



CLIMATOLOGICAL DATA

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

VIRGINIA

ANNUAL SUMMARY 1970

Volume 80 No. 13

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
TIDEWATER 01																										
BACK BAY WL REF	34.9M		42.4M		46.0M		56.9		67.9M		74.8		77.7M		77.5M		75.3M		65.1M		53.5M		45.1M		59.8M	
BOHANNAN 1 NE	33.1M		40.5		43.7		56.5		67.8		74.2M		77.0		77.3		74.8M		63.2		51.3		42.7		58.5M	
BOYKINS	35.4		41.9M		47.1		58.5M										74.8M		63.6		50.6		43.2M			
CAPE HENRY WSO			41.3	-1.1											79.2	1.7										
CHERITON	31.6		40.2M		45.0		54.8		66.0		75.1		74.7		77.9		74.3		65.2		49.5		44.9M		58.3M	
CHINCOTEAGUE WL REF																										
COLONIAL BEACH	32.8M		38.9M		42.2M		52.9M		62.7M		72.7M		75.3M		78.0M		63.1M		51.9		42.3M					
DIAMOND SPRINGS	31.0	-6.5	38.9	-7	43.5M	-1.5	56.6	-1.0	69.6	-4.1	76.5	-2.7	79.5M	-1.8	79.8	-3.5	76.2	-6.1	63.5	-4.1	50.5	-2.3	42.3	-3.4	59.0M	-1.8
FORT LEE	32.3	-11.4	39.4	-4.6	44.4	-5.6	55.0	-3.5	66.5	-1.4	73.9	-1.8	76.6	-2.4	77.5	-4	74.5	1.3	62.4	-8	52.1	-1.4	43.4	-1.2	58.2	-2.8
FREDERICKSBURG NATL PK	30.2	-6.9	37.8	-2	43.1	-1.9	56.4	-8	68.1	2.8	74.3	1.0	77.4	-2	76.3	-8	73.8	4.7	61.2	2.9	48.6	1.3	39.7M	1.8	57.2M	-6
HOLLAND 1 E																										
HOPKINSVILLE	33.1		40.2		46.0		57.3		68.3		74.4		77.2		76.5		74.3		62.2		51.9		42.5		58.7	
LANGLEY AIR FORCE BASE	34.4M	-7.1	42.4	-1	46.9	-2.4	60.2	-5	70.4	1.9	76.7	-4	78.8	-1.0	78.8	-1.0	74.3		64.2	2.9	52.5	1.5	44.5	2.6	58.1	
NASSAWADOK	32.5	-9.0	38.4	-3.6	43.2	-5.1	54.0	-3.1	67.7	-5	75.2	-2	76.8	-2.2	77.1	-8	73.6	-9	63.1	1.0	51.0	-3	44.1	1.5	58.1	-1.7
NELSONIA	31.5		39.3		42.9		55.1		67.3		73.8		76.3		76.6		73.7		62.9		51.5		42.4		57.8	
	31.6M		40.6M		42.4				68.3M																	
NEWPORT NEWS PRESS BLD																										
NORFOLK WSO	34.2		41.9		45.5		57.6		69.7		75.9		77.9		79.2		76.2		66.2		53.9		45.1		60.3	
PAINTER 2 W	33.9	-7.3	39.3	-2.3	44.7	-3.3	56.7	-1.3	67.5	-0	74.9	-7	76.9	-1.9	78.0	-5	74.7	2.1	63.7	1.7	51.7	-3	47.0	4.5	59.1	-6
PARRANDE BEACH L B S	31.5		39.8		42.5		54.7		66.5		73.0		76.0		76.1		73.6		62.1		51.0		41.7		57.4	
QUANTICO IS	30.3M		40.5		42.9		53.9M		65.5M		73.0		76.8		78.9		74.2		64.5		52.5		42.9		58.0M	
	29.6	-6.9	37.0	-5	41.8	-2.7	55.5	-0	66.8	1.6	73.0	-5	77.3	-0	76.9	1.2	72.9	-3	60.8	2.5	48.0	1.0	38.9	1.5	56.6	-2
STONY CREEK 4 SW																										
SUFFOLK LAKE KILBY	34.6		42.5		46.0		59.2		68.9		74.0		75.9		74.3		75.7		62.5		51.1		43.0		59.0	
SUNNYSIDE	33.6		40.1		45.3		57.6		68.0		74.8		77.1		77.7		74.3		63.1		51.5		43.7		58.9	
TANGIER ISLAND	30.3		38.0		41.7		55.0		67.0		73.0		76.0		77.0		74.0		62.0		51.0		43.0		58.0	
URBANNA	35.5		41.2		45.8		52.6		65.9		73.1		77.6		77.6		75.7M		63.3M		50.9		42.6		58.7M	
	32.6		39.9M		43.2M		57.9M		68.7M						77.9M		75.7M									
WAKEFIELD 1 NW																										
WALKERTON 2 NW	34.6		40.2		44.9		57.3		68.2		73.9		76.5		76.9		73.8		62.0		50.4		40.8M		58.3M	
WALLOPS ISLAND WSO	30.5		38.2		43.0		56.0		68.3		74.6		77.4		76.7		73.3		61.5		49.4		39.6		57.4	
WARREN 2 NW	29.6		36.2		41.7		52.9		63.1		70.9		73.4		76.4		71.7		62.4		50.1		40.8		55.8	
WEST POINT 2 SW	30.4		38.2		42.7		55.4		67.5		73.4		76.8		76.4		73.7		61.9		49.7		40.5		57.7	
	31.6		38.7		43.5		56.1		68.3		74.8		76.7		76.6		74.1		61.9		49.7		40.5		57.7	
WILLIAMSBURG 2 N																										
	32.7		40.1		43.8		56.7		68.5		75.0		76.7		76.7		74.7		63.4		51.6		42.8		58.6	
DIVISION																										
	32.4	-7.9	39.8	-1.3	44.0	-3.4	56.1	-1.1	67.8	1.2	74.4	-2	76.9	-1.2	77.4	-6	74.3	3.0	63.0	2.2	51.1	-6	42.6	1.3	58.3	-5
EASTERN PIEDMONT 02																										
AMELIA COURT HOUSE	32.5		38.7		41.2M		56.4		69.5		73.0		75.5		76.7M		73.0		60.7		49.5		45.9M		57.7M	
ASHLAND 1 SW	29.0		40.0		44.3		57.8		67.0		74.2		76.6		75.8		74.0		62.1		50.2		42.5		58.2	
BLACKSTONE FFA AP	33.3		40.0		44.3		57.8		67.0		74.2		76.6		75.8		74.0		62.1		50.2		42.5		58.2	
CHESAPE CITY	29.2M	-8.5	36.5M	-2.3	41.6	-4.2	55.6M	-7	66.8	-9	73.8M	-1	76.6	-9	75.0	-9	72.3	2.9	59.6	1.5	47.8	-0	38.5	-2	56.1M	1.0
CORBIN	27.5		35.8		40.4		53.5		65.9		72.5		75.9		75.6		72.5		59.9		47.4		37.6		55.4	
FARVILL 2 N	31.9	-7.5	38.7	-1.7	43.8	-2.8	56.7	-5	67.7	-1.8	73.3	-5	75.9	-1.1	75.1	-8	72.8	3.2	62.8	2.5	48.8	-8	40.4	1.1	57.5	-3
JOHN W KERR DAM	32.1		39.5		44.6		57.7		69.4		76.1		78.1		76.7M		74.0		60.2		50.6M		42.0M		58.4M	
LAWRENCEVILLE 3 W	33.5		40.7		45.0		58.0		66.9		73.2		75.9		75.2		73.4		61.2		49.7		40.5		57.9	
LOUISA	30.1		37.3		42.0		55.4		67.0		73.3		76.1		75.6		73.1		60.3		48.7		38.9		56.5	
NEW CANTON																										
PARTLOW 3 WNW	32.4	-6.3	38.5M	-1.2	43.8	-2.4	57.0	-6	67.6	2.5	73.4	1.0	76.1	-1	75.2	-8	73.0	4.6	61.1	3.3	49.0	1.3	40.3	1.3	57.3M	-5
RICHMOND WSO	26.4		34.3		38.5		52.0		63.6		70.1		72.3		72.3		69.8		55.0		42.1		32.1			
	30.1	-8.6	37.1	-2.8	42.9	-4.8	58.2	-1	69.1	2.1	75.7	-6	78.3	-2	78.0M	-2	74.8	4.6	62.9	4.2	49.9	1.4	40.4	-7	58.1	-0
DIVISION																										
	30.7	-8.1	38.5	-1.4	43.0	-3.6	56.7	-2	67.6	1.5	73.9	-0	75.5	-9	76.0	-1	73.3	3.6	60.6	1.9	47	-6	40.4	1.2	57.2	-4
WESTERN PIEDMONT 03																										
APPOMATTOX 3 W	29.1		34.7		40.5		55.0		65.7		72.7		75.3		73.3		71.3		58.5		45.8		38.5		55.0	
BEDFORD	33.3		39.6		45.0M		59.1		67.6		72.9		76.3		74.2		71.3		59.2		47.5		41.0		57.3M	
CHARLOTTE COURT HOUSE	30.3		37.1		43.2		57.3		66.0		73.5		76.7		75.0		73.2		60.5		48.7		40.9		56.9	
CHARLOTTESVILLE 2 W	30.2	-7.0	36.7	-1.7	42.3	-3.0	56.6	-0	68.4	2.1	74.0	-3	76.7	-6	76.2	-2	74.2	-4	61.1	1.6	48.1	-3	39.9	1.2	57.0	-3
CHARLOTTESVILLE 1 W	29.6M		37.7M		42.3M		57.0M		68.0M		73.7M		76.1M		76.3M				61.0		48.5M		40.2M			
CHATHAM 2 NE																										
DANVILLE-BRIDGE ST	31.6	-9.0	39.3	-3.2	45.3	-3.5	57.6	-2	68.8	-6	73.2	-7	76.1	-8	74.4	-1.1	73.1	3.5	59.7	-8	47.6	-2	40.9	1.5	56.8	-8
LYNCHFAX 2 SSE	31.3		37.6		43.4		57.1		67.1		74.3		77.1		75.5		74.0		60.4		48.3		40.9		57.3	
MARTINSVILLE FILT PL	29.4	-8.2	36.3	-2.6	41.1	-4.4	56.0	-2	65.9	-6	73.0	-0	75.6	-7	73.8	-1.2	73.1	4.4	60.0	1.8	47.2	-2	39.3	-8	55.9	-8
	30.8		38.5		43.8		57.5		68.2		71.9		75.2		73.8		72.1		58.7		46.2		40.1		56.2	
PHILPOT DAM 2																										
ROCKY MOUNT	29.9		36.7		43.2		56.4		65.4		71.5		74.7		74.0		72.5		58.9		46.6		40.2		55.8	
TRUCKEE MOUNT	29.7	-9.0	36.2	-3.4	41.9	-3.9	56.4	-4	65.7	-8	71.3	-8	74.7	-1.0	73.4	-1.0	72.0	4.2	58.0	-2	45.6	-1.7	39.6	-4	55.4	-1.2
TRUCKEE MOUNT	30.3		36.3		41.9		56.5		65.7		71.6		74.0		73.7M		74.7		59.7		47.3		39.1		56.4M	
RIVER RIVER 1 SE																										
	30.6	-8.4	37.4	-2.6	43.1	-3.2	57.2	-3	66.9	-9	73.1	-4	75.9	-7	74.6	-7	72.8	3.6	59.6	-7	47.3	-6	40.2	-8	56.6	-8
NORTHERN 04																										
ALEXANDRIA CITY GARAGE	28.1		34.1M		39.9		53.5		66.8		73.0		77.3		76.9		73.5		60.7		47.9		38.6		55.9M	
BERRYVILLE	25.5		34.0		38.6		53.4		65.5		70.8		74.1		73.6		69.9		57.8		44.5		36.1		53.7	
BIG MEADOWS	21.0		27.8		31.7		46.2		58.2		63.6M		66.9		60.1M		63.2		50.9		38.4		30.8		47.1M	
CULPEPER	26.9	-9.9	35.8	-2.1	40.2	-5.3	55.4	-7	65.6	-9			75.3	-1.6	73.6M	-1.5	71.0	2.0	58.8M	-0	43.8	-1				

Table 1-Continued

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA
1970

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	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
TIMBERVILLE 3 E	25.6		34.5		39.3		52.8M		66.2		71.1		73.8		73.1		70.4		58.3		44.9		36.7		53.9M	
DIVISION	27.4	- 8.6	34.4	- 2.6	40.3	- 2.8	54.1	- 2	64.7	1.6	69.7	- .8	73.2	- .7	72.5	.0	70.3	3.9	57.0	.9	44.7	- .3	37.6	1.1	53.8	.7
* * *																										
SOUTHWESTERN MOUNTAIN 06																										
ABINGDON 3 S	28.4		36.6		45.1		57.7		65.1		69.9		73.5		73.0		-		59.9		45.7		40.5		-	
BLACKSBURG 3 SE	24.5		31.0		38.7		50.4		60.4		66.5		69.8		68.9		66.6		53.7		41.5		34.9		50.6	
BURKES GARDEN	23.3	- 9.9	30.2M	- 4.1	38.9	- .7	51.1M	1.4	58.9	1.1	63.9M	- 1.0	67.3	- .6	66.3M	- .7	63.1M	1.8	53.3M	1.9	40.2	- .4	35.2M	1.6	49.3M	.8
CHILHOWIE 1 S	23.6		32.3		42.0		53.6		61.6		68.0		71.3		69.9		67.5		55.4		42.1		36.9		52.0	
FLOYD 2 NE	26.6M		34.4		40.8		53.7		60.7M		65.7M		70.3M		68.5M		67.0M		54.6		42.5		37.1		51.8M	
GALAX RADIO WDBB	28.7		35.3		43.9M		54.7		61.9M		67.6		71.7		69.7		68.0		56.1		43.7		39.2		53.4M	
GRUNDY 1 NW	-		-		-		-		61.8M		-		-		-		-		-		-		-		-	
MARION EVAP STATION	26.2		34.5		42.6		55.2		63.4		69.3		72.1		72.0		69.8		57.8		44.5		39.0		53.9	
PENNINGTON GAP	28.1	- 8.0	36.2	- 1.4	45.9	2.3	57.5	3.6	64.8	1.7	69.2	- 1.3	74.7	1.0	73.6	.8	71.3	4.0	59.0	2.5	44.7	.7	40.6	3.8	55.5	.8
PULASKI 2 E	28.9		36.8		42.6		54.7		63.3		68.5		72.6		70.6		68.7		56.6		44.3		38.9		53.9	
ROCKY KNOB	28.9		32.9M		-		-		63.8		67.1M		70.1		69.3M		67.1M		-		-		-		-	
ST PAUL	-		-		-		-		67.5		69.5		72.1		73.2M		71.2		-		-		-		-	
SALTVILLE 1 N	26.6	-10.0	35.2	- 2.5	45.5	1.8	57.5	2.8	65.9	1.7	71.8	.0	74.4	- .3	74.3	.7	71.7	3.8	59.4	2.4	45.9	1.1	38.2	2.1	55.6	.3
STAFFORDSVILLE 3 ENE	-		-		-		-		-		-		-		-		-		-		-		-		-	
WISE 1 SE	26.3		33.3		42.6		56.2		62.5		67.2		70.1		69.8		68.3		56.3		42.8		39.0		52.9	
WYTHEVILLE 1 S	26.2	-10.0	34.6	- 2.5	40.7	- 2.2	53.2	- 2	63.1	1.5	68.4	- .5	71.9	- .0	70.0	- .8	68.6	3.6	57.3	2.3	44.3	- .3	38.2	1.9	53.0	.6
DIVISION	26.6	- 9.0	34.1	- 2.7	42.4	- .3	54.6	1.4	63.0	1.0	68.0	- 1.3	71.6	- .7	70.7	- .6	68.4	2.9	56.6	1.4	43.5	- .2	38.4	2.4	53.2	.4

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

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER WAS PUBLISHED IN THE JANUARY, APRIL, SEPTEMBER, AND DECEMBER 1970 ISSUES OF THIS BULLETIN.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA
1970

TABLE 2

STATION		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
		PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
TIDEWATER 01																											
BACK BAY WL REF		2.69		4.43		2.45		4.77		3.34		2.99		6.94		4.62		1.26		1.28		4.25		3.73		42.75	
BOHANNON 1 NE		2.20		3.75		4.45		3.10		2.21		2.06		7.75		2.44		4.02		1.55		4.02		2.42		39.98	
BOYKINS		2.58		3.72		3.52		3.69		-		-		-		-		2.10		2.23		-		2.56		-	
CAPE HENRY WSD		-		4.58	1.33	-		-		-		-		-		3.93	1.43	-		-		-		-		-	
CHERITON		2.55		1.95		5.42		3.92		1.32		3.15		4.64		3.71		3.43		1.03		2.89		2.19		35.20	
CHINGOCTEAU WL REF		E 2.84	1.47	E 3.79		4.21		2.54		4.09		4.02		2.22		3.44		1.48		2.10		2.43		1.98		32.14	
COLONIAL BEACH		1.77	1.47	2.91	.48	3.93	.73	3.85	.71	2.40	.73	1.61	1.62	3.42	1.13	.32	3.97	2.79	.98	2.23	.75	5.89	3.45	4.47	1.53	35.79	3.76
DIAMOND SPRINGS		2.76	.87	4.47	1.02	3.63	.30	3.33	.04	2.60	1.06	5.14	1.35	3.95	.24	3.07	3.31	1.60	2.88	1.55	1.62	2.55	.78	2.87	.09	39.52	9.02
DRIVER 4 NW		E 3.05		E 4.77		3.18		4.92		2.76		3.04		6.02		1.73		1.69		1.76		2.95		2.55		38.43	
EMPORIA 1 NE		1.89	1.27	2.90	.44	4.49	.92	2.51	.92	1.81	2.21	2.39	1.72	6.40	.22	4.05	.98	1.03	2.98	3.05	.59	1.23	1.36	2.09	.90	33.84	11.25
FORT LEE		1.29		2.48		4.55		3.95		2.55		2.58		11.68		3.27		E 1.13		E 1.75		E 2.87		E 2.30		E 40.40	
FREDERICKSBURG NATL PK		1.33	1.87	3.11	.73	3.03	.25	4.98	1.88	4.25	.69	1.80	1.54	7.16	2.27	1.98	3.12	2.45	1.00	2.90	.45	5.10	3.26	3.04	.24	42.13	.84
HOLLAND 1 E		2.56		4.80		3.54		3.62		2.51		1.58		6.24		4.34		1.72		1.82		2.49		1.61		38.63	
HOPWELL		1.30	1.77	2.39	.37	3.81	.65	3.19	.15	1.89	2.08	3.44	.79	3.83	2.03	4.02	1.08	1.13	2.60	1.72	1.16	3.33	.55	1.78	1.00	31.85	11.83
LANGLEY AIR FORCE BASE		2.77	.46	4.97	1.95	4.66	1.04	4.72	1.69	1.83	1.65	2.83	.27	6.32	.99	4.37	.78	2.56	1.42	1.15	1.72	2.69	.10	3.96	1.33	42.63	.68
NASSAWADOK		2.25		3.56		4.75		3.63		1.71		3.98		7.16		1.38		2.72		1.03		2.22		2.42		36.81	
NELSONIA		2.12		3.60		4.61		1.24		1.22		-		-		-		-		-		-		-		-	
NEWPORT NEWS PRESS BLD		3.61		4.58		4.90		5.75		1.55		3.42		5.57		3.93		3.26		1.26		1.72		2.81		42.36	
NORFOLK WSD		2.27	1.06	3.97	.76	3.37	.08	3.19	.03	2.58	.78	4.10	.49	5.33	.59	2.04	3.93	1.72	2.50	1.30	1.62	2.34	.71	3.01	.27	35.22	9.72
PAINTER 2 W		2.32		3.43		4.93		3.17		2.23		4.72		5.05		1.38		2.35		.91		2.50		2.66		36.25	
PARRAMORE BEACH L B S		2.27		1.91		4.59		6.23		1.15		2.45		5.11		E 2.21		E 1.98		1.43		E 3.09		2.63		E 35.05	
QUANTICO IS		1.90	1.26	3.25	.89	3.23	.01	3.73	2.65	2.74	.73	1.54	1.72	2.91	1.57	2.20	2.68	2.06	1.23	2.84	.11	6.94	4.15	3.32	.52	38.72	1.15
STONY CREEK 4 SW		2.39		2.95		5.73		3.54		2.74		7.60		6.30		3.02		1.24		1.99		2.16		2.12		41.78	
SUFFOLK LAKE KILBY		2.44		4.96		4.20		4.11		1.82		2.17		7.83		2.29		1.59		1.86		2.18		3.30		37.85	
SUNNYBANK		1.59		2.76		3.80		2.82		2.24		-		-		-		-		-		-		-		-	
TANGIER ISLAND		E .95		E .35		1.78		1.25		1.00		3.00		3.00		-		-		-		-		-		-	
URBANNA		1.66		2.41		4.69		2.84		2.57		2.75		4.45		3.01		2.03		1.50		4.82		2.88		35.61	
WAKEFIELD 1 NW		2.03		3.20		4.07		4.22		1.94		4.45		1.74		1.74		1.82		1.40		3.22		3.02		40.60	
WALKERTON 2 N		1.33		1.93		3.04		2.90		1.93		1.52		4.92		.99		1.97		1.50		4.11		2.47		28.61	
WALLACETON LK DRUMMOND		3.00	.64	5.51	1.86	3.33	.62	3.98	.22	2.72	1.26	2.23	2.26	8.02	1.29	2.35	3.57	2.04	2.33	1.41	1.79	2.24	1.21	3.18	.10	40.01	10.41
WALLOPS ISLAND WSD		2.41		4.18		4.77		2.70		2.34		2.71		4.83		.99		1.20		1.40		2.19		2.71		32.43	
WARSAW 2 NW		1.16		1.92		3.27		2.72		3.37		4.33		5.36		.57		1.27		1.70		5.25		2.63		33.56	
WEST POINT 2 SW		E 1.34		2.36		3.89		2.74		1.61		2.46		5.36		1.30		2.30		1.56		4.41		2.25		E 31.60	
WILLIAMSBURG 2 N		1.96		2.78		4.56		3.08		2.37		2.41		8.06		2.28		2.15		1.65		4.72		2.37		38.39	
DIVISION		2.09	1.28	3.24	.22	4.01	.48	3.58	.35	2.29	1.32	3.14	.43	5.83	.42	2.47	2.90	2.05	1.83	1.65	1.41	3.52	.54	2.76	.08	36.62	7.24
* * *																											
EASTERN PIEDMONT 02																											
AMELIA COURT HOUSE		2.02		3.08		2.53		3.57		1.01		.64		9.22		2.51		.99		3.11		3.59		2.04		34.31	
ASHLAND 1 SW		E 1.21		-		-		-		-		-		-		-		-		-		-		-		-	
BLACKSTONE FAA AP		1.36		3.09		3.39		2.80		1.48		3.74		5.86		2.78		.43		3.75		3.43		2.13		34.24	
BREMO BLUFF		.88		2.94		3.71		3.04		2.95		.77		2.80		2.38		.77		3.49		4.43		2.13		29.29	
BUCKINGHAM		.89		2.60		3.65		2.99		2.42		1.13		7.12		3.83		1.13		4.30		3.89		1.94		35.64	
CHASE CITY		1.44		2.70		3.80		3.14		1.65		.55		1.17		3.68		1.10		3.31		3.20		2.60		28.34	
CLARKSVILLE		1.33	2.33	3.56	.24	3.19	.31	3.10	.71	2.06	1.55	3.93	.20	2.16	2.78	3.97	1.34	1.71	2.14	2.50	.23	3.09	.17	2.93	1.19	32.91	12.71
COLUMBIA		1.02	2.22	3.40	.76	3.19	.28	2.87	.62	1.66	2.13	.67	2.54	3.29	1.34	2.16	2.13	1.04	2.74	3.61	.67	3.92	1.19	3.32	.61	29.10	11.99
CORBIN		1.28		3.35		3.91		4.24		2.38		2.25		6.34		1.45		2.01		3.08		6.17		2.14		39.60	
FARMVILLE 2 N		1.49	2.31	3.28	.03	2.96	1.02	3.70	.06	1.67	2.35	.87	3.44	7.31	2.49	3.07	1.62	1.63	2.17	3.64	.68	4.45	1.36	2.26	.92	36.33	9.21
GORDONVILLE 3 S		1.00		2.47		2.95		2.41		1.50		.70		5.80		2.47		1.68		3.92		4.53		2.66		32.09	
JOHN H KERR DAM		1.28		2.97		3.53		3.24		1.93		3.40		4.70		3.53		1.78		3.00		3.59		2.15		35.04	
LAWRENCEVILLE 5 W		1.38		3.15		4.31		2.95		2.16		3.49		6.84		4.55		.82		3.34		2.37		2.34		39.70	
LOUISA		1.53		2.81		3.																					

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA
1970

TABLE 2 - CONTINUED

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	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
FALLS CHURCH 2 SW	1.33		2.58		3.31		4.62		2.13		2.40		6.32		2.41		2.18		2.40		5.94		3.45		39.07	
GROVETON	1.17		3.46		3.29		6.95		3.71		2.48		4.02		1.29		1.50		2.57		5.76		3.17		39.31	
LINCOLN	1.88	2.15	3.39	.65	3.23	.55	5.17	1.64	2.26	1.90	2.09	1.50	7.13	2.87	3.17	1.57	1.44	1.89	3.19	.28	5.12	3.24	3.25	.13	41.32	1.31
LURAY 5 E	1.20		2.17		2.31		2.85		2.37		3.96		8.45		2.45		1.72		3.11		5.23		3.43		41.29	
MANASSAS	2.56		2.91		2.30		3.95		2.39		3.38		7.03		1.30		1.57		3.39		5.46		3.03		39.27	
MOUNT WEATHER	1.10	1.57	2.17	.16	2.24	1.02	4.44	1.13	1.91	2.38	4.04	.48	7.24	3.41	1.09	3.40	1.09	2.68	4.15	.45	6.56	3.67	2.97	.34	39.00	1.73
PIEDMONT FIELD STATION	1.39		2.35		2.82		3.89		3.43		1.27		6.03		1.30		1.59		3.61		4.71		2.65		35.04	
RAPIDAN	1.80		2.63		3.14		3.14		3.93		1.28		6.55		1.18		2.16		3.82		3.15		3.12		37.90	
RIVERTON	3.71	1.31	1.81	.18	2.04	.82	3.13	.25	2.12	1.75	4.83	1.62	6.38	3.00	2.43	1.33	.83	2.03	5.83	2.44	5.75	3.38	2.54	.16	41.42	6.05
SOMERSET	1.41		2.76		2.45		3.95		2.75		1.07		6.36		2.32		1.67		4.34		4.99		2.62		35.62	
THE PLAINS 2 NNE	.88		2.62		2.66		4.31		3.10		2.57		10.05		2.20		1.06		3.03		5.34		2.99		41.01	
VIENNA DUNN LORING	1.27		2.96		2.93		4.37		2.04		3.73		5.48		2.23		1.02		2.80		5.47		3.45		37.75	
WASHINGTON 3 SE	1.09		.78		2.87		3.94		2.65		2.00		7.76		2.78		1.63		4.50		5.48		2.58		38.00	
WASHINGTON	.72		1.85		2.12		3.34		2.39		4.77		6.29		2.52		.92		6.44		9.17		2.69		43.22	
WASH DC-DULLES WSD	1.32		2.76		2.98		4.19		2.86		2.48		6.00		2.65		1.03		2.79		6.00		3.88		38.94	
WASHINGTON NAT AP WSD	1.24	1.79	2.69	.22	2.82	.39	3.35	2.20	2.79	1.35	2.80	.41	8.12	3.97	1.09	3.81	1.57	2.26	2.05	1.02	5.77	2.93	3.33	.55	39.62	1.16
HAVERLY HILLS	1.35		3.11																							
WINCHESTER 1 N	.86	1.53	2.13	.01	3.30	.14	4.36	1.25	1.69	2.41	4.95	1.25	5.64	1.40	3.70	.40	1.00	1.97	3.39	.06	7.15	4.56	3.21	.73	41.44	2.97
WOODSTOCK	.75	1.51	1.90	.16	2.60	.20	2.89	.06	1.15	2.66	4.43	.80	8.26	4.46	2.78	1.48	1.56	1.27	2.21	.69	3.42	1.29	2.39	.17	34.36	1.13
DIVISION	1.30	1.51	2.55	.20	2.82	.55	4.20	.87	2.54	1.59	3.26	.41	6.83	2.52	2.65	1.91	1.53	1.90	3.62	.17	5.99	3.16	3.03	.23	40.32	.72
CENTRAL MOUNTAIN 05																										
BUCHANAN	1.78	1.47	2.14	.79	2.19	1.62	1.84	1.51	2.15	1.89	2.24	2.08	3.88	.53	5.00	.33	1.83	1.88	4.95	1.53	3.99	.90	1.70	1.50	33.69	10.51
BUENA VISTA	1.65		2.36		2.15		3.30		3.65		1.56		3.21		1.85		1.03		3.21		4.89		2.47		33.23	
CATAMBA SANATORIUM	1.49	1.64	2.14	.76	2.09	1.52	2.97	.41	1.53	2.49	5.41	1.39	4.01	.55	5.38	.87	2.03	1.65	7.15	3.98	4.35	1.76	1.81	1.12	40.36	2.14
CLIFTON FORD	1.62	1.37	2.57	.28	2.18	1.74	3.17	.09	1.69	2.29	2.58	1.13	3.52	.28	2.38	.85	1.28	2.03	5.26	2.32	3.85	1.11	1.89	1.08	33.23	7.51
CODDIES STORE	.72		1.98		3.22		3.12		2.27		4.54		5.10		2.38		2.58		3.51		3.70		2.10		35.22	
COVINGTON	1.26		2.18		1.78		3.07		.68		4.17		5.83		2.17		1.73		2.76		2.57		1.50		29.70	
COVINGTON FILT PLANT	1.32		1.66		1.91		3.05		.71		5.31		4.67		2.86		1.98		2.81		2.78		2.16		31.22	
CRAIGSVILLE	1.29		2.62		2.62		3.49		2.18		2.36		3.33		3.17		.99		3.92		4.49		2.49		33.25	
DALE ENTERPRISE	.90	1.26	1.86	.09	2.21	.68	2.90	.31	2.96	1.04	1.85	1.94	3.73	.84	4.35	.21	2.36	.75	4.01	1.38	3.15	1.05	1.30	.93	31.78	4.56
DEERFIELD 1 S	1.07		2.48		2.56		3.42		1.47		2.56		3.94		2.04		1.10		4.00		4.44		1.71		30.83	
GLASGOW 1 SE	1.59		4.40		2.50		3.21		2.89		.79		3.67		3.92		1.78		10.14		4.75		2.25		41.89	
GOSHEN	1.25		3.57		2.42		3.51		1.28		1.52		3.03		2.70		1.32		5.66		5.37		2.26		33.95	
HOT SPRINGS	1.13	1.86	2.90	.06	2.35	1.54	3.44	.32	2.21	1.46	3.27	.90	7.40	.52	3.30	1.35	1.99	1.23	5.56	2.62	4.14	1.37	2.54	.34	37.57	3.81
KERRS CREEK 1 WSH	1.67		3.25		2.24		3.52		1.22		2.82		1.88		2.51		.41		6.45		3.68		1.87		31.52	
LEXINGTON	1.36	1.70	2.11	.64	2.33	1.28	3.12	.09	1.83	1.72	1.46	2.12	4.47	.29	2.69	1.34	.85	2.54	5.00	2.13	4.05	1.39	1.96	.95	31.25	8.39
MC DONWELL	1.35		2.13		2.18		2.78		.82		1.53		7.22		2.65		1.11		3.54		2.64		2.41		30.36	
MONTREY	.67		3.12		2.84		3.75		.76		3.76		4.33		3.44		1.11		1.42		3.82		2.60		34.62	
NEW CASTLE	1.58		1.94		1.77		2.13		2.71		2.15		4.52		4.42		.64		5.09		3.69		1.38		32.16	
NORTH RIVER DAM	1.02	1.66	2.76	.39	2.94	.40	3.08	.13	2.49	1.44	2.88	1.33	3.84	1.18	4.22	.67	1.12	2.57	6.90	3.88	4.38	1.67	3.68	1.07	39.31	2.45
PEAKS OF OTTER	2.32		4.56		2.95		4.91		4.64		2.44		2.66		5.77		1.66		11.69		7.16		2.51		53.27	
ROADNOKE WSD	1.31	1.81	2.36	.50	1.95	1.58	2.80	.30	1.51	2.28	4.87	1.07	3.28	.97	6.40	1.77	1.90	1.27	7.51	4.30	3.67	.97	2.81	.17	40.46	.77
STAUNTON SEWAGE PLANT	1.16	1.51	2.38	.27	2.35	.82	3.09	.11	1.95	1.79	2.05	1.64	3.31	.70	3.88	.08	1.29	2.00	4.27	1.44	4.01	1.60	1.92	.78	31.66	5.76
STUARTS DRAFT	1.13		1.85		1.94		3.11		2.43		.67		2.97		1.61		.51		4.82		5.15		1.89		28.08	
TIMBERVILLE 3 E	.80	1.38	1.84	.19	2.76	.18	2.99	.27	1.71	2.05	4.37	.85	7.05	2.80	4.73	.69	1.67	1.73	3.00	.39	3.40	1.27	2.81	.64	37.15	1.38
DIVISION	1.30	1.60	2.46	.15	2.36	1.13	3.44	.37	2.00	1.86	3.37	.50	4.19	.16	4.36	.08	1.71	1.66	5.22	2.20	4.05	1.44	2.19	.64	36.65	3.77
SOUTHWESTERN MOUNTAIN 06																										
ABINGDON 3 S	3.29		2.51		2.48		6.85		1.95		3.02		3.69		6.50		2.39		4.11		2.77		3.53		42.69	
ALLISONIA	1.16		1.06		1.00		3.53		3.33		2.78		3.35		3.70		1.00		3.32		1.11		1.35		25.69	
BLACKSBURG 3 SE	1.40		1.98		2.00		3.32		2.09		3.80		7.25		5.44		2.78		3.52		3.57		2.45		39.20	
BLAND	1.70		1.33		1.95		3.65		.95		7.20		2.15		6.45		2.55		4.40		2.15		2.30		36.78	
BURKES GARDEN	2.86																									

TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA
1970

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Table 3—Continued

TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA
1970

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
WINCHESTER 1 N WOODSTOCK	95 96	7-2 7-2	-2 -3	1-9 1-9+	2-27 3-17	16 16	3-30 3-17	19 16	3-30 3-30	19 22	3-30 4-8	19 26	4-11 5-7	30 29	10-17 10-18	31 32	11-17 11-17	24 21	11-17 11-17	24 21	11-24 11-24	17 14	11-25 11-24	12 14	271 252	239 252	232 232	232 223	189 164
* * *																													
CENTRAL MOUNTAIN 05																													
BUCHANAN	99	7-3+	0	1-9	3-17	16	3-17	16	3-28	24	4-8	26	5-7	30	10-5	30	10-17	26	11-17	20	11-17	20	11-24	14	252	245	234	192	151
CATAWBA SANATORIUM	100	7-4	-3	1-9	3-17	15	3-17	15	3-17	15	4-8	28	4-8	29	10-17	30	11-17	20	11-17	20	11-17	20	11-24	10	252	245	245	226	192
COVINGTON FILT PLANT	95	7-2+	-1	1-9	3-17	15	3-17	15	3-28	23	4-8	25	5-7	29	10-5	28	10-5	28	10-18	23	11-17	19	11-24	13	252	245	204	180	151
DALE ENTERPRISE	98	7-3	-10	1-8	3-17	14	3-17	14	3-28	24	5-7	28	5-7	28	10-18	29	11-17	20	11-17	20	11-17	20	11-24	10	252	245	234	194	164
HOT SPRINGS	93	7-4	-5	1-10	3-18	16	3-18	16	3-18	16	4-9	28	5-8	30	10-17	30	11-17	20	11-17	20	11-17	20	11-24	8	251	244	244	222	162
LEXINGTON	99	7-1	-2	1-22	3-17	16	3-17	16	3-28	23	4-8	25	5-7	30	10-5	32	10-18	26	11-17	20	11-17	20	11-24	13	252	245	234	193	151
MONTREY	91	7-3+	-13	1-9	3-18	15	3-18	15	5-7	24	5-7	24	5-8	30	10-15	30	10-18	27	10-24	14	10-24	14	10-24	14	220	220	170	164	160
PEAKS OF OTTER	97	7-1	-1	1-9	3-17	16	3-17	16	3-17	16	4-8	28	4-8	31	10-17	28	10-17	28	11-17	20	11-17	20	11-24	7	252	245	245	195	192
ROADKNE WSD	97	7-1	-1	1-9	2-26	8	3-17	18	3-28	24	4-8	26	4-8	26	10-18	29	11-16	26	11-17	22	11-23	14	11-23	14	270	251	234	222	193
STAUNTON SEWAGE PLANT	94	7-2	-6	1-9	3-17	13	3-17	13	4-8	24	4-22	25	5-7	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TIMBERVILLE 3 E	95	7-2	-14	1-8	3-17	15	3-17	15	3-27	24	4-8	26	5-6	29	10-17	30	10-18	28	11-17	21	11-23	20	11-24	15	252	251	235	193	164
* * *																													
SOUTHWESTERN MOUNTAIN 06																													
ABINGDON 3 S	92	7-29+	-11	1-22	3-16	11	3-16	11	3-17	21	4-8	27	5-7	31	-	-	11-17	21	11-24	9	11-24	9	253	253	245	-	-	-	-
BLACKSBURG 3 SE	90	7-2	-12	2-4+	3-17	10	3-28	19	4-10	23	5-7	26	5-7	26	9-29	32	10-5	26	10-18	22	11-17	15	11-17	15	245	234	191	151	145
BURKES GARDEN	86	7-29	-24	2-4	3-17	11	4-8	19	5-7	23	5-7	23	5-19	31	9-29	31	10-4	28	10-5	24	10-18	16	10-18	16	215	193	151	150	123
CHILDWIE 1 S	92	7-2	-16	1-22	3-16	13	3-17	19	4-8	22	5-7	27	5-8	31	9-29	32	10-5	27	10-17	22	10-18	19	11-24	8	253	215	192	151	144
FLOYD 2 NE	90	7-1	-8	1-9	3-17	12	4-8	20	4-8	20	5-7	28	5-19	32	9-29	28	9-29	28	10-17	23	10-18	18	11-17	13	245	193	192	145	123
GALAX RADIO WBOB	90	7-4+	-5	1-9	3-17	15	3-17	15	4-8	22	4-8	22	5-7	30	10-5	29	10-17	27	10-18	22	11-17	16	11-17	16	245	245	193	192	151
GLEN LYN	-	-	-	-	3-16	16	3-17	18	3-17	18	4-8	27	5-7	31	10-17	29	10-18	26	-	-	-	-	-	-	-	-	-	-	-
GRUNDY 1 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARION EVAP STATION	94	8-31	-11	1-22	3-16	14	3-17	19	4-8	23	5-7	30	10-5	32	10-17	25	10-18	20	10-18	20	11-24	7	253	215	193	192	151	-	-
PENNINGTON GAP	96	7-26	-11	1-22	3-16	13	3-16	13	3-17	23	4-8	26	5-7	31	10-5	32	10-16	25	11-17	16	11-17	16	11-17	16	246	246	245	191	151
PULASKI 2 E	93	7-3	-5	1-9	3-17	13	3-17	13	4-8	21	5-7	28	5-7	28	10-5	28	10-5	28	10-18	20	10-18	20	11-17	15	245	215	193	151	151
ROCKY KNOB	86	5-22+	-11	1-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST PAUL	105	5-21	-	-	-	-	-	-	-	-	-	-	-	-	5-7	32	10-4	31	-	-	-	-	-	-	-	-	-	-	-
SALTVILLE 1 N	94	7-2	-6	1-22	2-27	9	3-17	20	3-17	20	4-8	28	4-8	28	10-18	27	10-18	27	11-17	23	11-24	11	11-24	11	270	252	245	193	192
STAFFORDSVILLE 3 ENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WISE 1 SE	87	7-29+	-13	2-4	3-16	11	3-16	11	4-5	24	4-5	24	5-7	31	10-17	23	10-17	23	10-17	23	11-17	17	11-23	12	252	246	195	195	163
WYTHEVILLE 1 S	91	7-29	-9	1-9	3-17	10	4-8	18	4-8	18	5-7	28	5-7	28	9-29	32	10-5	28	10-18	21	11-17	18	11-24	9	252	223	193	151	145

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
* * * TIDEWATER 01													
HOLLAND 1 E	EVAP	-	-	-	4.828	7.40	8.04	6.988	7.14	6.26	4.05	-	-
	DEP	-	-	-	-	.42	.31	.71	.54	1.34	.48	-	-
	WIND	-	-	-	20388	1650	1343	1064	920	1092	1414	-	-
	MAX	-	-	-	72.1	85.7	90.5	94.4	91.7	90.9	75.2	-	-
	MIN	-	-	-	49.1	59.2	65.7	70.4	70.5	65.3	54.5	-	-
* * * EASTERN PIEDMONT 02													
JOHN H. KERR DAM	EVAP	-	-	-	4.718	6.62	7.738	6.02	5.508	5.86	-	-	-
	WIND	-	-	-	11228	1087	1088	905	700	840	-	-	-
* * * WESTERN PIEDMONT 03													
PHILPOT DAM 2	EVAP	-	-	-	4.378	5.34	4.97	4.548	4.25	3.95	3.598	-	-
	WIND	-	-	-	8548	352	405	309	209	327	2768	-	-
* * * SOUTHWESTERN MOUNTAIN 06													
MARION EVAP STATION	EVAP	-	-	-	4.688	-	6.278	5.988	5.518	4.218	3.258	-	-
	WIND	-	-	-	1487	853	787	795	656	569	1011	1184	-
	MAX	-	-	-	78.8	84.3	87.9	88.2	88.0	84.4	69.0	52.1	-
	MIN	-	-	-	38.6	55.7	63.6	66.2	65.9	63.3	50.5	40.6	-

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

STATION INDEX

VIRGINIA
1970

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record				Refer to tables	
								Temp.	Precip.	Month opened	Month closed		
ABINGDON	0013	04	WASHINGTON	8	36 42	82 00	2000					1 2 3	C
ABINGDON 3 S	0021	04	WASHINGTON	8	36 40	81 58	1920					1 2 3	C
ALEXANDRIA CITY GARAGE	0090	04	CLARKE	13	36 48	77 05	70	13	13			1 2 3	C
ALDISONIA	0138	04	PULASKI	11	36 56	80 45	1070					1 2 3	C
ALTAVISTA	0166	03	CAMPBELL	15	37 06	79 18	510		25			2 3	C
AMELIA COURT HOUSE	0187	02	AMELIA	2	37 21	77 59	350					1 2 3	C
AMISVILLE	0193	04	RAPPAHANNOCK	14	37 41	01 00	250					1 2 3	C
APPOMATTOX 3 W	0243	03	APPOMATTOX	9	37 22	78 53	929		32			1 2 3	C
ASHLAND 1 SW	0327	02	HANDOVER	9	37 49	77 29	220		58			1 2 3	C
BACK RAY 4L REF	0365	01	PRINCESS ANN	2	36 40	75 55	9	18	18			1 2 3	C
BEDFORD	0551	03	BEDFORD	15	37 21	79 31	975		42			1 2 3	C
BEARVILLE	0670	04	CLARKE	16	39 09	77 59	380		19			1 2 3	C
BIG HEADS	0700	04	PAGE	11	36 56	80 45	1070					1 2 3	C
BLACKSBURG 3 SE	0766	04	MONTGOMERY	11	37 11	80 25	2000		19			1 2 3	C
BLACKSTONE FFA AP	0772	02	NOTTOWAY	12	37 05	77 57	440		25			1 2 3	C
BLACKSTONE WATER WORKS	0778	02	NOTTOWAY	12	37 05	78 01	423					1 2 3	C
BLAND	0792	04	BLAND	11	37 06	81 07	2000		20			1 2 3	C
BLANDMAN 1 NE	0835	01	MATHES	5	37 25	76 21	8	20	20			1 2 3	C
BOYKINS	0956	01	SOUTHWAMPTON	10	36 39	77 12	46	17	17			1 2 3	C
BREND BLUFF	0993	02	FLUVANNA	9	37 42	78 18	225		30			1 2 3	C
BRISTOL	1037	06	WASHINGTON	8	36 36	82 10	1999		36			1 2 3	C
BROCKMEAL	1082	03	CAMPBELL	15	37 03	78 57	900		21			1 2 3	C
BUCHANAN	1121	05	BOTETOURT	9	37 32	79 41	870		52			1 2 3	C
BUCKINGHAM	1136	02	BUCKINGHAM	15	36 50	78 29	810		23			1 2 3	C
BUREN VISTA	1159	05	ROCKBRIDGE	9	37 43	79 23	640		33			1 2 3	C
BURKES GARDEN	1209	06	TAZEWELL	11	37 05	81 20	3300		73			1 2 3	C
BYLESBY 3 W	1259	06	CARROLL	11	36 48	80 59	2013		3			1 2 3	C
CANE HENRY WSD	1362	01	PRINCESS ANN	2	36 47	75 55	18	96	96			1 2 3	C
CATAWA SANATORIUM	1471	05	ROANOKE	9	37 28	80 05	1690		59			1 2 3	C
CHARLOTTE COURT HOUSE	1585	03	CHARLOTTE	15	37 03	78 38	560		24			1 2 3	C
CHARLOTTESVILLE 2 W	1593	03	ALBEMARLE	9	38 02	78 31	870		67			1 2 3	C
CHARLOTTESVILLE 1 W	1598	03	ALBEMARLE	9	38 02	78 31	940		20	9	20	1 2 3	C
CHASE CITY	1616	03	MECKLENBURG	15	36 50	78 29	810		23			1 2 3	C
CHATHAM 2 NE	1614	03	PITTSYLVANIA	7	36 50	79 22	700		47			1 2 3	C
CHERITON	1636	01	NORTHAMPTON	2	37 17	75 58	11	34	43			1 2 3	C
CHILWIS 1 S	1675	06	SMITH	8	36 47	81 41	2000		19			1 2 3	C
CHINCOTEAGUE WL REF	1687	01	ACCOMACK	2	37 59	75 21	11	9	9			1 2 3	C
CHURCHVILLE	1708	05	AUGUSTA	16	38 14	79 10	1479		79			1 2 3	C
CLARKSVILLE	1746	02	MECKLENBURG	15	36 50	78 29	810		23			1 2 3	C
CLIFTON FORGE	1801	05	ALLEGANY	9	37 49	79 50	1053		46			1 2 3	C
CLINCH	1808	06	DICKENSON	3	37 10	82 19	1930		20			1 2 3	C
COLONIAL BEACH	1913	01	WESTMORELAND	13	38 10	78 38	310		8			1 2 3	C
COLUMBIA	1929	02	GODCHLAND	9	37 46	78 09	300		68			1 2 3	C
CONCORD 3 S	1935	03	CAMPBELL	15	37 07	78 58	850		21			1 2 3	C
COTTES STONE	1986	05	ROCKINGHAM	16	38 38	78 31	1070		28			1 2 3	C
COPPER HILL 1 NNE	1999	06	FLOYD	11	37 06	80 08	2720		29			1 2 3	C
CORBIN	2009	02	CARDINIA	14	38 12	77 22	220		12			1 2 3	C
COVINGTON	2044	05	ALLEGANY	9	37 48	80 00	1230		10			1 2 3	C
COVINGTON FILT PLANT	2044	05	AUGUSTA	9	38 09	79 23	1600		8			1 2 3	C
CRAIGSVILLE	2064	05	AUGUSTA	9	38 09	79 23	1600		8			1 2 3	C
CULPEPER	2155	04	CULPEPER	14	38 29	77 59	475		61			1 2 3	C
DALE ENTERPRISE	2208	05	ROCKINGHAM	16	38 27	78 56	1400		88			1 2 3	C
DANMUSC	2245	04	WASHINGTON	8	36 36	82 10	1999		36			1 2 3	C
DANVILLE-BRIDGE ST	2245	03	PITTSYLVANIA	7	36 50	79 22	700		47			1 2 3	C
DAVENPORT 2 NE	2249	06	BUCHANAN	3	37 07	82 06	1400		44			1 2 3	C
DEERFIELD 1 S	2315	05	AUGUSTA	3	37 18	79 22	1720		28			1 2 3	C
DELAWARE 1 NW	2320	04	FAUQUIER	13	38 10	78 00	2200		33			1 2 3	C
DIAMOND SPRINGS	2368	01	PRINCESS ANN	5	36 54	76 12	25	62	62			1 2 3	C
DRIVER 4 NE	2504	01	NANSEMOND	2	36 59	76 29	17	28	28			1 2 3	C
ELKWOOD 6 SE	2729	04	CULPEPER	14	38 27	77 46	300		30			1 2 3	C
EMORIA 1 NW	2790	01	GREENSVILLE	10	36 41	77 33	100		40			1 2 3	C
FALLS CHURCH 2 SW	2792	04	FAIRFAX	13	38 10	78 00	320		22			1 2 3	C
FARMVILLE 2 N	2941	02	CUMBERLAND	1	37 20	78 23	450		49			1 2 3	C
FLOYD 2 NE	3071	06	FLOYD	11	36 56	80 18	2600		38			1 2 3	C
FORT LEE	3127	01	PRINCE GEORG	1	37 14	77 20	60	21	21			1 2 3	C
FREDERICKSBURG NATL PK	3192	01	SPOTSYLVANIA	14	38 18	77 28	100		79			1 2 3	C
FREE UNION	3213	03	ALBEMARLE	9	38 09	78 34	984		16			1 2 3	C
GALAX RADIO WBOB	3267	04	CARROLL	11	36 40	80 55	2385		16			1 2 3	C
GALAX WATER PLANT	3272	06	CARROLL	11	36 39	80 55	2360		4			1 2 3	C
GLASGOW 1 SE	3375	05	ROCKBRIDGE	9	37 37	79 26	740		4			1 2 3	C
GLEN LYN	3397	06	GILES	11	37 22	80 52	1524		38			1 2 3	C
GORDONSVILLE 3 S	3446	02	LOUISA	17	38 06	78 10	435		10			1 2 3	C
GOSHEN	3479	01	ROCKBRIDGE	9	37 59	79 30	1350		31			1 2 3	C
GROSECLOSE	3623	06	SMITH	8	36 52	81 20	2990					1 2 3	C
GROVETON	3635	04	FAIRFAX	13	38 46	77 00	245		20			1 2 3	C
GRUNDY 1 NW	3640	06	BUCHANAN	3	37 18	82 06	1240		10			1 2 3	C
HALIFAX 2 SSE	3695	03	HALIFAX	7	36 44	78 55	500		16			1 2 3	C
HAYS	3863	06	DICKENSON	3	37 12	82 17	1380					1 2 3	C
HERNDON	3929	04	LOUDBON	13	38 58	77 23	370		28			1 2 3	C
HILLSVILLE 1 S	3971	06	CARROLL	11	36 44	80 44	2385		28			1 2 3	C
HOLCOMBS ROCK	4039	03	BEDFORD	9	37 30	79 16	600		31			1 2 3	C
HOLLAND 1 E	4044	01	NANSEMOND	4	36 41	76 81	59	1930		21		1 2 3	C
HONAKER	4078	03	RUSSELL	6	37 01	81 39	1930					1 2 3	C
HOPWELL	4101	01	PRINCE GEORG	9	37 18	77 18	40	78	93			1 2 3	C
HOT SPRINGS	4128	06	BATH	10	36 00	78 50	2200		21			1 2 3	C
HUDDLESTON 2 SW	4148	03	BEDFORD	15	37 09	79 30	1000		21			1 2 3	C
HURLEY	4180	06	BUCHANAN	3	37 23	82 01	990					1 2 3	C
INDEPENDENCE 2	4234	06	GRAYSON	11	36 38	81 10	2400		18			1 2 3	C
INDIAN VALLEY	4246	06	FLOYD	11	36 54	80 34	2700					1 2 3	C
JOHN PLANNAGAN RESV.	4410	06	DICKENSON	3	37 14	82 21	1482					1 2 3	C
JOHN KERR DAM	4414	02	MECKLENBURG	15	36 36	78 17	323		22	19		1 2 3	C
JORDAN MINES 1 NE	4432	05	ALLEGANY	9	37 41	80 06	1400					1 2 3	C
KERRS CREEK 1 WSW	4565	05	ROCKBRIDGE	9	37 51	79 28	1325		9			1 2 3	C
LAFAYETTE 1 NE	4676	06	MONTGOMERY	11	37 14	80 13	1880		20			1 2 3	C
LANGLEY AIR FORCE BASE	4720	01	BRUNSWICK	5	37 02	76 21	10	85	134			1 2 3	C
LAWRENCEVILLE 5 W	4768	02	ROCKINGHAM	16	38 46	77 56	300		25			1 2 3	C
LEXINGTON	4876	05	ROCKBRIDGE	9	37 47	78 26	1060		92			1 2 3	C
LINCOLN	4909	04	LOUDBON	13	39 07	77 43	500		69			1 2 3	C
LOUISA	5030	02	LOUISA	17	38 02	78 00	420		55			1 2 3	C
LURAY 5 E	5096	04	PAGE	11	36 40	78 23	1200		29			1 2 3	C
LYNCHBURG WSD	5120	03	CAMPBELL	9	37 20	79 12	914		99			1 2 3	C
MANASSAS	5213	04	PR WILLIAM	13	38 47	77 30	330		23			1 2 3	C
MARION EVAP STATION	5271	06	SMITH	8	36 49	81 31	2100		11			1 2 3	C
MARTINSVILLE FILT PL	5300	03	HENRY	7	36 42	79 53	760		32			1 2 3	C
MC DOWELL	5414	05	HIGHLAND	9	38 20	79 30	2000					1 2 3	C
MC GAVESVILLE 2 S	5423	05	ROCKINGHAM	16	38 21	78 44	1090					1 2 3	C
MEADOWS OF DAN 5 SW	5453	03	PATRICK	7	36 40	80 27	1500					1 2 3	C
MENDOTA	5501	06	WASHINGTON	8	36 42	82 19	1330					1 2 3	C
MONTEBELLO 3 NE	5693	03	NELSON	9	37 59	79 00	2450					1 2 3	C
MONTEBELLO FISH NRSY	5693	03	NELSON	9	37 51	79 05	1875					1 2 3	C
MONTREY													

REFERENCE NOTES

VIRGINIA
1970

Additional information regarding the climate of Virginia may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Agronomy Department, Virginia Polytechnic Institute, Blacksburg, Virginia 24061, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA VIRGINIA."

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

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

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

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

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

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

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

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

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

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.

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

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

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

USCOMM-NOAA-ASHEVILLE-3/16/71-1000

