF ARISTOL	0792 0937	MONTGOMERY NOTTOWAY BLAND CAROLINE FLUVANNA WASHINGTON	16 3	7 04 17 06 18 03 17 42	80 25 77 57 81 07 77 21 78 18	2170 440 2000 225 225	59 - 6 2	59 6 1 2 11	SEPT		1 2 1 2 1 2 1 2 2	3	1		5300 5338 5423	SMYTH FAUQUIER HENRY MATHEWS ROCKINGHAM	33 40 6 38	36 42 37 25 38 21	81 31 77 53 79 53 76 20 78 44	2200 575 760 10 1080	14 2	45 6 21 2 10			2 2 3 1 2 3 2
†	BRISTOL TVA BROCKNEAL BUCHANAN BUCKINGHAM 1 E BUENA VISTA	1047 1082 1121	WASHINGTON CAMPBELL BOTETOURT BUCKINGHAM	16 3	16 37 17 03 17 32 17 33	82 10 78 57 79 41 78 32 79 21	1920 500 875 500	33	3 2 50 16			1 2 2 2 2 2 2 2 2		1	MEADOMS OF DAN 5 SW MEMDOTA MONS MONTEBELLO MONTEBELLO MONTEBELLO MONTEREY MONTEREY	5677 5685	PATRICK WASHINGTON BEDFORD NELSON NELSON HIGHLAND	20	36 42 37 27 37 54 37 51	80 27 82 18 79 37 79 06 79 07	1500 1350 2505 2500 2700 2950	6	44 6 14 9			1 2 3 1 2 3 2 2
	BUGSS ISLAND DAM BURKES GARDEN BYLLESBY CAPE_HENRY WB CITY CAPRON	1375	TAZEWELL CARROLL PRINCESS ANNE SOUTHAMPTON	23 3 23 3 2 3	17 06 16 48 16 56	76 18 81 20 80 55 76 00 77 15	326 3250 2075 16	4 54 77 11	56 8 77		NOV	1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3		MONTPELIER MOORES CREEK DAM MOUNT JACKSON MOUNT WEATHER NATURAL BRIDGE STATION	5708 5729 5822 5851 5941	HANOVER ROCKBRIDGE SHENANDOAH LOUDOUN ROCKBRIDGE	20 38 29	37 48 37 45 38 50 39 04 37 35	77 43 79 38 78 39 77 54 79 31	250 1780 1050 1725	1 4 47	1 16 14 48	JUNE	SEPT	1 2 3 2 1 2 3 1 2 3
	CATAWBA SANATORIUM CHANTILLEY CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W CHASE CITY	1570 1585 1593	ROANOKE FAIRFAX CHARLOTTE ALBEMARLE ALBEMARLE MECKLENBURG	7 3 29 3 35 3 34 3	6 53 17 03 18 02	80 05 77 26 78 38 78 31 78 31 78 28	1900 320 560 870 540	40 4 5 8	40 5 75			1 2 1 2 1 2 1 2 1	3	1 1	NEW CANTON NEW CASTLE NEWPORT NEWPORT NEWS NORFOLK WB AIRPORT NORFOLK WB CITY	6012 6046 6054 6139	BUCKINGHAM CRAIG GILES WARWICK PRINCESS ANNE NORFOLK	11 23 16 8	37 42 37 30 37 19 36 59 36 53 36 51	78 18 80 06 80 31 75 26 76 12 76 17	300 1300 1900 25 25	30 6 81	58 14 6 30 6 81			1 2 3 2 1 2 3 1 2 3 1 2 3
	CHATHAM 2 NE CHATHAM SCS CHERITON CHINCOTEAGUE CHURCHVILLE	1619 1636 1583 1708	PITTSYLVANIA PITTSYLVANIA NORTHAMPTON ACCOMAC AUGUSTA	2 37 38 38	6 45 7 17 7 56 8 14	79 22 79 25 75 58 75 26 79 10	700 852 11 26 1475	28 15	28 5 24			1 2 3	1 8	000	NORTH RIVER DAM DLINGER ONLEY 1 S DRANGE 1 SW	6199 6345 6362 6363	ACCOMAC ORANGE	14 38 10 2 24	36 37 38 21 36 49 37 41 38 14	82 11 79 16 82 52 75 43 78 06	1740 1918 1400 40 514	34	21 17 34 39			2 2 2 1 2 3
	CLARENDON LYON PARK CLARKSVILLE CLEVELAND CLIFTON FORGE CLINCHCO CLINCHPORT	1746 1776 1801 1808	ARLINGTON MECKLENBURG RUSSELL - ALLEGHANY DICKENSON SCOTT	29 36 35 36 10 36 15 37 37 37 10 36	6 38 6 57 7 49 7 10	77 05 78 24 82 09 79 50 82 19 82 45	225 286 1540 1055 1525 1260	32	24 60 18 27 1 56	SEPT		1 2 3		-	PENNINGTON GAP 1 W PHILPOTT DAM PIEDMONT FIELD STATION PILOT	6626 6691 6712 6723	AMHERST LEE HENRY ORANGE MONTGOMERY ROANOKE	31 40 24 23	37 41 36 46 36 47 38 13 37 03	79 17 83 02 80 02 78 06 80 22	800 1386 831 500 2200 3960	20 4	17 20 4			2 1 2 3 1 2 3
	COLUMBIA CONCORD 5 S COOTES STORE COPPER HILL COVINGTON	1929 1955 1986 1999 2041	FLUVANNA CAMPBELL ROCKINGHAM FLOYD ALLEGHANY	16 37 35 37 38 38 23 37 15 37	7 46 7 17 8 38 7 05 7 48	78 09 78 58 78 51 80 08 80 00	300 650 1050 2800 1245	49	53 2 9			1 2 3		F	POWHATAN 2 E PULASKI PULASKI CAA AIRPORT QUANTICO 1 S RAOFORO	6906 6955 6960 6979 7004	POWHATAN PULASKI PÚLASKI PR. WILLIAM MONTGOMERY	23 23 29 23	37 12 37 32 37 02 37 05 38 30 37 05	80 09 77 54 80 47 80 47 77 19 80 35	350 1850 2190 12 1855	3 2 13 51	10 13 47 46		JUNE	1 2 3 1 2 3 2 1 2 3 1 2 3
	CROZET Z N CULPEPER DAHLGREN PROVING GROUNDS DALE ENTERPRISE DAMASCUS DAMASCUS	2195 2195 2208 2216	ALBEMARLE CULPEPER KING GEORGE ROCKINGHAM WASHINGTON RUSSELL	34 38 32 38 29 38 38 38 14 36 10 36	8 20 8 27 6 38	78 42 77 59 77 02 78 56 81 48 82 18	750 475 18 1350 1950	9 42 32 59	9 44 32 71 25			1 2 3 1 2 3 1 2 3		F F F F	RANDOLPH RAPIDAN RICHMOND WB AIRPORT RICHMOND WB CITY RIVERTON	7025 7033 7201 7206 7254	CHARLOTTE ORANGE HENRICO HENRICO WARREN	16 16 28	36 54 38 18 37 30 37 32 38 57	78 43 78 04 77 20 77 25 78 11	334 300 160 162 500	14	45 6 14 80 21			1.2 3 1 2 3 2
	DANVILLE CAA AÍRPORT DARWIN DAVENPORT DEERFIELD 2 NE	2245 2250 2264 2269 2315	PITTSYLVANIA PITTSYLVANIA DICKINSON BUCHANAN AUGUSTA	13 36 12 37 37 37 6 38	6 34 7 05 7 07 8 13	79 23 79 20 82 30 82 06 79 22	565 590 1500 1600 1800	34	8 3 10 25			1 2 3	۱ ا	6 6 6	ROCKY KNOB ROCKYMOUNT	7285 7312 7330	ROANOKE ROANOKE NELSON FLOYD FRANKLIN LEE	35 36 16 35	37 16 37 19 37 48 36 51 37 00 36 40	79 56 79 58 78 46 80 22 79 54 83 22	907 1192 - 500 3100 1132 1475	17 10 58	57 19 14 10 58			1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
	DELAPLANE DIAMOND SPRINGS ORIVER 5 NE DUNBAR DUNBANNON ELKMOOD 7 S	2368 2504 2538 2548	FAUQUIER PRINCESS ANNE NANSEMOND WISE SCOTT CULPEPER	8 36 22 36 10 36 10 36 33 38	6 54 6 52 6 58 6 50	77 55 76 12 76 30 82 45 82 26 77 46	25 17 2000 2500 314	43	10 43 9 17 17			1 2 3 2 2 2 2 1 2 3		5 5 5 5	SALTVILLE ALKALI WORKS SALUDA SLATE SMITHFIELD	7506 7514 7843 7864	SMYTH SMYTH MIDDLESEX BUCHANAN ISLE OF WIGHT ORANGE	14 33 17	36 53 36 53 37 36 37 16 36 59 38 14	81 46 76 36 81 56 76 38 78 15	1725 1735 107 1550 37 390	33 10	35 10 10 10		JUNE.	2 2 1 2 3 1 2 3 2 2
	EMORY EMPORIA 1 WNW EPISCOPAL HIGH SCHOOL FAIRFAX FALLS CHURCH	2782 2790 2809 2890	WASHINGTON GREENVILLE	14 36 21 36 29 36 29 38 29 38	6 45 6 41 8 49 8 51	81 50 77 33 77 06 77 18 77 11	2150 80 250 440 315	26	27 21 5 3			1 2 3		21 01 01 01	SPEEDWELL SPRING CREEK 2 STAFFORDSVILLE STAR TANNERY	7971 7997 8022 8046	WYTHE TAZEWELL GILES ' FREDERICK GOOCHLAND	23 10 12 38		61 10 81 39 80 43 78 26 77 51	2340 2340 1960 950 180		11 16 1 9	SEPT		2 2 2 2 2
	FARMVILLE FIELDALE FLOYD FLOYD 2 FORT LEE	2941 2983 3071 3072	PRINCE EDWARD HENRY FLOYD FLOYD PRINCE GEORGE	1 37 40 38 23 36 23 36	7 18 6 43 6 55	78 23 79 57 80 19 80 18 77 20	450 760 2600 2600 60	30 19	32 8 19 3 2			1 2 3 2 1 2 3 2 1 2 3		5	TONY CREEK TUART TUARTS DRAFT	8129 8169 8172	SUSSEX PATRICK AUGUSTA	25 41 38	38 09 36 57 36 38 38 00 36 44	79 04 77 24 80 16 79 03 76 35	1480 77 1350 1450 22	59 27 5	65 .9 27 3			1 2 3 2 1 2 3 2 1 2 3
	FREDERICKSBURG FREDERICKSBURG EMBRY PLANT FRONT ROYAL CAA AIRPORT GALAX GALAX 3 S	3197 3231 3267 3268	WARREN GRAYSON GRAYSON	33 38	8 18 8 19 9 00 6 40 6 38	77 28 77 29 78 14 80 55 30 56	100 25 677 2400 2520	58 13	60 5 13 10 1	JUNE	INUL	2		5 7 7	SURRY 3 S WORDS CREEK IAZEWELL IMBERVILLE 2 N	8241 8282 6354	TAZEWELL	10	36 46 37 05 37 02 37 07 38 40	61 24 76 52 81 55 81 31 78 46	2680 115 1900 2450 1100		12 2 16 17 20			1 2 3
	ALEN LYN SLENNS 1 S SORDONSVILLE CAA AIRPORT SOSHEN SROSECLOSE	3407 3462 3470 3623		23 37 19 37 24 38 6 37 14 36	7 33 7 3 04 7 7 59 7 5 52 8	76 37 78 10 79 30 31 20	105 438 1300 2590	19	38 1 13 12 9	JUNE		1 2 3 1 2 3 1 2 3 2 2	- 1	t U W	IYE RIVER IRBANNA //IENNA DUNN LORING VALKERS CHAPEL	8600 8642 8737 8821	NELSON MIDDLESEX FAIRFAX ARLINGTON	33 29 29	36 42 37 40 37 38 38 54 38 55	81 26 78 57 76 34 77 13 77 08	3100 551 25 370 240	15	16 13 15 3		MAY	2 2 2 3 2 2
	SROVETON SRUNDY HALIFAX HAYSI HIGH KNOB HILLSVILLE	3640 3690 3863 3959	FAIRFAX BUCHANAN HALIFAX JICKINSON WISE CARROLL	29 38 17 37 3 36 37 37 10 36 23 36	7 16 6 5 46 3 7 13 8 5 54 8	77 06 92 06 78 57 92 17 92 38	245 1044 425 1350 4150	4	1 3 21 10 16	NOV		1 2 3		3333	VALLACE VALLACETON LAKE DRUMMOND VARRENTON 5 NE VARSAW 2 N	8833 8837 8886 8894	KING & QUEEN WASHINGTON NORFOLK FAUQUIER RICHMOND	14 2 26	37 44 36 39 36 37 38 45 37 59	77 01 82 08 76 26 77 44 76 45	40 1885 25 550 140	18	19 15 26 1	FEB JAN		1 2 3 2 1 2 3 1 2 3
	HOG ISLAND LITTLE MACHIPONGO HOLLAND 1 E HOLSTON HONAKER HONAKER 3 NE	4031 4044 4068 4078	NORTHAMPTON NANSEMOND WASHINGTON RUSSELL RUSSELL	2 37 4 36 14 36 10 37	7 28 6 41 6 50 7 01	75 41 76 47 82 05 81 59	5	19	10 19 17 16	-		1 2 3		333	VASHINGTON WB CITY DC VASHINGTON WB MATIONAL AP VASTERFORD VAVERLY HILLS VHITE GATE	8904 8906 8915 8938	LOUDOUN ARLINGTON GILES .	29 29 29 29	37 12	78 10 77 03 77 02 77 36 77 07 80 50	650 72 14 525 340	- 6 5	11 11 6 5			2 1 2 3 1 2 3 1 2 3 1 2 3
	HOPENELL HOT SPRINGS HUDDLESTON HURLEY INDEPENDENCE	4101 4128 4148 4185 4229	PRINCE GEORGE BATH BEDFORD BUCHANAN	16 37 15 38 35 37 42 37	7 18 8 00 7 10 7 26	77 18 79 50 79 29 62 02	40 2195 985 995 2530	59 58	64 60 2 5			1 2 3 1 2 3 2 2 2		3333	WHITETOP MOUNTAIN VILLIAMSBURG 2 NW VILLIAMSBURG VILLIAMSVILLE VINCHESTER 2 SSW	9094 9146 9151 9159	WASHINGTON JAMES CITY JAMES CITY BATH FREDERICK	23 16 16 5	36 38 37 17 37 16 38 12	80 50 81 36 76 45 76 42 79 34 78 11	5470 100 70 1700	56 1	51 6 11			1 2 3 1 2 3 2
_	INDIAN VALLEY JEWELL RIDGE JOHN H. KERR DAM JONESVILLE	4246 4404	FLOYD TAZEWELL	23 36 23 36 10 37 35 36 10 36	6 54 1 7 11 1 6 36 6 41 1	80 34 81 47 78 18 83 06	2700 2750 326 1525	1	11 17 17 1	NOV	JUNE	1 2 3	-11	W	OODSTOCK STOCK STO	9263 9271 9272	SHENANDOAH	38 3	8 52 6 47 5 43	78 30 80 17	875 1300 1490	53	59 2 1 78	JUNE	JUNE	123

1-APPOMAITOX; 2-AILANTIC; 3-BANNISTER; 4-BLACKWATER; 5-BULLPASTURE; 6-CALFPASTURE; 7-CATAWBA, 8-CHESAPEAKE; 9-CHICKAHOMINY, 10-CLINCH; 11-CRAIG; 12-CRAMESNES; 13-DAN, 14-HOLSTON; 15-JAKESON, 16-JAMES, 17-LEVISA FORK; 18-LITILE; 19-MATTAPONI; 20-MAURY; 21-MERRIN; 27-ANNESMON; 23-MEW; 24-MORTH ANNA; 25-MOTIONAY; 25-MO

CHANGE OF NAMES

† DELAPLANE † HONAKER 3 NE † URBANNA † WINCHESTER 2 SSW FORMERLY BRISTOL (NEAR) PRIOR TO MARCH FORMERLY DELAPLANE I N PRIOR TO OCTOBER FORMERLY HONAKER (NEAR) PRIOR TO NOVEMBER FORMERLY URBANNA WB CITY PRIOR TO JULY FORMERLY WINCHESTER RESEARCH LAB PRIOR TO DECEM

REFERENCE NOTES

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

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

 Also later date (dates) or months.

 * Amount included in following measurement.

 // Gage is equipped with windshield.

 B Adjusted to full month.

 E Water equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 If to 9 days' record missing; see monthly Climatological Data for detailed daily record.

 R Station equipped with a recording gage only.

 T Trace, an amount too small to measure.

 Venery subscription includes the Annual Summary.) Checks and mone:

Subscription Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, W shington 25, D. C.

W.R.P.C., Chattanooga, Tenn. --- 4/15/52 --- 1025