

U. S. DEPARTMENT OF COMMERCE
JOHN T. CONNOR, Secretary
WEATHER BUREAU
ROBERT M. WHITE, Chief

CLIMATOLOGICAL DATA

VIRGINIA

ANNUAL SUMMARY 1964

Volume 74 No. 13



ASHEVILLE: 1965

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA
1964

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	43.9		42.3		51.7		56.3		65.6		74.0		75.8		74.9		72.0		60.5		57.0		48.4		60.2	
BOHANNON 1 NE	39.8		39.4		49.9		55.0		67.3		74.4		77.6		74.8		70.7		55.7		53.3		44.9		58.6	
BOYKINS	42.2		40.8M		51.8M		59.9		68.8M		76.3M		77.8M		75.9M		71.0		56.6M		54.0		47.3M		60.2M	
CAPE HENRY WB CITY	43.7	1.1	41.1	- 1.3	50.9	2.0	55.1	- 1.8	66.0	- 0.1	73.9	- 0.6	76.8	- 1.3	74.7	- 2.8	72.0	- 1.1	58.8	- 4.4	56.4	3.4	47.2	3.0	59.6	- 0.4
CHERTON	41.1		39.9		50.1		55.7		66.3		73.0		77.5		75.4		72.2		57.8		54.9		46.0		59.2	
CHINCOTEAGUE WL REF	39.7		38.5		46.4		51.8		64.1		71.3		75.7M		73.1M		70.4M		57.1		52.8		43.4		57.0M	
COLONIAL BEACH	37.8	0.3	37.8	- 0.4	49.0	- 4.0	55.5M	- 0.1	68.4	- 2.9	75.6	- 1.8	78.0M	- 0.3	75.9	- 0.4	70.8M	- 0.7	55.7	- 3.7	52.9M	4.7	41.7M	2.8	58.3M	- 1.1
DIAMOND SPRINGS	42.7	- 1.0	40.6	- 3.4	49.9	- 0.1	56.1	- 3.6	68.8	- 1.1	74.5	- 1.2	77.4	- 1.8	74.4	- 3.5	71.7	- 1.5	58.6	- 4.6	55.7	2.2	46.4	1.8	60.2	- 1.4
FORT LEE	39.0		38.0		48.7		55.7		66.2		72.7		76.0		73.5		70.0		53.9		52.4		44.2		57.3	
FREDERICKSBURG 2 S	35.0M	- 2.1	34.3	- 3.7	46.0	1.0	53.0	- 2.6	64.6	- 0.7	72.5M	- 0.8	77.1	- 0.1	72.8	- 2.7	67.8	- 1.3	52.5	- 5.8	48.7	1.4	40.1	2.2	55.4M	- 1.2
HOG ISL LTL MACHIPONGO	41.2M		40.3		48.7M																					
HOLLAND 1 E	41.2		39.4		49.5		57.1		66.5		73.9		77.3		73.7		70.0		56.1		53.8		44.7		58.6	
HOPEWELL	41.9	0.4	41.0	- 1.7	51.8	2.5	55.3	- 0.4	69.2	- 0.7	76.4	- 0.3	78.6	- 0.6	76.2	- 1.6	70.9	- 1.3	58.4	- 4.9	54.4	3.4	46.4	4.5	60.2	- 0.1
LANGLEY AIR FORCE BASE	41.3	- 0.2	39.6	- 2.4	49.4	1.1	55.1	- 2.6	66.0	- 1.2	73.5	- 1.9	76.6	- 2.4	74.0	- 3.9	70.2	- 2.5	56.0	- 6.1	53.6	2.0	45.5	2.9	58.4	- 1.4
NASSAWADOX	40.7		38.6		49.2		54.8		66.0		73.5		76.6		74.1		70.1		56.2		53.0		44.3		58.1	
NELSONIA	40.3M		38.5M		48.2M		54.2M		66.0M												52.7					
NEWPORT NEWS PRESS BLD	43.1		42.2		51.8		58.8		69.6		77.9		79.5		77.5		73.4		58.8		56.1		47.3		60.2	
NORFOLK WB AIRPORT	42.3	1.1	39.9	- 1.7	49.5	1.5	55.2	- 2.8	66.4	- 1.1	74.5	- 1.1	77.3	- 1.5	74.4	- 3.1	70.8	- 1.8	57.7	- 4.3	54.6	3.2	46.5	4.0	59.1	- 0.6
NORFOLK	46.1	2.8	44.0	0.0	54.2	4.3	60.1	0.8	69.8	1.4	77.6	1.3	78.5M	- 1.1	73.9	- 2.8	73.1	- 0.8	60.2	- 3.5	56.3	4.6	50.3	5.3	62.3M	1.0
PAINTER 2 W	39.3		37.3		47.9		52.7		64.3		72.7		75.4		72.8				53.6		50.3		42.8		56.4	
PARRAMORE BEACH L B S							56.3M		64.8				76.7		75.5		71.9		59.4		54.8		45.8M			
QUANTICO 1 S	35.3	- 1.2	35.9	- 1.6	48.0	3.5	54.7	- 0.8	68.3	3.1	74.5	1.0	77.4	0.1	73.9	- 1.8	68.2	- 4.4	52.2	- 6.1	49.7	2.7	40.4	3.0	56.5	- 0.3
TONY CREEK																										
SUFFOLK LAKE KILBY	42.1		40.0		49.6		57.1		67.3		75.2		77.1		74.4M		70.4		56.3		53.9		45.5		59.1M	
SUNNYSANK	39.9		38.7		48.1		54.0		66.7		73.9		76.4		73.6		69.7		55.9		53.0		43.9M		57.8M	
TANGIER ISLAND	37.0		37.4		45.8		50.9		64.7		72.6		74.7		71.4		67.0		57.0		52.1		42.0		56.8	
URBANNA	40.6M		39.1		49.2M		56.7M		67.1		75.2		77.8		74.3M		70.5M		55.8M		54.5M		44.9M		58.8M	
WAKEFIELD																										
WALKERTON	38.1		37.1		47.4		55.1		66.5		74.0		76.3		73.5		68.0		53.6		51.1		42.4		56.9	
WARSAW 2 N	39.3		37.4		48.3		55.5		67.2		74.7		76.7		74.0		68.2		54.2		52.0		43.4		57.6	
WEST POINT 2 SW	39.7		38.2		48.9		56.7		67.4		74.5		76.8		74.2		68.9		54.6		52.1		43.9		58.0	
WILLIAMSBURG 2 N	40.9		38.8		49.6		57.2		67.3		74.2		76.7		74.3		69.6		55.8		54.0		45.4		58.7	
DIVISION	40.5	0.2	39.2	- 1.9	49.3	1.9	55.7	- 1.5	66.7	0.1	74.3	- 0.3	77.1	- 1.0	74.5	- 2.3	70.4	- 0.9	56.2	- 4.6	53.4	2.9	44.7	3.4	58.5	- 0.3
EASTERN PIEDMONT 02																										
ASHLAND 1 SW	35.7		35.0		47.0		54.7		65.7		72.0		75.5		72.5		66.5		52.6		49.9		40.8		55.7	
BLACKSTONE FAA AP	38.8		37.3		48.3		57.1		67.1		74.2		76.1		73.5		67.9		54.6		53.1		43.8		57.7	
CHASE CITY	39.1		38.9		49.8		58.6		67.4		75.4		76.5		74.2		68.8		55.6		53.4		44.3		58.5	
COLUMBIA	36.0	- 1.7	34.9	- 3.9	47.0	1.2	55.0	- 1.8	66.1	0.2	72.7M	- 1.2	73.3	- 1.2	73.3	- 2.6	67.0	- 2.4	52.6	- 5.5	50.0	2.8	40.7	2.4	56.0M	- 1.1
CORBIN	35.4		34.5		46.4		53.1		65.4		72.3		75.8		72.4		66.7		52.4		49.8		39.9		55.3	
FARMVILLE 2 N	38.0	- 1.4	37.2	- 3.5	48.3	1.3	57.8	- 0.8	66.0	0.1	74.0	0.2	75.9	- 1.6	73.6	- 2.3	68.4	- 3.2	53.5	- 5.2	50.6	2.5	43.2	3.9	57.0	- 0.8
JOHN N KERR DAM	36.4		37.9		49.0		57.4		67.0		74.9		77.1		73.6		68.2		54.0		52.2		42.4		57.5	
LAWRENCEVILLE 2 W	39.4M		37.7		51.0		58.1		66.8		74.8		77.3		74.9		68.6		54.4		51.6		43.9		58.2M	
LOUISA	36.8		35.8		47.3		54.6		66.8		73.7		75.9		73.4		67.3		53.1M		49.7		41.3		56.3M	
NEW CANTON	37.7	- 1.0	36.5	- 3.2	47.7	1.5	56.0	- 0.4	65.4	0.3	72.9	0.5	75.1	- 0.9	73.8	- 0.6	66.3	- 2.1	52.2	- 5.6	50.2	2.5	42.8	3.8	56.4	- 0.4
PARTLOW 3 NW	35.8		34.4		46.6		54.0		64.7		72.6		75.2		72.4		65.5		50.9		47.7		40.4		55.0	
PONNATHAN 5 SW	38.0		35.3M		47.5		54.7		66.0		73.4		75.9		73.8		67.1M		52.4		50.5		42.7		56.4M	
RICHMOND WB AP	38.1	- 0.6	37.2	- 2.7	47.6	- 0.1	55.4	- 2.7	66.4	- 0.6	73.1	- 2.0	75.8	- 2.3	73.1	- 2.9	67.1	- 3.1	53.4	- 5.3	51.5	3.0	42.9	3.2	56.8	- 1.3
DIVISION	37.3	- 1.5	36.4	- 3.5	48.0	1.4	54.9	- 1.0	66.2	0.1	73.5	- 0.4	76.0	- 1.4	73.4	- 2.5	67.2	- 2.5	53.2	- 5.9	50.8	2.7	42.2	3.0	56.7	- 0.9
WESTERN PIEDMONT 03																										
APPOMATTOX 3 W	36.1		35.0		46.1		54.9		65.3		72.7		75.0		72.0		66.0		52.6		51.1		39.9		55.6	
BEDFORD	38.3		37.1		47.4		57.2		66.3		73.8		75.1		72.4		66.6		53.1		51.0		40.7		56.4	
CHARLOTTE COURT HOUSE	35.9		36.0		47.6		56.1		65.9		73.3		75.3M		73.4		66.6		53.3		50.8		41.3		56.3M	
CHARLOTTESVILLE 2 W	37.9	0.7	36.0	- 2.4	47.3	2.0	55.1	- 1.5	67.2	0.9	74.5	0.8	77.0	- 0.3	74.0	- 2.0	68.0	- 1.9	55.7	- 3.8	53.8	5.4	39.7	1.0	57.2	- 0.1
CHARLOTTESVILLE 1 W	38.9		37.7		48.0		56.5		67.4		75.1		76.8		73.9		67.7		54.1		51.7		41.8		57.5	
CHATHAM 2 NE	37.0	- 2.2	37.1	- 3.3	47.5	0.7	56.9	- 0.2	66.4	0.2	73.9	0.0	75.7	- 1.2	73.5	- 2.0	68.9									

Table 1-Continued

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA
1964

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
LEXINGTON	35.7	- 1.7	34.2	- 4.4	43.9	0.8	56.7	1.2	65.3	1.1	73.1	1.5	75.1	0.0	72.8	- 1.0	66.1	- 1.6	52.1	- 4.8	48.6	2.6	40.2	2.5	55.3	- 0.3
MONTEREY	28.4M		25.7		38.7M		49.5M		59.2		64.5		68.1		64.8		60.4		46.9		45.3		32.5		48.7M	
PEAKS OF OTTER	33.2M		30.2		42.2		52.4		62.2M		69.3M		69.8		67.8		62.4		50.4		47.7M		37.1M		52.1M	
ROANOKE	36.9	- 2.0																								
ROANOKE WB AIRPORT	37.3	- 0.8	35.6	- 3.6	46.6	1.1	56.9	0.5	67.4	1.7	74.6	1.2	75.9	- 0.7	74.0	- 1.4	66.8	- 2.3	56.0	- 4.2	51.1	4.4	40.0	1.6	56.7	- 0.2
STAUNTON D AND B INST	34.0	- 1.7	32.3	- 4.1	44.8	2.2	53.4	- 0.1	64.2	0.9	71.5	0.4	73.8	- 0.7	71.4	- 1.3	65.3	- 1.5	51.6	- 4.7	48.9	3.5	38.9	2.3	54.2	- 0.4
TIMBERVILLE	32.9		31.2		43.7		53.3		63.6		71.3		74.8		71.9		65.9		51.6		47.1		38.6		53.8	
DIVISION	34.2	- 1.8	32.1	- 4.9	44.2	0.9	54.4	0.5	64.0	0.9	70.9	0.4	73.1	- 0.8	70.9	- 1.6	64.8	- 1.6	51.2	- 4.9	48.0	3.0	38.6	2.1	53.9	- 0.6
SOUTHWESTERN MOUNTAIN																										
BLACKSBURG 2	32.2		30.5		42.3		53.0		61.6		68.8		71.2		69.2		63.0		49.4		46.6		37.2		52.1	
BRISTOL																										
BURKES GARDEN	30.4	- 2.8	26.8	- 7.5	39.0	- 0.6	51.5	1.8	58.8	1.0	64.8	- 0.1	66.8M	- 1.1	65.8M	- 1.2	60.7	- 0.6	45.9	- 5.5	44.1	3.5	37.2M	3.6	49.3M	- 0.8
CHILHOWIE 1 S	30.1		29.9		41.6		53.6		61.4		69.2		70.3		69.0		63.6		48.9		46.7		38.0		51.8	
FLOYD 2 NE	32.8		30.5M		42.0M		52.9		60.5M		69.3M		68.8		67.4M		61.7M		48.5		45.6		38.2		51.5M	
GALAX RADIO WBOB	33.7				43.2		52.7		61.5		68.9		70.1		68.8		62.7		49.3		46.7		39.2			
GLEN LYN	36.2		34.3		46.9		58.3		66.6		72.7		74.4		72.8		68.0		53.3		49.6		42.0		56.3	
GRUNDY 3 NW	35.6M		34.5		42.7		57.9M		66.9		72.8															
MARION EVAP STATION	32.8		31.2		43.2		53.4		62.1		69.0		69.8		68.6		64.1		49.2		46.3		39.9		52.6	
PENNINGTON GAP	30.6	- 5.5	31.7	- 5.9	43.1	- 0.5	56.1	2.2	64.5M	1.4	69.8	- 0.7	71.6	- 2.3	69.5	- 3.3	65.4	- 1.9	51.2	- 5.3	48.1	4.1	37.6	0.8	53.3M	- 1.4
PULASKI	33.8		30.4		43.1		54.0		63.1		69.7M		71.3		70.9		64.9		50.8		46.8M		39.5		53.2M	
ROCKY KNOB	32.0M		28.9M		41.1M		51.0		58.8M		65.9M		68.6		66.0M		62.5M				47.7		36.0M			
ST PAUL	33.1M		32.7		44.0		55.1		66.2		73.7		75.4		73.2		68.2		54.2		48.8		39.8		55.4M	
SALTVILLE 1 N	32.4	- 4.2	32.3	- 5.4	48.5	- 0.2	56.2	1.5	65.3	1.5	72.3	0.5	75.4	- 1.3	71.5	- 2.1	67.6	- 0.3	52.8	- 4.2	49.1	4.3	38.8	2.0	54.6	- 0.7
WISE 1 SE	34.0		30.2		43.3		55.0		62.0		67.9		69.2		68.0		63.4		50.4		47.8		38.8		52.5	
WYTHEVILLE 1 S	33.4	- 2.8	31.9	- 5.2	43.3	0.4	54.3	1.3	61.9	0.3	68.9	0.0	70.8	- 1.1	69.6	- 1.2	63.3	- 1.7	50.1	- 4.9	46.1	2.1	39.3	3.0	52.7	- 0.9
DIVISION	32.9	- 2.7	31.1	- 5.7	42.6	0.1	54.3	1.1	62.7	0.7	69.6	0.3	70.8	- 1.5	69.3	- 2.0	64.2	- 1.8	50.3	- 4.9	47.3	3.6	38.7	2.7	52.8	- 0.8

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

A Special Weather Summary describing unusual weather in 1964 was included each month except: January, February, October, November, and December issues of this publication.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA
1964

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	4.43		4.77		2.93		3.79		2.16		2.54		4.01		9.24		17.03		4.46		.87		4.98		61.21	
BOHANNON 1 NE	4.27		6.53		2.73		3.00		2.18		1.94		5.91		4.89		5.39		6.13		2.08		3.71		48.76	
BOYKINS	3.02		5.06		2.33		3.12		1.78		1.95		3.76		7.62		6.13		5.01		1.94		3.26		46.98	
CAPE HENRY NB CITY	3.89	.91	4.44	1.19	2.70	.66	2.42	.51	3.49	.45	4.19	.65	6.34	1.34	11.00	5.64	8.16	4.21	4.95	2.08	1.16	1.64	3.49	.73	56.23	14.39
CHERTON	3.15		5.09		3.22		2.64		1.71		6.28		2.93		2.82		8.11		3.20		1.41		4.90		45.06	
CHINOCOTEAU WL REF	4.96		5.93		4.08		4.81		.79		2.89		2.55		1.89		4.57		6.09		1.80		3.17		43.53	
COLONIAL BEACH	4.41	.22	4.02	1.59	1.97	1.23	3.60	.46	1.56	2.63	3.23	.00	3.23	1.32	1.96	2.93	2.82	.95	2.67	.31	1.96	.48	3.80	.85	32.82	6.73
DIAMOND SPRINGS	4.41	.78	4.59	1.14	2.47	1.46	2.67	.70	1.59	2.07	2.63	1.16	6.73	.54	3.37	3.21	20.74	16.26	6.41	3.24	1.28	2.05	3.33	.37	60.22	11.68
DRIVER 4 NE	4.61		4.71		2.05		2.43		2.13		1.29		5.56		6.79		12.24		5.50		1.84		4.25		54.20	
EMPORIA 1 NW	3.26	.10	3.04	.30	2.30	1.27	3.02	.41	2.73	1.29	3.41	.70	3.66	2.52	9.24	4.21	6.20	2.19	4.07	1.61	1.17	1.62	4.58	1.59	46.68	1.59
FORT LEE	4.09		4.37		1.56		4.31		1.36		.87		6.74		4.80		2.28		4.35		1.74		3.18		39.65	
FREDERICKSBURG 2 S	2.36	.84	4.91	2.53	2.52	.76	4.42	1.32	.64	2.92	2.69	.65	1.87	3.02	1.05	4.05	3.11	.34	3.03	.32	.99	1.85	3.20	.40	30.79	10.50
HOG ISL LTL NACHIPONGO	3.68		1.79																							
HOLLAND 1 E	4.48		4.58		2.37		3.52		2.02		.57		6.02		7.29		6.72		7.55		1.48		4.47		51.07	
HOPEWELL	4.19	1.12	4.84	2.08	1.91	1.25	5.06	1.72	2.28	1.69	1.59	2.64	6.64	.78	6.10	1.00	3.46	.27	4.27	1.39	1.84	.96	3.24	.46	45.42	1.74
LANGLEY AIR FORCE BASE	3.38	.15	4.84	1.82	2.66	.76	2.21	.82	2.17	1.31	1.56	1.54	1.56	3.77	3.76	1.37	9.03	5.05	3.33	.46	1.81	.98	3.46	.89	39.77	2.18
YASSAWADOX	4.41		6.02		3.02		3.48		1.23		4.80		3.10		3.68		6.41		4.82		1.49		3.34		45.80	
NELSONIA	5.84		5.52		3.84		2.43		1.25		2.63		1.91		4.20		12.60		5.03		1.74		5.63		48.85	
NEWPORT NEWS PRESS BLD	4.51		4.49		2.43		2.43		2.69		2.63		2.74		4.20		12.60		5.03		1.74		5.63		48.85	
NORFOLK NB AIRPORT	4.56	1.23	4.56	1.35	2.26	1.19	2.38	.78	1.56	1.80	2.58	1.03	7.33	1.41	10.58	4.61	12.26	8.04	5.35	2.65	1.14	1.91	2.95	.21	57.71	12.77
NORFOLK	4.00	.81	4.78	1.66	2.05	1.41	2.44	.75	1.54	1.80	1.90	1.72	5.16	.79	4.75	1.04	16.98	12.90	6.26	3.51	1.17	1.80	3.18	.45	54.21	10.02
PAINTER 2 W	4.42		5.12		3.23		2.66		1.99		4.82		2.83		3.37		4.23		5.08		1.77		3.62		43.14	
PARRAMORE BEACH L B S	4.42		5.12		3.23		2.66		1.99		4.82		2.83		3.37		4.23		5.08		1.77		3.62		43.14	
QUANTICO 1 S	3.78	.62	2.80	.44	2.01	1.21	4.09	1.01	.94		3.20	.06	1.98		5.51		3.35		2.90		.80		2.46		40.84	10.03
SMITHFIELD 3 NE	3.92		3.72		1.82		2.32		2.44		3.66		3.66		3.80		7.50		4.45		1.42		4.66		40.79	
STONY CREEK																										
SUFFOLK LAKE KILBY	4.52		4.59		2.33		2.57		2.04		1.74		6.96		11.60		9.44		7.08		1.45		4.10		58.42	
SUNNYBANK	4.04		5.28		2.59		3.71		.65		6.29		4.57		5.14		2.45		3.50		2.45		2.82		43.47	
TANAGER ISLAND	4.38		4.79		3.01		3.19		.44		3.49		2.42		1.76		1.30		4.53		2.43		2.82		33.80	
URBANNA	4.46		5.75		2.69		3.15		.85		1.85		2.35		5.50		3.02		4.28		2.44		3.00		39.34	
WAKEFIELD																										
WALKERTON	4.17		5.91		2.21		2.86		1.00		4.87		5.53		7.86		1.35		3.03		2.19		3.03		44.21	
WALLACETON LK DRUMMOND	4.16	.50	4.47	.82	3.15	.80	3.74	.02	1.94	2.04	2.10	2.39	4.47	2.26	8.94	3.02	5.49	1.12	9.27	6.07	1.31	2.14	5.06	1.78	54.08	3.66
WARSAW 2 N	3.48		4.97		2.60		4.88		.73		3.93		3.63		6.08		3.38		2.65		2.28		2.46		41.45	
WEST POINT 2 SW	4.66		5.48		2.35		3.31		.94		2.43		4.57		5.24		2.60		4.33		2.86		2.88		41.67	
WILLIAMSBURG 2 N	4.34		5.98		2.71		3.39		2.39		2.96		6.96		2.06		4.23		5.36		2.23		4.30		47.11	
DIVISION	4.12	.75	4.89	1.87	2.60	.93	3.34	.11	1.50	2.11	2.98	.59	4.22	1.19	5.10	.27	6.62	2.74	4.59	1.53	1.70	1.28	3.49	.65	45.15	1.28
EASTERN PIEDMONT 02																										
ASHLAND 1 SW	3.55		4.62		2.18		2.64		.66		3.06		6.82		6.19		3.20		3.95		1.09		3.48		41.40	
BLACKSTONE FAA AP	3.38		4.69		2.12		2.77		2.14		1.63		6.59		4.61		2.32		4.55		2.00		2.74		39.74	
BRENO BLUFF	3.93		4.46		1.72		2.12		.91		.36		2.57		1.63		2.46		2.21		2.45		3.31		27.79	
BUCKINGHAM	3.84		4.63		1.77		2.03		1.43		.99		2.54		1.33		1.18		2.28		2.35		2.70		28.10	
CHASE CITY	3.77		4.57		2.15		2.18		2.91		1.97		5.57		4.87		1.81		6.40		1.62		3.19		41.01	
CLARKSVILLE	3.60	.06	5.01	1.69	2.07	1.83	2.28	1.53	2.07	1.54	3.18	.95	4.53	.41	1.91	3.40	3.30	.55	5.31	2.58	1.58	1.68	2.47	.63	37.31	8.31
COLUMBIA	3.85	.61	3.07	1.13	1.57	1.90	2.67	.82	.70	3.09	2.52	.69	2.52	2.11	1.52	2.77	1.49	2.29	2.20	.69	2.28	.45	3.19	.21	28.33	12.82
CORBIN	4.58		3.62		3.19		.55		2.12		2.58		2.58		1.61		3.02		4.10		2.58		3.89		33.84	
FARMVILLE 2 N	3.50	1.70	5.33	2.08	2.50	.68	2.88	.76	2.13	1.89	1.17	3.14	3.90	.92	3.14	1.55	2.52	1.28	3.50	.54	1.67	1.42	3.70	.52	36.74	6.80
GORDONSVILLE 3 S	4.58		3.06		3.19		.55		2.12		2.58		2.58		1.61		3.02		4.10		2.58		3.89		33.84	
JOHN W KERR DAM	3.58		4.54		1.93		1.89		1.13		1.72		5.38		3.40		3.65		4.56		1.96		2.95		36.61	
LAWRENCEVILLE	4.60		4.35		2.55		3.25		.76		3.75		7.45		8.10		3.60		4.25		1.75		2.90		48.06	
LOCUISA	4.6																									

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA
1964

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
BERRYVILLE	3.99		4.02		2.54		4.97		.89		2.03		3.82		3.00		3.99		2.11		1.70		2.35		35.37	
BIG MEADOWS	4.96		4.77		2.58		6.19		1.88		1.42		3.30		2.51		3.93		3.78		1.46		3.37		43.18	
CULPEPER	5.57	2.54	3.52	.97	2.10	1.28	4.26	.62	1.89	3.21	1.03	3.04	3.39	1.41	2.31	2.07	3.96	.34	3.27	.13	2.25	.73	2.85	.02	35.01	7.16
ELKWOOD & SE FAIRFAX	4.53		3.90		2.07		3.75		1.27		1.03		3.24		3.46		4.11		3.02		2.59		3.20		36.17	
FALLS CHURCH 2 SW GROVETON	3.86		3.88		2.80		4.87		2.18		2.31		2.03		2.15		3.64		2.06		1.71		3.42		34.91	
LINCOLN	4.06		3.37		1.97		4.99		1.64		1.12		1.92		1.61		3.33		1.67		1.67		3.35		30.70	
LURAY & E MANASSAS	3.66	.63	4.50	1.76	2.70	1.08	3.72	2.19	1.83	3.33	2.04	1.55	6.88	2.62	1.42	3.12	5.73	2.40	1.92	1.55	1.60	1.28	3.31	.19E	40.51	2.12
MOUNT WEATHER	4.73		4.54		2.99		4.53		.85		2.11		2.37		1.73		3.65		3.81		2.79		2.63		35.73	
PIEDMONT FIELD STATION	4.37	.70	3.75	1.42	1.82	1.44	4.46	1.15	1.56	3.73	2.26	1.30	4.00	.17	3.11	1.38	4.55	.78	2.77	.93	2.04	.85	2.22	.41	34.91	5.82
RAPIDAN	3.22		3.60		2.05		3.09		1.65		2.62		2.03		3.00		3.60		3.14		2.79		3.32		34.11	
RIVERTON	5.16		3.27		2.60		3.72		1.28		1.16		2.41		3.22		3.61		3.10		2.66		3.25		36.74	
SOMERSET	2.57	.17E	3.22	1.23E	2.38	.48	4.55	1.67	1.91	1.96	2.38	.83	3.47	.09	2.03	1.73	4.57	1.71	3.24	.17	2.31	.06	2.38	.00E	35.01	.36
SOMERSET	4.75		4.07		1.68		3.20		1.01		1.60		4.27		2.23		3.52		3.38		2.81		3.23		35.75	
THE PLAINS 1 E VIENNA DUNN LORING	4.56		4.56		2.38		3.72		1.42		.34		4.45		3.48		5.27		2.93		2.34		3.52		40.77	
WARRENTON 3 SE WASHINGTON	4.32		4.34		2.65		5.03		2.47		1.80		2.29		2.25		3.96		2.08		1.52		2.98		35.89	
WASHINGTON	3.71		3.28		2.07		6.73		1.33		.96		2.92		2.87		3.48		2.86		1.90		2.85		34.96	
WASH DC DULLES NB AP	2.70		2.70		2.16		7.30		1.66		1.32		5.58		2.86		4.54		3.16		3.03		2.62		34.96	
WASH DC DULLES NB AP	5.56		4.50		2.82		3.68		.80		1.36		3.09		2.49		3.72		1.96		1.80		4.19		35.97	
WASH DC STERLING WASH DC NAT AP	3.95		3.68		2.62		3.62		.62		1.00		2.26		2.94		3.62		1.70		1.73		4.09		31.83	
WASH DC STERLING WASH DC NAT AP	3.98	.95	3.38	.91	2.53	.68	4.37	1.22	1.46	2.68	1.30	.91	1.87	2.28	1.89	3.01	3.07	.76	1.34	1.73	1.42	1.42	2.87	.09	29.48	11.30
WAVERTY HILLS	4.58		3.85		2.87		4.86		2.03		1.80		2.13		2.60		3.38		1.91		1.88		3.58		35.47	
WINCHESTER 1 N WOODSTOCK	3.48	1.09	3.79	1.67	2.81	.35	6.54	.54	1.47	3.63	1.68	2.02	3.14	1.10	1.84	2.32	4.16	1.19	1.86	1.50	1.54	1.05	2.46	.02	30.88	7.59
WOODSTOCK	3.07	.81	3.17	1.43	2.18	.68	2.70	.13	1.44	3.37	1.67	2.16	1.46	1.34	3.44	3.32	4.90	2.07	2.58	.32	1.27	.86	2.45	.23	26.83	8.64
DIVISION	4.15	1.34	3.83	1.48	2.41	.96	4.60	1.27	1.13	3.00	1.56	2.11	3.03	1.28	2.34	2.22	4.01	.58	2.57	.88	2.10	.73	3.09	.29	34.82	6.22
CENTRAL MOUNTAIN 05																										
BALCONY FALLS	4.63	1.21	5.44	2.46	2.20	1.79	3.63	.02	1.62	2.09	.98	2.53	3.97	.11	2.44	2.18	2.15	1.65	3.51	.18	4.74	1.75	3.46	.25	38.77	4.48
BUCHANAN	3.67	.42	4.40	1.47	2.12	1.69	3.20	.15	1.96	2.08	1.86	2.46	2.79	1.62	2.53	2.14	1.76	1.95	3.58	.16	3.53	.44	3.01	.19	34.41	9.79
BUENA VISTA	4.04		4.38		2.85		2.28		1.37		1.62		1.56		1.79		1.89		2.39		1.97		3.31		31.12	
CATAMOUNT SANATORIUM	4.16		4.50		2.01	1.60	4.42	1.04	1.49	2.33	2.12	1.90	3.43	.13	4.42	.10	4.47	1.21	3.42	.24	2.00	.31	2.18	.78E	38.29	4.21
CLIFTON FORGE	3.61	.82	4.73	1.88	2.65	1.27	3.44	.36	1.35	2.63	2.01	1.70	5.04	1.14	4.15	.22	3.37	.06	1.09	1.85	3.27	.53	3.24	.29	38.15	2.59
COOYES STORE	3.01		3.22		1.80		2.29		1.01		2.14		1.71		1.59		6.70		2.19		1.91		2.67		30.24	
COVINGTON	2.64		3.64		1.96		2.27		.94		2.32		3.01		2.43		3.32		1.07		2.29		2.11		28.00	
COVINGTON FILT PLANT	3.50		3.48		2.08		2.54		.86		3.07		3.38		2.80		2.95		1.38		2.56		3.18		31.27	
CRAIGSVILLE	3.78		3.90		2.23		2.48		.55		2.67		2.14		2.26		4.15		1.18		2.54		3.09		30.97	
DALE ENTERPRISE	2.44	.30	2.04	.09	1.75	1.12	2.82	.23	2.60	1.40	1.95	1.84	1.49	3.08	1.43	2.88	3.32	.18	1.79	.84	1.93	.17	2.48	.25	26.00	10.28
DEERFIELD 1 S	2.85		3.80		2.62		4.09		.88		.99		4.18		3.11		4.37		1.83		2.17		3.14		33.83	
GOSHEN	3.73		5.31		1.40		2.72		.42		2.56		2.82		2.19		5.14		.93		3.75		3.04		34.01	
HOT SPRINGS	4.12	1.11	4.52	1.68	2.73	1.20	4.18	1.04	1.03	2.64	2.77	1.40	4.35	.17	2.94	1.71	4.69	1.47	1.82	1.12	3.28	.51	3.41	.53	39.64	1.54
KERRS CREEK 1 WSW	4.60		5.28		2.31		3.84		1.03		3.09		2.91		3.61		3.12		.93		3.38		2.74		36.84	
LEXINGTON	3.89	.81	4.54	1.79	2.11	1.50	3.20	.17	1.10	2.45	2.46	1.10	1.47	2.71	1.96	2.07	2.50	.89	1.11	1.76	2.65	.01	3.26	.35	30.27	9.37
MC DOWELL									.14		1.40		3.97		1.24		3.92		1.21		.82		2.45			
MONTEREY	3.82		4.06		3.61		3.55		.52		1.57		2.98		1.84		4.08		2.29		2.48		3.33		34.15	
MOORES CREEK DAM	4.01		4.59		2.52		2.53		1.25		2.10		2.20		3.00		1.80		.39		3.30		4.03		31.72	
NEW CASTLE	4.08		4.67		1.97		3.92		1.79		1.94		3.60		3.85		3.23		2.03		3.08		2.46		36.64	
NORTH RIVER DAM	3.61	.93	4.28	1.85	2.26	1.08	3.82	.61	1.34	2.59	2.75	1.46	6.74	.28	3.46	1.43	4.56	.87	2.07	.97	2.77	.06	2.54	.07	38.20	3.56
PEAKS OF OTTER	5.12		6.05		2.32		4.64		3.03		1.41		7.34		6.03		3.71		4.60		4.54		4.35		53.14	
ROANOKE	5.31	2.20																								
ROANOKE NB AIRPORT	2.02	2.08	5.33	2.47	1.81	1.72	3.54	.44	1.70	2.00	1.97	1.83	3.37	.88	3.54	1.09	2.70	.56	2.80	.41	3.09	.39	2.73	.25	37.87	3.36
STANTON D AND B INST	3.09	.42	3.27	1.16	1.05	2.12	2.16	.82	1.20	2.54	1.95	3.10	1.78	2.23	2.68	1.14	3.55	.26	1.87	.96	2.23	.18	2.02	.68E	25.49	11.93
STUARTS DRAFT	4.64		4.67		.82		2.44		1.19		1.36		1.46		2.05		2.30		3.38		3.40		3.			

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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.					
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
WASH DC-STERLING WB	98	6-27	-10	1-15	2-25	15	3-31	19	4-5	21	4-5	21	4-16	31	10-7	31	10-8	28	10-12	24	11-22	13	11-22	13	271	236	190	186	173
WASHINGTON WB NAT AP	100	6-10	-7	1-15	1-16	11	2-23	19	3-31	23	3-31	23	4-5	32	10-24	32	11-21	27	11-22	22	12-19	15	12-19	15	238	300	236	235	202
WAVERLY HILLS	99	6-30	-10	1-14	1-16	12	3-31	20	3-31	20	4-4	28	4-5	30	10-11	31	11-22	17	11-22	17	11-22	17	12-19	16	238	236	236	232	169
WINCHESTER 1 N	98	6-27	-5	1-15	2-28	13	3-31	20	4-5	23	4-5	23	4-16	30	10-6	31	10-8	28	11-22	14	11-22	14	11-22	14	268	236	231	168	173
WOODSTOCK	100	6-27	-5	2-23	2-28	15	3-18	20	4-5	23	4-10	25	4-16	30	10-6	31	10-7	27	11-22	13	11-22	13	11-22	13	268	249	231	180	173
* * *																													
CENTRAL MOUNTAIN	05																												
BALCONY FALLS			5	1-16	2-23	14	3-18	20	3-30	24	4-1	28	4-10	29	10-7	32	10-24	27	11-22	16	11-22	16	11-22	16	273	249	237	206	180
BUCHANAN	97	6-21	-2	1-16	2-23	10	3-31	20	3-31	20	4-1	28	4-16	31	10-7	32	10-11	26	11-22	16	11-22	16	11-22	16	273	236	236	184	174
BUENA VISTA				NONE			NONE		4-2	24	4-10	25	4-16	29															
CATANBA SANATORIUM	94	6-21	4	12-19	3-30	15	3-31	20	4-1	24	4-2	27	4-10	32	10-6	31	10-11	26	11-22	12	11-22	12	11-22	12	237	236	235	192	179
COVINGTON FILT PLANT	95	6-21	0	1-16	2-23	10	3-31	18	4-10	24	4-10	24	4-16	29	10-6	31	10-7	27	10-11	23	11-22	12	11-22	12	273	236	184	180	173
DALE ENTERPRISE	96	9-11	-1	2-23	2-26	16	3-19	20	4-5	24	4-10	28	4-16	30	10-6	32	10-11	25	10-24	24	11-22	10	11-22	10	270	248	202	184	173
HOT SPRINGS	91	6-30	-3	1-15	3-31	15	3-31	18	4-2	23	4-16	28	4-16	28	10-6	28	10-6	28	10-11	22	11-22	11	11-22	11	237	236	192	173	173
LEXINGTON	99	8-27	-1	2-12	2-23	9	4-1	18	4-2	21	4-10	25	4-11	31	10-6	32	10-7	28	10-11	24	11-22	11	11-22	11	273	235	192	184	178
MONTEREY	90	6-28	-3	2-23	3-31	15	4-1	18	4-5	24	4-9	26	4-11	31	9-14	29	10-6	25	10-7	24	10-11	19	11-22	9	266	192	185	160	156
PEAKS OF OTTER	89	6-21	-4	1-14	3-31	15	4-1	20	4-1	20	4-9	27	4-10	31	10-7	32	10-11	27	11-22	11	11-22	11	11-22	11	236	235	235	185	180
ROANOKE																													
ROANOKE WB AIRPORT	98	6-21	8	12-19	2-23	15	3-30	20	3-31	24	4-1	28	4-10	30	10-7	31	10-11	28	11-21	24	11-22	17	12-16	15	297	237	235	193	180
STAUNTON D AND B INST	97	6-21	5	2-12	2-24	15	4-1	20	4-2	24	4-4	27	4-10	30	10-7	32	10-11	27	11-22	15	11-22	15	11-22	15	272	235	234	190	180
TIMBERVILLE	97	7-4	-4	1-15	2-28	16	4-2	20	4-4	24	4-10	26	4-16	30	10-6	32	10-11	26	11-22	11	11-22	11	11-22	11	268	234	232	184	173
* * *																													
SOUTHWESTERN MOUNTAIN	06																												
BLACKSBURG 2	93	6-22	2	1-16	3-31	16	3-31	16	4-1	23	4-2	25	4-16	30	10-6	28	10-6	28	10-11	23	11-22	13	11-22	13	236	236	193	187	173
BRISTOL																													
BURKES GARDEN	86	6-23	-10	2-12	3-31	10	4-2	19	4-16	24	4-16	24	6-4	31	9-14	32	9-15	27	10-6	24	10-7	20	10-11	16	194	188	173	152	102
CHILHOWIE 1 S	93	6-22	-10	1-15	3-31	14	4-1	18	4-10	22	4-16	27	4-16	27	9-15	31	10-6	27	10-7	24	10-24	19	11-22	7	236	206	180	173	152
FLOYD 2 NE	91	6-21	0	12-19	3-31	14	4-1	20	4-10	24	4-16	25	4-16	25	9-15	30	10-6	28	10-7	23	10-11	20	11-22	11	236	193	180	173	152
GALAX RADIO WBOB	90	6-22	-5	1-16	3-30	12	3-31	17	4-10	24	4-11	27	4-16	29	9-26	32	10-6	28	10-11	22	11-22	12	11-22	12	237	236	184	178	163
GLEN LYN	97	6-21	0	1-15	3-31	14	3-31	14	3-31	14	4-10	27	4-16	31	10-6	31	10-11	26	11-22	12	11-22	12	11-22	12	236	236	184	173	173
GRUNDY 3 NW					2-23	16	3-29	17	3-29	17	4-10	28	4-11	29															
MARION EVAP STATION	91	6-22	-4	1-15	3-30	12	4-1	19	4-1	19	4-10	25	4-16	30	10-6	27	10-6	27	10-11	22	11-22	8	11-22	8	237	235	193	173	173
PENNINGTON GAP	89	6-24	-5	1-15	3-30	16	3-31	20	4-2	24	4-11	27	4-11	27	10-6	31	10-11	25	11-22	10	11-22	10	11-22	10	237	236	234	183	178
PULASKI	89	8-3	5	12-19	3-30	16	3-30	16	3-31	22	4-10	28	4-16	32	10-6	32	10-11	26	11-21	22	11-22	13	11-22	13	237	237	235	184	173
ROCKY KNOB	85	6-23	3	1-14			4-1	18	4-9	24	4-9	24	4-10	29	10-6	32	10-11	28			11-22	11	11-22	11		235		185	179
ST PAUL	97	6-22	-2	3-16	4-1	15	4-1	15	4-10	22	4-16	28	4-16	28	10-6	31	10-11	25	11-22	11	11-22	11	11-22	11	235	235	226	178	173
SALTVILLE 1 N	94	6-28	0	1-16	3-31	16	3-31	16	4-2	24	4-11	27	4-11	27	10-7	30	10-11	28	11-22	14	11-22	14	11-22	14	236	236	234	183	179
WISE 1 SE	88	6-22	-3	2-23	4-1	16	4-1	16	4-10	24	4-10	24	4-16	31	10-6	27	10-6	27	10-11	21	11-22	7	11-22	7	235	235	184	179	173
WYTHEVILLE 1 S	90	7-28	-2	1-16	3-30	13	4-1	20	4-10	24	4-16	25	4-16	25	9-26	31	10-6	28	10-11	20	10-11	20	11-22	9	237	193	184	173	163

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	-	-	-	B 5.78	7.71	7.91	7.21	B 6.42	4.68	B 2.84	-	-	-
	DEP	-	-	-	.73	.18	.48	-	.18	.24	.73	-	-	-
	WIND	-	-	-	B 2404	2397	1575	-	B 1360	1671	1331	-	-	-
	MAX	-	-	-	70.9	80.3	89.0	89.2	88.2	82.7	66.7	-	-	-
	MIN	-	-	-	47.5	57.0	64.2	68.5	66.4	61.2	47.5	-	-	-
EASTERN PIEDMONT 02														
JOHN H. KERR DAM	EVAP	-	-	-	B 4.31	6.74	7.64	6.62	5.25	B 4.74	2.20	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	B 1576	1471	1090	1350	990	990	794	-	-	-
WESTERN PIEDMONT 03														
CHARLOTTESVILLE 1 W	EVAP	-	-	-	-	B 6.40	7.09	B 6.40	B 5.87	4.45	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	1126	819	760	716	820	-	-	-	-
	MAX	-	-	-	-	83.8	92.1	93.2	87.9	82.2	-	-	-	-
	MIN	-	-	-	-	57.4	64.9	69.4	66.3	57.8	-	-	-	-
PHILPOT DAM 2	EVAP	-	-	-	B 3.57	5.22	5.39	B 5.10	B 4.41	B 3.96	B 2.72	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	B 1023	682	412	448	531	372	433	-	-	-
SOUTHWESTERN MOUNTAIN 06														
MARION EVAP STATION	EVAP	-	-	B 3.62	4.08	6.06	6.38	5.56	5.21	4.66	2.60	2.20	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	2070	1903	2159	1702	1246	858	771	872	814	974	1218	-	-
	MAX	-	-	57.1	67.1	83.7	93.8	88.9	85.6	82.0	63.5	59.3	-	-
	MIN	-	-	36.7	43.7	51.5	58.1	65.2	64.0	56.9	43.0	42.4	-	-

VIRGINIA
1964

1-APPOMATTOX; 2-ATLANTIC; 3-BIG SANDY; 4-BLACKWATER; 5-CHESAPEAKE; 6-CLINCH; 7-DAN; 8-HOULSTON; 9-JAMES; 10-MEHERRIN; 11-NEW; 12-NOTTOWAY; 13-POTOMAC;
14-RAPPAHANNOCK; 15-ROANOKE; 16-SHENENDOAH; 17-YORK

DATE - 1964

JANUARY 21
FEBRUARY 1

AUGUST 12

JANUARY 21
AUGUST 3AUGUST 3
FEBRUARY 1

JANUARY 25

ANALYSIS 22

JANUARY 22
JUNE 8

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REFERENCE NOTES

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

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.
- G Soil temperatures published.

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.

