

U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
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# CLIMATOLOGICAL DATA

VIRGINIA

ANNUAL SUMMARY 1960

Volume 70

No. 13



ASHEVILLE: 1961

# AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

VIRGINIA  
1960

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
ALEXANDRIA CITY GARAGE	36.3		36.4M		33.4		58.5		61.4		72.0		74.4		77.2		69.4		56.8		44.6		28.5		54.3	
ALEXANDRIA POTOMAC YDS	37.5						60.3		63.7		74.6		76.9		78.6		71.3		59.2		50.6		32.6		55.1	
ASHLAND 1 SW	36.8		37.5		33.8		59.4		63.0		71.9		75.6		76.9		69.5		58.0		47.9		30.6M		55.1	
BACK BAY WILDLIFE RFG	43.4		42.5		38.9		61.6		65.8		74.1		76.6		78.5		73.5		62.9		54.4M		38.6		59.2	
BALCONY FALLS	36.2		34.8		32.3		58.2		62.1		71.7		74.3		76.3		68.9		57.0		45.7		28.9		53.9	
BEDFORD	39.9		38.4		36.0		61.1		63.7		73.0		75.8		77.4		69.3		59.4		49.0		34.9M		56.5	
BERRYVILLE	34.9		33.7		30.9		56.4		59.8		69.1		71.9		74.6		66.6		54.7M		45.9		26.7		52.1	
BIG MEADOWS	30.7		27.5		22.9		52.3		53.2		62.3		66.7		67.6		60.1		49.9		42.3		25.4		46.7	
BLACKSBURG 2	34.3		31.6		27.7		56.3		57.8		66.6		70.2		71.8		65.3		54.7		43.0		27.1		50.4	
BLACKSTONE FAA AIRPORT	39.5		39.3		36.0		61.7		64.7		74.1		76.3		77.5		69.9		59.2		50.2		35.2		57.0	
BOYKINS	43.1		42.8		39.7M		64.0M		67.6		75.5		76.7		78.7		71.9		62.1M		52.1		36.9		59.2	
BRISTOL	37.9M		38.1M		33.3		59.4M		62.0M		71.7M		74.0M		74.9		70.4M		59.6M		47.4M		32.9		55.1	
BUCHANAN	39.1	- .3	37.8	- 2.0	34.8	-12.0	59.6	3.3	62.7	- 2.6	72.2	- .6	75.1	- .9	77.0	2.3	69.4	.5	59.3	1.1	47.7	1.1	31.7	- 6.7	55.5	- 1.4
BURKES GARDEN	32.7	- 1.3	30.0	- 4.4	25.3M	-15.1	52.5	2.9	55.4	- 2.3	64.6	- .6	66.6	- 1.3	68.9	1.8	63.0	1.7	52.1	.7	41.1M	.7	27.3	- 6.3	48.3	- 2.0
CAPE HENRY WB CITY	42.8		42.6		38.7		62.0		65.1		74.8		76.6		78.7		73.4		63.0		54.2		38.3		59.2	
CATANBA SANATORIUM	36.1	- .8	34.8	- 2.4	31.5	-12.4	58.8	5.1	60.5	- 2.2	69.5	- .4	72.3	- .7	73.7	1.8	66.5	.1	56.4	- .3	47.1	1.7	31.4	- 5.8	53.2	- 1.4
CHARLOTTE COURT HOUSE	37.7		37.0		34.4		60.4		63.3		72.6		75.4		76.6		68.9		59.0		48.0		33.3M		55.6	
CHARLOTTESVILLE 2 W	38.3		36.9	- 1.6	34.3	-11.6	61.6	5.3	63.4	- 3.0	73.0	- .9	75.7	- 1.6	76.8		69.6	- .3	59.1	- .7	50.6	2.4	33.7	- 4.8	56.1	- 1.2
CHARLOTTESVILLE 1 W	39.8		38.7		35.4		61.6		63.9		73.1		75.8		77.4		69.8		58.6		49.4		33.4		56.4	
CHASE CITY	40.7		40.3		37.0		62.5		65.6		75.0		76.9		77.6		69.9		60.1		51.5		36.9		57.8	
CHATHAM 2 NE	38.9	- .9	37.4	- 3.2	35.1	-12.5	60.5	3.4	63.7	- 2.6	72.8	- 1.3	75.9	- 1.1	76.9	1.4	69.1	- .7	59.8	- .6	48.3	.5	34.2	- 5.2	56.1	- 1.8
CHERITON	41.4		41.7		37.1		61.7		65.5		74.3		75.7		78.4		72.2		61.4		52.3		36.3M		58.2	
CHILHOWIE 1 S	35.3		33.7		29.0M		53.7		57.7		66.9		69.3		70.9		66.3		55.6		43.1		29.5		50.9	
COLUMBIA	37.4M	- 1.0	37.0	- 1.9	33.8	-12.9	59.5	3.3	62.8	- 3.3	72.2	- 2.0	75.2	- 2.4	76.8	.8	68.7	- .9	57.3	- 1.1	46.7	- .6	30.6	- 7.8	54.8	- 2.5
CORBIN	37.4		37.0		34.0		60.1		62.3		72.0		74.9		76.6		69.1		57.7		48.1		30.4		55.0	
COVINGTON FILT PLANT																			56.7M		46.1		29.8			
CROZET 2 N	39.4		37.6		34.9		61.6		63.1		72.5		75.1		77.5		69.5		58.1		48.8		31.4		54.8	- 1.8
CULPEPER	38.4	1.2	37.7	- .2	34.8	-11.3	60.1	4.4	61.6	- 4.0	71.9	- 1.5	74.8	- 2.2	76.6	1.6	69.0	.0	56.5	- 1.9	46.8	- .1	29.3	- 8.0	54.8	- 1.8
DAHLGREN WEAPONS LAB																			58.9		47.5		30.8			
DALE ENTERPRISE	34.6	- 1.0	32.4	- 3.8	29.1	-13.9	56.5	3.9	59.6	- 1.9	68.7	- 1.4	71.7	- 1.8	73.7	2.0	66.1	.0	54.7	- 1.3	44.6	.2	27.9	- 7.9	51.6	- 2.3
DANVILLE	40.1M	- 1.6	39.8M	- 2.6	35.7M	-13.8	63.4M	4.4	65.7	- 2.3	73.9M	- 2.1	76.0M	- 2.6	77.9M	.5	69.5	- 2.1	60.2M	- .6	50.2	.8	35.4	- 5.7	57.3	- 2.3
DANVILLE FAA AIRPORT	39.5		39.0		36.4		62.4		64.4		73.3		75.9		77.3		69.3		59.5		49.8		36.3		57.4	
DIAMOND SPRINGS	43.0	- 1.5	42.9	- 1.3	39.4	-11.3	63.7	4.9	67.0	- 1.0	75.6	- .2	78.3	- 1.7	79.3	1.4	73.2	- .1	63.1	- 1.3	53.9	.5	31.9	- 6.8	59.6	- 1.5
ELKWOOD 6 SE	36.5M		36.2		33.6		59.3M		61.6		71.6		73.6		75.4M		68.6M		56.2		47.5		30.2		54.1	
FALLS CHURCH 2 SW	36.2		36.6		32.9		59.2		61.0		71.6		74.6M		76.3		68.6M		56.6		46.5M		30.7		54.1	
FARMVILLE	39.5	- .5	39.1	- 1.6	35.5	-12.2	60.8	3.9	63.6	- 2.4	72.5	- 1.5	75.4M	- 2.2	77.6	1.7	68.6M	- 1.2	58.3	- .7	48.6	.6	33.5	- 5.7	56.1	- 1.8
FLOYD 2 NE			33.2M		27.5		54.8		57.7		67.4M		69.7M		71.6M		64.8M		54.5		43.7		30.0			
FORT LEE	39.5		39.4		36.0		61.1		64.5		73.4		75.9		77.6		69.8		59.0		49.6		35.1		56.8	
FREDERICKSBURG	37.8	- 2	37.9	- .1	34.8	-10.8	60.5	5.3	63.2	- 2.1	73.4M	- 1	75.9	- 1.3	77.6	2.0	69.9	- .7	58.5	- .0	48.3	.9	30.9	- 7.0	55.7	- 1.0
GALAX RADIO WBOB	35.9		34.1		29.4		55.0		57.8		67.2		69.7		71.3		65.5		55.0		44.1		30.6		51.3	
GLEN LYN	39.2		37.5		32.3		60.4		63.2		72.5		74.1		75.7		69.8		58.7		46.4		31.1		55.1	
GORDONSVILLE FAA AP	36.2		35.7		32.3		57.5		61.6		71.2		74.8		76.2		67.9		55.7		44.7		28.5		53.5	
GRUNDY 3 NW																			47.9		32.7		27.7			
HALIFAX 5 ENE	39.8		40.7		36.8		61.9		65.1		73.6		76.6		78.5		68.8		58.0		46.4		30.6		57.3	
HOG ISL LTL MACHIPONGO	41.8M		40.9		35.9		59.2		64.3		73.9		77.3		78.9		72.8		63.5		51.8		37.5M		58.2	
HOLLAND 1 E	41.0		40.6		37.7		62.3		66.4		74.0		75.6		77.8		70.5		60.7		50.8		35.0		57.7	
HOPWELL	42.5		42.5		37.7	-12.4	63.7M	4.2	67.0	- 1.5	76.2	- .2	78.4	- .9	79.7	1.8	72.5	- .1	62.2	- .8	53.0	2.2	37.3	- 4.5	59.4	- .9
HOT SPRINGS	34.1	1.3	31.9	- 1.5	28.4	-12.2	55.7	5.3	58.2	- 1.7	68.2	- 1.0	70.4	- .2	72.1	3.5	65.8	3.4	54.8	2.3	44.1	2.8	27.4	- 5.7	50.9	- .1
JOHN H KERR DAM	40.5		38.8		35.8		61.5		65.9		74.8		76.6M		78.8		69.2		58.8		49.2		30.8		58.5	- 1.3
LANGLEY AIR FORCE BASE	41.8	- 2	42.0	- .1	38.9	- 9.9	62.7	5.4	66.7	- .5	75.4	- .0	77.5	- 1.4	79.1	1.3	71.9M	- .8	60.0	- 2.2	50.8	- .6	35.2	- 7.3	58.5	- 1.3
LAWRENCEVILLE	40.6M		41.4		35																					

Table 1-Continued

## AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

VIRGINIA  
1960

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
WYTHEVILLE	34.7	- 2.2	33.3	- 4.0	28.5	-15.2	55.1	2.1	57.6	- 4.0	68.0	- 1.2	69.9	- 2.2	72.1	1.2	65.8	- .6	55.2	- .1	44.3	- .4	30.0	- 6.3	51.2	- 2.6
DIVISIONAL AVERAGES																										
TIDEWATER	40.9	- .0	40.9	- .1	37.2	-10.9	61.8	5.0	65.3	- 1.2	74.3	- .4	76.5	- 1.6	78.4	1.7	71.5	- .1	60.6	- .2	51.4	1.1	35.5	- 5.7	57.9	- 1.0
EASTERN PIEDMONT	38.7	- .7	38.3	- 1.7	34.7	-12.6	60.5	3.9	63.6	- 2.5	72.8	- 1.3	74.9	- 1.7	77.1	1.2	69.0	- .8	58.0	- .8	48.5	.5	32.6	- 6.6	55.8	- 1.9
WESTERN PIEDMONT	38.7	- .8	37.6	- 2.6	34.4	-12.6	60.4	3.7	63.6	- 2.6	72.3	- 1.0	74.9	- 1.9	76.3	1.0	68.4	- 1.0	58.5	- .7	48.4	.5	33.6	- 5.7	55.6	- 2.0
NORTHERN	35.9	- .7	34.9	- .7	31.9	-11.3	58.2	5.0	60.7	- 3.1	70.6	- .9	73.4	- 2.0	75.4	1.8	67.7	- .5	56.1	- .6	47.1	1.8	29.1	- 6.6	53.4	- 1.3
CENTRAL MOUNTAIN	36.0	- .5	34.1	- 2.9	31.1	-12.8	57.7	4.1	60.6	- 2.5	70.0	- .6	73.5	- .3	74.3	2.0	67.1	- .7	56.5	- .3	46.5	1.7	29.6	- 6.8	53.1	- 1.5
SOUTHWESTERN MOUNTAIN	35.4	- .9	33.7	- 3.1	29.9	-13.4	56.0	3.0	58.8	- 3.2	68.4	- 1.1	70.9	- 1.4	72.4	1.1	66.8	1.2	56.3	- .9	44.8	1.3	30.0	- 6.0	52.0	- 1.8

A narrative Special Weather Summary appeared in the February, March, April, June, September and December issues of this publication for 1960.

## TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

VIRGINIA  
1960

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
ABINGDON	2.92		2.83		4.20		1.96		2.61		3.27		6.83		3.53		1.06		3.11		2.26		2.20		36.78	
ALEXANDRIA CITY GARAGE	3.35		E3.81		E2.08		3.74		6.16		1.91		5.52		4.10		4.59		2.32		1.50		E1.68		E40.76	
ALEXANDRIA POTOMAC YDS	3.05		E3.33		E2.08		3.43		5.23		2.40		5.09		3.93		4.94		3.66		1.35		1.68		E40.17	
ALLISONIA	1.11		5.92		3.86		2.51		5.04		1.66		2.98		2.98		2.59		2.23		.35		1.38		32.61	
ALTAVISTA	2.18		5.47		3.47		2.03		5.08		2.47		2.82		2.74		5.30		1.78		1.09		1.72		36.15	
AMISSVILLE	1.92		4.48		2.76		3.23		7.51		4.37		2.52		4.02		5.72		1.11		.99		1.43		40.06	
APPOWATTOX	2.59		E4.32		E2.78		3.91		6.62		1.92		3.49		7.84		6.51		1.64		1.27		.73		E43.62	
ASHLAND 1 SW	2.22		3.78		3.36		3.58		4.54		2.83		6.88		5.45		7.32		2.37		1.22		E2.72		E46.27	
AUGUSTA SPRINGS 1 NE	2.64		3.88		3.32		1.32		6.80		1.91		1.40		3.19		3.19		1.10		.84		1.79		30.25	
BACK BAY WILDLIFE RFG	E5.09		4.43		2.31		1.32		5.25		5.20		6.30		7.29		4.05		5.78		1.75		2.60		E51.37	
BALCONY FALLS	1.42	-2.20	6.49	3.73	5.17	1.17	2.60	-.94	6.26	2.56	2.04	-1.55	2.29	-1.64	3.31	-1.60	4.71	1.17	2.36	-.78	1.16	-1.96	1.56	-1.78	39.37	-3.82
BEDFORD	2.22	-1.42	5.12	2.39	5.43	1.25	2.42	-1.01	5.00	.75	1.62	-2.97	2.25	-2.30	3.34	-2.17	4.13	.98	2.54	-.43	1.07	-1.94	1.92	-1.67	37.06	-8.54
BERRYVILLE	1.81		3.15		2.02		2.40		5.72		4.73		2.25		4.44		2.37		1.25		1.78		1.17		33.17	
BIG KNOB	2.35		2.80		3.13		1.84		3.08		3.15		4.99		5.00		1.11		3.96		2.87		1.40		36.68	
BIG MEADOWS	2.00		6.24		2.50		3.09		9.27		3.61		3.24		5.64		5.35		2.13		2.12		2.27		46.46	
BIG STONE GAP	3.19		3.92		3.92		1.72		2.85		3.00		5.63		3.95		4.70		3.00		2.72		3.31		41.91	
BLACKSBURG 2	1.73		4.74		3.79		2.95		4.72		1.66		2.09		4.52		2.46		2.32		.98		1.91		33.87	
BLACKSTONE FAA AIRPORT	1.84		5.58		3.07		4.26		5.05		.92		6.38		5.11		4.45		3.02		.59		2.27		42.54	
BLAND	1.99		4.97		4.12		2.07		3.04		4.38		3.60		2.03		1.38		1.76		1.05		1.73		32.12	
BOYKINS	4.64		3.82		3.74		3.35		5.32		2.25		10.78		4.43		8.67		3.09		1.56		2.37		54.02	
BREMO BLUFF	1.96		4.97		3.10		3.54		4.96		2.29		6.82		7.21		7.21		1.48		.92		1.99		42.87	
BRISTOL	2.52		2.68		3.96		1.75		3.83		3.51		6.32		4.53		2.30		4.95		1.50		E2.72		E40.57	
BRISTOL TVA	2.74		3.23		4.78		1.87		3.34		2.59		6.06		3.21		1.78		3.93		2.14		2.84		38.51	
BROOKNEAL	2.26		4.87		E3.37		3.31		6.27		1.44		E3.22		5.32		5.82		1.15		.41		1.20		E39.22	
BUCHANAN	1.97	-1.47	6.44	3.69	3.86	.03	2.45	-.82	5.95	1.81	2.21	-2.29	2.29	-2.32	2.28	-2.75	3.06	-.46	2.26	-1.04	1.05	-2.26	1.75	-1.55	35.57	-9.37
BUCKINGHAM	2.05		5.11		3.11		2.91		4.07		5.01		1.51		5.13		6.88		1.48		1.13		1.87		40.26	
BUENA VISTA	2.03		5.70		3.55		2.92		5.96		3.62		2.29		3.06		2.70		2.32		1.13		1.44		36.72	
BURKES GARDEN	2.62	-1.31	3.70	.20	2.97	-1.51	1.72	-1.59	3.09	-.96	3.32	-.81	4.85	-.11	4.28	-.07	1.71	-1.32	2.63	.32	1.43	-1.53	2.30	-1.07	34.62	-9.76
BYLLESBY	2.43		6.32		4.04		3.49		3.57		2.57		4.79		3.30		2.74		2.78		1.09		1.94		39.06	
CAPE HENRY WB CITY	3.87		4.13		2.71		1.43		4.25		3.98		7.13		7.02		7.05		2.82		1.21		2.57		48.17	
CATAWBA SANATORIUM	1.94	-1.30	6.66	4.07	3.74	.12	2.16	-1.10	6.48	2.39	2.61	-1.62	1.77	-3.00	5.50	.76	3.76	.45	2.24	-.80	1.56	-1.10	1.57	-1.47	39.99	-2.60
CHARLOTTE COURT HOUSE	1.82		5.73		E3.56		5.15		5.72		1.32		3.41		4.97		6.16		1.48		1.25		2.08		E42.63	
CHARLOTTEVILLE 2 W	2.18	-1.30	5.05	2.41	3.22	-.78	3.64	-.07	4.71	.68	2.34	-1.79	4.41	-.74	4.69	-.16	5.56	1.45	1.22	-2.07	.80	-2.33	1.99	-2.18	39.61	-6.88
CHARLOTTEVILLE 1 W	1.88		5.83		3.41		3.54		4.67		2.26		5.95		3.61		5.73		1.18		.71		1.89		40.22	
CHASE CITY	3.34		E5.24		3.59		3.65		4.38		1.35		3.50		3.89		4.65		2.58		.86		1.69		E38.92	
CHATHAM 2 NE	2.29	-1.36	6.26	3.38	4.28	.46	3.29	-.16	4.10	.35	2.49	-1.37	3.33	-1.29	6.45	1.90	4.65	.61	1.83	-.89	.92	-2.04	1.56	-1.73	41.45	-2.14
CHERITON	3.65		3.12		2.48		1.17		4.80		3.65		6.81		5.59		4.96		3.32		.98		2.35		42.80	
CHILHOWIE 1 S	2.80		3.79		4.17		1.74		3.23		3.03		4.05		5.12		1.46		3.10		1.72		1.43		35.64	
CLARENDON LYON PARK	2.97	-.37	4.05	1.61	2.39	-1.23	3.36	-.02	5.79	1.23	2.06	-1.72	5.38	1.32	5.61	.44	5.39	1.65	1.91	-1.49	1.47	-1.66	2.40	-.47	42.78	-.71
CLARKSVILLE	3.39	-.42	4.88	1.72	E4.46	.44	4.19	.46	4.78	1.16	1.31	-3.00	4.52	-.46	3.68	-1.81	5.80	1.89	2.70	.09	.89	-2.28	2.54	-.46	E43.14	-2.67
CLEVELAND	2.55		3.27		2.92		1.57		2.96		2.36		4.34		4.63		2.53		3.17		2.42		2.03		34.75	
CLIFTON FORGE	1.64	-1.49	4.98	2.25	4.53	.60	2.82	-.10	5.94	1.96	2.36	-1.49	2.24	-1.72	3.58	-.94	3.58	.49	2.63	-.19	1.66	-1.18	1.84	-1.22	37.80	-3.03
CLINTON	2.78		4.05		3.04		2.05		2.64		3.03		5.18		2.33		4.06		2.07		2.00		2.16		35.39	
CLINTCHPORT	3.26		3.40		3.89		2.71		3.51		4.16		7.49		4.35		3.90		4.51		3.14		3.12		47.44	
COLUMBIA	1.90	-1.56	E4.75	2.24	2.59	-1.06	2.80	-.62	4.06	.18	1.79	-1.55	2.86	-1.89	4.57	.18	7.00	3.34	1.71	-1.16	1.30	-1.46	1.77	-1.17	E37.10	-4.53
CONCORD 5 S	2.39		5.65		3.98		3.73		5.49		2.24		1.79		3.28		5.08		1.67		1.09		2.04		38.43	
COOTES STORE	1.56		3.93		2.40		3.26		6.36		3.33		1.59		5.08		3.63		1.20		.74		1.62		34.10	
COPPER HILL	1.63		E8.07		4.64		2.93		4.95		3.36		3.93		5.93		8.77		2.88		.26		2.00		E49.75	
CORBIN	2.81		4.17		E3.41		2.80		7.86		2.66		2.03		3.99		7.98		2.62		1.76		2.33		E45.42	
COVINGTON	1.22		3.92		2.94		2.14		6.64		2.82		1.79		3.19		3.06		2.02		1.37		1.40		32.51	
COVINGTON FILL PLANT																										

## TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

VIRGINIA  
1960

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
LYNCHBURG 7TH ST BR	E2.17	-	4.64	2.08	3.25	- .32	2.72	- .41	6.02	2.93	2.15	-1.73	2.33	-1.82	3.22	-1.13	6.03	1.16	2.56	-	1.87	-	-	-	-	-
LYNCHBURG WB AIRPORT	2.39	-1.04	E4.15	-	2.49	-	3.78	-	6.34	-	2.31	-	3.12	-	3.48	-	5.21	-	1.46	-	1.04	-	2.54	-	35.91	- 3.74
MARION	2.83	-	4.21	-	3.30	-	1.59	-	6.34	-	2.40	-	3.92	-	3.88	-	.93	-	2.74	-	1.43	-	2.43	-	E38.22	-
MARION EVAP STATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.01	-	1.79	-	2.52	-	32.56	-
MARTINSVILLE FILT PL	3.52	-	6.31	-	5.39	-	2.47	-	4.47	-	1.58	-	3.05	-	5.61	-	3.78	-	1.77	-	1.12	-	1.33	-	40.40	-
MATHEWS 1 SSW	2.25	-	4.28	-	E3.61	-	2.68	-	8.82	-	2.82	-	6.70	-	5.94	-	6.67	-	5.09	-	.89	-	2.69	-	E52.44	-
MEADOWS OF DAN 5 SW	3.43	-	6.41	-	E6.28	-	2.79	-	6.58	-	7.22	-	4.66	-	6.30	-	5.19	-	2.23	-	1.58	-	1.41	-	E54.08	-
MENDOTA	2.79	-1.51	3.22	- .49	4.01	- .68	2.23	-1.29	3.03	- .87	3.05	- .55	6.82	1.29	4.82	.49	1.37	-1.34	3.62	1.26	1.77	-1.05	2.53	- .93	39.26	- 5.67
MONTICELLO 3 NE	2.50	-	7.00	-	4.84	-	3.70	-	10.34	-	2.24	-	3.18	-	3.80	-	4.97	-	1.99	-	1.53	-	E1.72	-	E47.81	-
MONTICELLO 3 NE	2.73	-	4.01	-	E3.42	-	3.47	-	6.75	-	2.76	-	E2.87	-	3.43	-	4.99	-	2.16	-	1.52	-	1.81	-	E39.92	-
MOORE'S CREEK DAM	E1.63	-	E4.02	-	2.39	-	3.86	-	6.14	-	1.81	-	1.50	-	1.96	-	3.40	-	2.10	-	1.00	-	E2.05	-	E31.86	-
MOUNT WEATHER	2.18	- .51	E3.48	1.22	2.71	- .48	3.05	- .27	7.90	3.64	- .07	-	5.07	1.56	5.09	.42	3.44	- .42	1.46	-2.26	1.77	-1.18	E1.48	-1.14	E61.07	.51
NASSAWADOX	2.36	-	3.66	-	E2.50	-	1.00	-	4.95	-	3.45	-	5.43	-	4.12	-	5.10	-	4.01	-	2.45	-	2.49	-	E40.01	-
NATURAL BRIDGE STATION	E1.42	-	7.45	-	3.82	-	2.49	-	6.75	-	2.28	-	2.64	-	3.31	-	5.23	-	2.04	-	1.16	-	1.69	-	E40.28	-
NELSONIA	2.44	-	3.90	-	2.86	-	2.52	-	3.55	-	-	-	-	-	-	-	7.43	-	4.03	-	-	-	-	-	-	-
NEW CANTON	2.04	-1.81	4.55	1.79	2.64	-1.29	3.72	.08	5.07	1.27	2.52	- .83	4.38	- .34	5.51	.94	7.43	4.03	1.54	-1.34	1.10	-1.89	1.91	-1.42	42.41	- .81
NEW CASTLE	E5.69	-	3.55	-	2.35	-	4.69	-	4.69	-	3.44	-	.89	-	3.93	-	3.95	-	2.06	-	1.52	-	1.69	-	E35.36	-
NEWPORT 2 NW	E1.50	-	3.28	-	E3.13	-	2.65	-	5.75	-	E2.59	-	E2.69	-	1.25	-	E2.62	-	1.20	-	.90	-	3.05	-	E30.61	-
NEWPORT NEWS PRESS BLD	3.62	-	4.52	-	2.97	-	1.70	-	4.52	-	3.04	-	8.00	-	7.27	-	6.57	-	2.72	-	1.50	-	2.38	-	48.81	-
NORFOLK WB AIRPORT	3.85	.68	3.57	.40	2.54	- .73	1.40	-1.76	4.43	.98	2.57	-1.59	4.78	-1.27	6.49	1.41	5.88	2.02	2.76	.31	1.10	-1.57	2.37	- .51	41.74	- 1.63
NORFOLK	3.20	-	3.56	-	2.89	-	1.49	-	6.24	-	2.32	-	6.31	-	5.85	-	7.79	-	2.49	-	1.04	-	2.47	-	45.65	-
NORTH BRISTOL SUBSTA	2.31	-	2.98	-	3.70	-	1.58	-	3.83	-	2.71	-	5.23	-	4.05	-	1.76	-	3.20	-	2.05	-	2.46	-	35.86	-
NORTH RIVER DAM	1.86	- .93	5.55	3.28	3.40	.00	2.39	- .75	7.53	3.66	2.58	-1.70	3.04	-2.31	7.50	2.59	4.20	.78	1.19	-1.88	1.02	-1.92	1.35	-1.38	41.61	- .56
OLINGER	3.71	-	3.24	-	4.44	-	1.89	-	2.84	-	4.41	-	7.64	-	4.88	-	3.87	-	3.42	-	2.62	-	3.96	-	66.92	-
PAINTER 2 W	2.05	-	3.43	-	2.15	-	3.28	-	4.61	-	3.35	-	6.05	-	4.24	-	5.63	-	5.55	-	.65	-	1.95	-	42.94	-
PALMYRA 1 E	2.14	-	4.51	-	2.90	-	3.35	-	4.72	-	3.03	-	1.96	-	7.17	-	7.00	-	1.61	-	1.22	-	1.64	-	41.25	-
PARLOW 3 WNW	E2.78	-	4.95	-	3.56	-	E3.21	-	6.95	-	2.60	-	2.65	-	7.20	-	5.85	-	3.40	-	1.75	-	E2.96	-	E47.86	-
PEAKS OF OTTER	2.46	-	6.16	-	5.23	-	3.44	-	7.68	-	4.15	-	5.58	-	5.04	-	5.13	-	2.67	-	1.39	-	2.15	-	51.08	-
PEDLAR DAM	E2.16	-	E5.89	-	E3.98	-	3.14	-	6.92	-	3.24	-	6.28	-	3.28	-	6.77	-	2.48	-	1.19	-	1.68	-	E47.01	-
PENNINGTON GAP	3.46	-1.91	3.61	-1.07	E6.06	.48	1.53	-2.21	1.88	-1.99	4.24	.07	6.39	.84	4.61	.44	2.47	- .16	3.12	.73	2.90	- .41	E3.52	- .80	E43.79	- 5.99
PHILPOT DAM 2	2.53	-	6.29	-	5.52	-	2.37	-	1.78	-	1.56	-	3.13	-	3.98	-	5.65	-	2.19	-	1.01	-	1.68	-	43.64	-
PIEDMONT FIELD STATION	2.56	-	4.73	-	2.47	-	3.59	-	4.59	-	3.00	-	2.00	-	3.72	-	5.40	-	1.17	-	1.01	-	1.89	-	36.13	-
PILOT 1 ENE	1.65	-	6.58	-	3.25	-	3.05	-	3.46	-	3.46	-	1.86	-	3.40	-	5.32	-	2.54	-	.90	-	2.09	-	37.72	-
POWATAN 5 SW	2.25	-	6.08	-	E3.38	-	3.51	-	7.03	-	1.23	-	3.33	-	4.24	-	5.63	-	2.23	-	.67	-	2.63	-	E42.21	-
PULASKI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.08	-	2.51	-	1.77	-	2.14	-	-	-
QUANTICO 1 S	3.06	- .17	3.66	1.47	2.54	- .61	3.61	.62	7.36	3.81	4.57	1.39	3.24	-1.21	6.10	-1.36	6.50	3.25	2.43	- .46	.58	-2.25	1.52	-1.22	45.17	6.08
RADFORD CLAYTON DAM	1.35	-1.68	5.14	2.69	3.42	.01	2.52	.14	5.27	- .22	3.09	- .24	3.75	- .73	3.15	- .33	1.90	- .53	3.31	- .98	1.01	-1.19	1.86	- .80	39.77	2.18
RANDOLPH	2.56	-1.27	6.04	3.12	E3.43	- .56	5.98	2.22	5.61	1.39	1.28	-2.43	3.44	-1.32	4.99	.17	7.42	3.10	1.53	-1.31	2.38	- .76	E45.54	-	40.19	-
RAPIDAN	2.45	-	5.28	-	2.76	-	3.81	-	5.08	-	1.84	-	1.76	-	3.97	-	8.82	-	1.77	-	1.05	-	1.60	-	40.19	-
RICHMOND WB AP	2.13	-1.51	4.56	1.71	3.29	- .13	3.57	.34	3.59	- .05	.91	-2.96	7.34	1.70	7.20	2.15	6.21	2.56	3.31	.70	.85	-1.64	3.04	.35	46.00	3.02
RIVINGTON	1.83	- .60	4.37	2.52	2.06	- .81	2.18	- .14	5.27	- .22	3.09	- .24	3.75	- .73	3.15	- .33	1.90	- .53	3.31	- .98	1.01	-1.19	1.86	- .80	39.77	2.18
ROANOKE	1.65	-1.63	7.30	4.73	3.62	- .14	2.09	- .89	5.36	1.15	1.22	-2.88	2.53	-2.21	E4.69	- .38	E5.93	2.68	2.12	-1.20	.60	-2.28	1.77	-1.46	E38.88	- 4.51
ROANOKE WB AIRPORT	1.92	-1.47	7.17	4.52	3.96	.77	2.19	- .76	5.91	2.29	1.46	-2.24	2.06	-2.85	4.69	.15	3.30	- .09	3.62	.23	.44	-2.37	2.23	- .90	38.95	- 2.72
ROCKFISH	2.55	-	5.99	-	3.75	-	3.38	-	5.59	-	3.51	-	1.53	-	4.49	-	6.87	-	2.83	-	.90	-	1.40	-	42.79	-
ROCKY KNOB	3.26	-	8.11	-	5.29	-	2.96	-	3.71	-	3.20	-	2.07	-	4.61	-	1.89	-	2.35	-	.98	-	1.86	-	40.29	-
ROCKY MOUNT	E1.68	-1.69	E6.34	3.60	4.38	.52	2.44	- .81	3.14	-1.11	1.29	-2.79	4.14	- .46	E4.58	.26	3.71	.00	1.77	-1.48	.70	-2.09	1.51	-1.57	E35.68	- 7.62
ROSE HILL	3.45	-	4.93	-	5.14	-	1.75	-	1.86	-	6.60	-	4.10	-	4.25	-	5.80	-	3.30	-	3.65	-	1.50	-	46.33	-
ST PAUL	2.49	-	E2.96	-	E3.37																					

Table 3

## TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA  
1960

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.										
ALEXANDRIA CITY GARAGE	95	7-24	4	12-24	3-14	16	3-16	18	3-27	23	4-11	25	4-12	30	10-26	31	11-8	23	11-8	23	12-9	16	12-9	16	-	-	226	211	197	211	197	
ALEXANDRIA POTOMAC YDS	95	8-28	9	12-23	-	-	-	-	-	-	4-11	28	4-11	28	11-8	25	11-8	25	11-8	25	11-8	25	11-8	25	11-8	25	11-8	25	11-8	25	11-8	25
ASHLAND 1 SW	97	7-24	4	12-13	3-14	8	3-23	19	4-11	22	4-11	22	4-20	30	10-21	31	11-8	23	11-8	23	12-9	16	12-9	16	-	-	226	211	198	210	198	
BACK BAY WILDLIFE RFG	92	8-3	13	12-13	NONE	-	3-5	18	3-12	21	3-14	26	3-26	31	10-21	30	12-9	27	12-10	24	12-13	13	12-13	13	-	-	230	213	207	210	210	
BALCONY FALLS	95	8-4	1	12-23	3-25	15	3-25	15	3-25	15	4-11	25	4-19	32	10-21	31	11-8	23	11-8	23	12-9	16	12-9	16	-	-	227	228	211	185	185	
BEDFORD	98	8-3	4	3-8	3-11	15	3-14	17	3-25	21	4-11	26	4-19	31	10-21	32	11-8	19	11-8	19	11-8	19	12-13	10	16	277	239	228	211	185		
BERRYVILLE	94	8-2	8	12-23	3-16	13	4-11	20	4-11	20	4-19	28	5-4	31	10-21	29	10-22	27	10-26	24	11-8	19	12-2	16	261	211	198	186	170	160		
BIG MEADOWS	82	8-30	4	12-13	3-25	7	4-10	19	4-11	22	4-11	22	5-14	30	10-21	26	10-21	26	10-25	23	11-7	18	11-8	16	228	211	197	198	170	160		
BLACKSBURG 2	92	8-4	7	12-22	3-25	14	4-11	20	4-11	20	4-19	27	5-13	32	10-21	24	10-21	24	10-21	24	11-8	15	11-8	15	228	211	193	185	160	160		
BLACKSTONE FAA AIRPORT	96	8-24	8	12-13	3-9	14	3-14	17	3-23	21	3-26	28	4-11	29	10-24	32	11-8	26	12-1	24	12-2	20	12-13	8	279	263	259	227	196	196		
BOYKINS	98	6-24	9	12-13	1-24	15	3-14	18	3-14	18	4-11	28	4-19	32	10-25	29	11-8	22	11-8	22	12-3	17	12-4	16	315	264	239	211	189	189		
BRISTOL	91	8-2	1	3-6	3-14	7	3-25	20	4-11	23	4-11	23	4-11	23	10-21	30	11-8	24	11-30	24	12-1	15	12-1	15	262	251	233	207	193	193		
BUCHANAN	99	8-3	4	3-8	3-14	9	3-25	20	4-11	22	4-11	22	5-2	32	10-21	29	10-25	28	11-8	17	11-8	17	12-3	16	264	230	211	198	172	172		
BURKES GARDEN	84	9-6	10	3-14	3-25	10	4-11	17	4-11	17	4-11	17	4-11	17	10-21	30	11-8	24	11-8	24	12-3	19	11-10	10	228	193	185	172	167	167		
CAPE HENRY WB CITY	98	6-24	18	12-23	NONE	-	NONE	-	3-11	24	3-13	27	3-23	31	12-3	32	12-9	25	12-10	24	12-13	19	NONE	-	-	-	274	271	255	255		
CATAMBA SAMATORIUM	92	8-4	0	12-13	3-14	13	3-25	17	3-25	17	4-11	25	4-19	32	10-21	28	10-21	28	11-8	20	11-8	20	12-10	16	271	228	228	193	185	185		
CHARLOTTE COURT HOUSE	97	7-24	8	12-23	3-14	12	3-14	12	4-11	24	4-11	24	4-11	24	10-21	32	12-22	28	11-8	19	11-8	19	12-10	15	271	239	211	197	194	194		
CHARLOTTESVILLE 2 W	98	7-24	9	12-13	3-11	15	3-13	18	3-25	21	3-26	27	4-11	30	11-8	27	11-8	27	12-2	23	12-9	19	12-13	9	277	271	252	227	211	211		
CHARLOTTESVILLE 1 W	98	7-23	4	12-23	3-14	16	3-15	19	3-25	22	4-11	26	4-11	26	10-21	32	10-26	28	11-8	21	11-8	20	12-10	16	271	238	228	198	194	194		
CHASE CITY	98	7-23	11	12-13	3-11	16	3-14	20	3-25	24	4-11	28	4-11	28	10-25	32	11-8	24	11-8	24	12-3	20	12-13	11	277	264	228	211	197	197		
CHATHAM 2 NE	97	7-24	5	12-23	3-11	16	3-14	18	3-23	23	4-11	26	4-11	26	10-22	30	11-8	19	11-8	19	11-8	19	12-13	3	16	267	239	230	211	194	194	
CHERITON	95	6-24	13	12-14	3-11	15	3-11	15	3-13	22	3-27	28	4-20	30	11-8	30	12-2	25	12-3	22	12-13	13	12-13	13	277	277	265	250	202	202		
CHILHOWIE 1 S	90	9-8	3	3-13	4-11	16	4-11	16	4-11	16	5-2	28	5-14	30	10-21	26	10-21	26	10-25	21	11-8	15	11-8	15	211	197	197	172	160	160		
COLUMBIA	99	7-24	2	12-23	3-15	16	3-15	16	4-11	23	4-11	23	5-2	32	10-21	29	10-22	28	11-8	18	11-8	18	12-2	15	262	238	211	194	172	172		
CORBIN	97	7-24	5	12-23	3-14	14	3-16	18	3-16	18	4-11	26	4-20	32	10-21	31	10-22	28	11-8	22	12-2	19	12-13	9	274	261	237	198	184	184		
COVINGTON FILT PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CROZET 2 N	98	7-23	-	-	3-12	16	3-25	20	3-25	20	4-11	25	4-19	32	10-22	31	10-26	28	11-8	19	11-8	19	12-9	16	-	-	228	198	186	186		
CULPEPER	98	7-23	1	12-23	3-14	15	3-16	18	4-11	22	4-11	22	4-19	32	10-21	31	10-26	27	11-8	19	11-8	19	12-9	16	270	237	211	198	186	186		
DAHLGREN WEAPONS LAB	96	8-4	-	-	3-12	16	3-14	19	3-15	22	3-25	27	4-11	32	11-8	26	11-8	26	12-3	22	12-9	19	12-13	10	270	230	211	198	170	170		
DALE ENTERPRISE	95	7-23	-	12-23	3-25	13	3-25	13	4-11	21	4-11	21	5-2	31	10-21	28	10-21	28	10-26	22	11-8	14	11-8	14	228	228	198	193	172	172		
DANVILLE	99	7-23	6	12-23	3-14	15	3-14	15	3-23	24	4-11	25	4-11	25	10-22	31	11-8	21	11-8	21	12-3	16	12-3	16	264	264	230	211	194	194		
DANVILLE FAA AIRPORT	97	6-24	8	12-23	3-14	12	3-14	12	3-23	23	3-25	28	4-11	29	10-22	31	11-7	28	11-8	24	12-13	15	12-13	15	282	274	230	227	194	194		
DIAMOND SPRINGS	97	8-3	14	12-13	NONE	-	3-12	20	3-13	24	3-23	28	3-27	30	12-1	31	12-3	26	12-10	20	12-10	20	12-13	14	-	273	272	255	249	249		
ELKWOOD 6 SE	97	7-23	-	12-23	3-16	16	4-11	20	4-11	20	4-11	20	4-29	32	10-21	29	10-22	28	11-8	18	11-8	18	12-9	15	268	211	194	195	175	175		
FALLS CHURCH 2 SW	95	7-23	-	12-23	3-16	14	3-16	14	4-11	23	4-11	23	4-19	31	10-21	30	10-26	28	11-8	20	11-8	20	12-9	15	268	237	211	198	185	185		
FARMVILLE	98	8-3	0	3-6	3-23	15	4-11	19	4-11	19	4-11	19	5-2	31	10-21	29	10-22	26	10-26	24	11-8	15	11-8	15	230	211	198	194	172	172		
FLOYD 2 NE	93	6-24	-	3-8	3-25	15	4-11	19	4-11	19	4-19	26	5-4	30	10-21	23	10-21	23	10-21	23	11-6	17	11-12	15	232	209	193	185	170	170		
FORT LEE	99	6-24	6	12-13	3-14	14	3-14	14	4-11	24	4-11	24	4-20	31	10-25	30	11-7	25	11-8	21	12-3	16	12-9	15	270	264	211	210	188	188		
FREDERICKSBURG	99	7-24	4	12-23	3-14	12	3-16	20	3-27	24	4-10	26	4-20	32	10-21	31	10-26	27	11-8	21	12-2	19	12-2	19	16	270	261	226	199	184	184	
GALAX RADIO WBOB	89	8-2	-	3-8	3-25	16	4-11	18	4-11	18	4-19	27	5-13	30	10-21	24	10-21	24	10-21	24	11-8	14	11-8	14	228	211	193	185				

Table 3—Continued

## TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA  
1960

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.					
WARRENTON 5 NE	93 8-31+	1 12-23	3-14	16	3-24	20	3-26	24	4-11	26	4-11	26	10-21	31	11-8	24	11-8	24	12-9	12	12-9	12	270	260	227	211	193
WARSAW 2 N	98 7-23	7 12-23+	3-12	13	3-27	18	3-27	18	4-11	27	4-20	31	10-22	32	11-8	22	11-8	22	12-9	19	12-13	10	276	257	226	211	185
WASHINGTON	95 8-4	8 12-23	3-24	16	4-11	20	4-11	20	4-19	28	5-4	31	10-21	30	10-22	27	10-26	23	11-8	15	11-8	15	229	211	198	186	170
WASHINGTON WB NAT AP	95 4-23	10 12-23	3-11	15	3-13	20	3-14	24	3-25	26	3-27	31	11-7	31	11-8	28	12-9	18	12-9	18	12-12	14	276	271	270	228	225
WAVERLY HILLS	95 8-30+	7 12-23	3-11	11	3-13	18	3-16	23	4-11	28	4-11	28	10-26	31	11-8	25	12-2	24	12-9	15	12-9	15	273	271	261	211	198
WEST POINT 2 SW	99 6-24	7 12-14	3-14	13	3-14	13	4-11	24	4-11	24	4-20	31	10-26	28	10-26	28	11-8	22	12-3	17	12-10	15	271	264	211	198	189
WILLIAMSBURG 2 N	98 6-24	9 12-14	3-14	15	3-15	19	3-16	22	4-11	27	4-20	31	11-7	34	11-8	26	12-2	24	12-3	19	12-10	16	271	263	261	211	201
WINCHESTER 2 SSW	94 8-30	3 12-23	3-13	15	3-16	20	4-11	24	4-11	24	4-11	24	10-22	29	10-26	26	11-8	20	12-9	12	12-9	12	271	237	211	198	194
WISE 1 SE	86 9-6	8 3-5	3-25	13	4-11	20	4-11	20	5-2	28	5-2	28	10-21	23	10-21	23	10-21	23	11-11	17	12-1	16	251	214	193	172	172
WOODSTOCK	95 8-3	7 12-23	4-11	16	4-11	16	4-11	16	4-29	28	5-4	30	10-2	32	10-26	26	11-8	20	12-9	12	12-9	12	242	211	211	160	151
WYTHEVILLE	87 9-5+	0 12-22	3-25	15	4-11	20	4-11	20	4-19	28	5-2	30	10-21	24	10-21	24	10-21	24	11-8	15	11-8	15	228	211	193	185	172

## TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
CHARLOTTESVILLE 1 W	EVAP	-	-	-	-	-	B6.93	B7.41	5.56	4.29	2.49	-	-	-	
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	-	944	741	670	603	425	518	-	-	-	
	MAX	-	-	-	-	-	94.2	93.6	94.8	85.3	71.5	-	-	-	
	MIN	-	-	-	-	-	66.4	70.1	71.9	64.7	50.7	-	-	-	
HOLLAND 1 E	EVAP	-	-	-	B7.90	B7.65	B7.81	B6.86	B5.89	4.10	B3.26	-	-	-	
	WIND	-	-	-	B2245	1685	1336	1056	1196	960	1115	-	-	-	
JOHN H. KERR DAM	EVAP	-	-	-	6.20	B6.77	7.31	-	B6.37	B4.18	3.20	-	-	-	
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	B1895	1325	1185	1236	B1291	B 897	1027	-	-	-	
MARION EVAP STATION	EVAP	-	-	-	-	-	-	-	-	-	2.72	1.61	-	-	
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	-	-	-	-	-	-	968	1377	1813	-	
	MAX	-	-	-	-	-	-	-	-	-	66.6	54.4	-	-	
PHILPOT DAM2	EVAP	-	-	-	B5.89	B5.22	5.17	B6.40	4.86	B3.37	B2.73	-	-	-	
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	1261	601	-	362	209	123	204	-	-	-	

## CHANGES IN STATION NAMES

## NEW NAME

FLOYD 2 NE  
HILLSVILLE 1 S  
LYNCHBURG 7th ST BR  
STAFFORDSVILLE 3 N  
THE PLAINS 1 E

## OLD NAME

FLOYD 1 NE  
HILLSVILLE 1 NW  
LYNCHBURG MADISON HTS  
STAFFORDSVILLE  
THE PLAINS 2 SE

## DATE

January 1960  
July 1960  
June 1960  
December 1960  
September 1960

## RELOCATION AND CHANGES OF EQUIPMENT

ALTAVISTA  
CHARLOTTE COURT HOUSE  
CHATHAM 2 NE  
FLOYD 2 NE  
GRUNDY 3 NW

All equipment moved 0.2 mile NE  
All equipment moved 75 feet SE  
All equipment moved 70 feet SW  
All equipment moved 0.5 mile NE  
Temperature equipment installed

September 7, 1960  
July 22, 1960  
December 7, 1960  
January 11, 1960  
October 27, 1960

HILLSVILLE 1 NW  
HILLSVILLE 1 S  
INDEPENDENCE 2  
LYNCHBURG 7th ST BR  
LYNCHBURG 7th ST BR

All equipment moved 10 feet W  
All equipment moved 2.0 miles S  
All equipment moved 600 feet W  
All equipment moved 1.0 mile SW  
All equipment moved 300 feet SW

January 9, 1960  
July 1, 1960  
September 9, 1960  
June 1, 1960  
June 29, 1960

PULASKI  
ROANOKE  
STAFFORDSVILLE 3 N  
THE PLAINS 1 E  
WOOLWINE 4 S

Temperature and rain gage equipment installed  
All equipment moved 0.3 mile S  
All equipment moved 2.8 miles NNW  
All equipment moved 2.2 miles NW  
All equipment moved 40 feet N

September 1, 1960  
September 15, 1960  
December 15, 1960  
September 6, 1960  
July 25, 1960

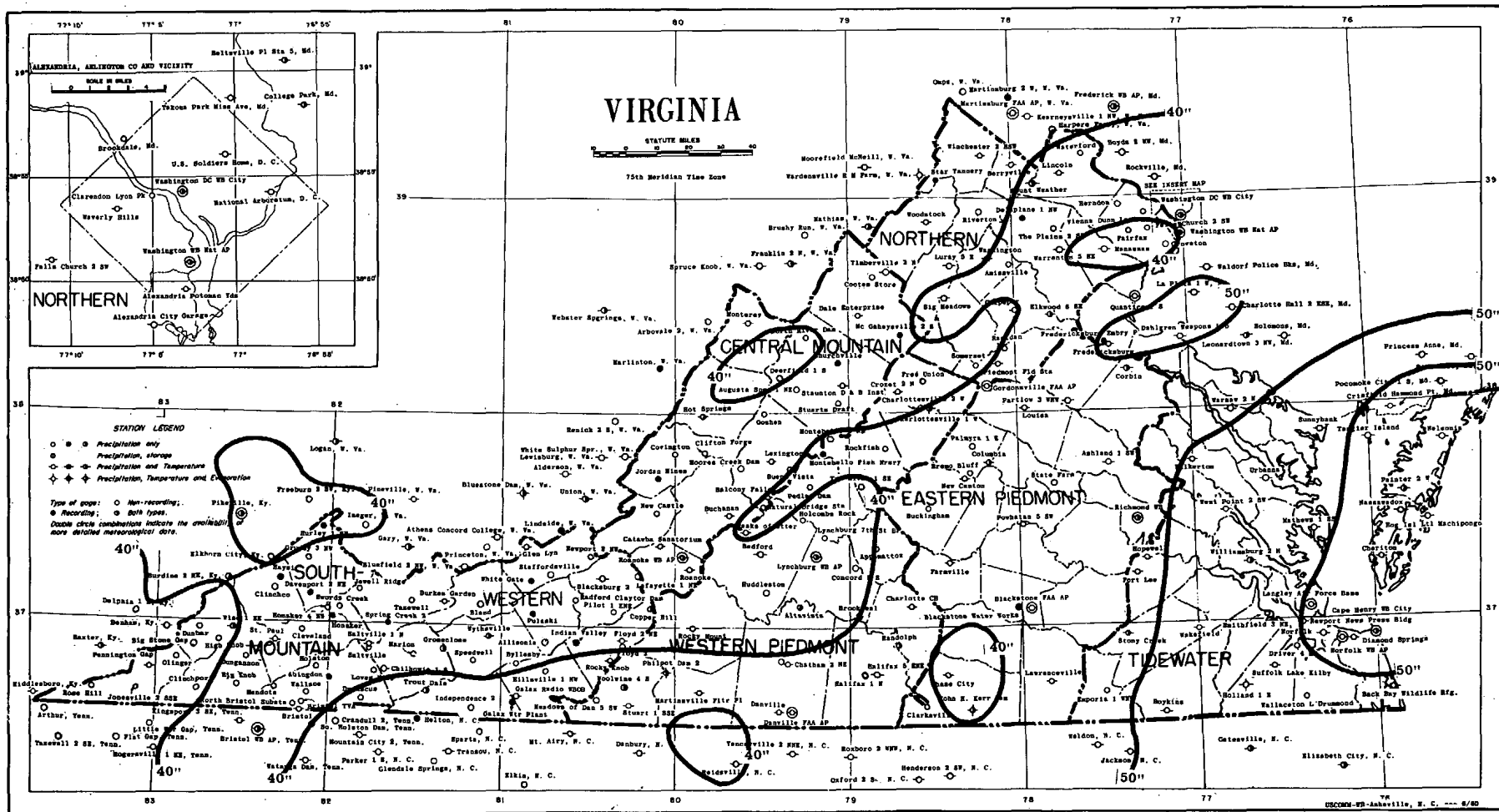
# VIRGINIA

STATUTE MILES

75th Meridian Time Zone

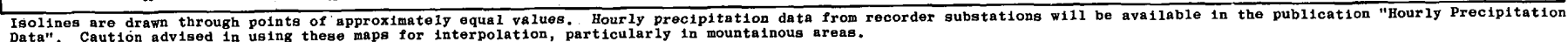
TOTAL PRECIPITATION

VIRGINIA  
1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.





# STATION INDEX

VIRGINIA  
1960

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.	Refer to tables
							Temp.	Precip.	Evap.		
ADINGSON	0013	WASHINGTON	8 36 42	82 00	2000	19					2 C
ALEXANDRIA CITY GARAGE	0090		13 38 48	77 05	60	3					1 2 3
ALEXANDRIA POTOMAC YDS	0097		13 38 49	77 03	20	23					1 2 3
ALLISONIA	0135	PULASKI	11 36 56	80 45	1870	9					2 C
ALTAVISTA	0166	CAMPBELL	15 37 06	79 18	510	15					2 C
AMISVILLE	0193	RAPPAHANNOCK	14 38 41	78 01	550	17					2
APPOMATTOX	0243	APPOMATTOX	9 37 21	78 50	825	22					2
ASHLAND 1 SW	0327	HANOVER	9 37 45	77 29	220	48					1 2 3
AUGUSTA SPRINGS 1 NE	0356	AUGUSTA	9 38 07	79 18	1700	8					1 2 3
BACK BAY WILDLIFE RFG	0385	PRINCESS ANNE	2 36 40	75 55	5	8					1 2 3
BALCONY FALLS	0411	ROCKBRIDGE	9 37 38	79 27	725	13					1 2 3
BEDEFORD	0551	BEDEFORD	15 37 21	79 31	975	32					1 2 3
BERRYVILLE	0670	CLARKE	16 39 09	77 59	580	9					1 2 3
BIG KNOB	0712	SCOTT	8 36 40	82 30	3150	25					1 2 3
BIG MEADOWS	0720	PAGE	14 38 31	78 26	3535	25					1 2 3 C
BIG STONE GAP	0733	WISE	6 36 52	82 46	1405	5					2
BLACKSBURG 2	0766	MONTGOMERY	11 37 14	80 25	2040	9					1 2 3
BLACKSTONE FAA AP	0773	NOTTOWAY	12 37 04	77 57	435	15					1 2 3
BLACKSTONE WATER WORKS	0778	NOTTOWAY	9 37 05	78 03	823	10					2 C
BLAND	0792	BLAND	11 37 06	81 07	2000	10					2
BOYKINS	0956	SOUTHAMPTON	10 36 35	77 12	40	7					1 2 3
BREMO BLUFF	0993	FULVANA	9 37 42	78 18	225	20					1 2 3
BRISTOL	1037	WASHINGTON	8 36 36	82 10	1994	27					1 2 3
BRISTOL TVA	1047	WASHINGTON	8 36 37	82 10	1920	12					1 2 3
BURKNEAL	1082	CAMPBELL	15 37 03	78 57	500	11					2
BUCHANAN	1121	BOTETOURT	9 37 32	79 41	875	42					1 2 3
BUCKINGHAM	1136	BUCKINGHAM	9 37 33	78 35	255	23					1 2 3
BUENA VISTA	1159	ROCKBRIDGE	9 37 44	79 21	855	23					1 2 3
BURKES GARDEN	1209	TAZEWELL	11 37 05	81 20	3300	65					2
BYLESBY	1255	CARROLL	11 36 48	80 55	2075	17					1 2 3
CAPE HENRY WD CITY	1362	PRINCESS ANNE	2 36 56	76 01	16	86					1 2 3 C
CATAWBA SANATORIUM	1471	ROANOKE	9 37 23	80 05	1890	49					1 2 3
CHARLOTTE COURT HOUSE	1585	CHARLOTTE	15 37 03	78 38	560	14					1 2 3
CHARLOTTEVILLE 2 W	1593	ALBEMARLE	9 38 02	78 31	540	10					1 2 3 C
CHARLOTTEVILLE 1 W	1598	ALBEMARLE	9 38 02	78 31	540	10					1 2 3 C
CHASE CITY	1606	MECKLENBURG	15 36 48	78 28	520	13					1 2 3
CHATHAM 2 NE	1614	PITTSYLVANIA	7 36 50	79 22	700	37					1 2 3
CHATHAM 2 N	1619	PITTSYLVANIA	7 36 51	79 24	805	33					1 2 3
CHERITON	1636	NORTHAMPTON	2 37 17	75 58	13	24					1 2 3
CHILMOWIE 1 S	1675	SMITH	8 36 47	81 41	2000	9					1 2 3
CHURCHVILLE	1708	AUGUSTA	16 38 14	79 10	1475	33					1 2 3
CLARENDON LYON PARK	1729	ARLINGTON	13 38 54	79 05	225	69					2
CLARKSVILLE	1746	MECKLENBURG	15 36 38	78 33	325	29					1 2 3
CLEVELAND	1776	RUSSELL	6 36 57	82 09	1540	27					1 2 3
CLIFTON FORGE	1801	ALLEGANY	9 37 49	79 50	1055	36					1 2 3
CLINCHCO	1808	DICKENSON	3 37 10	82 19	1530	10					1 2 3
CLINCHPORT	1816	SCOTT	6 36 40	82 45	1260	65					1 2 3
COLUMBIA	1929	GOOCHLAND	9 37 46	78 09	300	58					1 2 3
CONCORD 5 S	1955	CAMPBELL	15 37 17	78 58	650	11					1 2 3
COOTES STORE	1966	ROCKINGHAM	16 38 38	78 51	1070	18					1 2 3
COPPER HILL	1999	FLOYD	11 37 06	80 07	2770	19					1 2 3
CORBIN	2009	CAROLINE	14 38 12	77 22	220	2					1 2 3
COVINGTON	2041	ALLEGANY	9 37 48	80 00	1245	23					1 2 3
COVINGTON FILL PLANT	2044	ALLEGANY	9 37 48	80 00	1230	0					1 2 3
CROZET N	2138	ALBEMARLE	9 38 05	78 42	760	18					1 2 3
CULPEPER	2155	CULPEPER	14 38 29	77 59	475	51					1 2 3
DALHOGREN WEAPONS LAB	2195	KING GEORGE	13 38 20	77 02	20	41					1 2 3
DALE ENTERPRISE	2208	ROCKINGHAM	16 38 27	78 56	1400	78					1 2 3
DANABUS	2216	WASHINGTON	8 36 38	81 48	1950	34					1 2 3
DANVILLE	2245	PITTSYLVANIA	7 36 36	79 23	565	43					1 2 3
DANVILLE FAA AP	2250	PITTSYLVANIA	7 36 34	79 20	577	17					1 2 3
DAVENPORT 2 NE	2269	BUCHANAN	9 37 01	82 06	1600	1					1 2 3
DERFIELD 1 S	2315	AUGUSTA	9 38 10	79 22	1720	34					1 2 3
DELAWARE 1 N	2326	FAUQUIER	13 38 55	77 56	555	1					1 2 3
DENDRON 1 SW	2346	SURRY	4 37 02	76 57	60	1					1 2 3
DIAMOND SPRINGS	2368	PRINCESS ANNE	5 36 54	76 12	25	52					1 2 3
DRIVER 4 NE	2554	KING GEORGE	2 36 53	76 29	27	17					1 2 3
DUNBAR	2558	WISE	6 36 58	82 45	1950	26					1 2 3
DUNHAM	2584	SCOTT	6 36 50	82 26	2500	28					1 2 3
ELKWOOD 6 SE	2729	CULPEPER	14 38 27	77 46	300	20					1 2 3
EMPORIA 1 NW	2790	GOOCHLAND	10 36 41	77 33	80	30					2
FAIRFAX	2890	FAIRFAX	13 38 50	77 19	450	12					1 2 3
FALLS CHURCH 2 SW	2922	FAIRFAX	13 38 51	77 12	320	12					1 2 3
FARMVILLE	2941	PRINCE EDWARD	11 37 18	78 23	430	39					1 2 3
FLOYD 2 NE	3071	FLOYD	11 36 56	80 18	2600	28					1 2 3
FORT LEE	3127	PRINCE GEORGE	1 37 14	77 20	60	11					1 2 3
FREDERICKSBURG	3192		14 38 18	77 28	100	67					1 2 3
FREDERICKSBURG EMBRY PL	3197	SPOTSYLVANIA	14 38 18	77 28	20						1 2 3
FREE UNION	3215	ALBEMARLE	9 38 09	78 34	584	6					1 2 3
GALAX RADIO WBOB	3267	CARROLL	11 36 40	80 55	2385	6					1 2 3
GALAX WATER PLANT	3272	GRAYSON	11 36 39	80 55	2380	1					1 2 3
GLEN LYN	3397	GILES	11 37 22	80 22	1524	28					1 2 3
GORDONVILLE FAA AP	3462	LOUISA	17 38 04	78 10	438	15					1 2 3
GOSHEN	3470	ROCKBRIDGE	9 37 59	79 30	1300	21					1 2 3
GROSECLOSE	3623	SMITH	8 36 52	81 20	2590	18					1 2 3
GROVETON	3635	FAIRFAX	13 38 46	77 06	245	10					1 2 3
GRUNDY 3 NW	3640	BUCHANAN	9 37 18	82 08	1100	0					1 2 3
HALIFAX 1 N	3690	HALIFAX	7 36 47	78 55	359	30					1 2 3
HALIFAX 5 ENE	3695	HALIFAX	7 36 47	78 51	442	6					1 2 3
HAYST	3863	DICKENSON	3 37 12	82 18	1250	1					1 2 3
HERNDON	3929	FAIRFAX	13 38 58	77 23	370	7					1 2 3
HIGH KNOB	3959	WISE	6 36 54	82 38	4150	25					1 2 3
HILLSVILLE 1 S	3981	CARROLL	11 36 44	80 44	2585	18					1 2 3
HOG ISL LTL MACHIPONGO	4031	NORTHAMPTON	2 37 27	75 41	1	1					1 2 3
HOLCOMBS ROCK	4039	BEDEFORD	9 37 30	79 16	600	1					1 2 3
HOLLAND 1 E	4044	NANSEMOND	4 36 41	76 47	80	28					1 2 3
HOLSTON	4068	WASHINGTON	8 36 49	82 06	2550	26					1 2 3
HONAKER	4078	RUSSELL	6 37 01	81 59	1930	25					1 2 3
HONAKER 4 NW	4083	RUSSELL	6 37 03	82 02	2200	26					1 2 3
HOPWELL	4101	PRINCE GEORGE	9 37 18	77 18	40	68					1 2 3
HOT SPRINGS	4128	BATH	9 38 00	79 50	2197	67					1 2 3
HUDDLESTON	4140	BEDEFORD	15 37 10	79 29	985	11					1 2 3
MURLEY 1 SE	4185	BUCHANAN	3 37 25	82 01	990	8					1 2 3
INDEPENDENCE 2	4234	GRAYSON	11 36 38	81 10	2600	1					1 2 3
INDIAN VALLEY	4246	FLOYD	11 36 54	80 34	2700	1					1 2 3
JEWELL RIDGE	4404	TAZEWELL	6 37 11	81 47	2750	26					1 2 3
JOHN H KERR DAM	4414	MECKLENBURG	15 36 36	78 17	325	12					1 2 3 C
JONESVILLE 2 SSE	4448	LEE	6 36 40	83 06	1375	14					1 2 3
JORDAN MINES	4452	ALLEGANY	9 37 41	80 05	1350	10					1 2 3
LAFAYETTE 1 NE	4476	MONTGOMERY	15 37 14	80 13	1280	10					1 2 3
LANGLEY AIR FORCE BASE	4720	ELIZABETH CITY	3 37 05	76 21	10	124					1 2 3
LAWRENCEVILLE	4768	BRUNSWICK	10 36 46	77 51	254	15					1 2 3
LEXINGTON	4876	ROCKBRIDGE	9 37 47	79 26	1060	82					1 2 3
LINCOLN	4909	LOUDOUN	13 39 07	77 43	500	39					1 2 3
LOUISA	5050	LOUISA	17 38 02	78 00	437	45					1 2 3
LOVES MILL	5057	WASHINGTON	8 36 45	81 41	2060	26					1 2 3
LURAY 5 E	5096	PAGE	16 38 41	78 23	1120	19					1 2 3
LYNCHBURG 7TH ST BR	5115	CAMPBELL	9 37 25	79 09	520	1					1 2 3
LYNCHBURG WB AIRPORT	5120	CAMPBELL	9 37 20	79 12	947	89					1 2 3
MANNASSAS	5213	PR WILLIAM	13 38 45	77 28	318	14					1 2 3
MARION	5266	SMYTH	8 36 51	81 31	2200	54					1 2 3
MARION EVAP STATION	5271	SMYTH	8 36 50	81 31	2235	1					1 2 3
MARTINSVILLE FILT PL	5300	HENRY	7 36 42	79 53	760	22					1 2 3
MATHEWS 1 SW	5338	MATHEWS	5 37 25	76 20	10	11					1 2 3
MC GAHEYSVILLE 2 S	5423	ROCKINGHAM	16 38 21	78 44	1090	11					1 2 3

#### REFERENCE NOTES

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

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Climatological divisions, outlined on the maps in this bulletin became effective with data for November 1895.

Figures and letters following the station name, such as 12 SSW, 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.

- No record.

+ Also earlier date (dates) or months.

\* Amount included in following measurement.

# 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.

B Adjusted to a full month.

C Data for recorder stations denoted by "C" in the "Refer to tables" column of the Station Index are 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".

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.

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.

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. 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 25, D. C.

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