

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

MAURICE H.STANS, Servinary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

ENVIRONMENTAL DATA SERVICE

VIRGINIA

ANNUAL SUMMARY 1969 Volume 79 No. 13

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

	Jan	uary	Feb	ruary	Ма	rch	Ap	oril	м	ay	Ju	ne	Ju	ly	Auç	guet	Septe	mber	Octo	ber	Nove	mber	Decen	aber	Ann	ual
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
* * * TIDEWATER 01			_								<u> </u>	. =			T											
BOHANNON I NE Boykins Cape Henry WB City	36.2 36.0 38.2 37.6 38.1	- 5.0	39.7 37.7 40.8M 38.2 39.1	- 4.2	44.0 43.1 45.1 43.1 42.8M	- 4.8	58.2 59.1 60.4M		65.1 65.7 H		74.7 75.5 76.5 75.0		78.7 79.0 78.7 79.2		76.6 75.8 75.8H 75.4		71.6 70.2M 68.5		64.2 61.6 59.5M		50.5 48.8 48.4M		41.2 39.2 40.1H 41.0 43.7H	- 3.2	58.6 57.6M	
CHINCOTEAGUE WL REF COLONIAL BEACH DIAMOND SPRINGS FORT LEE FREDERICKSBURG NATL PK	35.2 36.3 37.1 34.1	- 7.4 - 3.0	37.7M 38.6 38.1 37.0	- 5.4 - 1.0	43.3	- 6.5	55.0M 58.5 57.3 58.2 58.8	- 1.8	63.3M 67.3 63.9 67.4 66.6		74.0 76.2 74.9 77.5 75.6M	- 2.4 8 2.3	79.1 79.2 78.0 77.8 77.7	1.5			69.0 69.3 70.0 68.7 68.7	8 - 3.2 4	51.7M 59.9 61.2 60.5 57.6	.5	53.7 48.7M 48.9 49.7 46.1	- 4.6 - 1.2	43.0N - 39.8 36.9 35.2	- 4.8 - 2.7	56.6M 57.3 57.5 56.2M	- 3.? 4
	36.8 37.3 37.9 34.6	- 4.2 - 3.6	39.4 40.1 39.5 36.3	- 2.6 - 2.5	44.2 45.7 44.5 41.6	- 3.6 - 3.8	58.3 61.8 59.0 57.2 59.7M	2.1	65.7 69.0 66.6 64.3 64.7M	- •6		1.0	78.2 79.3 79.7 78.1	.1	74.9 76.2 75.5 75.2	- 1.6 - 2.4	69.7 69.9H 67.6H 69.6	- 2.3 - 5.1	60.6 60.4 60.4	9 - 1.7		- 1.2 - 4.0		- 2.6	57.7 58.8M 56.6	- 1.3
PAINTER 2 W PARRAMDRE BEACH L B S	38.7 38.5 35.7 35.5M 33.8	- 2.7 - 2.7	40.4 39.8 37.1 36.4 37.6	- 1.8	42.Z 42.4	- 3.3 - 1.7	60.6 59.8 57.6 55.5M 57.8		67.9 67.4 64.1 63.8 66.3	1	77.5 77.1 74.6 75.2	1.5	79.6 79.2 78.0 79.2 78.8	1.5	77.2 76.2 74.8 76.7	- 1.3	72.0 71.1 68.9 72.9	- 1.5	62.7 62.2 59.9 60.7 57.6	7	49.9 49.1 48.2 48.8 46.5	- 2.3	41.1 40.9 39.0 39.4N	- 1.6	59.5 58.8 56.7 57.2M	9
SUNNYBANK	36.5 37.0 34.8 39.7 36.0		39.3 39.2 36.3 40.7 37.8		44.5 44.5 42.3 42.6 44.4		60.7 59.1 57.1 59.5 59.5H		65.4 66.5 65.1 69.3 66.1M		75.0 76.2 75.7 76.2 76.0		76.6 78.3 78.1 77.9 79.0		71.7M 75.7 75.4 76.7		65.1 69.7 69.9 75.0 69.8M		56.9 60.8 60.9 63.4 61.2M		46.9 48.1 48.6 49.2 49.0		38.3 39.5 38.1 43.2 38.5M		56.4M 57.9 56.9 59.5M	
WAKEFIELD 1 NW WALKERTON 2 NW WALLOPS ISLAND WB WARSAN 2 NW WEST POINT 2 SW	34.6 34.0 34.9 34.9		37.5 35.6 36.8 37.4		42.7 39.2 43.0 42.4		58.9 53.4 58.4 59.6		66.1 65.8 61.9 65.7 66.2		75.9 75.6 72.7 75.4 75.7		77.8 78.2 77.2 77.8 78.5		74.9 74.5 74.8 74.4 74.6		68.3 69.4 68.3 68.7		59.5 58.1 59.3 58.2 58.7		46.9 46.5 46.5 47.0 46.6		37.5 36.3 37.2 35.9 36.7		56.4 55.1 56.3 56.7	
WILLIAMSBURG Z N DIVISION * * * * EASTERN PIEDMONT 02	36.4	- 3.9	38.2 38.3	- 2.8	43.4	- 4.2	59.4 58.4	1.2	65.8	8	75•7 75•7	1.1	78.5 78.3	.2	75.0	- 1.6	69.6	- 1.7	60.4	4	48.5 48.5	- 2.0	39.2	- 2,1	57.4 57.4	- 1.4
AMELIA COURT HOUSE ASHLAND 1 SW BLACKSTONE FAA AP	32.1 35.1 35.9 31.7	- 6.0	35.9 37.6H 39.2H 36.9	- 1.9	41.5M 43.5 45.0M 40.9	- 4.9	57.6 59.5 61.5 57.5H	1.2	64.4 66.7 67.9M 64.6M	- 1.3	74.0 75.3 M 74.0H	.1	76.41 78.1 80.0 77.3	2	73.4 74.6 76.1 73.6	t - 2.3	56.8 58.4 70.1 67.0M	- 2.4	56.5 59.2 60.4M 56.5	- 1.6	44.4P 47.7 48.3 45.9	- 1.3	34.0M 37.6 39.9 34.2	- 4.1	54.8M 56.9H 55.0M	- 2.1
FARMVILLE 2 N John H Kerr Dam Lawrenceville 5 W	31.2 34.1 31.3 35.8 32.8	- 5.3	35.3 37.4 36.4 38.5 36.9	- 3.3	40.5 43.4 41.2 43.7 41.9	- 3.6	56.8 59.8 57.7 59.9 58.0	2.6	64.2 66.2 65.5 65.9 65.6	•3	73.6 74.5 76.2 75.1 73.4	.7	76.9 77.5 79.3 77.9 76.0		73.1 73.5 73.3 73.9 72.6	- 2.4	56.9 56.7 56.7 67.8 56.0	- 2.9	56.0 57.8 57.4 59.3 55.7	9	44.4 46.3 45.4M 47.1 44.7	- 1.6	33.7 35.8 37.0M 37.8 33.7	- 3.5	54.4 56.1 55.6M 56.9 54.8	- 1.7
PARTLON 3 WNW POWHATAN 5 SW RICHHOND WB AP	33.8 31.6 33.1M 33.9	- 4.8	37.8 36.0 37.5 36.8	- 1.9	40.2H 42.0H 42.3	- 5.4	56.8 58.0 57.6	2.9	65.5 64.4 65.5 65.5	- 1.5	73.7 73.5 75.0 75.7	.6	76.5 75.9 77.8 78.3	.5	73.2 71.9 75.1 73.7	- 1.2	66.6 64.4 68.1	- 1.8 - 2.1	57.8 53.5 - 58.5	2 - 1.3	47.5 42.0 46.8 45.9	- ·2 - 1.7 - 2.2	35.8 31.5 35.5	- 3.2 - 4.2 - 3.7	55.9 53.5H 56.2 55.7	- 1.9
DIVISION * * * WESTERN PIEDMONT 03	33.3	- 5.5	37.1	- 2.8	42.3	- 4.3	58.5	1.6	65.5	0	74,5	.6	,,,,		'3.'	2.2	01	- •••]′′′	- 15	43.7	- 22	35.5	- 3.7	,,,	
APPOMATTOX 3 W BEDFORD	30.5 32.7 32.4 32.5 32.9	- 4.7	35.1 37.8 36.2 36.8	- 2.2	40.2 42.8 42.9 42.3	- 2.4	55.7 57.9 58.2 58.7 57.9	2.1	63.4 65.6 66.6 66.5M	•3	71.7 71.4 74.1 73.4 73.3N	3	74.9 74.5 76.3 76.6 76.4	7	70.7 69.9 73.6 74.1 74.1	- 1.9	64.7 63.3 67.5 68.1	- 1.8	54.1 55.1 56.9 58.9	6	43.2 46.6 46.5 47.1 46.4M	- 1.2	36.8M 35.5 34.9 35.4M	- 3.8	55.8 55.8M	- 1.>
HALIFAX Z SSE LYNCHBURG WB AIRPORT	33.3 34.5 33.6 32.2 34.7	- 5.9 - 6.6 - 5.4	38.3 40.0 38.8 36.4 38.2	- 2.1 - 2.2 - 2.5	43.0	- 4.7 - 5.7 - 4.8	58.0 58.0	- 1.2 .9	65.3 65.8 65.3 65.4 65.7	9 - 2.2 -1	73.4 75.4 74.7 72.3 74.2	5 3 7	77.5 77.1 78.3 76.2 77.7	- 1.4 1	73.4 75.0 74.5 72.8 72.7	- 2.1 - 2.4 - 2.0	67.0 68.7 67.8 65.9 66.6	- 2.6 - 2.7 - 2.8	56.7 58.3 57.3 56.0 57.0	- 2.2 - 2.2 - 2.2	45.4 45.9 46.0 44.4 44.7	- 2.4 - 3.5 - 2.6	35.5 36.7 35.7 34.0 35.8	- 3.9 - 4.3 - 4.5	55.5 56.5 56.0 54.5 55.7	- 2.1 - 2.9 - 2.2
STUART 1 SSE TYE RIVER 1 SE	33.8 32.3 32.3	- 6.4	38.1 37.0 37.2 37.3	- 2.6	41.1 40.2 43.1 41.4	- 5.6	56.6 55.3 58.9 58.4M		64.7 63.4 67.9 65.7	- 1.5	74.6	5	75.1 75.3 77.7 76.9	4	72.5 71.6 73.2 73.7 73.0	- 2.8	65.6M	- 2.6	56.5 55.1 57.8 57.3	- 3.1	44.4 44.0 45.6 45.9	- 3.3	35.5	- 5.2	Ξ	- 2.8
* * * NORTHERN 04	32.7	- 6.1	91.0		71.7	- "."	,	••	03.5	"	1,543		'				00,4				17.17		33.4		3312	.,,
ALEXANDRIA CITY GARAGE BERRYVILLE BIG MEADOWS CULPEPER	31.9 30.1 25.0M 32.0 32.2	- 4.8	35.2 33.1 24.4 34.3M 35.5	- 3.6	40.8 39.7 30.8 42.3M 41.1M	- 3.2	56.5 55.8 48.0 57.7M 57.3M	1.6	64.8 63.5 57.0 66.0 63.8M	.5	74.7 72.5 64.4 74.1M 72.6M	.8	78.0 75.4 67.3 76.5 75.7N	4	74.4 71.5 64.2 73.7 72.3	- 1.4	68.3 65.6 58.3 66.6 65.7M	- 2.4	56.4 53.7 48.8 55.9 55.6M	- 2.3	45.2 41.7 35.3 44.1 44.6	- 2.9	34.4 31.1 24.5 33.4	- 4.0	53.1 52.8 45.7M 54.7M 54.2M	- 1.9
LURAY 5 E MANASSAS	32.0 30.1M 27.8 31.8 24.7	- 5.6	34.6 34.5 32.5 35.2 27.8	- 2.2 - 3.3	41.0 41.0 38.1 41.0 34.8		57.1 57.4 54.5 57.3 52.5		66.0 65.4M 62.7 66.3 61.4	1.6	70.6	.7	77.0 77.3 73.9 76.8µ 71.3	- 1.2	74.1 74.0 70.5 73.1 69.9	- 2.0	67.9 67.4 64.5 67.6 63.5	- 1.6 - 1.1	56.3 56.3 52.9 57.4 51.9	- 2.0 - 2.1	44.5 44.1 41.3 45.8 39.8	- 2.9	30.5	- 3.0 - 5.3	54.9 54.6M 51.7 55.0M 49.5	- 1.7
WARRENTON 3 SE Washington Wash DC-Dulles wb ap	30.8 29.1M 26.9 29.4 34.2	- 2-7	35.5 34.1 32.0 32.2 36.9	9	41.3 40.6M 36.7M 38.7 43.0		56.8 56.0M 52.5 55.3 58.7	3.0	64.4 64.0M 62.1M 64.3 68.4	2.6	72.9 72.2M 71.3 73.6 77.1	2.9	76.1p 75.6H 74.5 77.8 79.5	1.3	73.3 72.8 71.2 71.9 76.3	2	66.8 66.4M 64.6 65.3 70.1	.4	55.8 55.5 52.3 52.8 58.8	2	44.5 44.5 43.5 41.9 47.2	5	33.1 33.3 34.6 31.0 36.3	- 1.8	54.3M 53.7M 51.9M 52.9 57.2	.2
WOODSTOCK	32.6 30.4 31.5 30.1	- 4.5 - 4.4 - 4.7	35.3 33.5 34.9 33.4	- 2.6 - 2.0 - 2.3	42.2 40.1 41.3 39.7	- 2.9 - 2.3 - 3.0	58.6 56.8 56.5	2.1	66.4h 65.5 65.1 64.3	1.2	73,2	1.8	76.9 75.2 76.0M	9 .8		- 2.2 - 1.4 - 1.4	68.0 66.2 66.0M	- 1.6 - 1.0 - 1.2		- 2.8 - 1.3 - 1.8		- 3.5 - 2.7 - 2.2	l i	- 4.7 - 3.4 - 3.4	55.5H 53.5 54.0M	1.7
CENTRAL MOUNTAIN 05																			}							
COVINGTON FILT PLANT DALE ENTERPRISE	34.0 31.5 32.1 30.0 26.8	- 4.9 - 5.0 - 5.8	38.0 34.5M 35.7 32.8 31.1	- 2.7 - 3.2 - 2.5	42.4 39.4 39.7 38.9 33.9	- 3.8 - 3.9 - 3.3 - 6.2	56.8 57.2 55.2 52.5	2.7 2.4 1.6	66.6 63.9 64.5 63.5 60.4	1.1	73.8 71.0 71.7 72.9 68.2 72.1	3.0 1.0	77.0 73.6 75.6 74.3 71.9	.6 .9 1.6	71.9 70.8 68.2	- 1.0	64.0 65.3 64.8 61.6	- 1.2	55.5 55.6 53.9 51.3	- 1.3 - 1.0 - 1.8 - 1.3	43.2 43.2 42.0 40.6	- 1.0	33.5 30.3	- 5.5 - 4.0	-	1.3

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA 1769

	Janu	ary	Feb	ruary	Mai	rch	Ap	ril	M	ay	Ju	10	Ju	у	Aug	just	Septe	ar per	Octo	ber	Nove	mber	Decer	nber	Ann	ual
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Тетрегаtиге	Departure	Тетрегаtиге	Departure	Тепрегаtиге	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
MONTEREY PEAKS OF OTTER ROANDKE WA AIRPORT STAUNTON SEWAGE PLANT TIMBERVILLE 3 E	23.8M 27.5M 32.3 -		28.0 31.0 37.2 32.8 33.6		32.0 36.3 40.7 37.7 38.8	- 4.8 - 4.9			57.6 61.1 65.0 62.3 64.2	7 - 1.0		3	69.1 72.8 76.0 74.2 74.9	6 3		- 1.9 - 1.9	59.7 61.4 66.7 63.6 65.6		52.5 56.6 53.0 53.8	- 1.6 - 3.3	38.3 40.4 44.5 41.1 42.2	- 2.2 - 4.3		- 4.B	50.0M 54.7 52.9	- 2.
DIAIZION	30.1	- 5.	33.7	- 3.3	38.3	- 5.0	55.1	1.2	63.1	.0	70.7	• 2	74.1	.2	70.6	- 1.9	54.2	- 2.2	54.4	- 1.7	42.1	- 2.9	30.6	- 5.9	52,3	- 2.
* * * SOUTHWESTERN MOUNTAIN 06																										
BLACKSBURG 3 SE BRISTOL BURKES GARDEN CHILHOWIE 1 S FLOYD 2 NE	28.3M M 29.4 30.3M 31.0	- 3.1	30.7 33.1 29.8 33.2 33.5	- 4.5	34.4 39.0 32.9M 37.1M 36.5		51.2 57.1 51.0 53.4 52.3	1.3	58.8 62.9M 57.7M 59.9 60.3		68.0 70.2M 66.6 68.7 68.0M	1.7	72.5 - 69.9 72.8 72.0		68.2 65.7 69.21 67.2		58.98 62.2 61.68		50.4 50.6 51.2 52.0M	İ	40.5 37.2M 38.9 40.3	- 3.4	29.1H 27.7H 30.4 30.6	i	49.5M 48.1H 50.6H 50.4M	- 2.
GALAX RADIO WBOB GLEN LYN GRUNDY MARION EVAP STATION PENNINGTON GAP	32.0 33.1 37.1M 31.3 33.5	- 2.	34.0 36.1 38.8 34.2 37.2	4	37.7 39.0 42.3 37.5 39.6	- 4.0	53.9 57.9 60.3M 54.7 57.9	4.0	60.5 65.6 69.4 61.3 63.8	.7	69:0 73:2M 76:6 69:1 71:0	. :	72.1 76.7 79.8 72.3 76.1	2.4	68.5 72.41 77.0 68.3 72.3	:	63.01 65.71 69.9 61.9 66.1		53.9 57.3M 56.3 52.6 56.5		41.4 40.2 38.8 41.2	- 2.6	31.9 33.9 31.6 34.2	- 2.6	51.5H 56.8M 51.1 54.1	
PULASKI 2 E ROCKY KNOB ST PAUL	33.0 30.3M		34.6 30.4 35.5		38.3 35.6M		55.2 53.9 58.1		62.4 61.6 64.8		70.9 68.1M		74.1 70.3 76.7		69.6 64.5 72.4		69.0		53.6 53.4		41.4		32.2 29.0		52.4 49.8M	
SALTVILLE 1 N WISE 1 SE	34.5M 32.2 31.4		36.1	- 1.6	39.3 35.8	- 4.4		1.3	64.6	-4	72,9	1.1	76.8 71.5	2.1	72.7 67.5	9	61.2	- 1.0	56.5 53.6	:	42.1 39.4	- 2.7	33.1 30.8	- 3.7	54+1 50+6	ļ 1.
WYTHEVILLE 1 S	30.3	- 5.	33.2	- 3.9	35.9	- 7.0	52.9	1	61.6	-0	68.5	4	72,2	.3	68.3	- 2.5	62.1	- 2.9	52.6	- 2.4	39.3	- 4.7	30.0	- 6.3	50.6M	- 3.
DIVISION	31.8	- 3.	33.9	- 2.9	37.5	- 5.2	55.0	1.8	62.2	.2	70.1		73.7	1.4	69.5	- 1.1	63.2	- 2.	53.6	- 1.6	40.0	- 3.7	31.1	- 4.9	51.8	- 1.

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER WAS PUBLISHED IN ALL 1969 MONTHLY ISSUES OF THIS BULLETIN EXCEPT FOR FEBRUARY, APRIL, JUNE, SEPTEMBER, OCTOBER, AND NOVEMBER.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Table 2	,		TO	LAI	. PK	EC	IPI.	IAI	TOI	A <i>V</i>	עמ	DE.	PAR	ΧΙ.	KE	Sr.	KOI	AT 1./	OR	MA	L			i ·	969	
	Jan	nary	Febr	uary	Ma	rch	Ar	ril	м	ay	Jui	ne	Jul	у	Aug	ust	Septer	nber	Octo	ber	Nove	mber	Decen	nber	Ann	ual .
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
* * * * TIDEWATER D1											·						-									
BACK BAY WL REF BOHANNON 1 NE BOYKINS Cape Henry WB CITY R CHERITON	2.86 2.59 2.30 1.19 2.63	1.79	2.47 3.39 3.18 1.31 2.82	- 1.94	6.22 4.38 6.03 3.00 3.74	36	2.86 3.23 2.21 - 1.78		1.52 1.18 2.81 -		3.15 2.99 3.73 4.44		7.70 4.90 8.95		6.18 7.78 9.94 4.72		4.34 5.68 3.34 2.90	ļ	1.49		3.81 2.12 2.55		4.03 4.90 4.52 4.65 5.44	. 1	46.03 44.27 51.45	
CHINCDTEAGUE WL REF COLONIAL BEACM DIAMOND SPRINGS DRIVER 4 NE EMPORIA 1 WNW	2.87 E 2.81 2.93 3.61 3.15		2.56 2.88 2.51 2.79 4.55	45 .94	4,98 2,74 4,95 5,56 3,40	1.02 1.02	3.00 4.03 2.26 2.29 2.03		.95 4.30 2.18 3.01 3.31	1.48	1.97 1.78 3.95 6.81 3.61	1.45 •16	6.30 7.97 12.01 5.18 12.14	3.42 5.82 5.96	7.42	2.07 .84	3.51 3.05 3.00 2.93	- 2.02 - 1.43 - 1.06	1.95 1.39 3.73 2.94 1.84	.56	3.09 1.58 3.02 2.76 2.40		4.73 E 2.69	1.39	52.36	3.82
FORT LEE FREDERICKSBURG NATL PK HOLLAND 1 E HOPEWELL LANGLEY AIR FORCE BASE	1.86 2.07 3.39 2.92 3.15	· 1.13	2.53 2.54 2.59 4.37 3.79	.16 1.61 .77	3.90 3.44 5.75 3.96 4.61	.16 .80 1.19	3.18 1.02 2.66 2.33 3.03	- 1	2.91 4.03 2.94 3.39 1.88	.47 .58 1.60	4.36 3.69 4.55 4.28 5.08	.35 .05 1.98	8.00 8.16 11.25 4.88- 7.75	3.27 98 2.42	3.85 6.50 3.87	2.48 1.40 1.26	3.57 3.09 3.43 3.57 3.29	16	3,55 1,18 2,69 2,38 1,41	- 2.17 50 - 1.46	1.96 2.25 2.67 2.09 2.61	71 18	4.83	2.62	45.33	2.39
MASSAMADOX NELSONIA NEWPORT NEWS PRESS BLD NORFOLK WB AIRPORT PAINTER 2 W	2.50 3.13 2.26 3.07	- 1.07	3.02 2.89 2.16 3.43	- 1.05	5.15 4.88 4.94	1.43	2.59 2.21 2.07 3.62	- 1,09	1.96 .74 2.02 2.05 1.85	- 1.31	1.68 7.64 5.52 4.13 1.71	.52	5.42 3.35 7.54 12.70 5.47	6.78	5.38 5.28 7.25	69	7.32 2.72 2.77	- 1.50	2.01 3.18 1.94	.26	2.09 2.47 2.97 2.09	08	6.41 4.65 3.93 6.43	1.19	50.29 48.33 44.51	3.39
PARRAMDRE BEACH L B S QUANTICO IS STONY CREEK 4 SH SUFFOLK LAKE KILBY SUNNYBANK	2.73 2.58 2.87 3.51 2.38	.58	4,78 2.61 4.32	,24	2.98 5.00 6.59 2.65	24	1.39 1.32 2.77 2.90 2.97	- 1.76	1.57 3.08 4.09 1.03	1.90	1.30 - 6.65 4.53 2.17		4.40 4.55 7.70 6.20 7.22	03	5.10 6.48 4.90 9.65		3.64 4.29 1.35		1.48 1.37 2.74 1.33		1.64 2.22 1.97 2.75 1.76		4.64 5.00 6.75		50.45 50.11 43.58	
TANGIER ISLAND URBANNA WAKEFIELD 1 NW WALKERTON 2 NW WALLACETON LK DRUMMOND	1.57 3.27 8 3.21 2.23 3.54	•00	1.53 4.16 E 3.79 3.50 2.08	- 1.57	3.17 E 5.06 3.12 7.41	3.46	.80 1.58 2.70 3.56 2.61	- 1.15	.40 .97 2.98 5.15 2.49	- 1.49	.50 2.47 4.70 5.53 7.78	3,29	3.45 7.82 7.38 5.63 7.00	.27	8.05 E 7.94 9.49 7.72 5.92	.00	2.13 2.92 5,98 5,35	.98	1.49 1.49 1.49 6.07		1.30 1.63 2.19 1.91 2.48	.97	2.15 5.40 4.58 5.74 4.02	.74	E 23.55 E 42.03 E 50.35 51.56 56.85	5
WALLOPS ISLAND WB WARSAW 2 NW WEST POINT 2 SW WILLIAMSBURG 2 N	1.82 3.28 2.64 3.21		3.55 3.02 3.61 3.06		3.97 3.15 2.96 4.37		2.14 3.52 2.39 3.50		1.16 4.35 1.69 2.28		1.81 2.18 3.75 5.05		4.76 5.75 9.22 4.74		4.89 11.25 5.39 9.55		1,62 3,59 3,10 4,69		1.87 1.28 1.41 1.40		2.78 1.63 1.85 2.24	ł	6.14 6.25 4.96 4.43		36.31 49.26 43.98 48.58	N .
DIVISION	2.66	.71	3,07	.05	4,23	.70	2.54	69	2.26-	1.35	3.63	.06	6.61	1.40	6.89	1.52	3.26	62	1.81	- 1.25	2.25	73	5.17	2.33	44.58	.71
EASTERN PIEDMONT 02 AMELIA COURT HOUSE ASHLAND 1 SW BLACKSTONE FAA AP BREND BLUFF BUCKINGHAM	2.94 2.16 2.26 2.09		3.77 3.77 2.48 2.31		E 4.22 5.18 3.31 4.29		2.30 3.42 1.36		2.49 2.00 3.63		5.30 3.18 5.21 3.84	-	6.97 8.22 8.21 9.63	- ;	7.72 5.07 6.98		2.37 2.36 1.13 2.20		1.50 1.26 .85		1.46 1.39 .88	i	- 6.03 5.00 E 5.77 E 5.75		E 47.07 43.00 E 42.27 E 42.38) 1
CHASE CITY CLARKSVILLE COLUMBIA CORBIN FARMVILLE 2 N	3.75 2.95 2.31 2.56	71 93 - 1.83	E 2,57	.34 35 79	3.75 4.72	.82 - 1.02	2.70 3.16 1.58 2.56 1.53	65 - 1.91 - 2.11	2.00 1.90 2.34 1.93	1.45	2.98	- 2.17 28	3.25 5.15 7.10 5.09 6.80	.21 2.47 1.98	1.70	90 2.79 - 2.15	3.00		1.40	64 - 1.89	.50	2.45	4.35	1.15	E 31.95	5.49 3.87
GORDÓNSVILLE 3 S JUHN H KERR DAM LAWRENCEVILLE 5 W LOUISA NEW CANTON	2.42 2.52 2.77 2.68 2.14	- 1.46	3.28 3.71 4.53 2.60 2.44	43	3,39 4,16 4,37 4,16 4,40	45	1.94 3.00 3.27 1.38 1.50	- 2.18	2.69 1.80 2.42 1.82 3.38	.38	6.22 2.59 4.52 5.54 5.75	2.49	11.86 6.57 4.89 5.90 7.13	2.56	9.95 2.90 5.25 16.33 6.41	1.89	3.16 5.48 4.05 2.57 1.06	- 2.50	1.72 2.85 1.35 1.07		1.44 1.13 1.80 1.60		E 6.67 3.91 4.27 7.20 6.05	2.74	E 54.74 40.62 43.49 52.8! 42.12	
PALMYRA 1 E PARTLOW 3 MNH POWHATAN 5 SW RICHMOND WB AP STATE FARM	1.78 2.70 1.90 2.04 2.80		2.13 E 4.12 2.67 3.95 2.73	1.05	3.24 E 4.05 4.41 3.95 4.40	.53	1.29 1.70 1.87 2.60 2.02	55	3.11 2.20 2.13 3.32 3.50	40	7.46 5.25 3.21 4.36 5.87	•61	9.64 6.50 7.69 13.90 10.28	B.27	11.45 10.30 9.31 7.28	3.77	1.40 3.75 3.89 1.34	.24	1.88 1.21	- 1.12	1.08 2.75	- 1.17	6.54 8.15 5.26 E 5.72	2.29	50.03 E 52.71 56.33 E 48.53	12.12
DIVISION	2.50	- 1.01	3,22	.25	4.09	.38	2.26	- 1.27	2.28	- 1,41	4.03	.36	6.92	2.83	6.92	2.13	2.79	85	1.37	- 1.55	2.45	- 1.55	5.75	2.66	43.57	03
WESTERN PIEDMONT 03	2.30		2.79		4,65		1.62		2.26		5.06		7.48		2 49		2.92								39.97	
APPOMATTOX 3 W BEDFORD BROOKNEAL CHARLOTTE COURT HOUSE	1.99 2.72 2.76 2.55	74	2.30 E 2.63 2.60 2.79	29	4.63 E 4.05 4.18 4.92	-	2.12 2.29 2.02 1.52	ļ	1.96 E 1.91 3.29 2.18	• 2.17	3.71 4.00 3.99 2.91		4.52		4.16 3.10	.71	1,77 3,03 3,57 2,77	41	2.37 2.16	- 1.33	1.29	- 1.63	5.54 6.03 5.24 4.84	2.61	23.59 E 41.48 37.46 34.63	- 3.39
CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W CHATHAM 2 NE CONCORD 5 S DANVILLE-BRIDGE ST	2.28 1.90	- 1.36	2.91 1.44 2.96 2.61 2.63		3.54 4.53 4.93 4.29	. 45 .73	1.84 1.57 2.18 2.16 2.80	- 1.38	5.13 2.58 2.04 2.48	1.09	7.79 3.95 3.92 2.34 5.62	3.81 .13 1,98	6.90 6.01 3.18 4.09	3.82 1.63	9.52 9.27 2.09 3.79 2.04	4,82 2,41 2,21	2,97 3,46 2,39 3,24	64	1.22 1.08 2.98 .66 2.70	.10 17	2.45 2.23 1.85 1.59 1.53	- 1.08	5.71 4.85	3.36 1.68 1.58	39.05 33.06 38.17	- 3.81
FREE UNION HALIFAX 2 SSE HOLOMBS ROCK HUDDLESTON 2 SW LYNCHBURG WB AIRPORT R	3.76 2.73 2.35 2.19 2.30	99	1.98 3.33 2.09 2.59 2.56	09	3,55 4.09 4.15 4.47 4.32	.71	1.96 1.93 2.84 1.80 2.21	93	5.48 4.19 2.88 1.79 2.37	.84	4.25 4.85 3.56 5.35 3.27	79	7.79 5.09 3.16 3.55 4.06	15		- 1.38		- 1.07	1.43 1.01 1.44 .87			- 1.34	6.21 5.37	2.23		6.41
MARTINSVILLE FILT PL MEADDWS DF DAN 5 SW MONTEBELLO 3 NE PEDLAR DAM PHILPOT DAM 2	1.72 E 1.66 2.21 2.87 2.02		2.82 E 3.33 2.41 2.33 3.30		4.21 5.63 3.90 3.42 4.45		2.91 3.87 2.14 2.40 2.05		3.21 5.01 3.90 4.32 3.63		6.62 8.15 7.34 6.11 9.71		6.46 9.70 7.21 4.98 6.86		3.81 7.18 7.25 9.58 5.25		3,63 3,83 4,92 3,19 3,93		1.64 2.52 2.69 2.47 1.51		1.02 3.31 4.42 1.59 2.10		5.57 6.42 6.72 5.54 5.95		43.62 E 60.61 E 55.11 48.80 50.76	
RANDOLPH RDCKFISH RDCKY MOUNT STUART 1 SSE TYE RIVER 1 SE	2.66 2.56 1.84 E 1.87 2.11		3.13 2.45 2.84 6.82 1.92		3.86- 4.25 4.70 4.77 4.89	. 02 .86	1.64 2.84 1.45 3.61 2.42		2.42 1.89 4.24 1.98 3.45	- 1.68 -11	4.01 5.53 5.16 7.95 4.36	.41 1.33	2.56- 9.91 6.19 2.40 10.07	1.70	4.98 6.83	· 2.18	3,57 1,76 4,65 5,53 2,12	90 .59	1.08	- 1.77	1.22 1.86 1.79 2.26	89	E 6.76 5.46 E 5.21 E 5.50	2.36	E 56.35 46.56 E 48.55 E 45.72	ş
WOOLWINE 4 5	2.11		3.53		5.64		2.58		2.93		5.98		6.99		5.57		5,14	l	2,12		3,97		6.01		52.57	
DIVISION * *	2.19	- 1.23	2,95	09	4.35	.41	2.21	- 1.47	3.17	79	5.27	1.19	5.85	1.03	4.89	.26	3.22	65	1.51	- 1.60	1.58	- 1.33	5.50	2.16	42.69	- 2.29
NORTHERN 04 ALEXANDRIA CITY GARAGE AMISSVILLE BERRYVILLE BIG MEADUMS CULPEPER	2.09 2.08 1.50 3.90 2.19	- ,84	2.53 1.12 .96 1.03 2.11	} • • • • •	2.05 2.49 1.75 3.06 2.50	88	1.63 1.41 3.45 1.46 1.63	- 1.81	2.05 2.11 1.66 2.97 2.09	- 2.01	3.02 6.36 3.07 4.08 3.95	•27	6.68 7.94 4.04 3.98 11.42	6.62	6.11 4.63 5.80 4.72 3.68	70	6.60 4.91 2.11 5.48 3.79	,17	1.33 1.45 1.48 1.64 1.22		2.81 2.55 2.49 5.69 2.29		7.11 4.44 E 4.50 6.63 3.56	,69	44.01 41.49 32.81 44.04 40.03	

VIRGINIA 1969

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Table 2-Continued

			Febr		Maz	ah.		-0	,,									, 1				, 1		. 1		
	Janu	LeTy.	-	mer A			Apı	ru	g M	ay	Jun	ie	Jul	У	Aug	ust	Septem	Der	Octo	De1	Noven	aber	Decem	per	Ann	
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
ELKWOOD 6 SE FALLS CHURCH 2 SW GROVETON LINCOLN LURAY 5 E	1.51 2.40 2.13 1.76- 5.13	1.27	2.24 2.43 2.29 1.80	.94	2.75 2.03 2.10 2.43 2.03	1.35	1.14 1.47 1.34 1.87	1.66	2.76 1.80 2.03 2.33 1.50	- 1.83	5.69 4.81 1.99 3.36 4.17	.23	6.15 9.71 5.30 6.87 6.21	2.61	4.20 4.67 4.87 3.78 4.99	. 96	1.44 4.07 3.52 2.38 4.62	.95	1.34 1.18 1.30 1.05	2.42	2.00 2.85 2.81 2.74 3.28	- ,14	6.57 6.79 4.67 4.40 5.41	1.28	37.79 44.21 34.35 34.77 40.47	
MANASSAS MOUNT WEATHER PIEDMONT FIELD STATION RAPIDAN RIVERTON	1.95 1.87- 2.02 2.85 2.15-	. 80	.97 1.22 2.02 2.07 .55	- 1	2.28 3.31 3.55 2.30	.98	.94 2.18- 1.28 1.23 1.66-		.30 1.87 2.09 2.02 1.08		2.52 2.74- 4.19 4.80 4.98	.82 1.77	3.55 5.30 5.69 5.08 6.70	1.47 3.32	4.25 4.15 4.63 4.77 6.04	2.28	4.45 2.96 4.22 2.24 5.44	.81 2.58	.80 2.26- 1.43 1.30 1.07-		1.48 3.32 2.08 1.82 3.27	.43 .90	3.69 4.53 6.13 6.68 6.79	1.90	25.85 34.68 39.09 38.41 42.03	- 6.05
SOMERSET THE PLAIMS 2 NNE VIENNA DUNN LORING WARRENTON 3 SE WASHINGTON	2.05 2.27 2.17 2.14 1.61		2.03 1.44 2.29 1.89 1.28		2.92 2.19 2.27 2.69 1.83		1.51 1.25 1.75 1.44 1.52		3.04 1.18 1.72 1.06 1.79		6.70 2.10 6.01 5.43 5.32		8.10 3.23 10.82 4.15 7.37		4.54 4.05 5.98 3.16 3.58		3.71 6.08 3.06 5.61 6.12		1.10 .83 1.14 1.11 1.88		1.62 2.91 2.74 2.33 3.62		5.47 5.39 6.67 4.61 5.24	E	42.79 32.92 46.62 35.62 41.16	
WASH DC-BULLES WB AP WASHINGTON WB NAT AP R WAVERLY HILLS WINCHESTER 1 N WOODSTOCK	2.07 1.69- 2.13 1.28- 1.62-	1.11	1.69 2.08- 2.57 1.04-	.39 1.08	2.04 1.60 2.59 1.94	1.22	1.34 1.71- 1.82 3.15 2.09-	1.44 .04	.99 1.20 1.90 1.37	2.73	5.55 3.46 6.53 4.71 1.81	.25 1.01 2.02	4.90 9.44 9.89 5.96 4.70	5.29 1.72 .90	5.07 6.98 6.40 5.44 5.72	2.08 1.28 1.40	4.89 5.07 2.69 2.04 2.92	1.24 .93	.85 1.14- 1.46 1.16-	1.93 2.29 2.14	2.11 2.39 2.99 2.51	08	6.74 6.54 7.27 4.56 4.16	3.76 2.08 1.94	38.24 43.30 48.24 35.16 28.92	- 3.31
DIVISION	2.16	55	1.64	. 71	2.18	1.19	1.77	1.56	1.73	- 2.40	4.13	.46	5.45	2.14	4.85	.29	3.97	.54	1.27-	2.18	2.69	14	5.47	2.67	38.31	- 2.73
* * * CENTRAL MOUNTAIN 05														i							İ					
BUCHANAN BUENA VISTA CATAWBA SANATORIUM CLIFTON FORGE COOTES STORE	2.32- 2.04 1.83- 1.70- 1.25	- 1.30	2.44 2.03 3.08 2.43 1.27	.18 .42	2.60 2.60 3.06 2.48	. 1.21 55 . 1.44	1.83- 1.58 1.26- 1.62-	2.12	1.73 2.61 1.57 2.86	· 2.31 · 2.45 · 1.12	5.22 4.44 5.46 5.40 5.17	.90 1.44 1.75	7.65 4.88 6.30 3.89	3.24 1.74 01	7.67 4.98 13.67 5.38	3.00 .47 9.30	1.79- 2.87- 2.01- 5.52	.01	1.48- 1.37- 1.53-	1.80	1.35- 1.45 2.72 1.66- 2.17	.13	5.49 4.88 4.05	2.56	41.94 39.99 44.19 37.81	- 2.51 3.45
COVINGTON COVINGTON FILT PLANT CRAIGSVILLE DALE ENTERPRISE DEERFIELD 1 S	1.14 1.57 1.42 1.08-	- 1.08	1.75 1.63 1.88 1.36	.59	1.90 1.95 2.07 1.23	1.64	1.28 1.60 1.51 1.63	.96	1.36 1.67 1.81 1.95	- 2.05	4.48 4.62 3.77 3.08 3.34	•71	3.98 5.63 4.01 13.06 7.03	8.49	7.72 8.70 9.00 5.04 6.11	.73	1.99 2.24 2.34 6.27 2.44	3.13	.56 .68 1.71 1.14	1.49	1.12 1.45 1.29 1.79		4.88 4.73 6.12 3.67 6.14	1.44	32.16 36.47 36.43 41.30 36.76	1
GLASGOW 1 SE GOSHEN HOT SPRINGS KERRS CREEK 1 WSW LEXINGTON	2.86 1.29 2.36- 1.54 1.59-	· .65	2.46 1.82 2.13 2.87 2.48	.71	4.23 2.09 2.58 2.52 2.32	1.35	1.83 1.26 1.51- 1.70 1.68-	- 1	3.25 2.61 2.39 2.62 1.27	- 1.28 - 2.28	3.52 3.59 3.70 5.67 3.46	•47	3.94 4.94 5.15 7.00 6.29	.97 2.11	11.15 10.98 8.68 10.88 9.53	4.03 5.50	4.05 2.70 2.44- 3.08 1.84-	.78 1.55	3.32 1.51 1.20 1.62 1.43	1.74	2.59 2.27 2.33 2.32 .96	44	5.29 5.58 5.58 5.29 5.04	2.70	48.49 40.64 40.05 47.11 37.69	- 1.33
MC DOWELL MONTEREY NEW CASTLE NORTH RIVER DAM PEAKS OF DITER	1.86 1.41 1.64 1.44- 3.43	1.24	1.48 1.32 2.86 1.91 2.62	.52	1.79 2.81 2.61 3.60	73	.98 2.42 1.31 .88 3.66	2.33	2.73 3.21 1.27 2.56 7.02	- 1.37	3.93 3.54 6.57 3.54 5.91	-67	7.80 9.10 2.21 9.77 6.08	4.75	5.86 6.65 5.82 6.79	1.90	4.25 4.81 3.98 4.42 4.03	.73	1.13 1.41 1.03 1.69	. 1.35	.50 1.76 1.96 3.92 2.39	1.21	5.45 5.96 5.44 4.93 6.01	2.32	36.90 43.38 36.90 44.46 58.49	2.70
ROANOKE WE AIRPORT R STAUNTON SEWAGE PLANT STUARTS DRAFT TIMBERVILLE 3 E	1.86- E 1.54- 1.79 1.82-	1.26	2.74- 1.49- 1.95 1.19-	.12 .62	3.35 1.47 2.57 1.43	1.70 1.70	1.40- 1.00- 1.25 1.25-	1.98	1.58 .93 2.08 1.84	· 2.21 · 2.81 · 1.92	4.95 3.38 4.19 2.88	1.15 -31	5.35 5.47 4.50 7.08	1.10 1.46 2.83	5.41 5.45 10.18 6.61	.78 1.63 2.57	2.79- 6.39 3.80 6.29	3.10 2.89	2.22- .78- 1.73 .95-	99 - 2.05 - 1.60	1.40 1.52 1.80 2.33	- 1.30 89 .20	5.54 E 6.14 6.16 4.22	2.56 3.44 2.05	36.59 E 35.56 E 42.00 37.89)i
DIVISION	1.89-	- 1.01	2.04-	.57	2.31	1.18	1.75	1.32	2.29	- 1.57	4.20	.33	7,01	2.55	7.19	2.75	3,80	.43	1.46	- 1.56	1.82	79	5.29	2.46	41.05	.63
* * SQUTHMESTERN MQUNTAIN 05 ALLISONIA BLACKSBURG 3 SE BLAND BRISTOL BURNES GARDEN	1.50 2.08 1.40 2.07-	- 1.83	3.21 3.34 3.00 5.19 3.80	.18	2.30 2.29 1.95 2.17 2.64	- 1.77	1.73 2.10 2.60 .75 2.82	.66	1.18 .92 1.85	- 2.27	3.54 3.92 4.55 4.25 4.33	•26	5.38 2.55 4.60 -	3.09	4.14 4.25 1.95 3.25	- 1.07	3.76 5.35 1.80	1.91	1.22 1.77 1.85	- ,51	1.47 1.73 1.84 2.53	46	4.68 E 4.55 5.13	1.80	34.21 E 34.83 E 32.52	5
BYLLESBY 3 W CHILHOWIE 1 S CLINCHCO COPPER HILL DAMASCUS	1.68 2.19 2.38 1.72 2.44	- 1.49	3,66 5,76 3,35 1,86 5,22	1.31	3.10 3.15 2.12 3.93 3.03	- 1.27	2.18 3.15 2.17 1.55 3.45	14	1.30 2.15 1.93 2.91 3.68	55	3.05 4.27 2.81 6.04 2.01	2.11	3.33 3.64 5.71 3.94 6.12	.16	4.33 4.64 3.14 6.15 2.27	- 2.16	1.79 .90 1.78 6.10 2.01	. 89	1.74 1.08 1.40 2.59 1.85	49	1.74 2.15 2.29 4.24 2.03	78	4.68 5.65 5.32 5.18 5.06	1.78	92.98 8 38.73 94.40 46.21 39.11	
FLOYD 2 NE GALAX RADIO HBOB GLEN LYN GRUNDY HILLSVILLE 1 S	1.86 1.81 2.09- E 1.83 1.21	79	2.97 2.92 2.02 E 3.32 3.14	. 83	5.34 3.45 1.99 3.19 4.43	- 1.54	1.68 2.92 1.61 1.02 1.92	- 1.42	1.47 1.61 1.83 .60 2.06	- 1.56	5.44 4.70 2.45 14 5.71	1.16	5.90 3.77 3.67 .16 2.72	71	4.65 4.26 3.94 2.15 4.11	.03	3.04 2.02 2.45 .93 3.10	.11	2.67 3.19 1.59 .57 2.99	75	3.14 3.06 1.99 1.65 2.69		5.64 6.07 4.39 4.19 5.43	1.91	43.80 39.76 30.02 19.75 39.51	7.21
INDEPENDENCE 2 LAFAYETTE 1 NE MARION EVAP STATION MENDOTA 2 NW	1.78 1.61 2.16 2.33	- 1.94	3.92 2.58 4.58 5.15 1.40	1.25	3,33 2,93 2,45 1,84	- 2.75	2.77 1.38 3.10 2.75 2.40	. 95	1.67 1.10 2.77 2.14 1.25	- 1.77	5.46 4.15 4.01 5.56 4.87	1.89	6.66 7.41 3.92 3.85 3.30	- 1.51	2.66 3.00 4.93 2.30 3.61	- 2.08	2.16 3.73 1.56 2.21 3.90	58	2.86 .76 1.36 1.75	70	2.86 2.15 1.77 2.68 1.20	25	4.85 4.93 5.02 6.61 E 3.64	3.07	40.96 35.73 37.63 39.17 E 30.44	6.32
PENNINGTON GAP PILOT 1 ENE PULASKI 2 E RADFORD ROCKY KNOB	3.03- 1.60 1.23 1.47 2.37	- 2.25	5.29 2.86 3.06 E 2.32 2.75	.41	1.54 3.64 2.48 2.29	- 3.94	3.12- 2.05 1.29 1.60 1.53	- ,80	1.65 1.46 1.62 .83 2.40		5.75 4.83 1.44 4.00 4.44	1.54	4,60- 3,37 2,90 2,37 5,57		3.61 5.51 2.45 2.87 4.00		1.17- 3.23 2.62 4.53 3.49	- 1.59	1.86 .94 1.16 1.39 3.47		3.74 1.71 1.05 1.45 3.45	.32	1 1	4.72	44.44 35.89 26.23 E 31.33	2
ST PAUL SALTVILLE 1 N SPEEDWELL STAFFORDSVILLE 3 N TROUT DALE	E 1.28 2.92 1.81 1.45 2.48	97	3.30 4.80 3.99 2.09 5.75	1.12	2.05 2.54 2.90 3.74	- 2.22	2.79 2.83 1.61 2.77 4.04	36	1.90 2.11 1.93 1.51 3.48		6.00 3.18 4.00 4.34 5.24	.62	3.55 3.14 7.72 4.96 6.30		5.24 4.40 2.28 3.44 4.25		2.72 1.98 3.10 3.69	20	1.31 2.01 .77 3.19		2.40 1.90 1.06 2.70		6.32 4.75 3.96 4.74	3.08	-	9- 5.06 2
WISE 1 SE R	2.15	- 1.37	3,32 3,12	.41	2.09 2.58	80	3.17 1.5d	- 1.33	2.49 2.05	- 1.56	5.45 3.48	.32	5.23 5.42	1.06	4,99 2,50	- 1.38	.87 2.95	-05	1.41 1.87	30	3.09 1.93	- ,31	6.65 4.65	2.10	40.9 33.5	1 5- 3.11
DIVISION	2.03	- 1.62	3.72	.22	2.70	- 1.45	2.22	- 1.23	1.82	2.06	3.95	04	4.13	79	3.95	35	2.24	87	1.80	72	2.41	28	5.51	2.24	36,4	8- 6.95

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

Table 3					U1.11.		7111		7711		IATE		. 71.47	<u>.</u>	LVE			_	117							VIRG 1969	LITTA		
_							Las	t spri	ng mini	mur	n of						F	irst	fall min	imu	m of						oer of		
Station					16° c		20° o belov		24° or below		28° o belov		32° or below		32° or below		28° o belov		24° o belov		20° o belor		16° c		pelow	below	below	below	or below
	Highest	Date	Lowest	Date	Date	Temp.	Date	Тешр.	Date	Temp.	Date	Тешр.	Date	Temp.	Date	lemp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	16° or b	20° or b	24° or b	28° or b	32° or b
* * * TIDEWATER 01																													
BACK BAY WL REF BOHANNON 1 NE BOYKINS CAPE HENRY WB CITY CHERITON	95 96 98 95	7-18 7-18+ 7- 6 7-20	20 11 10 20	1-13 1- 6 1- 6	NONE 1-6 1-15 NONE	11	1-13 2-15 2-13 1-28	20	3-12 3-16 3-14 3-12	24	3-12 3-28 3-28 3-16	27 25	3-31	29 30	11-15 10-24 10-18 3 - 11-15	30	11-16 10-24	28 25	NONE 11-22 11-16 NONE		NONE 12-18 11-16	20 19	NONE NONE NONE NONE		-	306 276 -		233	244 207 200 - 228
CHINCOTEAGUE WL REF COLONIAL BEACH DIAMOND SPRINGS FORT LEE FREDERICKSBURG NATL PK	95 99 96 101 98	7-18 7- 5 7-20 6-28 6-28	16 19 13 7	1- 5+ 1- 7+ 1-13 1- 5	1= 5 3- 1 NDNE 2-14 2-11	15	1-28 3-12 1-13 2-14 3-31	20 20 16	3-12 3-14 3-12 4- 1 3-31	23	3-16 4-12 3-16 4-1 4-1	26 27 24	3-31 4-12 4- 1 4- 1 4-25	24	10-24 3 11-15 2 11-15 2 10-24 2 11-13 3	26	10-24	26 28 28	11-21	22 22 23	11-22	19 19	NDNE NDNE 12-21 12-21	16	310 313	- 281 236	284 234	217 245 206	207 217 228 206 202
HOLLAND 1 E Hopewell Langley air force base Nassawadox Nelsonia	95 98 96 96 97	7-20+ 7-20+ 7-20+ 7-19+ 7-1	12 13 15 13	1- 6 1- 6 1- 6 1- 6	2-14 3-12 1- 6 1-12	14	2-15 3-12 1- 6 1-28	14	3-14 3-13 1-27 3-16	24	4- 1 3-28 3-16 4- 1	28 27 28 27	4- 1 3-16	32 28	10-24 10-24 11-15 10-24	9	11-15 11-16	26 28	11-16 11-22	22 24	12-21	19	NONE NONE		- -	294 284 - 327	299	232 245	186 206 244 186
NEWPORT NEWS PRESS BLD NORFOLK WB AIRPORT PAINTER 2 PARRAMORE BEACH L B S QUANTICO 1S	96 97 97 95	7-18+ 7-20+ 7- 1 7-14	17 18 10 17	1- 5 1- 6 1- 6 1- 5	NONE NONE 1-12 NONE 1-15	16	1- 6 1- 6 3-16 1- 6 1-28	18 20 18	2-15 1-13 4- 1 2-16 3-12	24	3-16 4-1	28 24 28	3-16 3-16 4-21 3-31 4- 1	28 31 31	11-15 2 11-15 3 10-24 3 11-16 3	30	11-22	26	12-21	24 20	NONE NONE 11-22 NONE		NDNE NONE 12-21 NONE	16	343	251 -	309 342 235	251	244 244 186 230
STONY CREEK 4 SW SUFFOLK LAKE KILBY SUNNYBANK TANGIER ISLAND URBANNA	99 95 96 93 97	6-28 7- 5 7- 1 7-18 6-28	6 15 12 20 13	1- 6 1- 6 1- 6 1- 4 1- 6	2-15 1- 6 1- 6 NDNE 1- 6	15	3-12 1-16 3-12 1- 4 3-12	20 20 20	3-28 3-12 3-16 1-5 3-12	24	3-16 3-28	28 27 28	3-31	31 30 31	9-30 3 10-24 3 10-25 3 11-15 3 11-15 2	31 31	11-16 11-16 12-27	28 26 28	12- 5 11-22 NONE	23	NONE 12-21 NONE	20	NONE NONE			284	268 251	245 233 291	158 206 207 229 228
WAKEFIELD 1 NH WALKERTON 2 NH WALLUDPS ISLAND HB WARSAW 2 NH WEST POINT 2 SW	99 99 95 98 98	7-19+ 6-28 7- 1+ 6-28 7-19+	6 16 10 8	1- 6 1- 6+ 1- 6	3-10 1-6 1-28 2-11	16 14	3-16 2-15 3-12 3-16	20 19	3-31 3-12 3-31 3-31	23	4- 1 3-31 4- 1 4- 1	25 28 26 28	5- 2 4-25 3-31 4-13 4- 7	28 31	10-18 3 10-18 3 10-24 3 10-18 3 10-18 3	30	10-24 11-21 10-24	26 24 25	11-16 11-21 11-22	19 24 19	11-16 12-21 11-22	19 20 19	12- 6 NONE 12-21	14	327	309 255	230 254 236 230	235	169 176 207 188 194
WILLIAMSBURG 2 N	97	7-19+	9	1- 6	1-16	14	3-12	20	3-16	22	4 1	27	4- 1	27	10-24 3	30	11-15	28	11-22	21	12- 6	20	NONE			269	251	228	206
EASTERN PIEDMONT 02																								1					
AMELIA COURT HOUSE ASHLAND 1 SW BLACKSTONE FAA AP CHASE CITY COLUMBIA	97 98 100 98	7-19+ 7- 5 7-20+ 7-21+	3 9 10 3	1-12 1- 5 1- 5 1- 5	2-14 2-15 1-13 2-16	11	3-30 3-12 3-12 3-16	18	3-13 3-28 4- 1		3-31	25 26 28	4-21 4- 1 4- 1 4-25	29 29	10-24 2	32	10-24	27	11-15	23	12-17	19	NONE			280	247 232	207	180 206 200 176
CORBIN FARMVILLE 2 N JOHN H KERR DAM LAWRENCEVILLE 5 W LOUISA	98 99 100 97 95	6-29 7- 5 7- 6+ 7-19+ 7-19+	7 4 5 6 2	1- 5 1- 5 1- 6 1- 6 1- 5	3-12 2-15 2-15 2-14 3-12	15 15 14	3-31 3-28 3-16 3-12 3-31	19	4- 1 3-31 3-31	24 24 23 24 21	4-1 4-1 4-21 4-1 4-1	24 24 28 26 21	4-25 4-25 4-25 4-25 4-25	32	10-18 2 10-18 2 10-18 2 10-18 3 10-18 2	27 28 30	10-18	27 28 25	10-24 10-24 11-15	20 22 22	10-24 11-21 11-16	20 16 17	11-21 12- 6	15 16 16	279 295	210 250 249	206 207 229	200 180 200	176
NEW CANTON PARTLOW 3 WNW POWHATAN 5 SW RICHMOND WB AP * *: * WESTERN PIEDMONT 03	95 98 98 98		- 2 4 B	1- 5 1-12 1- 6+ 1- 6	2-15 3-28 3-12 1-16	16	4- 1 3-28 4- 1 3-14	20	4- 1 4- 1 3-28	20	4-1 4-25 4-1 4-1	20 28 20 28	5-13 5-13 4-25 4-1	31 30	10-18 2 9-23 3 - 10-24 2	31	10-18	28	10-23	21	10-24 -	20	10-25	14	211	210	205	176	133
APPOMATTOX 3 W BEDFORD CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W	97 95 101 95 105	7-20+ 7- 5 7- 6 7- 6 8-27	4 5 8 10	1- 5 1- 6 1-13+ 1- 5 1- 5	3-12 3-12 1-27 1-28	16 16	3-13 3-12 3-12 3-12 3-12	16 18	4- 1 3-28	24 18		25 23 28 28 25	4- 1 4- 7 4-25 4- 1 4- 2	31 28		28	10-23 10-18 10-24	28	10-24	24	11-15	20	11-15 12-21 11-16 NONE 12-21	16	249	248 248	210 210 248	200	200 176 206
CHATHAM 2 NE DANVILLE-BRIDGE ST HALIFAX 2 SSE LYNCHBURG HB AIRPORT MARTINSVILLE FILT PL	96 99 97 97 97	7-20+ 7-20 7-20 7- 5 7- 5+	8 10 11 1 5	1- 5 1- 7+ 1- 6+ 1- 5 1- 5	2-14 1-16 1-13 3-12 2-15	16 16 15 15	3-12 2-15 3-12 3-28 3-28	19 17 19 18	3-28 3-28 3-28 3-31	21 24 24	4- 1 4- 1 4- 1	26 28 28 28	4-25 4- 2 4- 1 4-25 4-25	32 28 30	10-18 10-24 10-18 10-18 10-18	29 32 29	11-15 10-24 10-24	22 28 21	11-15 11-15 10-24	22 21 21	11-17 11-16 11-15	19 20 19	12-17 12-21 NONE	16 16	306 339 280	248 275 249 232	232 232 207	228 206 206	200
PHILPOT DAM 2 ROCKY MOUNT STUART 1 SSE TYE RIVER 1 SE	96 96 100 96	6-29 7- 6 6-29 7- 6+	107	1- 6 1- 5	1- 7 2-17 3-12 1-14	15	3-28 3-29 3-12 3-15	15	3-28 4- 2 4-21	20 24 24	4- 1 4- 2 4-21	25 24 24	4-25 4-26 4-21	32	10-18 10-18 10-23 10-23	29 31	10-24 10-24	22 25	10-24	22 14	11-15	18 14	12-17 11-15	15	303 248	231	205 208	205	176 175 185
* * * , NORTHERN 04																ļ						İ							
ALEXANDRIA CITY GARAGE BERRYVILLE BIG MEADONS CULPEPER ELKWOOD 6 SE	99 99 84 98 95	6-29 7-18 6-28 7-18+ 7-18+	13 2 0 0	1- 6+ 1- 5 1- 6+ 2-14+ 1- 5	1-28 2-15 3-31 2-15 3-12	11 12 11	3-12 4- 1 3-31 3-28 4- 1	19 12 20	4- 1 4- 1 4- 1 4- 2 4- 1	21	4- 1 4- 1 4-20 4- 2 4-25	19 28 22	4- 2 4-25 5-12 5- 1 4-25	31 32 31	10-24 10-18 10-15 10-18 10-18	30 29 25	10-24 10-18 10-18	17 28 25	10-24 10-23 10-24	17 22 18	10-24 10-24 10-24	17 18 18	11-22 11-15 11-22	14 6 14	229	206 207 210	206 205 205	181	170
FALLS CHURCH 2 SW LINCOLN LURAY 5 E MANASSAS MOUNT MEATHER	97 97 94 99	6-28 7-18+ 7-18+ 7-18 7-18+	11 8 0 2	1- 5 1- 5 1- 6+ 1- 4 1- 5	2-15 2-14 3-13 3- 2 3-16	16 15 16	3-16 3-13 3-28 4- 1 3-31	20 18 19	4- 1 4- 1 4- 1 4- 1 4- 1	21 21 22 19 21	4- 1 4- 1 4- 2 4-20 4- 1	27	4-25 4- 7 5-12 4-20 4-20	32 31 26	10-18 10-22 10-15 10-23 10-23	30 31 32	10-23 10-18 10-24	22 27 20	10-23 10-24 10-24	22 18 20	11-21 10-24 10-24	18	12-21 11-16 12-13	14 16 13	310 248 286	253 210 206	205 206 206	205 195	198 156 186
PIEDMONT FIELD STATION WARRENTON 3 SE WASHINGTON WASH OC-DULLES WE AP WASHINGTON WE NAT AP WAVERLY HILLS	95 98 100 100	7-19+ 6-29+ 7-19 7-18 6-28	6 - 2 5 13	1- 5 1- 5 1- 5 1-16 1- 5	2-15 2-14 3-23 3-16 1-5	16 12 16 13	3-28 3-12 4- 1 4- 1 3-12	17 17 20	3-28 3-31 4-8 4-1 3-12	21 17 20	4- 1 4- 1 4-14 4- 7 4- 1	27	4- 1 4- 2 5- 2 4-25 4- 1	32 29 27	10-23 10-24 10-16 10-17 10-24 10-24	24 31 32 29	10-24 10-18 10-23 11-16	24 25 21 28	10-24 10-24 10-23 12-18	24 14 21 23	11-20 10-24 10-24 12-21	20 14 15 20	10-24 10-24 NONE	15 14 15	314 215	253 206 206 284	207 199 205 281	206 187 199 229	205

See Reference Notes Following Station Inde

					Last spring minimum of First fall minimum of													ber of											
Station	_				16° c		20° c		24° o belo		28° o belov		32° or below		32° o belov		28° o belov	- 1	24° o belov		20° c belo		16° d belo		below	or below	below	or below	below
	Highest	Date	Lowest	Date	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Тетр.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	16° or b	20° or b	24° or b	78° or b	32° or b
WINCHESTER 1 N WOODSTOCK	95 98	7-18+ 7- 5+		1- 5 1- 5	2-15 2-15		3-12 4- 1		4- 1 4- 1	21 18	4- 1 4- 1	21 18	4- 7 4-13	32 30	10-24 10-18	21	10-24 10-18	21 28	10-24 10-24	21 18	11-22 10-24	17 18	12-21 12- 6	14 13	309 294		206 206	206 200	
* * * CENTRAL MOUNTAIN 05																													
BUCHANAN CATAWBA SANATORIUM COVINGTON FLLT PLANT DALE ENTERPRISE HOT SPRINGS	97 92 95 98 93	6= 8 7= 6+ 7= 5	5	1- 5 1- 5 1- 5	2-14 3-12 3-12 3-12 3-13	14 15 15		14 20 19	4- 1	23	4 1 4 1 4 1 4 7	27 20 19	5-13 5-13 5-12	31 32 31	10-18 10-18 10-18 10-18 10-18	32 26 29	10-24 10-18 10-24	24 26 19	10-24 10-24 10-24	24 18 19	11-15 10-24 10-24	14 18 19	11-15 11-21 11-15	14 15 16	248 254 248	248 206 206	207 206 206	206 200 206	15 15
LEXINGTON MONTEREY PEAKS OF OTTER ROAMOKE WB AIRPORT STAUNTON SEWAGE PLANT	97 88 90 96 96	6-8	- 5 - 3	1- 5 1- 1 1- 1 1- 5	3-16 3-31 3-12 3-12 3-23	16 9 16	4- 1 4- 2 3-31 3-28 4- 1	20 20 19	4= 1 4= 2 3=31 4= 1 4= 1	20 20 24	4 1 4-14 3-31 4 1 4 7	2B 20 24	5-13 4- 1	32	10-18 - 10-23 10-18 10-18	26 30	10-23 10-24	26 24	- 10-24 10-24	20 24	- 10-24 11-15	20	11-15 11-15 12-18	10 10 16	229 248 281	207 232	207 206	206 206	20
TIMBERVILLE 3 E * * * SOUTHHESTERN MOUNTAIN 06	98	7- 5	3	1-12+	2-15	13	·4- 1	17	4- 1	17	4-25	28	5 - 1	31	10-18	28	10-18	28	10-24	19	10-24	19	12- 6	13	294	206	206	176	17
BLACKSBURG 3 SE BRISTOL Burkes Garden Chilhohie 1 S Fldyd 2 Ne	91 87 91 90	7- 5+ 7-24+	-12	12-27 1- 5 1- 4 1- 5	3-28 3-12 3-28 3-28 3-28	15 15 11	4- 1 3-31	17 20 17	4- 1 3-31 4- 7 4- 1 4-20	21 23 21	5-13 3-31 5-13 4-30 5-13	21 27 28	4-30 5-13 5-13	29 27 29	9-29	28 32	10-18 9-29 10-18 10-18	28 19	10-18 10-18	22 19	10-24 10-18	17	11-15 11-15	7	232 232	206 201	194 200	139 171	13
GALAX RADIO WBOB Glen Lyn Grundy Marion Evap Station Pennington Gap	91 104 101 92 92	7- 5 6-29 7- 5+ 7- 5+ 7-20+	-11	1-5 1-5 1-5 1-5	3-28 3-13 3-13 3-17 3-12	16 16 16	3-28 3-28 3-31 3-28 3-31	19 20 17	4- 1 4- 1 3-31 4- 1	23 24 21	4-25 4- 1 4- 1 4-25 4- 1	23 24 26	5-13	31 24 31	10-18 9-12	26 31	- 10-18 10-18 10-18 10-18	26	10-27 10-18	20	11-15 10-27 10-18	13 20 20	11-15	13 14 8	247 247 243	232 210 204	206 209 201	200 176	20
PULASKI 2 E RDCKY KNOB ST PAUL. SALTVILLE 1 N WISE 1 5E	95 90 96 95 88	8- 1+ 6-30	- 6		3-28 3-15 3-14 3-12 3-16	7 16 15	3-13	18 20 18		18 23 21	4- 7 4-25	18 28 26	5-10 4-30	29 32 32	10-23	25 28	10-18 10-23 10-18 10-18	25	10-24	23 16	11-14	20	11-15	16	245	228	207	176	16
WYTHEVILLE 1 S	92	6-30	- 7	1- 5	4- 1	16	4- 1	16	4-25	23	5-13	27	5-13	27	9-11	32	10-18	20	10-18	20	10-18	20	10-24	13	206	200	176	158	12

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

S	itation		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annua
* * * TIDEWATER	01														
HOLLAND 1 E		EVAP DEP WIND MAX MIN	:	-	- - -	5.798 	7.70 .72 1698 83.0 58.8	7.588 15 967 92.7 69.5	7.46B 23 287 94.8 73.0	6.09B .51 710 93.B 69.5	4.66 .26 1059 83.4 63.9	4.40B .83 1452 71.8 52.4	-	:	-
* * * EASTERN PIEDMON	T 02														
JOHN H KERR DAM		EVAP WIND	•	:] :	5.18B 1245	6.19 1037B	6.16B 809B	6.97B 830	5.70B 855	4.08B 590	3.088 790	-	:	-
* * * WESTERN PIEDMON	Т 03														
PHILPOT DAM 2		EVAP WIND	:	:	<u>-</u>	4.13B 897B	4.70B 500	4.868 335	4.71B 207	4.52B 251	3.008 201	3.16	-	:	=
* * * SOUTHWESTERN MOUNTAIN	06														
MARION EVAP STATI	ON	EVAP WIND MAX MIN	•	:	-	3.85B 1343B 75.7 52.7	4.818 967 86.6 63.2	5.15 660 93.7 72.0	5.41 626 96.4 77.1	5.428 635 88.4 73.3	3.718 685 77.1 57.0	3.44 970 67.2 56.6	1208	:	=

JOHN H KERR DAM : STAINLESS STEEL PAN. PHILPOT DAM 2 : STAINLESS STEEL PAN.

				_			_	_	_	ŊΙ	Α.	1		•	INDEX												RGINIA 1969
Station	Index No.	Division No.	County	Drainage‡	Latitude	Longitude	Elevation	re	cord		losed ng yr		Refer to tables		Station	ž	Division No.	ounty	Drainage‡	Latitude	Longitude	Elevation	rec	Evap.	or clo durin	g yr.	Refer to tables
ASINGDON ALEXANDRIA CITY GARAGE ALLISONIA ALTAVISTA AMELIA COURT HOUSE AMISSYILLE APPONATTOX 3 W ASHLAND I SW BACK BAY ML REF BEDFORD	0013 0090 0135 0166 0187 0193 0243 0327 0385	04 03 02 04 03 02	WASHINGTON CLARKE PULASKI CAMPBELL AMELIA RAPPAHANNOCK APPOMATTOX HANDVER PRINCESS ANN BEDFORD	14	36 42 38 48 36 56 37 06 37 21 38 41 37 22 37 45 36 40 37 21	82 00 77 05 80 45 79 18 77 59 78 01 78 53 77 29 75 55 79 31	1870 510 350 550 925 220	1 57 17	12 18 24 1 26 31 57 17	аст		1	C 2 3 C 2 3 2 3 2 3 2 3 2 3 3 2 3		HANASSAS MARION EVAP STATION MARTINSVILLE PILT PL MC DOWELL MC GAMETSVILLE 2 S MERDOWS UP DAN 5 SW MERDOWS	5453	PR WI SHYTH BE HENRY DE HIGHL DE HIGHL DE HASHI DE HASHI DE HIGHL DE HIGHL DE HIGHL	NGHAN CK NGTON	8 7	36 47 36 49 36 42 38 20 38 21 36 40 36 42 37 53 37 51 38 25	77 30 81 31 79 53 79 30 78 44 80 27 82 19 79 06 79 06 79 35	2000 1090 1500 1350 2450 1875		53 10 39 6 20 62 32			1 2 3 1 2 34 1 2 3 2 C 2 2 2 C
BERAYVILLE BIG MEADDMS BLACKSBURG 3 SE BLACKSTONE FAA AP BLACKSTONE FAA AP BLACKSTONE MATER WORKS BLANO BOHANMON 1 NE BOYKINS SREMO BLUFF BRISTOL	0720 0766 0773 0778 0792	04 06 02 02 06	CLARKE PAGE MONTGOMERY NOTTOWAY NOTTOWAY BLAND MATHENS SOUTHAMPTON FLUYANNA WASHINGTON	12	39 09 38 31 37 11 37 05 37 05 37 06 37 25 36 35 37 42 36 36	77 59 78 26 80 25 77 57 78 01 81 07 76 21 77 12 78 18 82 10	440 423 2000 8 40 225	34 18 24 19 16				1	2 3 C 2 3 C 2 3 C 2 3 2 3 2 3 2 3	1	MDORES CREEK DAM MDUNT WEATHER NASSAMADDIX NELSONIA NEN CANTON NEN CASTLE NEMPORT Z NW MNEMPORT NEWS PRESS BLD NOMFOLK WB AUTPORT NOMTH RIVER DAM	5729 5851 5931 5983	D5 ROCKE 04 LOUDE 1 NORTH 01 ACCOM 02 BUCK 05 CRAIC 06 GILES 01 05 AUGUS	RIDGE IUN IAMPTON IACK	9 13 2 2 9 9 9 9	37 45 39 04 37 28 37 49 37 42 37 30 37 19 37 01 36 54 38 22	79 38 77 53 75 52 75 35 78 18 80 06 80 31 76 27 76 12 79 16	1600 1720 35 47 300 1325 1900	65 13 11 74	34 05 13 11 76 32 24 46 24			2 2 C 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 C
BIDDOMEAL BUCHMAN BUCKIMGHAN BUCKIMGHAN BUENA VISTA BURKES GARDEN BYLLESBY 3 W CAPE MENRY MB CITY R CATAMBA SANATORIUM CHARLOTTE COURT MOUSE CMARLOTTESVILLE 2 W	1121 1136 1159 1209 1259 1362	05 02 05 06 06 01	CAMPBELL BOTETOURT BUCKINGHAM ROCKBRIDGE TAZEWELL CARROLL PRINCESS ANN ROANOXE CHARLOTTE ALBEMARLE	15 9 9 11 11 2 9 15 9	37 03 37 32 37 33 37 43 37 05 36 48 36 56 37 23 37 03 38 02	78 57 79 41 78 33 79 22 81 20 80 59 76 00 80 05 78 38 78 31	500 870 485 840 3300 2613 16 1890 560	51 72 98	20 68 34 32 74 95 58 23			1	2 3 2 3 2 3 2 3 2 3 2 3 3 2 3		PAINTER 2 W PAINTER 1 E PARRANDER BEACH L B S PARTION 3 WNW PEAKS OF OTTER PEDLAR DAM PENNINGTON GAP PENNINGTON DAM 2 PIEDMONT FIELD STATION PILOT 1 ENE	6475 6491 6528 6533 6573 6573 6593		AC INNA IACK YLVANIA OURT IST	5 9 2 17 15 9	37 35 37 52 37 34 38 03 37 28 37 40 36 45 36 47 38 13 37 04	75 49 78 15 75 36 77 42 79 36 79 17 83 03	30 410 8 250	6 18 11 37 17 22	14 13 6 16 11 35 37 17 17 23 28	7		1 2 3 C 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3
CMARLOTTESVILLE 1 M CMASE CITY CMATMAN 2 NE CMERTION CHILMONIE 1 S CHINCOTEAGUE WL REF CHUNCHVILLE CLIAKSVILLE CLIFTON FORGE CLINCKOO	1606 1614 1636 1675 1687 1708 1746	02 03 01 06 01 05 02	ALBEMARLE MECKLENBURG PITTSYLVANIA NORTHAMPTON SMYTH ACCOMACK AUGUSTA MECKLENBURG ALLEGANY DICKENSON	16 15 9	38 02 36 50 36 50 37 17 36 47 37 56 38 14 36 38 37 49 37 10	78 31 78 28 79 22 75 58 81 41 75 22 79 10 78 33 79 50 82 19	540 510 700 11 2000 10 1475 325 1055	22 46 33 15	22 46 42 18	9		1	2 34C 2 3 2 3 C 2 3 2 3 2 3 2 3 2 3 2 3 2 3		POWHATAN 5 SW PULASKI 2 E QUANTICO 1S RADPORD RANDOLPH RAPIDAN RICHMOND WB AP RIVERTON RHORNOKE WB AIRPORT R ROCKFISH	6906 6955 6979 6999 7025 7033 7201 7254 7285	DZ AMELI DO PULAS DO PULAS CHARI DA ORANO DZ HENRI DO ROANO DZ HENRI DO ROANO DO ROANO DO ROANO	A KI ILLIAM INI DTTE E CO IN	9 11 13 11 15 14	37 29 37 03 38 30 37 08 36 54 38 18 37 30 38 56 37 19 37 48	77 56 80 45 77 19 80 33 78 43 78 04 77 20	250 1850 12 1730 329 300 164	32	19 65 64 24 28 38 37 32		ост	1 2 3 C 1 2 3 C 2 C 1 2 3 C 1 2 3 C
COLONIAL BEACH COLUMBIA S CONCORS STORE COPPER HILL CORSIN COVINCTON COVINCTON FILT PLANT CRAIGSVILLE CULPER	1955 1986 1999 2009	05 06 02	HESTMORELAND GOOCHLAND CAMPBELL ROCKINGHAM FLOYD CARDLINE ALLEGHANY ALLEGHANY AUGUSTA CULPEPER	13 9 15 16 11 14 9	38 15 37 46 37 17 38 38 37 05 38 12 37 48 37 48 38 05 38 29	76 58 78 09 78 58 78 51 80 08 77 22 80 00 79 23 77 59	10 300 650 1070 2720 220 1245 1230 1600 475	11	7 71 20 27 28 11 32 9 7			1	2 3 C 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		ROCKY KNOB ROCKY MOUNT ST PAUL ST PAUL LEI N MITHFIELD 3 NE SOMERSET SPEEDWELL STAFFORDSVILLE 3 N STAF TANNERY	7330 7338 7492 7506	DE FLOYI	LIN	11 15 6 8 9	36 51 37 00 36 54 36 53 37 01 38 14 36 49 37 01 37 16 39 05	80 22 79 54 82 19 81 46 76 37 78 15	3075 1232 1500 1735 37 390 2340 2340	76 10 51	26 76 10 53 28 21 29			1233 0
DALE ENTERPRISE DAMASCUS PRISE DELAPLANE 1 NM DIANDNO SPRINGS DRIVER 4 NE ELKWODD 6 SE ENPORTA 1 MMM	2208 2216 2245 2269 2315 2326	05 06 03 06 05 04	ROCKINGHAM WASHINGTON PITTSYLVANIA BUCHANAN AUGUSTA FAUQUIER NANSEMOND CULPEPER GREENSVILLE	8 7 3 9 13 5 2	38 27 36 38 36 35 37 07 38 10 38 56 36 54 36 53 38 27 36 41	78 56 81 48' 79 23 82 06 79 22 77 56 76 12 76 29 77 46 77 33	1400 1950 410 1600 1720 520 25 17 800 100	52 61 29	89 43 79 43 61 27 29			1	2 3 C 2 3 C		STATE FARM STAUNTIN SEWAGE PLANT STONY CREEK 4 SW STUART 1 SSE SUFFOLK LAKE KILBY SUFFOLK LAKE KILBY SUNNYSAMK TANGIER ISLAND THE PLAINS 2 NNE TIMBERVILLE 3 E	8054 8062 8129 8170 8172	02 G0000 05 AUGUS 01 SUSSE 03 PATR	LAND ITA X CK	16 12 7	37 38 38 09 36 56 36 38 38 00 36 44 37 53 37 50 38 54 38 39	77 48 79 02 77 28 80 16	140 1455 1450 22 15	77 10 10 23	31 83 10 10 21 23 18 17 24			2 3 C 1 2 3 C 1 2 3 C 1 2 3 1 1 2 3 1 1 2 3 1
FALLS CHURCH 2 SW FARNVILLE 2 N FLOYO 2 NE FORT LEE FREDERICKSBURG NATL PK FREDERICKSBURG EMBY PL FREE UNION GALAX MATER PLANT GLASGOW 1 SE	2922 2941 3071 3127	04 02 06 01	FAIRFAX CUMBERLAND FLOYD PRINCE GEORG SPOTSYLVANIA ALBEMARLE CARROLL CARROLL ROCKBRIDGE	13 11 11 14 14 14 9	38 51 37 20 36 56 37 14 38 18 38 18 38 09 36 40 36 39 37 37	77 12 78 23 80 18 77 20 77 28 77 28 76 34 80 55 79 26	320 450 2600 60	21 48 37 20 76	21 50 37		AUG	1	2 3 2 3 2 3 2 3 2 3 C C		TROUT DALE TYE RIVER I SE URBANNA VIENNA DUNN LORING MAKEFIELD I NM MALLACETON LA MALLACETON LA MALLOFIS ISLAND MB MARENTON 3 SE MARSAW 2 NM	8547 8600 8642 8737 8803	GRAYS	IGN IN .ESEX .AX	11 9 14 13	36 42 37 38 37 39 38 54 37 00 37 45 36 36 37 51 38 41 37 59	81 26 78 56 76 34 77 13 77 00	3104 720 25 418 100 50 25	7 33 10 36	34 31 33 21 10 37 43 4			2 C 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 C 1 2 3 C
GLEN LYN GORDONSVILLE 3 S GOSNEN GROSECLOSE GROVETON GRUNDY HALIFAX 2 SSE HATSI HILLSVILLE 1 S	3397 3466 3470 3623 3635 3640 3695 3863 3991	06 02 05 06 04 06 03 06	GILES LOUISA ROCKORIDGE SMYTH FAIRFAX BUCHANAN HALIFAX DICKENSON CARRULL	11 17 9 8 13 3 7 3	37, 22 38, 06 37, 59 36, 52 38, 46 37, 16 36, 44 37, 12 36, 44	80 52 78 10 79 30 81 20 77 06 82 05 78 55 82 17 80 44	1524 435 1350 2590 245 1190	37 9 15	56 9 30 19 19 15			1	2 3 2 C 2 3 2 3 2 3 2 3 2 3		WASHINGTON WASH DC-DULLES WA AP WASHINGTON WE NAT AP R WAVERLY FILLS WEST POINT 2 SW WHITE GATE WILLIAMSBURG 2 N WINCHESTER 1 N WISE 1 SE R WOODSTOCK	8902 8903 8906 8938 9025 9060 9151	PA RAPPA	HANNOCK JUN IGTON ENT I	14 13 13 13 17 11	36 43 36 57 38 51 38 53 37 12 37 18 37 18 39 12 36 58	78 10 77 27 77 02 77 07	635 291 10 340 18 1850 760	15 8 29 23 16	24 8 29 23 16 24 63 15			1 2 3 C 1 2 3
HOLCOMAS ROCK HOLLAND 1 HONAKER HOPENELL HOT SPRINDS HUDGLESTON 2 SW HURLEY INDIAN VALLEY JOHN N KARR DAN	4044 4078 4101 4128 4148 4180 4246 4414	01 03 01 05 06 06 06	BEDFORD NANSEMOND RUSSELL PRINCE GEORG BATH BEDFORD BUCHANAN GRAYSON FLOYO MECKLENBURG	9 4 6 9 15 3 11 11	37 90 36 41 37 01 37 18 38 00 37 09 37 25 36 38 36 54 36 36	79 16 76 47 61 59 77 18 79 50 79 30 82 01 81 10 80 34 78 17	2238 1000 990	37 77 76	10 37 2 78 20 17			1	2 34 2 3 C 2 3 C 2 C 2 C 2 C 2 34C		WOOLWINE 4 S		DA PATRI		1 1	36 43 36 56		1490		19 96			153C
JORDAN MINES 1 NE KERRS CREEK 1 MSM LAFAYETTE 1 NE LAMOLEY AIR FORCE BASE LAMMENCEVILLE 3 M LEXINOTON LINCOLN. LUNGAN LUNGAN LUNGAN E LUNG	4768 4876	02	ALLEGHANY ROCKBRIDGE HONTSOMERY BRUNSWICK ROCKBRIDGE LOUDOUN LOUISA PAGE CAMPBELL	9 15 5 10 9 13 17 16	37 41 37 51 37 14 37 05 36 46 37 47 39 07 38 02 38 40 37 20	80 06 79 32 80 13 76 21 77 56 79 26 77 43 78 00 78 23 79 12	300 1040 500 437		8 19 133 24 98 69 54 28			1	C 22 3 3 3 C 22 3 3 C														

† DRAINAGE CODE: 1-APPOMATTOX 2-ATLANTIC 3-BIG SANDY 4-BLACKWATER 5-CHESAPEAKE 5-CLINCH 7-DAN 3-HOLSTON 9-JAMES 10-MEHERRIN 11-NEW 12-NOTTOWAY 13-POTOMAC 14-RAPPAHANNOCK 15-ROANOKE 16-SHENANDOAH 17-YORK

	CHANGES IN STATION NAME	
NEW NAME COPPER HILL 1 NNE GRUNDY	FORMER NAME COPPER HILL GRUNDY 3 NW	DATE OCTOBER 1, 1969 JULY 1, 1969
	RELOCATION AND CHANGES OF EQUIPMENT	
AMELIA COURT HOUSE BUCHANAN COPPER HILL GOSHEN GRUADY HOIT SPRINGS HURLEY	EQUIPMENT MOVED 7 MILES SSM EQUIPMENT MOVED 90 FEET NAM EQUIPMENT MOVED 1, 1 MILES NAME EQUIPMENT MOVED 1, 1 MILES NAME EQUIPMENT MOVED 1 MILES NAME EQUIPMENT MOVED 1 MILES NAME EQUIPMENT MOVED 0, 2 MILE SM EQUIPMENT MOVED 2, MILES W	OCTOBER 10, 1969 NOVEMBER 6, 1969 OCTOBER 1, 1967 MAY 1, 1969 JULY 1, 1969 NOVEMBER 5, 1969 NOVEMBER 10, 1969
NEWPORT NEWS PRESS BUILDING WAKEFIELD 1 NW WISE 1 SE	EQUIPMENT MOVED 2.7 MILES NW EQUIPMENT MOVED .3 MILE NNM EQUIPMENT MOVED .2 MILE NNE	MARCH 1, 1969 MAY 1, 1969 NOVEMBER 10, 1969

Additional information regarding the climate of Virginia may be obtained by writing to the Environmental Science Services Administration State Climatologist, Agronomy Department, Virginia Polytechnic Institute, Blackburg, Virginia 24061, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA VIRGINIA".

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in *F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for November 1956.

STATION NAMES: Figures and letters following the station name, such as 12SSW, indicate distance in miles and direction from the post office.

DELAYED DATA AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.
- + Also on earlier date (dates) or months.
- * Amount included in following measurement.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period,

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- C Data for recording rain gage stations 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 Hourly Precipitation Data.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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