



# CLIMATOLOGICAL DATA

VIRGINIA

U.S. DEPARTMENT OF COMMERCE

MAURICE H. STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

ANNUAL SUMMARY 1969

Volume 79 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	38.2		39.7		44.0		58.2		65.1		74.7		78.7		76.6		71.6		64.2		50.5		41.2		58.6	
BOHANNON 1 NE	36.0		37.7		43.1		59.1		65.7		75.5		79.0		75.8		70.2M		61.6		48.8		39.2		57.6M	
BOYKINS	38.2		40.8M		45.1		60.4M				76.5		78.7		75.8M		68.5		59.5M		48.4M		40.1M			
CAPE HENRY WB CITY	37.6	- 5.0	38.2	- 4.2	43.1	- 4.8	59.8	- 4.8	64.3	- 4.8	74.7	- 4.8	78.7	- 4.8	75.8	- 4.8	68.5	- 4.8	59.5M	- 4.8	48.4M	- 4.8	39.2	- 4.8	57.6M	- 4.8
CHERTON	38.1		39.1		42.8M		56.5		65.4		75.0		79.2M		76.4		69.4		62.2		48.5		43.7M		58.0M	
CHINCOTEAGUE WL REF	35.2		37.7M		40.3M		55.0M		63.9M		74.0		75.1		71.4		69.0		61.7M		55.7		43.0M		56.6M	
COLDWATER BEACH					41.8	- 3.2	58.5	- 3.2	67.3	- 3.2	76.2	- 3.2	79.2	- 3.2	76.3	- 3.2	69.3	- 3.2	59.9	- 3.2	48.7M	- 3.2	39.8	- 3.2	57.3	- 3.2
DIAMOND SPRINGS	36.3	- 7.4	38.6	- 5.4	43.5	- 6.5	57.3	- 6.5	63.9	- 6.5	74.9	- 6.5	78.0	- 6.5	75.4	- 6.5	70.0	- 6.5	61.2	- 6.5	48.9	- 6.5	39.8	- 6.5	57.3	- 6.5
FORT LEE	37.1		38.1		43.3		58.2		67.4		77.5		77.8		74.5		68.7		60.5		49.7		36.9		57.5	
FREDERICKSBURG NATL PK	34.1	- 3.0	37.0	- 1.0	42.4M	- 2.6	58.8	- 2.6	66.6	- 2.6	75.6M	- 2.3	77.7M	- 2.3	74.5	- 2.3	68.7	- 2.3	57.6	- 2.3	46.1	- 2.3	35.2	- 2.3	56.2M	- 2.3
HOLLAND 1 E	36.8		39.4		44.2		58.3		65.7		76.5		78.2		74.9		69.7		60.6		48.7		39.3		57.7	
HOPWELL	37.3	- 4.2	40.1	- 2.6	45.7	- 3.6	61.8	- 3.6	69.0	- 3.6	77.1	- 3.6	79.3	- 3.6	76.2	- 3.6	69.9M	- 3.6	60.4	- 3.6	49.8	- 3.6	39.3	- 3.6	58.8M	- 3.6
LANGLEY AIR FORCE BASE	37.9	- 3.6	39.5	- 2.5	44.5	- 3.8	59.0	- 3.8	66.6	- 3.8	76.7	- 3.8	79.1	- 3.8	75.5	- 3.8	67.0M	- 3.8	60.4	- 3.8	49.8	- 3.8	39.3	- 3.8	58.8M	- 3.8
NASSANOWOX	34.6		36.3		41.6		56.7M		64.7M		75.0M		78.1		75.2		69.6		60.7		48.4		38.6		56.6	
NELSONIA																										
NEWPORT NEWS PRESS BLD	38.7		40.4		45.8		60.6		67.9		77.5		79.6		77.2		72.0		62.7		49.9		41.1		59.5	
NORFOLK WB AIRPORT	38.5	- 2.7	40.4	- 1.8	44.7	- 3.3	60.6	- 3.3	67.9	- 3.3	77.5	- 3.3	79.6	- 3.3	77.2	- 3.3	72.0	- 3.3	62.7	- 3.3	49.9	- 3.3	41.1	- 3.3	59.5	- 3.3
PAINTER 2 W	38.7		37.1		42.2		57.6		64.1		74.6		78.0		74.8		68.9		59.9		48.2		39.0		56.7	
PARAMORE BEACH L B S	35.5M		36.4		42.4		55.3M		63.8		75.2		79.2		76.7		72.9		60.7		48.8		39.4M		57.2M	
QUANTICO IS	33.8	- 2.7	37.6	- 1.7	42.8	- 1.7	57.8	- 1.7	65.3	- 1.7	75.0	- 1.7	78.8	- 1.7	75.6	- 1.7	71.7M	- 1.7	65.9	- 1.7	46.5	- 1.7	38.3	- 1.7	56.4M	- 1.7
STONY CREEK 4 SW	36.5		39.3		44.5		60.7		65.4		75.0		75.6		71.7M		65.1		56.9		46.9		38.3		56.4M	
SUFFOLK LAKE KILBY	37.0		39.2		44.5		59.1		66.5		76.2		78.3		75.7		69.7		60.8		48.1		39.5		57.9	
SUNNYSIDE	34.8		36.3		42.3		57.1		65.1		75.7		78.1		75.4		69.9		60.9		48.6		38.1		56.9	
TANGIER ISLAND	39.7		40.7		42.6		56.3		63.9		76.2		77.9M		76.7		75.0		69.2		49.2		43.2		59.5M	
UREANNA	36.0		37.8		44.4		59.5M		66.1M		76.0		79.0M				69.8M		61.2M		49.0M		38.5M			
WAKEFIELD 1 NW			37.5		42.7		58.9		66.1		75.9		77.8		74.9		68.5		59.3		46.9		37.5		56.6	
WALKERTON 2 NW	34.6		37.5		42.7		58.9		66.1		75.9		77.8		74.9		68.5		59.3		46.9		37.5		56.6	
WALLOPS ISLAND WB	34.0		35.6		39.2		53.4		61.6		72.7		77.2		74.8		69.4		59.3		48.5		37.2		55.1	
WARSAW 2 NW	34.9		36.8		43.0		58.4		65.7		75.4		77.8		74.4		68.3		58.2		47.0		35.9		56.3	
WEST POINT 2 SW	34.9		37.4		42.4		59.6		66.2		75.7		78.5		74.6		68.7		58.7		46.6		36.7		56.7	
WILLIAMSBURG 2 N	36.1		38.2		43.4		59.4		65.7		75.7		78.5		75.0		69.0		60.3		48.5		38.6		57.4	
DIVISION	36.4	- 3.9	38.3	- 2.8	43.2	- 4.2	58.4	- 4.2	65.8	- 4.2	75.7	- 4.2	78.3	- 4.2	75.2	- 4.2	69.6	- 4.2	60.4	- 4.2	48.5	- 4.2	39.2	- 4.2	57.4	- 4.2
* * *																										
EASTERN PIEDMONT 02																										
AMELIA COURT HOUSE																										
ASHLAND 1 SW	32.1		35.9		41.5M		57.6		64.4		74.0		75.4M		73.4		66.8		56.5		44.4M		34.0M		54.8M	
BLACKSTONE FAA AP	35.1		37.6M		43.5		59.5		66.7		75.3		78.1		74.6		68.4		59.2		47.7		37.6		56.9M	
CHASE CITY	35.9		39.2M		45.0M		61.5		67.9M		76.9M		80.0		76.1		70.1		60.4M		48.3		39.9		57.0	
COLUMBIA	31.7	- 6.0	36.9	- 1.9	40.9	- 4.9	57.5M	- 4.9	64.6M	- 4.9	74.0M	- 4.9	77.3	- 4.9	73.6M	- 4.9	67.0M	- 4.9	56.5	- 4.9	45.9	- 4.9	34.2	- 4.9	53.0M	- 4.9
CORBIN	31.2		35.3		40.5		56.8		64.2		73.6		76.9		73.1		66.9		56.0		44.4		33.7		54.4	
FARMVILLE 2 N	34.1	- 5.3	37.4	- 3.8	43.4	- 3.8	59.8	- 3.8	66.2	- 3.8	74.5	- 3.8	77.5	- 3.8	73.5	- 3.8	66.7	- 3.8	57.8	- 3.8	46.4	- 3.8	35.8	- 3.8	56.1	- 3.8
JOHN H KERR DAM	31.3		36.4		41.2		57.7		65.5		76.2		78.3		73.8		66.7		57.4		45.4M		37.0M		53.6M	
LAWRENCEVILLE 5 W	35.8		38.5		43.7		59.9		67.3		75.1		77.9		73.9		67.8		59.3		47.1		37.8		56.9	
LOUISA	32.8		36.9		41.9		58.0		65.6		73.4		76.0		72.6		66.0		55.7		44.7		33.7		54.8	
NEW CANTON	33.8	- 4.9	37.8	- 1.9	43.4	- 2.8	59.3	- 2.8	65.5	- 2.8	73.7	- 2.8	76.5	- 2.8	73.2	- 2.8	66.6	- 2.8	57.8	- 2.8	46.5	- 2.8	35.8	- 2.8	55.9	- 2.8
PARTLOW 3 NW	31.6		35.0		40.2M		56.8		64.4		73.5		75.9		71.9		64.4		53.5		42.0		31.5		53.5M	
POWATON 5 SW	33.1M		37.5		42.0M		58.0		65.3		75.0		77.8													
RICHMOND WB AP	33.9	- 4.8	36.8	- 3.1	42.3	- 5.4	57.6	- 5.4	65.3	- 5.4	75.7	- 5.4	78.3	- 5.4	75.1	- 5.4	68.1	- 5.4	58.5	- 5.4	46.8	- 5.4	35.3	- 5.4	56.2	- 5.4
DIVISION	33.3	- 5.5	37.1	- 2.8	42.3	- 4.3	58.5	- 4.3	65.5	- 4.3	74.5	- 4.3	77.5	- 4.3	73.7	- 4.3	67.1	- 4.3	57.4	- 4.3	45.9	- 4.3	35.3	- 4.3	55.7	- 4.3
* * *																										
WESTERN PIEDMONT 03																										
APPOMATTOX 3 W	30.5		35.1		40.2		55.7		63.4		71.7		74.9		70.7		64.7		54.1		43.2		32.8		54.4	
BEDFORD	32.7		37.8		42.8		58.2		65.6		74.1		76.5		73.0		67.5		56.9		45.5		34.5		56.8	
CHARLOTTE COURT HOUSE	32.4		37.6		42.8		58.2		65.6		74.1		76.5		73.0		67.5		56.9		45.5		34.5		56.8	
CHARLOTTESVILLE 2 W	32.5	- 4.7	36.2	- 2.8	42.9	- 2.4	58.7	- 2.4	66.0M	- 2.4	75.4	- 2.4	78.4M	- 2.4	74.1M	- 2.4	68.1	- 2.4	58.9	- 2.4	47.1	- 2.4	36.9	- 2.4	56.2M	- 2.4
CHARLOTTESVILLE 1 W	32.9		36.8		42.3		57.9		66.0M		73.3M		76.4M		73.5M		67.5M		56.6M		45.4M		34.9M		56.3M	
CHATHAM 2 NE	33.3	- 5.9	38.3	- 2.1	43.1	- 4.7	57.8	- 4.7	65.3	- 4.7	73.4	- 4.7	77.5	- 4.7	73.4	- 4.7	67.0	- 4.7	56.7	- 4.7	45.4	- 4.7	35.5	- 4.7	55.5	- 4.7
DANVILLE-BRIDGE ST	34.5	- 6.6	40.0	- 2.2	43.0	- 5.7	58.0	- 5.7	65.8	- 5.7	74.5	- 5.7	77.1	- 5.7	74.0	- 5.7	67.2	- 5.7	58.3	- 5.7	46.2	- 5.7	36.7	- 5.7	56.5	- 5.7
HALIFAX 2 S3E	33.6		38.8		42.5		58.0		65.3		74.7		78.3		74.5		67.8		57.3		46.0		35.7		56.0	
LYNCHBURG WB AIRPORT	32.2	- 5.4	36.4	- 2.3	40.7	- 4.8	57.1	- 4.8	65.4	- 4.8	73.2	- 4.8	77.2	- 4.8	72.8	- 4.8	65.9	- 4.8	56.0	- 4.8	44.7	- 4.8				

# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA  
1969

Table 1-Continued

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
MONTEREY	23.8M		28.0		32.0		48.9		57.6		64.3		69.1		65.1		59.7		-		38.3		25.0		50.0M	
PEAKS OF OTTER	27.5M		31.0		36.3		53.8		61.1		66.9		72.8		69.0		61.4		52.5		40.4		35.8		54.7	-2.2
ROANOKE WB AIRPORT	32.3	- 5.8	37.2	- 2.0	40.7	- 4.8	57.3	- .9	65.0	- .7	73.1	- .3	76.0	- .6	73.5	- 1.9	66.7	- 2.4	56.6	- 1.6	44.5	- 2.2	39.6	- 4.8	52.9	
STAUNTON SEWAGE PLANT			32.8	- 3.6	37.7	- 4.9	53.6	- 1.1	62.3	- 1.0	70.7	- .4	74.2	- .3	70.8	- 1.9	63.6	- 3.2	53.0	- 3.3	41.1	- 4.3	31.1		52.9	
TIMBERVILLE 3 E	30.3		33.6		38.8		54.9		64.2		73.3		74.9		71.5		65.6		53.8		42.2		31.1		52.9	
DIVISION	30.1	- 5.9	33.7	- 3.3	38.3	- 5.0	55.1	1.2	63.1	.0	70.7	.2	74.1	.2	70.6	- 1.9	64.2	- 2.2	54.4	- 1.7	42.1	- 2.9	30.6	- 5.9	52.3	- 2.2
* * *																										
SOUTHWESTERN MOUNTAIN	06																									
BLACKSBURG 3 SE	28.3M		30.7		34.4		51.2		58.8		68.0		72.5		68.2		61.5		50.4		40.5		29.1M		49.5M	
BRISTOL			33.1M		39.0		57.1		62.9M		70.2M		-		-		-		-		-		27.7M		48.1M	-2.0
BURKES GARDEN	29.4	- 3.8	29.8	- 4.5	32.9M	- 6.7	51.0	1.3	57.7M	- .1	66.6	1.7	69.9	2.0	65.7	- 1.3	58.9M	- 2.4	50.6	- .8	37.2M	- 3.4	30.4	- 5.9	50.6M	
CHILHOWIE 1 S	30.3M		33.2M		37.1M		53.4M		59.9		68.7		72.8M		69.2M		62.2		51.2		38.9		30.6		50.6M	
FLOYD 2 NE	31.0		33.5M		36.5		52.3M		60.3		68.0M		72.0M		67.2		61.6M		52.0M		40.3		30.6		50.4M	
GALAX RADIO WDOB	32.0		34.0		37.7		53.9		60.5		69.0		72.1		68.5		63.0M		53.9		41.4		31.9		51.5M	
GLEN LYN	33.1		36.1		39.0		57.9		65.6		73.2M		76.7		72.4M		65.7M		57.3M		40.2		31.6		56.8M	
GRUNDY	37.1M		38.8		42.3		60.3M		69.4		76.6		79.8		77.0		69.9		56.3		40.2		33.9		56.8M	
MARION EVAP STATION	31.3		34.2		37.5		54.7		61.3		69.1		72.3		68.3		61.9		52.6		38.8		31.6		51.1	
PENNINGTON GAP	33.5	- 2.6	37.2	- .4	39.6	- 4.0	57.9	4.0	63.8	.7	71.0	.5	76.1	2.4	72.3	- .5	66.1	- 1.2	56.5	.0	41.2	- 2.8	34.2	- 2.6	54.1	- .6
PULASKI 2 E	33.0		34.6		38.3		55.2		62.4		70.9		74.1		69.6		63.0		53.6		41.4		32.2		52.4	
ROCKY KNOB	30.3M		30.4		35.6M		53.9		61.6		68.1M		70.3		64.5		61.4M		53.4		39.1		29.0		49.8M	
ST PAUL	34.5M		35.5		39.3		58.1		64.8		71.8		76.7		72.4		66.3		56.5		42.1		33.1		54.1	-1.2
SALTVILLE 1 N	32.2	- 4.4	36.1	- 1.6	39.3	- 4.4	56.0	1.3	64.6	.4	72.9	1.1	76.8	2.1	72.7	- .9	66.3	- 1.6	56.5	- .5	42.1	- 2.7	30.8	- 3.7	50.6	
WISE 1 SE	31.4		32.8		35.8		54.5		60.7		68.4		71.5		67.5		61.2		53.6		39.4		30.8		50.6	
WYTHEVILLE 1 S	30.3	- 5.9	33.2	- 3.9	35.9	- 7.0	52.9	- .1	61.6	.0	68.5	- .4	72.2	.3	68.3	- 2.5	62.1	- 2.9	52.6	- 2.4	39.3	- 4.7	30.0M	- 6.3	50.6M	-3.0
DIVISION	31.8	- 3.8	33.9	- 2.9	37.5	- 5.2	55.0	1.8	62.2	.2	70.1	.8	73.7	1.4	69.6	- 1.7	63.2	- 2.3	53.6	- 1.6	40.0	- 3.7	31.1	- 4.9	51.8	-1.8

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

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

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA  
1969

Table 2

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	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	2.86		2.47		6.22		2.86		1.52		3.15		7.70		6.18		4.34		1.49		3.81		4.03		46.03	
BOHANNON 1 NE	2.59		3.39		4.38		3.23		1.18		2.99		4.90		7.78		5.68		1.13		2.12		4.90		44.27	
BOYKINS	3.18		3.18		6.03		2.21		2.81		3.73		8.95		9.94		3.34		1.90		2.55		4.52		51.45	
CAPE HENRY WB CITY	1.19	1.79	1.31	1.94	3.00	.38																	1.89			
CERITON	2.63		2.82		3.74		1.78		2.13		4.44		3.21		4.72		2.90		1.72		1.98		5.44		37.51	
CHINCOTEAGUE WL REF	2.87		2.56		4.98		3.00		.95		1.97		6.30		5.51		1.51		1.95		3.09		4.49		39.16	
COLONIAL BEACH	2.81	.42	2.88	.45	2.74	.46	4.03	.89	4.30	1.17	1.78	1.45	7.97	3.42	6.50	2.07	1.75	2.02	1.39	1.59	1.58	.86	6.91	3.96	44.70	5.15
DIAMOND SPRINGS	2.93	.70	2.51	.94	4.95	1.02	2.26	1.11	2.18	1.48	3.95	.16	12.01	5.62	7.42	.84	3.05	1.43	3.73	.50	3.02	.31	4.35	1.39	52.36	3.82
DRIVER 4 NE	3.61		2.79		3.56		2.29		3.61		6.81		5.18		4.06		3.00		2.98		2.76		4.73		46.74	
EMPORIA 1 NW	3.15	.01	4.55	1.21	3.40	.17	2.03	1.40	3.31	.71	3.61	.50	12.14	3.96	5.75	.72	2.93	1.08	1.84	.62	2.40	.39	2.65	.30	47.60	2.71
FORT LEE	1.86		2.53		3.90		3.18		2.91		4.36		8.00		7.12		3.57		3.55		1.96		4.98		47.92	
FREDERICKSBURG NATL PK	2.07	1.13	2.54	.16	3.44	.16	1.02	2.08	4.03	.47	3.69	.35	8.16	3.27	7.58	2.48	3.09	.36	1.18	2.17	2.25	.59	7.07	4.27	46.12	4.83
HOLLAND 1 E	3.39		2.59		3.75		2.66		2.94		4.55		11.25		3.85		3.43		2.65		2.87		4.83		50.60	
HOPWELL	2.92	.15	4.37	1.61	3.96	.80	2.33	1.01	3.39	.58	4.28	.05	4.88	.98	6.50	1.40	3.57	.16	2.38	.50	2.09	.71	5.40	2.62	46.07	2.39
LANGLEY AIR FORCE BASE	3.15	.08	3.79	.77	4.61	1.19	3.03	.00	1.88	1.60	5.08	1.98	7.75	2.62	3.87	1.26	3.29	.69	1.41	1.46	2.61	.18	4.86	2.29	45.33	3.38
NASSAWADOK	2.50		3.02		4.15		2.59		1.96		1.68		5.42		6.70		2.69		1.33		2.09		6.41		40.54	
NELSONIA	3.13		2.89		5.15		2.21		.74		7.64		3.35													
NEWPORT NEWS PRESS BLD	3.13		2.89		5.15		2.21		.74		7.64		3.35													
NORFOLK WB AIRPORT	2.26	1.07	2.16	1.05	4.88	1.43	2.07	1.09	2.05	1.31	4.13	.52	12.70	6.78	5.28	.69	2.72	1.50	3.18	.26	2.97	.08	3.93	1.19	48.33	3.39
PAINTER 2 W	3.07		3.43		4.94		3.62		1.85		1.71		5.47		7.25		2.77		1.94		2.09		6.43		44.57	
PARRAMORE BEACH L B S	2.73		3.09		5.44		1.39		.16		1.30		4.40		5.10		2.28		.46		1.64		6.09		34.08	
QUANTICO IS	2.58	.58	2.60	.24	2.98	.24	1.32	1.76	1.57	1.90			4.55	.03			1.48	1.47	2.22	.57						
STONY CREEK 4 SW	2.87		4.78		5.00		2.77		3.08		6.65		7.70		6.48		3.64		1.37		1.97		4.64		50.95	
SUFFOLK LAKE KILBY	3.51		2.61		6.59		2.90		4.09		4.53		6.20		4.90		4.29		2.74		2.75		5.00		50.11	
SUNNYBANK	2.38		4.32		2.65		2.97		1.03		2.17		7.22		9.65		1.35		1.33		1.76		6.75		43.38	
TANGIER ISLAND	1.57		1.53		1.51		.80		.40		.50		3.45		8.05		.55		1.74		1.30		2.15		23.55	
URBANNA	3.27		3.77		2.17		1.58		.97		2.47		7.82		7.94		2.13		1.49		1.63		5.40		42.03	
WAKEFIELD 1 NW	3.21		3.79		3.06		2.70		2.98		3.70		7.38		9.49		2.92		1.33		2.19		4.38		50.85	
WALKERTON 2 N	2.23		3.50		3.12		3.56		5.15		5.53		5.63		7.72		5.98		1.49		1.91		5.74		51.56	
WALLACETON LK DRUMMOND	3.04	.00	2.08	1.57	7.41	3.46	2.61	1.15	2.49	1.49	7.78	3.29	7.00	.27	5.92	.00	5.35	.98	6.07	2.87	2.48	.97	4.02	.74	56.88	6.43
WALLOPS ISLAND WB	1.82		3.55		3.97		2.14		1.16		1.81		4.76		4.89		1.62		1.87		2.78		6.14		36.51	
WARREN 2 NW	3.28		3.02		3.16		3.52		4.35		2.18		5.75		11.25		3.59		1.28		1.63		6.23		49.26	
WEST POINT 2 SW	2.64		3.61		2.96		2.39		1.69		3.75		9.22		6.39		3.10		1.41		1.85		4.96		43.98	
WILLIAMSBURG 2 N	3.21		3.06		4.37		3.56		2.28		5.05		4.74		9.55		4.69		1.40		2.24		4.43		48.58	
DIVISION	2.66	.71	3.07	.05	4.23	.70	2.54	.69	2.26	1.35	3.63	.06	6.81	1.40	6.89	1.52	3.26	.62	1.81	1.25	2.25	.73	5.17	2.33	44.58	.71
* * * EASTERN PIEDMONT 02																										
AMELIA COURT HOUSE	-																									
ASHLAND 1 SW	2.94		3.77		4.22		2.30		2.49		5.30		6.97		7.72		2.37		1.50		1.46		6.03		47.07	
BLACKSTONE FAA AP	2.16		3.77		5.18		3.42		2.00		3.16		8.22		5.07		2.36		1.26		1.39		5.00		43.00	
BREND BLUFF	2.26		2.48		3.31		1.36		3.63		5.21		8.21		6.98		1.13		.88		1.90		5.77		42.27	
BUCKINGHAM	2.09		2.31		4.29		1.95		3.07		3.84		9.63		5.80		2.20		.55		.90					
CHASE CITY	3.75		2.57		3.75		2.70		2.00		2.98		3.25		1.70		3.00		1.40		.50		4.35		31.95	
CLARKSVILLE	2.95	.71	3.66	.34	4.72	.82	3.16	.65	1.94	1.71	1.96	2.17	5.15	.21	4.41	.90	3.07	1.22	2.05	.54	3.11	2.45	4.25	1.15	40.13	5.49
COLUMBIA	2.31	.93	2.29	.35	2.45	1.02	1.58	1.91	2.24	1.45	2.93	.28	7.10	2.67	7.08	2.79	1.28	2.40	1.05	1.89	.89	1.84	5.88	2.94	37.28	3.87
CORBIN	2.56		3.01		3.12		3.56		1.93		2.35		5.09		8.26		1.42		.69		2.07		7.41		40.40	
FARMVILLE 2 N	1.97	1.83	2.46	.79	4.94	.96	1.53	2.11	1.75	2.27	4.40	.09	6.86	1.98	2.54	2.15	2.11	1.69	1.25	1.71	.95	2.14	5.45	2.27	36.15	9.39
GORDONVILLE 3 S	2.42		3.28		3.39		1.94		2.69		6.22		11.86		9.95		3.16		1.72		1.44		6.67		54.74	
JOHN H KERR DAM	2.52		3.71		4.16		3.00		1.80		2.59		6.57		2.90		5.48		2.85		1.13		3.91		40.62	
LAWRENCEVILLE 5 W	2.77		4.53		4.37		3.27		2.42		4.52		4.89		5.23		4.05		1.35		1.80		4.27		43.49	
LOUISA	2.68		2.60		4.16		1.38		1.82		5.54		5.90		16.39		2.57		1.07		7.20		32.95		42.12	.57
NEW CANTON	2.14	1.46	2.44	.43	4.40	.45	1.50	2.18	3.36	.38	5.75	2.49	7.13	2.56	6.41	1.89	1.06	2.50	.85	2.03	1.01	1.92	6.05	2.74	42.	

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA  
1969

Table 2-Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ELKWOOD 6 SE	1.51		2.24		2.75		1.14		2.76		5.69		6.15		4.20		1.44		1.34		2.00		6.57		37.79	
FALLS CHURCH 2 SW	2.40		2.43		2.03		1.47		1.80		4.81		9.71		4.67		1.18		2.85		6.79		44.21			
GROVETON	2.13		2.29		2.10		1.34		2.03		1.99		5.30		4.87		3.52		2.81		4.67		34.35			
LINCOLN	1.70	1.27	1.80	.94	2.03	1.35	1.87	1.66	2.33	1.83	3.36	2.30	6.87	2.61	3.78	.96	2.38	.95	1.03	2.42	2.74	.14	4.40	1.28	34.77	7.86
LURAY 5 E	5.13		.78		2.03		1.59		1.50		4.17		6.21		4.99		4.62		.76		3.28		5.41		40.47	
MANASSAS	1.95		.97		.95		.94		.30		2.52		3.55		4.25		4.45		.80		1.48		3.69		25.85	
MOUNT WEATHER	1.87	.80	1.22	1.11	2.28	.98	2.18	1.13	1.87	2.42	2.74	.82	5.30	1.47	4.15	.34	2.96	.81	2.26	1.44	3.32	.43	4.53	1.90	34.68	6.05
PIEDMONT FIELD STATION	2.02		2.02		3.31		1.28		2.09		4.19		5.69		4.63		4.22		1.43		2.08		6.13		39.09	
RAPIDAN	2.85		2.07		3.55		1.23		2.02		4.80		5.08		4.77		2.24		1.30		1.82		6.68		38.41	
RIVERTON	2.15	.25	.55	1.44	2.30	.56	1.66	1.22	1.08	2.79	4.98	1.77	6.70	3.32	6.04	2.28	5.44	2.58	1.07	2.34	3.27	.90	6.79	4.41	42.03	6.66
SOMERSET	2.05		2.03		2.92		1.51		3.04		6.70		8.10		4.54		3.71		1.10		1.62		5.47		42.79	
THE PLAINS 2 NNE	2.27		1.44		2.19		1.25		1.18		2.10		3.23		4.05		6.08		.83		2.91		5.39		32.92	
VIENNA DUNN LORING	2.17		2.29		2.27		1.75		1.72		6.01		10.82		5.98		3.06		1.14		2.74		6.67		46.62	
WARRENTON 3 SE	2.14		1.89		2.69		1.44		1.06		5.49		4.15		3.16		5.61		1.11		2.32		4.61		35.62	
WASHINGTON	1.61		1.28		1.83		1.52		1.79		5.32		7.37		3.58		6.12		1.88		3.62		5.24		41.16	
WASH DC-DULLES WB AP	2.07		1.69		2.04		1.34		.99		5.55		4.90		5.07		4.89		.85		2.11		6.74		38.24	
WASHINGTON WB NAT AP	1.69	1.34	2.08	.39	1.60	1.61	1.71	1.44	1.20	2.94	3.46	.25	9.44	5.29	6.98	2.08	5.07	1.24	1.14	1.93	2.39	.45	6.54	3.76	43.20	2.52
WAVELEY HILLS	2.13		2.57		2.59		1.82		1.90		6.53		9.89		6.40		2.69		1.46		2.99		7.27		48.24	
WINCHESTER 1 N	1.28	1.11	1.04	1.08	1.94	1.22	3.15	.04	1.37	2.73	4.71	1.01	5.96	1.72	5.44	1.28	2.04	.93	1.16	2.29	2.51	.08	4.56	2.08	35.16	3.31
WOODSTOCK	1.62	.64	.93	.81	1.40	1.40	2.09	.74	1.32	2.49	1.81	2.02	4.70	.90	5.72	1.46	2.92	.09	.76	2.14	1.49	.64	4.16	1.94	28.92	6.55
DIVISION	2.16	.35	1.64	.71	2.18	1.19	1.77	1.56	1.73	2.40	4.13	.46	6.45	2.14	4.83	.29	3.97	.54	1.27	2.18	2.69	.14	5.47	2.67	38.31	2.73
CENTRAL MOUNTAIN 05																										
BUCHANAN	2.32	.93	2.44	.49	2.60	1.21	1.83	1.52	1.73	2.31	5.22	.90	7.65	3.24	7.67	3.00	1.79	1.92	1.48	1.94	1.35	1.74	5.86	2.66	41.94	2.26
BUENA VISTA	2.04		2.02		2.60		1.58		2.61		4.44		4.88						1.45							
CATAWBA SANATORIUM	1.83	1.30	3.08	.18	3.06	.95	1.26	2.12	1.57	2.45	5.46	1.44	6.30	1.74	4.98	.47	2.87	.81	1.37	1.80	2.72	1.36	5.49	2.56	39.99	2.51
CLIFTON FORGE	1.70	1.29	2.43	.42	2.48	1.44	1.62	1.46	2.86	1.12	5.40	1.75	3.89	.01	13.67	9.30	2.01	1.30	1.53	1.41	1.66	1.08	4.88	1.93	44.19	3.45
COATES STORE	1.25		1.27		1.58		.81		.90		5.17		5.38		5.38		5.21		.81		2.17		4.05		37.01	
COVINGTON	1.14		1.75		1.90		1.28		1.36		4.48		3.98		7.72		1.99		.56		1.12		4.48		32.16	
COVINGTON FLY PLANT	1.57		1.63		1.93		1.67		1.67		4.62		5.63		8.70		2.24		.68		1.43		4.73		36.47	
CRAGSVILLE	1.42		1.88		2.07		1.81		3.77		4.01		8.49		6.04		2.34		1.71		1.29		6.12		36.95	
DALE ENTERPRISE	1.08	1.08	1.95	.59	1.23	1.64	1.63	.96	1.95	2.05	3.08	.71	13.06	8.49	5.04	.73	3.13	1.14	1.49		1.79	.31	3.67	1.44	41.30	4.96
DEERFIELD 1 S	1.47		1.95		1.99		1.63		2.01		3.34		7.03		6.11		2.44		1.49		1.16		6.14		36.76	
GLASGOW 1 SE	2.86		2.46		4.23		1.83		3.25		3.52		3.94		11.15		4.05		3.32		2.59		5.29		48.49	
GOSHEN	1.29		1.82		2.09		1.26		2.61		3.58		4.94		10.08		4.70		1.51		2.27		4.58		40.84	
HOT SPRINGS	2.36	.65	2.13	.71	2.93	1.35	1.51	1.61	2.39	1.28	3.70	.47	5.15	.97	6.48	4.03	2.44	.78	1.20	1.74	2.33	.44	5.56	2.70	40.05	1.33
KERRS CREEK 1 WSW	1.54		2.87		2.52		1.70		2.62		5.67		7.00		10.88		3.08		1.62		2.32		5.29		47.11	
LEXINGTON	1.59	1.49	2.46	.27	2.32	1.29	1.68	1.35	1.27	2.28	3.46	.12	6.29	2.11	9.53	5.50	1.84	1.55	1.43	1.44	.98	1.70	5.04	2.13	37.89	1.75
MC DOWELL	1.86		1.48		.93		.98		2.73		3.93		5.86		4.25		1.13		.50		1.13		5.45		36.90	
MONTREY	1.41		1.32		1.79		2.42		3.21		3.54		9.10		6.65		4.81		1.41		1.76		5.96		43.38	
NEW CASTLE	1.64		2.86		2.81		1.31		1.27		6.57		2.21		5.82		3.98		1.03		1.96		5.44		36.90	
NORTH RIVER DAM	1.44	1.24	1.91	.52	2.61	.73	3.88	2.33	2.56	1.37	3.54	.67	9.77	6.79	1.90	4.42	.73	1.69	1.35	3.92	1.21	4.93	2.32	44.46	2.70	
PEAKS OF OTTER	3.43		2.62		3.66		3.00		7.02		5.91		6.08		10.33		4.03		3.41		2.39		6.01		58.49	
ROADKOE WB AIRPORT	1.86	1.26	2.74	.12	3.35	.18	1.40	1.70	1.58	2.21	4.95	1.15	5.35	1.10	5.41	.78	2.79	.47	2.22	.99	1.40	1.30	5.54	2.56	38.09	2.64
STAUNTON SEWAGE PLANT	1.54	1.13	1.49	.62	1.47	1.70	1.00	1.98	.93	2.81	3.38	.31	5.47	1.46	5.45	1.63	6.39	3.10	.78	2.05	1.52	.89	6.14	3.44	35.56	1.86
STUARTS DRAFT	1.79		1.95		2.57		1.25		2.08		4.19		4.50		10.18		2.82		1.73		1.80		6.16		42.00	
TIMBERVILLE 3 E	1.82	.36	1.19	.84	1.43	1.53	1.25	1.47	1.84	1.92	2.88	.64	7.08	2.83	6.01	2.57	6.29	2.89	.95	1.60	2.33	.20	4.22	2.05	37.49	2.12
DIVISION	1.89	1.01	2.04	.57	2.31	1.18	1.75	1.32	2.29	1.57	4.20	.33	7.01	2.66	7.19	2.75	3.80	.43	1.46	1.56	1.82	.79	5.29	2.46	41.05	.63
SOUTHWESTERN MOUNTAIN 06																										
ALLISONIA	1.60		3.21		2.30		1.73		1.18		3.54		5.38		4.14		3.76		1.22		1.47		4.68		34.21	
BLACKSBURG 3 SE	2.08		3.34		2.29		2.10		.92		3.92		2.55		4.25		3.35		1.77		1.72		4.25		34.85	
BLAND	1.40		3.00		1.95		2.60		1.85		4.55		4.60		1.95		1.80		1.85		1.84		5.13		32.32	
BRISTOL			5.19		2.17																					

VIRGINIA  
1969

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.						
TIDEWATER 01																												
* * *																												
BACK BAY WL REF	95	7-18	20	1-13	NONE	-	1-13	20	3-12	24	3-12	24	3-16	32	11-15	29	12-2	28	NONE	NONE	NONE	NONE	NONE	-	265	244		
BOHANNON 1 NE	96	7-18+	11	1-6	1-6	11	2-15	20	3-16	24	3-28	27	3-31	29	10-24	30	11-16	28	11-22	24	12-18	20	NONE	306	251	233		
BOYKINS	98	7-6	10	1-6	1-15	14	2-13	20	3-14	24	3-28	23	4-1	30	10-18	30	10-24	25	11-16	19	11-16	19	NONE	276	247	210		
CAPE HENRY WB CITY	95	7-20	20	1-28	NONE	-	1-28	20	3-12	23	3-16	26	4-1	31	11-15	32	11-23	26	NONE	NONE	NONE	NONE	-	-	-	-		
CHESTERTON	95	7-18	16	1-5*	1-5	16	1-28	20	3-12	22	3-16	27	3-31	30	10-24	32	12-14	28	12-18	24	NONE	NONE	-	-	281	273		
CHINCOTEAGUE WL REF	99	7-5		3-1	3-1	15	1-12	20	3-14	23	4-12	26	4-12	26	11-15	26	11-15	26	11-22	22	NONE	NONE	-	-	253	217		
COLONIAL BEACH	96	7-20	19	1-7*	NONE	-	1-12	20	3-12	23	3-16	27	4-1	31	11-15	29	11-16	28	12-21	22	NONE	NONE	-	-	284	245		
DIAMOND SPRINGS	96	7-20	19	1-7*	NONE	-	1-12	20	3-12	23	3-16	27	4-1	31	11-15	29	11-16	28	12-21	22	NONE	NONE	-	-	284	245		
FORT LEE	101	6-28	13	1-13	2-14	16	2-14	16	4-1	24	4-1	24	4-1	24	10-24	28	11-21	23	11-22	19	12-21	19	12-21	16	310	281		
FREDERICKSBURG NATL PK	98	6-28	7	1-5	2-11	16	3-31	20	3-31	20	4-1	25	4-25	30	11-13	31	11-15	25	11-21	22	11-22	19	12-21	16	313	236		
HOLLAND 1 E	95	7-20+	12	1-6	2-14	16	2-15	19	3-14	24	4-1	28	4-21	32	10-24	28	10-24	28	11-16	24	12-6	19	NONE	-	294	247		
MOREWELL	98	7-20+	13	1-6	3-12	14	3-12	14	3-14	24	3-28	27	4-1	32	10-24	31	11-15	26	11-16	22	12-21	19	NONE	-	284	248		
LANGLEY AIR FORCE BASE	96	7-20+	15	1-6	1-6	15	1-6	15	1-27	24	3-16	28	3-16	28	11-15	29	11-16	28	11-22	24	NONE	NONE	-	-	299	245		
MASSADOX	96	7-19+	13	1-6	1-12	15	1-28	17	3-16	21	4-1	27	4-21	32	10-24	30	11-22	22	11-22	22	12-21	19	NONE	-	327	251		
NELSONIA	97	7-1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEWPORT NEWS PRESS BLD	96	7-18+	17	1-5	NONE	-	1-6	20	2-15	23	3-12	25	3-16	30	11-15	29												

Table 3—Continued

## TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA  
1969

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.									
WINCHESTER 1 N WOODSTOCK	95 98	7-18+ 7-5+	10 3	1-5 1-5	2-15 2-15	16 13	3-12 4-1	18 18	4-1 4-1	21 18	4-1 4-1	21 18	4-7 4-13	32 30	10-24 10-18	21 28	10-24 10-18	21 28	10-24 10-24	21 18	11-22 10-24	17 18	12-21 12-6	14 13	309 294	255 206	206 206	206 200	200 188		
* * *																															
CENTRAL MOUNTAIN 05																															
BUCHANAN CATANBA SANATORIUM COVINGTON FILT PLANT DALE ENTERPRISE HOT SPRINGS	97 92 95 98 93	7-5 6-8 7-6+ 7-5 7-6	5 - 0 3 -	1-5 - 1-5 1-5 -	2-14 3-12 3-12 3-12 3-13	14 14 15 15 10	3-28 3-12 4-1 4-1 4-1	19 14 20 19 20	4-1 4-1 4-1 4-1 4-1	22 23 20 19 20	4-1 4-1 4-1 4-1 4-1	22 27 20 19 7	5-13 5-13 5-13 5-12 5-1	32 31 32 31 31	10-18 10-18 10-18 10-24 10-18	27 32 26 29 27	10-18 10-24 10-18 10-24 10-24	27 24 26 19 27	10-24 10-24 10-24 10-24 10-24	20 24 18 19 20	10-24 11-15 10-24 10-24 10-24	20 14 18 19 20	11-16 11-15 11-21 11-15 11-15	15 14 15 16 15	275 248 254 248 247	210 248 206 206 206	206 207 206 206 206	200 206 200 206 194	158 158 158 159 170		
LEXINGTON MONTEREY PEAKS OF OTTER ROANOKE WB AIRPORT STAUNTON SEWAGE PLANT	97 88 90 96 96	7-5 7-5 7-4 6-8 7-6	2 - - 5 -	1-5 1-1 1-1 1-5 -	3-16 3-31 3-12 3-12 3-23	16 16 9 16 16	4-1 4-2 3-31 3-28 4-1	20 20 20 19 17	4-1 4-2 3-31 4-1 4-1	20 20 20 24 17	4-1 4-2 3-31 4-1 4-1	20 20 20 24 17	5-13 5-13 5-13 4-26 4-26	32 32 20 32 32	10-18 10-18 10-23 10-18 10-18	28 28 26 30 28	10-18 10-23 10-23 10-24 10-24	28 26 26 24 19	10-24 10-24 10-24 10-24 10-24	21 20 20 24 19	10-30 11-15 10-24 11-15 11-21	30 22 20 17 14	11-16 11-15 11-15 12-18 11-21	16 10 248 281 243	245 229 207 232 206	212 - 207 206 206	206 - 207 206 194	158 - - 200 175			
TIMBERVILLE 3 E	98	7-5	3	1-12+	2-15	13	4-1	17	4-1	17	4-25	28	5-1	31	10-18	28	10-18	28	10-24	19	10-24	19	12-6	13	294	206	206	176	170		
* * *																															
SOUTHWESTERN MOUNTAIN 06																															
BLACKSBURG 3 SE BRISTOL BURKES GARDEN CHILHOWIE 1 S FLDYD 2 NE	91 - 87 91 90	7-6 - 7-5+ 7-24+ 7-19+	-5 - -12 -4 -2	12-27 - 1-5 1-4 1-5	3-28 3-12 3-28 3-28 3-28	12 15 15 11 14	4-1 3-13 4-1 3-31 3-28	17 17 20 17 14	4-1 3-31 4-7 4-1 4-20	17 21 23 21 24	5-13 3-31 5-13 5-13 5-13	26 21 27 28 25	5-13 4-30 5-13 5-13 5-13	26 29 27 29 25	10-18 - 9-29 9-29 9-29	25 - 28 32 31	10-18 - 28 19 18	10-23 - 28 19 25	23 - 18 19 17	10-24 - 10-24 10-18 10-23	15 - 17 19 17	10-24 - 11-15 10-18 10-23	15 - 7 10 15	210 - 232 201 214	206 - 206 201 209	205 - 194 200 186	158 - 139 171 139				
GALAX RADIO WBOB GLEN LYN GRUNDY MARION EVAP STATION PENNINGTON GAP	91 104 101 92 92	7-5 6-29 7-5+ 7-5+ 7-20+	0 0 -2 -11 -5	1-5 1-5 1-5 1-5 1-5	3-28 3-13 3-13 3-17 3-12	16 16 16 16 14	3-28 3-28 3-31 3-28 3-31	16 19 20 17 19	4-1 4-1 4-1 4-1 4-1	23 23 24 26 22	4-25 4-23 4-1 4-25 4-25	27 31 24 26 29	5-13 4-29 4-1 5-13 4-30	29 31 24 29 29	9-29 10-18 10-18 10-18 10-18	32 25 26 30 24	10-18 10-18 10-18 10-18 10-18	24 27 26 20 24	10-18 10-24 10-27 10-27 10-18	24 24 20 20 12	10-24 11-15 10-27 10-27 11-15	15 13 20 20 12	10-24 11-15 10-27 10-27 11-15	15 247 210 210 248	210 247 210 204 229	206 232 209 204 229	200 206 200 201 200	176 176 200 176 171			
PULASKI 2 E RDCKY KNDB ST PAUL SALTVILLE 1 N WISE 1 SE	95 90 96 95 88	7-5 8-14 6-30 7-14 7-6+	0 -1 -1 -6 -9	1-5 1-2 1-5 1-5 1-5	3-28 3-15 3-14 3-12 3-16	13 7 16 15 15	4-1 3-31 3-28 3-13 3-31	19 18 20 18 17	4-1 3-31 4-1 4-25 4-1	19 18 23 26 23	4-25 5-10 4-7 4-25 4-25	27 29 28 26 27	5-13 5-10 4-30 4-26 5-13	29 29 32 32 31	9-29 10-23 10-23 10-18 9-29	32 25 25 28 32	10-18 10-23 10-23 10-18 10-18	24 25 25 28 22	10-18 10-24 10-24 11-15 10-24	24 23 23 16 18	10-24 10-24 10-24 11-15 10-24	15 20 20 16 18	10-24 11-15 11-15 11-15 11-15	15 7 248 247 247	210 245 247 207 207	206 228 207 231 207	176 206 176 176 139				
WYTHEVILLE 1 S	92	6-30	-7	1-5	4-1	16	4-1	16	4-25	23	5-13	27	5-13	27	9-11	32	10-18	20	10-18	20	10-18	20	10-24	13	206	200	176	158	121		

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	-	-	-	5.798	7.70	7.588	7.468	6.098	4.66	4.408	-	-
	DEP	-	-	-	-	.72	.15	.23	.51	.26	.83	-	-
	WIND	-	-	-	20138	1698	967	287	710	1059	1452	-	-
	MAX	-	-	-	72.7	83.0	92.7	94.8	93.8	83.4	71.8	-	-
	MIN	-	-	-	52.1	58.8	69.5	73.0	69.5	63.9	52.4	-	-
* * * EASTERN PIEDMONT 02													
JOHN H KERR DAM	EVAP	-	-	-	5.188	6.19	6.168	6.978	5.708	4.088	3.088	-	-
	WIND	-	-	-	1245	10378	8098	830	855	590	790	-	-
* * * WESTERN PIEDMONT 03													
PHILPOT DAM 2	EVAP	-	-	-	4.138	4.708	4.868	4.718	4.528	3.008	3.16	-	-
	WIND	-	-	-	8978	500	335	207	251	201	363	-	-
* * * SOUTHWESTERN MOUNTAIN 06													
MARION EVAP STATION	EVAP	-	-	-	3.858	4.818	5.15	5.41	5.428	3.718	3.44	-	-
	WIND	-	-	-	13438	967	660	626	635	685	970	1208	-
	MAX	-	-	-	75.7	86.6	93.7	96.4	88.4	77.1	67.2	-	-
	MIN	-	-	-	52.7	63.2	72.0	77.1	73.3	57.0	56.6	-	-

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

## STATION INDEX

VIRGINIA  
1969

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.	Refer to tables	Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.	Refer to tables
								Temp.	Precip.	Evap.											Temp.	Precip.	Evap.		
ARINGDON	0013	04	WASHINGTON	8	36 42	82 30	2000						MANASSAS	5213	04	PR WILLIAM	13	36 47	77 30	330	22	53			1 2 3
ALEXANDRIA CITY GARAGE	0090	04	CLARKE	13	38 48	77 05	70	12	12			1 2 3	C	5271	01	SPOTTSVIL	13	36 40	81 31	2100	10	10			1 2 3
ALLISONIA	0135	06	PULASKI	11	36 56	80 45	1870					1 2 3	C	5300	03	HENRY	13	36 42	79 53	760	31	31			1 2 3
ALYVISTA	0135	06	PULASKI	11	37 06	79 18	510					1 2 3	C	5414	03	HIGHLAND	13	38 20	79 30	2000					2
AMELIA COURT HOUSE	0167	06	AMELIA	13	37 51	77 39	350	1	24			1 2 3	C	5423	03	ROCKINGHAM	16	38 21	78 44	1090					2
AMISSVILLE	0194	04	RAPPANHANNOCK	14	38 41	78 01	550					1 2 3	C	5453	03	PATRICK	13	36 40	80 27	1900					2
APPOMATTOX 3 W	0243	03	APPOMATTOX	6	37 22	78 53	925					1 2 3	C	5501	06	WASHINGTON	8	36 42	82 19	1350					2
ASHLAND 1 SW	0287	02	NAVIER	6	37 45	77 29	220	37	35			1 2 3	C	5685	03	NELSON	6	37 53	79 06	2450					2
BACK BAY W. REF	0305	01	PRINCESS ANN	2	36 40	75 55	9	17	17			1 2 3	C	5690	03	NELSON	6	37 51	79 06	1875					2
BEDFORD	0551	03	BEDFORD	15	37 21	79 31	975	41	55			1 2 3	C	5698	03	HIGHLAND	13	38 25	79 33	2910	28	44			1 2 3
BERRYVILLE	0670	04	CLARKE	16	39 09	77 59	580	18	28			1 2 3	C	5729	03	ROCKBRIDGE	9	37 45	79 38	1600					34
BIG MEADOWS	0720	04	PAGE	14	38 31	76 26	3535	34	34			1 2 3	C	5851	04	LOUDOUN	13	39 04	77 53	1720	65	60			1 2 3
BLACKBURGS 3 SE	0766	06	MONTGOMERY	11	37 11	80 25	2000	18	18			1 2 3	C	5931	01	NORTHAMPTON	12	37 28	75 52	35	13	13			1 2 3
BLACKSTONE FAA AP	0773	02	NOTTOWAY	12	37 05	77 57	440	24	24			1 2 3	C	5983	01	ACCOMACK	13	37 49	75 35	47	11	11			1 2 3
BLACKSTONE WATER WORKS	0778	02	NOTTOWAY	12	37 05	78 01	423					1 2 3	C	6004	02	BUCKINGHAM	6	37 42	78 18	300	74	76			1 2 3
BLAND	0792	06	BLAND	11	37 06	81 07	2000					1 2 3	C	6012	03	CRAIG	9	37 30	80 08	1325					32
BOHANNON 1 NE	0835	01	MATHEWS	5	37 25	76 21	8	19	19			1 2 3	C	6046	01	WILES	9	37 19	80 31	1900					24
BOYKINS	0956	01	SOUTHAMPTON	10	36 55	77 12	40	16	16			1 2 3	C	6054	01		9	37 01	79 27	30					1 2 3
BREND BLUFF	0993	02	FLUVANNA	9	37 42	76 18	225	29	29			1 2 3	C	6139	01		5	36 54	76 12	22	24	24			1 2 3
BRISTOL	1037	04	WASHINGTON	8	36 56	82 10	1898	36	36			1 2 3	C	6199	05	AUGUSTA	16	38 22	79 18	2400	39	14			2
BROOKNEAL	1082	03	CAMPBELL	15	37 03	78 57	500	20	20			1 2 3	C	6475	01	ACCOMACK	5	37 35	79 49	30					1 2 3
BUCHANAN	1121	05	HOTSPRING	9	37 52	79 41	870					1 2 3	C	6491	02	FLUVANNA	9	37 52	78 15	410					34
BUCKINGHAM	1136	02	BUCKINGHAM	9	37 33	78 33	485	34	34			1 2 3	C	6528	01	ACCOMACK	13	37 34	75 38	8	6	6			1 2 3
BUENA VISTA	1159	03	ROCKBRIDGE	9	37 43	79 22	840	72	72			1 2 3	C	6533	02	SPOTTSVIL	17	38 03	77 42	250	18	18			1 2 3
BURNES GARDEN	1209	04	TAZEWELL	11	37 05	80 20	3300					1 2 3	C	6573	05	SPOTTSVIL	15	37 28	79 30	2605	11	11			1 2 3
CAPLESBY 3 W	1259	06	CARROLL	11	36 48	80 59	2013	4	4			1 2 3	C	6593	03	ARMIST	9	37 40	79 17	1013					39
CAPE HENRY WB CITY R	1362	01	PRINCESS ANN	2	36 56	76 00	16	90	90			1 2 3	C	6626	06	LEE	6	36 45	80 03	1510	37	37			1 2 3
CATANDA SANATORIUM	1471	05	ROANOKE	7	36 23	80 05	1890	58	58			1 2 3	C	6692	03	HENRY	15	36 47	80 02	1125	17	17			1 2 3
CHARLOTTE COURT HOUSE	1565	03	CHARLOTTE	15	37 03	78 38	560	23	23			1 2 3	C	6712	04	GRANDE	17	38 13	78 07	500	22	22			1 2 3
CHARLOTTESVILLE 2 W	1593	03	ALBEMARLE	9	38 02	78 31	870	60	60			1 2 3	C	6720	06	MONTGOMERY	11	37 04	80 21	2178					2
CHARLOTTESVILLE 1 W	1598	03	ALBEMARLE	9	38 02	78 31	540	19	19			1 2 3	C	6806	02	AMELIA	9	37 29	77 58	280	19	19			1 2 3
CHASE CITY	1606	02	MECKLENBURG	15	36 50	78 28	510	22	22			1 2 3	C	6935	05	PULASKI	11	37 03	80 45	1890	9	9			1 2 3
CHATHAM 1 NE	1614	03	PITTSYLVANIA	7	36 50	79 22	700	46	46			1 2 3	C	6979	01	PR. WILLIAM	13	38 30	77 19	12	69	69			1 2 3
CHESTER	1630	01	NORTHAMPTON	2	37 17	75 58						1 2 3	C	7034	03	PULASKI	11	37 08	80 33	1700					1 2 3
CHILHOWIE 1 S	1675	06	SMITH	8	36 47	81 41	2000	18	18			1 2 3	C	7025	03	CHARLOTTE	15	36 54	76 43	329	04	04			2
CHURCHILL W. REF	1687	01	ACCOMACK	2	37 50	75 22	10	8	8			1 2 3	C	7034	04	ORANGE	14	38 18	78 04	300	24	24			1 2 3
CLARKSVILLE	1740	02	MECKLENBURG	15	36 38	78 33	325	78	78			1 2 3	C	7201	02	HENRICK	16	36 50	77 20	164	32	32			1 2 3
CLIFTON FORGE	1801	05	ALLEGANY	9	37 49	79 50	1055	45	45			1 2 3	C	7224	04	WARREN	16	38 12	78 12	500	36	36			1 2 3
CLINCH	1838	04	DICKENSON	3	37 10	82 19	1330	19	19			1 2 3	C	7285	05	ROANOKE	15	37 19	79 58	1149	35	37			1 2 3
COLONIAL BEACH	1913	01	WESTMORELAND	13	38 15	76 58	10	7	7			1 2 3	C	7312	03	NELSON	9	37 48	78 45	445	32	32			1 2 3
COLUMBIA	1922	02	GOCHLAND	9	37 52	79 41	870					1 2 3	C	7330	06	FLOYD	11	36 51	80 22	3075	28	28			1 2 3
CONCORD 5 S	1955	03	CAMPBELL	15	37 17	78 58	650	20	20			1 2 3	C	7338	03	FRANKLIN	16	37 00	79 54	1232	74	74			1 2 3
COOTES STORE	1986	05	ROCKINGHAM	10	38 38	78 51	1070	27	27			1 2 3	C	7492	06	WISE	6	36 54	82 19	1500	10	10			1 2 3
COPPER HILL	1990	06	FLOYD	11	37 05	80 18	2720	28	28			1 2 3	C	7506	06	SMITH	8	36 50	81 40	1735	51	51			1 2 3
CORBIN	2009	02	CAROLINE	14	38 12	77 22	220	11	11			1 2 3	C	7664	01	ISLE OF WICH	9	37 01	76 37	37	28	28			1 2 3
COVINGTON	2041	05	ALLEGANY	9	37 48	80 00	1245	32	32			1 2 3	C	7704	04	ORANGE	14	38 18	78 15	390	14	14			1 2 3
COVINGTON FILT PLANT	2044	03	ALLEGANY	9	37 48	80 00	1245	32	32			1 2 3	C	7797	06	TAIENELL	11	36 49	81 19	2340					2
CRAIGSVILLE	2044	03	AUGUSTA	9	38 05	79 23	1600	7	7			1 2 3	C	8022	06	GILES	11	37 16	80 44	1825					2
CULPEPER	2135	04	CULPEPER	14	38 29	77 59	475	60	60			1 2 3	C	8046	04	FREDERICK	16	38 25	76 26	950					2
DALE ENTERPRISE	2228	03	ROCKINGHAM	16	38 27	78 56	1400	87	89			1 2 3	C	8054	02	GOCHLAND	9	37 58	77 48	180	31	31			1 2 3
DANASCUS	2216	06	WASHINGTON	8	36 38	81 48	1950	52	52			1 2 3	C	8062	03	AUGUSTA	16	38 09	79 02	1385	77	77			1 2 3
DANVILLE-BRIDGE ST	2245	03	PITTSYLVANIA	7	36 50	79 22	700	46	46			1 2 3	C	8129	01	SUSSEX	12	36 56	77 28	140	10	10			1 2 3
DAVENPORT 2 NE	2269	06	BUCHANAN	3	37 07	82 06	1000	52	79			1 2 3	C	8170	03	PATRICK	17	36 38	80 16	1455	10	10			1 2 3
DEERFIELD 1 S	2315	03	AUGUSTA	9	38 10	79 22	1720	43	43			1 2 3	C	8172	03	AUGUSTA	16	38 00	79 03	1450	21	21			1 2 3
DELAWARE 1 NW	2326	04	FAUQUIER	13	36 54	76 56	520																		

# REFERENCE NOTES

VIRGINIA  
1969

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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