NUMBER 13

# CLIMATOLOGICAL DATA ANNUAL SUMMARY



**VIRGINIA** 

1979

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801."

DIRECTOR NATIONAL CLIMATIC CENTER

Table I	Jan	uary	Fet	bruary	M	arch		pril	M	fay	Ju	ne	Ju	ıty	Aug	ust	Septe	mber	Octo	ber	Nove	mber	Decem	her 1	Ann	mal
Station			1 2	T	-		ş				Ę	T .		<u> </u>	a.		e e		2		e e		g T			1021
	Temperatur	Departur	Тетрега	Departure	Temperature	Departure	Temperat	Departure	Temperature	Departure	Temperati	Departure	Temperat	Departure	Temperat	Departure	Temperati	Departure	Temperatu	Departure	Temperat	Departure	Temperan	Departure	Temperatur	Departure
IDEWATER 01		-				<u> </u>																				
GHANNON 1 NE OLONIAL BEACH IAMOND SPRINGS	42.1M 38.8M M 39.4	- 1.9	33.8 29.3M 33.0 27.8			٠.,	56.8M 56.5 58.9 56.8M		65.3H 67.8 65.9 66.1	- 1.5	72.1H 72.3 70.7 70.0	- 4.3 - 3.0	77.1 77.9H 76.9 75.1			.3	74.4 73.1M 72.7 69.3	.2	62.7M 53.7M 60.8M 56.1M	- 2.0	57.8 - M 55.6 51.6		46.8M 43.5M 44.6 40.8		59.7M - 58.7M 56.3M	- 1
OLLAND 1 E OPEWELL ILMARNOCK 1 N	38.8 39.2 38.7	9 - 1.3 - 1.3	31.9× 31.9 29.1		49.8 52.5M 48.7 49.9	1.5	58.9 60.2 55.8 57.0	- •1	66.0 68.3 65.8 67.2 66.5	9 3	69.6	- 4.6 - 3.8 - 3.7	75.7 77.2 74.5 77.8 75.7	- 1.9 - 1.9	77.1 78.3 75.7 78.6 77.4	1.1	71.1 71.6 69.1	3	58.8	- 1.7 8 - 2.8	53.8 55.0 51.7 54.7 53.8	3.1 3.5	42.8 44.8 41.5 42.5	1 - 6 3 - 2	57.9H 59.3H - 58.5	
EWPORT NEWS PRESS BLD ORFOLK WSO AP YSTER	36.9 40.2 39.4 39.6 38.5	- 1.1 6		- 8.1 -10.0	- 51.6 49.1 48.8M 48.1	1.0	58.8 58.1 56.6 55.3	9	67.5 66.7 65.7M	•0 • 1•0	71.4 70.4 69.2M 68.2	- 4.1 - 5.4	77.9 77.1 77.59 74.9	- 1.2 - 1.1	78.6 78.5 78.1H 76.3	1.6		1.0	61.6 60.4 61.5H 58.4	- 1.3 - 1.3			44.2 44.9 45.1H 43.3		59.5 58.9 58.4M 56.9	ļ
UFFOLK LAKE KILBY ANGIER ISLAND ALKERTON 2 NW	38.2 39.1 34.1 36.0 36.0	- 1.5 2	28.9H 32.9 27.2 27.7 28.9	-11.8 - 8.4	.49.6M 50.6 47.5M 49.9 44.7		59.9H 58.4 55.7 57.1 53.3	5	67.1M 66.7 M 66.9 63.1	.5	70.1 70.6 69.7 68.6	- 4.2 - 2.8	76.3 78.0 75.7 76.8	- 1.8	77.9 78.7H 76.3 77.5	.4	70.1H 71.5 72.9 69.5 72.3	2		- 1.9 7	53.8 51.8 53.0		42.5 43.7 41.1 43.1		58.2 56.6 56.4	- 1
AVERLY EST POINT 2 SW ILLIAMSBURG 2 N	37.0 37.3M 37.7 38.6	~ .7	28.4 30.1 30.2 31.0	- 9.8	50.3 49.1M 50.9 50.8		56.0 59.3M 57.4 57.7M	6	66.9 66.9 67.0	.3	İ	~ 4.1 - 4.0	75.3 75.7H 74.8 75.7	- 1.8	76.3 76.7M 75.2M 76.6	.5		•1	58.0 58.4 57.6 59.1M	- 1.2			42.5 41.5M 42.3 43.2		57.0 57.4H 57.0N 57.9H	
STERN PIEDMONT DZ	32.8		25.9		47.9H		56.2M		63.5	_ ••	67.1	- 4,0	72.9		73.4		67.4	•••	57.94	- 2.0	52.9	,	41.4	2.5	54.9M	
SHLAND AMP PICKETT HASE CITY DLUMBIA	34.5 35.7 39.7 33.4	- 2.4	27.1 27.8 34.4 26.1	-11.3	49.7 48.0 51.2	2.5	56.6 56.9 59.0M 55.7M	5	65.4 63.9 67.2 63.9	- 1.4	69.7 68.3 72.0M 68.9	- 4.5	74.8 74.2 76.2 74.2	- 2.6	75.4 74.9 77.5H 74.6	8	69.3 69.1 71.2 67.5	- 1.0	56.6 55.8 6D.5M 54.9	- 3.0	51.7 51.0H 55.4H 50.0	3.0	41.0 39.9 M 38.4	1.2	56.0 55.5M 54.6M	- 1
ROZIER ARHVILLE Z N OHN M KERR DAM AWRENCEVILLE 5 W	34.1 35.9 36.7 37.9	- 2.1	26.8 30.0 30.2 31.2	- 9.7	47.8 51.2 47.9 50.7		56.6 58.3 57.9 58.4		63.5 65.2 64.6 65.9	6	68.0 70.1 69.0 69.1	- 3.1	74.6 74.6 74.9 74.3	- 2.2	75.1 75.1 76.7 76.5	2	67.9 68.2 69.0 70.2	5	55.4 57.4 57.2 58.9	- 1.0	51.2 51.6 51.7 52.9	3.7	39.9 41.4 42.0 43.0		55.1 56.6 56.5 57.4	-
CHMOND WSO AP	33.6M 36.4 35.4	- 2.5 - 1.1 - 1.8	28.6	-10.4 -10.8 -10.5		4.2	56.0 58.4 57.1	• 6	63.9 67.1 64.9	- 1.4		- 3.8 - 3.4 - 4.1	74.1 76.9 74.7	- 2.1 - 1.0 - 2.2		1.5	71.0	1.0	56.7 58.3 57.2	- 1.0 - 1.2	53.3	4.3 4.3 4.1	41.0 42.3 41.0	3 - 3	55.3M 57.7 56.2	-
EDFORD ROOKNEAL HARLOTTE COURT HOUSE	31.6M 34.1 33.7 31.6 33.0	- 3.8 - 3.0	28.7	- 7.8	47.3M 50.8M 47.7 45.9 49.3	4.0	55.8 56.9 56.8 54.0	4	62.7 64.1H 63.9 61.4	- 1.6 - 1.3	68.6 68.8 69.1 66.9H	- 3.9	73.4 72.9 74.8 71.8	- 2.9	75.7	z	67.1 66.9 68.5 65.3	- 1.2	54.3 55.44 55.5 53.3 55.5	- 3.0	50+1 48+6M		39.0 41.2 39.9 37.4 40.8	ļ	54.3M 55.6M 55.4 52.9M	1
HATHAM ANVILLE-BRIDGE ST YNCHBURG WSO AP ARTINSVILLE FILT PL	32.6M 35.4	- 4.6 - 3.9 - 4.7 - 3.6	28.6 32.3 27.9	-10.6	46.1 49.7 49.3	3 1.4 3.8	54.6 58.7H 56.3 55.1 54.9	- 2.6 5	61.1 65.8 63.9 62.7 62.3	- 4.8 - 1.9 - 1.3 - 2.7	66.6H 70.7	- 6.5 - 4.2	71.9 76.6 74.3	- 4.6 - 1.3	72.4	- 2.7 .7	65.4 69.4M	- 3.4	53.0 57.7 55.2	- 5.6 - 2.2 - 2.8 - 2.5	48.1M 52.1 50.1	.4 3.1 3.1	38.3 40.8 40.7 38.2H 39.9	3	53.2M 57.2M 55.1	[
INEY RIVER 2 SE DCKY MOUNT TUART 1 SSE	34.7 32.7 32.9 34.1		29.7F 29.8 31.8 28.3		49.1M 46.3 50.2 48.0		56.6H 55.0H 55.7 57.0		63.9 62.2 64.0 63.2		68.9M 68.6M 67.3 69.0		73.9M 73.6 72.3 74.4		74.2 74.5 74.2 74.7		67.1 65.7 65.0 67.2		54.8M 54.2 55.0 56.3		50.6M 49.2M 50.4 51.5		40.2 39.6 40.2 40.2		55.3M 54.3M 54.9 55.3	
DIVISION  * * *  PRIHERN 04	33.2	- 4.0	29.4	- 9.3	48.1	2.1	56.0	- 1.0	63.3	- 2.2	68.5	- 4.1	73.6	- 2.4	74.5	2	66.9	- 1.4	55.0	- 3.3	50.0	2.4	39.7	1.4	54.9	- 1
G MEADONS JLPEPER JKWOOD 6 SE	28.1 24.0 33.0 32.8 31.4	- 2.3	26.0	-10.9	44.4 38.5 49.2 47.9M 48.4M	3.8 3.5	54.2H	- 1.1	62.4 54.6 65.7 63.8M 63.9	- 5	68.7H	- 3.5 - 2.0 - 3.0 - 2.9	75.4 74.1H	- 1.4	74.7 73.6M	4		- 3.0	53.1 46.7M 56.3 54.6M 56.5	- 1.3	50.7 49.5H	3.1 3.9 3.5	37.8 30.7M 40.0 38.6M 40.7	3 - 6 2 - 6	52.2 45.8M 54.0M 54.9M	- 1
NASSAS 3 NN DUNT WEATHER EDMONT RESEARCH STA	28.7M 31.3M 24.7 32.2 30.0		24.8M 27.5 19.3 25.5 22.1M	-11.3	44.6M 48.4M 42.1 46.1M 44.6		51.9 55.6M 48.4 55.3M 51.6	- 2.2 - 1.7	60.7 65.3M 59.9 63.6 62.3		66.1 70.4H 64.8 68.6 67.3		76.0	į	76.4		63.5 67.1 62.9 67.0 67.1H		51.2H 56.7 51.2 51.7 53.9	- 4.8 - 3.1	Н.		36.7M 40.1 35.4 39.0 38.2		51.5M 49.5 54.3M 52.7M	- 1
ISHINGTON 3 SSW ISH DULLES WSO AP ISH NATL WSCMO AP INCHESTER 3 ESE	30.5M 31.2 35.1 29.3	- 4.4	23.5	- 8.9	51.5	6 · 4 4 · 5	53.2M 52.2 56.0 52.4M	9 4 - 2.4	61.8M	.7 1.5 - 2.4	67.3M 66.6M 68.2 72.4 66.3	- 2.9 - 2.2 - 5.6	71.0	- 1.1 1 - 4.6		1-4	66.7H 65.3 66.9 71.6 64.0	1.0	53.8M 51.9M 54.6 58.6 52.5	- 1.2 - 4.6	46.94	6.4	39.4  40.1 43.7 37.3	6.3	53.3m 53.7 58.0 52.1m	- 2
	30.9	- 3.5 - 3.4		-10.8			53.7M 52.7	- 1.0			67.8		73.5 73.1	- 1.2		5	65.5		53.9	- 1.2			38.9 38.4		53.9H 53.1	١,
JCHANAN DVINGTON FILT PLANT ALE ENTERPRISE DT SPRINGS	32.8 31.7 30.1 27.1 33.0	- 3.1 - 4.5	29.6 30.0 24.7 25.2 29.2	-10.2	48.0H	3.4	54.6M 52.5 51.0	8	64.4 63.4 61.5 59.9	7	69.2 66.8 66.9 64.6 69.3		73.4 72.1 71.9 69.5 73.5	- 1.4	72.6 72.3 70.5	. 4	66.7 66.9 64.4 62.7 66.9	- 1.2	55.5 55.1 53.4 50.7 55.1	- 2.5 - 2.1 - 2.3 - 1.9	49.3M 47.3 45.9	2.9 3.7	39.9 40.0 37.7 35.3 39.7	3.0 2.5	55.1 54.2M 52.4 50.5 54.9M	1
INTEREY IANOKE WSO AP 'AUNTON SEWAGE PLANT MBERVILLE 3 E	25.6M 31.4 30.2M 30.7	- 3.0 - 5.0 - 3.8 - 2.6	23.9 29.4 23.4 24.0	- 5.9 - 8.7 -11.7 -10.9	41.4M 48.6 44.0 46.7M	4.2 3.3 1.4 4.1	48.8 55.7 52.6 53.1H	2 - 1.1 3	57.7 63.8 60.6 53.2H	6 - 2.2	62.8 69.3 65.8 68.6	- 1.5 - 2.4 - 4.4 - 1.5	67.5 73.5 71.3 73.0	1 - 1.7 - 2.5 8	67.8 74.0 71.8 73.4	1.3	61.3 66.3 63.7M 66.0	- 1.7 - 2.2	49.7 54.6 51.4 54.9	- 1.7 - 3.2 - 4.5 5	44.2 49.6 46.5 48.7	4.2 2.9 1.3 4.2	35.2 40.9 36.5 38.6	5.1 3.5 1.1 4.0	48.8M 54.8 51.5M 53.4M	- 1
OIVISION  * * *  DUTHWESTERN  CONTAIN G6		- 4+0	26.6	- 9.2	46.1			9	62+1	8		- 3.0		- 1.7		.2	65.0	- <b>.</b> 7	53.4	- 2.3		3.1	38•2	2.8	52.8	1
LACKSBURG 3 SE	30.8 26.9 26.7	- 4.8	32.4 27.3 26.9	- 6.1	49.8M 44.2 43.1M	i 1	55.7 51.5 49.9M	1	62.8 58.9 56.6M	- 1.1	64.1M 64.1M	- 2.9	69.9 68.3 65.2M	- 2.2	71.5 69.5 65.1	- 1.3	65.4 62.5 59.0H	- 1.7	52.1M 50.9 48.7M	- 2.4	48.2 45.4 43.4	2.8	38.4 34.8 35.3		53.6H 50.4H 48.4H	

Table I	Γ		T	RA	 	_ 441	<u> </u>	<del></del>	1				r				- 1/	J 1/1				]				VIRGIN 19
	Jai	nuary	Fel	bruary	M.	orch		pril	М	ay	Ju	ne	Ju 	ly	Aug	ust	Septe	mber	Octo	ber	Nove	mber	Decem	ber	Anr	nual
Station	Temperatur	Departure	Temperatur	Departure	Temperatur	Departure	Temperatur	Departure	Temperatur	Departure	Temperatur	Departure	Temperatur	Departure	Temperatun	Departure	Тетретави	Departure	Temperatur	Departure	Temperatur	Departure	Temperatur	Departure	Temperature	Departure
SALAX PADIO WBOB SRUNDY HAPION EVAP STATION	29.3 29.3 28.3 28.3	- 4.5	28.3 30.1 30.0 29.5 22.9	- 7.1	45.6H 46.2 45.3 47.2 38.9	3.4	51.9 52.9 53.48 54.4 45.9	- 1.2	59.1 60.5 H 61.6 54.4	- 2.1	64.1 65.9 68.DM 65.8 59.4	- 3.8	68.4 69.4 72.7 70.4 63.3	- 2.1	68.7M 70.3 74.4 71.4 64.4	- 1.3	62.2 64.3 68.1 66.2 56.9	- 1.7	51.1 52.47 54.6 53.4 46.9	- 3.2	45.6 46.7 48.3 47.4 40.1M	1.9	37.2 37.9 37.7 37.4 34.3H	1.1	51.0M 52.2M - 52.8 45.8M	1.7
PENNINGTON GAP PULASKI 2 E STAFFORDSVILLE 3 ENE HISE 1 SE	30.3M 30.8 28.3 28.1	- 4.1	33.0 30.7 28.9 30.9 29.8	~ 3.5	48.3H 47.2 46.8 46.9	4.4	55.2 53.5 53.8 53.4 53.6	.1	62.4 60.5 61.4 60.3	6	69.3 65.9 65.8 66.3 66.0	7	72.0 69.3 69.9 68.9	- 1.0		.1	67.9 64.6 65.1 64.2 65.3	1.5	55.1 53.6 52.4 53.2 53.4	9	48.8H 47.2 45.8 46.6H	4.6	38.5 38.3 37.5 38.9	2.	54.4H 52.7 52.2 52.3H	
	29.6	- 5.6	-	- 6.3		2.9	52.7	9		- 2.0		- 3.5		- 2.1		8	64.0	5	52.1	- 2.8	1	2.4		1.		- 1.5
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TABLE 2						- 10	//AL	IKL	Cirii	AIIC	<i>/</i>	(140)	JLF M	KION		KON	/ INC	JK/V/	~L						IRGINIA 979	
	JANU	ARY	FEBRU	IARY	MAI	ксн	APE	SIL	M.	ΑÀ	Jul	<b>₹</b> E	JU	LY	AUG	BUST	SEPTE	MBER	осто	DBER	NOVE	MBER	DECEA	ABER	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 U1		ĺ																								
BACK BAY WE REF BOHANNON 1 NE COLONIAL BEACH DIAMOND SPRIMES DRIVER 4 NE	6.15 6.46 E 7.49 6.99 6.51	3.62 3.18	E 4.37 E 5.23 E 4.85 4.56 E 5.06	1.18 1.50		2.20	3.75 - 2.62 7.54 5.95	4.70 3.08	6.91 4.92 9.38 7.83	5.92 4.08	3.75 4.96 3.97 3.05	•06 • 89	4.20 3.25 6.20 3.69	.39 - 1.74	4 • 27 6 • 30 2 • 08 4 • 62	- 4.21 73	7.83 - E 6.41 12.47 9.30		2.34 - 5.11 1.96 2.15	- 1.38 - 1.00	4.14 3.17 4.52 5.97	1.48 2.95	1.57 1.61 1.14 .80	· 2.15 · 2.49	E 52.66 E 54.70 66.70 E 59.58	19.71 14.34
EMPORIA 1 WHW FREDERICKSBURG NATL PK HOLLAND 1 E HOPEWELL KILMARNOCK 1 N	5.60 6.81 7.34 6.78	2.74 4.02 3.88 3.93	4.20 6.11 4.20 5.63 5.54	3.58 .63 2.55	2.78 3.33 5.49 3.11 3.71	2.02 2.02	4.57 3.93 5.60 3.89 2.87	1.69 1.12 2.65 .90	5.06 2.81 10.01 4.77 4.89	1.32 64 6.5D 1.08	3.06 3.15 4.30 2.33 3.01	.86 .01 .21 .1.62	3.67 4.91 5.84 6.21 6.43	- 2.38 .51 06 .95	1.49 2.68 2.28 4.86 4.78	- 3.05 - 2.11 - 3.97 .32	8.79	5.96 6.08 4.65 7.54	1.92 5.73 2.36 3.28 2.26	47 2.68 94 .37	6.31 2.74 5.21 6.30 6.11	3.60 18 2.89 3.37	1.22 1.23 1.27 1.75 1.82	2.00 1.95 1.98 1.34	49.54 52.75 62.69 60.09	6.96 12.90 15.26 17.97
LANGLEY AFB MATHEWS 2 ENE MOLLUSK 1 SW NEWPORT NEWS PRESS BLD NORFOUK WSO AP	7.04 6.35 6.47	3.03	4.77 - 4.92 5.01	1.70	4.62 - 4.14 5.13		5.81 4.34 - 5.13 7.00	3.16	8.64 7.71 9.03 10.12	6.78	3.84 4.40 5.36 2.97	.25	3.53 3.95 3.47 4.69	- 1.43	5.56 6.09 - 3.78 1.79	- 4.13	15.51 12.04 13.61 13.80	9.60	2.60 2.27 1.76 1.74	30	6.51 5.96 5.39 5.26		.45 1.07 .80		63.76 64.96	25.68
DYSTER PAINTER 2 M STONY CREEK 5 SSW SUFFOLK LAKE KILBY TANGIER ISLAND	6.41 6.33 5.27 7.00 5.38	3.38	E 4.33 4.65 5.21 E 4.35	.98	4.04 4.73 5.34 4.34	, 32	5.29 2.97 4.35 6.37 2.98	2.58	5.66 5.97 5.95 7.92	2.64	4.03 4.64 - 3.50 6.69	-69	.91 9.99 - 3.97 5.09	- 3.39	3.46 3.29 5.59 5.19	83	8.13 6.71 10.06 10.63 12.17	4.32	2.90- 2.35 - 1.71 E 2.19	04	5.65 5.77 5.54 E 5.80	2.59	2.50- 1.49 - 1.04 1.64	.71	53.31 58.69 - 63.62 64.10	12.53
MALKERTON 2 NM MALLACETON: LK DRUMMOND MALLOPS ISLAND WSSF MARSAM 2 NM MAYERLY	6.07 6.45 6.79 5.79 E 5.64	3.09 2.88 3.68	6.10 5.34 5.82 5.40 4.73	3.06 1.76 2.30	2.63 4.49 5.48 2.57 3.25	.68	3.09 7.04 3.08 3.09 4.98	.19 4.02 01	3.89 8.59 8.06 6.47 5.86	11 4.71 4.70	3.72 2.81 3.70 3.34 5.65	02 - 1.75 .24	5.82 6.53 6.07 6.23 4.29	.60 .78 2.17	7.13 3.37 4.15 8.80 3.96	~ 2.51 .44	11.30 7.05 6.79 12.28 11.93	7.72 2.84 3.56	3.87 3.44- 1.95- 2.97 2.27		5.62 5.50 5.11 5.12 9.12	2.50	2.09- 1.28- 1.65- 1.98 1.67	2.25	61.33 61.89 58.65 64.04	17.43 13.56 17.89
WEST POINT 2 SW WILLIAMSBURG 2 N	6.17 5.66	2.41	5 • 39 4 • 72	1.31	3.10 3.96	.31	3.3D 3.88	1.03	3.75 7.66	3.80	3.12 4.39	•25	6.11 7.20	1.94	5.11 3.26	- 1.53	14.19 10.96	7.33	2.40 1.57	- 1.25	6 • 8 4 7 • 9 6	5.07	1.72	1.77	61.20	18.90
DIVISION	6.44	3.36	5.04	1.92	4.01	. 47	4.36	1.54	6.75	3.34	4.04	.34	5.20	.16	4.50	45	10.84	7.16	2 - 6 5	32	5.61	2.67	1.47	1.68	60.91	18.53
EASTERN PIEDMONT 02  AMELIA 3 SE ASHLAND BREMO BLUFF BUCKINGHAM CAMP PICKETT	6.14 5.86 5.72 6.75 5.37	2.98	6.22 6.94 E 6.98 6.65	4.17	3.37 3.77 3.72 4.91 2.84	.05	3.81 3.93 3.79 3.74 3.46	.88	5.01 4.22 2.75 2.81 3.49	79	2.89 3.54 6.74 7.25	3.58	4.42 2.69 1.95 2.71 8.13	- 2.07	4.79 7.18 4.62 5.17 6.89	-32	11.42 10.54 7.46 8.52	4.07	8.80 4.49 5.05 4.13 7.22	2.30	4.09 4.09 3.22 2.76	. 43	1.55 1.50 .80-	2.49	62.51 58.75 52.60 56.32 63.50	13.43
CHASE CITY CLARKSVILLE COLUMBIA CORBIN TROZIER	6.76 5.78 6.13 6.19 5.86	2.59 3.53	E 5.98 4.86 6.45 5.99	1.98 3.79 3.54	3.30 4.09 2.55 3.63 3.13	86	3.05 3.06 3.58 3.02 4.10	16 .63	3.25 2.94 1.97 2.61 2.98	46 - 1.50 75	2.70 5.46	1.58 3.97	3.97 3.02	- 1.31 - 1.51 - 2.51	2.50 1.78 5.88 4.36 3.69		11.80	6.54 3.65	3.00 3.75 5.74 7.76 10.08	1.13 2.82 6.83	6.00	2.16 1.34	1.25 1.13 .81 1.51 1.26	2.29	\$3.56 51.50 53.58 54.68 54.91	9.56 15.31
:UMBERLAND FARNVILLE 2 N SORDONSVILLE 3 S JOHN H KERR DAM KEYSVILLE 8 N	6.40 5.74 5.21	3.24	6.74 5.11 4.37	3.42	2.98 3.69 3.27		3.38 3.62 3.28	.25	2.35 5.17 3.56	- 1.38	4.16 8.27 2.60	.38	1.86 2.32 1.86	- 2.89	7.67 6.36 8.44 1.58		7.48 7.86 8.69 10.05 Ell.49	4.28	6.42 4.63 7.53 4.83 3.13	1.73	3.71 4.02 3.86 5.07 5.85	. 92	.85 1.36 .89 1.28	2.03	52.12 63.33 46.96	9.37
LAWRENCEVILLE 5 W LOUISA PALMYRA 1 E PETERSBURG POWMATAN 1 E	5.44 5.55 6.03	2.55	7.59 5.13 5.23	2.18	2.41 3.76 3.83		4.17 3.34 3.37	. 25	3.95 3.43 2.37	•17	3.53 E 4.08 5.30	•76	2.06 .90 2.01 -	- 3.76	4.18 5.01 3.77 5.25 4.52	•22	12.55 7.74 8.38 15.21 8.33	4.63	3.50 5.49 5.89 4.75 6.43	2.55	5.81 3.23 3.57 6.79 3.83	.13	1.42 .83 .60 1.56	2.67	56.61 48.49 50.35	6.87
RICHHOND WSO AP F WINTERPOCK 4 W	6.16	3.30	5.97	2.96	2.59	79	3.97	1.20	3.80 -	- 38	2.42	- 1.10	4.36	- 1.27	7.08 6.76	2.02	9.76 13.98	6.16	3.87 9.52	. 93	5.50 4.60		1.64	1.58	57.12	14.53
DIVISION	5.92	2.97	6.05	3.02	3.13	46	3.59	.ss	3.39	06	3.72	-21	3.36	- 1.36	4.96	-58	9.57	6.04	5.78	2.92	4.44	1.43	1.33	1.93	55.24	13.69
* * * WESTERN PIEDMONT D3 ALTAVISTA	6.55		5.63		3.38		9.25		3.24		2.87		3,66		1.65		8.36		3.72		3.08		. 90		47.29	
APPONATION 3 W BEDFORD BROOKNEAL CHARLOTTE COURT HOUSE	5.26 7.06 6.58		6.00 5.33 6.49 7.14	2.96 2.13	E 9.44	.94	3.58 4.61 3.46 3.37	.26 1.38	2.73 2.11 3.55 2.43	83 - 1.86	5.48 3.18 3.74	3.64 1.47	3.33 7.82 4.38 1.64	- 1.00 3.52	5.25	- 2.63	6.66	2.69 5.63	4.10 4.85 4.13 5.59	1.27	3.26 4.01 3.82 4.07	.37 1.19		1.96		
CHARLOTTESVILLE 2 W CHATHAM CONCORD 5 S DANVILLE-BRIDGE ST FREE UNION	6.97 7.55 6.90 6.75 5.41	4.42 3.55			4.06	.32 59	3.69 3.59 3.14 5.04 4.08	.41 .24 1.70	3.72 2.32 3.49 4.62		9.16 6.20 3.67 3.20 5.24		3.31 3.98	- 3.86 - 1.15 - 2.42	4.43 2.13 3.74 3.98 5.79	~ 2.16	11.81 10.81 8.90 9.00 11.28	7.62 6.59 5.03	4.70 4.07 4.20 4.75 5.81	1.26	2.91 3.78 3.08 4.13 3.56	.79 1.24		2.61	61.29 55.90 51.94 52.41 59.05	9.79
HOLCOMBS ROCK HUDDLESTON 2 SW LYNCHBURG MSO AP MARTINSVILLE FILT PL MEADOWS OF DAN 5 SW	6.02 6.85 6.65 7.38 8.54	3.88 4.26		2.20 2.81	4.13 4.53 3.78 4.34 7.50	.32	3.91 4.45 3.26 4.18 5.45	.53 .72	2.96 2.28 3.10 3.99 4.58	12 .10	9.13 3.00 5.28 5.03 4.62	1.85	E 5.64 3.39 4.50 3.13 5.76	.45 - 1.60		63 - 1.97	11.70 11.89 9.22 11.18 17.85	5.92 7.07	4.87 5.15 3.77 3.28 4.26	1.17 .20	4.26 3.78 3.18 4.07 6.02	. 52	1.23		54.27 54.27 52.28 55.67 73.69	
MONTEBELLO 2 NE PEOLAR DAM PHILPOTT DAM 2 PINEY RIVER 2 SE RANDOLPH 5 NNE	7.81 8.01 7.33 7.41 E 6.57	5.05	5.97 5.04 5.86 5.49 E 6.43	2.43 1.76	6.07 5.04 5.10 4.89 2.73		4.98 4.57 4.62 3.35 3.49	- 1	3.14 4.36 2.89 3.49 3.90	.11	4.76 10.08 4.16	2.32	2.91	- 1.51 .95	4.85 4.04 3.81 5.89 4.23	39	15.37 11.32 13.42 14.48 11.12	10.85	5.77 4.91 5.49 5.04 5.78	1.95	5.72 5.12 3.81 3.92 4.39		1.78- 1.18- .45 1.01 1.54-		72.08 67.42 60.45 67.45 59.21	22.77
ROCKFISH ROCKY MOUNT STUART 1 SSE TYE RIVER 1 SE WOOLWINE 4 S	7.25 6.50 7.62 6.52 7.19	3.67	5.61 E 4.80		4.77 3.95 4.82 5.29 3.92	.21	3.51- 4.37 6.91 3.24 6.31		2.59 2.45 3.81 5.84 3.38	- 1.47 - 1.45 2.22	11.02 4.32 4.33 8.74 5.96	6.67 .55 5.25		- 2.98 - 2.55 - 2.98	4.64 1.63 1.16 6.80 2.48	- 2.45 2.86	15.41 10.18 14.72 9.58 21.22	10.88 5.55 6.02	7.72 5.23 3.06 6.46 5.26	4.29 2.05 3.47	3.43 3.34 4.32 3.24 6.36	.24 .62 .37	.99- .87- .70 1.03-	2.30		22.36 7.63 22.49
DIVISION	6.74	3.76	5.78	2.65	4.09	-26	4.09	.76	3.45	35	5.74	1.97	3.19	- 1.39	3.72	60	11.11	7.04	4.61	1.55	3.70	-81	1.03	2.29	57.25	14.17
* * * NORTHERN 04			,		7		2.65		3.61		5.03		E 4.05		. ,.		,								. 60 00	
AMISSYILLE BERRYVILLE BIG MEADOWS CULPEPER ELKWOOD 6 SE	6.30 5.62 E 8.00 5.90 6.62	3.23 4.87 3.19 3.98	4.82 5.53 5.30	2.95	3.90 3.05	40 .11 .34 40	2.18 5.16 3.38 3.52	1.53 .16 .56	4.43 3.77 3.21 2.55	56 67 - 1.33	4.09 5.48 7.55 5.20		3.92 3.59 2.64 2.37	- 2.09 - 1.97	5.98 6.80	2.06 2.54 1.77 2.54	17.09 E 8.54 E 8.24	12.13 4.96 4.87	3.17 6.82 6.77 6.77 9.81	3.93 2.01 3.94 6.93	5.28 3.64 2.75	27	.87 .60	1.25 1.26 2.09 2.46	49.88 49.92 74.04 57.91 56.81	16.93
LINCOLN LURAY S E HANASSAS 3 NW MOUNT WEATHER PIEDMONT RESEARCH STA	7.83 5.91 5.45 6.97 6.25	3.16 4.77	E 4.32 E 6.11 4.50 4.67		2.42 E 2.96 3.68 3.77	.66	2.46 2.87 1.83 2.52 3.25	49	3.79 4.05 5.12 4.68 4.14	-66	4.83 3.98 5.28 5.21 6.83	1.18	1.67 3.36 1.92	- 1.62	7.34 5.92 4.00 11.46 6.81	7.27	9.84 10.17 7.63 8.23		7.37 6.59 4.74 7.84 7.34	4.48 3.36 4.53	2.69 2.10 2.91 4.24 3.95		1.12 -72 2.04 -70	1.60	55.81 51.66 48.96 64.13 57.86	13.04
RAPIDAN	6.82		9.46	ı	2.42	; I	3.54		3.59	,	5.84		1.69	•	7.11		7.90		8.37	ı	3.82	1	.75		56.46	

See Reference Notes Following Station Inde

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FEBRUARY  4.91 4.92 5.60 5.71 7.75 5.75 3.1 0.92 4.03 1.67 5.93 1.77 9.2 4.00 2.5 1.5 1.5 4.35 1.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3	3.50 7 2.45 9 2.66 1 2.19 7 3.97 1 3.51 9 4.28 7 3.62 3.17 2 5.55 7 3.79 3 3.67 3 3.79 4 3.56 3 3.51 3 3.67 3 3.56 3 3.57	2 2 2 2 3 3 3 4 4 4 3 3 2 2 2 2 3 3 4 4 4 3 3 2 3 3 4 4 4 3 3 3 3	.33 .88 .88 .12 .05 .9 .88 .40 .21 .74 .31 .74 .31 .74 .31 .75 .60 .90 .00 .05 .11 .04 .50 .02 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	4.78 4.89 3.55-7 5.78 3.55-7 4.01 4.02 4.02 4.02 4.05 3.85 4.05 3.85 4.05 3.85 4.05 3.85 4.05 3.85 4.05 3.85	.57 1.21 1.32 2.14 2.17 2.19 3.66 3.23	5.98 5.22 4.33 4.09 4.06 4.64 1.03 2.99 1.57 3.56 1.09 4.98 1.32 6.71 2.83 6.73 6.73 6.73 6.73 6.73 6.73 6.73 6.7	4.11 3.61 5.04 5.00 4.50 2.18 3.43 4.85 1.65 3.12 3.12 3.18 3.08 3.00 2.74	1 . 62 1 1 . 69 . 73 2 . 05 1 . 05 1 . 22 . 87 . 58 . 45 1 . 22	AUGUST  5.71 1.51 6.78 6.78 1.66 6.78 1.66 6.78 1.73 1.66 1.73 1.66 1.73 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75	7.88 7.83 0 7.58 6.64 5.50 4 5.59 0 8.21 8 8.80 E10.25 6.55 2 5.10 5.20	DEPARTURE	6.e7 6.64 8.65 5.545 7.25 7.19 4.74 5.17 4.65 5.55 5.52	4.19 E 5.91 2.49 4.74 4.13 1.35 1.45 1.45 2.99	3.06 2.87 2.91 3.11 2.89 2.65 2.33 2.88 3.56 3.56 3.56	.24 .41 .57 .133 .19	.94 1.05 1.03 - 1.82 - 1.88 - 1.88 - 1.56 - 1.22 - 1.35 - 1.46 1.46 1.46	2.39 5 5 5 2.59 4 4 4 1.72 5 2.22 5 5 2 1.24 5 4 4 5 4 1.72 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ANNUAL  31.08 3.08 3.08 3.08 3.08 3.08 3.08 3.02 3.72 9.02 3.72 9.02 3.72 9.02 10.04 10.09 4.82 13.6.00 17.0.94 16.7.13
4.94 4.92 4.92 4.92 5.57 3.10 5.57 3.10 5.57 3.52 1.75 3.52 1.75 3.62 9.90 4.90 2.5 3.37 3.75 3	2.93 3.21 3.21 3.31 3.14 4.3.50 4.2.66 1.2.19 3.3.11 3.51 3.51 3.67 3.62 4.2.6 3.7 3.62 3.62 3.62 3.62 3.62 3.62 3.62 3.62	2 2 2 2 3 3 3 4 4 4 3 3 2 2 2 2 3 3 4 4 4 3 3 2 3 3 4 4 4 3 3 3 3	.33 .88 .88 .12 .05 .9 .88 .40 .21 .74 .31 .74 .31 .74 .31 .75 .60 .90 .00 .05 .11 .04 .50 .02 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	3.68 4.96 2 3.47 4.78 3 3.55 7 3.55 3 3.55 4.01 4.02 4.92 5 3.02 7 4.79 8.03 4.23 4.50 3.68 3.20 2.36 4.38 4.38 4.38 4.38 4.38 4.38 4.38 4.38	.57 1.21 .13 2.14 .17 .19 .36 1.68 .80 1.53	5.98 5.92 4.33 4.69 4.69 4.06 4.64 1.03 5.28 1.57 3.55 .09 4.98 1.32 6.71 2.83 5.30 1.78 7.05 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.26 1.87 5.27 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 1.87 5.28 5.40 1.87 5.40 5	4.11 4.11 3.61 5.00 4.50 2.18 3.43 4.85 1.65 3.12 3.18 3.00 2.74 5.86 2.69 4.24 3.00 3.29 4.11	1 . 62 1 1 . 69 . 73 2 . 05 1 . 05 1 . 22 . 87 . 58 . 45	5.71 11.51 6.38 6.98 0.86 6.98 1.66 5.91 7.3,40 4.25 6.51 2.2 4.20 6.31 6.26 4.01 6.31	8.18 8.21 7.88 7.88 7.88 7.88 5.00 8.21 8.80 5.50 8.21 8.80 6.54 6.55 9.60 9.60 9.60 9.60 9.60 9.60 9.60 9.60	5.31 4.29 3.56 1.95 2.56 4.76 5.03 6.79 3.24	10.58 17.64 7.06 6.64 8.65 5.54 7.25 7.19 4.74 4.74 5.17 4.62 5.55 5.55 5.55 5.55 5.55	4.19 E 5.91 2.88 2.49 4.74 4.13 1.38 2.01 1.63 1.39	3.06 2.87 3.11 2.89 2.65 2.33 2.33 2.33 3.56 3.20 3.61 4.34 3.57 3.37 4.30 3.57	.24 .41 .57 .13 .19	.94 1.05 1.03 - 1.82 - 1.88 - 1.88 - 1.56 - 1.22 - 1.35 - 1.46 1.46 1.46	2.39 5 2.59 5 2.19 4 .66 4 .76 4 1.72 5	0.05 3.08 7.69 9.15 
.60 5.57 3.0 5.71 3.0 5.71 3.0 5.71 3.0 5.72 3.1 1.0 5.50 3.1 1.7 1.50 5.0 5.0 1.9 1.9 1.50 1.9 1.50 1.9 1.50 1.9 1.50 1.9 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	3 .21 3 .31 3 .31 3 .31 4 .35 7 .2.65 1 .2.19 3 .3.13 7 .3.97 1 .3.51 7 .3.97 1 .3.51 2 .3.67 3 .67 3 .67 6 .68 6 .78 6 .78	.02 2	.88	4.96/ 2.4.78 4.78 3.555 7.5.78 3.555 7.5.78 3.69 7.3.79 4.01 3.69 3.69 3.69 3.69 3.69 3.69 3.69 3.69	.57  1.21 .13 2.14 .17 .19 .36 .80 1.53 .51	5.22 4.69 4.06 4.64 1.03 2.99 1.99 1.90 4.98 1.32 4.98 1.32 6.71 2.63 5.30 1.75 5.97 5.97 5.61 5.97 5.61 5.97 5.61 5.97 5.61 5.97 5.97	3.61 5.00 4.50 2.18 3.43 4.85 1.65 3.12 3.12 3.18 3.00 2.74 5.86 2.69 3.00 2.74 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.0	1.94 .69 .73 2.05 1.05	11.51 6.34 6.98 6.05 1.8 6.05 1.3 3.40 3.25 4.70 6.51 2.2 4.70 4.70 4.70 6.31 6.31 6.31 6.31 6.31 6.31 6.31 6.31	8.21 7.83 7.83 7.83 7.83 6.64 5.50 8.21 8.80 8.80 8.80 8.6.55 9.6.55 9.6.55 9.6.55 9.6.55 9.6.55 9.6.55 9.6.55	5.31 4.29 3.56 1.95 2.56 4.76 5.03 6.79 3.24	7.64 6.67 6.69 8.65 5.54 5.25 7.19 4.71 2.85 2.68 6.70	4.19 E 5.91 2.88 2.49 4.74 4.13 1.38 2.01 1.39	2.91 2.91 2.91 2.89 2.65 2.38 3.56 3.56 3.56 3.56 3.56 3.56 3.56 3.56	.41 .57 .13 1.33	1.05 .82 .88 .85 1.86 1.56 1.22 2.38 1.39 1.49	2.39 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3.08 7.69 9.15 - - 5.43 15. 7.33 8. 9.02 11. 3.72 9. 5.70 15. 4.82 13. 6.00 17. 0.94 11. 0.94 11.
.02 5.62 3.1, 5 4.83 1.9 9.02 4.90 2.5 1.5 4.83 1.9 9.00 4.69 1.9 9.00 4.69 1.9 3.7 3.32 2.3 3.7 3.33 1.5 5.00 3.3 1.5 5.00 1.5 5.01 1.5 5.01 1.5 5.01 1.5 5.01 1.7 5.02 1.9 6.02 1.9 6.02 1.9 6.02 1.9 6.02 1.9 6.03 1.9 6.04 1.9 6.05 1.9 6	7 2.45- 2.66- 1 2.19- 3 3.13- 7 3.07- 1 3.51- 9 4.26 7 3.62 3.14 3.67 3.22 3.62 3.72 3.62 3.73 3.72 3.62 3.73 3.72 3.63 3.77 3.79 3.62 3.73 3.70 3.72 3.63 3.77 3.79 3.72 3.63 3.77 3.79 3.72 3.63 3.77 3.79 3.70 3.70 3.70 3.70 3.70 3.70 3.70 3.70	.88 1.61 2.61 2.74 2	.8894	3 3.55 3 3.55 3 3.55 4.01 4.01 4.02 4.02 4.02 4.02 4.05 4.23 4.23 4.23 4.50 3.68 3.20 2.30	.13 2.14 .17 .19 .36 1.68 .80 1.53	2.999 5.28 1.57 3.56 .09 4.98 1.32 6.71 2.83 6.95 3.25 5.30 1.76 7.05 3.71 5.61 5.26 1.89 4.06 5.85 6.46 3.67 .26	3.43 4.85 1.65 3.12 3.18 3.02 3.08 3.00 2.74 5.86 2.69 4.24 3.00 3.29	1.22 .87 .58 .45	5-41 .7 3.40 .4 3.25 .4 6.51 2.2 4.20 .6 4.25 .6 3.31 .8 6.31 2.7 6.31 2.7 6.401 4.02 .0 3.87 3.94	8 8 8 8 0 0 E 10 - 25 1 2 5 - 20 2 7 6 - 7 9 7 5 - 9 7	3.56 1.95 2.56 4.76 5.03 6.79 3.24 2.14	5.54 5.45 7.25 7.19 4.74 5.17 4.62 3.85 5.55 6.88 6.70	2.88 2.49 4.74 4.13 1.38 2.01 1.63 1.39	2.33- 2.88 3.56 3.56 3.20 3.61 4.34 5.89 3.36 4.30 3.57	.57 .13 .19 .61 .66 .65 .07	1.88- 1.56- 1.56- 1.22- 1.00- .92- 2.38- 1.35- 1.49	2.19 4 .76 4 1.72 5 2.22 5 2.26 5 .62 5 1.24 5	7.33 8.9.02 11.3.72 9.5.70 15.4.82 13.6.00 17.0.64 11.0.94 16.7.13
158 4.83 1.0 900 4.69 1.9 75 3.02 .9 4.75 2.3 3.37 4.75 2.3 4.36 5.0 6.3 1.5 4.5 5.5 4.5 1.5 5.5 4.5 1.5 77 4.53 1.7 78 4.36 1.6 4.36 1.3 1.6 4.36 1.3 6.30 4.35 1.7 8.3 1.5 1.7 8.3 1.7 1.7 8.5 1.7 1.7 8.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	7 3.07 1 3.51 3.22 5.14 3.67 3.22 5.17 3.67 3.72 3.62 5.55 4.30 3.36 3.36 3.36 3.36 3.36 3.36 3.36 3	.38 3. .08 2. .41 3. .31 3. .2. .43 2. .43 2. .43 2. .48 2. .48 2. .48 2. .48 2. .48 2.	.76 .81 .90 .01 .05 .11 .04 .55 .02 .37 .43 .06 .56 .25 .69 .8202 .6011	3 4-12 4-92 5 3-02- 7 4-79 4-05 3-85 4-23 4-50 3-68 3-20 2 3-97 5 6-84 3-82	.36 1.68 .80 1.53	6.71 2.83 6.45 3.25 5.30 1.78 7.05 3.71 5.61 5.26 1.89 4.06 4.06 3.67 .26	3.18- 3.02- 3.08- 3.00- 2.74 5.86 2.69- 4.24 3.00 3.29	1.22 .87 .58 .45	4.200 4.256 4.256 6.317 6.26 4.01 4.020 3.94	8 8 8 0 1E10 2 5 6 6 5 5 5 5 10 5 - 20 8 - 92 6 - 74 7 - 97 5 - 96	5.03 6.79 3.24 2.14	4.74 5.17 4.62 3.85 5.52 6.88 5.36 6.70	1.38 2.01 1.63 1.39	3.61 4.34 5.89 3.39 3.36 4.30 3.57	.61 1.66 5.07 1.12	1.00- : .92- : 2.38- 1.35- : 1.49	2.22 5 2.26E 5 .62 5 1.24E 5	4.82 13. 6.00 17. 0.64 11. 0.94 16. 7.13
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ACK BAY WL REF IOHANNON 1 NE IOLONIAL BEACH ITAMOND SPRINGS REDERICKSBURG NATL PK	94 97 96 97	8-11 • - 9- 7 8-11 9- 8	12 9 14 -10	2-20 2-16 - 2-19+ 2-10	2-20 2-20 2-22 2-19 3-16	13 6 14	2-20 2-20 2-22 2-19 3-16	13 6 14	2-20 1 3-12 2 3-16 2 2-21 2 3-17 2	21	4- 8 - 3-16 2-21 4- 7	21 21	4- 8 - 3-17 3-17 4-20	29 32	10-11 10-27 10-10	31	11-30	28	12-18	22	NONE	1 1	NONE NONE 12-18	1	277	- 299 259		282	1
OLLAND 1 E OPEWELL ILMARNOCK 1 N ANGLEY AFR ATHEWS 2 ENE	97 96 96 97	8+11 8-11+ 8-10 8-10 3-1	- 2 1 13	2-10 2-10 2-10 2-10	2-20 2-20 - -		2-20 2-20 3-12 -	11	3-16 2-20 3-16 2	11	3-17 3-16 4- 7	25	4- 8 4- 7 4-11 3-16 4- 7	31	10-16 10-27 10-15 11-29 10-27	29 31	10-27 11-30	24	10-27 12-18	18	12-18	19	12-18 NONE	12	-	301 301 264	283	225	
HOLLUSK 1 SW NEWPORT NEWS PRESS BLD NORFOLK WSO AP NYSTER PAINTER 2 W	96 98 93 94	8-10 8-10 8-11+ 8-10	12 14 9 5	2-17+ 2-18+ 2-16+ 2-14	2-19 2-18 2-18 2-20	14	2-19 2-20 2-20 2-20	19 20			2-20 2-20 3-16 3-20	26	3-12 3-20 -	35	- 11-30 11-30 11-30 10-15	26 30	11-30 12- 1	26 28	12-18 12-18	22	12-18 NONE NONE NONE		12-LE NONE NONE		302	302	301 301	283 283 260 255	1
STONY CREEK 5 SSW SUFFOLK LAKE KILBY FANGIER ISLAND FALKERTON 2 NW FALLOPS ISLAND WSSF	96 95 94 94	8-10 8-10 8-10 8-10+	- 6 7 2 - 9 6	2-11+ 2-10 2-18 2-10 2-18	2-20 2-20 2-16 3-16 2-18	15 2 16	2-20 2-20 3-16 2-20	17 16	3-16 2 2-21 2 2-20 1 4- 7 2 3-16 2	7	4- 7 3-16 3-16 4- 7 3-19	25 25 24	4-19 4- 7 3-16 4- 7 3-27	25 24	10-27 10-15 11-30	31	- 11-30 - 10-27 11-30	26	11-30 11-30 12-18	22	12- 1	20	NONE NONE 12-18 NONE	13	277	- 260	282 - 237 277	203	١,
ARSAN 2 NW IAVERLY IEST POINT 2 SW IILLIAMSBURG 2 N  * * * ASTERN PIEDMONT 02	93 95 97	6-10+ - 8-10 8-10	- 1 - 2 - 1 3	2-10 2-10 2-10 2-10	2-20 2-20 2-20 2-20	11 8	2-20 3-16 3-16 2-20	18 20	3-16 2 3-16 1 3-16 2 3-17 2	8 20	4- 7 4- 7 4- 7 3-17	28	4-10 4- 8 4- 7 4- 7	29 31 28 30	13-15 10-15 10-27 10-27	32 32 28 30	11-15 10-27 10-27 11-15	28 27 28 27	11-30 11-30 11-30 11-30	24 20 23 22	12-16 11-30 12-18 12-18	16 20 15 15	12-18 12-18 12-18	16 15 15 15	301 301 301 301	301 259 277 301	259 259 259 258	203	1
MELIA 3 SE SHLANO AMP PICKETT HASE CITY OLUMBIA	94 95 95 98 97	8-10+ 8- 8 8-11+ 8-11 8-11+	- 9 - 9	2-10 2-10 2-10 - 2-10	3-16 3-16 3-16 2-20 3-16	11 15 14	3-16 3-16 3-17 3-16 3-16	11 17 19	4- 7 2 3-17 2 3-17 1 3-17 2 3-28 2	7	4- 7 4- 7 4- 7 3-26 4- 7	24 25 25 28 28	4-17 4-10 4-18 4- 7 4-18	31 30 31 31	10-15 10-10 10-14 10-15 10-11	32 32 31 30	10-27 10-27 10-27 10-27 10-27	27 27 24 28	11-30 11-30 10-27 11-30	21 20 24 18	12- 1 11-30 11-30 11-30	19 20 19 18	12-18 12-18 12- 3 NONE	16 14 15	277 277 262	260 259 258 259	237 258 224 258	203 203 203 215	1 1 1
ORBIN PROZIER PARMVILLE 2 N JOHN H KERR DAM AMRENCEVILLE 5 W	96 98 98 100 96	8-11+ 8-9 8-8 8-11 8-10	- 4 - 6 - 7 1 - 6	2-10 2-10 2-10 2-11+ 2-10	2-20 3-16 2-20 2-21 3-16	10 16 16	3-16 3-16 3-16 3-16 3-16	17 16 17 20		22		27 28 26 23	4-11 4- 7 4-18 3-28 4- 7	31	10-27	27	10-27	27	11-30	24	12- 3	20	12-18	16 16 14	301 277 283	262 262 259 262	258 258 225 261	203 213 203	
DUISA PICHMOND WSO AP	95 97	9-10+ 9-10	- 8 - 8	2-10 2-10	2-20 2-20		3-16 3-16	17 18	3-16 1 3-16 1		3-28 3-17	26 26	4-11 4- 7	32 30	10-10 10-27	32 31	10-27 11-15	25 28	11-30 11-30	23 23	12- 3 12-18	16 16	12- 3 12-18	16 16	286 301	262 277	259 259	213 243	
* * * * ESTERN PIEDMONT 03										ļ								ĺ											
PPOMATTOX 3 W EDFORD ROOKNEAL HARLOTTE COURT HOUSE HARLOTTESVILLE 2 W	91 97 98 98	8-11+ 8-11+ 8-11+ 8-11+	- 3	2-11 1- 3 2-10 2-10 2-19+	2-21 2-20 2-21 3-17 2-19	10 14	2-21 2-20 3-17 3-17 2-19	9 20 14	3-17 2 3-16 2 3-18 2 4- 8 2 3-16 2	4	3-28 3-28 3-18 4-29 3-16	28 24 28	4-10 4- 7 4-18 4-30 4- 7	<b>71</b>	10-15 10-15 10-14 10- 6 10-10	ᅐ데	10-26	24	11-20	21	12- 1	1 10	NONE NONE NONE 11-30 NONE	11	258	286 258 224	258 259 257 190 259	212 223 168	
HATHAM ANVILLE-BRIDGE ST YNCHBURG MSO AP ARTINSVILLE FILT PL HILPOTT DAM 2	95 100 94 95	8-11+ 8-11 8-10+ - 8-11+	- 2 6 2 1 5	2-10 2-10 2-11 2-21+ 2-19	3-16 2-21 2-19 3-16 2-21	16 11 11 16 12	3-17 2-21 3-16 3-17 3-17	17 11 19 17 18	4- 7 3-16 2 3-16 1 3-18 2 3-18	3 9 2 3	4- 7 3-18 3-27 3-28 3-28	23 28 27 26 27	5- 1 4- 7 4- 7 4-30 4- 8	32 31 30 32 31	10- 6 10-27 10-10 10-14 10-15	32 30 32 27 30	10-14 11-15 10-27 10-14 10-27	25 27 24 27 28	10-15 11-30 10-27 10-27 11-15	24 22 24 22 24	11-16 12- 3 11-30 11-15 12- 1	20 20 15 19 20	11-30 NONE 11-30 12- 1 NONE		259 284 260		191 259 225 223 242		
INEY RIVER 2 SE OCKY MOUNT TUART 1 SSE YE RIVER 1 SE	95 95 97 95	8- 8 3- 9 8- 9 8-11+	- 1 5 4 0	2-11 2-19+ 2-19+ 2-11	3-16 2-21 2-19 2-21	4	3-16 3-17 3-16 3-17	17 20	3-28 2 3-17 1 3-16 2 3-17 2	7	4- 7 3-18 4- 7 3-29	25 28	4-18 4-18 4-10 4- 8	32 30	10-10 10-14 10-14 10-15	31 30	10-27	23	10-27	23	12- 1	20 16	NONE 11-30	16	262 284	259 259	213 224 259 258	236	1
OPTHERN 04																													
ERRYVILLE IG MEADOWS ULLPEPER LKWOOD 6 SE INCOLN	92 82 96 95 95	8-11+ 8-11+ 8-8 8-10+ 8-10+	- 6	2-18 2-17+ 2-10 2-10 2-18	2-21 4- 7 2-20 3-16 2-21	16 2 12	3-16 4- 7 3-16 3-18 2-21	16 18 20	3-29 2 4-10 2 3-17 2 3-26 2	4	4- 7 4-18 4- 7 4- 7	27 28 27 27 26	4-20 5-17 4-17 4-11 4-11	31 32 30 29 32	10-10 10-6 10-15 10-10 10-10	32 32 28 32 32	10-27 10-10 10-15 10-15 10-27	25 27 28 28 27	11-30 10-26 11-30 10-27 11-30	22 24 22 29 22	12- 1 10-27 12- 3 11-30 12- 3	20 19 19 18 20	12-18 11-30 12-18 12-18 NONE	15 10 15 11	300 237 301 277	260 203 262 257 285	246 199 258 213	203 175 191 191 203	
URAY 5 E ANASSAS 3 NW OUNT WEATHER IEDMONT RESEARCH STA TERLING (PCS)	93 97 88 96 94	8-11 8-10+ 8-11 8- 9 8-11+	- 2 0 - 3 - 5 -17	2-14+ 2-10 2-19+ 2-10 2-18	3-17 3-16 2-21 3-16	16	3-17 3-17 3-16 3-28	20 17	3-28 2 3-28 2 4- 7 2 3-17 2 3-28 1	4	4- 7 8 4- 7 4-20	25 27	5- 1 4-11 4-11 5- 2	30	10-10 10-10 10-10 10-10 10-10	31 31 32	10-27 10-27 11-15	24 27 28	10-27 11-30	24 19 22	11-30 12- 3	19	NONE 12-18 NONE	14	277	258 262	213 237 258	222	
ABRENTON 3 SE ASHINGTON 3 SSW ASH DULLES WSO AP ASH NATL WSCHO AP INCHESTER 3 ESE OODSTOCK 2 NE	93 95 97 94 97	8-11+ 8-1G+ 8-1G 8-11	- 2 -14 6 - 5	2-10  2+18 2-18+ 2-18	2-20 2-20 2-20 2-20 3-16	10	3-16 - 3-17 2-20 3-16 3-16	20 10 20	3-17 2 3-28 2 2-20 1 3-16 2 3-28 2	0	4- 7 - 3-28 3-16 4- 7 3-28	21 25 26	i	25 32	10-10 10-10 10-10 11-30 10-10	31 32 28 31	10-15 10-27 11-30 10-27	28 28 23	10-28 10-27 12-17 10-27	24 24 23 23	12-15 NONE 11-30	18	12-18 NONE 12-15	16 16	301 301 298 262		- 213 300 225	203	
ENTRAL MOUNTAIN 05		<i>a</i> :																											
UCHANAN OVINGTON FILT PLANT ALE ENTERPRISE OT SPRINGS	93 94 95 90	8- 8 8- 9+ 8- 8 8-10+	- 4	2-11 2-10 2-20+ 2-10	2-20 3-16 3-16 3-17	14	3-16 3-17 3-16 3-18	16	3-17 3-28 3-28 2 4-11 2	- 2	3-28 3-28 4- 7 4-19	21	4-24	211	10-10 10-10 10-10 10-10	52	10-15	28	10-27	22	11-30	17	12- 3	141	262	2591	213	191	

Table 3			T	EMP	ERA	ΥŢΊ	JRE	: · E	:XT	RE	:ME	S	AN.	D 	FRI	EE	ZE .	D <i>F</i>	ΥTA								19	79	
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Station					16° o		20° c		24° d belo		28° d		32° o belov		32° c belo		28° o belov		24° c belo		20° d belo		16° c		below	or below	oelow	or below	or below
	Highest	Date	Lowest	Date	Date	Temp.	Date	Temp.	Date	Temp.	Date	Тетр.	Date	Тетр.	Date	Temp.	16° or l	20° or }	24° or below	28° or 1	32° or }								
LEXINGTON MONTEREY POANOKE WSO AP STAUNTON SENAGE PLANT TIMBERVILLE 3 E	95 87 93 95 95	8- 8 8- 9* 8-10* 8- 9 8- 8	- 5 - 8 - 8 - 16	2-10 2-11 1- 3 2-19	2-20 3-28 2-20 3-16 3-15	1 14 9	3-16 4- 7 3-16 3-17 3-15	17 20 20 19	3-28 4-10 3-16 4- 7	24 24 20 7 21	4-18	24 28 25 27	4- 7 5- 2	30 32 32 30	10-15 10-10 10-15 10-10 10-10	28 30 32	10-10 10-27 10-11	28 25 28	10-27 10-15 11-30 10-27	21 20 20	10-21 11-30 10-21	7 16 20 20	12- 3 10-27 12- 3 12- 3 12- 3	16 16 12	213 286 262	259	188 259 203	224 176	146 191 161
SOUTHWESTERN HOUNTAIN 06																						:							
ABINGOON 3 S PLACKSBURG 3 SE BURKES GARDEN FLOYD 2 NE GALAX RADIO WBOB	92 89 85 89 91	8-10+ 6-10 8- 9 8- 9 8- 9	- 1 - 2 -10 - 8	2-20	2-20 2-21 3-16 3-16 3-16	13	3-15 3-16 3-26 -	18	3-27	7 23	4-30	28	5-76	31 32 31 32 32	10- 6 10- 6 9-10 10- 6	30 32 32 31 31	10-14 10-15 10- 6 10-14 10-15	23 24 27 28 28	10-14 10-15 10-15 10-15 10-27	23 24 20 21 23	11-30 10-23 13-19 13-23 11-30	20 20 20 17 16	12- 1 11-30 11-29 11-30 11-30	16 16 16 15 16	284 282 256 259 259	260 225 203	212 212 191 202 215	190 191 159 177 201	159 159 107 141 159
GRUNDY MARION EVAP STATION MT LAKE BIOLOGICAL STA PENNINGTON GAP PULASKI 2 E	93 90 81 90 92	8-10 8-10 8- 9 8- 9 8-10	- 2 -10	2-10 2-10 1- 3 2-10+ 2-10	3+17 3-16 3-26 2-20 3-16	13	3-17 3-17 4- 6 3-16 3-17	18 17 19		24 23 22	4-29	28 27 28	4-30 5-26 4-17 5-17	30 29 32	10-27 10- 6 10-10 10-14 10- 6	27	10-27 10-14 10-11	27 27 26	11-30 10-27 10-19	24	12- 1 11-15 17-27	19	12- 3 12- 1 11-29 12- 1 12- 3	11 14 12	261 260 248	259 243 204	257 215 188	202 168 175	
STAFFORDSVILLE 3 ENE WISE 1 SE WYTHEVILLE 1 S	91 87 91	8- 9 8- 8 8- 9	- 2 - 3	1- 3 1- 3 2-20	3-17 2-18 3-16	14	3-17 3-16 3-17	18	3-18 3-26 3-17	21	4-29 4- 1 4-29	27	4-29	30	10-10	32	10+14	27	11-29	20	11-29	20	11-30 11-30 12- 1	16	285	258	248	190	164
STATE EXTREMES  JOHN H KERR DAH  DANVILLE-BRIDGE ST  STERLING (RCS)		100	8- 8-	11 11 -17	2-18	3																							
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Table 4	TOTAL	EVA	PORA	ATION	I ANI	D WI	ND A	<b>NOVE</b>	MENT	<b>.</b>		VIRGI 1979	NIA	
Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annua
JOHN H KERR DAM	EVAP WIND	=	=	-	-	5.55B 14758	5.93 1399	5.71B 1187	6.08B 1366B	4.18B 1593	-	-	-	=
* * * WESTERN PIEDMONT 03														
PHILPOTT DAM 2	EVAP	_	-	-	3.61B	3.77	4 • 1 3 B		4.64	3. <b>09</b> 8		-	-	-
	WIND MAX MIN	-	=	- - -	752B 69.0 46.5	498 80.7 53.6	405 85.4 58.2	447 86.9 63.3	333 89.1 63.3	76.2 59.0	66.7 45.4	-	=	-
* * * Southwestern Mountain 06								•						
MARION EVAP STATION	EVAP WIND	-	:	-	4.18B 1566	4.69B 1027	4.67B 851	4.82B 924	5.48 820	3.63 987	3.00B 961	-	-	-
	MAX MIN	-	Ξ	-	69.4 46.9	77.5 55.6	82.6 60.2	86.0 64.8	88.2 64.6	77.6 60.0	63.6 45.8	-	-	-
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VIRGINIA 1979

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Station	Index N	Division No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Month opened	Month closed	to tables
ABINGOON 7 WSW ABINGOON 3 S ALLISONIA 2 S ALTAVISTA AMELIA 3 SE AMISSVILLE APPOMATTOX 3 W ASHLAND BACK BAY WL REF BEDFORD	CO 13 CO 21 O1 35 O1 66 O1 87 O1 93 O2 43 O3 27 O3 35 O5 51	06 06 03 02 04 03 02	WASHINGTON WASHINGTON PULASKI CAMPBELL AMELIA RAPPAHANNOCK APPOMATTOX HANOVER BEDFORD	8 11 15 1 14 9	36 40 36 40 36 54 37 06 37 19 38 41 37 22 37 45 36 40 37 21	82 06 81 58 80 45 79 18 77 57 78 01 78 53 77 29 75 55 79 31	1995 1920 1820 510 350 550 925 220 975	11 18 67 27 51	11 28 34 11 36 41 67 27				C 1 2 3 2 C 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
BERRYVILLE BIG MEADOWS BLACKSBURG 3 SE ELAND BOHANNON 1 NE BOYKINS BREMO BLUFF BROOKNEAL BUCHANAN BUCKINGHAM	0670 0720 0766 0792 0835 0956 0993 1082 1121 1136	04 06 01 01 02 03	CLARKE MADISON MONTGOMERY BLAND MATHEWS SOUTHAMPTON FLUVANNA CAMPBELL BOTETOURT BUCKINGHAM	14 11 11 5 10 9	39 09 38 31 37 11 37 06 37 24 36 35 37 42 37 02 37 32 37 33	77 59 78 26 80 25 81 06 76 21 77 12 78 18 78 57 79 41 78 33	600 3535 2000 2000 40 225 520 880 460	28 44 28 29 26 4 6.1	38 44 28 29 29 26 39 30 78			MAR INAC	1 2 3 1 2 3 1 2 3 2 1 2 3 1 2 3 2 1 2 3 1 2 3 2 2
BUENA VISTA BURKES GARDEN BYLLESBY 3 W CAMP PICKETT CHARLOTTE COURT HOUSE CHARLOTTESVILLE 2 W CHASE CITY CHATHAM CLARKSVILLE CLIFTON FORGE	1159 1209 1259 1322 1585 1593 1606 1614 1746 1801	06 02 03 03 02 03	ROCKBRIDGE TAZEWELL CARROLL NOTTOWAY CHARLOTTE ALBEMARLE MECKLENBURG PITTSYLVANIA MECKLENBURG ALLEGANY	11 12 15 9 15 7	37 44 37 05 36 48 37 02 37 04 38 02 36 50 36 49 36 37 37 49	79 21 81 20 80 59 77 57 78 39 78 31 78 28 79 24 78 34 79 50	840 3300 2610 330 580 870 510 640 310	82 8 33 76 32 56	42 84 14 8 33 103 56 88 55				2 1 2 3 2 1 2 3 C 1 2 3 1 2 3 1 2 3 C 2 2
CLINCHCO COLONIAL BEACH COLUMBIA CONCORD 5 S COPPER HILL 1 NNE CORBIN COVINGTON COVINGTON FILT PLANT CRAIGSVILLE 2 S CROZIER	1808 1913 1929 1955 1999 2009 2041 2044 2064 2142	01 02 03 06	DICKENSON WESTMORELAND GOOCHLAND CAMPBELL FLOYD CAROLINE ALLEGHANY AULUSTA GOOCHLAND	13 9 15 11 14 9	37 10 38 15 37 46 37 17 37 06 38 12 37 48 37 48 38 03 37 38	82 19 76 58 78 09 78 58 80 08 77 22 80 00 80 00 79 23 77 48	1530 300 650 2720 220 1245 1230 1780 300	17 77 21 19	25 17 81 30 38 21 42 19 17			INAC	2 1 2 3 1 2 3 C 2 2 1 2 3 1 2 3 C 2 1 2 3 C
CULPEPER CULPEPER RVRSIDE CG CUMBERLAND DALE ENTERPRISE DANYILLE-BRIDGE ST DAVENPORT 2 NE DEERFIELD 1 S DIAMOND SPRINGS DRIVER 4 NE EARLEHURST	2155 2159 2160 2208 2245 2269 2315 2368 2504 2600	05 03	CULPEPER CULPEPER CUMBERLAND ROCKINGHAM PITTSYLVANIA BUCHANAN AUGUSTA PRINCESS ANN ALLEGHANY	14 16 7 3 9 5	38 28 38 21 37 30 38 27 36 35 37 07 38 10 36 54 36 53 37 40	78 00 77 57 78 15 78 56 79 23 82 06 79 22 76 12 76 29 80 14	420 260 460 1400 1600 1720 25 17	70 97 62 71	72 1 99 89 53 71 37		JUL AUG		1 2 3 C 2 1 2 3 C 2 1 2 3 C 2 1 2 3 C 2 2 2 C 2 2 C 2 C 2 C 2 C 2 C 2 C
ELKWOOD 6 SE EMPORIA 1 WNW FARMVILLE 2 N FLOYO 2 NE FREDERICKSBURG NATL PK FREDERICKSBURG 2 FREE UNION FRONT ROYAL 1 ESE GALAX RADIO WBOB GALAX WATER PLANT	3267	01 02 06 01 01 03 04	CULPEPER GREENSVILLE CUMBERLAND FLOYD SPOTSYLVANIA SPOTSYLVANIA ALBEMARLE WARREN CARROLL CARROLL	10 11 14 14 9 16	38 27 36 41 37 20 36 56 38 19 38 18 38 09 38 55 36 40 36 39	77 46 77 33 78 23 80 18 77 27 77 28 78 34 78 11 80 55 80 55	330 100 450 2600 90 120 500 527 2385 2360	39 58 47 86	39 49 60 47 88 25		NAU		1 2 3 C 2 1 2 3 1 2 3 1 2 3 1 2 3 C 2 C 1 2 3 C
GLASGON 1 SE GLEN LYN GORDONSVILLE 3 S GOSHEN GROSECLOSE GRUNDY HILLSVILLE 1 S HOLCOMBS ROCK HOLLAND 1 E HONAKER	3375 3397 3466 3470 3623 3640 3991 4039 4044 4078	06 02 05 06 06 06	ROCKBRIDGE GILES LOUISA ROCKBRIDGE SMYTH BUCHANAN CARROLL BEDFORD RUSSELL	11 17 9 8 3 11 9	37 37 37 22 38 05 37 59 36 52 37 16 36 44 37 30 36 41 37 01	79 26 80 52 78 11 79 30 81 21 82 05 80 44 79 16 76 47 82 00	740 1520 460 1350 2550 1170 2590 575 80 1960	47 19	13 66 19 40 29 37 20 47		MAY		2 2 2 2 2 C 1 2 3 2 2 1 2 3 C
HOPEWELL HOT SPRINGS HUDDLESTON 2 SW HURLEY INDEPENDENCE 2 INDIAN WALLEY JOHN W FLANNAGAN LAKE JOHN H XERR DAM KERRS CREEK 6 WNW KEYSVILLE 8 N	4128 4148 4180 4234	05 06 06 06 06 05	PR GEORGE BATH BEDFORD BUCHANAN GRAYSON FLOYD DICKENSON MECKLENBURG ROCKBRIDGE PRINCE EDWAR	15 11 11 3 15	37 18 38 00 37 09 37 .25 36 39 36 54 37 14 36 36 37 51 37 10	77 18 79 50 79 30 82 01 81 10 80 34 82 21 78 17 79 35 78 31	40 2238 1000 990 2610 2700 1462 250 1500	87 86	92 88 30 27 11 31 18	28	AUG	-	1 2 3 C 2 C C C C C C C C C C C C C C C C

See Reference Notes Following Station Index

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Station	Index No.	County	Drainage Latitude	Longitude	Elevation	Temp.	Precip. Evap.	Month opened	Month closed	to tables
KILMARNOCK 1 N LAFAYETTE 1 NE LANGLEY AFB LAWRENCEVILLE 5 W LEXINGTON LINCOLN LOUISA LURAY 5 E LYNCHBURG WSO AP R MANASSAS 3 NW	4720 4768 4876 4909 5050 5096	06 MONTGOMERY 01 02 BRUNSWICK 05 ROCKBRIDGE 04 LOUDOUN 02 LOUISA 04 PAGE 03 CAMPBELL	1437 43 1537 14 537 05 1036 46 937 47 1339 07 1738 02 1638 40 937 20 1338 47	76 23 80 13 76 21 77 56 79 26 77 43 78 00 78 23 79 12 77 30	60 1380 10 300 1060 500 420 1200 916 330	34 101 78 64 38	1 29 143 34 108 79 64 38 108 63	FEB		1 2 3 2 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
MARION EVAP STATION MARTINSVILLE FILT PL MATHEWS 2 ENE MC DONELL MC GAHEYSVILLE 2 S MEADOWS OF DAN 5 SW MILLGAP 2 NNW MILL RUN FARM MOLLUSK 1 SW MONTEBELLO 2 NE		D3 HENRY D1 MATHEWS D5 HIGHLAND D5 ROCKINGHAM D3 PATRICK D5 HIGHLAND D5 BATH D1 LANCASTER	836 49 736 42 537 27 938 20 1638 21 736 40 938 21 938 13 1437 43 937 53	81 31 79 53 76 17 79 30 78 44 80 27 79 43 79 44 76 33 79 08	2100 760 5 2000 1090 1500 2520 2080 20	6	20 20 49 29 16 30 4 4 6 42	APR	NAL	1 2 34 1 2 3 1 2 3 2 C 2 C 2 1 2 3
MONTEBELLO FISH NRSY MONTEREY MOUNTAIN GROVE MT LAKE BIOLOGICAL STA MOUNT MEATHER NEW CASTLE NEWPORT 2 NW NEWPORT NEWS PRESS BLD NORFOLK WSO AP NORTH FORK LAKE	5698 5756 5828 5851 6012 6046 6054 6139	D5 BATH D6 GILES D4 LOUDOUN D5 CRAIG D6 GILES D1	937 51 1338 25 938 06 937 23 1339 04 937 30 937 19 937 01 536 54 337 08	79 08 79 35 79 53 80 32 77 53 80 06 80 31 76 27 76 12 82 38	2649 2920 1767 3870 1720 1310 1900 50 22 1675	38 9 75 58 34	54 9 76 42 34 58 34			C 1 2 3 2 1 2 3 C 2 1 2 3 C 2 1 2 3 C 2 2 1 2 3 C 2
NORTH GARDEN NORTH RIVER DAM OYSTER PAINTER 2 W PALMYRA 1 E PEDLAR DAM PENNINGTON GAP PETERSBURG PHILPOTT DAM 2 PIEDMONT RESEARCH STA	6491 6593 6626 6656 6692	05 AUGUSTA 01 NORTHAMPTON 01 ACCOMACK 02 FLUVANNA 03 AMHERST 06 LEE	937 57 1638 22 237 17 537 35 937 52 937 40 636 45 137 14 1536 47 1738 13	78 38 79 16 75 56 75 49 78 15 79 17 83 03 77 24 80 02 78 07	686 2400 27 30 410 1013 1510 15 1123 515	24 47 27	49 43 24 23 45 47 1 27 27	מטע		C 2 1 2 3 C 2 2 1 2 3 C 2 1 2 3 C 1 2 3 C 1 2 3 C
PILOT 1 ENE PINEY RIVER 2 SE POWMATAN 1 E PULASKI 2 E RADFORD RANDOLPH 5 NNE RAPIOAN REMINGTON 2 RICHMOND WSO AP RIVERTON	6747 6906 6955 6999 7025 7033 7130 7201	02 POWHATAN D6 PULASKI	1137 04 937 42 137 32 1137 03 1137 08 1536 59 1438 18 1438 32 937 30 1638 56	80 21 79 00 77 55 80 45 80 33 78 42 78 04 77 49 77 20 78 12	2180 750 360 1850 1730 350 300 280 164 560	19	38 4 20 19 12 74 34 42 48	JUL	SEP	2 1 2 3 2 1 2 3 C 2 2 C 2 C 1 2 3 C
ROANOKE WSO AP R ROCKFISH ROCKY HOUNT SPEEDWELL SPRING CREEK 2 STAFFORDSVILLE 3 ENE STAR TANNERY STAUNTON SEWAGE PLANT STERLING (RCS) STONY CREEK 5 SSW	7312 7338 7971 7997 8022 8046 8062	04 FREDERICK 05 AUGUSTA 04 LOUDOUN	1537 19 937 48 1537 00 1136 49 637 01 1137 16 1639 05 1638 09 1338 59 1236 54	79 58 78 45 79 54 81 10 81 39 80 43 78 26 79 02 77 28 77 27	1149 445 1232 2340 2370 1950 950 1385 280	86 10 87 3	47 42 86 39 28 93			1 2 3 C 2 1 2 3 C 2 C 1 2 3 C 1 2 3 C 1 2 3 C
STRASBURG 2 ESE STUART 1 SSE STUARTS DRAFT SUFFOLK LAKE KILBY TANGIER ISLAND THE PLAINS 2 NNE TIMBERVILLE 3 E TROUT DALE 3 SSE TYE RIVER 1 SE VIENNA DUNN LORING	8192 8323 8396 8448 8547	03 PATRICK 05 AUGUSTA 01 01 01 ACCOMACK 04 FAUQUIER 05 ROCKINGHAM 06 GRAYSON 03 NELSON	1338 59 736 38 1638 00 236 44 537 50 1338 54 1638 39 1136 40 937 38 1338 54	78 20 80 16 79 03 76 36 76 00 77 45 78 43 81 24 78 56 77 13	540 1450 1450 22 530 1000 2820 720 418	20 33 27 37	20 30 33 27 34 48 44 41	YAM YAM		C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C
WALKERTON 2 NW WALLACETON LK DRUMMOND WALLOPS ISLAND WSF WARRENTON 3 SE WARSAW 2 NW WASHINGTON 3 SSW WASH DULLES WSO AP WASH NATL WSCMO AP R WAVERLY WEST POINT 2 SW	8888 8894 8902 8903 8906 8933	01 ACCOMACK D4 FAUQUIER 01 RICHMOND D4 RAPPAHANNOCK D4 LOUDOUN	1737 45 236 36 237 57 1338 41 1437 59 1438 40 1338 57 1338 51 437 02 1737 31	77 03 76 26 75 29 77 46 76 46 78 11 77 27 77 02 77 06 76 50	50 25 9 500 140 640 290 100	14 29 29 25 18 39	47 53 14 29 29 34 18 39 5	APR	ост	1 2 3 C 1 2 3 C 1 2 3 1 2 3 1 2 3 C 1

## STATION INDEX

VIRGINIA 1979

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Station	Index No.	Division No.	County	Drainage 🗓	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Month opened	Month closed	to tables
WHITE GATE WILLIAMSBURG 2 N WILLIAMSVILLE 2 S WINCHESTER 3 ESE WINTERPOCK 4 W WISE 1 SE WOODSTOCK 2 NE WOODSTOCK 2 NE WOODWINE 4 S WYTHEVILLE 1 S	9060 9151 9159 9186 9213 9215	06 01 05 04 02	BATH FREDERICK CHESTERFIELD	111 9 9 13 1 6 16	37 12 37 18 38 10 39 11 37 20 36 58 38 54 36 43 36 56	80 50 76 42 79 35 78 07 77 39 82 34 78 28 80 17 81 05	1850 70 1640 680 300 2570 660 1490 2450	29 74 25 81	34 73 1 25		AUĢ		1 2 3 C 1 2 3 C
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See Reference Notes Following Station Index

#### REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA" for this State.

AVERAGES: Division averages in the annual issue include late reports and corrected data and may differ slightly from values published in monthly issues.

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 noted below in 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 1941-1970. "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 12 SSW, indicate distance in miles and direction from the post office.

LATE REPORTS AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

DAILY SOIL TEMPERATURES TABLES: Included are all soil temperature stations with any data published for the calendar year, whether or not opened or closed during the year. See the reference notes of the monthly issues for information on individual stations as to soil type, ground cover, and degree of slope.

### 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.
- Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

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

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- # DRAINAGE CODE: 1-APPOMATTOX 2-ATLANTIC 3-BIG SANDY 4-BLACKWATER 5-CHESAPEAKE 6-CLINCH 7-DAN 8-HOLSTON 9-JAMES 10-MEHERRIN 11-NEW 12-NOTTOWAY 13-POTOMAC 14-RAPPAHANNOCK 15-ROANOKE 16-SHENANDOAH 17-YORK
- 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.

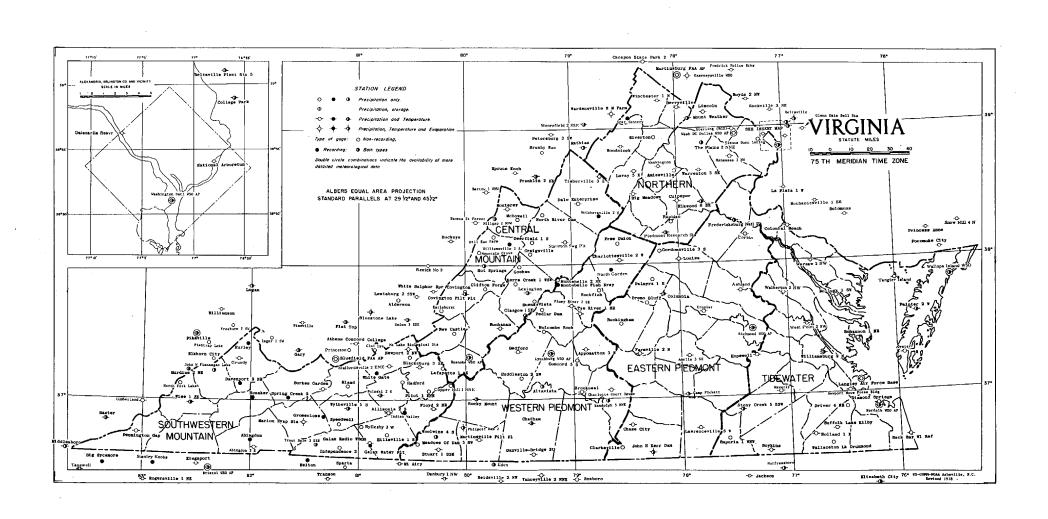
Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45c single copy; \$1.00 foreign; 45c annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications.

Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801 ATTN: Publications

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