

CLIMATOLOGICAL DATA

VIRGINIA ANNUAL SUMMARY 1970 Volume 80 No. 13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

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	Janu	lary	Febr	uary	Mar	ch .	Ap	ril	M	ay	Ju	ле 	J.	ıly	Aug	rust	Septer	mber	Octo	ber	Nove	mber	Decen	nber	Ann	ual
Station	Temperatur	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
IDEMATER 01 ACK BAY WL REF OHANNON 1 NE OYKINS APE HERRY WSO HERITON	34.9M 33.1M 35.4 31.6		42.4M 40.5 41.9M 41.3 40.2M	- 1.1	46.0M 43.7 47.1 45.0		56.9 56.5 58.5M		67.9M 67.8 - 56.0		74.8 74.2H		77.7H 77.0		77.5M 77.3 79.2 77.9	1.7	75.3M 74.1 74.8M		65.1M 63.2 63.6		53.5M 51.3 50.6 49.5		45.1M 42.7 43.2M		59.8M 58.5M - 58.3M	_=
HINCOTEAGUE WL REF ILONIAL BEACH IAMOND SPRINGS IRT LEE REDERICKSBURG NATL PK	32.8M 31.0 32.3 32.3 30.2	-11.4	38.9M 38.9 39.4 40.3 37.8	- 4.6 2	42.2M 43.5M 44.4 43.6 43.1	- 1.5 - 5.6 - 1.9	57.4	1.0 - 3.5	69.6 66.5 70.7 68.1	4.1 - 1.4 2.8	73.9 77.7	- 1.8	75.3k 79.5k 76.6 80.1 77.4	1.8	78.0M 79.8 77.5 79.1 76.3	3.5 4 .8	76.2 74.5 73.8	6.1 1.3 4.7	63.1M 63.5 62.4 61.2	- 4.1 8 2.9	51.9 50.5 52.1 48.6	2.3 - 1.4 1.3		3.4 - 1.2 1.8	59.0M 58.2 - 57.2M	1. - 2.
DLLAND 1 E DPEWELL INGLEY AIR FORCE BASE ISSAWADOX ELSONIA	33.1 34.4M 32.5 31.5 31.6M	- 7.1 - 9.0	40.2 42.6 38.4 39.3 40.6M	1 - 3.6	46.0 46.9 43.2 42.9 42.4	- 2.4 - 5.1	57.3 60.2 54.6 55.1	.5 - 3.1		1.9	74.4 76.7 75.2 73.8	2	77.2 78.8 76.8 76.3	4	76.5 78.8 77.1 76.6	0	74.3 73.6 73.7	.9	62.2 64.2 63.1 62.9		51.9 52.5 51.0 51.5	1.5	42.5 44.5 44.1 42.4	2.6 1.5	58.7 58.1 57.8	- 1.
EWPORT NEWS PRESS BLD DRFOLK WSO AINTER 2 W ARRAMORE BEACH L B S JANTICO IS	34.2 33.9 31.5 30.3M 29.6		41.9 39.3 39.8 40.5 37.0	- 2.3 5	42.5	- 3.3 - 2.7	57.6 56.7 54.7 53.9M 55.5	- 1.3	66.5 65.5H	1.6	75.9 74.9 73.0 73.0 74.0	7	77.9 76.9 76.0 76.8 77.3	- 1.9	79.2 78.0 76.1 78.9 76.9	.5	76.2 74.7 73.6 74.2 72.9		66.2 63.7 62.1 64.5 60.8	1.7 2.5	53.9 51.7 51.0 52.5 48.0	1.0	41.7	4.5	50.3 59.1 57.4 58.0m 56.6	 - -
FONY CREEK 4 SW JFFÖLK LAKE KILBY JNNYBANK ANGIER ISLAND RBANNA	34.6 33.6 30.3 35.5 32.6		42.5 40.1 38.0 41.2 39.9M		46.0 45.3 41.7 45.8 43.2M		59.2 57.6 55.0 52.6 57.9		68.9 68.0 67.0 65.9 68.7M		74.0 74.8 73.1 75.3		75.9 77.1 77.6 76.7		74.3 17.7 77.9M		75.7 74.3 - 75.7N		62.5 63.1 - 63.3M		51.1		43.0 43.7 - 42.6		59.0 58.9 - 58.7M	
AKEFIELD 1 NW ALKERTON 2 NW ALLOPS ISLAND WSD ARSAW 2 NW EST PDINT 2 SW	34.6 30.5 29.6 30.4 31.6		40.2 38.2 36.2 38.2 38.7		44.9 43.0 41.7 42.7 43.5		57.3 56.0 52.9 55.4 56.1		68.2 68.3 63.1 67.5 68.3		73.9 74.6 70.9 73.4 74.8		76.5 77.4 73.4 76.8 76.7		76.9 76.7 76.4 76.4 76.6		73.8 73.3 71.7 73.7 74.1		62.0 51.5 62.4 61.9 61.9		50.4 49.4 50.1 49.7		40.8M 39.6 40.8 39.9 40.5		58.3H 57.4 55.8 57.7	
ILLIAMSBURG 2 N DIVISION	32.7	- 7.9	40.1 39.8	- 1.3	43.8	- 3,4	56.7 56.1	- 1-1	68.5	1.2	75.0 74.4	2	76.7	- 1.2	76.7	.6	74.7	3.0	63.4	2.2	51.6 51.1	.6	42.6	1.3	58.5 58.3	ļ.
* * * STERN PIEDMONT 02																										
MELIA COURT HOUSE SHLAND 1 SW LACKSTONE FAA AP HASE CITY OLUMBIA	32.5 29.0 33.3 M 29.2M	- 8.5	38.7 40.0 44.0 36.5H	- 2.3	41.2M 44.3 48.0 41.6	- 4.2	56.4 57.8 61.6 55.6M	- •7	69.5 67.0 71.1 66.8	.9	73.0 74.2 77.3 73.8M	1	75.5 76.6 80.5 76.6	9	76.7M - 75.8 77.6M 75.0	9	73.0 74.0 76.5 72.3	2.9	62.1 62.5 59.6	1.5	49.5 50.2 51.0 47.8		45.9M 42.5 44.3 38.5	. 2	57.7M 58.2 50.1M	- 1.
DRBIN ARMVILLE Z N DHN H KERR DAM AWRENCEVILLE 5 W DUISA	27.5 31.9 32.1 33.5 30.1		35.8 39.0 39.5 40.7 37.3	- 1.7	40.4 44.2 44.6 45.0 42.0	- 2.8	53.5 57.7 57.7 58.0 55.4	.5	65.9 67.7 69.4 66.9 67.0	1.8	72.5 74.3 76.1 73.2 73.3	.5	75.9 76.4 78.1 75.9 76.1	- 1.1	75.6 75.1 76.7M 75.2 75.6	8	72.5 72.8 74.0 73.4 73.1	3.2	59.9 61.2 60.2 61.2 60.3	2.5	47.4 48.9 50.6M 49.7 48.7	.6	37.6 40.4 42.0M 42.0 38.9	1.1	55.4 57.5 58.4M 57.9 56.5	<u> </u>
EW CANTON ARTLOW 3 WNW ICHMOND WSO	32.4 26.4 30.1		38.5M 34.3 37.1	- 1.2 - 2.8	43.8 38.5 42.9	- 2.4 - 4.8	57.0 52.0 58.2	.6	67.6 63.6 69.1	2.5	70.1	1.0	72.3		75.2 H 78.0	2.0	69.8	4.6	61.1 55.0 62.9	3.3 4.2	49.0 42.1 49.9	1.3	40.3 32.1 40.4	1.3	57.3M 58.1	:
DIVISION * *	30.7	- 6.1	38.5	- 1.4	43.0	- 3.6	56.7	2	67.6	1.5	73.9	.0	75.5	9	76.0	.1	73.3	3.6	60.6	1.9	′ .7	٠.	40.4	1.2	57.2	١.
ESTERN PIEDMONT 03	20 1		34.7		40.5				48.7						72. 1				ا ا							
PPOMATTOX 3 W EDFORD HARLOTTE COURT HOUSE HARLOTTESVILLE 2 W HARLOTTESVILLE 1 W	29.1 33.3 30.3 30.2 29.6M	- 7.0	39.6 37.1 36.7 37.7M	- 1.7	45.0M 43.2 42.3 42.3M	- 3.0	55.0 59.1 57.3 58.6 57.0M	.0	65.7 67.6 66.6 68.4 68.0M	2.1	72.7 72.9 73.5 74.0 73.7H	.3	76.1		73.3 74.2 75.0 76.2 76.3M	.2	71.3 71.3 73.2 74.2	4.3	58.5 59.2 60.5 61.1 61.0	1.6	48.5M	3	38.5 41.0 40.9 39.9 40.2m	1.2	55.0 57.3M 56.9 57.0	
HATHAM 2 NE ANVILLE-BRIDGE ST ALIFAX 2 SSE YNCHBURG WSD ARTINSVILLE FILT PL	31.2 31.6 31.3 29.4 30.8	1	38.3 39.0 37.6 36.3 38.5	1	43.3 45.5 43.4 41.1 43.8	- 3.5 - 3.2 - 4.4	57.3 59.6 57.1 56.0 57.5	2	68.3	1	73.2 75.5 74.3 73.0 71.9	7	77.8 77.1	7	74.4 76.7 75.5 73.6 73.8	- 1.1 7 - 1.2		3.5 4.4 4.4	59.7 61.7 60.4 60.0 58.7		47.6 49.2 48.3 47.2 46.2		40.9 43.6M 40.9 39.3 40.1	2.6	56.8 58.7M 57.3 55.9 56.2	:
HILPOT DAM 2 DCKY MOUNT TUART 1 SSE YE RIVER 1 SE DIVISION	29.9 29.7 32.2 30.3		36.7 36.2 38.2 36.3	- 3.4	41.9	- 3.9	56.4 56.4 59.4 56.5	.4	65.4 65.7 66.8 67.4	.8	71.5 71.3 71.4 74.0	8	74.7 74.7 74.6 75.7	- 1.0	74.0 73.4 72.9 74.7	- 1.0	70.0		58.9 58.0 57.4 59.7		46.6 45.6 44.9 47.3		40.2 39.6 38.8 39.1		55.8 55.4 56.0 56.4M	1.
* * * * ORTHERN 04	3010	",		- 2.00	431.	- 511	27.2	.,	0017	''	13.1		1	'	,,,,,	·	,2.0	3.0	37.0	• '	• • • • • • • • • • • • • • • • • • • •		40.2	••	20.0	
LEXANDRIA CITY GARAGE ERRYVILLE IG MEADOWS ULPEPER LKWOOD 6 SE	28.1 25.5 21.0 26.9 27.9	- 9.5	35.1M 34.0 27.8 35.8 36.1	- 2-1	39.9 38.6 31.7 40.2 40.9M	- 5.3	53.5 53.4 46.2 55.4 56.8M	7	66.8 65.5 58.2 66.4M 65.8M	. 9	73.0 70.8 63.6M		77.3 74.1 66.9 75.3 74.9		76.9 73.6 66.1M 73.6M		73.5 69.9 63.2 71.0	2.0	60.7 57.8 50.9 58.8M	.6	47.9 44.5 38.4 45.8	- 1.2	38.6 36.1 30.8 M		55.9M 53.7 47.1M	
ALLS CHURCH 2 SW INCOLN UKAY 5 E ANASSAS OUNT WEATHER	27.4 27.3 25.1 27.8M 23.1	- 8.4 - 7.3	35.6 35.6 32.8 35.8 29.2	- 1.1 - 1.9	40.9 40.3M 37.8 41.0	- 3.7	54.1 54.8 52.5 54.2 48.8	2	67.5 66.5 64.2 67.6		73.0 72.1 72.6 68.2	- 1.4	76.6 75.9 72.3 76.6 71.1	- 1.5	75.8 75.2M 71.7 75.6 71.9	- ,8	72.3M	2.7	59.7M 60.0M 56.3 59.8 54.6	1.7	45.9 44.4 47.4	1	-	i	55.4M 55.8M 50.7	<u> </u>
IEDMONT FIELD STATION ARRENTON 3 SE ASHINGTON ASH OC-DULLES WSD ASHINGTON NAT AP WSD	26.1 26.0M 30.5 23.9 30.0	- 6.9	35.3 33.7 32.7 37.1	7	40.1 38.6 38.5 37.8 41.9	- 2.9	54.1 52.8M 51.9 52.5 55.3	4	65.6 65.4M 63.9 63.5 68.3	2.5	72.7 71.6M 69.3 68.9 75.2		75.4 74.6 73.6 74.0 79.2	1	74.5 75.0 72.4 72.2 79.0	2.5	71.1 71.4 67.7 69.1 75.0		58.9 59.3N 55.8 56.3 62.5	ĺ	47.0 46.7 44.3M 45.7 49.3		37.2 37.6m 37.0m 36.3		54.8 54.4M 52.7 57.7	
AVERLY HILLS INCHESTER 1 N DODSTOCK	29.2 26.7 27.9	- 8.2 - 6.0	36.7 33.7 35.4		39.1 40.1		54.0	2	66.7	2.4	71.5 71.9M	7	-	- 1.0	-	3	71.6 71.3	3.6	58.6 55.9H	1.3	-	6	36.7 36.6M	.5	54.4 54.5M	
DIVISION	26.7	Į.	34.3	i	38.9	- 3.8		4	65.3	1.7	l	4	1	į.	73.9		70.6		57.9		45.5	l	36.7		54.1	
* * * ENTRAL MOUNTAIN 05																								:		
UCHANAN ATAWBA SANATORIUM OVINGTON FILT PLANT ALE ENTERPRISE OT SPRINGS	30.7 29.3 30.0 26.2 25.5	- 7.1 - 8.8	37.7 35.6 36.4 34.1 31.4		39.2	- 1.9 - 1.2 - 3.0 - 1.4	55.6 56.8 52.5	1.1 1.5 3	67.3 65.3 65.5 64.3 63.0	2.5	72.6 69.6 70.5 69.9 67.4	1 2		.3	74.6 71.8 72.6 72.7 70.7	.,	72.4 70.4 70.3 70.2 68.3	3.6 4.1 4.2 5.6	57.8 57.7 57.7	2.0	45.6 44.8 45.1M 43.9 42.5		39.1 39.2 36.1	1.8	56.6 54.6 55.1M 53.5 51.9	
EXINGTON Onterey	28.6	- 8.8	35,9	- 2.7	42.9	- 2.2	56.1 48.8	.6	65.6 59.4	2.4	71.9 63.9M	.3	75.5 67.1	.4	73.8	.0	71.7	4.0	59.1 49.3	2.2	45.7	3	38.3	.6	55.5	ļ

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA 1970

	Jan	uary	Feb	ruary	Ma	rch	Ap	ril	Ma	ıy	Ju	пе	Ju	ly	Aug	gust	Septe	mper	Octol	ber	Nove	ember	Decer	nber	Ann	ual
Station	Temperature	Departure	Тетрегати	Departure	Temperature	Departure	Temperature	Departure	Тепрегатиге	Departure	Тетрегавиге	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
TIMBERVILLE 3 E	25.6	·	34.5		39.3		52.8M		66.2		71.1		73.8		73.1		70.4		58,3		44.9	\vdash	36.7		53.9M	
DIVISION	27.4	- 8.6	34.4	- 2.6	40.3	- 2.8	54.1	. 2	64.7	1.6	69.7	8	73.2	• .7	72.5	.0	70.3	3.9	57.0	.9	44.7	3	37.6	1.1	53.8	.7
* * * SOUTHWESTERN MOUNTAIN D6															i											
ABINGOON 3 S BLACKSBURG 3 SE BURKES GARDEN CHILHOWIE 1 S FLOYO 2 NE	28.4 24.5 23.3 23.6 26.6M		36.6 31.0 30.2 32.3 34.4	- 4.1	45.1 38.7 38.9 42.0 40.8		57.7 50.4 51.1M 53.6 53.7	1.4	65.1 60.4 58.9 61.6 60.7M	1.1	69.9 66.5 63.98 68.0 65.78		73.5 69.8 67.3 71.3 70.3H	-	73.0 68.9 66.3M 69.9 68.5M		67.5 67.0H	1.8	59.9 53.7 53.3M 55.4 54.6	1.9	45.7 41.5 40.2 42.1 42.5	- ,4	40.5 34.9 35.2M 36.9 37.1	1.6	50.6 49.3M 52.0 51.8M	8
GALAX RADIO WBOB SRUNDY 1 NW MARION EVAP STATION PENNINGTON GAP PULASKI 2 E	28.7 26.2 28.1 28.9	- B.	35.3 34.5 36.2 36.8	- 1.4	43.9M 42.6 45.9 42.6		54.7 55.2 57.5 54.7	3.6	61.9M 61.8M 63.4 64.8 63.3	1.7	67.6 - 69.3 69.2 68.5	- 1.3	71.7 72.1 74.7 72.6	1.0	69.7 72.0 73.6 70.6	.8	68.0 69.8 71.3 68.7	4.0	56.1 - 57.8 59.0 56.6	2.5	43.7 44.5 44.7 44.3	.7	39.2 40.5 39.0 40.6 38.9	3.6	53.4M 53.9 55.5 53.9	.8
ROCKY KNOB ST PAUL SALTVILLE 1 N STAFFORDSVILLE 3 ENE #ISE 1 SE	28.9	-10.0	32.9M 35.2 33.3	- 2.5	45.5		57.5 56.2	2.8	63.8 67.5 65.9 - 62.5	1.7	67.1H 69.5 71.8	1	70.1 72.1 74.4 70.1	3	69.3M 73.2M 74.3 69.8		67.1M 71.2 71.7 68.3		59.4 56.3	2.4	45.9	1.1	38.2 38.9 39.0 39.6	2.1	55.6 52.9	.3
MYTHEVILLE 1 S	26.2	-10.0	34.6	- 2.5	40.7	- 2.2	53.2	. 2	63.1	1.5	68.4	5	71.9	.0	70.0	8	68,6	3.6	57.3	2.3	44.3	.3	38.2	1.9	53.0	6
DIVISION	26.6	- 9.0	34.1	- 2.7	42.4	3	54.6	1.4	63.0	1.0	68.0	- 1.3	71.6	7	70.7	6	68.4	2.9	56.6	1.4	43.5	2	38.4	2.4	53.2	

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 THE JANUARY, APRIL, SEPTEMBER, AND DECEMBER 1970 ISSUES OF THIS BULLETIN.

TABLE 2							//AL	FRE	CIPII	A 11C	JN P	וטאו	JEFA	KIUI	(E) F	KUN	1 140		٦L					1	970	1
	INAL	JARY .	FEBRI	JARY	MA	ксн	API	RIL	**	Υ	101	NE	Jul	LY .	AUG	UST	SEPTE	MBER	осто	DBER	NOVE	MBER	DECE	MBER	ANI	NUAL
STATION	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
* * * TIDEWATER 01																										
BACK BAY WL REF BUHANNON 1 NE BOYKINS CAPE HENRY WSO R CHERITON	2.69 2.20 2.58 -		4.43 3.75 3.72 4.58		2.45 4.46 3.52 - 5.42		4.77 3.10 3.69 3.92		3.34 2.21 1.32		2.99 2.06 - 3.15		6.94 7.75 - 4.64		4,62 2.44 3.93 3.71	- 1.43	1.26 4.02 2.10	,	1.28 1.55 2.23 E 1.03		4.25 4.02 - 2.89		3.73 2.42 2.56 -		42.75 39.90 - E 35.20	ei
CHINCOTEAGUE WL REF COLONIAL BEACH DIAMOND SPRINGS ORIVER 4 NE EMPORIA 1 WNW	E 2.84 1.77 2.76 E 3.05 1.89	87	E 3.79 2.91 4.47 E 4.77 2.90	.46 1.02 44	4.21 3.93 3.63 3.18 4.49	.73 30	2.54 3.85 3.33 4.92 2.51	.71 04 92	4.09 2.40- 2.60- 2.76 1.61-	- 1.06	4.02 1.61- 5.14 3.04 2.39-		2.22 3.42 5.95 6.02 6.40	- 1.13 24	3.07 1.73 4.05	- 3.97 - 3.51 98	1.48 2.79 1.60 1.69	- 2.88	2.10 2.23 1.55 1.76 3.05	75 - 1.62	2.43 5.89 2.55 2.96 1.23	78	1.98 4.47 2.87 2.55 2.09	- 1.52 - 09	E 32.14 35.79 39.55 E 38.45 33.84	9- 3.76 2- 9.02
FORT LEE FREDERICKSBURG NATL PK HOLLAND 1 E Hopewell Langley air force base	1.29 1.33 2.56 1.30 2.77	1.77	2.48 3.11 4.80 2.39 4.97	- 1	4.55 3.03 3.64 3.81 4.46	25 .65 1.04	3.95 4.98 3.62 3.19 4.72	1.88 15 1.69	2.55 4.25 2.51 1.69 1.83		2.58 1.80- 1.58 3.44- 2.83-	79	11.58 7.16 6.24 3.83 6.32	2.27 - 2.03	3.27 1.98 4.94 4.02 4.37	- 1,08	1.72	- 2.60	E 1.75 2.90 1.82 1.72 1.15	- 1.16	E 2.87 5.10 2.49 3.35 2.69	.59	E 2.30 3.04 2.61 1.78 3.96	.24 - 1.00 1.39	E 40.46 42.11 38.61 E 31.81 42.61	.84 -11.83
NASSAWADOX NELSONIA NEWPORT NEWS PRESS BLD MORPOLK WSO PAINTER 2 W	2.25 2.12 3.61 2.27 2.32	- 1.06	3.56 3.60 4.58 3.97 3.43	.76	4.75 4.61 4.90 3.37 4.93	08	3.63 1.24 5.75 3.19 3.17	.03	1.71 1.22 1.55 2.58 2.23	. ,76	3.98 3.42 4.10 4.72	.49	7.16 5.57 5.33 5.65	59	1.38 3.93 2.04	- 3,93	2.72 3.26 1.72 2.35		1.03 1.26 1.30	- 1.62	1.72 2.34 2.50		2.42 2.81 3.01 2.56	-27	36.81 42.36 35.21 36.21	9.72
PARRAMORE BEACH L B S QUANTICO 1S STONY CREEK 4 SM SUFFOLK LAKE KILBY SUNYBANK	2.27 1.90 2.39 2.44 1.59	- 1.26	1.91 3.25 2.95 4.96 2.76	. 89	4.59 3.23 5.73 3.20 3.80	.01	6.23 5.73 3.54 4.11 2.82	2.65	1.15 2.74 2.74 1.92 2.24	. 73	2.45 1.54- 7.60 2.17	- 1.72	5.11 2.91 6.30 7.83	- 1.67	2.26 3.02 2.29	2.65	2.06 2.06 1.24 1.59	- 1.23	1.43 2.84 1.99 1.86	- 11	5.94 5.94 2.16 2.18	4.15	2.63 3.32 2.12 3.30	.52	35.05 38.72 41.75 37.85	- 1.15
TANGIER ISLAND URBANNA MAKEFIELD 1 NW WALKERTON 2 NW WALLACETON LK DRUMMOND	1.66 2.03 1.33 3.00	64	2.41 3.20 1.93 5.51	1.86	1.78 4.69 4.07 3.04 3.33	- ,62	1.25 2.84 4.22 2.90 3.98	. 22	1.00 2.57 1.94 1.93 2.72	1.26	3.00 2.75 4.49 1.52 2.23	- 2.26	3.00 4.45 9.48 4.92 8.02	1.29	3.01 1.74 .99 2.35	- 3.57	2.03 1.78 1.97 2.04	- 2.33	1.50 1.40 1.50 1.41	- 1.79	4.82 3.23 4.11 2.24	- 1,21	2.88 3.02 2.47 3.16	10	35.61 40.60 28.61 40.01	a a
WALLOPS ISLAND WSO Warsaw 2 NN West Point 2 SW Williamsburg 2 N	2.41 1.16 E 1.34 1.96		4.18 1.92 2.36 2.78		4.77 3.27 3.89 4.56		2.70 2.72 2.74 3.08		2,34 3,37 1,61 2,37		2.71 4.33 2.46 2.41		4,83 5,36 5,38 8,06		.99 .57 1.30 2.28		1.20 1.27 2.30 2.15		1.40 1.70 1.56 1.65		2.19 5.26 4.41 4.72		2.71 2.63 2.25 2.37		32.45 33.56 8 31.66 38.39	
DIVISION * * *	2,09	- 1.28	3.24	.22	4.01	.48	3.58	.35	2.29	1.32	3.14	43	5.83	• 4 2	2.47	2.90	2.05	- 1.83	1.65	- 1.41	3,52	.54	2.76	08	36.63	7.24
EASTERN PIEDMONT OR AMELIA COURT HOUSE ASHLAND I SH BLACKSTONE FAA AP BREMO BLUFF BUCKINGHAM	2.02 E 1.21 1.36 .88		3.08 3.09 2.94 2.60		2.53 3.39 2.71 3.65		3.57 2.80 3.04 2.99		1.01		.64 3.74 .77		9.22 5.86 2.80 7.12		2.51 2.78 2.38 3.83		.99 - .43 .77		3.11 3.75 3.49 4.30		3.59 - 3.43 4.43 3.89		2.04 - 2.13 2.13 1.94		34.24 29.29 35.89	
CHASE CITY CLARKSVILLE COLUMBIA CORBIN FARMVILLE 2 N	1.44 1.33 1.02 1.28 1.49	- 2.33 - 2.22 - 2.31	2.70 3.56 3.40 3.35 3.28	.24 .76	3.80 3.59 3.19 3.91 2.96	J	3.14 3.10- 2.87- 4.24 3.70	71 62	1.65 2.06- 1.66- 2.38 1.67-	2.13	.55 3.93 .67 2.25	2.54	1.17 2.16 3.29 6.34 7.31	2.78 1.34 2.49	3.68 3.97 2.16 1.45 3.07	2.13	1.10 1.71 1.04 2.01 1.63	- 2.74	3.31 2.50 3.61 3.08 3.64	23 .67	3,20		2.60 1.91 2.33 3.14 2.26		28.34	-12.71 -11.99
GDRDONSVILLE 3 S JOHN H KERR DAM LAWRENCEVILLE 5 W LOUISA NEW CANTON	1.00 1.28 1.36 1.53	- 2.17	2.47 2.97 3.15 2.81 2.85	02	2.95 3.53 4.31 3.41 3.33	42	2.41 3.24 2.95 4.45 3.05	63	1.50 1.93 2.16 1.80 3.20	.56	.70 3.40 3.49 .35	2.52	5.80 4.70 8.84 4.10 3.07	- 1.50	2.47 3.53 4.55 2.49 2.29	2.23	1.68 1.78 .82 1.03	- 2.86	3.92 3.00 3.34 2.83 3.93	1.05	4.53 3.53 2.37 5.53 4.94	2.01	2.66 2.15 2.34 2.84 2.27	1.04	32.09 35.04 39.70 33.17	
PALMYRA 1 E Parylow 3 wnw Richhond WSO R State Farm	1.17 2.30 1.32 1.28	- 2.14	2.83 3.40 2.37 2.96	53	3.02 3.95 3.70 3.62	.28	3.51 5.25 2.84- 3.21	. 31	3.35 3.75 1.84- 1.75	1,88	.02 1.45 1.12 1.58	2.63	5.33 7.00 4.74 4.62	97	2.13 1.40 1.69 1.40	3.85	.79 1.65 1.02 .73	- 2.63	3.42 3.30 1.55- 3.09	1.45	4.77 5.55 3.10 3.84	.06	2.16 3.20 3.00 2.11	•03	32.50 42.20 28.29 30.19	-15.92
DIVISION	1.47	- 2.04	3.04	.07	3.50	. 21	3.51	.02	2.04	1.65	1.61	2.06	5.47	-36	2.63	2.15	1.18	- 2.46	3.20	.28	4.15	1.15	2.53	56	34.33	- 9.27
WESTERN PIROMONT 03	1.14		2.38	ĺ	2.22	1	1.96		2.23		. 97	İ	6.32	1	5.92	ļ	1.85		5.40		3.31		1.67		35,27	
APPOMATTOX 3 W BEDFORD BROOKNEAL CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W	1.02 1.31 1.34 1.45	- 2.15	2.23 3.18 2.76 3.25	.26	2.94 2.13 2.70 2.93	}	2.86 4.25 2.90 3.75	.77	2.70 2.74 2.42 2.58	Ì	.77 .76- 1.38 1.73		6.59 2.84 4.91 5.00	1.64	3.96 5.86 5.33 4.33	.73	1.06 2.54 1.30 2.07		4.96 7.44 4.08 3.29	4.44	3.50 3.95 3.97 3.51	1,05	1.73 2.10- 1.66 1.92	1	34.32 39.10 34.75 35.87	- 5.77
CHARLOTTESVILLE 1 W CHATHAM 2 NE CONCORD 5 S DANVILLE-BRIDGE ST	1.27 1.71 1.16 1.87	- 1.73	2.32 3.10 2.32 3.31	.0z	2.93 3.30 2.86 2.67	. ,50	3.11 3.29 2.50 2.66	· .28 · .27 · .99	2.97 3.22 2.65 3.59	.46 .45	1.36- 1.11 2.08- .44 5.01	- 1	6.85 5.81 6.37 5.47	1.99 1.43	2.97- 2.56 4.99 5.92 6.07	1.82	1.73 1.47 .80 1.74	3.30	7.57 6.64 4.60 5.60 4.01	1.72	6.24 4.99 3.77 3.89 2.80	.81	2.80 2.27- 1.70 2.07-	1.03E	39.02 38.94 37.15 39.93	- 4.52 - 4.00
FREE UNION HALIFAX 2 SSE HOLODMBS ROCK HUDDLESTON 2 SW LYNCHBURG WSO R	j	2.13	2.75 3.25 3.28 2.57 2.39	.26	3.02 3.37 2.34 2.04 2.36	1,25	3,49 3,26 3,12 2,32 2,82	.32	5.73 2.48 3.22 2.46 2.12	1.09	.65 1.84 .60 .81	3.32	7.63 4.12 4.40 4.90 4.72	.51	5.30 3.27 7.85 6.01 3.62	.79	1.21 .47 2.53 3.65	2.58	4.18 4.16 7.99 5.90 5.25	2.61	5.16 4.25 5.13 2.63 4.01	1,43	2.68 2.42 2.20 1.87 2.90	. 24	42.95 34.36 44.29 36.22 32.87	
MARTINSVILLE FILT PL MEADOWS OF DAN 5 SW MONTEBELLO 3 NE PEDLAR DAM PHILPOT DAM 2	2.21 1.61 1.92 1.72 1.35		2.87 3.76 4.37 3.59 2.80		2.46 2.52 3.14 2.88 3.06		3.12 3.93 3.69 3.72 3.76		2.94 3.51 3.54 2.82 2.91		3.33 9.19 .89 .77		6.35 11.96 5.96 3.06 7.35		6.96 8.49 1.82 4.12 6.83		.80 3.83 .91 .96 1.13		4.44 6.05 10.05 6.26 9.04		3.00 2.11 5.74 4.98 3.06		2.69 2.86 2.86 2.31 2.20		41.17 59.04 44.89 37.19 46.18	
RANDOLPH ROCKFISH ROCKY MOUNT STUART 1 SSE TYE RIVER 1 SE WOOLWINE 4 5	1.66- 1.17 1.27- 1.93 1.23	- 1	3.54 2.89 2.39 2.47 2.93	.59	3.22- 3.51 2.38- 2.02 3.19	- 1	3.50 4.25 3.46 4.58 3.28	.03	2.84- 2.59 3.30- 4.27 2.18	1.26	1.74- .46 2.78- 6.24 .88		5.38 4.11 4.29 9.90 6.74	.74E	4.47- 3.58 6.08 8.32 2.50 8.10	.34	2.08 1.06 .99 3.01 .81		3.63 8.14 7.27 8.78 6.37	.76 3.95	3.82 5.97 3.43 2.41 4.09	.53	2.23- 2.55 2.01- 2.68 2.41	.95E	38.11 40.38 39.65 56.61 36.61	- 3.56
DIVISION	1.49	1.93	2.82	.22	2.79	1.15	3,40-	. 28	2.96-	1,00	2.24-	1.84	5.98	1.16	4.88	.25	1.29-	2.78	5.99	2.88	3.79	,68	2.36-	.96	39.99	- 4.99
NORTHERN 04 ALEXANDRIA CITY GARAGE ANISSVILLE BERRAVULLE SIG MEADONS CULPEPER ELKWOOD 6 SE	1.38 1.27 .92 1.59 2.43	- •60	2.98 2.59 2.20 3.56 3.86	1.31	3.09 2.56 2.91 2.88 3.16	.22	5.55 2.88 3.99 4.75 4.07	.43	4.57 1.56 2.00 2.59 2.35	1.75E	2.93 2.68 6.47 2.66 2.04	1.64	6.38 4.64 7.09 6.28 7.03	2.23	1.81 2.74 3.11 3.78 6.26	1.68	1.82 1.23 .68 1.27 2.45	1,17	2.27 4.98 3.68 8.07 3.38	.24	6.06 5.06 6.92 7.51 6.39	3,41	3.15 2.68 3.19 3.06 2.04	. B 3 E	41.99 34.87 43.16 48.00 45.40	3.29
l	İ	I	ŀ	!		1	!	ı	See Re	ference	Notes F	ollowing	Station :	index	ļ	ı	1	1	1	ŀ	1	1	-	1		
											- 161															

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2 - CONTINUED

TABLE 2 - CONTINUED																~										
	JANUAR	Y	FEBRUA	RY	MAR	сн	APR	IL	W.	v	101	NE .	וטנ	.Υ	AUG	UST	SEPTE	MBER	octo	BER	NOVE	MBER	DECEM	BER	ANI	NUAL
STATION		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
FALLS CHURCH 2 SW GROVETON LINCOLN LURAY 5 E MANASSAS	1.33 1.17 .88- 1.20 2.56	2.15 E	2.58 3.46 3.39 2.17 2.91	.65	3.31 3.23 3.23 2.31 2.30	.55	4.62 6.95 5.17 2.65 3.95	1.64	2.13 3.71 2.26 2.37 2.39	- 1.90	2.40 2.48 2.09 3.96 3.38	- 1.50	6.32 4.02 7.13 8.45 7.03	2.87	2.41 1.29 3.17- 2.49 1.30	- 1.57	2.18 1.50 1.44 1.72 1.57	- 1.89	2.40 E 2.57 3.19 3.11 3.39	28	5.94 5.76 6.12 5.23 5.46	3,24	3.45 3.17 3.25 3.43 3.03	.13	39.07 39.31 41.32 39.29 39.27	- 1.31
MOUNT WEATHER PIEDMONT FIELD STATION RAPIDAN RIVERTON SOMERSET	1.39	1.57	2.17- 2.35 2.63 1.81- 2.76	.16	2.24- 2.82 3.14 2.04- 2.45	1.02	4.44 3.89 3.14 3.13 2.75	1.13	1.91 3.43 3.93 2.12 2.88	- 2.38 - 1.75	4.04 1.27 1.28 4.83 1.07	.48 1.62	7.24 5.03 6.55 6.38 6.36	3.41 3.00	1.09- 1.30 1.18 2.43- 2.32	- 3.40 - 1.33	1.09- 1.59 2.16 .83- 1.67	- 2.68 - 2.03	4.15 3.61 3.82 5.85 4.34	.45 2.44	6.56 4.71 5.15 5.75 4.99	3.67	2.97 2.65 3.12 2.54 2.62	.16	39.00 35.04 37.90 41.42 35.62	6.05
THE PLAINS 2 NNE VIENNA DUNN LORING WARRENTON 3 SE WASHINGTON WASH DC-DULLES WSD	.88 1.27 1.09 .72 1.32	E	2.62 2.96 .78 1.85 2.76		2.66 2.93 2.87 2.12 2.98		4.31 4.37 3.94 3.34 4.19		3,10 2,04 2,65 2,39 2,86		2.57 3.73 2.00 4.77 2.48		10.05 5.48 7.76 6.29 6.00		2.20 2.23 2.78 2.52 2.65]	1.06 1.02 1.63 .92 1.03		3.03 2.80 4.50 6.44 2.79		5.54 5.47 5.48 9.17 6.00		2.99 3.45 2.58 2.69 3.88		41.01 37.75 38.06 43.22 38.94	
MASHINGTUN NAT AP WSO R WAVERLY HILLS Winchester 1 N Woodstock	1.35 .86-	1.79 1.53 1.51	2.69 3.11 2.13 1.90	.22 .01	3.30 2.60	.14	5.35 4.36 2.89	2.20 1.25	1.69	- 1.35 - 2.41 - 2.66	2.80- 4.95 4.43		5.64 0.26	3.97 1.40 4.46	3.76- 2.78-	- 3.81 40 - 1.48	1.57	- 2.26 - 1.97 - 1.27	2.05 3.39 2.21	06	5.77 7.15 3.42	2.93 4.56 1.29	3.33 3.21 2.39	.55 .73 .17	39.62 41.44 34.34	
DIVISION	1.30-	1.51	2.55	.20	2.82	.55	4.20	.67	2.54	- 1.59	3.26	41	6.83	2.52	2.65	1.91	1.53	- 1.90	3.62	-17	5,99	3,16	3.03	.23	40.32	72
CENTRAL MOUNTAIN 05 BUCHANAN BUENA VISTA CATAMBA SANATORIUM CLIFTON FORCE CODYES STORE		1.47 1.64 1.37	2.14- 2.36 2.14- 2.57- 1.98	.79 .76	2.19 2.15 2.09 2.18 3.22	1.52	1.84- 3.30 2.97- 3.17 3.12	í	2.15 3.65 1.53 1.69 2.27	- 2,49	2.24 1.56 5.41 2.58 4.54	1.39	3.88- 3.21 4.01- 3.52- 5.10	55	5.00 1.85 5.38 3.52 2,38	.33 .87	1.83- 1.03 2.03- 1.28- 2.58	- 1.88 - 1.65 - 2.03	4.95 5.21 7.15 5.26 8.51	1.53 3.98 2.32	3.99 4.89 4.35 3.85 3.70	.90 1.76 1.11	1.70- 2.47 1.81- 1.89- 2.10		33.69 33.33 40.36 33.23 35.22	- 2.14 - 7.51
COVINGTON COVINGTON FILT PLANT CRAIGSVILE DALE ENTERPRISE DEERFIELD 1 S	1.26 1.32 1.29 .90-	1.26	2.18 1.66 2.82 1.86 2.48	.09	1.78 1.91 2.62 2.21 2.54	.66	3.07 3.05 3.49 2.90 3.42	.31	.68 .71 2.18 2.96 1.47	- 1.04	4.17 5.31 2.38 1.85 2.56	- 1.94	5.83 4.67 3.53 3.73 3.94	. 84	2.17 2.86 3.17 4.52 2.04	.21	1.73 1.98 .99 2.39-	75	2.76 2.81 3.92 4.01 4.06	1.38	2.57 2.78 4.47 3.15 4,44	1.05	1.50 2.16 2.49 1.30	. 93	29.70 31.22 33.35 31.78 30.83	
GLASGOW 1 SE GOSHEN HOT SPRINGS KERRS CREEK 1 WSW LEXINGTON	1.59 1.25 1.13 1.67 1.36	1.85	4.40 3.57 2.90 3.25 2.11-	.06	2.50 2.42 2.39 2.24 2.33	ì	3.21 3.51 3.44 3.52 3.12	.32	2.89 1.28 2.21 1.22 1.83		.79 1.52 3.27 2.82 1.46		3.67 3.03 4.70 1,88 4.47	.52	3.92 2.76 3.30 2.51 2.69		1.78 1.32 1.99 .41	- 1,23 - 2,54	10.14 5.66 5.56 6.45 5.00	2.62	4.75 5.37 4.14 3.68 4.05	1.37	2.25 2.26 2.54 1.87 1.96	.34	41.69 33.95 37.57 31.52 31.25	- 3.81
MC DOWELL MONTEREY NEW CASTLE NORTH RIVER DAM PEAKS OF OTTER	1.35 .67 1.58 1.02-	1.66	2.13 3.12 1.94 2.76 4.56	.33	2.18 2.84 1.77 2.94 2.95	.40	2.78 6.75 2.71 3.08 4.91	. 13	.82 .76 2.13 2.49 4.64		1.53 3.76 2.15 2.88 2.44	- 1.33	7.22 4.93 4.52 3.84 2.66	- 1.18	2.45 3.44 4.42 4.22 5.77	. 67	1.11 1.11 .64 1.12	- 2,57	1.42 5.09 6.90	3.86	2.64 5.82 3.83 4.38 7.16	1.67	2.41 2.60 1.38 3.68 2.51	1.07	30.36 34.62 32.16 39.31 53.27	- 2.45
ROANDKE WSD R STAUNTON SEMAGE PLANT STUARTS DRAFT TIMBERVILLE 3 F	1.31- 1.16- 1.13 .80-	1.81 1.51 1.38	2.36- 2.38 1.85 1.84-	.50 .27 .19	1.95- 2.35- 1.94 2.78-		2.80- 3.09 3.11 2.99	• •30 •11	1.51 1.95 2.43 1.71	- 2.26 - 1.79 - 2.05	4.87 2.05 .67 4.37		3.28- 3.31- 2.97 7.05	97 70 2.80	6.40 3.88 1.61 4.73	1.77 .06	.51	- 1.27 - 2.00 - 1.73	7.51 4.27 4.82 3.00	4.30	3.67 4.01 5.15 3.40	.97 1.60 1.27	2.81 1.92 1.89 2.81		40.46 31.66 28.08 37.15	- 5.76
DIVISION	1.30-	1.60	2.46-	, 15	2.36-	1,13	3.44	.37	2.00	- 1.86	3.37	50	4.19	16	4.36	ов	1.71	- 1.66	5.22	2.20	4.05	1.44	2,19	.64	36.65	3.77
* * * ** * * * * * * * * * * * * * * *	3.29 1.16 1.40 1.70 2.86	1,04	2.51 1.06 1.58 1.33 2.16	1.46	2.48 1.00 2.00 1.95 1.70	2.71	6.85 3.53 3.32 3,65 3,33	15	1.95 3.33 2.09 .95 1.83	- 2.11	3.02 2.78 3.80 7.20 5.89	1.82	3.69 2.35 7.25 2.15 2.32	- 2.49	5.50 3.70 5.44 6.45 4.93	.61	2.39 1.00 2.78 2.55 2.64	59	4.11 3.32 3.52 4.40 3.89	1,50	2.37 1.11 3.57 2.15 2.80	19	3.53 1.35 2.45 2.30 3.03	.34	42.69 25.69 39.20 36.78 37.38	
BYLLESBY 3 W CHILHOWIE 1 S CLINCHCD COPPER HILL 1 NNE DAMASCUS	1.21 3.46 1.40 .93 2.40-	1.53	1.64 2.66 3.23 2.01 2.84	1.07	2.05 2.48 1.47 .80 2.26	2,04	3.77 6.67 4.30 3.73 5.93	2.34	2.04 1.06 2.03 2.09 1.50	- !	4.35 1.73 E 1.71 4.91 3.31	81	3.49 3.77 2.18 3.21 3.38	2.58	6.68 4.33 2.33 7.35 6.31	1.88	.79 2.90 4.44 2.40 2.54	36	4.59 2.60 2.79 10,10 2.56	. 22	1.81 3.12 1.49 3.87 2.52	29	1.10 3.51 2.12 1.67 3.31	.03	33.52 38.29 29.49 43.07 38.86	
FLOYD 2 NE GALAX RADIO WBOB GLEN LYN GRUNDY 1 NW HILLSVILLE 1 S	.95 1.18 1.06 1.00	1.82	2.98 2.08 1.80- 3.49 2.73	1.05	1.66 1.07 1.33	2.20	3.68 4.18 3.31 	. 28	2.14 2.18 1.00 2.11 3.54	- 2,39	2.79 3.83 3.02 3.27	- ,59	7.11 3.79 2.05	- 2.33	3.20 5.49 5.60 -	1.69	.71 2.97 2.67 -	.11	5.63 4.52 2.58 5.40	.24	2.93 1.44 1.93	34	1.70 1.87 1.62 1.94 1.35	.86	35.48 34.60 27.97 36.83	
INDEPENDENCE 2 JUHN FLANNAGAN RESV. LAFAYETTE I NE MARTON EVAP STATION MENDDTA	.66 E 1.70 1.21 2.49 3.01	1.26	1.73 3.82 1.44 2.17 2.95	.95	1.54 2.04 1.47 2.09 2.11	2,48	4.26 5.23 2.09 5.76 7.61	3.91	2.05 2.04 2.10 1.46 2.67		5.67 2.61 3.41 2.09 3.83		7.71 3.17 3.87 2.77 2.15	- 3.21	5.67 3.18 4.84 4.49 5.37	.99	.91 4.03 1.90 3.10 1.74	- 1.05	3.70 3.14 2.69 1.94 3.16	.71	1.69 2.37 3.02 2.46 2.24	69	1.88 2.69 1.84 2.83 3.19	.35	37.47 36.02 29.88 33.65 40.03	
NEWPORT 2 NW NORTH FORK RESERVOIR PENNINGTON CAP PILOT 1 ENE PULASKI 2 E	.95 E 1.70 E 3.25 1.02	2.03	4.05 4.29 1.58	.59	1.00 2.50 2.76 .82 1.22	2.72	2.40 5.96 9.57 3.87 3.42	5.65	2.55 1.75 2.04 2.33	- 2.10	4.67 2.77 3.69 2.51 3.56	52	3,32 4,23 2,24 5,34 4,44	- 3.36	5.29 4.33 5.37 3.39 5.81	1.13	2.05 3.75 4.67 1.11 1.14	1.91	3.28 3.73 4.89 2.88 2.88	2.45	3.51 1.93 2.13 1.59 2.07	- 1.29	1.64 3.46 4.92 1.36 1.99	. 56	30.10 40.96 49.53 27.51 30.75	.91
RADFORD ROCKY KNOB ST PAUL SALTVILLE 1 N SPEEDWELL	1.12 1.23 - 3.07- .65	.82	1.29 4.36 	1.15	1.68 1.98 1.92 1.52	1	3.12 E 2.94 5.54 3.56	2.35	1.33 .56 2.18 2.12 2.67	- 2.06	2.97 3.44 2.35 2.16 4.31	- 1.64	4.58 5.04 3.40 1.61 6.07	- 3.20	5.20 6.93 5.99 6.03 3.86	1.74	1.22 1.96 .98 3.27 1.14	. 35	2.15 4.78 3.13 3.52	.80	1.65 1.75 2.49 2.30	15	1.51 2.46 3.21 1.55	.03	27.82 37.43 37.08 32.17	- 0.16
STAFFORDSVILLE 3 ENE TROUT DALE WISE 1 SE R WYTHEVILLE 1 S	1.52 2.50 2.00 1.25	1.54	1.82 2.34 2.88 .94-	1.77	1.61 3.88 3.27 1.43	- 1.95	3.65 7.91 5.75 3.41	.50	1.22 1.73 3.13 1.93	- 1.68	2.16 2.76 1.53 4.26		3,17 5,31 4,10 4,89	.53	3.94 7.35 4.89 6.13	2,25	2.34 3.08 3.25 1.77	- 1.13	3.56 6.48 3.02 3.96	1.79	2.13 2.82 3.20 1.39	85	2.02 3.17 3.29 1.58	• • 97	29.16 49.33 40.31 32.94	ì
PIVISION	1.94	1.71	2.44	1.06	1.93	2,22	4.76	1.31	1.83	2.05	3.08	91	3.85	- 1.07	5,32	1,02	2.47	64	3.67	1,15	2.39	30	2.62	.65	36.30	7.13

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

TEMPERATURE EXTREMES AND FREEZE DATA

Table	3
rabie	J

Table 3			- 1	TATE		=		==		_				- - F		_		=						<u> </u>		Numl	ner of	dave	=
				ļ				<u> </u>	g minin	num		-1		_				 -	fall mini				100		1	betw	er of een c	lates	
Station					16° o belov		20° or below		24° or below		28° or below		32° or below		32° or below		28° o		24° or below	<u>, </u>	20° o belov		l6° o		below	below	below	below	below
	Highest	Date	Lowest	Date	Date	Temp.	Date	Temp.	Date	lemp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Тетр	16° or	20° or	24° or	28° or	32° or
* * * TIDEWATER 01						-																							
BACK BAY WL REF BOHANNON 1 NE BOYKINS CAPE HENRY WSO CHERITON	95 94 92	6-18 8-31+ - 9-22	8 4 5	1-10 1-22+ - 1-22	2- 4 2-26 2-24 2- 8	16	2-26 2-26 2-27 - 2- 9	16		22 21	2-26 3-17 3-17 - 3-30	26	3-17 4- 8 	31	11-23 11-18 10-18 - 11-18	29 28	11-24 10-18	18 28	11-24	18 1	1-24	17	NONE NONE 11-25 NONE		274	270	270 254 252 254	215	224
CHINCOTEAGUE WL REF COLONIAL BEACH DIAMOND SPRINGS FORT LEE FREDERICKSBURG NATL PK	93 99 95 103 95	8= 4+ 5=23 9=23+ 6=18 9=23+	- 1	1-10 1-10 1-22+ 1-10 1-22+	2=26 2=26 2= 5 2=26 2=26	14 14 14	2-27 2-26 2-27 2-26 3-17	19	3-17 2-27 3-17	24 23 19 22 22	3-17 3-17 3-17 3-17 3-30	23 27 22	4- 1 3-17 4- 8 4- 8 4- 8	32 30	11-18	30 32	11-24 11-24	15 21	11-24 11-24 11-24 -	15 1 21	NONE	15	NONE		271	271	252 270	252 252	235 246 223 193
HOLLAND 1 E HOPEWELL LANGLEY AIR FORCE BASE NASSAWADOX NELSONIA	98 99 95 94		4 4 7 8	1-22 1-21 1-22 1-23	2-26 2-26 2- 4 2-27 2-26	14 15 16	2-27 2-26 2-26 2-27 2-27	14 18 16	3-17 3-15 2-26 3-17 3-17	23 18 21	3-17 3-16 3-16 3-17 3-17	25 28 21	4- 8 4- 8 4- 8 4- 1 4-11	31 31 31	11-18	30 30	11-24 11-23	17 28	11-24 11-24 11-24 11-25	17 1	NONE	17		15		271	254 271	253 252	193 224 224 230
NEWPORT NEWS PRESS BLD NORFOLK WSO PAINTER 2 W PARRAMORE BEACH L B S QUANTICO 1S	97 95 92 92 94	8-21 9-22+ 9-23+ 9-24+ 9-23+	5 8		2=27 2= 5 2=27 2= 5 2=26	15 15 16	2-27 2- 5 3-17 2-28 2-26	15 20 18	2-27 2-27 3-17 2-28 3-17	23 20 18	3-31 2-27 3-25 3-15 3-30	23 28 28	3-31 3-25 4- 8 3-25 4- 8	32 32 30	11-23	30	11-24	24	11-24 11-24 11-24 12-27	24	NONE	19	NONE NONE 12-28		326	266	270	270	238 243 223 206
STONY CREEK 4 SW SUFFOLK LAKE KILBY SUNNYBANK TANGIER ISLAND URBANNA	100 97 94		0 7	1-22	2=26 2=26 2=26 2= 4 2=26	16 16	3-17 2-26 2-27 2- 5 2-26	16 20 20	3-17 2-27 3-15 2- 5 3-16	22	4- 7 3-17 3-16 2-26	26 28	4-12 3-30	26 31 32	10-17 11-22 - 11-18	32	11-23	28	11-24 11-24 - 11-24	20	11-24	20	NONE NONE		271	252 271 - 271	270	224	163 250 233
WAKEFIEUD 1 NH WALKERTON 2 NW WALLOPS ISLAND WSO WARSAW 2 NW WEST POINT 2 SW	99 96 92 95 98	8-29- 9-23-	- 2	1+10	2-26 3-17 2-26 2-26 2-26	15	2-26 3-17 2-26 3-17 3-17	15 15	3-17 3-17 3-17 3-17 3-17	15	5- 7 4- 8 3-17 3-25 4- 8	28 24 26	4=12 3=30 4=13	31 31 32	10-17 10- 5 11-18 - 10-18	32 32	10-18	28 26	11-18	24	11=24 12=29 =	20	11-24 NONE	16	252	306	252	193 251	176 233
WILLIAMSBURG 2 N	97	6=20	1	1-22	3-18	13	3-18	13	3-18	13	3-25	28	4- 8	30	11-17	32	11-24	18	11-24	18	11-24	18	11-25	16	252	251	251	244	223
* * * EASTERN PIEDMONT 02									j																				
AMELIA COURT HOUSE ASHLAND 1 SW BLACKSTONE FAA AP CHASE CITY COLUMBIA	99 98 105	6-18 5-22	1 4	1- 9	2=20		2-25 3-15 3-16 3-17	19	3-27 3-17 3-17 3-17	21	3-30 3-17 3-19 4-8	21	4- 8 4- 8	31 30	10-17 10-17 10-18 10- 5	31 32	11-17 11-17	28 27	11-24 11-24	16	11-24 11-24	16	11-24 11-24	16	271 271	254	252	245	192
CORBIN FARMYILLE 2 N JOHN H KERR DAM LAWRENCEVILLE 5 W LOUISA	95 96 101 98	6-18 6-20 6-18	a	1-22	3=1° 2=2°	7 15 7 15 7 16 6 12 7 14	3-17 3-17 3-17 3-17 3-17	15 19 19	3-25 3-17 3-17 3-17 4- 8	15	3-31 4-8 4-8 4-8	27 28 27	5- 7 5- 7	30 30 31	10-17 10-17 11- 6 10-17 10-17	29 32 27	10-18 11-17 10-17	28 22 27	11-18 11-17	24 22 12	11-24 11-24 11-24	14 18 12	11-24	14	252 271 271	2 25 1 25 1 25	2 246 2 245 2 252	192 223	163 163 163
NEW CANTON Partlow 3 wnw Richmond WSO	97 98 100	8-30	-16		3-1 3-2 2-2		3-17 4- 8 3-17	3, 18	3-28 4-16 3-17	24	4= 8 4=16 3=25	24	5- 7	1 30	10- 5 -9-29 10-18	25	9-29	1 25	10- 6	24	10-18	15	10-18	1.5	207	7 19:	173	166	151 6 145 193
* * * WESTERN PIEDMONT 03																			1										
APPOMATTOX 3 W BEDFORD CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W	9: 9: 9: 10:	7 = 3 7 = 5 7 = 3	+	1-22- 1-9 1-22 1-8 1-22	3-1 2-2 2-2	7 8 7 16 6 11 6 10 6 12	3-1 3-1 2-2	7 20 7 16 7 20 7 17 7 20	3-30 3-17 3-17 3-16 3-17	16 20 21	4- 8 3-27 3-30 3-30	27 28 27	4- 8 5- 7 3-31	29 32 30	10-17 10-19 10-17 11-17 11-17	32 30 26	11-17 10-18 11-17	28	11-24	23 14 17	11-24 11-24 11-24	15	11-2: 11-2: NON	14	252	2 25: 1 25: 27:	2 245 2 252 0 253	235	5 194 2 163 2 231
CHATHAM 2 NE DANVILLE-BRIDGE ST HALIFAX 2 SSE LYNCHBURG WSD MARTINSVILLE FILT PL	9:	7 = 5 9 6=19 8 7= 1	1	1-8 1-10 1-22	2- 2-2 3-1	6 13 5 10 7 14 5 15 7 16	3-1: 3-1: 3-1		3-17 3-19 3-18 4-8 3-31	20 23 24	4- 8 3-19 3-18 4- 8 5- 7	20 23 24	4- 8 4- 8 5- 1	31 32	10-17 11-17 11-17 10-18 10- 5	29 27 30	11-22	27	11-24 11-24 11-23	17	11-24 11-24 11-23	19 17 20	11-2 11-2 11-2	5 12	293 273 25	3 25 1 25 5 25	0 250 3 251 1 229	244	8 223 4 223 3 164
PHILPUT DAM 2 ROCKY MOUNT STUART 1 SSE TYE RIVER 1 SE	9 9 10	6 7= 3 5 7= 3	-	1-10- 1-10- 1-10- 1-10- 1-22	3=1 2=2	7 13 8 16 5 10 7 12	3-1	8 16 6 13	3-18 3-18 3-17 3-18	16 22		25	3-31	30	10-18 10-17 10-17 10-17	31 30	10-16	58	11-17	21	11-18	20	11-2	110	25	1 24	5 244 3 245	19:	3 191 1 200
* * * NORTHERN 04																ŀ													
ALEXANDRIA CITY GARAGE BERRYVILLE BIG MEADOWS CULPEPER ELKWOOD 6 SE	9 8	6 9-22 7 7-22	-1 -1	1-8	3=3 3=3 +) 3=1	8 15 0 16 1 16 5 16 7 14	3-3 3-3 3-1	8 15 0 16 1 16 6 19 7 14	3-30 5- 7	16 24 23	5- 5- 4-	7 28 7 24 8 23	5-	7 24	11-17 10-17 9-29 10- 5	32	10-1	7 24	10-17	24	11-1	7 15	11-1	7 1	5 23 9 25	1 23 4 24	1 16:	16	3 145 4 151
FALLS CHURCH 2 SW LINCOLN LURAY 5 E MANASSAS MOUNT WEATHER			-	3 1- 9 1- 9 1-23 0 1-10 4 1- 9	+ 3-1 2-2	6 10 7 16 7 12 6 10 6 15	3-3 3-1 3-1	7 20 0 20 8 18 7 19 0 17	4- 8 3-30	20 24 23	3-30 5-	7:26 8:27	4-1 5- 4-1	1 30 7 26 3 32	11-18 10-18 11-17 11-17	28	10-1	7 23	3 11-17 3 11-17	19	11-1	7 19 4 17	11-2	4 1	3 25 9 27	2 24 2 25	2 23	2 22	4 164
PIEDMONT FIELD STATION WARRENTON 3 SE WASHINGTON WASH DC-DULLES MSO WASHINGTON NAT AP MSO	9	8 7-3 5 9-1 7 7-3 4 9-2 6 9-2	7 -	3 1- 9 5 1- 8	3~1 3~1 3~1	7 14 8 14 7 9 7 16 26 12	3-1 3-1 3-1	7 17 8 14 7 9 7 16 6 12	3-30 4- 8 4- 8	22 22 24	3-3 4-1 5-	1 28 7 28	4-1 5-	1 3: 7 3: 7 2:	0 10-19 1 11-17 1 10- 5 3 10- 5 5 11-17	31	11-1 10-1 11-1	7 2: 8 2: 7 2:	5 11-24 5 11-18 5 11-23	17 17 22	11-2 11-1 11-2	4 17 8 17 5 15	11-2 11-2 11-2	5 1	4 25	2 25 3 24 3 25 27	1 23 6 22 3 22 1 25	9 23 4 19 9 19 1 23	1 220 0 151 4 151 8 232
WAVERLY HILLS		-		-]		-		-		-		-		-		-		-		-		-	i	-	-	-	-	-

		===					Last sp	ring mi	nimu:	n of					1	First	fall min	imu	m of						er of een d		
Station					16° or		20° or below	24° belo		28° or below	32° belo		32° o belov		28° o belov		24° o belo		20° o belov		16° c belo		below	below	or below	or below	or below
	Highest	Date	Lowest	Date	Date	Temp.	Date Temp.	Date	Temp.	Date Temp.	Date	Тетр.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	16° or b	20° or b	24° or b	28° or b	32° or b
WINCHESTER 1 N WOODSTOCK * * * CENTRAL MOUNTAIN OF	95 96	7- 2 7- 2	- 2	1- 9 1- 9+	2-27 3-17	16	3-30 1° 3-17 1°	3-3	0 19	3-30 1 4- 8 2	9 4-1	1 30 7 29		31	11=17 11=17	24	11-17 11-17	24	11=24 11=24	17 14	11-25 11-24	12	271 252	239 252	232	232 223	189
BUCHANAN CATAWBA SANATORIUM COUINGTON FILT PLANT DALE ENTERPRISE HGT SPRINGS	99 100 95 98 93	7- 4 7- 2- 7- 3	- 3 - 1	1-8	3-17 3-17 3-17 3-17 3-18	15 15 14	3-17 1 3-17 1 3-17 1 3-17 1 3-18 1	3-1 3-2 4 3-2	8 24 7 15 8 23 8 24 8 16	4- 8 2 5- 7 2	8 4- 5 5- 8 5-	8 29 7 29 7 28	10- 5 10-17 10- 5 10-18 10-17	28	11-17 10- 5	28	11-17 10-18 11-17	20	11-17 11-17	20 19 20	11-24 11-24	10 13 10	252 252 252	245 245 245	204	226 180 194	192 151 164
LEXINGTON MONTEREY PEAKS OF OTTER ROANDKE WSO STAUNTON SEWAGE PLANT	99 91 97 96	7- 1 7- 3- 7- 1 7- 2	- 2 -13 - 1	1-22 1- 9 1- 9 1- 9	3-17 3-18 3-17 2-26 3-17	15 16 8	3-17 1 3-18 1 3-17 1 3-17 1 3-17 1	5 5- 6 3-1 8 3-2	8 23 7 24 7 16 8 24 8 24		4 5- 8 4- 6 4-	8 30 8 31 8 26	10- 5 10-15 10-17 10-18	30	10-18	27	10-24	14	10-24	14	10-24	14	220	220	170 245	164	160
TIMBERVILLE 3 E * * * SOUTHWESTERN HOUNTAIN 06	95	7- 2	-14	1- 8	3-17	15	3-17 1	3-2	7 24	4- 8 2	6 5-	6 29	10-17	30	10-18	28	11-17	21	11-23	20	11-24	15	252	251	235	193	164
ABINGDON 3 S BLACKSBURG 3 SE BURKES CARDEN CHILHDWIE 1 S FLOYD 2 NE	92 90 86 92 90	7- 2	-12	2- 4+ 2- 4	3-16 3-17 3-17 3-16 3-17	10 11 13	3-16 1 3-28 1 4-8 1 3-17 1 4-8 2	9 4-1 9 5- 9 4-	7 21 0 23 7 23 8 22 8 20	5- 7 2 5- 7 2 5- 7 2	6 5- 3 5-1 7 5-	7 31 7 26 9 31 8 31 9 32	9-29	132	10- 5	27	10-18 10- 5 10-17	22 24 22	11=24 11=17 10=18 10=18 10=18	15 16 19	11-17 10-18 11-24	15 16 8	245 215 253	234 193 215	191 151 192	151 150 151	144
GALAX RADIO WBDB GLEN LYN GRUNDY 1 NW MARION EVAP STATION PENNINGTUN GAP	90 94 96	8-31	-11 -11	1- 9 1-22 1-22	3-17 3-16 3-16 3-16	16	3-17: 1 3-17: 1 3-17: 1 3-16: 1	3-1	8 22 7 18 8 23 7 23	4- 8 2	7 5- 3 5- 6 5-	7 31 7 30 7 31	10- 5 10-17 - 10- 5 10- 5	29 32 32	10-18 10-17 10-16	25 25 25	10-18 11-17	20 16	10-18	20	11-24 11-17	7 16	253 246	215 246	193 245	193	163
PULASKI 2 E ROCKY KNOB ST PAUL SALTVILLE 1 N STAFFORDSVILLE 3 ENE	93 86 105 94	5=22 5=21	1	-	3-17		3-17 1	:	8 21 7 20	- 1	5-	7 32	10- 5 10- 4 10-17	31	:		-		:		-		:	:	:	-	151 150 192
WISE 1 SE Wytheville 1 S	87 91		-13 - 9		3-16. 3-17		3-16 1 4- 8 1		5 24 8 18			7 31 7 28	10-17 9-29	23 32	10-17 10- 5	23 28	10-17 10-18	23 21	11-17 11-17	17 18	11-23 11-24	12	252 252	246 223	195 193	195 151	163 145

TOTAL EVAPORATION AND WIND MOVEMENT

Statio	on		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annus
* * * Tidewater	01									ļ					
HOLLAND 1 E		EVAP DEP WIND MAX MIN		:	- - -	4.828 - 20388 72.1 49.1	7.40 .42 1650 85.7 59.2	8.04 .31 1343 90.5 65.7	6.988 71 1064 94.4 70.4	7.14 .54 920 91.7 70.5	6.26 1.34 1092 90.9 65.3	4.05 .48 1414 75.2 54.5	-		-
* * * EASTERN PIEDMONT	02														
JOHN H KERR DAM		EVAP	:	:	=	4.718 11228	6.62 1087	7.73B 1088	6.02 905	5.50B 700	5.86 840	-	-	:	=
* * * WESTERN PIEDMONT	03														
PHILPDT DAM 2		EVAP	:	-	=	4.37B 854B	5.34 352	4.97 405	4.54B 309	4.25 209	3.95 327	3.598 2768	<u>-</u>	-	=
* * * Southwestern Mountain	06												l		
MARION EVAP STATION		EVAP WIND MAX MIN	-	-	-	4.688 1487 78.8 38.6	853 84.3 55.7	6.278 787 87.9 63.6	5.988 795 88.2 66.2	5.518 656 88.0 65.9	4.218 569 84.4 63.3	3.25B 1011 69.0 50.5	1184 52.1 40.6	=	-

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

STATION INDEX

									1978
Station	Index No. Division No.	Drainage‡ Latitude Longitude Elevation	record or c	ened closed ng yr. Refer to tables	Station	Index No. Division No. Continuo	Drainage‡ Latitude Longitude	Elevation Temp. record	
ABINGDDN 3 S ALEXANDRIA CITY GARAGE ALLISONIA CITY GARAGE ALLISONIA ALTAVISTA AMELIA COURT HOUSE AMISSVILLE AMISSVILLE APPOMATTOX 3 W ASHLAND I SM BACK BAY WL REF	0013 05 WASHINGTON 0021 05 WASHINGTON 0090 04 CLARKE 10133 05 PULASKI 10160 03 CAMPBELL 0187 02 AMELIA 0193 04 RAPPAMANHOCK 0243 03 APPDMATTOX 0327 02 HANDVER 0385 01 PRINCESS ANN	9 37 22 78 53 92	0 13 13 19 19 25 0 27 5 9 32	C 1 2 3 1 2 3 C 1 2 3 C 1 2 3 1 2 3 1 2 3 1 2 3	LYMCHBUNG MSD MANBSSA MARIDM EVAP STATION MARTIMSVILLE FILT PL MC DOWELL MC GAMEVSVILLE 2 S MEADOWS OF DAN 5 SM MENDOTA MONTEBELLO 3 NE MONTEBELLO 5 SM MONTEB	5120 03 CAMPBELL 5213 04 PR MILLIAM 5271 06 SNYTM 5300 03 HENRY 5414 05! HIGHLAND 5423 05! ROCKINGHAM 5453 03! PATRICK 5501 05 MASHINGTON 3683 03! NELSON	9 37 20 79 12 13 36 47 77 30 8 36 49 81 31 7 36 42 79 53 9 38 20 79 30 16 38 21 78 44 7 36 40 80 22 19 9 37 53 79 06 9 37 51 79 06	2000 7 1090 1500 21 1330 63 2450 33	1230
BEDFURD BERRYVILLE BIG. MEADOWS BLACKSDURG 3 SE BLACKSDURG FAA AP BLACKSTONE MATER WORKS BLAND 0551 03 BEDFURD 0670 04 C LARKE 0720 04 PAGE 0760 06 MONTGUHERY 0773 02 MOTTOWAY 0779: 02 NOTTOWAY 0779: 02 NOTTOWAY 0792 06 BLAND 0835 01 MATHEWS 0956 01 SQUTHAMPTON 09793 02 FLUVANNA	15 37 21 79 31 97 16 39 09 77 59 58 14 38 31 78 26 35 11 37 11 80 25 20 12 37 05 77 57 4 12 37 05 78 01 42 11 37 06 81 07 21 10 36 35 77 12 20 9 37 42 78 18 22	5 42 56 0 19 29 35 35 0 19 19 0 25 25 0 20 20 0 17 17	1 2 3 1 2 3 C 1 2 3 C 1 2 3 1 2 3 C 2 C 2 2 2 C	MONTEREY MODRES CREEK DAM MOUNT WEATHER RESONSA NELSONSA NELSONSA NEW CANTON NEW CASTLE MEMPORT NEWS PRESS BLD MORPOLK WED	5698 05 HIGHLAND 5729 05 ROCKERIDGE 5651 04 LUDDOUN 5931 01 NORTHAMPTON 5983 01 ACCOMACK 6004 02 BUCKINGHAM 6012 05 GTLES 6054 01 6139 01	13 38 25 79 35 9 37 45 79 39 13 39 04 77 53 2 37 28 75 52 2 37 49 75 35 9 37 42 78 18 9 37 19 80 31 9 37 01 76 27 5 36 54 76 12	1720 66 67 35 14 14 47 12 12 300 75 77 1325 33 1900 25	1 2 3 1 2 3 1 2 3 1 2 3 2 2 3 1 2 3 1 2 3 1 2 3	
BAISTOL BRODUNEAL BUCHANNAM BUCHANNAM BURHA VISTA BURKES GAADEN BUNKES GAADEN BULKESBY 3 M CAPE HENRY MSD CATAWBA SANATOBIUM CHARLOTTE COURT MOUSE	1037 06 MASHINGTON 1082 03 CAMPBELL 1121 05 BOTETDUAT 1136 02 BUCKINGHAM 1159 05 ROLKBRIGGE 1209 06 TAZEWELL 1259 06 CARROLL 1362 01 PRINCESS ANN 1471 05 ROANCKE 1385 03 CHARLOTTE	8 36 36 82 10 199 15 37 03 78 57 50 9 37 32 79 41 87 9 37 35 78 33 48 9 37 45 79 22 84 11 37 05 81 20 330 11 36 48 80 59 201 2 35 56 76 00 1 9 37 25 80 05 189 13 37 03 78 38 56	21 0 52 69 35 0 33 0 73 75 3 5 6 96 96	NOV 1 2 3 1 2 3 2 2 1 2 3 1 2	NORTH FORK RESERVOIR NORTH RIVER DAN PAINTER Z PAINTER Z PARRAMDRE BEACH L B S PARRAMON B WHN PEAKS OF DITER PEDILAR DAM PENNINGTON GAP PHILPOT DAN Z	0173 00 WISE 0199 05 AUGUSTA 0475 01 ACCUMAC 0491 02 FLUVANNA 0528 01 ACCUMAC 0533 02 SPOTSTUVANIA 0573 05 BUTETOURT 0573 05 BUTETOURT 0593 03 AMMERST 0620 00 LEE	3 37 08 82 38 16 38 22 79 16 5 37 35 75 49 9 37 52 78 15 2 37 34 75 38 17 38 03 77 42 15 37 28 79 36 9 37 40 79 17 6 36 45 83 03 15 36 47 80 02	30 15 19 410 14 8 7 7 250 19 19 2605 12 12 1013 36	2 2 3 4 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 4 1 2 3
CHARLDITESVILLE 2 W CHARLDITESVILLE 1 W CHASE CITY CHATHAM 2 NE CHILMONIE 1 S CHILMONIE 1 S CHILMONIE 1 S CHIRCHILLE CLARKSVILLE CLIFTON FORGE	1593 03 ALBEMARLE 1598 03 ALBEMARLE 1006 02 MECKLENBURG 1014 03 PITTSYLVANIA 1036 01 NORTHAMPTON 1075 05 SWYTH 1087 01 ACCOMACK 1708 03 AUGUSTA 1706 02 MECKLEMBURG 1801 03 ALLEGANY	9 38 02 78 31 87 9 38 02 78 31 54 15 36 50 78 28 5 17 36 50 79 22 70 2 37 17 75 56 36 36 47 61 41 200 2 37 55 75 21 1 16 38 14 79 10 147 15 36 38 78 33 32 9 37 49 79 50 105	0 67 94 0 0 20 9 20 0 0 47 47 1 1 34 43 0 1 9 9 9	1 2 3 1 2 34C 1 2 3 1 2 3 C 1 2 3 1 2 3 1 2 3 2 C	PIEOMONT FIELD STATION PILOT 1 ENE PULASKI 2 E QUANTICO 1S RAPEGOD H RAPIDAN RICHMOND MSG RIVERTON ROUMER MSD ROUMER MSD ROUMER MSD R	6712 04 GRANGE 6723 06 MONTGOMERY 6955 06 PULASKI 9979 01 PR. WILLIAM 6999 05 PULASKI 7023 03 CHARLOTTE 7031 04 GRANGE 7201 02 HENRICO 7254 04 MARREN 7285 05 ROAMOKE	17 38 13 78 07 11 37 04 80 21 11 37 03 80 45 13 38 30 77 19 11 37 08 80 33 15 36 54 78 43 14 38 18 78 04 9 37 30 77 20 16 38 56 78 12 15 37 19 79 58	515 23 24 2178 29 1850 10 10 12 70 66 1730 3 329 65 300 25 164 33 33 950 39	1 2 3 1 2 3 1 2 3 2 2 2 2 1 2 3 2 2 1 2 3
CLINCHCD COLONIAL SEACH COLONIAL SEACH CONCOLO 5 S COUTES STORE COPPER HILL I NNE CORSIN COVINCTON FILT PLANT CRAIGSVILLE	1808 06 DICKENSON 1913 01 HESTMORELAND 1929 02 GOGCHLAND 1955 03 CAMPBELL 1986 05 ROCKINGHAM 1999 02 CAMPLINE 2041 05 ALLEGHANY 2044 05 ALLEGHANY 2064 05 AUGUSTA	3 37 10 82 19 153 13 38 19 76 58 1 9 37 46 78 09 30 15 37 17 78 58 65 16 38 38 78 51 65 11 37 06 80 08 272 14 38 12 77 22 22 9 37 48 80 00 124 9 37 48 80 00 124 9 37 48 80 00 124 9 38 9 38 9 79 23 123	0 8 8 72 72 00 21 00 22 00 12 12 12 13 13 10 10 10 10	1 2 3 c 1 2 3 c 2 2 c 1 2 3 c 1 2 3 c	RICKFISH RICKY KNOB RICKY MOUNT SALTVILLE 1 SHITHFIELD 3 NE SOMERSET SPEEDWELL SPRING CREEK 2 STAFFORDSVILLE 3 ENE	7312 03 NELSON 7330 06 FLDYO 7336 03 FAANKLIN 7492 06 MISE 7506 06 SAYTH 7864 01 ISLE DF WIGH 7904 04 GRANGE 7971 06 HYTHE 7997 06 TAZEWELL 8022 06 GILES	9 37 48 78 45 11 36 51 80 22 15 37 00 79 54 6 36 54 82 19 8 36 53 81 46 9 37 01 76 37 14 38 14 78 15 11 36 49 81 10 6 37 01 81 39 11 37 16 80 43	445 3075 29 29 1232 77 77 1500 11 11 1735 52 54 37 440 22	1 2 3 1 2 3 1 2 3 1 2 3 2 2 2 2 2 2 3 1 2 3 3 2 2 2 2
CULPEPEN DALE ENTERPRISE DALE SENTERPRISE DANVILLE-BRIDGE ST DAVENDORT 2 NE DEERFIELD 1 S DELAPLANE 1 NW DIAMOND SPRINGS DRIVER 4 NE ELWMOOD 6 SE	2135 D4 CULPEPER 2208 05 ROCKINGHAM 2216 06 WASHINGTON 2245 03 PITTSYLVANIA 2269 06 BUCHANAN 2315 05 AUGUSTA 2320 04 FALGUIER 2300 01 PRINCESS ANN 2504 01 NANSEMDING 2729 06 CULPEPER	14 38 29 77 59 47 16 38 27 78 56 149 8 36 38 81 48 195 7 36 35 79 23 41 3 37 07 82 06 10 9 38 10 79 22 172 13 38 50 77 56 52 5 36 52 76 29 1 14 38 27 77 46 3	0 88 90 0 44 0 53 80 0 44 0 44 0 62 62	1 2 3 1 2 3 2 1 2 3 2 C 2 C JAN C 1 2 3 1 2 3 C	STAR TANNERY STATE FARM STATE FARM STORY CREEK A SY STUART 1 SSE STUARTS DRAFT SUFFOLK LAKE KILBY SUNNYBAMK TANGLER ISLAND THE PLAINS 2 NNE	8046 0A FREDERICK 8034 0Z GOLOMIAND 8062 03 AUGUSTA 8129 01 SUSSEX 8170 03 PATRICK 9172 05 AUGUSTA 8192 01 NANSEMOND 8224 01 N HUMBERLAND 8323 01 ACCUMAC 8329 03 FAUGUIER	16 39 05 78 26 9 37 38 77 48 16 38 09 79 02 12 36 56 77 28 7 36 38 80 16 16 38 00 79 03 2 36 44 76 36 5 37 58 76 16 5 37 50 76 00 13 38 54 77 43	1385 78 84 140 11 11 1455 11 11 1450 22	1 2 3 1 2 3
EMPORIA 1 WNW PALMS CHUMCH 2 SW FALMS CHUMCH N FALMS CHUMCH N FLOYD 2 E FORT LEE FREDERICKSBURG NATL PK FREE UNION GALAX RADID WBUB GALAX MATER PLANT GLASGON 1 SE	2790 01 GREENSVILE 2922 04 FAIRFAX 2941 02 CUMBERLAND 3071 06 FLOYD 3127 01 PRINCE GEORG 3192 01 SPOTSYLVANIA 2213 03 ALBEMARLE 3227 06 CARROLL 3272 06 CARROLL 3373 08 ROCKBRIDGE	10 36 41 77 33 10 13 38 51 77 12 32 1 37 20 78 23 45 11 36 56 80 18 260 1 37 14 77 20 10 1 38 18 77 28 10 9 38 09 78 34 80 11 36 40 80 55 238 11 36 40 80 55 238 11 36 98 80 55 238 9 37 37 79 26 74	0 22 22 0 49 51 0 38 38 0 21 21 0 77 79 4 16 5 16 27	2 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 C 2 1 2 3 2 C	TIMESTILLE 3 E TYPE ALVER 1 SE TYPE ALVER 1 SE URBANNA VIENNA DUNN LORING WAKEFIELD 1 NW WALKERTON 2 NW WALLACETON LK DRUMMOND WALLOPS ISLAND WSO WARRENTON 3 SE	8448 OS ROCKINGHAM 8547 OG GRAYSDN 86400 OS NELSON 8642 OI HIDDLESEX 8737 OA FAIRFAX 8803 OI SUSSEX 8829 OI KING E QUEEN 8837 OI NORFULK 8849 OI ACCOMACK 8888 OF FAUGUIER	16 30 39 78 43 11 36 42 81 26 9 37 38 78 36 14 37 39 76 34 13 38 54 77 13 4 37 00 77 00 17 37 45 77 03 2 36 36 76 26 2 37 51 75 29 13 38 41 77 46	100 11 11 50 37 36	1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
GLEN LYN GDBDDNSVILLE 3 5 GDSHDNSVILLE 3 5 GROSECLOSE GROVETON GRUNDV 1 HW HALIFAX 2 55E HARNOON HILLSVILLE 1 5	3397 Oc GILES 3466 OZ LOUISA 3470 OS ABCKBRIDGE 3623 Oc SMYTH 3635 Oc FAIRFAX 3640 Oc BUCHANAN 3695 OS HALIFAX 3693 OC DICKBRSON 3929 Oc CARROLL	11 37 22 80 52 152 17 38 06 78 10 43 9 37 59 79 30 135 8 36 52 81 20 299 13 38 40 77 06 24 9 37 16 82 06 124 7 36 44 78 55 0 3 37 12 82 17 138 13 38 58 77 23 37 11 36 44 80 44 238	5 10 31 5 20 0 10 20 0 16 16	2 3 2 2 2 C 1 2 3 1 2 3 C	MARSAW 2 MV MASH MOTON MASH DC-DULLES WSD MASH DC-DULLES WSD MASH MOTON MAT AP WSO R MAWERLY HILLS WEST POINT 2 SW MITTE GATE MILLIAMSBURG 2 N MINCHESTER I N MISE I SE R	8894 DI RICHMOND 8902 DA RAPPAHANDCK 8903 DA LOUDDUN 8900 DA SALINGTON 9025 DI NEW KENT 9060 DG GILES 9151 DI YORK 9156 DA FREDERICK	14 37 59 76 46 14 38 43 78 10 13 38 57 77 27 13 38 51 77 07 13 38 53 77 07 17 37 31 76 50 11 37 12 80 50 9 37 18 76 42 13 39 12 76 10 0 36 58 82 34	291 9 9 10 30 30 340 23 23 18 17 17 1850 70 20 25 760 69 64	1 2 3. 1 2 3 - 1 2 3 -
HOLICIMES ROCK HOLLAND 1 E HOLLAND 1 E HOPENEL L HOT SPRINGS HUDGLESTOM 2 SW HUMLEY IMDEPENDENCE 2 IMDIAN VALLEY JOHN FLANNEGN RESV.	4039 03 BEDFORD 4044 01 NANSEMUND 4078 03 RUSSELL 4101 01 PRINCE GEORG 4128 03 BATH 4148 03 BEDFORD 4180 06 BUCHANAN 4234 06 GRAYSON 4240 06 FLOYD 4410 06 FLOYD	9 37 30 79 16 60 4 36 41 76 47 8 6 37 01 81 59 193 9 37 18 77 18 4 9 38 00 79 50 223 15 37 09 79 30 100 3 37 25 82 01 90 11 36 38 81 10 265 11 36 54 80 34 270 3 37 14 82 21 146	0 38 38 21 0 78 63 8 77 79 0 21 0 18	2 34 1 2 34 1 2 3 C 2 C 2 C 2 C	WOODSTOCK WOOLNES & S WYTHEVILLE 1 S	9203 DA SHEHANDOAH 9272 D3 PATRICK 9301 06 WYTHE	10 38 53 78 31 7 36 43 80 17 11 36 56 81 05	887 72 78	123
JOHN H KERR DAM JORDAN MINES I NE KERRS CREEK I MSW LAFAYETTE I NE LANGLEY AIR FORCE BASE LAWRENCEVILLE 5 W LEXINGTON LINCOLN LOUISA LURAY 5 E	4414 02 MECKLENBURG 4432 03 ALLEGHANY 4585 03 ROCKBRIDGE 4676 06 MENTEGHERY 4720 01 4788 02 BRUNSWICX 4876 03 ROCKBRIDGE 9090 04 LOUDDUN 5030 02 LOUISA 5096 04 PAGE	15 36 36 78 17 32 9 37 41 80 06 140 9 37 51 79 32 140 15 37 14 80 13 138 5 37 09 76 21 10 36 46 77 56 20 9 37 47 79 26 10 13 39 07 77 43 50 17 38 40 78 23 120	0 9 9 9 0 0 85 134 0 25 25 0 92 99 0 69 10 0 55 55	1 2 34C 2 2 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3					

† DRAINAGE CODE: 1-APPOMATTOX 2-ATLANTIC 3-BIG SANDY 4-BLACKWATER 5-CHESAPEAKE 6-CLINCH 1-DAN 8-HOLSTON 9-JAMES 10-MEHERRIN 11-NEW 12-NOTIOWAY 13-POTOMAC 14-RAPPAHANNOCK 15-ROANOKE 16-SHENANDOAH 17-YORK

	CHANGES IN STATION NAME	
NEW NAME	FORMER NAME	DATE
GRUNDY 1 NW STAFFORDSVILLE 3 ENE	GRUNDY STAFFORDSVILLE 3 N	MAY 1, 1970 JULY 1, 1969
	RELOCATION AND CHANGES OF EQUIPMENT	
CHINCOTEAGUE W L REFUGE GRUNDY 1 NW LEXINGTON LOUISA PIEOMONT FIELD STATION	EQUIPMENT MOVED 1.6 MILES SOUTH EQUIPMENT MOVED 0.7 MILE WEST EQUIPMENT MOVED 0.3 MILE WEST EQUIPMENT MOVED 0.3 MILE SE EQUIPMENT MOVED 0.5 MILE SE EQUIPMENT MOVED 1.0 PEET SSW	MAY 1, 1965 MAY 1, 1970 JULY 1, 1969 MOVEMBER 4, 1970 SEPTEMBER 24, 1970
SOMERSET STAFFORDSVILLE 3 ENE THE DIAINS 2 NNF	EQUIPMENT MOVED 0.4 MILE EAST EQUIPMENT MOVED 0.5 MILE ESE EC-1 SECROSING BAIN GAGE ADDED	JULY 28, 1965 JULY 1, 1969 JANUARY 15, 1970

Additional information regarding the climate of Virginia may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Agronomy Department, Virginia Polytechnic Institute, Blacksburg, Virginia 24061, or to any National Weather Service 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 Service-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.)
- 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 National Weather Service Offices 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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