



# CLIMATOLOGICAL DATA

VIRGINIA

U.S. DEPARTMENT OF COMMERCE  
MAURICE H. STANS, Secretary  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

ANNUAL SUMMARY 1968

Volume 78 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	38.7		37.0		50.9		56.2		65.3		74.6		78.1		79.7		72.1		65.0		54.2		42.2		59.5	
BOHANNON 1 NE	34.7		34.2		49.7		55.8		64.8		74.8		78.2		78.7		69.6H		61.9		52.7		39.3		57.9H	
BOYKINS	36.5H		35.6H		52.9		57.8H		65.8H		75.3		77.9H		78.3		70.0H		61.7		52.9H		39.4		58.7H	
CAPE HENRY NB CITY	36.6	- 6.0	35.8H	- 6.8	50.7	2.8	55.9	- 1.0	64.9	- 1.2	74.9	- 4	78.5	- 0.2	79.5	2.0	71.8	- 1.3	64.3	1.1	54.1	1.1	40.7		58.6H	
CHERITON	35.0H		35.3		50.1		56.3		65.4		74.7		78.0		79.5		70.8H		64.0		52.6H		40.7		58.6H	
CHINCOTEAGUE WL REF	34.2		33.9		46.1		54.3		61.9		72.4H		78.0		78.0		70.4		62.9H		51.9H		38.7H		56.9H	
COLONIAL BEACH	34.6		34.5		49.4		56.6		64.0		74.5		77.8		78.0		70.4		62.2		51.9		38.7H		56.9H	
DIAMOND SPRINGS	36.3	- 7.4	35.4	- 8.6	49.4	- .6	56.6	- 2.5	64.0	- 3.9	74.5	- 1.2	77.8	- 1.2	79.3	1.4	70.4	- 2.8	62.2	- 1.0	52.9	- 6	40.2	- 4.4	59.3	- 2.7
PORT LEE	34.0		34.2		50.3H		56.5		63.1		73.6		77.2		78.4		70.0		60.9		52.2H		40.2		59.3	
FREDERICKSBURG NATL PK	32.7H	- 4.4	32.9	- 5.1	50.4	5.4	56.9	1.3	62.9	- 2.4	74.8H	1.5	77.7	- 5	78.1H	2.0	69.0H	- 1	59.5H	1.2	49.3	2.0	36.3	- 1.0	56.7H	.1
HOLLAND 1 E	35.0		33.9		49.6		57.0		64.0		74.5		77.8		78.7		69.3		61.1		52.6		40.8		57.7	
HOPWELL	36.6	- 4.9	37.0	- 5.7	53.5	4.2	59.7	- .0	65.6	- 2.9	75.9	- 2	79.7	- 5	80.3	2.5	71.8	- 4	62.9	1.0	53.7	2.7	40.8	- 1.1	59.8	- 3
LANGLEY AIR FORCE BASE	35.2	- 6.3	34.3	- 7.7	49.4	1.1	55.8	- 1.9	63.2	- 4.0	73.7	- 1.7	78.9	- 1	80.4	2.5	71.0	- 1.7	63.6	1.5	54.0	2.4	40.4	- 2.2	58.5	- 1.5
NASSAWADOX	32.6		32.5		48.0		54.5		63.7		72.8		78.0		78.7		69.7		62.2		51.7		37.7		57.0	
NELSONIA	-		-		47.7H		53.0H		61.9		72.8H		78.0		78.7		69.7		62.2		51.7		37.7		57.0	
NEWPORT NEWS PRESS BLD	37.8		37.3		51.4		56.4		65.6		76.7		80.8		82.6		74.9		65.6		54.9		42.4		60.5	
NORFOLK NB AIRPORT	34.8	- 6.4	34.0	- 7.6	50.0	2.0	55.1	- 2.9	64.6	- 2.9	74.9	- 7	78.0	- 8	80.5	3.0	71.5	- 1.1	63.1	1.1	52.9	1.5	41.4	- 1.1	58.4	- 1.3
PAINTER 2 W	33.5		33.2		48.8		54.6		63.4		73.9		78.0		78.3		68.5		61.8		52.5		39.0		57.1	
PARRAMORE BEACH L B S	33.5		33.8		48.9		54.6		63.4		73.9		78.0		78.3		68.5		61.8		52.5		39.0		57.1	
QUANTICO 1 S	30.5	- 6.0	33.1	- 4.4	48.9	4.4	57.5	2.0	62.7	- 2.5	74.3	- 8	79.1	- 1.8	78.7	3.0	70.2	- 2.4	59.9	1.7	49.5	2.5	36.6	- 8	58.6	.0
STONY CREEK 4 SW	36.8H		36.4H		51.4		59.4H		63.9H		75.0H		78.1H		80.4H		70.7		60.4		50.8H		39.2H		58.4	
SUFFOLK LAKE KILBY	37.0		36.5		51.4		59.4		63.9		75.0		78.1		80.4		70.7		60.4		50.8H		39.2H		58.4	
SUNNYBANK	33.4		33.0		47.0		55.3		63.4		74.6		77.7		78.1		69.3		61.6		51.7		38.2		56.9	
TANGIER ISLAND	39.7		39.2		49.9		59.3		67.3		71.1		75.6		77.3H		72.0		64.1		55.4		41.8		59.4H	
URBANNA	34.1H		34.5		50.4H		56.5		64.7H		74.6H		79.0H		79.2H		70.8H		62.5		52.4H		39.1		58.2H	
WALKERTON 2 NW	33.1		32.2		49.5		56.5		63.5		74.4		77.7		77.8		68.3		59.8		50.8		37.0		56.7	
WALLDPS ISLAND WB	31.0		32.2		44.9		52.1		61.1		70.9		76.8		77.4		69.9		61.0		49.9		36.3		55.3	
WARSAW 2 NW	32.8		32.9		50.2		56.6		63.1		73.9		76.9		77.5		68.6		60.3		51.1		37.0		56.7	
WEST POINT 2 SW	34.1		33.4		50.4		56.6		64.1		74.5		77.6		77.8		68.8		60.4		51.6		37.0		57.2	
WILLIAMSBURG 2 N	34.9		34.5		51.4		56.9		64.5		73.9		77.9		78.4		69.9		61.7		52.9		38.8		58.0	
DIVISION	34.8	- 5.5	34.5	- 6.6	49.7	2.3	56.3	- .9	64.1	- 2.5	74.3	- .3	78.0	- 1.1	78.9	2.1	70.2	- 1.1	62.1	1.3	52.3	1.8	39.1	- 2.2	57.9	- .9
EASTERN PIEDMONT 02																										
ASHLAND 1 SW	31.1		32.7H		51.5H		56.3		63.2		73.5		76.3		77.5		68.1		58.6		48.1		35.1H		57.4	
BLACKSTONE FAA AP	34.8		34.5		51.2		57.6		63.2		73.5		76.3		77.5		68.1		58.6		48.1		35.1H		57.4	
CHASE CITY	35.4		35.0		51.9		58.8		64.9		74.2H		78.0H		79.1		69.0		60.9		51.2		37.8		57.4	
COLUMBIA	30.8	- 6.9	31.8	- 7.0	48.2	2.4	55.6	- .7	60.6	- 5.3	72.5	- 1.4	77.3	- 2	78.6	- 7	67.4H	- 2.0	58.4	- 3	48.0	- 8	35.1	- 3.2	55.2H	- 1.9
CORBIN	29.6		30.8		47.6		55.0		60.7		72.5		76.4		76.3		67.3		58.4		48.3		34.6		54.8	
FARMVILLE 2 N	33.0	- 6.4	32.5	- 8.2	50.6	3.6	57.2	- .0	62.0	- 3.9	72.3	- 1.5	76.0	- 1.5	75.8	- .1	68.3	- 1.8	59.3	- 6	50.0	1.9	36.8	- 2.5	56.2	- 1.6
JOHN H KERR DAM	33.1		33.6		49.3		57.5		63.1		72.6		76.0H		78.1H		68.0		59.3		49.0		34.7		56.2H	
LAWRENCEVILLE 5 W	35.6		34.8		51.9		57.8		63.4		72.9		77.0		78.3		69.2		60.7		51.7		38.0		57.6	
LOUISA	32.1		32.6		50.2		56.0		61.3H		73.0		76.6		76.3		67.4		58.4		49.1		36.2		55.8H	
NEW CANTON	33.7	- 5.0	32.9	- 6.8	51.1	4.9	57.3	- .9	62.1	- 3.0	72.5	- 1	76.3	- 3	76.0	1.6	67.7	- .7	57.2	1.4	49.9	2.2	37.9	- 1.1	56.4	- .4
PARTLOW 3 NW	29.9		31.2		49.4H		56.0		62.2		72.6		76.6		76.9		65.6		57.4		48.0		34.3		55.0H	
POMHATAN 5 SW	33.5		32.3		50.7		56.8		62.3		72.9		77.7		77.0		68.0		59.4		50.4		36.3		56.4	
RICHMOND WB AP	33.9	- 4.8	34.2	- 5.7	52.0	4.3	58.8	- .7	64.7	- 2.9	74.7	- 4	78.9	- 8	78.9	2.9	70.9	- .7	61.9	3.2	51.3	2.8	37.0	- 2.7	58.1	.0
DIVISION	32.8	- 6.0	33.0	- 6.9	50.4	3.8	57.0	- 1	62.3	- 3.8	73.3	- .6	77.2	- 2	77.4	1.5	68.6	- 1.1	59.6	- .9	49.7	1.6	36.3	- 2.9	56.5	- 1.1
WESTERN PIEDMONT 03																										
APPOMATTOX 3 W	30.4		31.5		47.1		55.0		59.9		70.2		74.2		75.1		66.1		56.3		46.6		33.5		55.8	
BEDFORD	33.0		34.5		51.2		57.7		63.3		73.0		76.1		75.4		66.1		57.3		48.2		34.5		55.9	
CHARLOTTE COURT HOUSE	32.2		33.0		48.7		57.2		61.8		71.9		75.3		76.9		68.8		58.6		48.6		35.7		55.8	
CHARLOTTEVILLE 2 W	31.6	- 5.6	34.1	- 4.3	50.0	4.7	58.2	1.6	62.5	- 4.0	73.5	- 2	77.0	- 3	77.5	1.5	69.8	- 1	60.2	1.7	49.7	1.3	34.8	- 3.4	56.0	- .7
CHARLOTTEVILLE 1 W	31.4H		32.7		48.7		57.1H		62.5		73.0		77.0		77.0		67.9H		58.8		49.1		35.8H		56.0	
CHATHAM 2 NE	32.5	- 6.7	33.6	- 6.4	49.4	2.6	56.1	- 1.0	62.3	- 3.9	71.7	- 2.2	76.7	- 2	76.9	1.4	68.0	- 1.0	59.1	- 2	48.4	- 6	36.2	- 3.2	55.9	- 1.7
DAWSONVILLE 3 SE	33.5	- 7.6	34.1	- 8.1	49.8	1.1	57.5	- 1.7	63.7	- 4.3	73.5	- 2.2	76.8	- 2	76.8	2.2	69.8	- 1.6	60.3	- 3	49.0	- 4	37.0	- 4.0	57.2	- 2.2
HALLIFAX 2 SSE	32.4		33.5		48.8		56.8		62.8		72.6		77.4		78.0		69.2		59.1		48.4		34.9		55.3	
LYNCHBURG WB AIRPORT	32.0	- 5.6	32.4	- 6.5	49.9	4.4	56.0	- 2	62.1	- 3.2	72.1	- 9	76.0	- 3	77.0	2.2	68.0	- .7	57.8	- 4	47.4	- 4	34.0			

Table 1-Continued

## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA  
1968

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	26.2		29.6		47.0		55.0		59.5		71.1		74.2		74.6M		65.8		56.3		46.2		33.1		53.2M	
DIVISION	27.5	- 8.5	29.1	- 7.9	46.7	3.4	54.5	.6	59.3	- 3.8	69.3	- 1.0	73.5	- .4	73.4	.9	64.6	- 1.8	55.4	- .7	45.2	.2	32.7	- 3.8	52.6	- 1.9
* * * SOUTHWESTERN MOUNTAIN																										
06																										
BLACKSBURG 2	27.0		26.1		41.9		50.4		55.8		65.1		70.7		70.4		61.0		52.0		41.9		31.1M		49.5M	
BRISTOL	33.1M		29.6M		48.7M		57.4M		62.3M		70.8M		74.1		74.5		66.3		-		-		-		-	
BURKES GARDEN	27.7	- 5.5	24.4	- 9.9	42.5	2.9	50.9	1.2	56.0M	- 1.8	64.4	- .5	67.4	- .5	67.4	.4	59.1	- 2.2	50.8	- .6	40.9M	.3	29.5M	- 4.1	48.4M	- 1.7
CHILHOWIE 1 S	28.1		25.9		42.2		53.0		57.9		66.3		71.2		71.4		61.9		52.9		41.3M		32.4M		50.4M	
FLOYD 2 NE	28.8		28.2		45.0M		51.5		57.0		66.4		69.7M		70.1		60.8		53.1M		42.9		31.1M		50.4M	
GALAX RADIO WBOB	30.4		28.9		45.5		53.0		58.8		67.5		71.1		71.8		61.4		53.6M		44.1		32.9		51.6M	
GLEN LYN	30.1		29.3M		46.3M		57.3M		61.4		71.5		74.1		74.1M		64.9M		56.8		45.9		34.7		54.0M	
GRUNDY 3 NW	34.4		37.3		51.6		57.4M		64.9		72.5		78.0		-		-		59.8		47.3		36.9M		-	
MARION EVAP STATION	30.4		27.7		44.6		54.2		59.1		67.6		71.4		71.8		64.3		54.7		43.6		33.4		51.9	
PENNINGTON GAP	35.4	- .7	29.4	- 8.2	48.8	5.2	56.4	2.5	62.3	- .8	70.5	.0	73.2	- .5	74.5	1.5	65.6M	- 1.7	56.1	- .4	45.0	1.0	33.7	- 3.1	54.2M	.5
PULASKI 2 E	29.8		28.4		46.0		53.0		58.1		67.8		71.6		71.4		62.3		54.4		44.3		34.0		51.8	
ROCKY KNDS	31.4		26.0		44.8		52.9		57.2		66.6		69.6		70.3		61.8M		53.2		43.0M		30.7		50.6M	
ST PAUL	33.3		30.4M		46.4		54.2		60.3		69.5		75.8		75.4		67.1		55.9		45.2		31.7		-	
SALTVILLE 1 N	31.5	- 5.1	29.9	- 7.8	45.8	2.1	56.2	1.5	61.6	- 2.6	70.7	- 1.1	74.7	.0	75.3	1.7	66.0	- 1.9	55.7M	- 1.3	45.4	- 1.4	34.0	- 2.8	53.7M	- 1.6
WISE 1 SE	31.7		26.0		45.9		53.2		58.8		68.5		69.5		70.0		62.8		53.0		42.5		31.7		50.9	
WYTHEVILLE 1 S	27.9	- 8.3	26.7M	-10.4	44.0	1.1	52.0	- 1.0	57.2	- 4.4	66.1	- 2.8	70.0	- 1.9	70.4	- .4	61.8	- 3.2	53.2	- 1.8	41.8	- 2.2	31.5	- 4.8	50.2M	- 3.4
DIVISION	30.7	- 4.9	28.4	- 8.4	45.8	3.1	53.9	.7	59.3	- 2.7	68.1	- 1.2	72.0	- .3	71.9	.0	63.1	- 2.4	54.3	- .9	43.6	- .1	32.6	- 3.4	52.0	- 1.6

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

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER IN 1968 WAS INCLUDED IN JANUARY, FEBRUARY, AUGUST, OCTOBER, AND NOVEMBER ISSUES OF THIS PUBLICATION.

VIRGINIA  
1968

		January		February		March		April		May		June		July		August		September		October		November		December		Annual		
Station		Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	
* * *																												
TIDEWATER 01																												
	BACK BAY WL REF	4.01		1.80		3.48		4.12		2.52		2.82		5.40		3.63		1.28		6.82		4.00		2.43		44.21		
	JOHANNON I NE	2.79		.92		5.15		2.86		5.59		4.82		6.16		3.13		1.63		2.21		3.25		2.93		42.51		
	POWELLS	3.96		.72		5.32		3.12		4.72		2.61		8.15		4.07		1.87		3.08		4.66		2.58		44.48		
	CAPE HENRY WB CITY	2.44	.54		2.27			3.21		2.83	.10	1.14		4.07	.92	1.82		1.32	2.63	3.39	.52	1.96	.86E	2.72	.06E	27.69	13.93	
	CHERTON	2.40		1.33		3.92		2.06		2.28		1.88		3.15		1.94		3.34		2.83		4.64		2.30		39.50		
	CHINCOTEAGUE WL REF	2.24	E	1.86		3.58		1.43		2.29		2.98		4.60		4.26		1.95		2.57		3.21		3.92		36.93		
	REEDS CREEK 4 SW	2.24	1.00		2.00		.52	1.77	.87	2.37	.19	4.05	.82	6.13	1.49	2.47	2.64	1.78	.70	4.70	.91	3.37	1.21	2.82	.54	36.03	8.86	
	DIAMOND SPRINGS	3.32	.11	.89	2.50		5.03	1.10	3.64	2.31	1.53	1.39	1.40	4.80	1.39	2.47	4.11	1.78	.70	4.70	1.53	3.49	.10	2.93	.02	37.07	10.57	
	DRIVER 4 NE	2.19		1.19		3.77		4.09		4.28		2.65		4.05		1.39		1.71		4.70		1.96		2.52		35.25		
	EMPHORIA I WNW	3.94	.03	.34	3.00		4.73		2.21	1.22	.40E	.06	3.51	.60	2.27	1.91	2.38	2.65	1.75	2.26	3.43	.97	3.41	.62	2.17	.82	35.04	10.05
	FOAT LEE	2.86		1.13		4.14		3.56		3.81		4.36		5.50		3.59		.86		1.98		3.58		2.45		37.62		
	FREDERICKSBURG NATL PK	2.70	.50	.36	2.02		4.48	1.20	1.39	1.71	.40	.64	3.56	.23	2.19	2.70	4.17	.92	2.65	.80	2.13	1.20	4.37	1.53	2.15	.65	34.40	6.89
	HOLLAND I E	3.65		.23		4.73		4.22		3.49		5.88		7.77		1.69		2.43		4.72		3.84		2.46		45.13		
	HOWELL	3.10	.03	1.19	1.57		4.24	1.08	3.62	.28	3.31	.66	3.58	.65	2.79	3.07	3.06	2.04	.85	2.88	.99	.01	3.18	.38	2.37	.41E	34.18	9.50
	LANGLEY AIR FORCE BASE	3.24	.01	1.19	1.83		4.00	.58	2.70	.33	.481	1.33	3.69	.59	2.68	2.65	1.42	3.71	2.43	1.55	2.97	.10	2.86	.07	2.98	.41	34.97	6.98
	NASSAWADOX	3.44		1.30		5.49		2.79		2.80		3.77		4.08		1.36		2.07		2.67		3.45		3.11		35.33		
	NELSONIA	-				4.22		1.52		-		3.22		3.68		-		1.40		-		-		-		-		
	NEWPORT NEWS PRESS BLD	4.07		1.																								

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA  
1968

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
LURAY 5 E	5.30		.08		4.27		1.56		5.27		3.59		4.80		1.61		2.33		2.84		4.77		1.34		37.76	
MANASSAS	2.60		.32		3.46		.95		4.16		4.80		1.65		2.33		1.65		2.65		3.99		1.10		29.02	
MOUNT WEATHER	1.87	1.80	.43	1.88	3.38	.12	1.83	1.48	3.29	1.00	3.18	.38	1.49	2.34	5.23	2.04	2.08	1.69	3.73	.03	3.45	1.40	1.32	1.11	34.64	6.09
PIEDMONT FIELD STATION	3.47		.29		3.31		1.50		4.34		4.22		3.62		5.96		2.01		3.17		4.68		1.59		38.17	
RAPIDAN	3.65		.18		3.74		1.21		5.93		6.48		3.42		3.47		1.65		2.76		4.10		1.93		38.52	
RIVERTON	2.61	.21	.03	1.96	3.06	.20	2.39	.29	5.14	1.27	1.87	1.34	3.69	.31	4.06	.30	4.43	1.57	2.81	.60	2.29	.08	.81	1.57	33.29	1.98
SOMERSET	3.55		.08		3.28		1.62		4.32		2.13		4.98		5.47		2.11		2.97		2.20		1.80		34.51	
THE PLAINS 2 NNE	3.07		.10		3.44		1.13		4.97		6.55		3.12		4.81		1.92		3.18		3.99		1.66		37.94	
VIENNA DUNN LORING	2.33		.63		3.87		1.47		6.05		5.47		1.74		4.92		5.89		2.67		4.27		2.28		41.59	
WARRENTON 3 SE	3.19		.25		3.99		1.49		3.65		5.21		2.70		3.52		1.14		2.76		4.13		2.16		34.19	
WASHINGTON	3.40		.06		3.08		1.25		4.36		3.09		3.65		3.94		4.52		3.71		3.98		1.56		36.60	
WASH DC DULLES WB AP	2.31		.68		3.36		1.29		5.90		5.20		4.08		4.90		2.10		2.77		3.57		2.32		38.48	
WASHINGTON WB NAT AP	1.97	1.06	.80	1.67	3.66	.45	1.53	1.62	4.23	.09	7.40	4.19	1.31	2.84	3.98	.95	2.97	.86	3.17	.10	3.62	.78	2.22	.56	36.83	3.95
WAVERLY HILLS	2.52		.24		3.74		1.70		3.30		2.70		3.84		3.74		3.02		2.87		3.34		2.13		31.61	6.66
WINCHESTER 1 N	2.79	.40	.14	1.98	3.94	.78	1.07	2.04	5.15	1.05	2.26	1.44	2.35	1.89	3.36	.80	3.35	.38	2.66	.79	3.28	.69	1.26	1.22	31.61	6.66
WOODSTOCK	1.97	.29	.07	1.67	3.40	.54	1.86	.97	4.57	.76	3.01	.82	5.00	1.20	2.24	2.02	1.93	.90	2.09	.81	3.32	1.19	1.27	.95	30.73	4.74
DIVISION	2.97	.16	.36	1.99	3.73	.36	1.43	1.90	5.03	.90	4.98	1.31	3.22	1.09	3.87	.69	2.60	.83	3.01	.44	3.96	1.13	1.72	1.07	36.69	4.15
CENTRAL MOUNTAIN 05																										
BUCHANAN	3.11	.14	.15	2.78	3.29	.52	2.19	1.16	2.46	1.58	2.10	2.22	2.60	1.81	5.32	.65	1.97	1.74	6.07	2.65	3.02	.07	1.45	1.55	33.93	10.27
BUENA VISTA	2.80		.18		3.12		2.48		3.07		2.42		1.05		3.12		1.42		5.35		2.90		1.49		30.46	
CATAMBA SANATORIUM	3.01	.12	.41	2.49	3.66	.05	3.46	.08	3.29	.72	2.85	1.17	3.04	1.52	3.92	.59	1.02	2.60	8.10	4.93	3.08	.49	1.91	1.02	37.73	4.73
CRAIGSVILLE	2.52	.47	.13	2.70	3.42	.50	2.36	.72	3.30	.68	2.02	1.69	4.34	.44	2.13	2.24	.77	2.34	7.09	4.15	3.11	.37	2.35	.60	33.56	7.18
COOTES STORE	1.79		.14		3.74		1.30		3.82		1.67		5.62		3.28		2.07		3.39		2.96		1.19		31.17	
COVINGTON	2.82		.15		1.97		1.79		2.76		1.04		3.66		2.48		.59		4.46		2.33		1.12		25.17	
COVINGTON FILL PLANT	2.25		.43		2.18		2.29		3.15		1.49		3.59		2.38		.60		4.93		2.62		1.53		27.44	
CRAIGSVILLE	1.90		.08		4.08		2.22		3.26		1.77		4.29		1.03		1.01		5.01		3.58		1.80		30.03	
DALE ENTERPRISE	1.05	1.11	.23	1.70	3.09	.22	1.42	1.17	3.48	.52	2.20	1.59	2.11	2.46	6.11	1.60	3.16	.02	3.42	.78	2.66	.56	1.27	.96	30.22	6.12
DEERFIELD 1 S	2.41		.39		4.76		2.63		3.19		1.95		3.68		1.20		1.94		5.00		3.41		1.91		32.41	
GLASGOW 1 SE	3.59		.17		3.55		2.47		3.06		2.62		3.14		3.29		2.41		8.56		3.10		2.15		38.11	
GOSHEN	2.57		.31		3.70		2.51		3.39		2.76		3.89		2.67		.80		5.79		2.95		1.72		33.06	
HOT SPRINGS	2.85	.16	.40	2.44	4.04	.11	3.42	.30	4.35	.68	2.68	1.49	6.24	2.06	2.94	1.66	.57	2.65	6.43	3.49	3.94	1.17	2.04	.84	39.93	1.43
KEARS CREEK 1 WSW	2.76		.24		3.74		2.70		3.54		2.35		3.47		3.74		1.22		6.70		3.29		2.15		35.81	
LEXINGTON	2.46	.62	.36	2.39	3.07	.54	2.30	.73	2.46	1.09	2.93	.65	3.28	.90	.93	3.10	1.35	2.04	5.70	2.83	2.68	.22	1.78	1.13	29.50	10.14
MC DOWELL	2.36		.49		3.89		1.80		2.84		2.69		1.45		1.38		1.18		4.16		2.47		1.82		26.53	
MONTREY	2.24		.25		3.50		2.94		4.56		3.14		2.66		2.19		1.14		5.03		2.50		1.21		31.36	
NEW CASTLE	3.82		.67		3.28		2.82		3.63		2.83		2.71		3.11		.96		6.27		2.92		1.73		34.95	
NORTH RIVER DAM	2.42	.26	.60	1.83	3.92	.58	2.02	1.19	4.59	.66	4.24	.03	3.50	1.52	2.28	2.61	1.68	2.01	4.44	1.40	3.75	1.04	1.26	1.35	34.70	7.06
PEAKS OF OTTER	2.68		.81		3.66		3.59		3.77		3.95		4.05		3.70		1.34		11.21		3.10		2.70		46.00	
ROANOKE WB AIRPORT	3.33	.21	.56	2.30	3.03	.50	2.73	.37	1.89	1.90	2.11	1.69	2.95	1.30	5.36	.73	.44	2.82	8.06	4.85	2.82	.12	1.80	1.18	35.08	6.13
STAUNTON SEWAGE PLANT	3.20	.33	.19	1.92	3.21	.04	3.57	1.41	3.83	.09	2.72	.97	3.56	.47	3.34	.48	2.27	1.02	2.99	.10	3.06	.65	4.46	2.26	30.38	7.04
STUARTS DRAFT	2.96		.41		3.56		1.69		3.99		3.28		2.64		3.65		1.66		2.88		3.79		.79		30.79	
TIMBERVILLE 3 E	2.28	.10	.48	1.55	3.63	.67	1.33	1.39	4.14	.38	4.10	.58	2.81	1.44	6.08	2.04	2.42	.98	3.17	.56	3.40	1.27	1.28	.89	35.12	.63
DIVISION	2.59	.31	.39	2.22	3.31	.18	2.48	.59	3.40	.46	2.88	.99	3.35	1.00	3.85	.59	1.48	1.89	5.92	2.90	3.01	.40	1.60	1.23	34.26	6.16
SOUTHWESTERN MOUNTAIN 06																										
ALLISONIA	3.74		.15		4.00		4.92		3.48		2.43		3.48		4.28		1.85		5.27		2.45		1.63		37.68	
BLACKSBURG 2	2.14		.36		3.04		3.88		3.45		3.22		2.38		3.73		1.18		4.78		2.63		2.06		33.45	
BLAND	2.45		.40		3.43		3.30		3.60		1.10		3.71		5.95		.85		3.95		1.55		1.55		31.84	
BRISTOL	1.40		.47		5.92		5.06		5.07		3.18		4.04		1.33		.30		3.88		1.61		2.63		34.89	
BURKES GARDEN	2.36	1.34	.39	3.07	2.95	1.46	4.61	1.33	5.70	1.76	2.12	1.95	5.90	1.09	1.82	2.50	1.49	1.74	4.01	1.62	1.94	1.05	2.43	.94	36.05	8.45
BYLESBY 3 W	4.23		.05		3.77		4.46		4.13		1.86		1.74		2.49		1.83		4.97		2.71		1.90		34.14	
CHILHOWIE 1 S	4.40		.45		3.57		4.82		5.60		1.51		3.28		4.59		1.42		4.54		2.13		2.49		38.80	
CLINCHCO	2.26		.41		5.50		3.63		5.09		3.15		4.													

Table 3

## TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA  
1968

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.								
* * *																														
TIDEWATER 01																														
BACK BAY WL REF	95	8-23	18	2-11	NONE		2-14	20	2-27	22	3-14	28	3-15	32	11-10	32	12-8	25	12-9	23	12-16	20	NONE		14	293	286	269	240	
BOHANNON 1 NE	96	8-23	9	2-11	2-22	11	2-27	17	3-14	24	3-14	24	4-7	30	10-30	31	11-21	23	11-21	23	12-10	20	12-11	14	293	287	252	232	206	
BOYKINS	100	8-24	9	2-12	2-27	14	2-27	14	3-14	22	3-25	28	4-12	32	10-5	31	10-31	26	11-21	20	11-21	20	12-11	15	288	268	252	220	176	
CAPE HENRY WB CITY	98	7-2			NONE		2-12	20	2-27	24	3-4	26	3-15	29																
CHERTON	96	7-2	12	2-21	2-22	16	3-7	20	3-7	20	3-14	26	4-8	30	11-19	29	11-20	20	11-20	20	11-20	20	NONE			258	258	251	225	
CHINCOTEAGUE WL REF	96	7-1	11	1-12	2-22	14	2-22	14	3-14	24	3-15	28	4-7	32	11-21	29	12-8	27	12-10	17	12-10	17	NONE			292	271	268	228	
COLDEN BEACH																														
DIAMOND SPRINGS	97	8-26	14	2-11	2-11	14	2-27	18	2-27	18	3-15	27	3-24	32	11-20	32	12-8	26	12-9	24	12-12	19	NONE			289	286	268	241	
FORT LEE	100	8-25	8	2-22	2-22	8	2-27	17	3-14	22	3-14	22	4-7	32	10-30	30	10-31	27	11-21	20	11-21	20	12-10	15	292	268	252	231	206	
FREDERICKSBURG NATL PK	100	7-2	1	1-8	3-4	15	3-14	15	3-25	22	4-7	26	4-12	30	10-5	29	10-31	25	11-14	24	11-21	18	12-10	14	281	252	234	212	176	
HOLLAND 1 E	98	8-25	9	2-11	2-27	14	2-27	14	3-14	24	3-25	27	3-25	27	10-27	31	10-31	28	11-21	22	12-8	20	12-10	16	287	285	252	220	216	
HOPEWELL	96	8-26	10	2-11	2-22	12	2-27	17	2-27	17	3-9	28	3-25	29	10-29	32	10-30	28	11-21	21	12-8	20	12-11	13	293	285	268	235	218	
LANGLEY AIR FORCE BASE	98	7-2	13	2-11	2-19	16	2-27	19	3-8	24	3-14	24	3-24	32	11-21	29	12-8	26	12-9	24	12-11	20	NONE			288	274	269	242	
NASSAUX	99	7-2	8	1-12	2-27	15	2-27	15	3-14	24	4-7	28	4-7	28	10-31	30	11-21	24	11-21	24	12-10	20	12-11	15	288	287	252	228	207	
NELSONIA							3-3	20	3-14	22	4-7	25	4-12	30	11-21	27	11-21	27											228	223
NEWPORT NEWS PRESS BLD	102	7-1	11	2-19	2-19	11	2-22	18	3-4	24	3-15	27	3-24	32	11-21	30	12-8	26	12-10	21	12-11	19	NONE			293	281	268	242	
NORFOLK WB AIRPORT	99	8-23	14	2-11	2-27	16	2-27	16	3-4	24	3-15	27	3-24	32	11-20	32	12-9	26	12-11	21	12-12	19	NONE			289	285	268	241	
PAINTER 2 W	98	7-2	7	2-12	2-27	13	3-8	20	3-15	23	4-7	26	4-7	26	10-31	28	10-31	28	12-7	22	12-10	20	12-11	15	288	277	267	207	207	
PARKMORE BEACH L B S							1-17	5																						
QUANTICO 1 S	98	7-2	2	1-8	2-23	12	3-4	19	3-14	22	3-14	22	3-25	32	10-31	31	11-14	26	12-9	24	12-10	17	12-11	12	292	281	270	245	220	
STONY CREEK 4 SW	102	7-1	8	12-11	2-28	12									10-6	27	10-6	27	11-21	19	11-21	19	12-11	8	287					
SUFFOLK LAKE KILBY	99	6-30	13	2-12	2-27	16	2-27	16	2-28	24	3-15	28	3-25	30	10-31	31	11-21	24	11-21	24	12-9	20	NONE			286	267	251	220	
SUNNYBANK	95	8-25	12	2-12	3-1	16	3-1	16	3-1	16	3-14	25	4-7	32	10-31	30	11-21	28	12-10	19	12-10	19	12-11	13	288	284	277	252	207	
TANGIER ISLAND	93	7-27	18	1-9	NONE		1-10	19	1-11	23	3-4	27	3-7	32	12-7	31	12-10	27	12-19	24	NONE						343	281	275	
URBANNA	96	7-2	8	1-12	2-22	14	2-27	17	3-14	23	3-14	23	4-7	32	11-11	32	11-21	23	11-21	23	12-8	20	12-11	12	293	285	252	252	218	
WALKERTON 2 NW	99	7-1	1	1-26	3-4	16	3-8	18	3-25	23	4-16	27	4-17	31	10-5	28	10-5	28	10-31	23	11-21	17	12-8	14	279	258	220	172	171	
WALLOPS ISLAND WB	99	8-23	10	1-12	2-22	13	2-27	18	3-14	23	3-14	23	4-7	32	11-20	31	11-21	26	12-10	17	12-10	17	NONE			287	271	252	227	
WARSAW 2 NW	97	6-30	4	1-12	2-27	16	3-3	19	3-14	21	3-25	28	4-12	32	10-6	32	10-31	26	12-10	17	12-9	20	12-10	16	287	281	245	220	177	
WEST POINT 2 SW	98	7-2	6	12-11	2-27	13	2-27	13	3-14	23	3-25	25	4-12	30	10-5	31	10-30	27	11-21	19	11-21	19	12-11	6	288	268	252	219	176	
WILLIAMSBURG 2 N	97	8-24	7	2-11	2-23	13	3-1	20	3-14	24	3-25	28	5-7	32	10-30	30	11-21	22	11-21	22	12-8	20	12-11	12	292	282	252	241	176	
* * *																														
EASTERN PIEDMONT 02																														
ASHLAND 1 SW				5-12	3-14	16	3-15	20	3-15	20	3-15	20			10-6	30	10-31	24	10-31	24	11-21	17	12-10	16	271	251	230	230		
BLACKSTONE FAA AP	99	7-1	6	2-11	2-22	7	3-14	17	3-14	17	3-25	27	4-7	31	10-31	29	11-21	20	11-21	20	11-21	20	12-11	11	293	252	252	241	207	
CHASE CITY			8	2-22	2-24	15	3-14	20	3-14	20	3-24	28	4-7	32	10-27	32	11-11	26	11-21	19	11-21	19	12-11	14	291	252	252	232	203	
COLUMBIA	101	7-2	2	1-12	2-28	15	3-14	17	3-25	24	4-7	28	5-7	30	10-5	29	10-6	28	10-31	24	11-21	18	12-10	15	286	252	220	182	151	
CORBIN	97	7-2	4	1-8	3-14	16	3-14	16	3-14	16	4-7	28	5-7	29	10-5	30	10-31	25	11-21	19	11-21	19	12-10	13	271	252	252	207	151	
FARMVILLE 2 N	98	8-25	1	2-22	3-14	15	3-14	15	4-7	23	4-12	28	5-7	30	10-5	26	10-5	26	10-31	24	11-21	17	12-8	16	269	252	207	176	151	
JOHN H KERR DAM	102	8-26	6	12-12	2-28	8	3-14	19	3-14	19	3-25	25	4-17	30	10-5	27	10-5	27	10-31	23	11-21	18	12-10	13	286	252	231	194	171	
LAWRENCEVILLE 5 W	99	7-1	5	2-12	2-27	13	3-14	18	3-25	22	4-7	28	4-12	29	10-5	30	10-31	26	11-21	19	11-21	19	12-11	9	288	252	241	207	176	
LOUISA	98	7-1	2	2-22	3-14	15	3-14	15	3-14	15	4-7	27	5-7	30	10-5	30	10-31	24	10-31	24	12-10	15	12-10	15	271	271	231	207	151	
NEW CANTON	98	7-1	1	2-22	3-14	16	3-14	16	3-25	23	4-12	28	5-7	29	10-5	29	10-6	28	10-31	23	11-21	15	11-21	15	252	252	220	177	151	
PARTLOW 3 WNW																														

Table 3—Continued

## TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA  
1968

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.					
* * *																													
CENTRAL MOUNTAIN 05																													
BUCHANAN	99	7-1+	-	-	2-27	9	3-14	17	3-14	17	4-2	27	5-7	29	10-5	27	10-5	27	11-21	20	11-21	20	12-11	9	288	252	252	186	151
CATAMBA SANATORIUM	94	6-30	-	-	3-14	14	3-14	14	3-24	22	3-24	22	5-7	32	10-5	30	11-20	22	11-20	22	12-9	19	12-11	11	272	270	241	241	151
COVINGTON FILT PLANT	98	7-1+	1	2-22	3-14	15	3-14	15	3-14	15	5-7	28	5-7	28	10-5	28	10-5	28	10-31	23	12-7	17	12-10	14	271	268	231	151	151
DALE ENTERPRISE	97	7-1+	4	1-2	3-14	13	3-14	13	3-14	13	4-12	28	5-8	32	10-5	29	10-31	24	10-31	24	11-14	18	12-10	10	271	245	231	202	150
HOT SPRINGS	93	7-2+	2	1-8	3-15	13	3-24	20	3-24	20	4-16	28	5-8	31	10-5	27	10-5	27	11-14	19	11-14	19	12-11	10	271	235	235	172	150
LEXINGTON	99	6-30	1	2-22	3-14	16	3-14	16	3-26	23	4-2	27	5-7	29	10-5	26	10-5	26	11-14	23	11-21	18	12-10	13	271	252	233	186	151
MONTEREY	90	8-23	6	2-18+	3-15	15	3-15	15	5-7	24	5-7	24	5-7	24	10-5	25	10-5	25	10-29	22	11-11	20	11-20	8	250	241	175	151	151
PEAKS OF OTTER	-	-	2	12-11+	-	-	-	-	-	-	-	-	-	-	10-30	29	11-10	28	11-11	23	11-21	18	12-9	14	-	-	-	-	-
ROANOKE WB AIRPORT	97	7-1+	7	12-11	2-27	14	3-14	18	3-14	18	3-14	18	4-2	30	10-5	30	10-31	28	12-7	24	12-9	17	12-11	7	288	270	268	231	186
STAUNTON SEWAGE PLANT	-	-	6	2-18	2-28	15	3-14	17	3-23	21	5-7	28	5-7	28	10-5	30	10-31	22	10-31	22	11-11	20	12-9	14	285	242	222	177	151
TIMBERVILLE 3 E	97	6-30	-13	1-2	3-14	16	3-14	16	3-14	16	5-7	27	5-8	30	10-5	28	10-5	28	10-31	23	11-14	20	12-10	16	271	245	231	151	150
* * *																													
SOUTHWESTERN MOUNTAIN 06																													
BLACKSBURG 2	90	7-6+	-5	1-17	3-15	16	3-26	20	5-7	24	5-7	24	5-22	31	10-5	22	10-5	22	10-5	22	10-31	20	11-14	12	244	219	151	151	136
BRISTOL	95	8-22+	-	-	3-14	15	3-14	15	4-25	23	4-25	23	4-25	23	-	-	-	-	-	-	-	-	11-21	15	252	-	-	-	-
BURKES GARDEN	89	7-1	-8	1-17	3-24	13	3-24	13	4-12	24	5-7	23	5-22	30	10-5	27	10-5	27	10-31	21	11-19	18	11-20	16	241	240	202	151	136
CHILHOWIE 1 S	92	8-24+	-6	2-22	3-14	11	3-25	18	4-16	24	5-6	28	5-7	29	10-4	32	10-5	23	10-5	23	11-14	17	11-21	12	252	234	172	152	150
FLOYD 2 NE	92	6-30	-9	1-12	3-14	13	3-24	17	5-7	24	5-7	24	5-22	30	10-5	22	10-5	22	10-5	22	10-31	20	11-14	12	244	221	151	151	136
GALAX RADIO WDOB	94	6-30	-3	2-22+	3-14	13	3-14	13	4-2	24	5-6	27	5-22	31	10-5	24	10-5	24	10-5	24	11-14	19	12-7	16	268	245	186	152	136
GLEN LYN	100	6-30	-1	2-22	3-14	15	3-14	15	3-24	24	4-2	28	5-7	31	10-5	28	10-5	28	11-14	22	12-7	19	12-10	13	271	268	235	186	151
GRUNDY 3 NW	-	-	4	1-17+	2-25	16	3-5	19	3-6	21	3-8	24	4-17	30	10-27	29	10-30	28	11-22	24	12-7	19	12-10	12	289	277	261	234	193
MARION EVAP STATION	92	8-22	-2	2-22	3-14	14	3-25	20	3-24	24	4-16	27	5-6	31	10-5	26	10-5	26	10-27	24	11-14	16	11-21	15	252	234	215	172	152
PENNINGTON GAP	95	8-22	-2	2-22	3-14	15	3-14	15	3-25	22	4-2	27	5-7	30	10-5	26	10-5	26	10-30	22	12-6	18	12-9	11	270	267	219	186	151
PULASKI 2 E	96	6-30	-4	1-17	3-14	13	3-14	13	4-2	22	5-7	24	5-7	26	10-5	25	10-5	25	10-31	22	11-14	19	12-7	14	268	245	212	151	151
ROCKY KNOB	88	7-2	-2	12-16	3-24	16	3-24	16	3-24	16	3-25	28	5-6	32	10-27	30	11-10	27	11-13	24	11-20	18	12-5	15	256	241	234	230	174
ST PAUL	98	8-23	0	2-19	3-14	13	3-25	20	3-26	24	-	-	5-7	30	10-5	32	10-27	23	10-27	23	11-14	20	11-21	13	252	234	215	-	151
SALTVILLE 1 N	96	8-23+	4	2-22	2-28	15	3-14	19	3-24	24	3-26	28	4-16	32	10-5	29	10-6	28	11-12	24	11-14	19	12-11	14	287	245	233	194	172
WISE 1 SE	89	8-22+	-10	2-22	3-14	12	3-25	20	3-25	20	5-6	28	5-7	29	10-4	32	10-5	23	10-5	23	10-30	20	11-21	12	252	219	194	152	150
WYTHEVILLE 1 S	93	8-22+	-9	1-17	3-14	9	4-2	20	5-7	23	5-7	23	5-22	29	10-4	30	10-5	20	10-5	20	10-5	20	11-26	15	257	186	151	151	135

## TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
* * *													
TIDEWATER 01													
HOLLAND 1 E	EVAP	-	-	-	5.278	6.94	7.768	6.56	7.59	5.60	4.248	-	-
	DEP	-	-	-	-	.04	.03	1.13	.99	.68	.67	-	-
	WIND	-	-	-	18018	2013	1363	1180	1310	1039	1296	-	-
	MAX	-	-	-	73.7	81.5	91.9	94.4	95.5	85.5	74.2	-	-
	MIN	-	-	-	49.1	57.0	67.5	72.0	71.5	62.8	55.0	-	-
* * *													
EASTERN PIEDMONT 02													
JOHN H KERR DAM	EVAP	-	-	-	4.59	5.35	7.408	6.818	7.58	5.488	3.768	-	-
	WIND	-	-	-	1140	1260	938	637	835	576	758	-	-
* * *													
WESTERN PIEDMONT 03													
PHILPOT DAM 2	EVAP	-	-	-	3.388	3.998	4.768	5.038	5.118	3.918	2.388	-	-
	WIND	-	-	-	6778	663	408	272	240	188	504	-	-
* * *													
SOUTHWESTERN MOUNTAIN 06													
MARION EVAP STATION	EVAP	-	-	-	3.86	4.39	5.108	5.198	5.188	4.26	2.908	1.148	-
	WIND	-	1967	1838	842	1123	763	-	-	855	975	11758	-
	MAX	-	-	-	67.6	74.7	86.6	87.7	88.6	78.8	64.9	-	1994
	MIN	-	-	-	48.2	55.3	64.1	66.8	66.7	55.8	47.6	-	-

JOHN KERR DAM - STAINLESS STEEL PAN  
PHILPOT DAM 2 - STAINLESS STEEL PAN

# STATION INDEX

VIRGINIA  
1968

Station	Index No.	Division No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Months opened	Months closed	Refer to tables	Station	Index No.	Division No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Months opened	Months closed	Refer to tables
ABINGDON	0013	04	WASHINGTON	8	36 42	82 00	2000							MARION EVAP STATION	5271	04	SNYTH	8	36 49	81 31	2100	9					1 2 3 4
ALEXANDRIA CITY GARAGE	0090	04	WASHINGTON	13	38 48	77 05	70	11	11				1 2 3	MARTINSVILLE FILT PL	5300	03	HENRY	7	36 42	79 53	760	30	38				1 2 3
ALLISON	0135	06	PULASKI	11	16 56	80 45	1870	17					2	MC DOWELL	5414	05	HIGHLAND	9	38 20	79 30	2000						2
ALFAYVILLE	0166	03	CAMPBELL	15	37 06	79 18	510	23					2	MC GHEESVILLE 2 S	5425	05	ROCKINGHAM	16	38 21	78 44	1050						2
AMPSVILLE	0193	04	RAPPAHANNOCK	14	38 41	78 01	550	23					2	MEADOWS OF DAN 5 SW	5453	03	PATRICK	7	36 40	80 27	1500	19					2
APPOMATTOX 3 W	0243	03	APPOMATTOX	9	37 22	78 53	925	7	30				1 2 3	MENDOTA	5501	06	WASHINGTON	8	36 42	82 19	1350	61					2
ASHLAND 1 SW	0327	02	HANOVER	9	37 45	77 29	220	56	56				1 2 3	MONTEBELLO 3 NE	5685	03	NELSON	9	37 53	79 06	2450	31					2
BACK BAY WL REF	0388	01	PRINCESS ANNE	2	36 40	75 58	5	10	16				1 2 3	MONTEBELLO FISH HRSY	5690	03	NELSON	9	37 51	79 06	1875	47					2
BEDFORD	0551	03	BEDFORD	15	37 21	79 31	975	40	54				1 2 3	MONTEREY	5698	05	HIGHLAND	13	38 25	79 35	2910	27	43				1 2 3
BERRYVILLE	0670	04	CLARKE	16	39 09	77 59	580	17	27				1 2 3	MOORES CREEK DAM	5729	05	ROCKBRIDGE	9	37 45	79 38	1600	33					2
BIG MEADOWS	0720	04	PAGE	14	38 31	78 26	3535	33	33				1 2 3	MOUNT WEATHER	5851	04	LOUDOUN	13	39 04	77 53	1720	64	65				1 2 3
BLACKSBURG 3 SE	0766	06	MONTGOMERY	11	37 11	80 25	2000	17	17				1 2 3	NASSAWADOX	5931	01	NORTHAMPTON	2	37 28	75 52	35	12	12				1 2 3
BLACKSTONE FAX AP	0773	02	NOTTOWAY	12	37 05	77 57	440	23	23				1 2 3	NELSONIA	5983	01	ACCOMACK	2	37 42	75 55	47	10	10				1 2 3
BLACKSTONE WATER WORKS	0778	02	NOTTOWAY	12	37 05	78 01	423						2	NENNING GAP	6004	02	BUCKINGHAM	7	37 42	78 18	300	73	73				2
BLAND	0792	06	BLAND	11	37 04	81 07	2000	18					2	NEW CASTLE	6012	05	CRAIG	9	37 30	80 04	1325	31					2
BONANNOON 1 NE	0895	01	MATHEWS	5	37 25	76 22	8	18	18				1 2 3	NEWPORT 2 NW	6046	06	GILES	9	37 19	80 31	1900	23					2
BOYKINS	0956	01	SOUTHAMPTON	10	36 39	77 42	40	15	15				1 2 3	NEWPORT NEWS PRESS BLD	6054	01	PRINCESS ANNE	2	36 59	76 26	25	47	47				1 2 3
BREMO BLUFF	0993	02	FLUVANNA	9	37 42	76 18	225	28					1 2 3	NORFOLK WB AIRPORT	6139	01	PRINCESS ANNE	2	36 54	76 12	22	23	23				1 2 3
BRISTOL	1037	06	WASHINGTON	8	36 36	82 10	1998	35	35				1 2 3	NORTH RIVER DAM	6199	05	AUGUSTA	16	38 22	79 18	2400	30					2
BROOKNEAL	1082	03	CAMPBELL	15	37 03	78 57	500	19					2	PAINTER 2 W	6475	01	ACCOMACK	2	37 35	75 49	30	13	13				1 2 3
BUCHANAN	1121	05	BOTETOURT	9	37 32	79 41	875	50	67				1 2 3	PALMYRA 1 E	6491	02	FLUVANNA	9	37 52	78 15	410	12					2
BUCKINGHAM	1136	02	BUCKINGHAM	9	37 33	78 33	485	33					2	PANAMORE BEACH L S	6528	01	ACCOMACK	2	37 34	75 38	5	5	5				2
BUENA VISTA	1159	05	ROCKBRIDGE	9	37 43	79 22	1600	45	45				1 2 3	PARTLOW 3 NW	6553	02	SPOTSYLVANIA	13	38 03	77 42	250	17	17				1 2 3
BURKES GARDEN	1209	06	TAZEWELL	11	37 03	81 20	3300	71	73				1 2 3	PEAKS OF OTTER	6573	05	BOTETOURT	15	37 28	79 36	2605	10	10				1 2 3
BYLLESBY 3 W	1259	06	CARROLL	11	36 48	80 59	2413	3					2	PELODAR DAM	6593	03	AMHERST	9	37 40	79 17	1013	34					2
CAPE HENRY WB CITY	1471	01	PRINCESS ANNE	2	37 54	75 22	160	94					1 2 3	PENNING GAP	6626	04	LEE	9	36 54	78 43	325	36					1 2 3
CATAWBA SANATORIUM	1471	05	ROANOKE	9	37 23	80 05	1890	57	57				1 2 3	PHILPOT DAM 2	6692	03	HENRY	7	36 47	80 02	1123	14	16				1 2 3
CHARLOTTE COURT HOUSE	1589	03	CHARLOTTE	15	37 03	78 38	560	22	22				1 2 3	PIEDMONT FIELD STATION	6712	04	ROANOKE	17	38 13	78 07	500	21	22				1 2 3
CHARLOTTESVILLE 2 W	1687	01	ALLEGANY	13	38 02	78 31	870	65	92				1 2 3	PILOT ONE	6723	06	MONTGOMERY	11	37 04	80 21	2176	27					2
CHARLOTTESVILLE 1 W	1590	03	ALLEGANY	9	38 02	78 31	940	18	7				1 2 3	POMHATAN 5 SW	6909	02	AMELIA	9	37 29	77 38	260	19	19				1 2 3
CHASE CITY	1608	02	MECKLENBURG	15	36 50	78 26	510	21	21				1 2 3	PULASKI 2 E	6955	06	PULASKI	11	37 03	80 45	1850	8	8				1 2 3
CHATHAM 2 NE	1614	03	PITTSYLVANIA	9	36 50	79 22	700	45	45				1 2 3	QUANTICO 1 S	6979	01	PR. WILLIAM	13	38 03	77 19	12	08	08				1 2 3
CHESTER	1636	01	NORTHAMPTON	2	37 17	75 58	11	32	41				1 2 3	RADFORD	6999	04	PULASKI	11	37 08	80 33	1730	1					2
CHILHOWIE 1 S	1679	04	SMYTH	9	36 47	81 41	2000	17	17				1 2 3	RADFORD 5 SW	7004	04	PULASKI	13	37 08	80 36	1980	63					2
CHIMCOTEAQUE WL REF	1687	01	ACCOMACK	2	37 54	75 22	160	94					1 2 3	RANDOLPH	7025	03	CHARLOTTE	15	36 54	78 43	325	36					2
CHURCHVILLE	1708	05	AUGUSTA	16	38 14	79 10	1475	7					2	RAPIDAN	7033	04	ORANGE	14	38 18	78 04	300	23					2
CLARKSVILLE	1746	02	MECKLENBURG	15	36 38	78 33	325	77					2	RICHMOND WB AP	7201	02	HENRICO	9	37 30	77 20	164	31	31				1 2 3
CLIFTON FORGE	1749	04	ALLEGANY	9	37 48	78 53	1600	45	45				1 2 3	RICHMOND WB AIRPORT	7209	04	WARREN	16	38 56	78 12	550	37					2
CLINCHCO	1808	09	DICKENSON	3	37 10	82 15	1530	1					1 2 3	ROANOKE	7289	03	ROANOKE	17	37 19	78 01	1145	34					1 2 3
COLONIAL BEACH	1919	01	WESTMORELAND	13	36 15	76 58	10	6	6				1 2 3	ROCKFISH	7312	03	NELSON	9	37 48	78 45	445	31					2
COLUMBIA	1928	02	GOOCHLAND	9	37 48	78 09	300	66	70				1 2 3	ROCKY KNOB	7330	04	FLOYD	11	36 51	80 22	3075	27	27				2
CONCORD 5 S	1959	03	CAMPBELL	15	37 17	78 58	500	66	70				2	ROCKY MOUNT	7338	03	FRANKLIN	19	37 02	79 54	1232	75	75				1 2 3
COTTON STORE	1984	05	ROCKINGHAM	16	38 38	78 51	1070	26					2	ST PAUL	7492	06	WISE	6	36 54	82 19	1500	9	9				1 2 3
COPPER HILL	1999	06	FLOYD	11	37 03	80 40	2720	27					1 2 3	SALTVILLE 1 M	7506	04	SMYTH	6	36 53	81 46	1735	50	52				1 2 3
CORBIN	2009	02	CAROLINE	14	38 12	77 22	220	10	10				1 2 3	SMITHFIELD 3 NE	7864	01	ISLE OF WIGHT	9	37 01	76 37	37	27					2
COVINGTON	2041	05	ALLEGANY	9	37 48	80 00	1245	31					2	SOMERSET	7904	04	ORANGE	14	38 14	78 15	390	20					2
COVINGTON FILT PLANT	2041	05	ALLEGANY	9	37 48	80 00	1245	31					1 2 3	SPEEDWELL	7971	06	WYTHE	11	36 49	81 10	2340	18					2
CRAIGSVILLE	2064	09	AUGUSTA	9	37 48	79 23	1600	45	45				1 2 3	SPRING CREEK 2	7997	06	TAZEWELL	6	37 01	81 39	2340	18					2
CULPEPER	2155	04	CULPEPER	14	38 29	77 59	475	59	61				1 2 3	STAFFORDSVILLE 3 N	8022	06	GILES	11	37 16	80 44	1825	27					2
DALE ENTERPRISE	2208	05	ROCKINGHAM	16	38 27	78 56	1400	86	88				1 2 3	STAR TANNERY	8046	04	FREDERICK	16	39 05	78 26	950						2
DANMUSC	2216	05	WASHINGTON	8	36 38	81 48	1950	42					2	STATE FARM	8054	02	GOOCHLAND	9	37 38	77 48	180	30					2
DANVILLE-BRIDGE ST	2248	03	PITTSYLVANIA	7	36 35	79 23	410	51	78				1 2 3	STANTON SEWAGE PLANT	8062	05	AUGUSTA	16	38 09	79 02	1385	76	82				1 2 3
DAVENPORT 2 NE	2258	06	BUCHANAN	9	37 43	79 23	1600	45	45				2	STONY CREEK 4 SW	8125	01	SUSSEX	12	36 56	77 28	140	9	9				1 2 3
DEERFIELD 1 S	2315	05	AUGUSTA	9	38 10	79 22	1720	42					2	STUART 1 SE	8170	03	PATRICK	7	38 38	80 10	1450	9					2
DELAWARE 1 NW	2326	04	FAUQUIER	13	38 54	77 56	520						1 2 3	STUARTS DRAFT	8172	05	AUGUSTA	16	38 00	79 03	1450	20					2
DIAMOND SPRINGS	2364	01	PRINCESS ANNE	5	36 54	76 12	25	60	60				1 2 3	SUFFOLK LAKE KILBY	8192	01	HANOVER	2	36 44	76 36	22	22	22				1 2 3
DRIVER 4 NE	2364	01	MANASSAS	2	36 54	76 12	25	60	60				1 2 3	SUNNYSIDE	8224	01	H. HUMBOLDT	9	37 59	76 16	15	17	17				2
ELKWOOD 6 SE	2729	04	CULPEPER	14	38 27	77 46	300	28	28				1 2 3	TANGIER ISLAND	8323	03	ACCOMACK	5	37 50	76 00	8	16	16</				

# REFERENCE NOTES

VIRGINIA  
1968

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

NORMALS for all stations are climatological normals based on the period 1931-1960. "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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