

## CLIMATOLOGICAL DATA

38

## VIRGINIA SECTION

F. N. HIBBARD

VOL. LI

RICHMOND, VA., YEAR 1941

No. 13

## GENERAL SUMMARY

Virginia weather in 1941 was warmer and much drier than usual. In the past 51 years the average temperature was higher nine times; the average precipitation was less only once, in 1930. The number of days with measurable precipitation equalled the low record of 86 days. There were nine more clear days and six fewer cloudy days than in any previous year.

In temperature April and October were much warmer than usual, with October the warmest of record, and April the second warmest. New maxima for October were recorded at nearly all stations. Two heat waves in May brought new maxima for that month to about half of the stations. March, 1941, was the third coldest of record.

In precipitation, amounts were deficient for all months except June, July, and December. While July was the second wettest of record, distribution was uneven, and the Tidewater division had less than normal; in fact, the Tidewater division was deficient every month of the year. The number of days with rain in July equalled the record, fourteen. May was the second driest of record. The average snowfall for the first three months of 1941 was about normal, but only two stations had measurable amounts during the remaining nine months.

Favorable conditions in April gave pastures and early crops a good start, which was off-set by the dryness and hot days in May. All crops suffered from the drought, particularly pastures, hay, potatoes, truck, and late corn. Peaches and apples were slightly affected. Tobacco matured early and was somewhat undersized, but seemed to be of good quality. Locally heavy rains in July brought temporary relief from the drought to many sections, and made the corn crop nearly normal in scattered areas. After the middle of August water shortage became acute and this continued thereafter. Springs, wells, and small streams dried up. The general rains of December brought a measure of relief but water supplies were still subnormal at the end of the year.

There were no floods during the year and destructive storms were limited to small areas. On August 12th, a series of violent wind and electric storms occurred at many points in eastern Virginia. On this date a tornado at Petersburg caused the death of one man, and damaged property to the extent of more than \$50,000. —S.B.T.

## MONTHLY STATE DATA 1941

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.....	35.6	-0.8	71	1	2.20	-1.09	1.59	1.9	9	12	6	13
February.....	33.4	-3.8	65	0	1.10	-1.99	1.38	2.7	5	15	6	7
March.....	39.9	-5.8	74	-2	2.26	-1.39	1.84	5.9	7	15	6	8
April.....	58.6	+4.1	95	22	3.03	-0.32	2.15	0.0	7	17	7	6
May.....	66.0	+1.9	101	25	1.09	-2.57	2.21	0.0	5	21	7	3
June.....	71.6	-0.1	102	40	4.26	+0.07	2.62	0.0	13	11	10	9
July.....	76.2	+0.8	102	40	6.91	+2.26	4.15	0.0	14	11	11	9
August.....	74.6	+0.5	101	38	2.69	-1.75	2.89	0.0	7	18	9	4
September.....	71.1	+2.5	101	31	1.36	-1.69	2.60	0.0	4	20	7	3
October.....	63.9	+6.5	101	22	1.12	-1.83	2.35	0.0	5	17	8	6
November.....	48.6	+2.0	82	9	1.29	-1.14	1.58	T.	5	19	6	5
December.....	42.0	+3.8	78	5	3.50	+0.45	2.69	T.	7	15	8	8

## KILLING FROSTS 1941

Stations	Last in spring	First in autumn	Stations	Last in spring	First in autumn
Cape Henry.....	Mar. 22	Nov. 11	New Canton.....	Apr. 3	Nov. 11
Capron.....	Mar. 31	Nov. 3	Orange.....	May 6	Oct. 12
Cheriton.....	Apr. 9	Nov. 11	Pinnacles.....	May 4	Oct. 26
Christchurch.....	Mar. 31	Nov. 9	Powhatan.....	Mar. 31	Oct. 29
Dahlgren.....	Mar. 30	Nov. 13	Quantico.....	Mar. 30	Oct. 17
Diamond Springs.....	Apr. 8	Nov. 13	Randolph.....	Apr. 3	Oct. 24
Emporia.....	Apr. 7	Nov. 9	Rocky Mount.....	Mar. 30	Oct. 30
Holland.....	Apr. 9	Nov. 9	State Farm.....	Apr. 3	Nov. 9
Hopewell.....	Mar. 31	Nov. 11	Stuart.....	Mar. 30	Nov. 9
Langley Field.....	Mar. 30	Nov. 11	Washington.....	Mar. 30	Oct. 26
New Church.....	Mar. 30	Oct. 16	Berryville.....	May 25	Oct. 16
Norfolk.....	Apr. 9	Nov. 12	Big Meadows.....	May 14	Oct. 17
Onley.....	Mar. 31	Nov. 9	Blacksburg.....	May 12	Oct. 12
Richmond.....	Mar. 31	Nov. 9	Buchanan.....	May 12	Oct. 29
Surry.....	Apr. 9	Oct. 26	Burkes Garden.....	May 14	Oct. 12
Walkerton.....	Mar. 31	Nov. 19	Catawba Sanatorium.....	Apr. 8	Oct. 29
Wallacetown.....	Apr. 9	Oct. 25	Clifton Forge.....	Apr. 27	Oct. 29
Williamsburg.....	Apr. 9	Nov. 9	Dale Enterprise.....	Apr. 3	Oct. 12
Bedford.....	Mar. 31	Oct. 29	Damascus.....	May 14	Oct. 26
Callville.....	Mar. 31	Nov. 9	Dante.....	Apr. 3	Oct. 12
Charlottesville.....	Apr. 3	Oct. 29	Deerfield.....	May 25	Oct. 12
Chatham.....	Mar. 31	Nov. 9	Floyd.....	Apr. 3	Oct. 29
Clarendon.....	Mar. 31	Oct. 27	Glen Lyn.....	May 13	Oct. 25
Clarksville.....	Mar. 31	Nov. 3	Hot Springs.....	May 13	Oct. 29
Columbia.....	Mar. 30	Oct. 29	Ivanhoe.....	May 4	Oct. 9
Culpeper.....	Mar. 31	Oct. 29	Lexington.....	May 12	Oct. 12
Cumberland.....	Apr. 3	Nov. 11	Mendota.....	May 14	Oct. 25
Danville.....	Mar. 30	Nov. 12	Monterey.....	May 25	Oct. 12
Elkwood.....	May 13	Oct. 12	Moores Creek Dam.....	Apr. 2	Oct. 29
Farmville.....	Apr. 3	Nov. 9	Mountain Lake.....	May 25	Oct. 11
Fredericksburg.....	Mar. 31	Oct. 26	North River Dam.....	Apr. 8	Oct. 12
Halifax.....	Apr. 3	Nov. 9	Pennington Gap.....	Mar. 30	Nov. 11
Kenbridge.....	Mar. 31	Nov. 11	Radford.....	Apr. 3	Oct. 12
Lincoln.....	May 3	Oct. 26	Roanoke.....	Apr. 3	Oct. 29
Louisville.....	Apr. 9	Nov. 4	Saltville.....	May 14	Oct. 12
Lynchburg.....	Mar. 30	Nov. 10	Staunton.....	Apr. 3	Oct. 16
Manassas.....	Apr. 9	Oct. 17	Timberville.....	Mar. 16	Oct. 26
Martinsville.....	Apr. 3	Nov. 9	Winchester.....	Apr. 3	Oct. 17
Mount Weather.....	Apr. 3	Oct. 26	Woodstock.....	Apr. 3	Oct. 29
			Wytheville.....	Apr. 3	Oct. 29

## 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.....	55.8	109	-29	42.01	17.0	104	162	101	102
1891.....	55.6	106	-8	47.94	.....	95	163	101	102
1892.....	54.6	106	-11	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	38.23	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.....	55.6	108	0	40.67	14.9	95	170	97	98
1903.....	54.9	105	-13	44.09	8.4	95	172	99	104
1904.....	53.7	109	-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	95
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	-3	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	-5	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	148	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
1940.....	54.3	105	-20	44.59	22.7	112	159	96	111
1941.....	56.8	102	-2	30.81	10.7	86	190	93	82

## Climatological Data for the Year 1941

Stations	Counties	Elevation, feet	Temperature, degrees Fahrenheit					Precipitation					Number of rainy days	Sky			Prevailing direction of wind			
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month		Least monthly	Month	Total snowfall		Number of clear days	Number of partly cloudy days	Number of cloudy days
Tidewater Virginia																				
Cape Henry	Princess Anne	16	68	59.5	99	July 28	24	Mar. 1	68	32.23	5.28	June	0.59	Nov.	8.5	92	144	128	93	sw.
Capron	Southampton	100	2	59.3	101	May 23†	16	Jan. 6†	2	28.47	5.20	June	0.75	May	7.0	67	215	77	73	w.
Cheriton	Northampton	11	5	60.0	100	July 28	20	Jan. 21†	5	28.69	4.60	July	0.77	Oct.	9.0	76	210	3	162	n.w.
Dahlgren	King George	18	22	58.1	97	July 28†	19	Feb. 19†	22	27.43	6.48	July	0.04	Sept.	14.7	89	141	138	86	n.w.
Diamond Springs†	Princess Anne	25	33	61.2	102	July 28	20	Mar. 1	33	34.94	6.72	June	0.85	May	9.5	88	214	83	68	ne.
Emporia	Greensville	80							11	32.28	8.27	July	0.73	Nov.	3.5	77	255	68	42	w.
Holland	Nansemond	80	9	59.4	100	May 23†	11	Jan. 20	9	34.53	7.16	July	0.86	May	5.0	68	245	53	67	s.
Hopewell	Prince George	40	50	60.3	101	Aug. 9	16	Jan. 6†	54	31.11	7.01	July	0.37	Oct.	4.0	86	113	147	105	sw.
Langley Field	Elizabeth City	9	57	59.6	98	July 28	20	Jan. 6†	105	30.74	6.27	June	0.73	Oct.	9.9	87	150	147	68	sw.
Norfolk	Norfolk	11	71	61.0	98	May 28	21	Mar. 1	71	34.81	4.99	Aug.	0.94	May	9.3	93	136	96	133	sw.
Onley	Accomac	40	23	59.3	97	May 29	19	Feb. 5	24	28.64	6.80	July	0.01	Sept.	14.7	74	197	131	37	se.
Richmond	Henrico	162	62	59.3	100	Aug. 9	17	Jan. 21	70	26.82	3.86	Aug.	0.46	Nov.	9.5	88	153	114	98	sw.
Saluda	Middlesex	107	17	58.1	100	July 28	14	Feb. 19	18	25.37	3.98	July	0.59	Nov.	11.0	75	213	78	74	s.
Walkerton	King and Queen	35	8	58.3	101	Oct. 6	12	Jan. 21	9	32.27	8.30	July	0.51	Oct.	9.7	92	184	117	64	sw.
Wallaceton	Norfolk	25							16	35.80	6.78	June	0.66	Sept.	9.4	80	228	78	59	sw.
Warsaw	Richmond	143	11	58.6	102	June 30	13	Feb. 19	11	26.82	5.13	July	0.02	Sept.	6.4	73	213	61	91	n.
Williamsburg	James City	70	47	59.8	99	May 28†	14	Jan. 21†	41	28.10	4.98	July	0.44	Nov.	8.7	86	227	74	64	sw.
Means and extremes				59.4	102	July 28	11	Jan. 20		30.55	8.30	July	0.01	Sept.	8.8	82	190	94	81	sw.
Middle Virginia																				
Bedford	Bedford	950	2	58.3	100	May 28	10	Jan. 7†	28	30.29	7.22	July	0.60	May	13.2	100	179	122	64	sw.
Callville	Brunswick	250	47	59.0	100	May 28	12	Jan. 6	47	37.28	7.47	July	0.48	Oct.	2.0	61	219	84	62	w.
Charlottesville (near)	Albemarle	854	49	58.2	101	Sept. 1	15	Feb. 19†	66	29.11	7.26	July	0.33	May	10.0	78	159	111	95	n.w.
Chatham	Pittsylvania	852	19	57.6	99	May 22†	11	Feb. 11†	20	30.72	7.14	July	0.72	Sept.	2.6	82	170	79	116	w.
Clarendon	Arlington	225							17	29.98	6.35	July	0.74	Sept.	19.1	90	214	57	94	s.
Clarksville	Mecklenburg	286	23	60.0	102	July 26	14	Jan. 6	51	34.77	9.70	July	0.23	Oct.	2.5	81	130	161	74	w.
Columbia	Fluvanna	220	40	58.4	100	Aug. 9	10	Jan. 21†	44	29.98	5.70	July	0.52	Oct.	8.0	81	219	61	85	s.
Crozet	Albemarle	750																		
Culpeper	Culpeper	475	33	57.0	101	July 28	10	Jan. 21†	35	39.63	11.52	July	0.75	Feb.	11.0	70	287	27	51	s.
Danville	Pittsylvania	564	25	60.3	101	May 22	13	Feb. 5	51	24.88	6.83	July	0.42	Oct.	1.4	89	148	122	95	w.
Elkwood	Culpeper	250	1	55.8	98	May 22†	5	Feb. 19	1	31.28	5.90	July	0.54	Sept.	11.0	83	262	53	50	w.
Farmville	Prince Edward	450	20	57.9	100	Oct. 6	9	Feb. 11	22	27.40	5.44	June	0.70	Oct.	8.3	81	207	72	86	sw.
Fredericksburg (near)	Spottsylvania	75	48	56.8	99	July 2	11	Jan. 21†	50	29.81	5.61	July	0.53	Sept.	12.2	90	230	80	55	n.
Halifax	Halifax	425							11	29.01	7.52	July	0.41	Oct.	1.3	80	182	107	76	w.
Kenbridge	Lunenburg	500	10	59.1	100	May 23†	13	Jan. 21	10	26.26	6.66	July	0.26	May	5.3	66	214	60	91	sw.
Lincolnton	Loudoun	500	40	57.0	99	July 26†	12	Mar. 18	41	34.04	10.62	July	0.39	Sept.	21.3	79	208	73	84	s.
Louisia	Louisia	437	26	56.8	99	May 28†			26	31.92	7.61	July	0.27	Sept.	9.7	89	210	97	58	s.
Lynchburg	Campbell	631	70	59.1	100	May 22	14	Feb. 11	70	30.24	8.70	July	0.09	Sept.	9.1	84	148	114	103	n.w.
Manassas (near)	Prince William	176							25	32.80	6.64	July	0.75	Oct.	20.0	80	180	95	90	n.w.
Martinsville	Henry	1,014	4	58.8	101	May 22	14	Jan. 6	11	35.84	12.11	July	0.71	May	3.5	98	219	110	36	w.
Mount Weather †	Loudoun	1,725	37	50.9	92	Aug. 9†	5	Mar. 19	38	27.54	6.75	July	0.48	Oct.	27.2	74	47	122	196	w.
New Canton	Buckingham	300	46	57.1	98	Oct. 6	9	Jan. 21	48	29.92	5.54	June	0.48	Sept.	11.0	81	183	116	66	sw.
Orange	Orange	514							35	32.58	10.48	July	0.52	Oct.	11.8	65	262	51	52	w.
Pinnacles	Patrick	2,820							8	46.51	14.44	July	1.02	Feb.	9.0	92	199	79	87	n.w.
Powhatan	Powhatan	390							19	31.73	5.67	July	0.51	Oct.	7.2	91	232	68	65	n.w.
Quantico	Prince William	22	41	57.0	101	July 28	11	Feb. 19	37	24.77	5.27	July	0.21	Sept.	11.7	99	124	146	95	n.w.
Randolph	Charlotte	334							37	29.95	4.90	June	0.37	Oct.	6.0	69	278	19	68	sw.
Rocky Mount†	Franklin	1,132	45	58.3	101	May 22	11	Jan. 6	48	34.50	6.07	July	0.71	Feb.	0.7	79	239	43	83	n.w.
Stuart	Patrick	1,500	19	57.4	97	May 22	14	Jan. 6†	19	43.67	12.79	July	0.85	Aug.	2.0	85	175	111	79	sw.
Washington, D. C.		72	71	57.7	99	July 28	15	Mar. 18	71	29.17	5.67	July	0.53	Sept.	16.6	96	155	109	101	n.w.
Means and extremes				57.6	102	July 26	5	Feb. 19†		31.76	14.44	July	0.09	Sept.	9.5	83	196	88	81	w.
The Great Valley																				
Afton	Nelson	1,750							11	26.45	5.41	July	0.39	Feb.	12.7	84				
Balcony Falls	Rockbridge	725							11	28.66	6.78	July	0.27	Sept.	10.3	64	216	85	64	w.
Big Meadows	Madison	3,600	7	49.1	94	Oct. 8	-2	Mar. 18	7	36.35	7.07	July	0.70	Feb.	24.1	91	213	66	86	w.
Blacksburg	Montgomery	2,100	50	55.1	96	Aug. 4	3	Jan. 6	50	28.90	6.94	June	0.25	May	8.5	87	168	122	75	w.
Buchanan	Botetourt	875	24	56.5	99	May 22†	10	Jan. 6†	41	29.90	6.36	July	0.49	Feb.	14.0	83	163	154	43	w.
Burkes Garden	Tazewell	3,250	45	50.2	90	May 22†	1	Jan. 6	47	37.49	10.12	July	0.97	May	22.2	117	186	97	82	w.
Catawba Sanatorium	Roanoke	2,100	31	54.9	93	May 22†	11	Jan. 6	31	34.40	10.26	July	0.48	Feb.	11.3	90	191	118	56	n.w.
Clifton Forge	Alleghany	1,055							18	26.52	6.14	July	0.42	May	10.5	78	162	127	76	w.
Clinchport	Scott	1,300							44	37.00	10.75	July	0.45	May	2.3	98				
Dale Enterprise	Rockingham	1,350	60	54.4	95	July 1†	10	Feb. 10†	62	23.44	5.24	July	0.07	Feb.	19.0	79	175	117	73	s.
Damascus	Washington	1,928							15	36.01	9.76	July	1.41	Oct.	12.5	125	147	118	100	sw.
Dante	Russell	2,000	24	53.8	93	May 22	5	Jan. 6	25	38.14	10.74	July	1.41	May	10.2	114	120	142	103	sw.
Deerfield	Augusta	1,600							15	28.84	7.33	July	0.21	Feb.	18.5	85	239	101	25	sw.
Emory	Washington	2,112																		
Floyd	Floyd	2,600	9	53.5	92	May 22†	6	Jan. 7	9	30.75	6.54	July	0.66	Feb.	5.9	83	241	56	68	w.
Glen Lyn	Giles	1,524	10	55.9	97	July 27	6	Jan. 6†	28	28.95	6.34	July	0.57	May	7.4	112	136	87	142	w.
Hot Springs	Bath	2,195	48	50.3	90	May 22	5	Jan. 6†	50	25.36	4.27									

## Monthly and Annual Precipitation for the Year 1941 with Departures from the Normal

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	2.71	-0.44	2.58	-0.65	2.09	-1.78	2.52	-0.78	0.85	-2.72	5.28	+1.32	5.14	-0.23	3.89	-0.97	0.99	-1.87	2.34	-0.67	0.50	-1.77	3.25	-0.19	32.23	-10.75
Capron	1.60	.....	1.60	.....	2.27	.....	2.05	.....	0.75	.....	5.20	.....	5.10	.....	3.02	.....	2.47	.....	0.95	.....	0.91	.....	2.55	.....	28.41	.....
Cheriton	3.08	.....	2.47	.....	2.27	.....	3.33	.....	1.40	.....	3.43	.....	4.60	.....	1.02	.....	1.22	.....	0.77	.....	1.59	.....	3.38	.....	28.69	.....
Dahlgren	2.25	-0.60	1.14	-1.35	1.66	-1.69	3.09	-0.32	1.60	-1.53	2.28	-1.59	6.46	+2.24	2.34	-2.80	0.04	-2.65	2.76	+0.37	0.54	-1.41	3.25	+0.16	27.43	-11.17
Diamond Springs	2.81	-0.73	2.63	-0.71	2.47	-1.15	2.68	-0.59	0.85	-3.30	6.72	+1.61	4.52	-1.02	4.91	+0.63	1.19	-2.62	2.32	-0.62	0.94	-1.42	2.90	-1.25	34.94	-11.07
Emporia	1.77	.....	1.90	.....	2.68	.....	2.95	.....	0.87	.....	3.48	.....	8.27	.....	3.05	.....	3.00	.....	0.80	.....	0.73	.....	2.78	.....	32.28	.....
Holland	2.26	.....	1.66	.....	2.23	.....	3.21	.....	0.86	.....	5.95	.....	7.16	.....	3.77	.....	1.37	.....	1.91	.....	1.28	.....	2.87	.....	34.53	.....
Hopewell	1.90	-1.08	1.40	-1.61	2.09	-1.81	4.06	+0.66	0.70	-2.97	4.34	-0.48	7.01	+2.69	4.12	-0.56	1.85	-1.54	0.37	-2.29	0.41	-1.71	2.86	-0.66	31.11	-11.36
Langley Field	2.59	-0.38	2.60	-0.74	2.15	-1.42	2.72	-0.26	1.05	-2.34	6.27	+2.00	4.58	-0.50	2.88	-1.65	1.49	-1.28	0.73	-1.77	1.33	-0.80	2.35	-0.70	30.70	-9.84
Norfolk	2.12	-0.98	2.58	-0.64	2.50	-1.27	3.24	+0.01	0.94	-2.87	4.31	+0.09	4.52	-1.23	4.99	-0.23	2.90	-0.43	2.37	-0.67	1.57	-0.59	2.87	-0.47	34.81	-9.28
Onley	4.00	-0.97	2.91	-0.75	3.41	-0.56	4.47	+1.21	1.06	-2.16	0.91	-2.43	6.80	+2.52	0.88	-4.18	0.31	-3.10	0.87	-2.43	0.82	-1.34	2.50	-1.18	28.64	-13.43
Richmond	2.32	-0.89	1.14	-2.03	2.43	-1.25	3.23	-0.26	1.88	-1.91	2.08	-1.82	3.51	-1.22	3.86	-0.56	2.20	-1.05	0.75	-2.13	0.46	-1.75	2.96	-0.32	26.82	-15.20
Saluda	2.36	-1.15	2.24	-1.60	2.50	-1.68	2.47	-1.44	1.20	-2.12	2.19	-2.08	3.98	-2.02	2.63	-1.91	4.80	-2.58	0.65	-2.78	0.59	-1.51	3.76	+0.33	25.37	-20.49
Walkerton	2.55	.....	1.84	.....	2.44	.....	3.82	.....	2.36	.....	2.57	.....	8.30	.....	3.41	.....	0.66	.....	0.51	.....	0.80	.....	3.61	.....	32.27	.....
Wallaceton (near)	2.13	-1.00	2.94	-1.12	3.61	-0.76	3.02	-1.56	1.32	-2.58	6.77	+1.88	6.13	-1.25	4.06	-1.30	0.66	-4.57	2.01	-1.05	1.22	-2.06	1.92	-2.53	35.80	-17.90
Warsaw	2.40	-0.66	1.45	-1.83	2.92	-0.86	3.40	+0.08	0.73	-0.62	1.70	-2.49	5.13	-0.57	2.63	-1.98	0.02	-2.74	0.65	-2.44	0.66	-1.88	3.13	+0.04	26.82	-14.81
Williamsburg	1.88	-1.44	2.02	-1.48	1.05	-2.45	3.60	-0.12	0.63	-2.95	4.15	-0.62	4.98	-0.74	4.55	-0.79	1.50	-1.64	0.80	-2.28	0.44	-1.67	2.10	-1.56	28.10	-17.74
Means	2.40	-0.70	2.04	-1.21	2.44	-1.39	3.17	-0.28	1.24	-2.34	3.98	-0.38	5.66	-0.02	3.28	-1.36	1.31	-2.16	1.27	-1.56	0.88	-1.49	2.88	-0.70	30.55	-13.59
Middle Virginia																										
Bedford	2.34	-0.73	0.94	-2.16	1.74	-1.78	3.19	+0.18	0.60	-2.60	4.26	+0.01	7.22	+3.47	2.49	-1.55	0.95	-2.19	1.51	-1.85	0.89	-1.49	4.16	+0.49	30.29	-10.20
Callaville	2.33	-1.22	2.07	-1.41	3.15	-1.23	3.52	-0.22	1.01	-2.97	6.56	+2.29	7.47	+2.14	2.96	-2.13	3.89	+0.32	0.48	-2.66	0.82	-1.47	3.02	-0.49	37.28	-9.05
Charlottesville (near)	2.59	-0.76	0.71	-2.09	1.46	-2.01	3.92	+0.40	0.33	-3.63	3.87	-1.42	7.26	+2.93	0.95	-4.17	1.02	-2.20	0.90	-2.73	1.42	-1.04	4.98	+1.22	29.11	-15.50
Chatham	2.33	-1.15	0.97	-2.21	2.39	-1.36	3.93	+0.58	1.17	-2.63	3.11	-0.66	7.14	+2.91	3.46	-0.69	0.72	-2.70	0.89	-2.03	0.81	-1.72	3.90	+0.33	30.72	-11.33
Clarendon	2.98	-0.20	0.85	-1.73	3.39	-1.02	2.81	+0.70	1.83	-1.72	3.99	-0.72	6.35	+1.80	2.17	-2.48	0.74	-2.43	1.17	-1.88	1.12	-1.17	2.96	+0.34	29.98	-11.91
Clarksville	2.30	-0.99	1.22	-2.15	3.14	-0.52	2.24	-1.15	0.62	-3.25	7.91	+3.68	5.70	+5.50	1.97	-2.66	1.74	-1.34	0.23	-2.58	0.39	-1.82	3.31	-0.19	34.77	-7.47
Columbia	2.40	-0.95	0.88	-1.86	2.04	-1.55	5.09	+1.62	1.37	-2.25	4.79	+0.85	5.70	+1.44	2.21	-2.32	0.83	-2.14	0.52	-2.77	0.64	-1.69	3.61	+0.36	29.98	-11.26
Crozet	2.70	-0.29	0.75	-1.65	1.85	-1.05	3.35	-0.01	2.18	-1.84	6.34	+1.37	11.52	+7.70	4.28	-0.57	1.27	-1.97	0.79	-2.37	0.84	-1.65	3.81	+0.69	39.63	-1.64
Culpeper	2.08	-1.29	1.23	-1.96	2.01	-1.71	3.11	-0.27	0.80	-2.78	2.30	-1.74	6.83	+2.64	0.89	-3.55	1.59	-1.52	0.42	-2.50	0.51	-1.72	3.11	-0.47	24.88	-16.87
Danville	2.52	.....	0.85	.....	2.00	.....	3.13	.....	1.61	.....	5.29	.....	5.90	.....	3.95	.....	0.54	.....	0.93	.....	1.01	.....	3.55	.....	31.28	.....
Elkwood	2.91	+0.07	0.99	-1.76	2.32	-1.74	3.10	+0.05	1.60	-2.02	5.44	+0.86	5.41	+1.22	0.92	-3.11	1.09	-1.64	0.70	-2.58	0.70	-1.64	2.22	-0.94	27.40	-13.48
Fredericksburg (near)	2.14	-1.20	0.62	-2.10	1.53	-2.05	2.56	-0.94	2.72	-1.02	2.35	-1.86	5.61	+1.25	5.42	+0.44	0.53	-2.63	1.56	-1.65	0.87	-1.24	3.90	+0.79	29.81	-12.24
Halifax	2.49	.....	1.08	.....	2.47	.....	2.97	.....	1.45	.....	3.30	.....	7.52	.....	1.74	.....	1.80	.....	0.41	.....	0.66	.....	3.12	.....	29.01	.....
Kenbridge	2.29	.....	1.29	.....	2.51	.....	2.62	.....	0.26	.....	2.62	.....	6.66	.....	1.79	.....	2.90	.....	0.30	.....	0.55	.....	2.47	.....	26.26	.....
Lincoln	2.71	-0.29	0.87	-1.74	1.57	-1.51	3.03	-0.28	1.64	-1.96	3.64	-1.09	6.62	+1.18	2.62	-1.64	0.39	-2.25	1.01	-2.00	1.70	-0.65	4.24	+1.60	34.04	-4.73
Lynchburg	2.37	-0.75	0.96	-1.68	1.72	-1.66	4.16	+1.02	1.09	-2.79	6.24	+1.10	7.61	+3.21	2.28	-2.27	0.27	-2.80	1.23	-2.05	0.97	-1.29	4.13	+1.05	31.92	-8.91
Louisville	2.38	-1.05	0.75	-2.40	1.47	-2.07	3.77	+0.82	0.52	-3.11	4.73	+0.94	6.70	+4.49	1.12	-2.66	0.99	-3.22	1.09	-2.06	1.28	-1.05	4.34	+1.08	30.24	-10.29
Manassas (near)	2.73	-0.39	0.78	-2.31	2.40	-0.66	2.66	-0.39	1.72	-1.92	5.24	+1.64	6.74	+2.83	4.20	-0.72	0.90	-1.68	0.75	-1.76	0.87	-1.50	3.91	+1.03	32.80	-5.83
Martinsville	2.15	.....	0.91	.....	2.50	.....	3.17	.....	0.71	.....	4.43	.....	12.11	.....	1.95	.....	2.14	.....	0.93	.....	1.10	.....	3.74	.....	35.84	.....
Mount Weather	2.36	-0.54	0.75	-1.75	2.38	-0.55	1.44	-2.12	1.20	-2.64	3.92	-0.78	6.75	+2.95	2.72	-1.80	0.70	-2.18	0.48	-3.39	2.47	-0.03	2.38	-0.28	27.55	-13.11
New Canton	2.76	-0.79	1.06	-1.89	2.51	-1.32	4.76	+1.44	0.90	-2.52	5.54	+1.81	4.65	+0.76	2.06	-2.87	0.48	-2.55	0.70	-2.48	0.59	-1.76	3.91	+0.61	29.92	-11.66
Orange	2.05	-0.98	0.43	-1.17	1.26	-1.93	2.41	-0.93	0.64	-3.02	4.37	-0.39	10.48	+5.88	3.84	-0.78	0.59	-2.67	0.52	-2.56	1.07	-1.37	3.92	+0.71	32.58	-9.21
Pinnacles	1.82	.....	1.02	.....	2.71	.....	3.81	.....	1.33	.....	6.07	.....	14.44	.....	1.57	.....	1.82	.....	1.86	.....	3.79	.....	6.27	.....	46.51	.....
Powhatan	2.75	-0.18	1.06	-1.23	2.83	-0.12	3.52	-0.24	0.99	-2.81	3.67	+0.66	5.67	+1.98	2.98	-1.42	1.09	-1.92	0.51	-2.14	0.75	-1.39	5.91	+2.92	31.73	-5.39
Quantico	2.48	-0.60	0.46	-2.18	1.84	-1.48	2.80	-0.25	1.74	-1.39	2.87	-0.95	5.27	+3.00	1.84	-2.62	0.21	-2.79	1.86	-1.10	1.01	-1.09	3.19	+0.36	24.77	-13.79
Randolph	2.36	-1.20	0.93	-2.47	2.40	-1.26	3.61	+0.49	1																	

## Monthly and Annual Mean Temperatures for the Year 1941 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	40.4	+0.2	36.4	-4.8	41.8	-4.8	56.0	+1.4	67.2	+3.0	73.5	+0.6	77.8	+0.3	76.7	-0.2	74.6	+2.8	68.6	+6.5	54.6	+2.5	46.6	+2.9	59.5	+0.9
Capron	37.4	.....	35.5	.....	42.2	.....	60.2	.....	73.0	.....	73.2	.....	78.9	.....	75.8	.....	74.1	.....	66.6	.....	49.4	.....	45.4	.....	59.3	.....
Cheriton	40.8	.....	36.8	.....	42.8	.....	58.7	.....	70.2	.....	73.3	.....	78.6	.....	76.8	.....	74.6	.....	68.0	.....	53.2	.....	46.0	.....	60.0	.....
Dahlgren	35.2	-1.1	34.4	-4.1	41.6	-3.8	59.0	+4.9	67.2	+4.7	73.0	+0.6	77.5	+0.8	76.1	+1.7	73.4	+3.3	65.8	+8.0	51.6	+4.3	42.4	+3.6	58.1	+1.9
Diamond Springs	41.0	-2.3	37.6	-6.1	44.0	-5.8	59.9	+2.1	70.8	+5.0	74.6	+0.9	79.9	+2.3	79.2	+2.6	76.0	+3.6	70.0	+7.3	54.7	+2.5	47.0	+2.7	61.2	+1.2
Holland	39.2	.....	36.0	.....	42.4	.....	61.8	.....	68.6	.....	73.6	.....	78.6	.....	75.9	.....	73.0	.....	66.4	.....	51.5	.....	45.4	.....	59.4	.....
Hopewell	38.4	-1.5	37.2	-3.6	43.6	-5.4	61.8	+4.5	69.4	+1.8	75.2	-0.1	79.8	+1.1	78.1	+0.9	75.2	+3.1	69.0	+9.1	51.5	+2.0	44.7	+3.8	60.3	+1.3
Langley Field	38.5	-2.4	35.9	-5.1	42.6	-5.1	58.8	+2.7	69.0	+3.1	73.7	-0.5	78.9	+0.4	77.4	0.0	75.0	+3.2	67.2	+5.7	53.0	+2.7	45.0	+2.8	59.6	+0.6
Norfolk	40.4	-0.2	38.0	-4.7	44.0	-4.2	60.6	+3.8	69.6	+3.4	74.8	+0.4	79.1	+0.4	78.2	+0.8	75.0	+3.4	68.8	+6.3	55.9	+4.5	47.4	+4.3	61.0	+1.5
Onley	39.2	0.0	37.2	-3.5	42.1	-3.5	57.8	+3.4	67.8	+4.6	73.4	+0.7	77.5	-0.3	76.6	+1.0	73.2	+2.3	67.5	+7.1	53.2	+2.6	45.6	+3.8	59.3	+1.5
Richmond	37.0	-0.9	36.1	-3.5	42.0	-5.2	61.2	+4.6	68.6	+2.1	74.4	+0.3	78.8	+0.3	78.0	+1.5	73.6	+3.1	67.0	+7.4	51.4	+3.1	43.9	+4.1	59.3	+1.4
Saluda	36.0	-5.1	34.7	-7.9	41.6	-5.0	57.6	+2.0	67.2	+2.6	73.2	-0.3	77.7	-0.1	75.8	-0.6	73.8	+1.6	65.8	+6.0	50.4	-0.8	43.3	+1.0	58.1	-0.5
Walkerton	36.2	.....	35.2	.....	41.2	.....	59.6	.....	67.6	.....	73.4	.....	78.2	.....	76.2	.....	73.1	.....	65.7	.....	49.9	.....	42.6	.....	58.3	.....
Warsaw	38.7	+2.1	36.2	-0.4	42.0	-3.8	59.6	+4.8	69.0	+4.5	73.4	+1.3	79.0	+2.7	76.0	+1.0	69.6	+0.5	65.0	+6.8	51.0	+4.0	43.7	+5.0	58.6	+2.5
Williamsburg	38.6	-1.8	36.6	-4.5	42.6	-5.9	60.6	+3.6	69.3	+4.1	74.2	+1.4	79.2	+2.2	77.3	+1.6	74.2	+4.3	68.0	+7.8	51.6	+2.6	45.0	+3.8	59.8	+1.6
Means	38.5	-1.2	36.3	-4.4	42.4	-4.8	59.5	+3.4	69.0	+3.5	73.8	+0.5	78.6	+0.9	76.9	+0.9	73.9	+2.8	67.3	+7.1	52.2	+2.8	44.9	+3.5	59.4	+1.2
Middle Virginia																										
Bedford	37.8	.....	34.8	.....	42.2	.....	60.6	.....	67.6	.....	72.6	.....	77.4	.....	76.0	.....	72.8	.....	64.6	.....	49.2	.....	43.8	.....	58.3	.....
Callville	37.6	-1.4	35.3	-4.2	41.8	-6.3	60.8	+4.7	67.3	+2.3	73.8	+0.8	79.4	+2.3	77.2	+1.5	73.8	+3.5	66.6	+7.4	50.1	+1.7	43.0	+3.3	59.0	+1.3
Charlottesville (near)	34.3	-2.1	34.4	-3.0	40.8	-5.5	61.4	+5.5	67.8	+2.9	73.2	+0.6	77.7	+1.2	76.3	+1.5	73.6	+4.1	65.3	+6.7	50.7	+2.6	42.0	+3.7	58.2	+1.5
Chatham	36.4	-3.6	34.1	-9.0	41.4	-5.6	59.8	+3.5	67.8	+2.1	72.8	-1.3	77.0	-1.0	75.0	-0.6	70.3	-0.9	65.6	+7.8	47.6	-0.2	43.0	+1.1	57.6	-0.6
Clarksville	39.0	+1.4	36.4	-4.6	43.4	-4.2	61.2	+4.7	69.6	+4.3	74.6	+1.1	80.2	+3.2	78.4	+3.2	73.7	+3.4	66.6	+8.3	51.0	+4.0	45.8	+6.6	60.0	+2.6
Columbia	36.4	-0.6	35.3	-2.3	41.7	-4.8	60.6	+5.6	67.0	+2.3	73.6	+1.6	79.0	+3.1	76.6	+2.1	73.4	+4.7	65.2	+7.8	49.4	+2.9	43.1	+5.1	58.4	+2.3
Crozet	34.0	-0.5	33.8	-2.8	40.5	-4.4	60.0	+5.6	67.1	+3.3	73.2	+1.8	77.7	+2.4	74.7	+1.4	71.0	+3.2	63.6	+7.5	48.5	+3.8	40.5	+4.7	57.0	+2.2
Culpeper	39.8	-0.3	37.4	-6.1	44.0	-6.0	62.0	+3.3	69.8	+2.5	75.0	-1.0	79.4	-0.1	78.2	+0.5	74.5	+1.6	67.8	+6.8	50.8	+1.0	45.4	+3.5	60.3	+0.5
Elkwood	33.3	.....	33.0	.....	38.8	.....	58.1	.....	64.6	.....	71.7	.....	76.2	.....	73.0	.....	70.2	.....	62.6	.....	47.4	.....	40.2	.....	55.8	.....
Farmville	36.6	-2.3	35.2	-2.3	41.9	-4.3	59.6	+4.4	66.4	-0.2	72.4	-2.2	77.8	-1.7	76.4	-0.6	72.4	+1.0	66.0	+7.0	47.4	+0.4	42.2	+3.4	57.9	+0.2
Fredericksburg (near)	34.2	-2.5	34.0	-3.3	39.7	-6.9	58.5	+3.1	65.8	+0.9	72.4	+0.2	77.4	+0.8	74.3	-0.5	71.4	+1.9	64.2	+6.2	48.1	+0.8	41.0	+3.1	56.8	+0.3
Kenbridge	37.4	.....	36.4	.....	42.8	.....	61.3	.....	68.3	.....	74.4	.....	78.8	.....	76.6	.....	73.4	.....	66.6	.....	50.4	.....	43.2	.....	59.1	.....
Lincoln	32.6	-0.4	33.2	-0.8	39.8	-4.0	59.8	+6.4	66.8	+2.9	72.9	+1.3	76.9	+0.4	75.0	+0.8	72.6	+3.8	64.0	+6.9	50.0	+4.6	40.4	+5.8	57.0	+2.3
Louisa	33.8	-1.4	35.4	-2.8	41.5	-3.5	59.6	+6.0	66.0	+3.6	72.0	+1.8	77.0	+2.2	74.0	+0.6	70.2	+2.1	63.5	+8.0	48.2	+2.7	39.9	+4.7	56.8	+1.8
Lynchburg	37.6	+0.1	36.2	-4.1	42.8	-4.5	62.2	+4.9	68.4	+1.1	73.6	-1.0	78.6	+1.1	77.6	+2.0	72.8	+3.8	65.3	+6.8	50.3	+3.1	44.2	+4.7	59.1	+1.5
Martinsville	38.2	.....	35.9	.....	43.0	.....	61.2	.....	69.2	.....	73.7	.....	77.4	.....	76.6	.....	72.6	.....	65.6	.....	48.8	.....	43.7	.....	58.8	.....
Mount Weather	27.8	-2.8	24.2	-6.7	31.0	-8.2	53.4	+4.2	60.9	+1.6	65.1	-1.8	70.9	-0.3	69.0	-0.4	66.4	+1.7	59.6	+5.9	45.8	+3.7	36.3	+3.8	50.9	0.0
New Canton	36.0	-1.3	34.5	-3.6	40.8	-6.2	59.4	+4.2	65.7	+1.1	71.4	-0.5	76.9	+0.8	74.4	+0.6	71.4	+2.4	64.6	+7.2	47.9	+1.2	42.0	+3.7	57.1	+0.8
Quantico	33.8	-1.2	33.6	-1.7	40.2	-4.9	58.4	+4.3	66.7	+2.7	72.7	+0.6	77.6	+0.6	75.4	+1.2	72.6	+3.9	64.0	+6.6	48.8	+3.5	40.2	+3.9	57.0	+1.6
Rocky Mount	36.8	-0.9	35.3	-3.5	41.6	-5.3	59.6	+3.9	68.0	+3.3	71.1	-0.8	76.6	+1.6	76.0	+2.4	72.6	+3.9	65.2	+8.3	49.5	+2.1	47.1	+8.4	58.3	+2.0
Stuart	37.8	-2.6	35.4	-6.5	41.8	-4.6	59.8	+3.7	67.2	+2.2	71.1	-1.2	74.4	-1.6	74.7	+0.6	70.1	-0.1	62.7	+4.7	49.5	+1.5	44.0	+1.9	57.4	-0.2
Washington, D. C.	34.8	+1.4	33.8	-1.5	39.8	-2.8	60.6	+3.7	68.8	+3.1	73.2	+1.0	77.4	+0.6	76.1	+1.1	72.8	+4.7	64.4	+7.0	50.4	+5.2	41.9	+5.3	57.7	+2.7
Means	35.7	-1.2	34.4	-3.8	41.0	-5.1	59.9	+4.8	67.1	+2.3	72.5	+0.1	77.3	+0.9	75.5	+1.0	72.1	+2.7	64.8	+7.0	49.1	+2.5	42.4	+4.1	57.6	+1.3
Great Valley																										
Big Meadows	28.5	.....	25.6	.....	31.6	.....	53.1	.....	58.2	.....	63.9	.....	65.2	.....	65.3	.....	61.4	.....	57.5	.....	44.3	.....	34.4	.....	49.1	.....
Blacksburg	34.8	+1.5	32.0	-2.2	38.8	-3.9	59.1	+8.3	64.3	+4.5	70.4	+2.8	74.2	+3.2	73.4	+3.5	68.4	+3.8	61.3	+7.9	44.8	+2.2	40.1	+5.5	55.1	+3.1
Buchanan	35.2	-1.2	32.6	-8.0	39.8	-7.5	59.2	+3.4	64.9	+0.7	71.0	-1.2	76.4	+0.4	73.6	-0.7	71.0	+1.1	63.3	+4.9	47.8	+1.2	42.7	+4.1	56.5	-0.3
Burkes Garden	31.4	-0.6	26.7	-5.5	33.2	-7.0	52.0	+4.0	57.8	+0.9	63.0	+1.3	70.0	+3.1	68.4	+2.6	63.8	+3.3	56.0	+5.7	40.8	+0.6	37.9	+5.2	50.2	+1.1
Catawba Sanatorium	34.2	-2.2	31.0	-7.9	38.5	-6.4	57.6	+3.5	64.4	+2.0	68.6	-1.0	73.6	+0.9	72.6	+1.0	69.2	+2.5	61.6	+4.9	47.0	+1.2	40.8	+3.0	54.9	+0.1
Dale Enterprise	32.5	-0.7	31.2	-3.4	37.0	-5.7	56.6	+4.5	63.0	+0.7	69.4	-0.4	74.0	+0.3	72.4	+0.4	68.8	+1.8	61.5	+6.0	46.4	+2.5	40.4	+5.2	54.8	+0.9
Dante	35.0	-0.7	30.4	-9.0	37.4	-7.7	56.6	+2.5	63.2	+2.1	67.7	-1.2	72.2	+0.4	70.2	-0.8	68.0	+0.8	60.2	+4.1	44.6	-0.5	39.5	+1.2	53.8	-0.7
Emory	34.6	-2.8	30.8	-6.6	36.5	-6.3	54.6	+2.6	61.0	-0.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Floyd	33.0	.....	29.4	.....	36.7	.....	56.0	.....	63.3	.....	68.0	.....	71.6	.....	71.4	.....	67.3	.....	60.1							

Supplemental Table of Monthly and Annual Precipitation for the Year 1941

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	4	2.44	0.68	1.82	4.32	1.09	7.36	7.98	0.97	0.49	0.70	0.97	3.97	32.79
Arlington	Arlington	Potomac	10	5	3.04	0.96	2.23	2.52	1.26	4.04	3.45	1.97	0.93	1.05	0.58	3.09	25.12
Assateague Beach	Accomac	Atlantic	10	2	2.53	2.31	1.97	1.91	1.17	1.96	5.88	1.97	0.03	0.44	0.52	2.36	24.05
Augusta Springs	Augusta	North	1,700	2	0.78	0.27	1.29	1.51	0.61	4.72	7.83	0.59	1.00	1.83	1.33	3.44	25.20
Bacon	Fairfax	Potomac	380	2	2.93	0.30	1.50	2.47	1.26	3.83	.....	2.51	1.71	1.01	0.72	4.26	.....
Bastian	Bland	New	2,255	1	1.98	0.79	1.42	3.06	0.35	0.76	.....	.....	.....	1.35	.....	.....	.....
Big Knob	Scott	Tennessee	3,200	7	1.92	1.19	3.61	3.14	1.01	2.68	8.74	1.41	3.59	1.18	2.32	2.82	33.61
Bremo Bluff	Fluvanna	James	225	2	2.90	1.00	2.46	4.79	0.89	4.60	5.37	1.94	0.46	0.63	0.26	3.88	29.18
Buena Vista	Rockbridge	do	835	5	1.77	0.55	1.60	2.97	0.38	2.92	6.37	1.59	0.86	0.88	1.04	4.25	25.18
Camp F-13	Rockbridge	do	.....	.....	.....	0.71	.....	3.54	0.78	3.24	7.90	1.60	0.82	0.50	0.80	5.21	.....
Camp NF-18 (Oronoco)	Amherst	do	1,300	.....	2.67	0.55	1.90	3.30	0.52	3.50	6.36	.....	1.06	1.57	0.85	.....	.....
Camp F-21 (Newcastle)	Craig	do	1,500	.....	1.65	0.70	1.90	2.59	1.60	4.85	4.36	2.11	3.68	0.93	.....	.....	.....
Camp F-26 (Norton)	Wise	Tennessee	.....	.....	2.16	0.91	4.70	3.84	0.51	3.45	.....	.....	.....	.....	.....	2.97	.....
Churchville	Augusta	Shenandoah	1,475	1	1.87	0.18	2.00	3.08	0.33	5.49	5.55	0.83	0.35	1.00	1.46	3.51	25.65
Cleveland	Russell	Tennessee	1,525	6	2.40	1.17	3.17	3.43	0.56	3.57	8.66	4.02	2.25	2.35	1.77	2.59	35.94
Cootes Store	Rockingham	Shenandoah	1,050	.....	1.16	0.05	1.41	2.25	0.93	3.73	.....	4.20	0.94	0.87	1.63	3.49	.....
Copper Hill	Floyd	Roanoke	.....	1	1.79	0.90	1.55	2.50	0.47	4.48	4.94	2.92	1.22	0.86	1.51	3.16	25.70
Covington	Allegheny	Jackson	1,245	5	0.85	0.38	1.45	0.93	0.40	4.20	3.27	1.67	1.31	0.77	.....	.....	.....
Crewe	.....	Nottoway	450	1	2.13	0.74	2.58	1.92	0.90	6.43	4.23	1.39	0.56	0.39	0.40	3.20	24.87
Davenport	Buchanan	Ohio	1,600	1	1.28	1.38	3.14	3.00	2.45	3.76	7.75	3.24	2.92	2.37	0.64	2.20	34.13
Delaplane	Fauquier	Potomac	455	1	2.23	0.46	1.90	2.78	1.31	4.83	3.66	2.49	0.67	0.93	1.34	3.51	26.11
Dunbar	Wise	Tennessee	2,000	7	2.14	0.94	3.44	2.47	0.69	3.84	10.41	3.43	1.50	2.45	2.14	2.95	36.40
Dungannon	Scott	do	2,500	7	2.17	1.52	3.39	3.00	0.09	2.23	8.47	1.49	1.31	2.32	2.11	2.96	31.06
Earlsville	Albemarle	James	1,055	1	2.17	0.64	1.49	3.02	0.30	4.53	4.52	1.75	0.24	0.77	1.06	4.61	25.10
Fairystone State Park	Patrick	Roanoke	.....	.....	.....	.....	2.62	.....	0.02	4.67	.....	0.92	0.37	1.29	2.01	6.05	.....
Foraker	Dickenson	Tennessee	1,982	.....	1.76	0.71	3.25	2.31	0.36	2.82	11.83	4.53	1.52	2.20	1.51	2.00	34.80
Galax	Grayson	New	.....	1	1.20	0.82	2.60	2.74	0.31	5.11	6.64	1.85	1.54	1.09	2.57	4.18	30.65
Gordonsville	Orange	James	442	4	2.31	0.96	2.10	4.08	0.57	3.65	10.87	3.39	0.57	0.60	0.97	4.15	34.22
Goshen	Rockbridge	North	1,300	2	2.36	0.26	1.43	2.93	0.20	3.16	4.82	1.54	1.02	1.09	1.82	3.88	24.51
Harrisonburg	Rockingham	Shenandoah	1,338	1	1.74	0.00	1.02	1.97	0.64	3.13	3.39	1.85	0.73	1.41	0.63	2.89	19.40
Haysi	Dickenson	Ohio	.....	1	1.46	0.61	3.57	2.80	1.76	4.14	7.87	3.00	1.32	2.33	1.32	2.68	33.53
High Knob	Wise	Tennessee	4,150	7	1.74	0.71	2.70	2.66	0.25	3.66	9.38	5.94	0.65	2.95	2.25	3.02	36.90
Hillsville	Carroll	New	2,570	.....	0.99	0.79	2.37	3.04	1.10	1.07	.....	1.30	0.23	1.27	2.29	3.01	.....
Hog Island	Northampton	Atlantic	10	2	2.73	2.42	2.13	4.04	0.90	1.76	3.24	0.79	0.19	0.20	0.70	1.03	22.51
Holston	Washington	Tennessee	3,450	7	1.63	1.45	4.03	3.11	0.60	3.17	8.14	3.62	1.60	2.66	1.54	3.10	34.65
Honaker	Russell	do	2,400	7	1.90	1.31	3.69	2.65	0.90	4.90	6.59	2.71	1.33	2.85	3.12	2.68	34.63
Hurley	Buchanan	Ohio	.....	1	1.82	0.88	2.79	2.36	0.40	4.24	5.19	3.39	4.30	2.86	0.97	3.37	32.57
Independence	Grayson	New	.....	1	1.20	0.72	2.48	1.78	0.67	2.56	9.33	1.92	1.26	0.92	2.03	3.35	28.22
Indian Valley	Floyd	do	.....	1	1.59	0.68	2.08	.....	1.30	3.72	7.11	0.88	1.63	1.10	1.35	2.71	.....
Jonesville	Lee	Tennessee	1,400	7	2.32	0.99	3.50	2.93	0.41	6.40	11.28	5.15	1.69	2.86	1.91	3.13	42.57
Jordan Mines	Allegheny	James	1,350	1	1.41	0.69	1.99	2.08	0.66	4.65	4.46	2.41	1.79	0.97	1.75	3.36	26.22
Kerrs Creek	Rockbridge	North	1,400	2	1.08	0.44	1.56	3.65	0.43	4.24	6.16	1.14	0.73	1.31	1.48	4.09	26.31
Lee Exp. Forest	Buckingham	James	500	.....	2.69	0.91	1.42	5.16	1.02	4.16	4.71	2.60	.....	.....	.....	3.56	.....
Loves Mill	Washington	Tennessee	2,040	7	1.75	1.30	2.66	2.29	1.10	4.20	8.21	3.83	1.15	1.24	1.46	2.27	31.46
Luray	Page	Shenandoah	1,120	.....	2.09	0.58	1.81	2.58	0.95	3.39	11.38	5.12	1.66	1.06	1.31	3.17	.....
Lynchburg (Airport)	Campbell	James	923	5	2.45	0.98	1.17	3.51	0.84	4.99	10.58	1.07	0.48	0.88	1.02	3.59	31.56
Manion	Fairfax	Potomac	450	.....	.....	.....	.....	.....	.....	5.35	2.55	1.73	1.11	0.81	4.17	.....	.....
Marion	Smyth	Tennessee	2,150	7	1.59	0.82	1.91	2.24	0.29	3.25	5.54	3.90	1.67	1.72	1.34	1.93	26.20
Mc Clung	Bath	James	.....	.....	.....	.....	1.47	.....	0.40	2.66	4.40	1.33	0.87	1.27	2.40	4.80	.....
Mc Dowell	Highland	do	2,050	2	1.00	0.25	1.00	1.70	0.95	6.50	6.75	T.	2.40	1.55	3.10	3.55	28.75
Mc Gayheysville	Rockingham	Shenandoah	1,050	1	1.84	0.22	1.54	2.19	0.65	3.10	3.90	2.60	2.25	1.15	1.13	3.15	23.72
Montebello	Nelson	James	2,500	5	2.09	0.58	1.93	4.32	0.43	6.96	6.83	1.41	0.97	1.51	1.59	5.21	33.83
Mount Jackson	Shenandoah	Shenandoah	.....	5	2.10	0.25	1.51	1.99	0.90	4.97	7.33	4.41	1.02	0.90	1.29	3.26	29.93
Mt. Jackson (Hydro. Sta.)	.....	do	900	.....	1.41	0.66	1.33	2.07	0.67	4.93	4.21	4.48	0.54	1.13	0.93	3.01	24.77
Mount Solon	Augusta	do	1,400	5	2.03	0.78	1.70	3.42	0.90	5.11	7.24	2.06	0.85	1.14	1.94	3.98	30.30
Mutters Gap	Russell	Tennessee	3,925	7	2.38	1.51	4.53	3.51	0.53	5.66	6.40	6.99	1.51	2.28	2.48	3.03	40.81
Nebo	Smyth	do	2,425	7	1.87	1.51	1.81	1.55	1.35	3.44	7.46	4.16	0.80	1.22	0.95	1.34	22.75
Newcastle	Craig	James	1,300	5	1.67	0.50	1.81	2.75	1.75	7.45	8.52	2.70	2.19	1.08	1.09	3.46	34.97
North Garden	Albemarle	do	700	4	2.53	0.83	1.99	5.12	0.43	5.91	8.08	1.27	T.	0.90	1.25	5.60	33.91
Olinger	Lee	Tennessee	1,400	7	2.24	0.77	3.37	2.26	0.15	3.62	12.17	3.09	1.37	2.57	2.61	2.98	37.20
Pedlar Dam	Amherst	James	800	8	2.40	0.62	2.06	3.55	0.33	4.44	7.41	1.87	1.61	0.88	1.56	6.32	33.05
Pilot	Montgomery	New	1,193	1	1.67	0.95	2.24	2.15	2.06	6.45	4.53	2.48	0.72	1.27	1.44	2.62	28.58
Princess Anne	Princess Anne	Atlantic	10	2	2.65	2.98	2.49	3.02	0.93	3.03	5.34	4.51	0.40	0.79	1.09	2.57	29.80
Pulaski	Pulaski	New	1,904	1	1.83	0.74	2.27	2.14	0.78	5.87	7.46	2.10	2.24	0.74	3.11	3.05	32.33
Richmond (Byrd Airport)	Henrico	James	160	5	2.19	1.17	1.97	3.44	1.31	1.83	2.82	3.05	1.23	0.35	0.61	2.89	22.56
Roanoke (Airways)	Roanoke	Roanoke	907	4	1.57	0.60	2.06	3.22	2.43	4.12	6.63	0.99	1.57	0.92	0.84	4.00	28.95
Rockfish	Nelson	James	500	5	3.34	0.76	1.41	3.97	0.24	4.83	7.17	1.54	0.49	1.00	0.99	4.19	29.93
Skyland	Page	Shenandoah	3,500	1	2.48	0.64	2.08	3.57	1.56	3.48	6.71	4.45	1.66	1.48	1.45	6.62	36.18
Slate (Dwight)	Buchanan	Ohio	.....	1	1.88	0.78	3.10	2.53	0.45	3.99	8.14	4.49	0.38	2.62	0.50	2.37	31.23
Speedwell	Wythe	New	.....	1	1.06	0.82	3.17	1.65	0.29	4.94	6.35	1.94	0.95	0.84	1.33	2.48	25.82
Spring Creek	Tazewell	Tennessee	3,150	7	1.54	0.48	2.49	1.68	0.11	5.14	6.92	3.72	1.09	1.31	1.84	3.43	29.75
Star Tannery	Frederick	Shenandoah	950	.....	1.99	0.24	1.90	2.46	2.00	3.75	7.50	3.36	0.26	.....	.....	3.79	.....
Stony Creek	Sussex	Nottoway	.....	.....	.....	.....	1.77	3.09	0.87	3.94	8.46	3.63	1.74	0.63	0.53	2.99	.....
Sugar Grove	Smyth	Tennessee	2,685	.....	.....	1.07	.....	2.17	1.16	5.31	4.00	3.37	0.73	0.90	1.23	1.84	.....
Tazewell	Tazewell	do	2,450	3	1.83	1.43	3.88	2.45	1.49	3.97	5.99	2.22	2.55	0.80	1.61	3.66	31.88
Troutdale (U.S.W.B.)	Grayson	do	3,080	1	1.76	1.53	3.53	1.92	0.74	4.75	6.96	.....	1.78	1.30	1.71	3.09	.....
Troutdale (T.V.A.)	Grayson	do	3,450	7	1.60	1.13	3.09	2.14	0.94	5.12	7.96	5.05	2				

(WBO, Richmond, Va. —3-10-42—1, 350)

