

# CLIMATOLOGICAL DATA

38

## VIRGINIA SECTION

F. N. HIBBARD

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RICHMOND, VA., YEAR 1942

No. 13

### GENERAL SUMMARY

The general weather for the year was slightly warmer and considerably wetter than usual. The 52-year record shows 18 warmer years, but only three wetter ones. The amount of snow was normal; the number of rainy days has been exceeded only once; and the number of cloudy days, only 10 times in the past half century.

In temperature, the mean for the year 56.4° may be compared with 58.4° in 1921, and 53.3° in 1917. March to July, and October and November were the warm periods; and state record extremes were approached by individual stations in May, June, July, August, and November. Comparatively cold weather prevailed during the winter months, record minima for the state were approached in August and September. In this latter month, new low September records were established for about half of the temperature stations.

Precipitation was greater for the state in only three previous years, 1901, 1906, and 1937; and the great excess of more than seven inches in 1942 fell principally in August, September and October; which months combined produced about nine inches more than usual. August was the third wettest of record; and October the fifth; and during the latter, nearly 18 inches fell at Riverton, and more than 21 inches at Big Meadows, and about a dozen stations in the northern half of the state exceeded 10 inches. December also was wet and ranked seventh wettest of record. February and April were abnormally dry, particularly April, which had next to the least rainfall of record.

Deficient soil moisture gave crops a slow start but this was quickly overcome except in the Tidewater where drouth conditions continued until August. Early crops in the Tidewater were poor; otherwise they were normal or better. Heavy rains in late summer and fall damaged all late crops and made harvest difficult.

A snow storm on March 2-3d was one of the worst of record in the mountain counties and resulted in the death of two men. On July 8th a flash flood caused more than \$150,000 damage at Pound, Va. On August 12-18th local floods in Smythe and Wythe and Campbell counties caused about \$23,000 damage. General floods occurred October 12-18th. In northern Virginia streams were the highest ever known and damages amounted to several millions of dollars. Many railway and highway bridges were washed away and more than 1,000 miles of fences destroyed. A million bushels of apples were caused to drop before they could be picked. One life was lost and about 1,300 people made homeless. Damage along the James was slight. — S.B.T.

### MONTHLY STATE DATA 1942

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	34.9	-1.5	71	-14	2.53	-0.75	3.50	3.3	8	15	6	10
February	34.4	-2.7	68	-6	1.81	-1.25	2.25	1.0	6	14	5	9
March	47.1	+1.4	85	11	4.19	+0.53	2.21	6.3	10	14	7	10
April	57.9	+3.3	94	19	0.65	-2.65	1.05	T.	3	19	6	5
May	66.9	+2.7	98	29	5.02	+1.34	6.05	0.0	9	13	10	8
June	73.4	+1.6	103	37	5.25	+1.04	4.11	0.0	12	12	10	8
July	77.0	+1.6	106	47	4.30	-0.94	3.60	0.0	11	15	10	6
August	73.8	-0.8	104	34	8.70	+4.18	6.84	0.0	15	11	10	10
September	65.7	+0.1	98	23	4.41	+1.34	3.85	0.0	10	15	10	7
October	58.8	+1.3	88	17	6.34	+3.33	7.46	0.0	10	14	11	11
November	45.7	+2.1	86	12	1.71	-0.71	1.76	0.0	10	15	10	9
December	35.3	-2.8	77	-13	4.05	+0.98	2.22	5.8	13	10	7	16

### KILLING FROSTS 1942

Stations	Last in spring	First in autumn	Stations	Last in spring	First in autumn
Cape Henry	Mar. 2	Dec. 3	Manassas	Apr. 14	Sept. 29
Capron	Apr. 1	Oct. 27	Martinsville	Apr. 2	Oct. 27
Cheriton	Mar. 2	Nov. 15	Mount Weather	Apr. 14	Sept. 28
Dahlgren	Mar. 29	Nov. 15	New Canton	Apr. 14	Oct. 28
Diamond Springs	Apr. 2	Nov. 28	Orange	Apr. 20	Sept. 28
Driver	Mar. 24	Oct. 27	Pinnacle	Apr. 23	Sept. 29
Emporia	Apr. 14	Oct. 28	Powhatan	Apr. 12	Oct. 27
Holland	Apr. 14	Oct. 28	Quantico	Mar. 30	Oct. 27
Hopewell	Apr. 2	Oct. 28	Rocky Mount	Apr. 19	Sept. 29
Langley Field	Mar. 2	Dec. 3	Stuart	Apr. 1	Oct. 27
New Church	Apr. 14	Oct. 28	Washington	Mar. 30	Oct. 28
Norfolk	Feb. 28	Dec. 3	Afton	Apr. 13	Oct. 27
Onley	Apr. 14	Oct. 27	Blacksburg	Apr. 23	Sept. 29
Richmond	Mar. 30	Oct. 28	Buchanan	Apr. 23	Oct. 27
Saluda	Apr. 28	Oct. 27	Burkes Garden	May 10	Sept. 29
Smithfield	Mar. 30	Oct. 30	Catawba Sanatorium	Apr. 2	Sept. 29
Surry	Apr. 2	Oct. 27	Clifton Forge	Apr. 2	Oct. 28
Walkerton	Apr. 14	Oct. 27	Dale Enterprise	Apr. 14	Sept. 29
Wallaceon	Apr. 14	Oct. 28	Damascus	Apr. 21	Sept. 29
Warsaw	Apr. 14	Oct. 27	Dante	Apr. 21	Sept. 28
Williamsburg	Mar. 30	Oct. 27	Deerfield	Apr. 13	Sept. 29
Bedford	Apr. 13	Sept. 29	Emory	Apr. 21	Sept. 29
Callville	Apr. 13	Oct. 27	Floyd	Apr. 20	Sept. 30
Charlottesville	Mar. 31	Oct. 27	Glen Lyn	Mar. 22	Sept. 29
Chatham	Apr. 12	Oct. 27	Hot Springs	June 9	Sept. 28
Clarendon	Apr. 14	Sept. 30	Lexington	Apr. 14	Sept. 29
Clarksville	Apr. 13	Oct. 27	Luray	Apr. 14	Sept. 29
Columbia	Apr. 14	Oct. 28	Monterey	May 10	Sept. 29
Crozet	Apr. 14	Oct. 28	Moores Creek Dam	Apr. 22	Sept. 29
Culpeper	Apr. 14	Oct. 27	Mountain Lake	Apr. 22	Sept. 28
Cumberland	Mar. 30	Oct. 27	North River Dam	Apr. 19	Oct. 17
Danville	Apr. 1	Oct. 28	Pennington Gap	Apr. 20	Oct. 27
Elkwood	Apr. 14	Sept. 29	Radford	Mar. 31	Oct. 28
Farmville	Mar. 24	Oct. 28	Roanoke	Apr. 2	Sept. 29
Fredericksburg	Apr. 14	Oct. 27	Saltville	Mar. 29	Sept. 29
Haliifax	Apr. 2	Oct. 28	Staunton	Apr. 20	Oct. 27
Kenbridge	Apr. 13	Oct. 27	Timberville	Apr. 14	Sept. 28
Lincoln	Apr. 14	Oct. 28	Winchester	Apr. 14	Sept. 30
Louisa	Apr. 24	Oct. 27	Woodstock	Apr. 14	Sept. 29
Lynchburg	Mar. 30	Oct. 28	Wytheville	Apr. 2	Sept. 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.....	55.9	109	-29	41.92	16.5	104	163	101	101
1891	55.6	106	-8	47.94	.....	95	163	101	102
1892	54.6	106	-8	39.45	.....	103	156	100	109
1893	54.7	104	-26	46.22	23.1	86	166	104	95
1894	56.8	106	-11	35.76	17.0	94	174	103	88
1895	54.4	107	-18	38.23	38.8	83	165	106	97
1896	56.6	105	-10	42.64	12.3	92	171	99	95
1897	56.0	103	-15	39.19	11.8	108	162	101	102
1898	56.6	105	-9	44.71	8.7	98	176	95	94
1899	55.4	106	-29	42.20	36.7	86	181	91	93
1900	57.1	107	-8	39.52	18.6	100	167	94	104
1901	54.5	106	-14	49.99	9.5	95	170	97	98
1902	55.6	108	0	40.67	14.9	101	167	94	104
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	-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	103	-13	45.15	24.8	110	145	107	113
1923	56.1	103	-1	40.90	10.3	104	169	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	180	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	166	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
1942	56.4	106	-14	48.59	16.6	115	164	94	107

Climatological Data for the Year 1942

Stations	Counties	Elevation, feet	Temperature, degrees Fahrenheit						Precipitation						Sky						
			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 rainy days	Number of clear days	Number of partly cloudy days	Number of cloudy days	Prevailing direction of wind	
<i>Tidewater Virginia</i>																					
Cape Henry	Princess Anne	16	69	59.9	99	July 14	12	Jan. 11	69	39.22	7.04	Sept.	0.45	June	9.0	124	123	134	108	sw.	
Capron	Southampton	100	3	.....	102	July 19	-3	Jan. 11	46	49.66	8.95	Aug.	0.80	May	.....	85	223	20	122	ne.	
Cheriton	Northampton	11	6	60.5	102	July 20	7	Jan. 9	26	42.29	6.48	Sept.	0.43	Apr.	12.0	104	108	103	358	nw.	
Dahlgren	King George	18	23	57.6	99	July 19	9	Dec. 21	23	39.95	5.64	Aug.	0.67	Apr.	8.9	126	235	66	84	sw.	
Diamond Springs	Princess Anne	25	34	61.6	104	Aug. 3	6	Jan. 11	12	43.22	6.94	Aug.	0.79	Apr.	9.2	100	235	66	84	sw.	
Emporia	Greensville	80	10	59.7	105	July 18	-2	Jan. 11	10	44.78	9.83	Aug.	0.95	Apr.	8.8	82	231	46	88	sw.	
Holland	Nansemond	40	51	60.4	103	July 18	-2	Jan. 11	55	43.57	8.45	June	0.68	Apr.	14.5	104	97	157	111	sw.	
Hopewell	Prince George	80	10	59.7	105	July 18	-2	Jan. 11	10	44.78	9.83	Aug.	0.95	Apr.	8.8	82	231	46	88	sw.	
Langley Field	Elizabeth City	9	58	59.9	101	July 18	5	Jan. 8	106	39.14	7.17	Aug.	0.53	Apr.	5.0	120	125	105	135	nw.	
Norfolk	Norfolk	11	72	61.3	104	July 18	11	Dec. 21	72	47.60	15.61	Aug.	0.73	Apr.	10.1	114	116	109	140	sw.	
Onley	Accomac	40	24	59.6	100	July 20	0	Jan. 9	25	44.76	9.33	Aug.	0.75	Apr.	15.5	100	186	136	43	se.	
Richmond	Henrico	162	63	58.9	100	July 20	2	Jan. 11	71	41.18	7.38	Oct.	0.52	Apr.	12.5	113	134	104	127	sw.	
Saluda	Middlesex	107	18	57.9	101	July 20	-10	Jan. 11	19	46.36	8.87	Aug.	1.05	Apr.	10.0	96	227	36	102	s.	
Walkerton	King and Queen	35	9	58.4	103	July 19	-10	Jan. 11	10	49.17	8.41	Aug.	0.55	Apr.	12.8	134	155	123	87	sw.	
Wallaceton	Norfolk	25	12	58.5	106	July 20	-4	Jan. 12	17	42.66	7.47	Aug.	0.55	Apr.	14.0	97	181	110	74	sw.	
Warsaw	Richmond	143	12	58.5	106	July 20	-4	Jan. 12	17	40.95	6.96	Aug.	0.46	Apr.	12.5	101	182	62	121	n.	
Williamsburg	James City	70	48	59.4	102	July 18	-3	Dec. 21	42	44.72	11.10	Aug.	0.70	Apr.	9.5	.....	.....	.....	.....	.....	
<b>Means and extremes.</b>																					
<i>Middle Virginia</i>																					
Bedford	Bedford	950	3	57.4	101	Aug. 2	-3	Dec. 21	29	56.92	13.80	Aug.	0.59	Apr.	13.6	127	159	132	74	nw.	
Callville	Brunswick	250	48	59.1	101	June 21	-6	Dec. 21	48	47.66	9.19	Aug.	0.81	Apr.	7.2	87	185	113	67	e.	
Charlottesville (near)	Albemarle	854	50	56.6	103	July 18	2	Jan. 8	67	57.64	15.24	Aug.	0.57	Apr.	12.7	115	124	122	119	nw.	
Chatham	Pittsylvania	852	20	57.6	102	Aug. 2	0	Jan. 11	21	51.88	12.62	Aug.	0.72	Apr.	4.1	103	138	60	167	w.	
Clarendon	Arlington	225	25	58.4	103	Aug. 2	0	Jan. 11	18	53.94	10.13	Aug.	0.51	Apr.	20.7	113	127	60	118	s.	
Clarksville	Mecklenburg	286	24	59.7	104	Aug. 2	.....	.....	52	45.80	7.63	Aug.	0.73	Apr.	1.5	96	123	142	100	sw.	
Columbia	Fluvanna	220	41	58.4	102	July 18	-7	Jan. 11	45	46.28	9.53	Aug.	0.37	Apr.	7.5	105	183	62	120	ne.	
Crozet	Albemarle	750	1	57.4	103	July 18	-5	Jan. 8	1	55.67	10.84	Aug.	0.56	Apr.	12.5	102	212	56	97	w.	
Culpeper	Culpeper	475	34	57.1	104	July 18	-6	Dec. 21	35	54.25	8.76	Oct.	0.71	Apr.	12.7	110	241	63	61	s.	
Danville	Pittsylvania	564	26	59.8	102	July 18	-4	Jan. 11	52	50.55	9.31	Aug.	0.48	Apr.	7.0	125	132	105	128	sw.	
Eikwood	Culpeper	250	2	55.2	100	July 18	-14	Jan. 11	2	51.54	11.30	Oct.	0.59	Apr.	9.8	122	232	62	71	w.	
Farmville	Prince Edward	450	21	57.7	100	June 21	-11	Jan. 11	23	46.70	8.93	Aug.	0.43	Apr.	6.6	122	175	71	119	sw.	
Fredericksburg (near)	Stafford	75	49	56.4	99	July 19	-7	Jan. 11	51	57.31	14.44	Oct.	0.61	Apr.	15.7	129	180	106	79	n.	
Halifax	Halifax	425	.....	.....	.....	.....	.....	.....	12	56.14	10.52	Aug.	0.68	Apr.	5.4	122	166	88	111	w.	
Kenbridge	Lunenburg	500	11	58.9	100	July 18	-1	Jan. 11	11	44.53	6.88	July	0.93	Apr.	.....	.....	.....	.....	.....	.....	
Lincoln	Loudoun	41	51	56.2	102	July 19	-7	Jan. 8	27	48.96	9.21	Oct.	1.05	Apr.	22.0	111	135	86	110	s.	
Louisburg	Louisburg	437	27	55.7	102	July 18	-7	Jan. 9	27	51.19	8.32	July	0.81	Apr.	9.1	124	165	129	71	s.	
Lynchburg	Campbell	631	71	58.6	101	Aug. 2	6	Dec. 21	71	51.99	10.36	Aug.	0.79	Apr.	8.0	128	134	93	138	nw.	
Manassas (near)	Prince William	176	.....	.....	.....	.....	.....	.....	26	51.56	11.40	Aug.	0.30	Apr.	10.1	118	162	87	116	sw.	
Martinsville	Henry	1,014	5	58.3	100	July 18	3	Jan. 11	12	50.26	7.80	May	0.90	Apr.	16.3	129	200	108	57	w.	
Mount Weather	Loudoun	1,725	38	50.5	94	July 19	-5	Jan. 9	39	59.66	14.71	Oct.	1.58	Jan.	30.0	100	51	119	195	w.	
New Canton	Buckingham	300	47	56.8	99	July 18	-12	Jan. 11	49	48.80	9.60	Aug.	0.35	Apr.	11.0	121	174	106	85	sw.	
Orange	Orange	514	.....	.....	.....	.....	.....	.....	31	51.89	11.51	Aug.	0.60	Apr.	9.5	96	212	76	77	sw.	
Pinnacles	Patrick	2,820	.....	.....	.....	.....	.....	.....	9	70.78	14.53	Aug.	0.61	Apr.	35.0	116	170	86	109	nw.	
Powhatan	Powhatan	890	.....	.....	.....	.....	.....	.....	20	42.43	6.83	Aug.	0.71	Apr.	.....	.....	.....	.....	.....	.....	
Quantico	Prince William	22	42	56.4	99	July 19	-2	Jan. 11	38	49.52	9.79	Aug.	0.40	Apr.	8.0	116	90	159	116	w.	
Randolph	Charlotte	334	.....	.....	.....	.....	.....	.....	38	50.23	9.94	Aug.	0.59	Apr.	7.6	95	249	17	99	sw.	
Rocky Mount	Franklin	1,132	46	56.4	99	July 18	1	Dec. 22	49	48.60	7.67	Aug.	0.94	Apr.	16.4	112	147	60	158	sw.	
Stuart	Patrick	1,500	20	57.1	97	July 18	3	Jan. 11	20	57.54	9.16	June	0.89	Apr.	17.2	117	130	118	118	sw.	
Washington, D. C.	.....	72	72	57.2	99	July 19	4	Dec. 21	72	52.03	9.49	Aug.	0.54	Apr.	19.1	117	130	118	118	nw.	
<b>Means and extremes.</b>																					
<i>The Great Valley</i>																					
Afton	Nelson	1,750	.....	.....	.....	.....	.....	.....	12	55.44	12.56	Oct.	0.63	Apr.	18.6	123	115	177	83	105	w.
Balcony Falls	Rockbridge	725	.....	.....	.....	.....	.....	.....	12	32.98	9.85	May	0.33	Apr.	7.2	115	177	83	105	w.	
Big Meadows	Madison	3,500	8	.....	.....	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Blacksburg	Montgomery	2,100	51	53.6	98	July 17	-4	Dec. 21	51	39.68	6.46	May	0.64	Apr.	17.3	117	149	96	120	w.	
Buchanan	Botetourt	875	25	56.9	100	Aug. 2	-2	Dec. 21	42	53.11	9.92	June	0.40	Apr.	16.0	115	138	147	80	w.	
Burkes Garden	Tazewell	3,250	46	50.2	89	July 17	-12	Jan. 11	48	48.05	7.04	June	0.71	Apr.	63.4	140	170	97	98	w.	
Catawba Sanatorium	Roanoke	2,100	32	53.8	94	July 17	1	Jan. 8	32	49.14	8.92	May	0.80	Apr.	19.7	122	176	106	83	nw.	
Clifton Forge	Alleghany	1,055	.....	.....	.....	.....	.....	.....	19	60.80	10.41	Aug.	0.51	Apr.	14.3	114	144	123	98	w.	
Clinchport	Scott	1,300	.....	.....	.....	.....	.....	.....	45	52.64	7.51	Aug.	0.51	Apr.	22.9	119	.....	.....	.....	.....	
Dale Enterprise	Rockingham	1,350	61	53.9	100	July 18	-10	Dec. 21	63	42.05	7.55	Aug.	0.67	Apr.	19.2	111	145	108	112	s.	
Damascus	Washington	1,928	.....	.....	.....	.....	.....	.....	16	47.87	7.45	Aug.	0.73	Apr.	29.7	142	120	114	131	sw.	
Dante	Russell	2,000	25	53.4	90	Apr. 30	-4	Jan. 11	26	52.74	8.40	July	0.89	Apr.	31.7	141	117	129	119	sw.	
Dearfield	Augusta	1,506	.....	.....	.....	.....	.....	.....	16	49.98	10.55	June	0.63	Apr.	23.5	102	193	128	44	sw.	
Emory	Washington	2,112	.....	.....	.....	.....	.....	.....	16	45.10	7.89	Aug.	.....	.....	.....	.....	.....	.....	.....	.....	
Floyd	Giles	2,600	10	50.4	92	Aug. 2	-5	Jan. 10	10	65.14	13.49	Aug.	0.60	Apr.	15.5	99	218	85	112	w.	
Glen Lyn	Giles	1,624	11	54.7	97	Sept. 9	-5	Jan. 11	29	38.63	5.78	Aug.	0.38	Apr.	19.4	132					

Monthly and Annual Precipitation for the Year 1942 with Departures from the Normal

Table with columns for Stations, months (January-December), and Annual. Rows are categorized by region: Tidewater, Middle Virginia, Great Valley, and State. Each station entry includes precipitation and departure values for each month and the annual total.

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. †Not used in Sums and Means.

Monthly and Annual Mean Temperatures for the Year 1942 with Departures from the Normal

Table with columns for Stations, months (January-December), and Annual. Each month has two sub-columns: Temperature and Departure. Rows include Tidewater, Middle Virginia, and Great Valley regions with various stations like Cape Henry, Bedford, Blacksburg, etc.

For explanation of reference marks, see page 50. §Not used in Sums and Means.

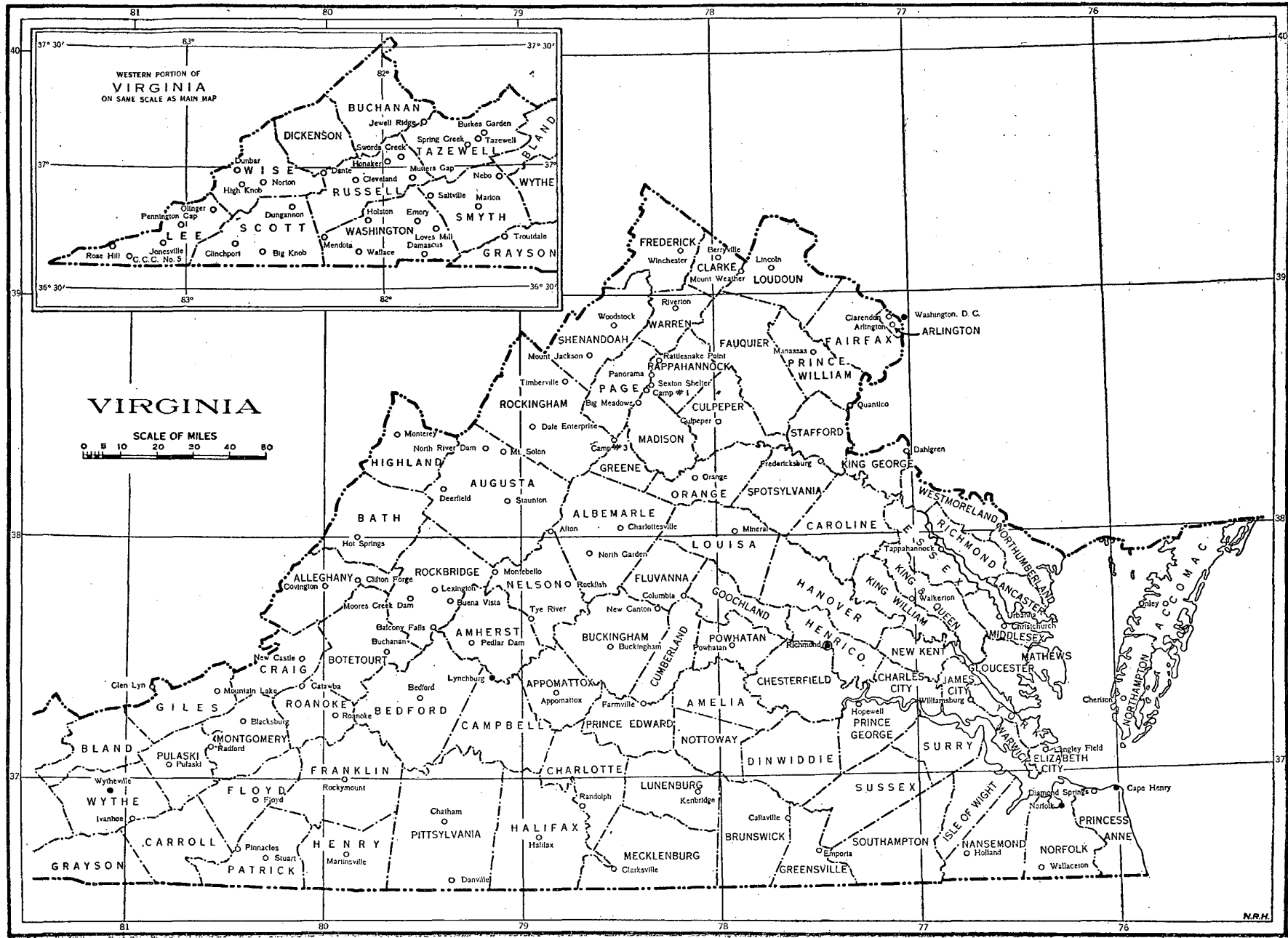
ERRATA

DECEMBER, 1942.—Mean temperature for the state, published 36.5° —1.6°, should read 35.2° —2.9°, and the average temperature for the period 38.1°.

Supplemental Table of Monthly and Annual Precipitation for the Year 1942

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	5	3.08	2.08	3.10	0.41	5.95	3.80	3.42	10.93	5.14	6.23	1.96	3.92	50.02
Assateague Beach	Accomac	Atlantic	10	3	2.51	0.94	5.43	0.64	1.18	1.75	2.89	11.34	3.00	4.85	0.83	2.31	86.67
Augusta Springs	Augusta	North	1,700	3	1.33	2.16	2.71	0.45	8.35	9.12	3.47	7.62	2.54	6.49	1.75	4.10	50.11
Bacon	Fairfax	Potomac	380	1	2.11	1.46	4.38	0.54	3.38	4.17	.....	.....	4.41	8.25	1.02	3.17	.....
Big Knob	Scott	Tennessee	3,200	8	2.05	2.07	3.68	0.37	4.49	2.97	2.62	4.62	2.63	3.03	1.40	5.90	35.83
Blackstone	Nottoway	Nottoway	.....	.....	3.52	1.34	4.31	0.85	2.00	4.51	.....	4.78	3.09	5.66	.....	2.75	.....
Bremo Bluff	Fluvanna	James	225	3	2.59	1.75	4.25	0.36	2.98	3.92	6.21	9.20	3.77	5.06	1.67	3.62	45.38
Buckingham	Buckingham	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.35	0.39	3.31	.....
Buena Vista	Rockbridge	do	835	6	1.47	1.41	2.55	0.30	7.32	4.11	3.33	8.05	5.47	6.82	1.91	3.05	45.79
Camp F-26 (Norton)	Wise	Tennessee	.....	1	3.64	2.34	6.89	0.72	6.50	.....	.....	.....	.....	.....	.....	.....	.....
Camp NP-15 (Bedford)	Bedford	James	1,075	.....	2.10	.....	2.14	0.49	8.46	7.18	4.06	.....	.....	.....	.....	.....	.....
Churchville	Augusta	Shenandoah	1,475	2	1.63	1.56	2.70	0.66	6.31	6.15	3.17	7.72	3.19	6.84	1.77	3.75	45.45
Cleveland	Russell	Tennessee	1,525	7	2.11	1.80	3.91	0.45	5.08	4.46	5.86	14.42	2.44	3.95	2.88	5.95	53.31
Cootes Store	Rockingham	Shenandoah	1,050	1	1.00	1.19	2.11	0.97	7.09	3.35	2.76	6.90	3.54	4.97	1.33	2.01	41.82
Copper Hill	Floyd	Roanoke	.....	2	1.30	1.12	3.03	0.44	8.66	4.71	4.91	7.67	4.19	3.83	1.55	2.94	44.35
Covington	Allegheny	Jackson	1,245	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.53	1.64	3.21	.....
Davenport	Buchanan	Ohio	1,600	2	2.14	1.22	4.20	0.42	4.31	4.67	9.72	8.12	2.73	4.32	1.81	4.74	48.40
Delaplane	Fauquier	Potomac	455	2	2.04	1.71	4.62	0.70	5.81	5.81	5.00	5.87	4.10	11.24	1.83	.....	.....
Dunbar	Wise	Tennessee	2,000	8	2.31	2.41	5.95	0.32	5.76	5.54	6.91	10.10	3.14	3.26	2.73	6.87	55.80
Dungannon	Scott	do	2,500	8	2.21	2.53	4.51	0.50	5.39	4.29	8.78	11.23	3.47	2.88	2.40	6.75	54.94
Earlsville	Albemarle	James	.....	2	2.28	1.63	3.34	0.55	5.78	3.66	3.27	8.77	5.53	9.10	.....	.....	.....
Foraker	Dickenson	Tennessee	1,982	2	2.41	1.53	5.66	0.17	4.72	4.70	8.15	6.22	2.84	6.63	1.47	3.19	47.69
Galax	Grayson	New	.....	2	1.90	2.17	3.88	0.76	7.29	6.03	4.79	4.28	7.12	2.43	1.70	4.06	45.91
Glade Spring	Washington	Tennessee	.....	1	1.66	1.93	3.34	0.45	5.38	4.06	5.45	6.54	3.47	3.80	1.58	4.60	42.26
Gordonsville	Orange	James	442	2	2.85	1.37	5.55	1.20	2.42	4.67	5.63	9.91	3.57	6.33	1.74	4.46	49.70
Goshen	Rockbridge	North	1,300	3	1.96	2.22	1.74	0.82	8.18	4.73	2.24	7.32	3.18	6.27	1.30	2.88	42.84
Grundy	Buchanan	Ohio	.....	.....	.....	.....	.....	.....	3.76	8.52	5.06	4.02	3.99	3.26	2.19	7.09	.....
Harrisonburg	Rockingham	Shenandoah	1,338	2	1.29	.....	1.58	.....	6.60	2.63	.....	.....	.....	.....	.....	.....	.....
Haysi	Dickenson	Ohio	.....	2	1.95	1.03	4.56	0.27	4.06	7.12	10.58	5.69	3.28	2.80	2.58	5.60	49.52
High Knob	Wise	Tennessee	4,150	8	2.94	2.01	6.53	0.74	7.06	9.86	11.02	12.18	2.67	3.55	3.04	6.40	68.04
Hillsville	Carroll	New	2,570	1	2.02	1.86	3.77	0.57	6.94	8.45	4.15	4.36	7.20	2.99	2.16	3.73	48.23
Hog Island	Northampton	Atlantic	10	3	2.36	1.54	5.23	0.35	1.20	2.22	2.18	4.08	3.34	5.29	0.39	2.79	30.77
Holston	Washington	Tennessee	3,450	8	2.51	1.85	4.19	0.30	5.98	5.98	7.08	5.01	3.37	3.79	2.53	4.57	47.16
Honaker	Russell	do	2,400	8	1.76	1.69	4.12	0.42	4.33	5.17	6.19	5.02	2.49	3.72	2.72	2.20	42.68
Hurley	Buchanan	Ohio	.....	2	2.02	1.56	3.78	0.57	3.00	8.77	8.42	4.00	3.83	6.07	2.06	1.64	50.22
Independence	Grayson	New	.....	2	1.75	2.01	3.64	0.79	6.79	5.89	3.52	5.26	6.42	1.11	1.31	3.60	43.09
Indian Valley	Floyd	do	.....	2	2.20	1.76	3.42	0.55	5.02	4.53	3.02	3.98	5.08	3.05	1.91	3.64	38.16
Jonesville	Lee	Tennessee	1,400	8	3.46	2.96	6.16	0.73	4.28	5.85	8.52	8.54	4.16	2.71	2.30	3.91	53.58
Jordan Mines	Alleghany	James	1,350	2	2.13	1.58	2.69	0.46	6.88	7.53	2.79	6.49	4.07	3.19	1.53	3.22	42.56
Kerrs Creek	Rockbridge	North	1,400	3	0.49	1.69	2.51	0.48	8.99	3.52	2.55	11.42	4.49	5.18	2.00	3.88	47.20
Lee Exp. Forest	Buckingham	James	500	1	2.32	1.77	3.32	0.48	5.27	6.87	3.75	.....	.....	.....	.....	.....	.....
Loves Mill	Washington	Tennessee	2,040	8	2.45	1.62	3.33	0.74	5.32	5.67	5.99	8.13	4.71	3.77	2.74	5.57	50.04
Lynchburg (Airport)	Campbell	James	929	6	2.96	1.58	3.29	0.47	6.12	4.90	2.27	7.10	4.36	.....	.....	2.88	.....
Lynchburg (CPS-29)	Augusta	Shenandoah	1,650	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.43	11.25	1.97	4.39	.....
Manion	Fairfax	Potomac	450	1	1.88	1.44	4.12	0.51	3.67	4.83	4.91	6.82	3.06	7.78	.....	3.18	.....
Marion	Smyth	Tennessee	2,150	8	1.47	1.66	2.60	0.66	6.15	6.70	4.39	7.44	4.43	2.81	2.41	3.37	44.09
Mc Clung	Bath	James	1	1	2.19	2.11	.....	.....	8.93	8.61	1.95	7.98	4.23	4.05	2.42	3.85	.....
Mc Dowell	Highland	do	2,050	3	1.60	2.65	2.95	0.60	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mc Gayheysville	Rockingham	Shenandoah	1,050	2	1.29	1.03	2.33	0.50	5.74	3.11	2.43	7.55	4.24	11.94	1.26	2.37	44.59
Montebello	Nelson	James	2,500	6	2.21	2.34	3.64	0.60	14.95	9.77	3.00	10.68	5.08	10.19	2.35	4.30	69.21
Montebello (Fish Nursery)	Nelson	do	.....	.....	3.24	2.86	.....	0.37	18.20	11.73	1.70	8.20	.....	10.78	2.13	5.24	.....
Mount Jackson	Shenandoah	Shenandoah	.....	6	1.38	1.19	3.11	1.20	5.11	3.48	1.42	12.05	2.77	7.39	1.62	2.88	43.60
Mt. Jackson (Hydro. Sta.)	Shenandoah	do	900	2	0.80	0.80	2.74	1.04	5.17	2.00	2.34	8.17	3.47	7.51	.....	.....	.....
Mount Solon	Augusta	do	1,400	6	1.57	1.61	3.59	1.09	5.63	5.25	2.71	9.54	4.14	7.78	1.99	3.31	48.21
Mutters Gap	Russell	Tennessee	3,920	8	2.08	2.31	4.49	0.61	6.37	6.60	6.27	7.71	4.86	3.32	3.21	5.45	54.48
Nebo	Smyth	do	2,425	8	1.44	1.42	3.26	0.31	2.57	6.28	3.46	5.14	2.60	12.54	3.27	5.14	37.43
Newcastle	Craig	James	1,300	6	2.09	1.53	2.67	0.38	7.85	6.29	1.65	9.71	4.66	4.71	1.74	3.47	46.75
North Garden	Albemarle	do	700	5	2.64	2.55	4.47	0.59	5.41	6.15	2.77	13.85	4.93	9.36	1.55	4.52	57.25
Olinger	Lee	Tennessee	1,400	6	3.31	2.36	5.98	0.53	6.14	6.15	5.55	8.35	3.80	3.01	2.51	6.85	54.54
Pedlar Dam	Amherst	James	860	9	2.43	2.33	3.30	0.43	10.26	4.85	3.36	13.13	4.77	7.87	2.15	5.09	60.07
Pilot	Montgomery	New	1,193	2	1.58	1.18	3.85	0.54	6.06	5.38	2.44	5.86	3.70	2.87	1.17	4.84	39.47
Princess Anne	Princess Anne	Atlantic	10	3	1.78	1.84	5.14	0.66	3.20	0.68	1.84	4.99	3.22	2.71	0.98	4.30	29.34
Pulaski	Pulaski	New	1,904	2	1.73	1.49	2.77	0.64	5.61	3.15	2.89	6.01	4.78	2.40	1.56	3.76	36.73
Pulaski (Airport)	Pulaski	do	.....	.....	1.50	1.45	2.79	.....	.....	2.61	3.56	3.67	5.19	3.22	1.68	3.47	.....
Richmond (U. S. Air Base)	Henrico	James	160	6	3.59	1.11	5.31	0.78	1.11	4.75	3.52	6.61	3.71	6.74	1.31	3.04	41.58
Roanoke (Airways)	Roanoke	Roanoke	907	5	1.50	1.22	2.38	0.37	6.43	5.40	3.00	9.11	5.08	3.85	2.01	3.46	43.81
Rockfish	Nelson	James	500	6	3.53	1.89	3.85	0.64	7.13	7.09	3.24	13.26	4.47	10.50	1.73	5.59	62.92
Skyland	Page	Shenandoah	3,500	2	2.02	1.48	5.22	0.80	9.88	4.56	4.29	7.88	.....	20.63	2.25	3.39	.....
Slate (Dwight)	Buchanan	Ohio	.....	2	1.92												

CHART SHOWING LOCATION OF OBSERVATION STATIONS



(WBO, Richmond, Va.—8-10-43-1,250)

Climatological Data: VIRGINIA SECTION

YEAR 1942