

CLIMATOLOGICAL DATA

38

VIRGINIA SECTION

F. N. HIBBARD

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RICHMOND, VA., YEAR 1939

No. 13

GENERAL SUMMARY

For the state as a whole the weather for 1939 was slightly warmer than usual and somewhat drier. Precipitation lacked 0.7 inch of equaling the forty nine year average, and temperatures exceeded the usual figures by 1.3 degrees.

Section temperatures ranged from 54.3 degrees in the Great Valley to 60.0 degrees in Tidewater, with a variation in departures from plus 1.1 degrees in the Great Valley to plus 1.6 degrees in Tidewater. Average temperatures at individual stations ranged from 47.9 at Big Meadows to 62.2 degrees at Diamond Springs; and station departures from minus 0.3 degrees at Christchurch to plus 3.0 degrees at Culpeper. April, July, and November, were the only months colder than usual, with the last named month being the fifth coldest of record. Temperatures during the other months were higher than usual, with those of February the sixth highest, and those of June the third highest of record.

In precipitation, the unusually wet months were February, July, and August, with February the third wettest, and July the sixth wettest of record; but the excesses in these months were well offset by the deficiencies of May, the fourth driest, September, the third driest, and December, the fifth driest of record. Section amounts ranged from, roughly, 38 inches in the Great Valley to about 49 inches in Tidewater; corresponding to a deficiency of five inches in the former and an excess of nearly five inches in the latter. Amounts at individual stations ranged from 27 and a fraction at Radford to more than 61 inches at Wallaceton; and departures from a deficiency 12 inches at Saltville to an excess of more than 11 inches at Norfolk. Snowfall was about normal.

Excepting drought conditions in May, and a hard freeze in April, that damaged the peach crop rather seriously, the weather was generally favorable for growing crops and farm work. The average killing frost in Spring ranged from April 6th in Tidewater to April 27th in the Great Valley; and the first in Autumn, from November 10 in Tidewater to October 4 in the Great Valley; likewise, the growing season ranged from 219 days in Tidewater to 171 days in the Great Valley. Unusually heavy rainfall in February, accompanied by rather warm weather, delayed spring spinach, cabbage, and other truck. Considerable blue mold was reported in the tobacco districts during April, but with drier conditions during May it was checked. May dry weather seriously injured truck crops, especially potatoes, peas, and snap beans, and gardens; hay crops and pastures were greatly retarded. This dry weather was fully relieved during June and all crops made rapid progress thereafter. Drought conditions again became severe during September but most farm crops had reached maturity and suffered little damage. Fall plowing and seeding, however, was delayed.

Storm damage was as follows: February 15th straight line winds damaged \$3,250 worth of property in and around Buena Vista; brush fires entailed some small damage around Lynch-

burg in March; April 1st a thunder squall near Norfolk entailed a loss of \$7,000 to telephone lines, windows and roofs; two persons were killed in Danville by lightning on June 20th; hail and wind entailed a \$15,000 loss to crops and buildings near Purcellville on June 22d.

Hail in July caused a loss of \$27,500 to tobacco in Halifax, Henry, and Roanoke Counties, \$20,000 to apples and other crops in Frederick County, and \$1,000 to general crops in Smyth County. Heavy rain entailed a loss of \$3,000 to roads and bridges in Bedford County and \$20,000 to real property in Norfolk and vicinity. On the 18th an incipient tornado caused \$2,000 damage to crops and \$2,000 to buildings and livestock in Pittsylvania County; and lightning on the 29th caused \$9,500 damage to buildings in Chesterfield and Hanover Counties. On August 4th, lightning destroyed a barn and silo near Lynchburg, \$3,900; August 15th, a tornado in Northumberland County entailed a general loss of \$100,000, with one person killed and eight injured; flood waters in the Smyth River took a toll of \$12,000 in roads and bridges; a \$2,000 barn near Bedford was destroyed by lightning on September 3d; and forest fires in November burned over nearly 12,000 acres in southwestern Virginia.—L. L. K.

COMPARATIVE ANNUAL DATA FOR THE STATE

Year	Mean temperature	Highest	Lowest	Average precipitation	Average snow-fall	No. of days 0.01 inch or more of precipitation	No. of clear days	No. of partly cloudy days	No. of cloudy days
NORMALS OR EXTREMES.....	55.9	109	-29	41.95	16.9	104	162	101	102
1891.....	55.6	106	-8	47.94	.....	95	163	101	102
1892.....	54.6	106	-8	39.45	.....	95	163	101	102
1893.....	54.7	104	-26	46.22	23.1	103	156	100	109
1894.....	56.8	106	-11	35.76	17.0	88	166	104	95
1895.....	54.4	107	-18	38.28	38.8	94	174	103	88
1896.....	56.6	105	-10	42.64	12.3	93	163	106	97
1897.....	56.0	103	-15	39.19	11.8	92	171	99	95
1898.....	56.6	105	-9	44.71	8.7	108	162	101	102
1899.....	55.4	106	-29	42.20	36.7	98	176	95	94
1900.....	57.1	107	-8	39.52	18.6	86	181	91	93
1901.....	54.5	106	-14	49.99	9.5	100	167	94	104
1902.....	54.9	105	-13	40.67	14.9	95	170	97	96
1903.....	54.9	105	-13	44.09	8.4	95	172	89	104
1904.....	53.7	100	-14	36.11	24.9	95	170	101	95
1905.....	54.9	98	-15	43.27	18.5	111	155	112	98
1906.....	56.2	102	-2	50.03	15.2	124	143	120	102
1907.....	54.5	97	-16	44.41	17.4	115	159	115	91
1908.....	55.5	102	-20	46.17	30.0	110	162	108	96
1909.....	55.6	102	-5	38.02	12.9	101	171	104	90
1910.....	54.8	102	-9	41.37	20.3	112	151	116	98
1911.....	56.8	104	0	41.00	9.2	115	149	110	106
1912.....	54.9	100	-25	40.88	24.6	103	165	106	95
1913.....	57.2	102	-8	42.33	4.0	100	178	98	89
1914.....	55.1	103	-17	36.66	39.8	101	168	100	97
1915.....	55.6	101	-6	40.03	13.5	97	160	116	89
1916.....	55.6	102	-11	38.94	18.6	103	165	106	95
1917.....	53.3	103	-27	40.11	23.7	114	158	107	100
1918.....	55.5	108	-22	43.48	24.7	105	159	97	109
1919.....	56.8	103	-16	41.65	7.4	102	161	99	105
1920.....	54.8	99	-9	45.91	7.1	106	162	89	115
1921.....	58.4	104	-12	34.94	13.8	97	161	102	102
1922.....	56.9	100	-13	45.15	24.8	110	145	107	113
1923.....	56.1	103	-1	40.90	10.3	104	168	96	101
1924.....	54.4	107	-12	47.34	12.8	105	165	90	111
1925.....	56.6	103	-14	32.53	9.5	98	160	99	106
1926.....	55.5	107	-6	41.41	16.5	112	157	97	111
1927.....	56.5	104	-7	41.64	10.4	113	146	103	114
1928.....	55.7	103	-5	43.07	9.2	110	151	112	103
1929.....	56.2	99	-8	46.31	16.7	115	155	97	113
1930.....	56.9	109	-13	24.99	23.4	86	165	99	101
1931.....	57.8	104	-2	38.00	3.7	105	163	106	96
1932.....	57.5	108	-9	44.68	13.1	102	169	90	107
1933.....	57.6	104	-7	39.46	8.2	105	163	101	101
1934.....	56.2	107	-16	45.73	21.6	113	157	104	104
1935.....	55.4	101	-16	46.68	21.9	119	150	103	112
1936.....	56.0	109	-17	45.30	25.1	108	169	95	102
1937.....	55.7	102	-3	53.20	14.7	126	155	99	111
1938.....	57.0	101	-3	42.21	9.1	113	169	89	107
1939.....	57.2	101	-1	41.26	15.9	106	176	91	98

Temperature, degrees Fahrenheit

Stations	Counties	Elevation, feet	Temperature, degrees Fahrenheit						Length of record, years	Precipitation				Total snowfall	Sky				Prevailing direction of wind	
			Length of record, years	Annual mean	Highest	Date	Lowest	Date		Total for the year	Greatest monthly	Month	Least monthly		Month	Number of rainy days	Number of clear days	Number of partly cloudy days		Number of cloudy days
Tidewater Virginia																				
Cape Henry	Princess Anne	16	66	60.7	97	Sept. 8	22	Dec. 25	66	53.06	9.36	July	1.06	Sept.	2.3	113	136	106	123	sw.
Capron	Southampton	100																		
Cheriton	Northampton	11	3	60.1	95	Sept. 8	20	Jan. 26†	13	48.40	8.10	Aug.	0.43	Sept.	13.0	91	275	6	84	s.
Christ Church	Middlesex	107	15	58.3	95	June 1†	15	Jan. 28	20	35.89	7.58	Aug.	0.43	Sept.	7.0	76	211	65	84	n.
Dahlgren	King George	18	20	58.1	94	Sept. 8	18	Jan. 26	31	37.49	6.34	Feb.	1.30	Mar.	8.4	121	111	91	133	sw.
Diamond Springs†	Princess Anne	25	31	62.2	101	Sept. 8	20	Dec. 25	31	56.05	13.38	July	0.56	Sept.	8.8	112	133	144	88	sw.
Emporia	Greensville	80							9	54.33	13.81	Aug.	1.70	Dec.	11.7	96	228	73	64	sw.
Holland	Nansemond	80	7	60.7	97	Sept. 8	12	Dec. 25†	7	53.25	9.85	Aug.	0.88	Sept.	13.5	87	210	59	96	sw.
Hopewell	Prince George	40	48	60.7	98	June 10	16	Jan. 28	52	52.80	8.79	July	0.41	Sept.	6.4	108	98	157	115	sw.
Langley Field	Elizabeth City	9	55	60.3	96	Sept. 8	20	Jan. 23	103	47.75	8.82	Aug.	0.16	Sept.	5.0	119	117	124	124	sw.
Norfolk	Norfolk	11	69	61.8	96	Sept. 8	21	Jan. 23	69	55.64	12.40	July	0.56	Sept.	5.0	119	117	124	124	sw.
Onley	Accomac	40	21	58.2	96	June 17	19	Jan. 28	22	50.18	6.61	Aug.	0.83	Sept.		104	146	157	62	se.
Richmond	Essex	162	60	59.5	96	Sept. 8	17	Jan. 23	68	40.66	5.84	Aug.	1.50	Dec.	4.8	115	161	88	116	sw.
Tappahannock	Essex	25	9	59.4	98	Sept. 8	12	Jan. 23	9	41.39	6.29	Oct.	0.75	May	8.4	81	252	53	60	s.
Walkerton	King and Queen	35	6	58.8	97	Sept. 8	12	Jan. 28	7	40.49	5.88	Oct.	0.44	Sept.	6.0	124	150	132	83	sw.
Wallaceton	Norfolk	25							14	61.33	13.54	Aug.	1.10	Dec.	20.2	118	227	74	64	sw.
Williamsburg	James City	70	45	60.8	95	Sept. 8	16	Jan. 28†	39	47.10	10.59	Aug.	0.57	Sept.	12.0	108	197	76	92	sw.
Means and extremes				60.0	101	Sept. 8	12	Jan. 28†		48.83	13.81	Aug.	0.10	Sept.	9.6	106	173	93	99	sw.
Middle Virginia																				
Bedford	Bedford	950							26	39.42	9.92	Aug.	0.50	Sept.	11.5	120	155	136	74	sw.
Callaway	Brunswick	250	45	59.4	96	June 6†	11	Jan. 28	45	54.83	9.90	Aug.	0.65	Sept.	8.0	85	221	69	75	w.
Charlottesville (near)	Albemarle	854	4	58.0	97	Sept. 8	13	Feb. 23	64	37.54	6.16	July	0.91	Sept.	17.0	93	146	115	104	nw.
Chatham	Pittsylvania	852	17	58.5	99	Sept. 8†	11	Feb. 23	18	44.48	8.03	Aug.	0.25	Sept.	16.0	99	254	4	107	w.
Clarendon	Arlington	225							15	41.39	6.17	June	0.48	May	16.5	112	188	60	117	s.
Clarksville	Mecklenburg	286	21	60.0	97	June 22	14	Jan. 28†	49	48.26	7.09	June	0.48	Sept.	6.5	115	176	124	65	sw.
Columbia	Plumanna	229	38	58.4	99	July 14†	11	Jan. 28†	42	38.44	5.33	June	0.93	Sept.	5.5	101	201	47	117	s.
Culpeper	Calpeper	475	31	57.9	100	June 8	12	Feb. 23	33	39.15	7.82	July	1.10	May	13.5	101	270	10	71	sw.
Danville	Pittsylvania	564	23	60.3	99	Sept. 9	13	Feb. 23	40	47.88	7.44	Aug.	0.07	Sept.	7.2	117	135	106	122	sw.
Farmville	Prince Edward	450	18	58.8	97	Sept. 8	9	Dec. 25	20	43.44	8.61	June	0.49	Sept.	4.8	106	156	87	122	sw.
Fredericksburg (near)	Spottsylvania	75	46	57.4	99	Sept. 8	11	Feb. 23	48	42.63	8.69	July	0.63	May	13.7	101	157	97	81	s.
Halifax	Halifax	425							9	39.60	5.12	Feb.	0.95	Sept.	3.5	103	161	99	165	w.
Kentbridge	Lunenburg	500	8	59.4	97	June 22	13	Dec. 25	8	41.76	7.85	July	0.60	Sept.	8.2	81	186	70	169	sw.
Lincoln †	Loudoun	500	38	57.3	99	Aug. 16	11	Jan. 26	39	41.94	5.09	Oct.	1.63	Mar.	15.5	87	211	58	96	sw.
Lynchburg	Campbell	631	68	59.2	97	Sept. 8	16	Jan. 28	68	40.78	7.66	Aug.	1.21	Sept.	10.4	121	131	102	132	sw.
Manassas (near)	Prince William	176							23	37.69	5.78	June	1.42	Sept.	13.3	107	168	84	113	sw.
Martinsville	Henry	1,014	2	59.2	98	Sept. 9	14	Jan. 28†	9	43.90	7.83	Feb.	0.17	Sept.	6.7	115	198	118	49	sw.
Mineral (near)	Loudisa	250	24	56.1	100	Sept. 8	10	Jan. 28†	24	31.67	5.60	Feb.	0.58	Sept.	7.0	76	182	82	101	s.
Mount Weather †	Loudoun	1,725	35	51.8	89	Sept. 9	7	Feb. 23	36	36.79	5.47	July	0.82	Sept.	23.0	82	48	134	183	w.
New Canton	Buckingham	800	44	57.8	97	Sept. 8	10	Jan. 28	46	37.99	5.33	Feb.	0.68	Sept.	11.0	106	169	114	82	sw.
Orange	Orange	514							33	35.18	5.53	Feb.	0.87	Sept.	15.7	77	256	52	57	w.
Pinnacles	Patrick	2,820							6	47.53	8.76	Feb.	0.52	Sept.	33.0	107	200	66	99	nw.
Powhatan	Powhatan	390							17	47.89	6.92	June	0.91	Sept.	9.0	104	209	72	84	sw.
Quantico	Prince William	22	39	57.2	101	Sept. 8	16	Feb. 23	35	37.78	6.09	July	1.00	May						nw.
Randolph	Charlotte	834							35	38.27	5.13	Mar.	0.57	Sept.	7.0	108	172	85	168	sw.
Rocky mount	Franklin	1,132	43	58.0	99	Sept. 9	12	Jan. 28	46	37.42	7.82	July	0.05	Sept.	5.5	88	231	43	91	se.
Stuart	Patrick	1,500	17	58.1	99	Sept. 9	12	Feb. 23	17	43.23	7.53	Feb.	0.29	Sept.		101	151	124	90	nw.
Washington, D. C.	Patrick	72	69	57.8	100	Sept. 8	17	Jan. 26†	69	40.54	6.90	Sept.	0.41	May	12.6	116	117	111	137	nw.
Means and extremes				58.0	101	Sept. 8†	7	Feb. 23		41.34	9.92	Aug.	0.05	Sept.	11.6	101	181	84	100	sw.
The Great Valley																				
Afton	Nelson	1,750							9	38.61	7.55	July	0.78	Sept.		98				
Balcony Falls	Rockbridge	725							9	40.83	8.88	Aug.	1.05	Sept.	15.7	98	216	58	91	w.
Big Meadows	Madison	3,500	5	47.9	86	July 13	-1	Feb. 23	5	46.94	8.12	July	1.40	May	47.1	110	143	73	149	nw.
Blacksburg	Montgomery	2,100	48	54.8	92	Sept. 9	10	Jan. 28†	48	34.18	6.05	Aug.	1.22	May	24.3	118	158	83	124	nw.
Buchanan	Botetourt	875	22	57.5	97	Sept. 9	11	Jan. 23	39	41.50	7.98	Aug.	0.95	Sept.	9.0	112	146	159	60	w.
Burkes Garden	Tazewell	3,250	43	51.0	88	Sept. 9	-5	Jan. 27†	45	36.54	5.10	July	0.82	Nov.	19.8	127	183	97	85	w.
Catawba Sanatorium	Roanoke	2,100	29	55.3	95	Sept. 9	11	Feb. 23	29	36.45	7.07	July	0.29	Sept.	29.5	100	202	100	63	nw.
Clifton Forge	Alleghany	1,055							16	35.54	4.89	Feb.	0.76	Sept.	22.1	98	221	65	79	w.
Clinchport	Scott	1,300							42	40.24	7.38	Feb.	0.86	Nov.	0.9	121				
Dale Enterprise	Rockingham	1,350	58	54.3	96	Sept. 8	6	Jan. 15	60	33.60	6.49	July	1.34	Dec.	26.0	103	188	112	65	s.
Damascus	Washington	1,928							13	38.01	6.43	July	0.72	Nov.	8.8	126	141	97	127	w.
Dante	Russell	2,000	22	55.0	95	Sept. 9	8	Feb. 23	23	40.74	7.48	Feb.	0.61	Sept.	5.9	123	142	116	107	w.
Deerfield	Augusta	1,600							13	39.68	7.40	July	1.41	Dec.	21.5	103	108	207	50	sw.
Emory	Washington	2,112	14	55.1	94	Sept. 9	7	Dec. 25	15	32.92	4.84	July	0.80	Nov.	8.6	130	148	160	57	w.
Floyd	Floyd	2,600	7	54.7	91	Sept. 9	8	Feb. 23	7	44.02	9.12	Feb.	0.59	May	28.5	100	239	66	60	sw.
Glen Lyn	Giles	1,524	8	55.7	98	Sept. 9	5	Dec. 25	26	27.52	4.50	June	0.12	Sept.	11.7	120	154	56	155	w.
Hot Springs	Bath	2,195	46	51.0	89	June 15	7	Feb. 22	48	36.74	6.01	July	1.67	Dec.	28.8	125	222	43	100	sw.
Ivanhoe	Wythe	2,100							33	34.49	6.07	June	0.23	Sept.	14.5	77				
Lexington	Rockbridge	1,060							68	32.27	5.52	July	0.49	Sept.	17.4	99				
Mendota	Washington	1,350							35	39.51	6.37	Feb.	0.51	Nov.	0.9	139				
Monterey	Highland	3,008							15	46.07	9.36	July	1.65	Nov.	53.4	95				
Moore Creek Dam	Rockbridge	1,780							4	33.08	5.64	Aug.	0.37	Oct.		66	189	97	79	se.
Mountain Lake	Giles	4,000	5	48.4	83	June 16†	0	Feb. 23	5	43.70	6.57	June	0.60	Sept.	70.3	133	157	72	136	nw.
North River Dam	Augusta	1,918							9	38.43	8.16	July	1.22	Sept.	26.2	106	212	85	68	w.
Pennington Gap	Lee	1,856	8	55.9	96	Sept. 9	12	Feb. 23	8	45.07	7.62	Feb.	1.00	Nov.	3.0	122	112	156	97	sw.
Radford	Montgomery	1,800							34	28.77	5.84	July	0.19	Sept.	14.0	93				
Riverton	Warren	500							9	31.88	4.02	Feb.	0.96	May	10.1	90				
Roanoke	Roanoke	907	33	57.8	98	Sept. 8†	13	Jan. 23	37	37.09	6.36	July	1.13	Oct.	18.4	102	143	155	67	w.
Saltville	Smyth	1,735	22	56.4	95	Sept. 9	11	Feb. 23†	24	34.88	5.41	July	0.52	Sept.	5.2	124	174	67	124	w.
Sexton Shelter	Page	3,300							5	42.38	8.27	July	0.64	May	38.1	102	143	73	149	nw.
Shenandoah Camp No. 3	Rockingham	3,300							5											

Section and State averages are computed from monthly means. The mean departures from normal temperature and precipitation are based only on records from stations that have 10 or more years of observation. Reference letters, ^a, ^b, ^c, appearing in the tables indicate number of days missing; for example, ^b represents two days, etc. T. Precipitation is less than 0.01 inch rain or snow. ^aAlso on other dates. ^bInterpolated. ^cPartially interpolated. ^dPost-office addresses of these stations are as follows: Diamond Springs, Norfolk; Lincoln, Purcellville; Mount Weather, Bluemont; Wallaceton, Hickory; Pinnacles, Meadows of Dan; Balcony Falls, Glasgow; Big Meadows, Sexton Shelter and Camp 3, Skyland; Moores Creek Dam, Lexington; North River Dam, Staunton.

Stations	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																										
Cape Henry	4.58	+1.43	5.96	+2.73	3.27	-0.60	3.96	+0.66	1.63	-1.94	5.52	+1.56	9.36	+3.99	6.63	+1.77	1.06	-1.80	6.68	+3.67	2.81	+0.45	1.60	-1.84	53.06	+10.08
Capron	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cheriton	4.02	.....	5.80	.....	4.96	.....	3.90	.....	1.21	.....	4.69	.....	9.80	.....	12.73	.....	0.76	.....	4.52	.....	2.40	.....	1.37	.....	48.40	.....
Christchurch	3.07	-0.44	3.37	-0.47	3.56	-0.57	3.17	-0.74	1.02	-2.30	1.03	-3.24	3.58	-2.42	4.58	+3.04	0.63	-2.75	3.79	+0.36	2.83	+0.73	2.17	-1.26	35.80	-10.90
Dahlgren	2.61	-0.24	3.34	+3.85	3.69	+0.34	3.93	+0.52	1.30	-1.83	2.75	-1.12	4.02	-2.22	7.72	-0.42	1.41	-1.28	3.87	+1.48	1.51	-0.44	1.34	-1.75	37.49	-1.11
Diamond Springs	4.01	+0.47	5.55	+2.21	3.98	+0.36	4.43	+1.16	1.71	-2.44	4.76	-0.35	13.38	+7.84	6.87	+2.50	0.56	-3.45	4.93	+1.99	4.41	+2.09	1.46	-2.69	56.05	+10.04
Emporia	3.09	.....	4.77	.....	3.97	.....	3.17	.....	2.34	.....	3.82	.....	10.26	.....	13.81	.....	1.83	.....	3.34	.....	2.73	.....	1.70	.....	54.33	.....
Holland	3.35	.....	7.39	.....	2.65	.....	4.09	.....	2.28	.....	6.09	.....	9.30	.....	9.85	.....	0.38	.....	3.55	.....	2.47	.....	1.85	.....	53.25	.....
Hopewell	3.46	+0.48	2.98	-0.03	4.31	+0.41	3.54	+0.14	1.46	-2.21	7.57	+2.75	8.79	+4.47	8.67	+3.99	0.41	-2.98	7.33	+4.67	2.86	+0.74	1.42	-2.16	52.80	+10.33
Langley Field	2.90	-0.07	6.06	+2.72	4.06	+0.49	4.34	+1.36	1.43	-1.96	4.95	+0.68	7.39	+2.22	8.82	+4.29	0.16	-2.61	4.19	+1.69	2.85	+0.72	0.69	-2.56	47.75	+7.17
Norfolk	3.93	+0.83	5.52	-2.30	2.40	-1.37	4.26	+1.03	1.53	-2.28	6.51	-2.29	12.40	+6.65	9.20	+3.98	0.56	-2.67	5.03	+2.00	3.14	+0.98	1.15	-2.19	55.64	+11.55
Onley	5.17	+2.14	5.82	+1.86	6.04	+2.07	3.98	+0.72	2.37	-0.89	5.07	+1.73	5.31	+1.03	6.61	+1.53	0.83	-2.28	5.95	+2.65	2.19	+0.03	1.14	-2.54	50.32	+8.11
Richmond	2.64	-0.57	3.87	+0.70	4.39	+0.71	3.00	-0.49	1.80	-1.59	4.99	+1.09	4.33	-0.40	5.84	+1.42	1.53	-1.69	4.33	+1.45	2.41	+0.20	1.50	-1.79	40.66	+1.36
Tappahannock	3.10	.....	5.13	.....	4.26	.....	3.04	.....	0.75	.....	4.77	.....	4.37	.....	5.36	.....	0.78	.....	6.29	.....	1.08	.....	1.86	.....	41.39	.....
Wakerton	3.07	.....	4.46	.....	5.08	.....	3.48	.....	1.10	.....	3.23	.....	4.46	.....	5.17	.....	0.44	.....	5.86	.....	2.38	.....	3.76	.....	49.49	.....
Williamsburg (near)	5.05	+1.92	7.32	+3.27	3.25	-1.12	5.17	+0.59	2.37	-1.55	4.21	-0.69	8.67	+1.29	13.54	+8.18	1.99	-3.24	5.91	+2.85	2.76	-0.52	1.10	-3.35	61.39	+7.63
Williamsburg	3.07	-0.25	4.02	+0.52	6.22	+1.62	3.																			

NOTE.—In this publication, annual means are computed from data for all stations: except those in supplemental table; whereas, in monthly reports, means may not include all stations, as in some cases reports are not received in time to be used in the computations. All means include the interpolated values.

Monthly and Annual Mean Temperatures for the Year 1939 with Departures from the Normal

Stations	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																										
Cape Henry	44.6	+4.4	48.0	+6.8	51.4	+4.8	57.3	+2.7	66.0	+1.8	74.9	+2.0	75.8	-1.7	78.5	+1.6	73.8	+2.0	65.0	+2.9	49.4	-2.7	43.6	-0.1	60.7	+2.0
Capron	42.8	.....	48.4	.....	50.4	.....	56.7	.....	67.5	.....	75.9	.....	77.1	.....	77.8	.....	72.4	.....	61.6	.....	46.2	.....	42.0	.....	.....	.....
Cheriton	41.2	+0.1	45.8	+3.2	47.2	+0.6	55.8	+0.2	65.2	+0.6	76.3	+2.8	75.4	-2.4	76.6	+0.2	71.4	-0.8	59.8	0.0	44.7	-6.2	40.7	-1.6	58.3	-0.3
Christchurch	39.4	+3.1	43.1	+4.6	47.3	+1.9	54.7	+0.6	66.8	+4.3	75.2	+2.8	75.3	-1.4	77.5	+3.1	70.6	+0.5	59.2	+1.4	46.8	-0.5	41.3	+2.5	58.1	+1.9
Dahlgren	45.4	+2.1	50.0	+6.3	52.8	+3.0	59.8	+2.0	68.6	+2.8	78.0	+4.3	77.6	0.0	79.8	+3.2	75.2	+2.8	65.6	+2.9	50.0	-2.2	44.2	-0.1	62.2	+2.2
Diamond Springs	44.2	.....	49.5	.....	51.8	.....	58.1	.....	67.4	.....	77.7	.....	76.9	.....	78.4	.....	73.5	.....	62.2	.....	46.4	.....	42.2	.....	60.7	.....
Holland	42.9	+3.0	47.2	+6.4	51.4	+2.4	59.3	+2.0	69.2	+1.6	78.6	+2.3	77.2	-1.5	78.2	+1.0	73.7	+1.6	62.2	+2.3	46.4	-3.1	42.4	+1.5	60.7	+1.7
Hopewell	42.8	+1.9	47.4	+6.4	50.4	+2.7	57.5	+1.4	67.0	+1.1	77.2	+3.0	76.6	-1.8	78.6	+1.2	73.9	+2.1	62.8	+1.3	47.3	-3.0	42.2	0.0	60.3	+1.3
Langley Field	45.2	+4.6	49.8	+7.1	52.4	+4.2	58.8	+2.0	67.8	+1.6	77.2	+2.8	77.3	-1.4	79.2	+1.8	74.8	+3.2	64.3	+1.8	50.0	-1.4	44.4	+1.3	61.8	+2.3
Norfolk	40.8	+1.6	44.6	+3.9	47.6	+2.0	55.2	+0.8	65.7	+2.5	74.5	+1.8	75.7	-2.1	76.6	+1.0	70.4	-0.5	60.6	+0.2	45.2	-5.4	42.0	+0.2	58.2	+0.5
Onley	42.3	+4.4	45.5	+5.9	49.4	+2.2	56.8	+0.2	67.8	+1.3	77.0	+2.9	76.2	-2.3	77.8	+1.3	72.8	+2.3	60.6	+1.0	46.6	-1.7	41.4	+1.6	59.5	+1.6
Richmond	44.1	.....	47.4	.....	50.4	.....	57.7	.....	68.2	.....	77.0	.....	76.4	.....	77.2	.....	73.2	.....	62.2	.....	45.0	.....	39.6	.....	59.4	.....
Tappahannock	40.8	.....	44.2	.....	48.4	.....	56.7	.....	67.0	.....	76.8	.....	76.2	.....	77.4	.....	72.0	.....	59.6	.....	45.0	.....	42.0	.....	58.8	.....
Walkerton	44.2	+3.8	48.3	+7.2	51.3	+2.8	58.6	+1.6	68.2	+3.0	78.0	+5.2	76.7	-0.3	78.1	+2.4	73.4	+3.5	62.8	+2.6	47.1	-1.9	42.8	+1.6	60.8	+2.6
Williamsburg	42.7	+2.9	47.1	+5.8	50.2	+2.7	57.4	+1.4	67.3	+2.1	76.7	+3.1	76.5	-1.5	78.0	+1.7	72.9	+1.7	61.9	+1.6	46.9	-2.8	42.2	+0.7	60.0	+1.6
Means	42.7	+2.9	47.1	+5.8	50.2	+2.7	57.4	+1.4	67.3	+2.1	76.7	+3.1	76.5	-1.5	78.0	+1.7	72.9	+1.7	61.9	+1.6	46.9	-2.8	42.2	+0.7	60.0	+1.6
Middle Virginia																										
Callaville	42.9	+3.9	46.8	+7.3	50.1	+2.0	56.8	+0.7	66.8	+1.3	77.8	+4.8	76.0	-1.1	76.8	+1.1	72.1	+1.8	60.4	+1.2	45.4	-3.0	40.4	+0.1	59.4	+1.7
Charlottesville (near)	39.1	+2.7	42.0	+4.6	47.7	+1.4	54.8	-1.1	67.6	+1.9	75.3	+2.7	74.2	-2.3	76.2	+1.4	72.0	+2.5	59.7	+1.1	46.6	-1.3	40.2	+1.9	58.0	+1.3
Chatham	41.4	+1.4	44.8	+1.7	50.3	+4.3	55.7	-0.6	66.8	+1.1	76.3	+2.2	74.3	-3.7	74.9	-0.7	72.0	+0.8	60.0	+2.2	45.4	-2.4	40.6	-1.3	58.5	+0.3
Clarksville	41.6	+4.0	45.6	+4.6	51.6	+4.0	57.6	+1.1	67.8	+2.5	79.0	+5.5	77.6	+0.6	79.6	+4.4	71.5	+1.2	61.6	+3.3	45.6	-1.4	41.2	+2.0	60.0	+2.6
Columbia	39.6	+2.6	43.7	+6.1	48.6	+2.1	56.2	+1.1	67.4	+2.7	76.8	+4.8	76.4	+0.5	77.8	+3.3	71.8	+3.1	59.0	+1.0	43.6	-2.9	39.8	+1.8	58.4	+2.2
Calpeper	37.8	+3.3	41.7	+5.1	47.8	+2.9	54.0	-0.4	67.4	+3.6	76.5	+5.1	76.0	+0.7	78.0	+4.7	71.7	+3.9	59.2	+3.1	44.8	-1.3	40.0	+4.2	57.9	+3.0
Danville	43.4	+3.3	46.0	+2.5	52.4	+2.4	57.4	-1.3	67.7	+0.4	78.0	+2.0	76.7	-2.8	76.6	-1.1	73.8	+0.9	62.2	+1.2	46.6	-3.2	42.6	+0.7	60.3	+0.4
Farmville	41.4	+2.5	45.2	+7.7	50.0	+3.8	57.1	+1.9	66.7	+0.1	76.6	+2.0	76.1	-3.4	76.1	-0.9	71.6	+0.2	59.6	+0.6	46.4	-0.6	39.4	+0.6	58.8	+1.2
Fredericksburg (near)	38.4	+1.7	42.2	+4.9	47.7	+1.1	53.6	-1.8	66.2	+1.3	74.8	+2.6	74.8	-1.8	76.8	+2.0	71.4	+1.9	58.4	+0.4	44.4	-2.9	40.0	+2.1	57.4	+1.0
Kenbridge	42.4	.....	46.3	.....	50.2	.....	57.6	.....	67.0	.....	77.5	.....	76.2	.....	76.0	.....	71.6	.....	60.4	.....	45.8	.....	42.1	.....	59.4	.....
Lincoln	36.8	+3.8	40.7	+6.7	46.3	+2.5	52.4	-1.0	68.2	+4.3	75.4	+3.8	76.2	-0.3	79.4	+5.2	68.8	0.0	58.5	+1.4	45.7	+0.3	39.2	+4.6	57.3	+2.6
Lynchburg	41.9	+4.4	44.7	+4.4	50.0	+2.7	55.2	-2.1	68.2	+0.9	77.0	+2.4	75.6	-1.9	76.4	+0.8	72.0	+3.0	60.2	+1.7	47.2	0.0	42.4	+2.9	59.2	+1.6
Martinsville	42.6	.....	44.8	.....	51.8	.....	56.4	.....	67.4	.....	76.9	.....	75.4	.....	76.4	.....	72.3	.....	60.3	.....	45.4	.....	41.1	.....	59.2	.....
Mineral (near)	38.2	+3.0	42.3	+4.1	46.4	+1.4	52.8	-0.8	63.0	+0.6	74.0	+3.8	73.8	-1.0	74.9	+1.5	70.2	+2.1	55.4	-0.1	42.8	-2.7	30.6	+2.4	56.1	+1.2
Mount Weather	31.0	+0.4	34.9	+4.0	39.5	+0.8	44.4	-4.8	62.0	+2.7	72.0	+5.1	71.9	+0.7	73.2	+3.8	66.6	+1.9	53.5	-0.2	39.8	-2.3	32.7	+0.2	51.8	+1.0
New Canton	40.4	+3.1	44.0	+5.9	49.0	+2.0	55.4	+0.2	66.0	+1.4	75.2	+3.3	74.4	-1.7	75.4	+1.6	70.4	+1.4	58.6	+1.2	43.8	-2.9	40.6	+2.3	57.8	+1.5
Quantico	38.1	+3.1	41.8	+6.5	45.8	+0.7	54.0	-0.1	66.6	+2.6	74.8	+2.7	75.0	-2.0	77.2	+3.0	70.4	+1.7	57.9	+0.5	45.2	-0.1	39.5	+3.2	57.2	+1.8
Rocky Mount	39.8	+2.1	42.9	+4.1	49.8	+2.9	54.0	-1.7	67.0	+2.3	76.1	+4.2	74.6	-0.4	74.8	+1.2	71.3	+2.6	58.6	+1.7	45.6	-1.8	41.2	+2.5	58.0	+1.7
Stuart	41.2	+0.8	44.0	+2.1	50.6	+4.2	54.8	-1.3	65.4	+0.4	74.4	+4.2	73.9	-2.1	73.7	-0.4	72.8	+2.6	60.3	+2.3	45.8	-2.2	40.2	-1.9	58.1	+0.6
Washington, D. C.	37.8	+4.4	42.3	+7.0	46.4	+3.8	53.4	+0.1	68.0	+4.3	75.4	+3.2	76.2	-0.6	78.8	+3.8	71.0	+2.9	58.4	+1.0	46.0	+0.8	40.1	+3.5	57.8	+2.8
Means	39.8	+2.8	43.3	+5.0	48.6	+2.4	54.7	-0.7	66.7	+1.9	76.0	+3.5	75.3	-1.3	76.4	+1.9	71.3	+1.9	59.1	+1.3	45.1	-1.6	40.1	+1.8	58.0	+1.6
Great Valley																										
Big Meadows	30.1	.....	33.7	.....	38.4	.....	43.5	.....	56.1	.....	64.4	.....	63.6	.....	66.6	.....	61.9	.....	50.6	.....	36.0	.....	30.5	.....	47.9	.....
Blacksburg	37.0	+3.7	42.2	+8.0	46.7	+4.0	51.2	+0.4	62.0	+2.2	72.4	+4.8	71.3	+0.3	71.2	+1.3	67.6	+3.0	56.8	+3.4	41.2	-1.4	37.8	+3.2	54.8	+2.8
Buchanan	39.0	+2.6	43.6	+3.0	50.0	+2.7	54.8	-1.0	66.2	+1.6	75.7	+3.8	73.8	-2.2	74.4	+0.1	71.0	+1.1	58.4	0.0	43.1	-3.5	40.1	+1.5	57.5	+0.8
Burkes Garden	34.9	+2.9	38.7	+6.5	43.6	+3.4	47.6	-0.4	57.2	+0.3	68.2	+4.8	67.2	+0.3	66.4	+0.6	63.2	+2.7	53.6	+3.3	37.3	-2.9	34.4	+1.7	51.0	+1.9
Catawba Sanatorium	37.8	+1.4	40.4	+1.5	46.0	+1.1	52.2	-1.9	63.2	+0.8	72.3	+2.7	71.0	-1.7	71.8	+0.2	69.9	+3.2	57.2	+0.5	42.4	-3.4	38.9	+1.1	55.3	+0.5
Dale Enterprise	36.0	+2.8	39.6	+4.0	45.3	+2.6	50.3	-1.8	63.2	+0.9	72.0	+2.2	71.2	-2.5	71.8	-0.2	67.8	+0.8	56.4	+0.9	40.0	-3.9	37.9	+2.7	54.3	+0.8
Dante	37.6	+1.9	43.4	+4.0	46.8	+1.7	51.6	-2.5	62.6	+1.5	71.0	+2.1	71.6	-0.2	71.4	+0.4	68.6	+1.4	57.4	+1.3	41.0	-4.1	37.3	+0.2	55.0	+0.5
Emory	38.0	+0.6	43.4	+6.0	46.9	+3.2	51.2	-1.2	62.2	+0.8	72.6	+3.7	72.0	-1.1	71.6	+0.2	68.4	+1.8	57.6	+2.2	40.8	-4.2	37.5	+0.2	55.1	+1.0
Floyd	38.3	.....	41.8	.....	47.2	.....	50.6	.....	63.4	.....	72.1	.....	70.7	.....	70.4	.....	67.4	.....	56.2	.....	41.0	.....	37.2	.....	54.7	.....
Glen Lyn	36.6	.....	41.8	.....	47.0	.....	52.9	.....	64.6	.....	74.8	.....	74.1	.....	73.4	.....	70.8	.....	57.8	.....	39.9	.....	34.6	.....	55.7	.....
Hot Springs	32.2	+0.3	37.0	+4.5	42.4	+0.6	47.5	-2.4	61.4	+1.7	69.2	+2.6	6													

Supplemental Table of Monthly and Annual Precipitation for the Year 1939

Stations	Counties	Drainage-basin	Elevation, feet	Length of record, years	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Appomattox	Appomattox	Appomattox	825	2	3.11	4.42	4.19	1.38	0.72	6.48	8.40	6.26	0.57	2.25	3.39	1.19	42.36
Arlington	Arlington	Potomac	10	3	3.08	4.69	4.39	3.67	0.40	5.00	2.10	3.37	6.23	3.61	1.12	1.90	38.56
Assateague Beach	Accomac	Atlantic	10	1							3.46	6.77	1.18	4.03	2.92	0.81	
Augusta Springs	Scott	North	1,700														
Big Knob	Tennessee	Tennessee	3,230	5	3.56	6.57	3.13	3.21	1.60	2.13	4.78	2.58	1.08	0.96	0.63	1.74	31.97
Bremo Bluff	Fluvanna	James	225														
Buckingham	Buckingham	James	550	3	3.00	4.22	4.37	1.92	1.13	6.68	10.45	4.83	0.40	3.12	2.95	1.60	44.67
Buena Vista	Rockbridge	do	835	3	2.71	4.03	2.20	2.30	1.28	2.59	5.27	6.92	0.39	2.18	2.58	1.70	34.15
CCC Camp No. 1	Madison	Shenandoah	3,400	5	3.40	6.06	2.37	3.64	0.99	4.16	9.79	5.51	1.80	4.13	5.52	2.11	49.48
Cleveland	Russell	Tennessee	1,525	4	3.96	6.73	3.31	4.20	3.59	4.12	6.49	1.26	0.39	1.58	0.58	2.68	38.89
Covington	Allegheny	Jackson	1,245	3	2.86	4.94	2.33	1.56	2.05	2.35	1.64	4.46	1.23	1.32	1.15	0.99	26.90
Dunbar	Wise	Tennessee	2,000	5	4.21	7.17	4.24	4.67	2.37	6.59	0.99	2.69	1.58	1.80	0.61	2.85	45.77
Dungannon	Scott	do	2,500	5	4.06	7.33	3.30	3.64	1.73	6.09	4.28	0.95	0.82	1.29	0.59	2.50	36.58
Gordonsville	Orange	James	442	2	2.76	4.84	2.85	2.35	0.96	6.32	4.90	5.35	0.42	2.15	3.29	1.59	37.78
Goshen	Rockbridge	North	1,300														
High Knob	Wise	Tennessee	4,000	5	5.18	9.63	3.75	4.12		4.39	4.33	7.93	0.18	2.96	3.47	1.49	
Hog Island	Northampton	Atlantic	10														
Holston	Washington	Tennessee	3,450	5	3.23	5.94	3.22	3.31	2.81	3.49	5.41	2.82	0.53	1.40	0.58	2.13	34.87
Honaker	Russell	do	2,400	5	2.61	5.89	3.04	3.27	1.54	5.91	7.83	1.45	0.31	1.52	0.40	2.71	36.48
Jewell Ridge	Tazewell	do	2,700	4	2.76	5.20	3.47	2.83	2.69	4.39	8.08	2.86	0.74	1.70	0.79	2.28	37.79
Jonesville	Lee	do	1,400	5	4.48	7.57	4.06	3.94	2.32	2.84	6.88	1.66	1.90	1.82	1.22	2.85	41.54
Kerr's Creek	Rockbridge	North	1,400														
Loves Mill	Washington	Tennessee	2,040	5	3.08	3.45	4.12	2.56	1.57	4.10	8.00	2.43	0.37	0.72	0.68	2.16	33.24
Lynchburg (Airport)	Campbell	James	929	3	2.41	5.53	3.67	4.14	1.22	7.28	8.29	7.58	1.38	2.09	1.99	2.02	47.00
Marion	Smyth	Tennessee	2,150	5	3.09	3.44	3.94	2.40	2.10	3.17	6.12	2.06	1.31	1.06	0.75	2.02	31.46
Mc Dowell	Highland	James	2,050														
Montebello	Nelson	do	2,500	3	3.30	4.35	2.32	3.51	2.88	5.10	6.45	7.08	0.65	2.88	2.96	2.19	43.67
Mount Jackson	Shenandoah	Shenandoah	900	3	3.05	3.31	1.70	2.77	3.54	3.51	7.72	3.22	1.98	2.67	2.47	1.55	37.49
Mount Solon	Augusta	do	1,400	3	2.44	5.26	2.84	3.28	2.67	2.27	4.92		1.92	3.74	1.67	1.51	
Mutters Gap	Russell	Tennessee	3,925	5	3.62	6.95	3.29	3.33	2.29	5.81	8.49	2.48	0.60	1.94	0.98	2.88	42.66
Nobo	Smyth	do	2,425	5	3.55	3.68	3.37	1.84	0.88	2.79	3.94	2.25	0.92	1.92	0.52	1.53	27.19
New Castle	Craig	James	1,300	3	2.98	4.33	2.12	1.52	1.18	4.04	6.01	5.04	0.81	1.28	1.29	1.48	32.08
North Garden	Albermarle	do	700	3	3.05	5.28	3.56	2.46	0.47	3.55	5.07	6.30	0.46	3.15	3.01	1.68	38.04
Olinger	Lee	Tennessee	1,400	5	4.28	7.14	3.68	3.96	2.84	5.38	6.19	1.14	1.06	2.03	0.57	2.30	40.57
Panorama	Rappahannock	Rappahannock	2,304	5	2.85	5.15	2.26	3.42	0.71	6.73	9.97	4.28	1.46	2.63	3.47	1.56	44.49
Pedlar Dam	Amherst	James	800	6	3.15	5.15	2.64	2.37	1.21	2.25	6.44	9.73	1.12	2.60	3.48	2.22	42.36
Princess Anne	Princess Anne	Atlantic	10														
Rattlesnake Point	Rappahannock	Rappahannock	3,100	5	3.10	5.03	1.61	3.04	1.47	6.03	7.35	3.85	1.44	4.07	4.58	1.59	42.16
Richmond (Byrd Airport)	Henrico	James	160	3	3.40	3.98	5.29	3.04	1.39	5.41	5.76	8.94	1.31	4.16	2.19	1.51	45.78
Roanoke (Airways)	Roanoke	Roanoke	907	2	2.83	4.05	2.23	2.41	1.38	2.37	7.69	8.15	1.90	0.78	1.67	1.36	36.82
Rockbridge Baths	Rockbridge	North	1,100														
Rockfish	Nelson	James	500	3	3.51	5.29	2.98	2.41	2.42	4.50	6.76	4.33	1.33	2.36	4.19	2.16	42.44
Rose Hill	Lee	Tennessee	1,500	4	4.98	7.76	4.52	4.14	1.66	3.62	4.41	1.77	3.70	1.96	1.19	2.69	42.40
Spring Creek	Tazewell	do	3,150	5	2.59	3.94	2.21	1.46	1.95	3.24	9.60	2.16	0.16	1.21	0.46	0.78	29.76
Sugar Grove	Smyth	do	2,685	1	4.04	4.93	3.26	2.60	1.87	4.78	6.04	4.13	0.29	1.27	0.31	1.25	34.77
Swords Creek	Russell	do	2,000	4	3.35	5.96	3.10	3.46	1.54	4.94	9.62	1.46	0.94	1.76	0.58	2.39	39.10
Tazewell	Tazewell	do	2,450	5	3.03	4.72	2.98	2.86	1.39	3.95	5.55	1.85	0.79	1.59	0.62	1.80	31.13
Troutdale	Grayson	do	3,450	5	4.57	5.39	3.72	3.09	1.46	5.00	5.57	4.45	0.35	1.31	0.87	2.45	38.23
Tye River	Nelson	James	551	2	2.84	6.10	2.32	2.30	1.58	5.10	6.59	6.23	1.89	1.97	2.53	2.48	41.93
Urbanua	Middlesex	Chesapeake Bay	20	3	3.30	3.49	5.61	4.20	0.90	1.79	3.28	6.53	1.31	4.69	2.81	0.92	39.13
Vesuvius	Rockbridge	North	1,700														
Wallace	Washington	Tennessee	1,875	5	3.98	4.94	3.06	2.42	0.60	3.31	3.98	2.44	0.88	1.00	0.78	2.50	29.89
Williamsville	Bath	James	1,650														

KILLING FROSTS 1939

Stations	Last in spring	First in autumn	Stations	Last in spring	First in autumn
<i>Tidewater Virginia</i>					
Cape Henry	Apr. 14	Dec. 4	Pinnacles	May 15	Oct. 15
Capron	Mar. 28	Nov. 29	Powhatan	Apr. 5	Oct. 16
Cheriton	Apr. 14	Oct. 16	Quantico	Apr. 5	Oct. 16
Christchurch	Mar. 19	Nov. 20	Randolph	Apr. 15	Oct. 15
Dahlgren	Apr. 14	Nov. 7	Rockymount	Apr. 15	Oct. 16
Diamond Springs	Apr. 14	Nov. 7	Stuart	Apr. 13	Oct. 16
Emporia	Apr. 13	Oct. 16	Washington	Apr. 13	Nov. 26
Holland	Apr. 13	Nov. 2	<i>Great Valley</i>		
Hopewell	Apr. 14	Nov. 7	Afton	May 16	Oct. 15
Langley Field	Apr. 13	Nov. 27	Big Meadows	May 15	Oct. 13
Norfolk	Mar. 2	Dec. 12	Blacksburg	May 4	Oct. 15
Onley	Apr. 14	Nov. 10	Buchanan	May 4	Oct. 13
Richmond	Mar. 19	Nov. 7	Burkes Garden	May 4	Oct. 13
Tappahannock	Apr. 14	Oct. 16	Catawba Sanatorium	Apr. 13	Oct. 15
Wakerton	Apr. 14	Oct. 15	Clifton Forge	Apr. 11	Oct. 11
Wallaceton	Apr. 5	Nov. 7	Dale Enterprise	Apr. 14	Oct. 16
Williamsburg	Apr. 14	Nov. 7	Dante	Apr. 13	Oct. 15
<i>Middle Virginia</i>					
Bedford	Apr. 14	Oct. 15	Deerfield	Apr. 6	Oct. 13
Callaville	Apr. 14	Oct. 16	Emory	May 4	Oct. 13
Charlottesville	Apr. 13	Oct. 29	Floyd	May 15	Oct. 15
Chatham	Apr. 13	Oct. 16	Glen Lyn	May 4	Oct. 15
Clarendon	Apr. 23	Oct. 16	Hot Springs	May 4	Oct. 15
Clarksville	Apr. 3	Nov. 1	Lexington	Apr. 14	Oct. 16
Columbia	Apr. 14	Oct. 15	Menota	May 5	Oct. 15
Culpeper	Apr. 14	Oct. 16	Monterey	Apr. 14	Oct. 14
Danville	Apr. 5	Oct. 16	Moores Creek Dam	May 4	Oct. 15
Farmville	Apr. 14	Oct. 15	Mountain Lake	May 4	Oct. 13
Fredericksburg	Apr. 14	Oct. 15	North River Dam	Apr. 23	Oct. 14
Halifax	Mar. 18	Oct. 29	Pennington Gap	Apr. 14	Oct. 13
Kenbridge	Apr. 12	Oct. 16	Radford	Apr. 14	Oct. 15
Lincoln	Apr. 13	Oct. 16	Roanoke	Apr. 14	Oct. 15
Lynchburg	Apr. 14	Oct. 16	Saltville	May 4	Oct. 15
Manassas	Apr. 14	Oct. 15	Sexton Shelter	May 16	Oct. 15
Martinsville	Apr. 14	Oct. 15	Shen's Camp No. 3	May 16	Oct. 15
Mineral	Apr. 20	Oct. 16	Staunton	May 4	Oct. 13
Mount Weather	Apr. 14	Oct. 17	Timberville	Apr. 14	Oct. 13
New Canton	Apr. 14	Oct. 16	Winchester	Apr. 14	Oct. 16
Orange	Apr. 14	Oct. 15	Woodstock	Apr. 14	Oct. 16
			Wytheville	Apr. 14	Oct. 15

MONTHLY STATE DATA 1939

Month	Temperature				Precipitation				Number of days			
	Mean	Departure from the normal	Highest	Lowest	Average	Departure from the normal	Greatest 24-hour	Average snow-fall	With 0.01 in. or more of precip.	Clear	Partly cloudy	Cloudy
January	39.3	+2.6	73	5	3.34	+0.01	2.00	5.6	9	12	8	11
February	43.2	+5.9	79	-1	5.25	+2.11	3.00	0.4	11	12	5	11
March	47.9	+2.0	88	8	3.15	-0.55	1.85	0.7	9	15	7	9
April	53.9	-0.6	92	11	3.15	-0.19	2.10	0.1	11	14	8	8
May	65.4	+1.3	97	21	1.67	-2.02	3.35	T	7	16	10	5
June	74.8	+3.1	100	44	4.49	+0.30	5.00	0.0	11	13	10	7
July	74.1	-1.3	99	40	6.24	+1.65	5.00	0.0	13	13	10	8
August	75.0	+0.9	100	44	5.63	+1.15	5.50	0.0	10	14	9	8
September	70.4	+1.7	101	33	1.17	-1.94	4.49	0.0	4	19	7	4
October	58.8	+1.5	95	16	3.17	+0.16	3.76	0.1	7	18	6	7
November	44.1	-2.4	77	13	2.19	-0.23	2.40	3.7	6	16	5	9
December	39.5	+1.6	75	5	1.91	-1.15	1.90	5.4	7	13	8	10

CHART SHOWING LOCATION OF OBSERVATION STATIONS

