# U. S. DEPARTMENT OF COMMERCE JOHN T. CONNOR, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# **VIRGINIA**

ANNUAL SUMMARY 1964
Volume 74 No. 13



Table 1		VE															~								VIRGINI 196
	Janusry	Feb	гиагу	Mar	ch	Aj	oril	м	у	Ju	пе	Ju	ly	Aug	grust	Septe	mber	Oct	ober	Nove	mber	Decer	aber	Anı	nual
Station	Temperature Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Тетрегатиге	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
TIDEWATER 01																									
BACK BAY WL REF BOHANNON 1 NE BOYKINS CAPE MENRY WB CITY CHERITON	43.9 39.8 42.2 43.7 41.1	42.3 39.4 40.8N 41.1 39.9	- 1.3	51.7 49.9 51.8M 49.9 50.1		56.3 55.0 59.9 55.1 55.7	- 1.8	67.3 68.8M 66.0 66.3	- 0.1	74.0 74.4 76.3M 73.9 73.0	- 0.6	75.8 77.6 77.8 76.8 77.5	- 1,3	74.9 74.8 75.91 74.7 79.4	2.8	72.0 70.7 71.0 72.0 72.2	- 1.1	60.5 55.7 56.6 58.8 57.8		57.0 53.3 54.0 56.4 54.9	3,4	48.4 44.9 47.3m 47.2 46.0	3.0	60.2 58.6 60.2M 59.6 59.2	- 0.4
CHINCOTEAGUE WL REF COLONIAL BEACH DIAMOND SPRINGS FORT LEE FREDERICKSBURG 2 5	39.7 37.8 0. 42.7 - 1. 39.0 35.0M - 2.	38.5 37.8 0 40.6 38.0 1 34.3	- 0.4 - 3.4	49.9	- 0.1	51.8 55.5M 56.1 55.7 53.0	- 0,1 - 3.0 - 2.6	66.2	2.9 - 1.1 - 0.7	71.3 75.6 74.5 72.7 72.5M	- 1,2	75.74 78.04 77.4 76.0 77.1		73.11 75.9 74.4 73.5 72.8	- 0.4 - 3.5 - 2.7	70.4M 70.8M 71.7 67.8 67.8	0.7 - 1.5	53.9	- 3.1 - 4.6 : - 5.8	55.7	2,2	43.4 41.7M 46.4 44.2 60.1	1.8	57.0M 58.3M 59.6 57.3 55.4M	- 1.4
HOG ISL LTL MACHIPONGO HOLLAND 1 E HOPEWELL LANGLEY AIR FORCE BASE NASSAWADOX	41.2M 41.2 41.9 0. 41.3 - 0.	40.3 39,4 41.0 2 39.6 38.6	- 1.7 - 2.4	48.7M 49.5 51.8 49.4 49.2	2.5 1.1	57.1 59.3 55.1 54.8	- 0.4 - 2.6		0.7	73.9 76.4 73.5 73.5	0.3	77.3 78.6 76.6 76.6	- 0.6 - 2.4	73.7 76.2 74.0 74.1	- 1.6 - 3.9	70.0 70.9 70.2 70.1	- 1.3 - 2.5	56.1 56.4 56.0 56.2	;   - 4.5   - 6.1	53.8 54.4 53.6 53.0	3.4	44.7 46.4 45.5 44.3	4.5	58.6 60.2 58.4 58.1	- 1.4
NELSONIA NEWPORT NEWS PRESS BLD WORFOLK WB AIRPORT NORFOLK PAINTER 2 W	40.3M 43.1 42.3 1. 46.1 2. 39.3	38.5M 42.2 39.9 44.0 37.3	- 1.7	48.2M 51.8 49.5 54.2 47.9		54.2M 58.8 55.2 60.1 52.7	- 2.8 0.8		- 1.1 1.4	77.9 74.5 77.6 72.7	- 1.1 1.3	77.2 79.5 77.3 78.5µ 75.4	- 1.5 - 1.1		- 3.1 - 2.8	73.4 70.8 73.1 68.2	- 1.8 - 0.6	57.7	4 4 - 4,3 - 3,5	52.7 54.6 58.3 50.3	3.2 4.6		4.0 5.3	59.1 62.3M 56.4	- 0.6 1.0
PARRAMORE BEACH L B S QUANTICO 1 S STONY CREEK SUFFOLK LAKE KILBY SUNNYGANK	35.3 - 1. 42.1 39.9	2 35.9 40.0 38.7	- 1.6	48.0 49.6 48.1	3.5	56.3M 54.7 57.1 54.0	- 0.8	64.8 68.3 67.3 66.7	3,1	74.5 75.2 73.9	1.0	76.7 77.4 77.1 76.4	0.1	75.5 73.9 74.48 73.6		71.9 68.2 70.4 69.7		59.4 52.2 56.3 55.9	6.1	54.8 49.7 53.9 53.0	, 2.7	49.6M 40.4 45.5 43.9M	3.0	56.5 59.1m 57.8m	- 0.3
TANGIER ISLAND URBANNA Wakefield Walkerton Warsaw 2 n	37.0 40.6M 38.1 39.3	37.6 39.1 37.1 37.4		45,8 49,2M 47,4 48,3		50.9 56.7M 55.1 55.5		64.7 67.1 66.5 67.2		72.6 75.2 74.0 74.7		76.2 77.8 76.3 77.2		74.7 74.3) 73.5 74.0		71.4 70.5 68.0 68.2		57.0 55.8 53.6 54.2	•	52,1 54,5) 51,1 52,0		42.0 44.9M 42.4 43.4	:	56.8 58.8M 56.9 57.6	
WEST POINT 2 SW WILLIAMSBURG 2 N	39.7 40.9	38.2		48.9	į	56.7 57.2		67.4	ļ	74.5		76.8 76.7		74.2 74.3		68.9		54.6 55.8	·	52.1 54.0	:	43.9		58.0 56.7	
DIVISION			- 1.9	ĺ	1.9	35.7	- 1.5	-	0.1		- 0,3		- 1.0	l	- 2.3		- 0.9	56.2	- 4.6	l	2.9	1	3,4	58.5	- 0.3
EASTERN PIEDMONT 02 ASHLAND 1 SW BLACKSTONE FAA AP CMASE CITY COLUMBIA CORBIN	35.7 38.8 39.1 36.0 - 1	35.0 37.5 38.9 7 34.9 34.5	- 3.9	47.0 48.3 49.8 47.0 40.4	1.2	54.7 57.1 58.6 55.0 53.1	- 1.3	65.7 67.1 67.4 66.1 65.4	0.2	72.0 74.2 75.4 72.7M 72.3	i	75.5 76.1 76.5 76.3 75.8	- 1.2	72.5 73.5 74.2 73.3 72.4	- 2.6	66.5 67.9 68.8 67.0 66.7	- 2,4	52.6 54.6 55.6 52.6 52.4	- 5.5	49.9 53.1 53.4 50.0 49.8	2.8	40.8 43.8 44.3 40.7 39.9	2.4	55.7 57.7 58.5 56.0M 55.3	- 1.1
FARMVILLE 2 N JOHN H KERR DAM LAWRENCEVILLE LOUISA NEW CANTON	38.0 - 1. 36.4 39.4M 36.8 37.7 - 1.	37.9 37.7 35.8	- 3,5	48.3 49.0 51.0 47.3 47.7	1.5	57.8 57.4 58.1 54.6 56.0	0.6 - 0.4	66,0 67,0 66,8 66,8	0.1	74.0 74.9 74.8 73.7 72.9	0,2	75.9 77.1 77.3 75.9 75.1	- 1.6 - 0.9	73.6 73.6 74.9 73.4 73.8	- 2.3	68.2	- 3.2	53.5 54.0 54.4 53.1	4	52.2 51.6 49.7	2.5	43.2 42.4 43.9 41.3 42.8	3.9 3.8	57.0 57.5 58.24 56.3M	
PARTLOW 3 WNW POWHATAN 5 SW RICHMOND WB AP DIVISION	35.8 38.0 38.1 - 0.	34.4 35.34 6 37.2	- 2.7 - 3,5	46.6 47.5 47.6 48.0	- 0.1 1.4	54.0 54.7 55.4 55.9	- 2.7 - 1.9	64.7 66.0 66.4	- 0.6 0.1	72.6 73.4 73.1 73.5	- 2,0 - 0,4	75.2 75.9 75.8 76.0	- 2,3 - 1,4	1	- 2.9	65.5 67.1 67.1	- 3,1 - 2,5	50.9 52.4 53.4 53.2	- 5.5	47.7 50.5 51.5	3,0	1		55.0 56.4M 56.8	- 1.3
# # # WESTERN PIEDMONT 03					ļ		ļ		1				.							ļ		į			!
APPOMATTOX 3 W BEDFORD CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W	36.1 38.3 35.9 37.9 0. 38.9	35.0 37.1 36.0 7 36.0 37.7	- 2,4	46.1 47.4 47.6 47.3 48.0		54.9 57.2 56.1 55.1 56.5	- 1.5	65.3 66.3 65.9 67.2 67.4	0.9	72.7 73.8 73.3 74.5 75.1	О,В	75.0 75.1 75.3M 77.0 76.8	- 0.3	72.0 72.4 73.4 74.0 73.9	- 2,0	66.0 66.6 66.6 68.D 67.7	- 1,9	52.6 53.1 53.3 55.7 54.1	- 3.8	51.1 51.0 50.8 53.8 51.7	5,4	39.9 40.7 41.3 39.7 41.8	1.0	55.6 56.6 56.3M 57.2 57.5	; ; 0.1
CHATHAM 2 NE DANVILLE BRIDGE ST HALIFAX 2 SSE LYNCHBURG WB AIRPORT MARTINSVILLE FILT PL	37.0 - 2. 38.3 - 2. 36.4 36.9 - 0. 36.7	8 37.8 37.0	- 3,3 - 4,4 - 3,0	49.0	0.3	56.9 58.2 56.8 56.2 58.3	- 0.2 - 1.0 0.0	66.4 69.0 66.8 66.0 64.9	0.2 1.0	73.9 74.8 75.0 73.6 72.5	0.0	75.7 76.7 76.6 74.8 73.7	- 1.2 - 1.8 - 1.5	74.0	- 2.0 - 2.8	65.9 68.1 67.1 66.1 65.6	- 2.7 - 3.3 - 2.6	53.6 54.4) 53.4 52.7 52.4	- 5.3 - 6.1 - 5.5	51.1	]	41.6 41.9 41.8 40.8 41.3		57.8M 57.0	- 0.8 - 1.6 - 0.7
PHILPOT DAM 2 ROCKY HOUNT STUART 1 55E TYE RIVER 1 5E DIVISION	36.3M - 2. 37.6M 36.7	37,9		45.8 45.5M 48.0 46.6	- 0.3	58.1 55.5	- 1.1	66.6		72.2 72.0M 74.7 73.1	- 0.1 0.2	74.7		73.3	- 2.5	67.9	- 2.9	53.3 52.8) 55.1 53.2)	- 5.4	50.8 49.4 51.4 50.5	: 2,1 !	39.4 39.5 41.5 39.8		55.5 55.1M 57.2M 56.1M	
	3,4, 5,4	7	- 3,0		•	<b>70,</b> 4	1	50.5	"]	,,,,,	•••	1,70.2	• • • •	,,,,,,		00.0		23.6	7.3	77.0		70.0	***	56.5	- 0.7
NORTHERN 04  ALEXANDRIA CITY GARAGE BERRYVILLE BIG MEADOWS CULPEPER ELKWOOD 6 SE	36.7 31.7 29.2 35.0 ~ 1.	33.8m 31.3 25.2 36.5 35.2	- 3,4	45.8 44.0 37.0 45.8 46.2M	0.3	52.0 51.3 46.8 52.8 54.0	- 3.3	65.9 63.8 57.3 66.1 65.3	0.6	74.3 72.0 64.7 73.3 73.3	0,2	79.0 74.5 66.3 76.4 76.1		74.4 71.2 63.8 72.7 72.1H	- 2.4	67.8 65.1 59.4M 67.1 66.1M	- 1.9	53.6 50.8 46.2 52.3 51.7	- 5.9	49.3 47.4 44.3 48.4 48.8	1.4	39.2 36.6 33.1 39.8 38.6M	2.4	55.8M 53.3 47.8M 55.4 55.3M	- 1.2
FALLS CHURCH 2 SW LINCOLN LURAY 5 E MANASSAS MOUNT WEATHER	34.1 35.6 - 0. 33.7 35.4M 32.6M 2.	32.5	- 1.7 - 1.4	49.9 49.1 44.7 46.2 41.8		52.5 52.8M 53.4 53.3M 49.0		64.8 66.6 64.2 65.1 63.6	1.3 3.8	73.0 75.2 70.8 71.1		77.7 74.0 77.2M 73.5		73.0 73.6 71.3 73.46 69.4		67.6 67.9 65.9 68.8M		53.0 54.4 51.3	¢	48.1 49.2		38.8M 38.3 M 34.7		54,0 52,5H	1,3
PIEDMONT FIELD STATION WARRENTON 3 SE WASHINGTON WASH DC DULLES WB AP WASH DC STERLING WB	35.1 35.1M 32.1 33.4 31.8	34.2 33.3M 32.0M 30.9 30.7		45.1 44.9M 45.8 45.1 42.8		52.9 50.7M 50.6 50.6 50.7		65.7 64.4M 63.2 64.6 63.5		73,2 71,7M M 73,3 71,3		76.7 75.2M 74.3 76.3 75.6	٠ .	73.0 71.7M 70.1 72.2 72.1	] ]	67.5 66.6M 64.7 66.7 65.7		52.9 53.20 51.9 51.2		50.3 50.4 47.5 46.2		38.5 37,94 38.9 37.2		55.4 54.6M 54.1 53.2	
WASHINGTON WB NAT AP WAVERLY HILLS WINCHESTER 1 N WOODSTOCK DIVISION	36.3 - 0. 37.0 33.2 - 1. 33.4 - 2.	35.5 7 32.4 5 33.0	- 3.9	46.8 44.9 44.5	1.9	53.7 52.5 53.5	- 1.6 - 1.7 - 0.9	66.9 65.3 65.2	2.3 1.0 1.4	76.0 74.6 73.2 73.2 73.2	1.8 1.0 1.8	79.1 77.6 75.9 75.9	- 0.2 0.7	74.6 72.3 73.7	- 2.2	68.9 66.8 66.6	- 1.2 - 0.4	1	- 4.8 - 4.2	51.3 48.0 48.2	2.0	39.9 40.0 36.9 38.7	0.7 2.2		0.5 - 0.7 - 0.2
							,	•	•••		-• *		<u> </u>		.,0	-540	,0				5.0	- , • 7			
BALCONY FALLS BUCHANAN CATAMBA SANATORIUM COVINGTON FILT PLANT	36.1 - 0. 34.4	33.0 9 35.9 3 33.2 33.5	- 4.0	44.8	1.1	54.7 57.4 55.4	1.3	64.3 65.3 64.4 64.8	1.6	73.4 70.9 71.l		73.5		71.2	- 1.4 - 1.5	64.9	- 2.0	51.7		48.0		39.4 41.7 39.7 38.8	2.4	54.4	- 0.1
DALE ENTERPRISE	33.0 - 2.	0 31,2	- 4,B	43,9	1	53.7 53.2	0.9	62.9	1.7	71.5	1.6	74.7		72.4	0.6	66.2	0.2	>0.5	- 5.2	46.9		38.4		52,3	1.0

#### AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA 1964

Table	1-	Con	tinu	•

	January	February	March	April	May	Juve	July	August	September	October	November	December	Annual
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
EXINGTON MONTEREY PEAKS OF OTTER ROANOKE	35.7 - L. 28.4M 33.2M 36.9 - 2.6	25.7 30.2	4 45.9 0.8 38.7M 42.2	56.7 1.2 49.5M 52.4	65.3 L.1 59.2 62.2M	73.1 L.5 64.5 69.3M	75.1 0. 68.1 69.8	0 72.8 - 1.0 64.8 67.8	66.1 - 1.6 60.4 62.4	46.9	48.6 Z.6 45.3 47.7µ	32,5 37,1M	5 55.5 = 0.3 48.7M 52.1M
ROANOKE WE AIRPORT			6 46.6 : 1.1	56.9 0,5	67.4 1.7	74.6 1.2	75.9 - 0.	7 74.0 - 1.4	66.8 - 2.3	54.0 - 4.2	51.1 4.4	40.0 1.	6 56.7 - 0.2
STAUNTON D AND B INST TIMBERVILLE	34.0 - 1. 32.9	32.3 - 4. 31.2	1 44.8 2.2 43.7	53.4 - 0.1	64.2 0.9 63.6	71.5 0.4 71.3	73.8 - 0. 74.8	7 71.4 - 1.3 71.9	65.3 - 1.5		48.9 3.5 47.1	38.9 2. 38.6	3 54.2 - 0.4 53.8
DIVISION	34.2 - 1.	32.1 - 4.	9 44 2 D. 9	54.4 0.5	64.0 0.9	70.9 0.4	73.1 - 0.	8 70.9 - 1.6	64.8 - 1.6	51,2 - 4.9	48.0 3.1	38.6 2.	1 53.9 - 0.6
SUTHWESTERN MOUNTAIN 06 BLACKSBURG 2 BRISTOL BURKES GARDEN CHILMOWIE 1 5	32.2 - 30.4 - 2.	29.9	42.3 39.0 - 0.8	53.6	61.4	64.8 64.8 - 0.1	70.3	69.0	63.0 60.7 - 0.6	45.9 - 5.5	46.7	38.0	52.1 6 49.3M - 0.1
FLOYD 2 NE SALAX RADIO WBOB SEEN LYN SRUNDY 3 NW	32.8 33.7 36.2 35.6M	30.6M 34.3 34.5	42:0M 43.2 46.9	52.9 52.7 58.3	60.5M 61.5 66.6	69;3M 68.9 72.7	70.1 74.4	67.4M 68.8 72.8	61.7M 62.7 68.0	49.3	45.6 46.7 49.6	38,2 39,2 42,0	51.5M
MARION EVAP STATION PENNINGTON GAP	32.8 30.6 - 5.5	31.2	42.7 43.2 43.1 - 0.5	57.9M 53.4 56.1 2.2	66.9 62.1 64.5M 1.4	72.8 69.0 69.8 - 0.1	69.8	68.6 3 69.5 - 3.3	64.1		48.3 48.1	39.9 37.6 0.	52.6 8 53.3M - 1.4
PULASKI ROCKY KNOB ST PAUL SALTVILLE 1 N WISE 1 SE	33.8 32.0M 33.1M 32.4 - 4.2	30.4 28.9M 32.7 32.3 - 5.0 30.2	43.1 41.1M 44.0 43.5 43.3	54.0 51.0 55.1 56.2 55.0	63.1 58.8M 66.2 65.3 1.1	69.7M 65.9M 73.7 72.3 67.9	71.3 68.6 75.4 73.4 69.2	70,9 66.0M 73.2 71.5 68.0	64.9 62.5M 68.2 67.6 - 0.3	54.2 52.8 - 4.2	46.8M 47.7 48.8 49.1 67.8	39.5 36.0M 39.8 38.8 2.	53,2M 55,4M 54,6 52,5
WYTHEVILLE 1 5	33.4 2.1	31.9 - 5.	43.3 0.4	54.3 1.3	61.9 0.3	68.9 0.0	70.8 - 1.	1 69.6 - 1.2	63.3 - 1.1	7 50.1 - 4.9	46.1 2.	39.3 3.	0 52.7 - 0.4
DIVISION	32.9 - 2.	31.1 - 5.	42.8 0.1	54.3 1.1	62.7 0.7	69.6 0.3	70.8 - 1.	5 69.3 - 2.0	64.2 - 1.5	50.3 - 4.9	47,3 3,0	38.7 2.	7 52.8 - 0.6

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 in 1964 was included each month except: January, February, October, November, and December issues of this publication.

	Janu	ary	Febr	uary	March	April	1	May	June	July	August	September	October	November	December	Annu	al
Station	Precipitation	Departure	Precipitation	Departure	Precipitation Departure	Precipitation	Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation	Departure
TIDEWATER 01																	
BACK BAY WL REF BOMANNON 1 NE BOYKINS CAPE HENRY WB CITY R CHERITON	4.43 4.27 3.02 3.89 3.15	•91	4.77 6.53 5.06 4.44 5.09	1.19	2.93 2.73 2.33 2.70 .66 3.22	3.79 3.00 3.12 2.42- 2.64	•51	2.16 2.18 1.78 3.49 .45	2.54 1.94 1.95 4.10 6.28	4.01 5.91 3.76 6.34 1.34 2.93	9.24 4.89 7.62 11.00 5.64 2.82	17,03 5.39 6.13 8.16 4.21 8.11	4.46 6.13 5.01 4.95 2.08 3.20	.87 2.08: 1.94: 1.16= 1.64 1.41	4,98i 3,71 5,26i 3,49i 4,50i	61,21; 48,76; 46,98; 56,23; 45,06;	14.3
CHINCOTEAGUE WL REF COLONIAL BEACH DIAMOND SPRINGS DRIVER 4 NE EMPORIA 1 WNW	E 4.96 3.46 4.41 4.41 3.26	.22 .78	4.59	1,59	2.47- 1.46	2.67= 3.43	.46 .70	.79 .50- 2.63 1.59- 2.07 2.13 2.73- 1.29	2.89 3.23 .00 2.63 1.16 1.29 3.61 .70	2,55 3,23-1,32 6,73, 54 5,56 3,66-2,52	3.37- 3.21 6.70		6.09 2.6731 6.41 3.24 5.50 4.07 1.61	1.28- 2.05	3.33	54.20	11.6
FORT LEE FREDERICKSBURG 2 S MOG ISL LTL MACHIPONGO MOLLAND 1 E MODEWELL	4.09 2.36- 3.68 4.48 4.19	1,12	4,37 4,91 1,79 4,58 4,84	2.53	2.56 2.5276 2.37 1.91- 1.25	3,52	1.32 1.72	1.36 .64- 2.92 2.02 2.28- 1.69	.87 2.6965 .57. 1.59- 2.64	6.74 1.87- 3.02 6.02 6.64 .78	7,29 6,10 1.00	6.72 3.4627	4.35 3.03= .32 7.55 4.27 1.39	1.74: .99- 1.85 - 1.48 1.8496	4.47	51.07	10.5
LANGLEY AIR FORCE BASE NASSAWADOX NELSONIA NEWPORT NEWS PRESS BLD NORFOLK WB AIRPORT	3,38 4,41 5,84 4,51 4,56	1,23	4.84 6.02 5.52 4.49 4.56	1,82	2.6676 3.02 3.84 2.43 2.26- 1,19	3,48 2,43	•82 •78	2,17- 1,31 1,23 1,25 2,69 1,56- 1,80	1.56- 1.54 4.80 2.63 2.58- 1.03	1.56= 3.77 3.10 1.91 2.74 7.33 1.41	3,68	9.03 5.05 6.41 12.60 12.26 8.04	3,33 .46 4,82 5,03 5,35 2,63	1.8198 1.49 1.74 E 1.47 1.14- 1.91	3,34 E 3,63	39.77- 45.80 45.85 21 57.71	
NORFOLK PAINTER 2 W PARRAMORE BEACH L B S GUANTICO 1 5 SMITHFIELD 3 NE	4.00 4.42 3.78 3.92	,81 ,62	4,78 5,12 2,80 3,72	1.66	2.05- 1.41 3.23 2.01- 1.21 1.82	2.66	•75 1•01	1,54- 1.80 1,99 .94 .57- 2,90 2,44	1.90- 1.72 4.82: 3.2006 1.08	5.1679 2.83 1.98 1.55- 3.03 3.66	3,37 5,51	16,98 12,90 4,23 3,35 4,06 ,77 7,50	6.26 3.51 5.08 2.90 2.4649 4.45	1.77	3.18 . 3.62 2.46 2.84 . 4.66	43.14	
STONY CREEK SUPFOLK LAKE KILBY SUNNYBANK TANGIER ISLAND URBANNA	4.52 4.04 E 4.38 4.46		4.59 5.26 4.79 5.75		2.33 2.59 E 3.01 2.69	2.57 3.71 3.19 3.15		2.04 .65 .44 .85	1.74 6.29 3.49 1.85	6.96 5.14 2.42 2.35	11.60 3.50 1.96 5.50	9.44 2.45 1.30 3.02	7.08 4.57 3.53 4.28	1.45 2.45 2.43 2.44	4.10 2.82 2.86 3.00	58.42 43.47 E 33.80 39.34	
WAKEFJELD WALKERTON WALLACETON LK DRUMMOND WARSAW 2 N WEST POINT 2 SW WILLIAMSBURG 2 N	E 4.17 4.14 3.48 4.66	.50	5.91 4.47 4.97 5.48	.82	2.21 3.1580 2.60 2.35	2.86 3.74- 4.88 3.31	•02	1.00 1.94- 2.04 .73 .94	4.87, 2.10- 2.39 3.93 2.43	5.53 4.47- 2,26 3.63 4.57	7.86 8.94 3.02 6.08 5.24	1.55 5.49 1.12 3.38 2.60	3.03 9.27 6.07 2.65 4.33	2.19 1.31	3.03 5.06 1. 2.84 2.88	78 54.08 41.45 41.67	3.6
·	4,54					ĺ		1									
DIVISION  # # #  EASTERN PIEDMONT 02	4,12	,75	4,89	1.87	2,60- ,93	3,54	.11	1.50- 2.11	2,98- ,59	4,22- 1,19	5.1027	6.62 2.74	4,59 1,53	1.70- 1.28	3,49	45.15	1.2
ASHLAND 1 SH BLACKSTONE FAA AP BREMO BLUFF BUCKINGHAM CHASE CITY	3,55 3,58 3,93 3,84 3,77		4,62 4,69 4,46 4,63 4,57		2.18 2.12 1.72 1.77 2.15	2.64 2.77 2.12 2.06 2.18		.66 2.14 .91 1.43 2.91	3.06 1.63 .36 .99 1.97	6.82 6.59 2.57 2.54 5.57	6.19 4.61, 1.43 1.33	3.20 2.32 2.46 1.16 1.81	3.95 4.55 2.21 3.28 6.40	1.05 2.00 2.29 2.35 1.62	3.48 2.74 3.31 2.70 3.19	E 41.40 39.74 27.79 28.10 41.01	
CLARKSVILLE COLUMBIA CORBIN FARMVILLE 2 N GORDONSVILLE 3 S	3.60- 3.85 4.38 5.50 4.58	,06 ,61		1.69 1.13 2.08	2.07- 1.83 1.57- 1.90 2.27. 3.3068	2.67e	1.53 .82	2.07- 1.54 .70- 3.09 1.10 2.13- 1.89	3.1895 2.5269 4.06 1.17- 3.14 2.12	4.5341 2.52- 2.11 3.81 3.9092 2.58		3.30= .55 1.49= 2.29 3.21 2.52= 1.28 3.02	5.31; 2.58 2.29 .65 3.10 3.50 .54	1.58 - 1.68 2.2845 2.16 1.67 - 1.42 2.58	3.82	37.31- 28.33- 39.67 32E 38.74- 33.84	12.8
JOHN H KERR DAM Lawrenceville Louisa New Canton Palmyra 1 E	3,58 4,35 4,60 3,96 3,82	,36	4.54 4.35 5.70 4.73 4.83	1.86	1.93 2.55 2.09 2.11= 1.64	1.89 3.25 3.99 2.34 1.96	1.34	1.15 1.76 .56 1.06- 2.70	1.72 3.75 1.59 .37- 2.89	5.38 7.45 3.05 2.55 2.02 3.03	.79	3.65 3.60 2.01 1.50= 2.06 1.23	4,56 4,25 3,55 2,33= ,55 2,38	1.96 1.75 2.23 2.4251 2.47	2.85 2.90 3.62 3.31 3.43	36.61 48.06 34.85 29.45=1 27.48	13.2
PARTLOW 3 WNW POWHATAN 5 SW RICHMOND WB AP R STATE FARM	3.20 2.95 4.16 3.04	, 70	3.00 4.76 4.46 4.82	1.56	1.70 1.85 2.61= .81 2.44	3.75 3.17 2.71= 2.67	.44	.45' 1.54 1.14- 2.58 1.35'	4.35 1.66 2.40- 1.35 2.18	2.80 8.11 6.46 .85 4.26	2.50 3.73 9.88 4.34 4.11	1.70 2.79 2.56= 1.09 3.89	3,45 3,76 3,62 ,62 3,52	2.25 <sup>1</sup> 1.73 <sup>1</sup> 1.98= 1.08 1.93	3.65 3.23 3.05 3.12	32.60 39.28 45.03 37.33	. 8
DIVISION	3.96	,45	4,56	1,61	2,19= 1,52	2.97-	.56	1,33- 2,36	2.33- 1.34	5.0009	4,2454	2,49- 1.15	3,79 .87	1.93- 1.07	3,28	38.09	5.5
WESTERN PIEDMONT 03		ĺ			,		İ	:		,							
ALTAVISTA APPOMATTOX 3 W BEDFORD BROOKNEAL 2 NE CHARLOTTE COURT HOUSE	4.28 3.76 5.03 5.21 3.96	1,57	4,50 4,01 4,83 3,91 3,71	1.91	2.00 2.66 2.49 1.62 2.25 2.22	2.06	.56	1.66	1.31 1.84 .82- 3.63 1.00 1.22	3.67. 3.07	2.70 1.35	4.23 3.92	1.59 2.93 2.68 .32 2.80 4.13	1.91	4.05	35.38 34.82 39.11= 35.52 33.18	
CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W CHATHAM 2 NE CONCORD 5 S DANVILLE BRIDGE ST	4.66 4.90 4.45 4.39	1,26	4.92 4.30 4.52 4.35	1.70	1.88= 2.02 1.61 2.73= 1.01 2.14 2.23= 1.64	4.17 2.97= 2.98 3.40=	.90	1.46 1.98- 1.69 1.82 2.12- 2.06	1.71- 2.27 1.74 .92- 2.87 1.43 2.49- 1.15	6.31 .73 5.50 7.43 3.05 6.32 4.98 .43	E 4.93 8.59 4.09 1.12 7.49 3.24	2.28 6.36 2.26 1.37 4.12 .07	3.16 .21 3.01 4.30 1.42 3.10 4.82 1.95	3.52. 2.40= .56 2.16 2.09= .62	3.60 3.27= . 3.06 3.16= .	50.15 34.47 45.64	
FREE UNION HALIFAX I N HALIFAX Z SSE HOLCOMBS ROCK HUDDLESTON Z SH	5.04 3.57 3.48 5.12 4.78	.22	4.04 4.32 4.59 5.08 5.17	1.19	3.17 2.57- 1.30 2.44 1.94 2.34	2,53 3,27 2,94		2,58 2,00 2,39	2,38 1,20= 2,91 1,69 1,80 3,39	7.17. 3.40- 1.50 5.12 3.83 9.03	1.79 2.03 6.78	4,59 2,51 3,01	5.79 3.36 2.28	1.52 3.63 3.06	3,39 3,95 3,01	45.15 39.99- 39.51 38.52 48.18	
LYNCHBURG WB AIRPORT R MARTINSVILLE FILT PL MEADOWS OF DAN 5 SW MONTEBELLO 3 NE PEDLAR DAM	4.82 4.73 4.95 6.38 3.33	1.53	4,46 5,56 4,52 6,62 5,19	1.81	1.99= 1.62 2.74 3.75 2.79 3.18	3,37 5,35 4,32 5,17	1.00	1.64- 1.57 2.50 1.98 1.34 3.37	.67- 3.39 2.01 2.80 2.88 2.35	6.07. 1.86 9.72 15.52 2.83 2.49	7.30 7.39 2.64 1.75	2.57 4.87 2.51 2.41	2.0658 4.49 6.22 3.87 3.31	3.08 .50 3.31 3.25 5.45 3.79	3.52 . 3.36 4.29 3.94 4.40	38 33.73- 51.66 64.89 45.57 40.74	6.5
PHILPOT DAM 2 RANDOLPH ROCKFISH ROCKY MOUNT STUART 1 SSE	5.40 3.71 5.15 4.51 6.08	.08 1,30	5.65 4.29 4.02	-	2.04 3.44= .44 1.65 2.27= 1.57 3.98	3,21 3,98 3,51	1.93	1,34 2,85 1,28 2,31	2.46 1.88 1.72 2.46 2.35 1.48 2.40	7.44 2.99- 1.65 5.18 7.55 3.06 12.72	2,26 6,63 2,49 7,30	2.77 5.71 1.65 3.16	3.01 3.2210 3.20	4,12 3,10 ,42 2,89	4,59	41.05 49.02 56.16	
TYE RIVER 1 SE WOOLWINE 4 3	6,25		5,06 5,38		2.20 3.37	3.92 9.76	ĺ	1.52 2.62	3.01	5.57 10.34	.52 8.91	2.06 4.82	E 2.45 4.84	3.67 4.12	2.80 2.78	61.20	
DIVISION	4.66	1.24	4.51	1.47	2.39= 1.59	3,28-	•40	2.01- 1.95	1.64- 2.44	6.63 1.81	4.4023	3.56= .51	3.64 .53	2.8110	3,41 .	9 42.94-	2.0
NORTHERN 04 ALEXANDRIA CITY GARAGE AMISSVILLE	E 4,54 3,45		3.17 3.98		2,42 2,04	4.75 4.30		1.93 .88	1.37.	1.87 3.58	2,11	3.60 4.33	2.04 2.43	1.56 1.60	3.46 2.84	E 32.82 32.46	

### TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Table 2-Continued			10,	WI	, F.R	EC	ILII	.Aı	101	<u> </u>	ועם טו		KIC	KLD	1 1/	O1/1	.,		V1.1.1.						1404
	Janu	ary	Febr	uary	Маз	ch	Ap	ril	Ма	у	June	]	ıly	August	Se	eptemb	er	Octob	xer	Novez	aber	Decem	ber	Ann	لمن
Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation Departure	Precipitation	Departure	Precipitation Departure	.   3	recipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
BERRYVILLE BIG MEADOWS CULPEPER ELKWOOD 6 SE FAIRFAX	3.99 4.96 5.57 4.53	2,54	4.02 4.77 .3.52 3.90	.97	2.54 2.58 2.10 2.07	- 1,28	4.97 6.19 4.26 3.75	,62	.85 1.88 .89 1.27	3,21	2.03 1.42 .64 3.0	3.8 3.3 3.3 3.2	9- 1.41	3,00 2,51 2,31 - 2, 3,46	07 3	.99 .93 .96	.34	2.13 3.78 3.27 3.02	.13	1.70 4.49 2.25 2.59	. 73	2,35 3,37 2,85 3,20	.02	35.37 43.18 35.01 36.17	7.16
FALLS CHURCH 2 SW GROVETON Lincoln Luray 3 E Manassas	3,86 4,06 3,66 4,73 4,46	,63	3,88 3,37 4,50 4,54 4,83	1.76	2.80 1.97 2.70 1.99 2.64	- 1.08	E 4.87 4.99 5.72 4.53 3.88	2.19	2,18 1,64 .83 .85	3,33	2.31 1.12 2.04- 1.5 2.11	E 2.0 1.9 6.8 2.3 E 2.2	2 8 7	2.15 1.61 1.62= 3. 1.73	12 5	.64 .33 .73 .65	••0	2.06 1.67 1.92- 3.81 3.50	1.95	1.67 1.67 1.60 2.79 E 1.86	1.28	3,42 3,35 3,31 2,63 3,41	•19	34.91 30.70 40.51 35.73	- 2.12
MOUNT MEATHER PIEDMONT FIELD STATION RAPIDAN RIVERTON SOMERSET	3.37 E 4.22 5.16 2.57 4.75	.17	3.75 3.60 4.57 3.22 4.07	1.42	1.62 E 2.05 2.60 E 2.38		4.46 3.09 3.72 4.55 3.20	1.15	.56- .65 1.28 1.91- 1.01		2.26- 1.3 2.62 1.16 2.386	2.0	3 1 7 .09	3.11-1. 3.00 3.22 2.03-1. 2.23	73 4	.55 .60 .61 .57	.78	2.77- 3.14 3.10 3.24 3.38	.93	2.04 2.79 2.66 2.31 2.81	06	2,22 3,32 3,25 2,38 3,23	.00	34.91 34.11 36.74 E 35.01	36
THE PLAINS 1 E VIENNA DUNN LORING WARRENTON 3 SE WASHINGTON WASH DC DULLES WB AP	4.56 4.52 3.71 2.70 5.56		4.36 4.34 3.28 2.70 4.50		2.38 2.65 2.07 2.16 2.82		5.72 5.03 6.73 7.30 3.68		1,42 2,47 1,33 1,66		.34 1.80 .96 1.32 1.36	4.4 2.2 2.9 5.5 3.0	9 2 B	3.48 2.25 2.87 2.86 2.49	3	.27 .96 .48 .54		2.93 2.08 2.86 3.16 1.96		2.34 1.52 1.90 E 3.03 1.80		3.52 2.98 2.65 2.62 4.19		40.77 35.89 34.96 39.63	
WASH DC STERLING WB WASHINGTON WB NAT AP R WAVERLY HILLS WINCHESTER 1 N WOODSTOCK	3,95 3,98 4,58 3,48 3,07	.95 1.09 .81	3.68 3.38 3.85 3.79 3.17	.91 1,67 1,43	2.87	35	3,62 4,37 4,86 3,65 2,70	1.22 .54	.62 1.46 2.03 .47	3.63	1.00 1.30 1.9 1.80 1.68 2.0 1.67 2.1	2 3.1	7- 2.28 3 4- 1.10	2.94 1.89= 3. 2.60 1.84= 2.	01 3	.16	.76 1.19	1.70 1.34 1.91 1.86 2.58	1,59	1.73 1.42 1.88 1.54 1.27	1.05	4,09 2,87 3,58 2,46 2,45	.09 .02	35.47	-11.30
DIVISION	4,15	1,34	3,83	1.48	2,41	. ,96	4,60	1.27	1.13-	3,00	1,56- 2,1	1 3.0	3- 1.28	2.34- 2.	22 4	.01	.58	2,57	.88	2,10	. ,73	3.09	.29	34.82	- 6.22
CENTRAL MOUNTAIN 05																	Ì								
BALCONY FALLS BUCMANAN BUENA YISTA CATAWBA SANATORIUM CLIFTON FORGE	4,63 3,67 4,04 E 4,79 3,81	1.21 .42 1.62 .82	5,44 4,40 4,38 4,50 4,73	2.46 1.47 1.60 1.88		1.79 1.69 1.60		1	1.96= 1.37 1.69=	2.08	.98- 2.5 1.86- 2.4 1.62 2.12- 1.5 2.01- 1.7	6 2.7 1.5 0 3.4	9- 1.62 6 3- 1.13	2.53 - 2. 1.79 4.41 -	14 1 10 2	.76m .89 .47m		3.51 3.58 2.39 3.41 1.09	.18 .16 .24 1.85	3.57 2.90	1.75 .44 .31	3.46 3.01 3.38 2.18 3.24		34.41 31.12 E 38.29	- 4.68 - 9.79 - 4.21 - 2.59
COOTES STORE COVINGTON COVINGTON FILT PLANT CRAIGSVILLE DALE ENTERPRISE	3.01 2.64 3.50 3.78 2.46	,30	3.22 3.64 3.48 3.90 2.04	.09	1.80 1.96 2.08 2.23 1.75	- 1,12	2.29 2.27 2.54 2.48 2.82	. 23	1.01 .94 .86 .55 2.60	1.40	2,14 2,32 3,07 2,67 1,95= 1,8	1.7 3.0 3.3 2.1	1	1.59 2.43 2.80 2.26 1.43 2.	3 2	.70 .32 .95 .15	.18	2.19 1.07 1.38 1.18 1.79	.84	1.91 2.29 2.56 2.54 1.93	• •17	2,67 2,11 2,66 3,09 2,48	. 25	30.24 28.00 31.27 30.91 26.06	1
DEERFIELD 1 S GOSHEN HOT SPRINGS KERRS CREEK 1 WSW LEXINGTON	2.85 3.73 4,12 4.60 3.89	1.11	3.60 5.31 4.52 5.28 4.54	1,68 1,79	2.62 1.40 2.73 2.31 2.11		4.09 2.72 4.18 3.84 3.20	1.06	.68 .42 1.03 1.03		.99 2.56 2.77- 1.4 3.09 2.48- 1.1	2.9	2 5 .17 L	3.11 2.19 2.94-1, 3.61 1.96-2.	71 4	.37 .14 .69 .12	.47	1.83 .93 1.82 .93 1.11		2.17 3.75 3.28 3.38 2.65	.51	3.14 3.04 3.41 2.74 3.26	.53	33.83 34.01 39.84 36.84 30.27	- 1,54
NC DOWELL MONTEREY MOORES CREEK DAM NEW CASTLE NORTH RIVER DAM	3.82 4.01 4.08 3.61	,93	4.06 4.59 4.67 4.28	1.85	3.61 2.52 1.97 2.26	. 1.05	4,43 3,55 2,53 3,92 3,82	.61	.14 .52 1.25 1.79 1.34	2,59	1.40 1.57 2.10 1.96 2.75 1.4	3.9 2.9 2.2 3.6 4.7	6 0	1,24 1,86 3,00 3,85 3,46= 1,	1 3	.92 .80 .23	.87	1,21 2,29 39 2,03 2,07	•97	.82 2.48 3.30 3.08 2.77	•06	2.45 3.33 4.03 2.46 2.54	.07	34.15 31.72 36.64 38.20	1
PEAKS OF OTTER ROANOKE ROANOKE WB AIRPORT R STAUNTON D AND B INST STUARTS DRAFT	5.12 5.31 5.20 5.09 4.64	2.20 2.08 .42	5,33 3,27 3,67	2.47 1,16	2.32 1.81 1.05	- 1.72 - 2.12	4,64 3,54 2,16 2,44	44 82	1.79- 1.20- 1.19	2.00 2.54	1.41 1.97- 1.5 .59- 3.1 1.36		788 8- 2-23	3.54- 1. 2.68- 1. 2.05	09 2	.70 .70 .55	•56 •26	4.60 2.80 1.87 3.38	•41	3.09 2.23 3.40	.39	2.73 2.02 3.25		53,14 37,81 25,49 29,96	- 3.36 -11.93
TIMBERVILLE WILLIAMSVILLE 5 N	2,68	.50	3.03	1.00	1.94	- 1.0z	2,61	• •11	.99	2.77	2.12- 1.4	0 1.4	2- 2,63	2.68-1.	36 4	82	1.62	2.66	,05	1.77	- ,36	2.67	•50	29.39	6.38
DIVISION	4.02	1.12	4,22	1.61	2.14	1.35	3.37	.30	1.53	2.33	1.91- 1.9	6 3.1	5- 1.20	2.94- 1.	50 3	.23-	.14	2.57	.45	2.98	. 37	2.96	.12	35.02	- 5.41
SOUTHWESTERN Mountain 06										į						:	-	i		. !		!			
ALLISONIA BLACKSBURG 2 BLAND BRISTOL BURKES GARDEN	3.52 3.39 2.95	. 92	3.89 3.92 3.72 3.87	.25	1.51 2.59 3.20	39	2.22 4.00 2.37	. ,73	1.78 2.09 1.57	1.25	1,34 1,31 1,41 2,83 1,2	5.6 4.4 5.1	3	2,96 4,38 2,55	2	.08 .03 .15	.69	4.63 3.40 3.55	• 26	2.32 1.77 2.42 3.16	.17	1.61 2.31 2.17	.57	34,46 36.62 33.23	i
BYLLESBY CHILHOWIE 1 S CLINCHCO COPPER HILL DAMASCUS	4.24 3.68 3.37 3.78 3.21	,72	3.91 3.94 3.62 5.00 4.95	1.04	2.61 4.07 4.32 2.30 3.83	- 47	2.69 3.28 3.04 3.51 4.94	1.35	2.79 2.49 2.09 2.30 2.49	1.74	1.15 1.93 5.89 2.27 1.90~ 2.2	5.5 4.8 4.2 6.4 2 2.7	3 7 6	6.02 2.74 3.32 5.69 3.92	2 4 2	.21 .97 .93 .90	2.57	4.52 5.49 3.96 4.33 6.28	3.94	2.78 1.98 2.84 3.44 2.39		2.22 2.68 3.14 3.34 4.36	1.08	40.69 40.08 44.79 45.32	
FLOYD 2 NE GALAX RADIO WBOB GLEN LYN GRUNDY 3 NW HILLSVILLE 1 5	3,77 5,02 2,77 3,90 4,00	.11	4,96 4,20 3,80 3,64 4,17	. 95	2.50 2.65 3.50 4.16 2.71	03	3.10 3.01 2.72 3.11 3.48	31	1.61 3.58 2.46 2.45 2.45	. 93	1.92 1.75 2.16 1.4 7.70 1.52	5.4 4.2 3.5 .9 4.8	9 088 5	5.08 2.87 1.86 2.	.05 2	.46 .92 .11-	.45	3.48 5.53 2.31	.03	3.26 4.15 2.31 E 4.56	.04	2.36 2.51 3.02	.54	E 39.91 E 42.46 32.52	+ 4.71
INDEPENDENCE 2 LAFAYETTE 1 NE MARION EVAP STATION MENDOTA NEWPORT 2 NW	4,43 5,33 2,58 3,57 2,45	• •70	4.16 4.12 3.97 4.51 3.53	.61	2.66 1.64 3.92 4.81 2.58	.22	2.67 3.31 3.23 4.71 2.80	1.01	1.49 2.00 2.25 4.00	•09	1.05 1.41 2.29 1.93-1.7	4.5 4.7 4.0 3.8 2.6	1 0 7- 1.49	5.53 4.06 4.41 5.02	.64 2	.30 .64 .78 .30	.49	5.63 4.48 4.15 5.06 3.40	2.61	3.43 2.31 2.39 3.10 2.46	.17	1.80 2,72 2.78 3.11	.43	42.74 38.73 38.75 45.99	•50
PENNINGTON GAP PILOT I ENE PULASKI RADFORD CLAYTOR DAM ROCKY KNOB	5.86 3.66 3.53 3.61 3.21	• 60 • 71	4.76 3.98 3.50 3.89 3.96	1.27	6.11 1.86 2.26 2.09	.63 1.24	4.61 4.30 2.11 3.41 8.16	.69 .56	2.32- 1.94 1.35 1.42- 1.63	2.03	4.09 .1 2.29 2.67 2.69 .5 2.43	3.3 5.1	5 2 4 .87	5.43 1. 3.90 2.54 2.16- 1. 8.62	21 2	.82 .97 .98 .23-	.52	5.08 3.15 2.93 2.94	2.64 .51	4.23 2.91 2.40 3.95	.81	5,44 2,3L 2,46	1.08	58.50 36.64 33.65	8.06
ST PAUL SALTVILLE 1 N SPEEDWELL STAFFORDSVILLE 3 N TROUT DALE	2.29 2.90 3.66 3.24 4.99	.99	3,65 4,40 3,91 3,63 5,63	.72	4.47 3.77 2.38 2.48 4.66	50	4.00 3.19 1.89 3.58 4.50	.00	2,15 2.08 1.54 1.84 2,99	2.10	2,54 1,34 2,4 E 1,57 1,64 1,47	4.0 3.6 5.4 3.3 4.2	5- 1.16 9	5.14 2.67= 1. 6.79 2.38 6.00	62 3 3	. 80 . 47 . 05 . 63	.55	6.42 4.36 4.86 2.53 5.71	2.03	3.42 2.60 2.48 2.87 2.83		3.26 2.37- 2.40 1.72 3.13	.87	5 45.12 36.80 E 40.02 33.07	- 5.44
WISE 1 SE R	3.57 3.64	.85	3.60 3.65	.94	4.51 2.62	. 76	4.79 2.48	. ,43	3.25	1.82	5.50 2.566	0 2.5		3.82 5.28 1.		.58	.07	4.87 3.91	1.74	3.54 2.54	.30	4,13	.64	69.74 41.84	!
DIVISION	3,54	11	3,99	. 49	3,63	. 52	3.64	•19	2.28-	1,60	2.87- 1.1	2 4.5	141	4.28-	.02 3	.28	.17	4.25	1.73	2.98	.29	3.00-	.24	42,25	- 1.15

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

Table 3			-1:	EMP.	ERA		JKE.	, E	'X 11	1.E	IVIE	<u> </u>	ANI	レ 	FKI	1	ZE	עע	ATA								٧	IRGI 1	NIA 964
							Las	t spr	ing mir	imu	m of			_			F	rst f	all minir	mum	of						ber of veen o		=
Station	15				16° c	W	20° o belor		24° o belo	w	28° c belo		32° o belov		32° o belov		28° o belov		24° o belov		20° o belov		16° d belo		below	below	below	below	or below
	Highest	Date	Lowest	Date	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Тетр.	Date	Temp.	Date	Temp.	Date	Тетр.	Date	Temp.	16° or }	20° or l	24° or }	28° or b	32° or b
# # # TIDEWATER 01																													
BACK BAY WL REF BOHANNON 1 NE BOYKINS CAPE HENRY WB CITY CHERITON	97 98 101 95	6-10 6-10 6-20		1-15	NONE 1-15 1-15 NONE NONE	15 10	NONE 3-31 2-23 NONE 1-15	20 20	1=16 3=31 3=31 1=16 2=23	19 23 23	3-31 4- 5 4- 2 3-31 2-24	27 26 27	4-10 4-10 4- 5	30 32 32	11-23 11-22 10-12 11-22 11-22	27 29 32	11-22 11-22 12- 2	27 24 26	11-23 11-22 NONE	22	12- 2	20 20	NONE NONE NONE NONE				237 236	234	226 185 231
CHINCOTEAGUE WL REF COLONIAL BEACH DIAMOND SPRINGS FORT LEE FREDERICKSBURG 2 5	92 98 101 97 101	6=14 6=15 6=11 6=21 6=16	15 5 19 3 7	1-14 1-15 1-14 1-15 1-15	1-15 1-16 NONE 2- 4 2-23	11	1-15 2- 4 1-15 2-23 3-31	20 20 18	2=24 3=31 1=16 3=31 4=-5	22 22 21	4- 2 3-31 3-31 4- 5 4-11	22 26 28	4- 6	1321	11-22 11-22 11-23 10-8 10-8	27	11-23	27	NONE	il	NONE	20	NONE NONE NONE 12-16 11-22		316 273	1	236	237	231
HOG ISL LTL MACHIPONGO HOLLAND I E HOPEWELL LANGLEY AIR FORCE BASE NASSAWADOX	99 99 97	6=11 6=21 6=10 6=10	12 6 17	1-15 1-15	2= 4 1-15 NONE NONE	6	2-23 2-23 2- 4 1-16 2-23	20 17 17	4+ 2 3+31 2-12 2-25	23	4- 2 4- 5 3-31 4- 2	28	4- 5	31	10= 6 10=12 11=22 10=12	29 26	10-24 11-22	28 26	11-22	22	11-23 NONE	20	NONE		•	293	235 236 285 272	202 236	185 23 ļ
NELSONIA NEWPORT NEWS PRESS BLD NORFOLK WB AIRPORT NORFOLK PAINTER 2 W	100 101 100 98	6=10 6=10	14 15 20 22 14	1-15+	1-15 1-15 NONE NONE 1-15	15	2-23 1-16 1-19 NONE 2-23	18 20	2=25 3=30 2=13 1=15 4= 1	22 22 22	4- 2 3-30 4- 2 2-23 4- 4	22 28 28	4-26 3-31 4-5 3-31 4-25	29 31	11-22 12- 1 10-11	27 28 29	11-22	27	12- 2	24	NONE NONE 11-22		NONE NONE 12+16		". 338	273	272 293 235	282	245
PARRAMORE BEACH L B S QUANTICO 1 3 STONY CREEK SUFFOLK LAKE KILBY SUNNYBANK	102 99 97	6=10 6=15	14 16	1-15 1-15 1-14	1÷16 1÷15 1=14	14	1-18 2- 4 2-13	19	3-31 2-23 2-23	22	4- 5 4- 2 4- 2	28	4-10 4- 2 4- 5	28	11-23 10-11 - 11-22 10-12	29 28	11-22	27	11-22	24	12-19	20	NONE NONE NONE	16	311	319		234	
TANGIER ISLAND Urbanna Wakefield Walkerton Warsaw 2 N	91 98 101 100	6=10 6=10 6=10 6=10	14 13 - 2 4	1-14 1-15 1-15 1-15	1-15 1-15 2-23 3-31	13	1-16 2-13 3-31 3-31	17	2-28 3-31 4- 2 3-31	22	4- 1 4- 4 4- 5 4- 5	28	4-26 4-10	32 31	10- 8	30 32	10=24 10=24	26 28	11-23 11-23 11-22 11-22	23 15 19	11-22 11-22	15	11-22	15	263	236 236	276 237 294 236	202	181
WEST POINT 2 SW WILLIAMSBURG 2 N * * * EASTERN PIÉDMONT Ó2	99	6=10 6=10	8	1-15	2- 4 2- 4	13	3+31 3+31		3-31 3-31		4= 5 4= 5	26 27	4=10 4=10	29 29	10- 8 10-12	32 30	10+12 11-22	28 23	11=22 11=22	22	11-23 12-16	19	12-16 NONE		316	237 260	236 236	190 231	181
ASHLAND I SW BLACKSTONE FAA AP CHASE CITY COLUMBIA CORBIN	97 97 98 99	6=216 6=20 6=10 6=21 6=11	- 5 6 9 0	1-15 1-15 1-19 1-16-	3+31 2-23 1-15 2-23 3-31	16 9 12	3-31 2-23 2-23 3-31 3-31	16 17 20	3=31 3=31 4= 5	22 22 24	4-10 3-31 4- 2 4-10 4-10	22 27 28	4-10 4-10 4-10	31 31 28	10= 8 10=11 10=11 10= 7 10= 8	30 31 31	10-24 11-22 10-11	27 19 26	11-22 11-22 10-24	17 19 24	11-22 11-22 11-22	17 19 14	12-19 12-19 11-22	11 13	300 339 273	273 273 236	236 236 202	207 234 184	184 180
JOHN H KERR DAM LAWRENCEVILLE LOUISA NEW CANTON	98 99 100 99	6-21+ 6-21	1 1	1-15 1-15 1-15 1-15	3=30 2=23 2=23 2=23 3=31	15 15 13 12	3-30 2-23 3-31 3-31 4- 2	15 15 20 20	4- 2 2-25 3-31 4- 2 4- 5	24 24 20 22	4-10 3-31 4- 2 4-10 4-10	27 26 25 27	4=16 4=10 4=26 4=16	32 29 32 32	10- 8	29 31 32 32	10=11 10=11 10=12 10=11	28 28 26 25	11=22 11=22 11=22 11=22	13 17 17	11-22 11-22 11-22 11-22	13 17 17 17	11-22 12- 1 11-23 11-22	13 16 16 13	237 282 274 273	237 273 236 236	234 271 236 234	184 194 193 184	175 181 165 174
PARTLOW 3 WNW POWHATAN 5 SW RICHMOND WB AP	100 99 98	6=20+ 6=20+ 6=10		1-15 1-15 1-15	3-31 2-23 2- 4	11	4- 2 3-31 3-31	19	4-10 4- 5 3-31	24	4-11 4-10 4- 5	25	4-16 4-11 4-10	29 30 30	10= 6 10= 7 10=11	31 32 32	10= 8 10=11 11=21	24 27 27	10= 8 11=22 11=22	24 12 18	10-12 11-22 11-22	20 12 18	11-22 11-22 12-19	7 12 15	236 273 319	193 236 236	181 231 236	180 184 230	173 179 184
WESTERN PIEDMONT 03			.																										
APPOMATTOX 3 W BEDFORD CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W CHARLOTTESVILLE 1 W	98 98 98 99	6=21 6=20 6=21 6=21 6=27	13	1-15 12-19 1-15 1-14 1-15	1-29 1-15 2-23 1-15 2-23	16 14 14	2-26 2-24 2-29 2-23 2-23	17 20 18	3-31	23 21 23	4- 2 4- 6 4-10 4- 2 4- 5	25 28 27	4-10 4-10 4-7	29 28 30	10- 7 10- 7 10- 8 11-22 10- 8	32 32 20	10-12 10-11 11-22	28 28 20	11=22 11=22 11=22	18 15 20	11-22 11-22 11-22	18 15 20	12- 8 11-22 12-19	16 15 14	328 273 339	272 267 273	236 236 236	189 184 234	180 181 229
CHATHAM 2 NE DANVILLE-BIDGE ST HALIFAX 2 SSE LYNCHBURG WB AIRPORT MARTINSVILLE FILT PL	98 98 100 99	6=23+ 6=22+ 6=21 6=20 6=21+	8 4 7	1-15 1-15 1-15 1-15 1-16	2-23 1-17 3-31 2-23 3-31	10 15 16	2-23 2-24 3-31 2-23 3-31	19 15 16	3=31 3=30 3=31 3=31 4=10	23 15 22	4-10 4- 2 4- 1 3-31 4-10	27 28 22	4- 2	27	10-8 10-11 10-11 10-9 10-6	30	11-22	23	11-22	23	11-23	19	12-19	12	337	273	237	234	192
PHILPOT DAM 2 ROCKY MOUNT STUART 1 SSE TYE RIVER 1 SE	96 97 99 100	6=22 6=22 6=21 6=28+	9 7 9	1-16 12-20- 1-14- 12-19-	2-23 2-24 1-15 2-23	14	3-31 3-31 3-31 2-26	18	3+31 4- 1 3+31 3+19	22 17	4-10 4-10 4- 1 4- 5	28 26	4-10 4-16 4- 1 4- 5	28 32 26 28	10-11 10- 8 10-11 10- 8	29 28 31 32	10=12 10= 8 11=21 10=11	28 28 18 26	11=22 11=22 11=21 11=22	17 14 18 17	11-22 11-22 11-21 11-22	17 16 18 17	12- 8 11-22 11-22 11-23	11 14 15 15	289 272 312 274	236 236 235 270	236 235 235 248	185 181 234 189	184 175 193 186
NORTHERN 04																								ĺ			.		
ALEXANDRIA CITY GARAGE BERRYVILLE BIG MEADOWS CULPEPER ELKWOOD 6 SE	99 97 87 100	7=30+ 9=11+ 6=27 6=20 6=10		1-15 1-15 1-15 1-15 1-15	2-23 3-1 4-4 2-23 3-31	15 14 13	3-31 4- 2 4- 4 3-31 3-31	20 14 20	4- 1 4- 5 4- 9 4- 5	21 23 23	4-16 4-16 4-9 4-10 4-10	28 23 27	4=25 4=25 4=16	31 31 32	10=12 10= 6 10= 6 10= 8 10= 7	30 29 31	10= 7 10= 7 10=12	27 28 27	10=24 10=11 11=22	23 21 12	11-22 11-21 11-22	19 12	11-22 11-22 11-22	7 12	266 232 273	234 231 236	202 185 231	174 181 185	164 175
FALLS CHURCH 2 SW LINCOLN LURAY 5 E MANASSAS MOUNT WEATHER	97 98 98 91	7=10+ 6=27 8=26 6=30	- 2 8 - 5 0	1=15 1=16 1=15 1=15 1=14	2=23 2=26 2=26 2=24 3=30	15	3-31 2-27 4- 2 2-28 4- 4	20	4= 5 4= 1 4=10 3=31 4= 4	21 24 22	4-10 4-5 4-16 4-2 4-4	25 27 28	4-16 4-10	32 27 31	10- 8 10- 8 10- 6 10- 8 10- 7	31 28 32	10-11	27 28	10-11	22	11-22	8	11-22	8	-	234	184	189 173	182 173 181
PIEDMONT FIELD STATION WARRENTON 3 SE WASHINGTON WASH DC-DULLES WB AP	98 98 98 100	6=21+ 6=30 6=28 6=27	2 5 • 2 • 7	1-15 1-15 1-15 1-15	Z=23 2=23 4= 2 2=23	15	4- 5 3-31 4- 5 3-31	19	4- 5 3-31 4-10 4- 5	19 22	4- 5 4- 5 4-10 4-10	27	4- 6	31 31	10-11 10-11 10- 8	59	11-22	14	11-22	14	11-22	14	11-22	14	273	236	236	231	186
							j		See	refe	ence n	otes	fallowin	na l	Station I	Inde	_			İ	į								

Table 3—Continued														_,														19	964
						Last spring minimum of											Fi	rst fa	all minir	num	of						er of e		
Station					16° o belov		20° o belov		24° o belov		28° o belov		32° oi below		32° o belov		28° o belov		24° o belov		20° or belov		16° o belov	<b>"</b>	below	below	below	below	or below
	Highest	Date.	Lowest	Date	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Тетр.	Date	Temp.	16° or	20° or 1	24° or l	28° or ]	32° or ]
WASH DC-STERLING WB WASHINGTON WB NAT AP WAVERLY HILLS WINCHESTER 1 N WOODSTOCK	98 100 99 98 100	6=10 6=30 6=27	-10 7 10 0 - 5	1-15 1-14 1-15	2=25 1=16 1=16 2=28 2=28	11 12 13		19 20 20	4- 5	23 20 23	4= 5 3=31 4= 4 4= 5 4=10	23 28 23	4- 5 4-16	32 30 30	10= 7 10=24 10=11	31 32 31	11=21 11=22 10= 8	28 27 17 28	10+12 11-22 11-22 11-22	24 22 17	11-22 12-19 11-22 11-22 11-22	15 17	12-19 12-19 11-22	15 16 14	338 338 268	236 236	236 236 231	235 232 186	189
* * *																													l
CENTRAL MOUNTAIN 05																													
BALCONY FALLS BUCHANAN	97	6=21+	5 2	1-16 1-16	2+23 2+23		3-31	20	3-31	20	4-10	26	4-16	31	10- 7	32 32	10-24	27 26	11-22 11-22	16	11-22 11-22	16 16	11-22 11-22	16 16	273 273	249 236	237 236	206 184	180
BUENA VISTA CATAWBA SANATORIUM COVINGTON FILT PLANT	94 95	6-21 6-21	6	12-19 1-16•	NONE 3=30 2=23	15	NONE 3-31 3-31	20	4- 2 4- 1 4-10	24	4-10 4- 2 4-10	27	4-16 4-10 4-16	32	10- A	31 31	10-11 10- 7	26 27	11-22 10-11	12 23	11-22 11-22	12 12	11-22 11-22	12	237 273	236 236	235 184	192 180	179
DALE ENTERPRISE HOT SPRINGS LEXINGTON MONTEREY PEAKS OF OTTER	96 91 99 90 89	6-30+ 6-27 6-28	- 3 - 1	1=15 2=12	2=26 3=30 2=23 3=31 3=31	15 9 15	3-19 3-31 4- 1 4- 2 4- 1	18 18 18	4- 5 4- 2 4- 2 4- 5 4- 1	23 21 24	4-10 4-16 4-10 4- 9	28 25 26	4-16 4-11	28 31	10- 6	28 32 20	10= 6	28 28 25	10-11 10-11	22	11+22 11+22 11-22 10-11 11-22	11 11	11-22	11	237 273 236	236 235 192	192 192 185	173 180 180	173 178 156
ROANOKE ROANOKE WE AIRPORT STAUNTON D AND B INST TIMBERVILLE	98 97 97	6+21	8 5	12-19 2-12+ 1-15	2-23 2-24 2-28	15	3-30 4- 1 4- 2	20	3-31 4- 2 4- 4	24	40 4	27	4-10	30	10- 7	32	10-11	27	11-22	15	11-22 11-22 11-22	15	11-22	15	272	235	234	190	180
* * *												}																	
SOUTHWESTERN MOUNTAIN 06																													
BLACKSBURG 2	93	6-22	2	1-16	3-31	16	3-31	16	4= i	23	4- 2	25	4-16	30	10- 6	28	10- 6	28	10-11	23	11-22	13	11-22	13	236	236	193	187	173
BRISTOL BURKES GARDEN CHILHOWIE 1 5 FLOYD 2 NE	86 93 91		-10 -10	1-15	3-31 3-31 3-31	14	4- 1	18	4-16 4-10 4-10	22	4-16	27	6- 4 4-16 4-16	27	9-14 9-15 9-15	31	10- 6	27	10- 7	24	10- 7 10-24 10-11	19	11-22	7	236	206	180	173	102 152 152
GÁLAX RADIO WBOB GLEN LYN	90		- 5		3-30 3-31			17	4-10 3-31				4-16 4-16		9÷26	32 31	10-6	28 26	10-11	22	11+22 11+22	12	11-22	12	237 236	236 236	184 236	178 184	163
GRUNDY 3 NW MARION EVAP STATION PENNINGTON GAP	91 89	6-22		1-15	2-23 3-30 3-30	16	3-29	17	4- 1	17	4-10 4-10	28 25	4-11 4-16	29 30		27 31	10- 6 10-11	27 25	10-11	22	11-22 11-22	10	11-22 11-22	10	237 237	235 236	193 234	179	173 178
PULASKI ROCKY KNOB ST PAUL, SAUTVILLE 1 N WISE 1 SE	89 85 97 94 88	6=23 6=22 6=28	- 2	1-14 1-16. 1-16.	3-31	15 16	3-31	18 15 16		24 22 24	4-11	24 28 27	4-16	29 28	10- 6	32 31	10-11	28 25 28	11-22 11-22	11	11-22 11-22 11-22 11-22 11-22	11 11 14	11-22	11	235 236	235 235 236	226 234	185 178 183	179
WYTHEVILLE 1 5	90	7-2B4	Ι.,		3.30	13	4- 1	20	4-10	24	4=16	25	4-16	25	9=26	31	10- 6	28	10-11	20	10-11	20	11-22	9	237	193	184	173	163

## TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annua
TIDEWATER 01														
HOLLAND 1 E	EVAP DEP WIND MAX MIN	1111	1111		B 5.78 - B 2404 70.9 47.5	7.71 .73 2397 80.3 57.0	7.91 .18 1575 89.0 64.2	7.21 48 - 89.2 68.5	B 6.42 18 B 1360 88.2 66.4	- 4.68 24 1671 82.7 61.2	B 2.84 73 1331 66.7 47.5	- - -	= = = = = = = = = = = = = = = = = = = =	- - -
EASTERN PIEDMONT 02											Ì			
JOHN H. KERR DAM	EVAP DEP WIND	- -	111	-	B 4.31 B 1576	6.74 1471	7.64 _ 1090	6.62 1350	5.25 990	B 4.74 990	2.20 - 794	-	<u>-</u>	=
WESTERN PIEDMONT 03														
CHARLOTTESVILLE 1 W	EVAP DEP WIND MAX MIN	11111	1111	-	=======================================	B 6.40 1126 83.8 57.4	7.09 819 92.1 64.9	760 93.2 69.4	B 5.87 - 716 87.9 66.3	4.45 - 820 82.2 57.8	1111	- - -	=======================================	-
PHILPOT DAM 2	EVAP DEP WIND	- - -	-	=	B 3.57	5.22 682	5.39 - 412	B 5.10 448	B 4.41 531	B 3,96 372	В 2,72 433	-	=	=
SOUTHWESTERN MOUNTAIN 06	+													
MARION EVAP STATION	EVAP DEP WIND MAX MIN	- 2070 -	- 1903 -	8 3 <u>.62</u> 2159 57.1 36.7	4.08 1702 67.1 43.7	6.06 1246 83.7 51.5	6.38 - 858 93.8 58.1	5.56 - 771 88.9 65.2	5.21 872 85.6 64.0	4.66 - 814 82.0 56.9	2.60 974 63.5 43.0	2.20 1218 59.3 42.4	-	-

		N N	++	۵		Years reco	rd	Ope or clo	osed	Refer	ſ			No.		++		0			ars c	10	Open or clos uring	sed	Refer
Station	Index N	County	Drainage. Latitude	Longitude	Elevation	Temp. Precip.	1 1		Month closed	to tables		Station	Index No	Division	County	Drainage		Longitude	Elevation			L.	peuedo	closed	to tables
ABINGOON ALEXAMPRIA CITY GARAGE ALLISONIA ALTAVISTA ANISSVILLE APPOMATTOX 3 M ASMLAND 1 SV BACK BAY ML REF BALCONY FALLS BEDFORD	0135 0166 0193 0243 0327 0385 0411	DA RAPPAHANNOCK D3 APPOMATTOX D2 HANOVER D1 PRINCESS ANNE	9 37 22	80 45 79 18 78 01 78 53 77 29 75 55 79 27	2000 70 1870 510 550 925 220 725 975	7 13 15 15 15 15 15 15 15 15 15 15 15 15 15	2			1 2 3 2 c 2 c 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3		LOUISA LURAY 5 E LURAY 5 E LYNCHBURG MB AIRPORT MANASSAS MARION EVAP STATION MARTINSVILLE FILT PL MC GOMELL MC GAMEYSVILLE 2 S MEADOWS OF DAM 5 SW MENDOTA	5120 5213 5271 5300 5414 5423 5453 5501	03 04 06 03 05 05 05 06	LOUISA PAGE CAMPBELL PR WILLIAM SMYTH HENRY HIGHLAND ROCKINGHAM PATRICK WASHINGTON	16	38 02 38 41 37 20 38 45 36 50 36 42 38 20 38 21 36 40 36 42	78 00 78 23 79 12 77 28 81 31 79 53 79 30 78 44 80 27 82 19	437 1120 916 318 2233 760 2000 1090 -1500 1350	49 23 93 17 5 26	49 23 93 48 5 34 1	5	EB		2 3 C 2 3 C 2 3 C 2 3 C 2 3 C 2 3 C 2 3 C 2 3 C 2 2 C 2 2 C 2 2 C 2 2 C 2 2 C 2 2 C 2
BERRYVILLE BIG MEADOWS BLACKSBURG 2 BLACKSTONE FAA AP BLACKSTONE WATER WORKS BLAND BOHANNON 1 NE BOYLINS BREMO BLUFF BRISTOL	0720 0766 0773 0778 0792 0835 0956	CARRE 04 PAGE 04 PAGE 05 PAGE 06 PAGE 07 PAGE 08 PAGE 09 PAGE 01 PAGE	16 39 09 14 38 31 11 37 14 12 37 09 12 37 09 11	78 26 80 25 77 57 78 01 81 07	2040 440 423 2000 8 40 225	13 2: 29 2: 13 1: 19 1: 14 1: 11 1: 21 3:	9			1 2 3 1 2 3 C 1 2 3 1 2 3 C 2 C 2 1 2 3 1 2 3 1 2 3		MONTEBELLO 3 NE MONTEBELLO FISH NRSY MONTEREY MOORES CREEK DAM MOUNT WEATHER NASSAWADOX NELSONIA NEW CANTON NEW CASTLE NEWOOT 2 NW	5698 5729 5851 5931 5983	05 05 04 01 01	NELSON NELSON HIGHLAND ROCKBRIDGE LOUDOUN NORTHAMPTON ACCOMACK BUCKINGHAM CRAIG	13	37 53 37 51 38 25 37 45 39 04 37 28 37 49 37 42 37 30 37 19	79 06 79 06 79 35 79 38 77 53 75 52 75 35 78 18 80 06 80 31	1720 35 47	23 60 8 6	27 39 29 61 8 6 71 27				2 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 1 2 3 1 2 3
REDOCHEAL 2 NE BUCKHANN BUCKINGHAM BUCKINGHAM BUENA VISTA BURKES GARDEN GYLLESHY CAPE HENRY WB CITY CATAWAS ANATORIUM CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W	1121 1136 1159 1209 1255 1362	O3 CAMPBELL O5 BOTETOURT O5 ROCKERIDGE O6 TAZEWELL O1 PRINCESS ANNE O5 ROANOKE O3 CHARLOTTE O3 ALBEMARLE	9 37 32 9 37 32 9 37 33 9 37 43 11 37 05 11 36 46	78 56 79 41 78 33 79 22 81 20 80 55 76 00	940 9300 2075 16	61 81 81 81 81 81 81 81 81 81 81 81 81 81	77 9 11			2 1 2 3 2 2 1 2 3 1 2 3 C 1 2 3 1 2 3 1 2 3		SHEWPORT NEWS PRESS BLO NORFOLK WG AIRPORT NORFOLK NORTH RIVER DAM PAINTER 2 M PALHYRA 1 E PARRAMORE BEACH L B S PARTLOW 3 MMW PEAKS OF OTTER PEDLAR DAM	6139 6144 6199 6475 6491 6528 6533	05 01 02 01	PRINCESS ANNE AUGUSTA ACCOMAC FLUVANNA ACCOMACK SPOTSYLVANIA BOTETOURT AMHERST	5 16 5 9 2	36 59 36 53 36 52 38 22 37 35 37 52 37 34 38 09 37 28 37 40	76 26 76 12 76 17 79 16 75 49 78 15 75 38 77 42 79 36 79 17	250	,	43 19 94 34 9 8 1 15 6	Al	PR		1 2 3 C 1 2 3 C
CHARLOTTESVILLE 1 W CHASE CITY CHATHAN 2 ME CHERTION CHILHOWIE 1 S CHINCOTEAGUE ML REF CHURCHVILLE CLIRENO FORGE CLIRCHOO	1606 1614 1636 1675 1687 1708 1746 1801	03 ALBEMARLE 02 MECKLENBURG 03 PITTSYLVANIA 03 NORTHAMPTON 06 SHYTH 01 ACCOMACK 05 AUGUSTA 02 MECKLENBURG 05 ALLEGANY 00 DICKENSON	9 38 00 15 36 48 7 36 50 2 37 17 8 36 47 2 37 56 16 38 18 15 36 38 9 37 49 3 37 10	78 28 79 22 75 58 81 41 75 22 79 10	700 11 2000 10 1475	14 17 11 41 42 28 31 13 13 73	1 7 3 3 3			1 2 34C 1 2 3 1 2 3 C 1 2 3 1 2 3 1 2 3 C 2 C		PENNINGTON GAP PHILIPOT DAM 2 PIEDMONT FIELD STATION PILOT 1 EME POWHATAN 5 SW PULASKI OUANTICO 1 S RADFORD CLAYTOR DAM RANDOLPH RAPIDAN	6712 6723 6906 6955 6979 7004	03 04 06 02 06 01 06	LEE HENRY ORANGE MONTGOMERY AMELIA PULASKI PR. WILLIAM PULASKI CHARLOTTE ORANGE	17 11 9 11 13	36 45 36 47 38 13 37 04 37 29 37 02 38 30 37 05 36 54 38 18	78 07 80 21 77 58 80 47 77 19	500 2178 260 1850 12 1855 329	12 17 15 4	18	12			1 2 3 1 2 34C 1 2 3 1 2 3 1 2 3 C 1 2 3 C 2 C
COLONIAL BEACH COLUMBIA COMCORD COMCORD COMPER COPPER MILL CORDIN COVINGTON	1929 1955 1986 1999 2008 2041 2044 2064	01 WESTMORELAND 02 GOOCHLAND 03 CAMPBELL 05 ROCKINGHAM 06 FLOYD 05 ALLEGHANY 05 ALLEGHANY 05 AUGUSTA 04 CULPEPER	13 38 15 9 37 46 15 37 17 16 38 38 11 37 05 14 38 12 9 37 48 9 38 05 14 38 25	78 09 78 58 78 51 80 08 77 22 80 00 80 00	2720 220 1245	2	6 2 3 6 7 4			1 2 3 C 2 C 2 C 1 2 3 C 1 2 3		RICHMOND WB AP RIVERTON ROANOKE PROANOKE WB AIRPORT ROCKFISH ROCKY KNOB ROCKY MOUNT ST PAUL SALTVILLE 1 N SMITHFIELD 3 NE	7254 7275 7285 7312 7330 7338 7492	04 05 05 03 06 03	HENRICO WARREN ROANOKE ROANOKE MELSON FLOYD FRANKLIN WISE SMYTH ISLE OF WIGHT	16 15 15 9 11 15	37 30 38 56 37 16 37 19 37 48 36 51 37 00 36 54 36 53 37 01	78 12 79 56 79 58 78 45 80 22 79 54	550 907 1149 445 3075 1232 1500	57 30 23 71	27				1 2 3 C 1 2 3 1 2 3 C 1 2 3 C 1 2 3 1 2 3 1 2 3 1 2 3
DALE ENTERPRISE DAMNSCUS SHIRTORE ST DANNERS SHIRTORE ST DANNERS SHIRTORE ST DEERFELD 1 S DELAPLANE 1 NW DIAMOND SPRINGS DRIVER 4 NE ELKWOOD 6 SE EMPORTA 1 NWM	2216 2245 2269 2315	05 ROCKINGHAM 06 WASHINGTON 03 PITTSYLANIA 06 BUCHANAN 09 AUGUSTA 04 FAUQUIER 01 PRINCESS ANNE 01 NANSEMOND 04 CULPPER 01 GREENSVILLE	16. 38 27 8 36 38 7 36 39 3 37 07 9 38 10 13 38 59 2 36 52 14 38 21 10 36 42	81 48 79 23 82 06 79 22 77 56 76 12	1950 410 1600 1720 555 25	82 84 31 47 74 31 56 56 22 24 24 34	8			1 2 3 1 2 3 2 C 2 C 1 2 3 1 2 3 C		SOMERSET SPEEDWELL SPRING CREEK 2 STAFFORDSVILLE 3 N STAR TANKERY STATE FARM STAUNTON D AND B INST STOUNY CREEK STUART 1 SSE STUARTS DEAFT	7971 7997 8022 8046 8054 8062 8129	06 06 04 02 05 01	ORANGE MYTHE TAZEWELL GILES FREDERICK GOOCHLAND AUGUSTA SUSSEX PATRICK AUGUSTA	11 16 9	38 14 36 49 37 01 37 16 39 05 37 38 38 09 36 57 36 38 38 00	78 26 77 48	2340 1825 950 180 1480 70	72 5	16 24 13 26 78 5 5				2 2 2 2 1 2 3 1 2 3 C 1 2 3
FAIRTAX FALLS CHURCH 2 SW FARWYLLE 2 N FARWYLLE 2 N FACOV 2 NE FORT LEE FREDERICCSHURG 2 S FREDERICCSHURG EMBY PL FREE UNION GALAX RADIO WHOB GALAX MATER PLANT	2941 3071 3127 3192 3197 3213 3267	04 FAIRFAX 04 FAIRFAX 02 PRINCE EDWARI 06 FLOYD 01 PRINCE GEORGI 01 SPOTSYLVANIA 03 ALBEMARLE 06 CARROLL 06 GRAYSON		77 12 78 23 80 18 77 20 77 27 77 27 77 28 78 34	320 450 2600 60 50 20 584 2385	16 16 16 16 16 16 16 16 16 16 16 16 16 1	6 5 2 5 3		MAR	2 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 C 2 1 2 3		SUFFOLK LAKE KILBY SUMNYBANK TANGIER ISLAND THE PLAINS 1 E TIMBERVILLE TROUT DALE TYE RIVER 1 SE URBANNA VIENNA DUNN LORING WAKEFIELD	8323 8396 8448 8547 8600 8642 8737	01 04 05 06 03 01	NANSEMOND N HUMBERLAND ACCOMAC FAUQUIER ROCKINGHAM GRAYSON NELSON HIDDLESEX FAIRFAX SUSSEX	13 16 11 9 14	36 44 37 53 37 50 38 52 38 39 36 42 37 38 37 39 38 54 36 58	76 00 77 45 78 46 81 26 78 56 76 34	600 1100 3104 710 25	12 22 2 28	12 19 33 29 26 28				1 2 3 1 2 3 1 2 3 1 2 3 2 C 1 2 3 1 2 3
GLEN LYN GORDON-SVYLLE 3 S GOSHEN GROSECLOSE GROVETON GRUNDY 3 NW HALIFAX 1 N HALIFAX 2 SSE HAYSI HERNDON	3466 3470 3623 3635 3640 3690 3695 3863	06 GILES 02 LOUISA 05 ROCKBRIDGE 06 SMYTH 04 FAIRFAX 06 BUCHANAN 03 HALIFAX 03 HALIFAX 04 HALIFAX 05 HALIFAX 06 DICKENSON 04 FAIRFAX	11 37 22 17 38 00 9 37 59 8 36 52 13 38 46 3 37 16 7 36 44 3 37 12 13 38 58	78 10 79 30 81 20 77 06 82 07 78 55 78 55	1350 2590 245 1100 359	32 5 2: 10 1:	5		INAC	1 2 3 2 2 C 1 2 3 1 2 3		WALKERTON LK DRUMMOND WARRENTON 3 SE WARSAW 2 N WASHINGTON WASHINGTON WASH DC-DULLES WB AP WASH DC-STERLING WB WASHINGTON WB MAT AP WAVERLY HILLS W	8837 8888 8894 8902 8903 8905 8906	04 04 04	KING + DUEEM NORFOLK FAUGUIER RICHMOND RAPPAHANNOCK LOUDOUN LOUDOUN ARLINGTON NEW KENT	14 14 19 13 13	37 44 36 37 38 41 37 59 38 43 38 57 38 59 38 51 38 53 37 31	77 46 76 46 78 10 77 27 77 26 77 02	25 500 140 635 323 280 14	14 14 10 3 3 24	38 14 14 19 3 3 24				1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 C 1 2 3 1 2 3
HILLSVILLE 1 S HOG ISL LTL MACHIPONGO HOLCOMBS ROCK HOLLAND 1 E HOMAKE HOPEWELL HOT SPRINGS HUDOLESTON 2 SW HURLEY HURLEY HURLEY 1 SE	4180	06 CARROLL 01 NORTHAMPTON 03 BEDFORD 01 NANSEMOND 02 RUSSELL 01 PRINCE GEORGE 05 BATH 03 BEDFORD 06 BUCHANAN 06 BUCHANAN	11 36 44 2 37 22 9 37 36 4 36 6 6 37 0 9 37 16 9 38 0 15 37 0 3 57 25 3 37 26	75 41 79 16 76 47 81 59 8 77 18 0 79 50	600 80 1930 40 2197	72 7	5 2 15 7 3	ост	1	2 1 2 3 2 1 2 34 C 1 2 3 1 2 3 C 2 C		WHITE GATE WILLIAMSRURG 2 N WINCHESTER 1 N WINCHESTER 1 N WISE 1 SE WOODSTOCK WOOLWINE 4 S WYTMEVILLE 1 S	9160 9186 9215 9263 9272	05 04 06 04	GILES YORK HIGHLAND FREDERICK WISE SHENANDOAH PATRICK WYTHE	9 13 6 16	37 12 37 18 38 16 39 12 36 58 38 52 36 43 36 56	76 42 79 33 78 10 82 34 78 30 80 1	1950 760 2500 850	14 59 10 66	19 3 58 10 72			FEB	C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C
INDEPENDENCE 2 INDIAN VALLEY JOHN H KERR DAM JORDAH MINES KERAS CREKK 1 WSW LAFAYETTE 1 NE LANGLEY AIR FORCE BASE LAMBENCEVILLE LEXINGTON LINCOLN	4246 4414 4452 4565 4676 4720 4768 4876	05 ROCKBRIDGE	11 36 31 11 36 51 15 36 36 9 37 4 9 37 51 15 37 01 10 36 40 9 37 4 13 39 0	80 34 5 78 17 1 80 05 1 79 32 80 13	2700 323 1350 1325	79 12 19 1 86 9	6 13 3 4 8 9			2 C 1 2 34C C 2 C 1 2 3 1 2 3 1 2 3 1 2 3															

CESTINGTON 4816 US MOSCRITORE V 13 4 1 17 25 1086 088 72 1 2 3 1 2

	CHANGES IN STATION NAME	
NEW NAME	FORMER NAME	DATE - 1964
BOHANNON 1 NE	BOHANNON 2 SW Williamsville 5 n	JANUARY 21 FEBRUARY 1
	RELOCATION AND CHANGES OF EQUIPMENT	
ALEXANDRIA CITY GARAGE BOHANNON 1 NE BRISTOL MC DOWELL NEWPORT 2 NW	ECUIPMENT MOVED 35 FEET ME ECUIPMENT MOVED 3 MILES ME ECUIPMENT MOVED 75 FEET ME ECUIPMENT MOVED 75 FEET ME ECUIPMENT MOVED 5.5 MILES ME STANDARD RAIN GAGE MOVED 15 FEET SE	AUGUST 12 JAMLARY 21 AUGUST 5 FEBRUARY 1 JANLARY 25
STONY CREEK WALKERTON	EQUIPMENT MOVED 0.5 MILE ENE EQUIPMENT MOVED 200 YARDS NN	JANUARY 22 JUNE 8

#### REFERENCE NOTES

Additional information regarding the climate of Virginia may be obtained by writing to the Weather Bureau State Climatologist at Weather Bureau Airport Station, Byrd Field, Sandston, Virginia 23150, or to any Weather Bureau Office near you.

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 in Evaporation and Wind table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

NORMALS for all stations are climatological normals based on the period 1931-1980. "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 shelte 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.
- G Soil temperatures published.

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.

USCOMM-WB-Asheville, N. C. -5/5/65-925

