



# CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF COMMERCE  
ALEXANDER R. TROWBRIDGE, Acting Secretary  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

VIRGINIA

ANNUAL SUMMARY 1966

Volume 76 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	39.1		39.9		50.5		55.2		63.4		71.4		78.4		76.4		72.5		63.4		53.6		43.3		58.9	
BOHANNON 1 NE	35.5		38.1		48.8		54.3		64.5		72.4		78.1		76.3		69.6		59.1		50.4		40.2		57.3	
BOYKINS	36.5		41.2M		49.7		56.8		66.3		73.4M		79.0		76.6		70.1		58.9		51.0		39.4M		56.2M	
CAPE MERRY WB CITY	37.8	- 4.8	39.6	- 2.8	49.1	1.2	54.9	- 2.0	63.1	- 3.0	72.3	- 2.2	78.3	- 2	75.9	- 1.6	71.9	- 1.2	62.2	- 1.0	52.6	- .4	43.3	- .9	58.6	- 1.6
CHERITON	37.0		37.4		49.2		55.0		64.5		72.2		79.1		76.7		70.4		60.6		51.2M		41.7		57.9M	
CHINCOTEAGUE WL REF	33.8		36.3		44.4		50.8		59.9M		69.1		77.3		75.9		69.2		59.2		50.5		39.9		55.5M	
COLONIAL BEACH	34.2M	- 3.3	38.7	- 5.3	49.2	- 2.3	52.1	- 3.5	64.8	- 4.7	72.3	- 1.5	79.2M	- 1.5	76.2M	- 2.3	70.0	- 2.3	58.1M	- 1.3	46.3M	- 1.9	40.8M	- 1.9	57.9	- 3.1
DIAMOND SPRINGS	37.2	- 6.5	38.7	- 5.3	49.2	- .8	55.2	- 3.9	63.9	- 4.0	71.4	- 4.3	78.3	- 1.7	75.6	- 2.3	70.8	- 2.4	60.9	- 2.3	51.9	- 1.6	41.6	- 3.0	57.9	- 3.1
FORT LEE	33.0		38.5		47.6		54.3		64.2		72.1		77.6		75.0		68.2		55.6		49.4		38.8		56.3	
FREDERICKSBURG 2 S	30.1	- 7.0	33.3	- 4.7	44.4	- .6	50.9	- 4.7	62.5M	- 2.8	73.2	- .1	75.9		73.9	- 4	67.3	- 1.8	55.6	- 2.7	49.8	- 2.5	37.9M	- .0	57.2	
HOLLAND 1 E	35.0		38.4		48.7		55.2		65.0		71.8		78.2		75.8		69.3		58.1		49.8		40.6		57.2	
HOPEWELL	35.7	- 5.8	40.6	- 2.1	51.2	- 1.9	57.0	- 2.7	67.0	- 1.5	74.1	- 2.0	79.4	- 2	77.6	- 2	69.4	- 2.8	58.8	- 2.5	51.0	- .0	40.2	- 1.7	58.5	- 1.6
LANGLEY AIR FORCE BASE	35.1	- 6.4	39.3	- 2.7	48.2	- .1	54.0	- 3.7	62.9	- 4.3	71.8	- 3.6	77.6	- 1.4	75.3	- 2.6	69.3	- 3.4	58.6	- 3.5	50.2	- 1.4	41.6	- 1.0	57.0	- 2.8
NASSAWADOK	34.7		37.6		46.8		52.8		62.5		71.4		78.2		76.5		69.2		59.3		50.2		39.9		56.6	
NELSONIA	37.8M		37.8M		46.2M																					
NEWPORT NEWS PRESS BLD	36.7		38.8		48.0		56.0		65.6		74.2		79.8		77.4		72.2		62.0		52.8		42.9M		58.9M	
NORFOLK WB AIRPORT	34.8	- 5.4	38.6	- 3.0	47.9	- .1	54.5	- 3.5	63.6	- 3.9	71.6	- 4.0	78.0	- .8	74.9	- 2.6	69.9	- 2.7	59.3	- 2.7	50.5	- .9	41.4	- 1.1	57.2	- 2.5
PAINTER 2 W	34.4		37.3		46.9		52.0		62.7		71.3		77.7		76.1		68.7		58.3		50.1		39.8		56.3	
PARRAMORE BEACH L B S	35.2		36.9		45.4		52.1		64.3		70.9		76.0		75.4		71.9		58.3M		50.1		41.7		56.0	
QUANTICO 1 S	34.4	- 2.1	36.6	- .9	47.8	3.3	51.1	- 4.4	63.6	- 1.6	75.1	1.6	79.2	1.9	76.4	- 7	67.4	- 5.2	55.6	- 2.7	48.2	1.2	36.8	- .6	56.0	- .8
STONY CREEK 4 SW	34.1		39.0		48.5		55.1M		65.7		72.9M		78.4M		75.6M		68.4M		57.3M		48.2M		39.5		56.9M	
SUFFOLK LAKE KILBY	35.4		39.5		48.4		55.7		64.8		72.8		79.1		76.1		70.4		59.2		50.4		41.0		57.7	
SUNNYSBANK	33.9		36.1		47.0		52.1		63.2		72.7		78.7		76.1		68.8		58.4		50.6		38.8		56.4	
TANGIER ISLAND	35.7		37.7		46.3		56.5		61.7		71.8		79.6		75.6		70.3		64.6		59.0		44.0		58.6	
URBANNA	34.1		38.1M		49.0M		54.6M		64.9M		72.4		78.1M		76.1		69.1M		58.8M		50.4		40.0		57.1M	
WAKEFIELD 1 NW					48.9M		56.3		66.3		73.1		79.3M		76.3M		69.2		57.7M		50.7		37.1		55.9	
WALKERTON	31.7		37.5		47.7		53.5		63.2		72.9		77.6		76.2		67.2		56.7		48.0		37.1		55.9	
WALLOPS ISLAND WB																										
WARSAW 2 N	32.8		37.3		47.7		53.4		64.1		73.7		78.0		76.1		67.4		56.5		49.5		37.5		56.2	
WEST POINT 2 SW	33.1		38.1		48.8		54.2		65.4		73.1		77.5		75.8		67.9		56.7		49.0		38.5		56.5	
WILLIAMSBURG 2 N	35.0		39.1		49.1		55.1		65.6		72.6		78.1		76.6		69.0		58.1		50.3		40.0		57.4	
DIVISION	34.9	- 5.4	38.1	- 3.0	48.0	- .6	54.2	- 3.0	64.2	- 2.4	72.5	- 2.1	78.4	- .3	76.1	- .7	69.4	- 1.9	58.7	- 2.1	50.5	- .0	40.2	- 1.1	57.1	- 1.7
EASTERN PIEDMONT 02																										
ASHLAND 1 SW	31.7M		37.1M		46.5		51.3		62.4		71.0		76.5		74.7		65.6		53.5		47.0		35.0		54.4M	
BLACKSTONE FAA AP	33.2		38.5		48.7		54.7		65.4		72.6		78.0		75.5		68.1		56.1		49.7		38.6		56.6	
CHASE CITY	34.0		39.6		49.4		55.9		66.3		72.0		79.0		75.2		68.5M		56.4		49.4		39.0		57.1M	
COLUMBIA	31.1	- 6.6	35.2	- 3.6	46.3	- .5	51.8	- 4.5	63.0M	- 2.9	71.7	- 2.2	76.9	- .6	74.8	- 1.1	66.1	- 3.3	53.3	- 4.8	46.9	- .3	35.1	- 3.2	54.0M	- 2.7
CORBIN	30.9		34.0		45.6		50.4		62.1		71.3M		76.5		75.0		66.0		54.1		47.0		35.2		54.0M	
FARMVILLE 2 N	32.2	- 7.2	37.8	- 2.9	48.4	1.4	54.1	- 3.1	65.3	- .6	71.6	- 2.2	77.5	- .0	74.4	- 1.5	65.5	- 4.1	54.6	- 4.1	47.3	- .8	37.8	- 1.5	55.5	- 2.3
JOHN H KERR DAM	32.5M		37.2		47.9M		54.9		65.3		72.6		78.9		75.3		67.4		54.9		48.3		38.4		56.1M	
LAWRENCEVILLE 5 W	33.4		38.4		49.0		55.7		66.0		72.5		78.3		75.9		68.1		57.0		50.0		39.2		57.4	
LOUISA	30.8		35.6		47.6		52.3		64.1		72.2		76.6		75.0		65.8		54.7		47.6		35.7		54.8	
NEW CANTON	31.6	- 7.1	37.0	- 2.7	48.0	1.8	52.4	- 4.0	64.5	- .6	71.8	- .6	76.1	- .1	74.5	- .1	66.3	- 2.1	55.0	- 2.8	48.2	- .5	37.2	- 1.8	55.2	- 1.6
PARTLOW 3 NW	28.5		35.8		46.0		50.8		62.8		71.1		74.8		73.0		63.9		53.0		45.2		34.2M		53.3M	
POWHATAN 5 W	31.4		37.1		46.7M		53.2M		65.3		72.5		77.4		75.4		66.6		55.7		47.9		36.9		55.3M	
RICHMOND WB AP	31.1	- 7.6	37.7	- 2.2	47.5	- .2	52.8	- 5.3	63.1	- 3.9	71.4	- 3.7	76.4	- 1.7	74.6	- 1.4	67.2	- 3.0	55.5	- 3.2	49.5	- 1.0	38.0	- 1.7	55.4	- 2.7
DIVISION	31.6	- 7.2	37.1	- 2.8	47.5	- .9	53.1	- 3.8	64.3	- 1.8	71.9	- 2.0	77.1	- .3	74.9	- 1.0	66.5	- 3.2	54.9	- 3.8	48.0	- .1	36.9	- 2.3	55.3	- 2.3
WESTERN PIEDMONT 03																										
APPOMATTOX 3 W	30.9		35.4		45.9		51.4		62.4		70.9		77.0		72.6		64.8		52.8		45.6		35.1		53.7	
BEDFORD	32.3		36.4		47.8		53.3		65.1		71.8		77.9		73.4		65.8		56.0		48.2		37.9		55.5	
CHARLOTTE COURT HOUSE	31.4		36.2		46.7		52.9		63.4		70.5		77.5		73.5		66.5		54.1		47.2M		36.6		54.7M	
CHARLOTTEVILLE 2 W	32.2	- 5.0	35.9	- 2.5	47.9	2.6	52.3	- 4.3	64.5	- 1.8	74.2	- .5														

Table 1-Continued

## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA  
1966

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
DALE ENTERPRISE	28.3	- 6.7	32.0	- 4.0	45.3	3.1	49.3	- 3.5	62.2M	- 1.1	69.5	- .4	76.0	2.6	72.0	- .2	61.5	- 4.5	52.2	- 3.5	44.9	- .4	32.9	- 2.9	52.2M	- 1.6
HOT SPRINGS	27.8	- 4.8	32.6	- 1.0	43.8M	3.7	48.7	- 2.2	59.8	- .3	66.7	- .5	71.8	1.5	68.3	- .6	60.4	- 2.3	50.1	- 2.5	42.5	- .9	32.0	- 1.4	50.4M	- .8
LEXINGTON	30.0	- 7.4	34.4	- 4.2	46.2	1.1	51.9	- 3.6	65.0	- .8	71.0	- .6	76.2	1.1	73.2M	- .6	64.9	- 2.8	54.1	- 2.8	45.9	- .1	35.3	- 2.4	54.0M	- 1.8
MONTEREY	24.1M	-	27.6	-	39.4	-	43.8	-	56.6	-	62.7	-	68.9	-	66.0	-	57.9	-	47.8	-	41.3	-	30.2	-	47.2M	-
PEAKS OF OTTER	27.0M	-	31.8M	-	42.8	-	48.0	-	60.9	-	67.6	-	73.4	-	68.5	-	61.8	-	51.6	-	44.4	-	32.6	-	50.9M	-
ROANOKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROANOKE WB AIRPORT	30.6	- 7.5	35.1	- 4.1	46.7	1.2	51.5	- 4.9	63.3	- 2.4	71.1	- 2.3	77.9	- 1.3	73.0	- 2.4	66.1	- 3.0	54.6	- 3.6	47.2	- .5	37.8	- .4	54.6	- 2.3
STAUNTON SEWAGE PLANT	-	-	30.0	- 5.8	43.2	- .6	47.7	- 5.8	60.1	- 3.2	67.9	- 3.2	74.0	- .5	70.9	- 1.8	62.3	- 4.5	50.0	- 6.5	43.7	- 1.7	31.8	- 4.8	-	-
TIMBERVILLE 3 E	28.2	-	31.6	-	44.7	-	49.2	-	61.5M	-	70.0	-	75.7	-	73.1	-	63.0	-	53.2	-	45.6	-	33.6	-	52.5M	-
DIVISION	28.9	- 7.1	33.0	- 4.0	44.8	1.5	49.8	- 4.1	62.1	- 1.0	68.9	- 1.6	74.7	- .8	71.1	- 1.4	62.8	- 3.6	52.4	- 3.7	45.2	- .2	34.2	- 2.3	52.3	- 2.2
SOUTHWESTERN MOUNTAIN	06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLACKSBURG 2	26.8	-	31.9	-	42.4	-	48.4	-	59.8	-	66.7	-	73.1	-	68.2	-	60.5	-	49.4	-	42.3	-	32.4M	-	50.2M	-
BRISTOL	-	-	-	-	-	-	-	-	-	-	71.2M	-	75.4M	-	71.9M	-	64.6M	-	53.4M	-	46.8M	-	37.4M	-	-	-
BURKES GARDEN	25.0M	- 8.2	31.2	- 3.1	40.7	1.1	48.0	- 1.7	57.5	- .3	62.6	- 2.3	69.0M	1.1	66.4M	- .6	58.5M	- 2.8	48.8M	- 2.6	41.4M	- .8	32.7M	- .9	48.5M	- 1.6
CHILHOWIE 1 S	26.5	-	33.4	-	42.7	-	50.8	-	60.0	-	66.2	-	71.6	-	69.6	-	62.2	-	50.5	-	44.2	-	33.2	-	50.9	-
FLOYD 2 NE	27.4	-	32.9	-	42.2	-	48.7M	-	59.5	-	64.9	-	70.8M	-	67.9M	-	60.7M	-	49.8M	-	42.8	-	34.5	-	50.2M	-
GALAX RADIO WBOB	29.3	-	34.4	-	43.3	-	50.4M	-	60.7	-	65.9	-	71.7	-	69.1	-	61.8	-	51.8	-	44.4	-	35.3	-	51.5M	-
GLEN LYN	30.6	-	36.7M	-	46.8M	-	53.3M	-	65.1	-	70.5	-	75.5	-	72.6M	-	64.8	-	53.6M	-	47.8	-	36.7	-	54.5M	-
GRUNDY 3 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARION EVAP STATION	27.7	-	34.4	-	44.6	-	48.8	-	60.9	-	66.7	-	74.1	-	69.9	-	63.0	-	52.8M	-	44.0	-	34.1	-	-	-
PENNINGTON GAP	25.9	-10.2	35.9	- 1.7	44.8	1.2	51.8	- 2.1	61.6	- 1.5	68.9	- 1.6	74.1	- .4	71.5	- 1.3	64.6	- 2.7	53.8	- 2.7	47.2	- 3.2	35.8	- 1.0	53.0	- 1.7
PULASKI	28.5	-	34.0	-	43.8	-	49.5	-	60.5	-	67.4	-	73.7	-	70.2	-	62.2	-	51.6	-	44.6	-	36.1	-	51.8	-
ROCKY KNOB	27.4	-	31.3	-	44.2	-	48.8	-	59.5	-	66.9M	-	71.7M	-	67.6	-	62.4M	-	52.4M	-	46.0	-	34.1M	-	51.0M	-
ST PAUL	30.8	-	39.2	-	48.8	-	55.7	-	64.6	-	72.1	-	76.1	-	73.4	-	66.6	-	54.7	-	47.0	-	38.5	-	55.6	-
SALTVILLE 1 N	29.8	- 6.8	35.5	- 2.2	46.3	2.6	53.8	- .9	64.1	- .1	70.3	- 1.5	75.7	- 1.0	72.9	- .7	65.6	- 2.3	54.8	- 2.2	46.7	- 1.9	35.9	- .9	54.3	- 1.0
WISE 1 SE	27.2	-	34.1	-	44.1	-	50.8	-	59.7	-	66.0	-	71.1	-	68.0	-	61.4	-	50.9	-	44.4	-	34.8	-	51.0	-
WYTHEVILLE 1 S	26.2	-10.0	33.8	- 3.3	43.9	1.0	50.1	- 2.9	60.4	- 1.2	66.7	- 2.2	72.3	- .4	68.9	- 1.9	61.6	- 3.4	51.5	- 3.5	43.5	- .5	34.0	- 2.3	51.1	- 2.5
DIVISION	27.8	- 7.8	34.2	- 2.6	44.2	1.5	50.6	- 2.6	61.0	- 1.0	67.5	- 1.8	73.0	- .7	69.9	- 1.4	63.1	- 2.4	52.0	- 3.2	45.3	- 1.6	35.4	- .6	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 1966 was included in all months except April, June, October, and November issues of this publication.

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA  
1966

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	4.81		4.37		1.68		1.46		8.15		3.57		2.66		8.43		2.63		.93		.60		3.75		43.04		
BOHANNON 1 NE	4.80		3.65		1.29		2.31		5.31		4.54		5.25		3.22		5.94		2.23		.82		2.94		42.52		
BUYKINS	4.74		4.90		1.89		1.65		4.07		6.62		7.51		2.60		1.67		1.00		3.17		44.22		44.22		
CAPE HENRY WB CITY	3.60	.62	4.10	.85	1.49	1.87	2.20	.73	8.15	5.11	2.78	.76	4.29	.71	3.59	1.77	2.09	1.86	.76	2.11	.59	2.21	2.40	.34	36.04	5.80	
CHERITON	3.53		3.08		2.12		1.89		4.22		5.28		3.86		2.30		3.10		1.67		.40		3.38		34.83		
CHINCOTEAGUE WL REF	3.46		3.94		1.48		1.58		5.03		2.63		1.63		1.00		3.86		1.67		.75		3.08		30.09		
COLONIAL BEACH	2.94	.30E	3.14	.71E	1.25	1.95	4.11	.97	4.48	1.35E	3.37	1.14	1.48	3.07	1.24	3.25	8.12	4.35	3.40	.42	1.41	1.03E	3.20	.25E	38.14	1.41	
DIAMOND SPRINGS	4.13	.50	3.12	.33	2.33	1.60	2.34	1.03	6.17	2.51	2.58	1.21E	4.26	1.93	5.36	1.22	3.88	.60	1.30	1.87	1.14	2.19	3.77	.81E	40.38	8.16	
DRIVER 4 NE	4.46		3.97		1.80		1.32		5.57		2.51		4.21		5.84		3.44		.89		.53		3.33		37.87		
EMPORIA 1 WNW											2.80	1.31	3.09	3.09	4.51	.52	1.78	2.23	2.88	.42	1.30	1.49	3.88	.89	E	37.87	
FORT LEE	5.11		4.11		1.21		1.82		3.11		3.34		6.39		5.91		3.71		3.52		1.27		3.46		42.96		
FREDERICKSBURG 2 S	5.96	2.76	2.97	.59	2.02	1.26	3.13	.03	3.64	.08	2.05	1.29E	1.63	3.26	.65	4.45	8.54	5.09	4.53	1.18	.74	2.10E	.98	1.82E	36.84	4.45	
HOLLAND 1 E	5.47		3.53		2.84		1.43		6.01		5.81		2.68		10.69		2.10		.97		1.58		2.85		45.96		
HOPEWELL	6.25	3.18	3.85	1.09	1.33	1.83	1.91	1.43	3.34	.63	3.27	.96	6.55	.69	2.92	2.18	4.47	.74	4.70	1.82	1.61	1.19	3.55	.77E	43.75	.07	
LANGLEY AIR FORCE BASE	3.82	.59	4.04	1.02	1.53	1.69	2.68	.35	5.58	2.10	5.11	2.01	5.39	.08	7.34	2.21	6.31	2.33	1.15	1.72	.98	1.81	3.22	.65	47.15	5.20	
NASSAWADOX	3.56		3.97		1.85		1.67		6.38		2.96		2.58		1.45		5.13		1.43		.58		3.62		35.18		
NELSONIA			3.70		1.06																						
NEWPORT NEWS PRESS BLD	4.41		3.75		1.63		1.89		5.31		3.70		3.50		8.81		3.20		1.45		.80		3.72		42.17		
NORFOLK WB AIRPORT	4.86	1.53	3.63	.62	1.50	1.95	1.68	1.48	5.95	2.59	1.82	1.79	4.26	1.66	5.24	.73	3.39	.83	1.25	1.67	1.05	2.00	3.13	.39	37.96	6.98	
PAINTER 2 W	3.83		4.44		1.53		1.23		5.15		2.63		1.87		1.28		5.47		1.61		.51		3.52		33.07		
PARRAMORE BEACH L B S	2.64		1.37										.85														
QUANTICO 1 S	4.37	1.21	2.85	.49	1.57	1.65	2.56	.52	2.01	1.46	.97	2.29	1.15	3.43	.71	4.20	7.32	4.03	3.84	.89	.67	2.12	2.46	.34	30.48	9.39	
SMITHFIELD 3 NE	3.67		3.50		1.43		2.23		6.88		1.70		4.86		4.86		3.16		1.01		.91		4.90		42.76		
STONY CREEK 4 SW	3.67		4.28		1.46		1.62		3.18		4.00		3.09		5.12		2.40		3.14		1.43		3.43		36.62		
SUFFOLK LAKE KILBY	4.85		4.77		1.81		1.14		4.76		4.30		2.66		7.84		2.58		.61		.78		3.37		39.47		
SUNNYBANK	3.28		3.55		1.15		2.60		4.04		3.80		2.68		2.71		9.82		3.07		1.15		2.81		40.66		
TANGIER ISLAND	2.05		1.38		2.09		.44		2.28		1.75		1.75		.86		3.20		1.30		.90		1.80		18.63		
URBANVA	3.67		2.95		1.24		2.28		4.20		3.89		2.07		2.07		6.57		3.02		1.28		3.09		37.33		
WAKEFIELD 1 NW					1.89		1.35		3.77		2.55				3.64		4.36		1.31								
WALKERTON	4.50		3.91		1.12		2.34		2.97		3.24		2.97		1.77		6.54		4.93		1.61		3.69		39.59		
WALLACETON LK DRUMMOND	5.43	1.79	4.37	.72	2.91	1.04	1.36	2.40	8.37	4.39	4.17	.32	1.73	5.00	12.71	6.79	3.46	.91	1.40	1.80	1.00	2.45	3.62	.34	50.53	.11	
WALLOPS ISLAND WB																											
WARSAW 2 N	3.20		3.70		.83		3.41		2.91		3.79		3.18		1.36		11.17		5.19		1.45		3.15		43.34		
WEST POINT 2 SW	4.36		4.21		1.47		2.55		3.98		4.85		3.75		2.69		4.91		4.48		1.37		3.35		41.97		
WILLIAMSBURG 2 N	6.13		3.97		2.02		1.97		3.99		4.82		5.41		2.08		4.08		1.90		1.11		3.56		41.04		
DIVISION	4.21	.84	3.64	.62	1.61	1.92	2.04	1.19	4.58	.97	3.53	.04	3.31	2.10	3.85	1.52	4.91	1.03	2.36	.70	1.02	1.94	3.04	.20	38.10	5.77	
EASTERN PIEDMONT 02																											
ASHLAND 1 SW	4.87		1.93		2.36		3.09		2.68		3.04		3.15		1.94		8.13		3.04		.90		2.99		38.12		
BLACKSTONE FAA AP	4.73		4.40		1.43		1.40		3.16		6.15		3.85		3.23		4.62		4.56		1.08		4.11		42.76		
BREMO BLUFF	3.71		3.06		2.47		2.64		3.97		2.35		2.50		1.62		8.08		4.11		1.42		2.87		38.87		
BUCKINGHAM	3.12		3.45		2.07		2.55		4.12		1.36		2.72		2.29		9.21		4.25		1.49		3.19		39.82		
CHASE CITY	5.17		4.61		1.38		1.24		4.92		5.64		2.49		4.25		4.32		4.22		1.11		3.26		42.61		
CLARKSVILLE	5.64	1.98	3.27	.05	2.98	.92	1.15	2.66	3.99	.39	1.36	2.77	3.39	1.55	1.44	3.87	3.27	.58	3.98	1.25	1.30	1.96	3.09	.01	34.86	10.76	
COLUMBIA	4.10	.86	4.58	.34	2.24	.58	1.90	.36	5.40	1.61	1.85	1.36	3.51	1.12	1.05	3.24	3.73	4.08	1.14	1.39		.45		.15	40.25		
CORBIN	5.01		2.43		2.21		2.87		3.79		3.49		2.60		.70		8.46		4.21		1.16		3.92		40.85		
FARMVILLE 2 N	5.48	1.68	4.75	1.50	.93	3.05	1.85	1.79	4.46	.44	3.08	1.23	3.98	.84	1.97	2.72	5.06	1.26	1.32	.96	2.13	3.71	.53	40.51	5.03		
GORDONSVILLE 3 S	3.65		3.31		2.12		1.86		3.79		2.42		2.06		1.85		7.78		4.60		1.90		3.34		38.68		
JOHN M KERR DAM	4.50		3.02		2.71		1.14		4.34		1.60		2.91		4.44		4.18		3.63		1.47		3.37		37.31		
LAWRENCEVILLE 5 W	4.52		3.95		1.58		.96		3.01		4.97		4.77		4.24		4.05		3.50		1.45		3.85		40.85		
LOUISA	4.72		4.78		.92		3.02		3.20		2.49		3.72		1.16		8.61		3.78		1.33		3.61		41.34		
NEW CANTON	4.77	1.17	4.99	2.12	.67	3.08	2.83	.85	4.24	.48	2.84	.42	2.37	2.20	1.87	2.65	8.23	4.67	4.25	1.37	1.63	1.30	3.01	.30	41.70	.19	
PALMYRA 1 E	2.78		3.12		2.15		2.88		4.13		1.24																

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA  
1966

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
AMISSVILLE	3.79		2.32		1.84		3.38		3.63		.98		1.13		1.40		7.52		2.76		2.22		2.18		33.15	
BERRYVILLE	4.15		3.63		1.09		3.91		2.34		1.04		4.71		2.71		8.88		2.12		2.31		2.38		33.63	
BIG MEADOWS	4.13		2.96		2.51		4.43		3.21		4.70		12.43		2.71		12.43		3.14		5.64		3.02		51.90	
CULPEPER	3.14	.11	4.39	1.84	.89	2.49	.49	.85	4.73	.63	1.56	2.12	1.27	3.53	.71	3.67	12.24	8.62	4.13	.99	2.27	.71	2.95	.08	42.77	.60
ELKWOOD 6 SE	4.10		4.00		.86		4.21		5.79		2.85		1.14		2.51		11.34		4.31		1.39		3.12		45.62	
FALLS CHURCH 2 SW	4.62		3.65		1.49		3.83		4.35		1.62		2.38		1.38		11.45		4.65		1.57		3.77		44.76	
GROVETON	3.97		3.58		1.71		3.66		3.61		2.46		1.32		1.26		8.85		4.78		1.56		3.48		40.22	
LINCOLN	4.09	1.66	3.11	.37	1.57	2.21	4.80	1.27	2.35	1.81	1.19	2.40	.88	3.38	1.63	3.31	9.73	6.40	2.25	1.02	2.41	.47	3.91	.79E	38.52	4.1
LURAY 5 E	4.70		2.20		1.87		4.52		2.82		1.06		2.94		1.45		7.68		2.70		4.55		2.98		39.47	
MANASSAS	3.52		2.98		1.28		3.63		3.67		2.05		1.20		2.12		9.74		3.98		1.76		3.42		39.37	
MOUNT WEATHER	2.77	.10	3.03	.70	1.89	1.37	3.64	.33	2.01	2.28	2.87	.69	.66	3.17	1.00	2.89	9.48	5.71	2.83	.87	2.37	.52	2.28	.35	35.43	5.3
PIEDMONT FIELD STATION	3.06		2.69		2.28		3.31		6.02		2.74		3.13		.88		10.72		4.16		1.80		2.76		43.55	
RAPIDAN	3.39		3.17		2.15		3.76		6.28		2.57		1.95		.69		10.77		4.83		1.96		3.45		46.97	
RIVERTON	5.36	1.46E	2.09	.10	1.85	1.01	1.30	2.59	1.28	1.26	1.97	1.71	1.67	1.35	2.41	9.53	6.67	2.18	1.23	3.22	.85	3.05	.67E	36.85	1.4	
SOMERSET	6.01		3.08		3.00		2.90		6.04		3.11		2.25		.74		8.21		4.56		1.67		4.20		45.77	
THE PLAINS 1 E	3.99		2.82		2.45		3.86		4.70		1.89		1.12		1.44		9.87		3.10		2.13		3.14		40.51	
VIENNA DUNN LORING	4.39		3.74		.92		3.74		4.74		1.83		1.90		1.53		11.30		4.32		1.73		3.32		43.46	
WARRENTON 3 SE	4.22		3.17		2.10		3.30		4.13		.83		1.11		1.11		8.06		3.31		1.97		3.17		36.95	
WASHINGTON	3.98		2.32		2.04		4.19		2.80		1.39		1.91		1.25		9.78		2.72		3.24		2.62		37.24	
WASH DC-DULLES WB AP	4.22		3.90		1.24		4.38		3.84		.94		2.17		1.79		9.39		3.01		1.50		3.67		40.05	
WASHINGTON WB NAT AP	3.95	.92	3.57	1.10	1.44	1.77	3.33	.18	2.74	1.40	2.02	1.19	.93	3.22	1.63	3.23	6.87	3.04	4.72	1.65	1.50	1.34	3.28	.50	36.02	4.7
WAVERLY HILLS	4.65		4.27		1.73		4.10		4.88		2.11		1.94		1.31		10.74		4.82		1.69		3.23		45.47	
WINCHESTER 1 N	3.47	1.08	2.96	.84	1.66	1.50	4.15	1.04	1.78	2.32	1.90	1.71	.81	3.43	1.16	3.00	9.44	6.47	2.01	1.44	2.20	.39	1.87	.61	33.50	2.9
WOODSTOCK	3.03	.77	2.17	.43	1.54	1.32	3.94	1.11	2.95	.86	1.30	2.53	2.72	1.08	1.51	2.75	6.75	3.92	2.15	.75	2.67	.54	1.88	.34	32.61	4.8
DIVISION	3.91	1.10	3.21	.86	1.64	1.73	3.98	.65	3.52	.61	1.88	1.79	1.70	2.61	1.52	3.04	9.64	6.21	3.42	.73	2.36	.47	2.94	.14	39.72	1.3
CENTRAL MOUNTAIN 05																										
BALCONY FALLS	3.69	.27	4.05	1.07	1.86	2.13	1.93	1.68	4.14	.43	1.12	2.39	2.20	1.88	3.00	1.62	10.12	6.32	4.11	.78	2.66	.33	3.22	.01E	42.10	1.1
BUCHANAN	3.42	.17	3.59	.66	1.35	2.46	2.27	1.08	2.92	1.12	3.72	.60	2.76	1.65	4.13	.54	6.47	2.76	5.68	1.26	2.66	.63	3.21	.01	40.98	3.2
BUENA VISTA	3.93																									
CATAWBA SANATORIUM	4.17	1.24	4.45	1.55	1.11	2.50	2.81	.57	3.18	.84	.90	3.12	3.12	1.44	5.54	1.03	7.97	4.29	3.51	.34	2.16	.43	3.39	.44	42.71	.0
CLIFTON FORGE	3.78	.79	3.65	.80	1.85	2.07	1.81	1.27	3.24	.74	.94	2.77	2.82	1.08	2.44	1.93	5.94	2.63	4.13	1.19	1.30	.36	3.86	.91	37.50	3.1
COOTES STORE	3.10		2.39		2.03		3.90		3.34		.72		2.12		3.37		4.72		3.20		2.05		1.91		33.71	
COVINGTON	3.06		2.37		1.03		1.48		1.86		1.08		1.02		2.21		6.88		2.30		1.79		2.65		26.57	
COVINGTON FILT PLANT	3.63		3.21		.80		2.19		2.06		.98		1.96		2.37		5.11		3.60		2.26		2.52		30.69	
CRAIGSVILLE	3.56		3.69		1.78		3.33		3.14		.56		1.18		3.70		6.25		3.31		3.24		3.26		37.00	
DALE ENTERPRISE	2.62	.46	3.58	1.63	.53	2.34	3.92	1.33	2.72	1.28	1.04	2.75	1.86	2.71	3.76	.55	6.57	3.43	2.56	.07	2.38	.28	1.78	.45	33.32	3.0
DEERFIELD 1 S	3.95		3.68		2.30		3.28		3.20		1.78		1.05		4.09		5.88		3.68		3.08		3.17		39.14	
GOSHEN	3.90		3.52		1.83		2.93		3.75		1.63		1.30		3.37		7.17		3.42		2.86		3.79		39.47	
HOT SPRINGS	3.86	.85	3.41	.57	1.41	2.52	3.57	.45	3.23	.44	1.27	2.90	3.14	1.04	4.26	.39	7.93	4.71	3.28	.34	3.70	.93	3.07	.19	42.13	.7
KERRS CREEK 1 WSW	3.88		3.49		2.20		2.32		3.49		2.20		2.15		3.53		7.00		3.94		3.83		3.42		41.45	
LEXINGTON	2.80	.28	4.32	1.57	.57	3.04	2.42	.61	2.64	.91	1.45	2.13	.80	3.38	2.59	1.14	6.12	2.73	4.11	1.24	2.18	.48	3.96	.05	33.26	6.3
MC DOWELL	3.37		3.43		1.44		5.06		2.56		.56		2.69		2.39		7.12		3.11		2.09		2.44		36.26	
MONTEREY	3.24		4.51		1.51		4.89		3.58		1.22		2.00		2.16		7.39		3.46		3.33		2.45		39.74	
MOORES CREEK DAM	3.66		4.56		.71		2.59		3.34		1.69		2.90		4.16		7.26		4.00		2.32		2.78		39.99	
NEW CASTLE	3.67		3.95		1.05		2.72		3.02		1.00		2.37		4.42		7.33		3.65		2.21		3.93		39.32	
NORTH RIVER DAM	4.32	1.64	4.60	2.17	.46	2.88	5.39	2.18	3.20	.73	.48	3.73	2.02	3.00	3.20	1.69	7.66	4.97	2.67	.37	3.41	.70	3.18	.57	41.59	.1
PEAKS OF OTTER	3.90		5.55		.68		3.34		4.65		2.63		3.57		4.15		12.04		5.03		3.11		5.73		54.38	
ROANOKE	4.26	1.14	4.78	1.92	.43	3.10	2.59	.51	3.49	.30	1.54	2.26	3.00	1.25	4.73	.10	7.25	3.99	6.04	.83	1.73	.97	3.25	.27	41.09	.1
STAUNTON WB AIRPORT	3.70	1.03	2.46	.35	1.46	1.89	3.03	.05	3.91	.17	.49	3.20	1.15	2.88	1.56	2.26	6.57	3.28	3.31	.48	2.15	.24	3.31	.61E	33.12	4.3
STAUNTON SEWAGE PLANT	4.05		3.27		.76		2.01		5.20		1.26		1.50		1.82		8.13		3.54		2.89		2.99		37.22	
STUARTS DRAFT																										

Table 3

## TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA  
1966

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.							
* * *																													
TIDEWATER 01																													
BACK BAY WL REF	93	8-20	12	1-30	1-31	13	1-31	13	2-21	23	2-21	23	3-10	30	12-1	31	12-3	28	12-4	24	NONE	NONE	NONE	NONE					
BOHANNON 1 NE	95	7-28	12	2-6	2-21	15	2-21	15	3-17	23	3-29	27	4-11	30	10-31	32	11-4	26	12-3	24	12-25	18	12-27	15	324	307	286	285	266
BOYKINS	100	7-28	7	2-6	2-6	7	1-31	11	3-29	22	4-11	28	5-10	31	10-31	31	10-31	27	11-4	24	12-4	18	12-27	15	324	307	286	285	266
CAPE HENRY WB CITY	97	7-14	12	1-31	1-31	12	1-31	12	2-21	21	2-21	21	3-10	30	12-1	32	12-4	24	12-4	24	NONE	NONE	NONE	NONE					
CHERITON	94	7-14	10	1-30	2-6	11	2-20	20	2-21	23	3-17	25	3-28	30	10-31	31	11-4	24	12-4	17	12-4	17	12-4	17					
CHINCOTEAGUE WL REF	98	7-4	8	1-30	1-31	14	2-20	17	2-22	24	3-18	28	3-29	29	11-4	31	12-3	21	12-3	21	12-4	17	NONE	NONE					
COLONIAL BEACH	100	7-3	8	1-31	2-21	17	2-22	24	3-18	28	3-29	29	5-11	27	11-4	32	11-4	28	12-3	19	12-3	19	NONE	NONE					
DIAMOND SPRINGS	97	7-15	11	1-31	2-1	13	2-21	19	2-21	19	3-26	25	3-29	31	11-4	32	12-3	27	12-4	19	12-4	19	NONE	NONE					
FORT LEE	99	7-28	5	2-6	2-21	16	3-29	20	3-29	20	5-11	28	5-11	28	10-31	30	11-4	23	11-4	23	12-4	15	12-27	11	309	250	220	177	163
FREDERICKSBURG 2 S	-	-	2	2-6	3-9	16	3-29	18	4-10	24	5-10	28	5-10	28	10-18	30	10-21	28	11-4	23	12-4	16	12-4	16	270	250	208	164	161
HOLLAND 1 E	96	7-14	7	2-6	2-21	15	3-29	20	3-29	20	4-11	28	5-11	31	10-21	32	10-31	28	11-4	24	12-4	18	12-27	16	309	250	240	203	163
HOPEWELL	99	7-28	8	2-6	2-21	16	3-29	23	3-29	23	3-29	23	5-11	31	10-21	32	11-4	27	12-3	22	12-4	16	12-4	16	286	286	249	220	163
LANGLEY AIR FORCE BASE	95	7-14	13	1-31	1-31	13	2-21	20	2-21	20	3-29	27	4-11	31	10-31	32	12-3	25	12-4	23	NONE	NONE	NONE	NONE					
NASSAWADOX	96	7-4	2	1-29	2-6	15	2-20	19	3-17	22	3-17	22	4-11	30	10-31	28	10-31	28	12-4	15	12-4	15	12-4	15	301	287	262	228	203
NELSONIA	-	-	-	-	2-9	16	3-17	20	3-17	20	3-29	28	4-11	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWPORT NEWS PRESS BLD	97	7-14	12	1-31	3-2	16	3-2	16	3-2	16	3-2	16	4-3	32	11-29	32	12-3	26	12-4	22	NONE	NONE	NONE	NONE					
NORFOLK WB AIRPORT	97	7-13	10	1-31	1-31	10	2-21	17	2-21	17	3-17	25	3-18	31	10-31	32	11-4	28	12-4	22	NONE	NONE	NONE	NONE					
PAINTER 2 W	97	7-4	2	1-29	2-9	16	3-17	20	3-17	20	4-11	28	5-11	31	10-31	32	11-4	27	12-3	21	12-4	20	12-4	20	261	259	203	173	
PARRAMORE BEACH L B S	91	8-30	9	1-30	1-30	9	2-20	19	2-20	19	2-27	27	3-29	31	12-1	28	12-1	28	12-4	18	12-4	18	12-4	18					
QUANTICO 1 S	99	7-11	2	2-1	2-21	15	3-21	15	3-9	23	3-29	25	5-11	31	10-31	32	11-4	28	12-3	21	12-4	16	12-4	16	286	286	269	221	173
STONY CREEK 4 SW	101	7-28	-1	2-6	2-22	16	4-2	20	4-8	24	5-11	27	5-11	27	10-7	32	10-31	27	11-4	24	12-4	16	12-4	16	285	246	210	173	149
SUFFOLK LAKE KILBY	97	7-13	11	1-31	2-6	12	2-21	19	2-21	19	3-29	26	3-29	26	10-31	32	11-4	28	12-4	21	12-27	20	NONE	NONE					
SUNNYBANK	97	7-3	10	1-31	2-9	16	2-21	17	4-3	24	4-3	24	4-11	32	10-31	31	11-4	28	12-3	23	12-4	19	12-26	16	320	286	244	216	203
TANGIER ISLAND	93	7-13	15	1-30	1-30	15	2-1	20	2-1	20	3-9	28	4-12	32	12-2	32	12-3	26	NONE	NONE	NONE	NONE	NONE	NONE					
URBANNA	97	7-4	10	2-1	2-21	16	2-21	16	3-17	22	3-29	28	4-3	32	10-31	32	11-4	26	12-3	22	12-4	18	12-27	14	309	286	261	220	211
WAKEFIELD 1 NW	102	7-3	-	-	-	-	3-29	20	3-29	20	4-3	28	5-11	30	10-21	31	10-31	28	-	-	-	-	-	-					
WALKERTON	99	7-4	2	2-6	3-9	16	3-29	17	4-11	24	5-11	28	5-11	28	10-8	30	10-31	27	11-4	23	12-4	10	12-4	10	270	250	207	173	150
WALLOPS ISLAND WB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARSAW 2 N	98	7-28	8	2-6	2-21	14	3-10	20	3-29	24	4-11	28	5-11	30	10-21	31	10-31	28	12-1	24	12-4	14	12-4	14	286	268	247	203	163
WEST POINT 2 SW	97	7-14	3	2-6	2-21	11	3-9	18	3-29	21	4-11	26	5-11	30	10-7	32	10-31	28	11-4	23	12-4	16	12-4	16	286	270	220	203	149
WILLIAMSBURG 2 N	98	7-13	6	2-6	2-21	13	3-9	20	3-29	22	4-11	28	5-11	31	10-31	30	11-4	26	12-1	24	12-4	18	12-27	14	309	270	247	207	173
* * *																													
EASTERN PIEDMONT 02																													
ASHLAND 1 SW	99	7-29	-	-	2-21	11	3-29	19	3-29	19	4-11	26	5-11	29	10-7	32	10-21	28	11-4	24	12-3	18	12-4	12	286	249	221	193	149
BLACKSTONE FAA AP	99	7-27	5	1-31	2-21	13	3-29	20	3-29	20	3-29	20	4-15	31	10-21	32	11-4	26	12-4	15	12-4	15	12-4	15	286	250	236	220	189
CHASE CITY	97	7-28	4	1-31	2-6	12	2-21	18	3-29	23	3-29	23	4-10	32	10-31	32	11-4	26	12-3	24	12-4	15	12-4	15	301	286	249	220	204
COLUMBIA	99	7-15	-1	12-28	3-9	15	3-29	24	3-29	24	5-11	27	5-11	27	10-7	32	10-31	25	11-4	24	12-3	18	12-4	13	270	268	220	173	149
CORBIN	97	9-4	5	2-6	3-9	15	3-29	18	4-10	24	5-11	27	5-11	27	10-18	31	10-31	28	11-4	21	12-3	18	12-4	9	270	249	208	173	160
FARMVILLE 2 N	100	7-14	3	12-27	3-9	15	3-29	20	4-10	23	5-11	27	5-11	27	10-7	30	10-21	27	11-4	19	11-4	19	12-4	15	270	239	208	163	149
JOHN H KERR DAM	100	7-15	4	2-6	2-21	15	3-29	20	3-29	20	4-11	27	5-11	31	10-7	32	10-21	28	11-4	24	12-4	15	12-4	15	286	250	220	193	149
LAWRENCEVILLE 5 W	99	7-14	2	2-6	3-9	16	3-29	19	3-29	19	4-11	27	5-11	29	10-21	31	10-31	28	12-1	23	12-4	15	12-4	15	270	250	247	203	163
LOUISA	98	7-3	0	12-27	3-9	14	3-9	14	3-29	24	5-11	27	5-11	27	10-13	27	10-13	27	11-4	23	12-2	20	12-3	16	269	258	220	155	155
NEW CANTON	97	7-27	-3	12-27	3-9	12	3-26	20	4-10	21	5-11	26	5-11	26	10-7	30	10-21	28	10-										

# TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA  
1966

Table 3—Continued

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.					
WINCHESTER 1 N	100	7-3	3	1-29	3-9	16	3-29	19	3-29	19	5-11	28	5-11	28	10-18	31	10-31	26	11-4	23	11-22	19	12-3	13	269	238	220	173	160
WOODSTOCK	100	7-3	4	1-29	3-9	16	3-9	16	3-29	23	5-11	27	5-11	27	10-18	30	10-31	26	11-7	24	11-20	18	12-3	14	269	238	220	173	160
* * *																													
CENTRAL MOUNTAIN 05																													
BALCONY FALLS	97	7-15	3	1-31	2-21	15	3-9	18	3-10	22	3-26	25	5-11	32	10-21	32	11-5	26	11-20	24	12-4	12	12-4	12	286	270	255	224	163
BUCHANAN	102	7-14	4	2-1	3-9	16	3-10	20	3-28	24	4-11	26	5-11	30	10-7	32	10-31	28	11-5	24	11-22	20	12-4	10	270	257	222	203	149
CATAWBA SANATORIUM	97	7-14	2	1-30	2-23	15	3-9	17	3-29	23	5-10	28	5-11	31	10-21	29	11-4	24	11-4	24	11-20	20	12-3	14	283	256	220	178	163
COVINGTON FILT PLANT	97	7-14	2	1-30	3-9	15	3-29	19	3-29	19	4-11	26	5-11	29	10-7	31	10-21	28	11-4	24	11-22	20	12-3	15	269	238	220	193	149
DALE ENTERPRISE	100	7-3	1	1-29	2-27	14	3-9	17	4-11	24	5-10	26	5-10	26	10-2	31	10-7	28	11-4	23	11-20	18	12-3	14	279	256	207	150	145
HOT SPRINGS	99	7-15	1	1-30	3-9	15	3-29	20	4-11	23	5-10	25	5-11	29	10-7	30	10-21	27	11-4	21	11-20	20	12-3	10	269	236	207	164	149
LEXINGTON	101	7-14	5	1-30	3-9	14	3-10	18	4-7	24	5-11	28	5-11	28	10-7	30	10-21	28	11-4	24	11-22	18	12-3	16	269	257	211	163	149
MONTEREY	90	7-14	10	1-30	3-9	11	3-29	19	5-11	24	5-11	24	5-11	24	9-16	30	10-7	27	10-21	24	11-4	19	11-20	16	256	220	163	149	106
PEAKS OF OTTER	92	7-14	10	1-30	3-9	16	3-28	19	3-29	21	5-10	26	5-10	26	10-30	29	11-3	26	11-4	19	11-4	19	12-3	11	269	221	220	177	173
ROANOKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROANOKE WB AIRPORT	100	7-14	3	1-30	2-21	14	3-9	17	3-10	23	3-29	27	5-11	31	10-21	31	11-4	26	11-23	23	12-3	19	12-4	12	266	269	258	220	163
STAUNTON SEWAGE PLANT	97	7-15	-	-	3-9	13	3-29	19	4-15	24	5-11	26	5-11	26	10-7	29	10-21	25	11-4	21	11-14	20	11-20	12	256	230	203	163	149
TIMBERVILLE 3 E	100	7-3	4	1-29	3-9	11	3-10	19	4-10	23	5-11	26	5-11	26	10-7	31	10-31	26	11-4	24	11-20	17	12-3	15	269	255	208	173	149
* * *																													
SOUTHWESTERN MOUNTAIN 06																													
BLACKSBURG 2	96	7-15	-10	1-31	3-9	14	3-29	19	3-29	19	5-10	26	5-11	29	10-2	32	10-7	26	10-31	24	11-4	19	11-22	15	258	220	216	150	144
BRISTOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11-2	31	11-3	26	11-4	17	11-4	17	12-25	13	-	-	-	-	-
BURKES GARDEN	88	7-26	-15	1-30	3-29	9	3-29	9	5-10	22	5-11	27	6-2	29	10-2	30	10-7	23	10-7	23	10-21	20	11-3	16	219	206	150	149	122
CHILHOWIE 1 S	93	7-28	-18	1-31	3-29	10	3-29	10	4-10	21	5-11	28	6-2	29	10-2	32	10-21	26	11-4	14	11-4	14	11-4	14	220	220	208	163	122
FLOYD 2 NE	93	7-14	-10	1-30	3-28	15	4-7	19	4-11	22	5-11	25	6-2	30	9-16	32	10-3	27	10-21	22	11-4	20	11-14	14	231	211	193	145	106
GALAX RADIO WBOB	93	7-15	-6	1-31	4-3	12	4-3	12	4-9	23	5-10	28	6-2	31	10-2	31	10-7	28	11-4	19	11-4	19	12-4	6	245	215	209	150	122
GLEN LYN	97	6-28	-2	1-30	3-9	16	3-29	19	3-29	19	4-11	28	5-10	32	10-21	31	10-31	28	11-4	21	12-3	15	12-3	15	269	249	220	203	164
GRUNDY 3 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARION EVAP STATION	-	-	-11	1-31	3-29	14	3-29	14	4-10	24	4-11	27	6-1	32	10-7	31	11-3	25	11-4	19	11-4	19	12-3	16	249	220	208	206	128
PENNINGTON GAP	95	7-15	-15	2-1	3-29	15	3-29	15	4-10	23	4-10	23	6-1	32	10-6	32	10-21	28	11-4	16	11-4	16	11-4	16	220	220	208	194	127
PULASKI	94	7-14	-2	1-30	3-9	14	3-29	17	3-29	17	4-3	28	5-11	31	10-7	31	11-4	26	11-14	24	12-3	15	12-3	15	269	249	230	215	149
ROCKY KNOB	89	7-26	1	1-30	3-8	14	3-29	20	5-10	24	5-10	24	5-10	24	10-30	31	11-3	19	11-3	19	11-4	14	11-4	14	241	219	177	177	173
ST PAUL	98	7-14	-16	1-31	2-22	16	3-29	17	3-29	17	4-10	25	5-11	31	10-21	30	11-3	28	11-4	17	11-4	17	12-25	5	306	220	220	207	163
SALTVILLE 1 N	96	7-15	-6	2-1	2-22	15	3-29	19	3-30	23	3-30	23	5-10	32	10-21	31	11-4	22	11-4	22	12-3	20	12-4	16	285	249	219	219	164
WISE 1 SE	92	7-14	-15	1-31	3-29	13	3-29	13	4-10	21	5-10	27	6-2	32	10-2	31	10-21	27	11-3	23	11-4	14	11-4	14	220	220	207	164	122
WYTHEVILLE 1 S	96	7-13	-6	1-30	3-29	10	4-3	19	4-11	24	5-10	26	6-2	30	10-2	30	10-6	25	10-21	22	11-4	19	11-22	15	238	215	193	149	122

## 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	-	-	-	5.00	6.83	7.33	9.21	5.30	5.04	3.77	-	-
	WIND	-	-	-	-	1.5	1.52	1.30	1.12	1.20	-	-	-
	MAX	-	-	-	1918	2073	1714	1387	1218	1409	1455	-	-
	MIN	-	-	-	64.9	78.2	85.5	92.3	86.7	79.7	68.5	-	-
* * *													
EASTERN PIEDMONT 02													
JOHN KERR DAM	EVAP	-	-	-	3.98	6.06	7.59	9.09	5.95	5.18	-	-	-
	WIND	-	-	-	1339	1460	1212	993	770	625	-	-	-
* * *													
WESTERN PIEDMONT 03													
CHARLOTTESVILLE 1 W	EVAP	-	-	-	-	-	-	4.88	-	-	-	-	-
	WIND	-	-	-	-	-	5.61	539	640	544	-	-	-
	MAX	-	-	-	-	-	96.0	89.3	-	-	-	-	-
	MIN	-	-	-	-	-	69.9	68.8	-	-	-	-	-
PHILPOT DAM 2	EVAP	-	-	-	3.12	4.86	5.29	6.29	4.48	3.63	2.87	-	-
	WIND	-	-	-	822	569	192	267	305	278	373	-	-
* * *													
SOUTHWESTERN MOUNTAIN 06													
MARION EVAP STA	EVAP	-	-	3.35	3.15	5.18	6.12	-	4.07	3.41	-	2.33	-
	WIND	1628	1401	1726	1360	794	515	-	6.78	778	987	1387	1408
	MAX	-	-	62.8	62.3	79.9	88.7	-	90.9	78.6	71.2	63.8	-
	MIN	-	-	40.3	44.3	53.5	59.4	-	64.8	57.5	44.6	37.6	-

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

## STATION INDEX

VIRGINIA  
1966

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Years of record	Opened or closed yr.	Refer to tables	Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Years of record	Opened or closed yr.	Refer to tables
ABINGDON	0013	04	WASHINGTON	8	36 42	82 00	2000							MANASSAS	5213	04	PR WILLIAM	13	38 45	77 28	318	19	50				1 2 3
ALEXANDRIA CITY GARAGE	0090	04		13	38 48	77 05	70	9	9				1 2 3	C	5271	06	SMYTH	13	36 50	81 31	2235					1 2 3 4	
ALLISONIA	0155	04	PULASKI	13	36 54	80 45	1870							5303	03	HENRY	13	36 42	79 53	1600	28	3			1 2		
ALTAVISTA	0166	03	CAMPBELL	15	37 06	79 18	510	21						5414	05	HIGHLAND	16	38 20	79 30	2000					2		
ANNEVILLE	0193	04	RAPPAHANNOCK	14	38 41	78 01	550	23						5423	05	ROCKINGHAM	16	38 21	78 44	1090					2 C		
APPOMATTOX 3 W	0243	03	APPOMATTOX	3	37 22	75 53	925	28						5453	05	PATRICK	17	36 40	80 27	1500					17		
ASHLAND 1 SW	0327	02	HANDOVER	17	37 45	77 29	220	54						5501	06	WASHINGTON	16	36 42	82 19	1350					59		
BACK BAY WL REF	0385	01	PRINCESS ANNE	2	36 40	75 55	5	14						5685	03	NELSON	17	37 53	79 04	2500					29		
BALCONY FALLS	0411	03	ROCKBRIDGE	9	37 28	79 27	725	19						5690	03	NELSON	17	37 51	79 06	1875					2 C		
BEDFORD	0551	03	BEDFORD	15	37 21	79 31	3375	38	52					5698	05	HIGHLAND	15	38 25	79 35	2810	25	41			1 2 3		
BERRYVILLE	0670	04	CLARKE	14	39 09	77 59	580	15	25					5729	05	ROCKBRIDGE	9	37 45	79 38	1600					31		
BIG MEADOWS	0720	04	PASADENA	14	38 31	78 28	3535	31	31					5951	04	LOUDOUN	13	39 04	77 53	1720	62	63			1 2 3 C		
BLACKSBURG 2	0766	04	MONTGOMERY	11	37 14	80 25	2040	15	15					5931	01	NORTHAMPTON	2	37 28	75 52	35	10	10			1 2 3		
BLACKSTONE FAA AP	0773	02	NOTTOWAY	12	37 05	77 57	440	21	21					5983	01	ACCOMACK	2	37 49	75 35	47	8	8			1 2 3		
BLACKSTONE WATER WORKS	0778	02	NOTTOWAY	12	37 05	78 01	423							6004	02	BUCKINGHAM	17	37 42	78 18	300	71	73			1 2 3		
BLAND	0792	04	BLAND	11	37 04	81 07	2000	16						6012	08	CRAIG	2	37 30	80 06	1325					28		
BOHANNON 1 NE	0835	01	MATHEWS	5	37 25	76 21	8	16						6046	06	GILES	17	37 19	80 31	1900	21				21		
BOTKINS	0956	01	SOUTHAMPTON	10	36 35	77 12	40	13	13					6054	01		17	36 59	76 26	25	45	45			1 2 3		
BRECH BLUFF	0953	02	FLUVANNA	9	37 42	78 18	225							6139	01	PRINCESS ANNE	17	36 56	76 12	22	21				1 2 3		
BRISTOL	1037	06	WASHINGTON	8	36 36	82 10	1993	33	33					6199	05	AUGUSTA	16	38 22	79 16	2400					36		
BROOKNEAL 2 NE	1121	05	CAMPBELL	15	37 03	78 56	500	17						6475	01	ACCOMACK	5	37 35	75 49	30	11	11			2 3 C		
BUCHANAN	1121	05	BOTETOURT	9	37 32	79 41	875	48	45					6491	02	FLUVANNA	9	37 52	78 15	410	10	10			11		
BUCKINGHAM	1136	02	BUCKINGHAM	9	37 33	78 33	485	31						6528	01	ACCOMACK	2	37 34	75 38	8	3	3			1 2 3		
BUENA VISTA	1159	05	ROCKBRIDGE	9	37 43	79 22	840	29						6533	02	SPOTSVYLVANIA	17	38 03	77 42	250	15	15			1 2 3		
BURKES GARDEN	1255	06	TAKEWELL	21	37 17	75 58	11	30	30					7004	06	PULASKI	17	37 05	80 37	1900	61				61		
BYLESBY	1255	06	CARROLL	11	36 48	80 55	2075	23						6593	03	AMHERST	9	37 40	79 17	1013	32				32		
CAPE HENRY WB CITY	1362	01	PRINCESS ANNE	2	36 56	76 00	16	92	92					6626	06	LEE	6	36 45	81 03	1510	34	34			1 2 3		
CATAMOUNT SANATORIUM	1471	05	ROANOKE	19	37 23	80 05	1890	55	55					7201	02	HENRY	17	37 47	80 22	1150	14	14			1 2 3		
CHARLOTTE COURT HOUSE	1585	03	CHARLOTTE	15	37 03	78 38	540	20	20					6712	04	ORANGE	17	38 13	78 07	900	16	16			1 2 3		
CHARLOTTESVILLE 2 W	1593	03	ALBEMARLE	9	38 02	78 31	870	63	60					6723	06	MONTGOMERY	11	37 04	80 21	2178	25				2		
CHARLOTTESVILLE 1 M	1598	03	ALBEMARLE	9	38 02	78 31	540	16	5	14				6906	02	AMELIA	9	37 20	77 58	260	17				17		
CHASE CITY	1606	02	MECKLENBURG	15	36 48	78 28	520	19	19					6955	06	PULASKI	11	37 02	80 47	1850	6	6			1 2 3 C		
CHATHAM 2 NE	1614	03	PITTSYLVANIA	7	36 50	79 22	700	43	43					6979	01	PR WILLIAM	13	38 30	77 19	12	66	62			1 2 3		
CHERTON	1636	01	NORTHAMPTON	2	37 17	75 58	11	30	30					7004	06	PULASKI	17	37 05	80 37	1900	61				61		
CHILHOWIE	1675	06	SMYTH	6	36 47	81 41	2000	15	15					7025	03	CHARLOTTE	15	36 54	78 43	329	61				2 C		
CHINCOTEAGUE WL REF	1687	01	ACCOMACK	2	37 56	75 22	10	5	5					7033	04	ORANGE	14	36 18	78 04	300	21				21		
CHURCHVILLE	1708	05	AUGUSTA	16	38 14	79 10	1476							7201	02	HENRY	17	37 47	80 22	1150	14	14			1 2 3 C		
CLARKSVILLE	1746	02	MECKLENBURG	15	36 38	78 33	325	75						7254	04	WARREN	16	38 56	78 12	500	35				35		
CLIFTON FORGE	1801	05	ALLEGANY	9	37 49	79 50	1055	42						7285	09	ROANOKE	15	37 19	79 58	1149	32	34			1 2 3 C		
CLINCHCO	1808	06	DICKENSON	3	37 10	82 19	1550	16						7312	03	NELSON	17	37 48	78 45	445	29				2		
COLONIAL BEACH	1913	01	WESTMORELAND	13	38 15	76 58	10	4	4					7330	06	FLOYD	11	36 51	80 22	3075	25	25			1 2 3		
COLUMBIA	1929	02	GOODCHLAND	9	37 46	78 09	300	64	68					7338	03	FRANKLIN	15	37 00	79 54	1232	73	73			1 2 3		
CONCORD 5 S	1955	03	CAMPBELL	15	37 17	77 56	500	17						7492	04	WISE	6	36 34	82 19	1500	7	7			1 2 3		
COTTES STORE	1986	05	ROCKINGHAM	16	38 38	78 51	1070	24						7506	06	SMYTH	6	36 53	81 46	1735	48	50			1 2 3		
COPPER HILL	1998	06	FLOYD	11	37 05	80 08	2720	25						7864	01	ISLE OF WIGHT	9	37 01	76 37	37	25				2		
CORBIN	2009	02	CAROLINE	14	38 12	77 22	220	8	8					7904	04	ORANGE	14	36 14	78 13	398	18				18		
COVINGTON	2041	05	ALLEGANY	9	37 48	80 00	1245	29						7971	06	WYTHE	11	36 49	81 10	2340	26				26		
COVINGTON FILL PLANT	2044	05	ALLEGANY	9	37 48	80 00	1230	6	6					7997	06	TAZEWELL	6	37 01	81 39	2340	26				26		
CRAIGSVILLE	2064	05	AUGUSTA	9	38 05	79 29	1600	4						8022	06	GILES	17	37 16	80 44	1825	15				15		
CULPEPER	2155	04	CULPEPER	14	38 29	77 55	475	57	59					8046	04	FREDERICK	16	39 05	78 26	950							
DALE ENTERPRISE	2208	03	ROCKINGHAM	16	38 27	77 56	1400	84	86					8054	02	GOODCHLAND	9	37 38	77 48	180					2		
DANASSUS	2251	04	WASHINGTON	8	36 42	82 00	2000							8062	05	AUGUSTA	16	38 08	79 02	1385	74	80			1 2 3		
DANVILLE-BRIDGE ST	2245	03	PITTSYLVANIA	7	36 50	79 22	410	40	76					8129	01	SUSSEX	12	36 56	77 28	140	7				7		
DANVILLE 2 NE	2269	06	BUCHANAN	3	37 07	82 06	1600	40						8170	03	PATRICK	17	36 38	80 16	1455	7	7			1 2 3 C		
DEERFIELD 1 S	2315	05	AUGUSTA	16	38 10	79 22	1720							8173	09	AUGUSTA	16	38 00	79 03	1450	18				18		
DELAWARE 1 NW	2326	04	FAUQUIER	13	38 54	77 56	955							8192	01	NANSEMOND	6	36 44	76 36	22	20				20		
DIAMOND SPRINGS	2368	01	PRINCESS ANNE	5	36 54	76 12	25	58	58					8224	01	NANSEMOND	6	36 44	76 36	22	20				20		
DRIVER 4 NE	2504	01	NANSEMOND	2	36 53	76 29	17	26	26					8323	03	ACCOMACK	13	37 50	76 00	8	14				14		
ELKNOKE 6 SE	2729	04	CULPEPER	14	38 27	77 46	300	26	24					8398	04	FAUQUIER	13	38 52	77 45	600	21				21		
EMPORIA 1 NW	2790	01	GREENSVILLE	10	36 41	77 33	80	36						8448	05	ROCKINGHAM	16	38 39	78 43	1000	24	35			1 2 3		
FALLS CHURCH 2 SW	2922	04	FAIRFAX	13	38 51	77 12	320	18	18					8547	06	GRAYSON	11	36 42	81 26	3104	31				31		
FARMVILLE 2 N	2941	02	PRINCE EDWARD	1	37 20	76 23	450	45	47					8600	03	NELSON	17	37 38	78 56	710	4	28			1 2 3		
FLOYD 2 NE	3071	06	FLOYD	11	36 56	80 18	2600	34	34					8642	01	MIDDLESEX	14	37 39	76 34	25	30	30			1 2 3		
FOOT LEE	3127	01	PRINCE GEORGE	1	37 14	77 20	60	17	17					8648	04	FAIRFAX	13										

# REFERENCE NOTES

VIRGINIA  
1966

Additional information regarding the climate of Virginia may be obtained by writing to the Weather Bureau State Climatologist, Weather Bureau Airport Station, Byrd Field, Sandston, Virginia 23150, 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.

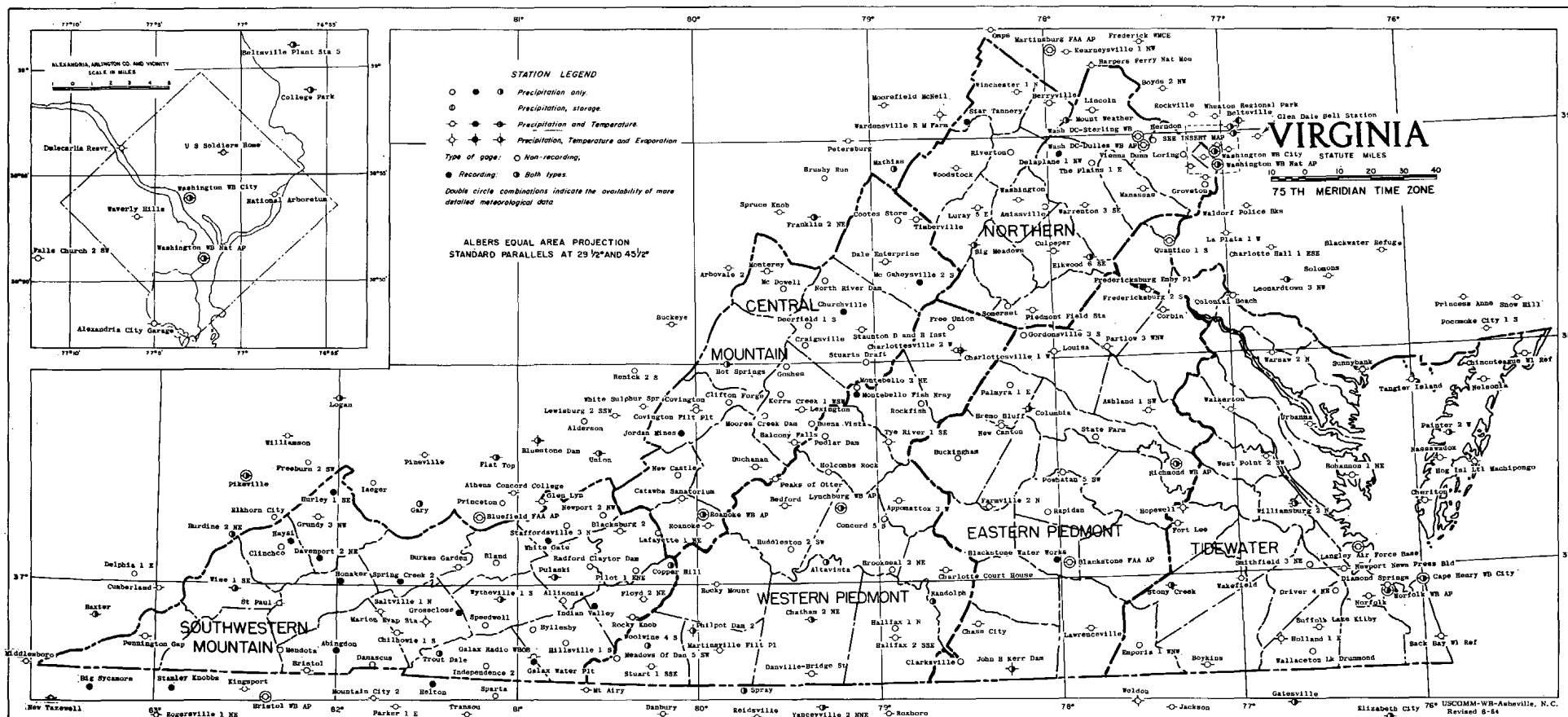
Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

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.

USCOMM-ESSA-ASHEVILLE- 3/22/67-950





20389  
M