

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

38

VIRGINIA SECTION

F. N. HIBBARD

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VOL. LIV RICHMOND, VA., SEPTEMBER 1944 No. 9

GENERAL SUMMARY

September 1944 weather in Virginia was about normal in temperature, and much wetter than normal in precipitation. Barometric pressures averaged .05 inch below the usual figure; and sunshine, about 6% above.

Nearly all monthly temperature averages were close to normal, with readings over the eastern third and over a triangle from Wythe and Pittsylvania to Augusta County being slightly warmer than usual. The warm first and third weeks were offset by the rather cool second and fourth. No state or station records were broken.

Precipitation was an inch greater than any former September record, a hurricane on the 14th swelling the totals along the Eastern Shore, and a wet east wind on the 18th and 19th making record downpours in the southern and central Piedmont and Mountain sections. Seventeen Weather Bureau stations, in addition to a number of others, recorded more than ten inches of rain in the month, and several approximately this amount in 36 hours. September rainfall records were broken at Afton, Balcony Falls, Bedford, Big Meadows, Buchanan, Charlottesville, Chatham, Clarksville, Crozet, Culpeper, Danville, Elkwood, Farmville, Floyd, Halifax, Kenbridge, Lynchburg, New Canton, Randolph, Roanoke, Rockymount, and Stuart.

The heavy rains replenished the subsoil moisture and revived pastures to excellent condition, but retarded harvesting. However, most of the corn and tobacco had been cut and the picking of apples had made fair progress. Snap beans and limas and small kale and spinach were lost in the hurricane and most of the other Eastern Shore crops were badly damaged at the same time. Flood waters in other counties a few days later added to the crop losses in the state.

Tremors of the Ontario earthquakes were felt as far south as Richmond the early morning of the 6th, where beds were shaken, pictures rocked askew, and some small objects on mantels jarred out of position.

Hurricane damage on the 14th amounted to \$1,500,000 to crops, and to about \$1,000,000 to other property, practically all limited to Eastern Shore counties. Many houses and barns were demolished in the Chincoteague-Atlantic area; and in the more densely populated Norfolk area, windows, small boats, mechanical structures and trees were hard hit. Several persons offshore were drowned. Winds in this storm reached an extreme clocked velocity of 134 miles per hour at Cape Henry.

Floods in the Roanoke basin on the 18th-22d, entailed an approximate loss of \$200,000 to crops; and in the James River basin, including tributaries, crop loss amounted to \$375,000; and tangible property loss, including railway washouts, amounted to about \$200,000. In addition, twenty five to thirty highway bridges were washed out, and the highway and bridge loss approximated \$450,000. Two lives were lost in careless traveling through small-stream floodwaters.

TEMPERATURE

The average temperature and the departure from the normal for the three divisions, and for the State as a whole, were as follows: Tidewater Virginia, 72.9° , $+1.7^{\circ}$; Middle Virginia, 69.3° , $+0.2^{\circ}$; Great Valley, 65.4° , -0.2° ; State, 68.6° , 0.0° . The highest recorded was 100° , on the 3d, at Buchanan, Botetourt County, and on the 4th, at Diamond Springs, Princess Anne County; the lowest, 32° , on the 9th, at Burkes Garden, Tazewell County.

PRECIPITATION

The average precipitation, in inches and hundredths, for the three divisions, and for the State as a whole, and the departures from the normal, were as follows: Tidewater Virginia, 5.94, $+2.51$; Middle Virginia, 10.17, $+6.98$; Great Valley, 6.78, $+3.77$; State, 7.84, $+4.69$. The greatest monthly amount, 19.45 inches at Randolph, Charlotte County; the least, 1.85 inches, at Glen Lyn, Giles County.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fogs, heavy	1	1	3		1	1	1		2	2	2		1	1	2	1	6	5		1	1	1	2	1	1	1	3				
Frost killing																															
Gales	1								1		10									1	1								2		
Hail	1																														
Halos, lunar																															
Halos, solar																															
Sheet																															
Thunderstorms	7	2	1	2	1				5	12	3					2	1	12	23	3							2				

PRESSURE, HUMIDITY, SUNSHINE, WIND, DEGREE DAYS

Stations	Sea-level pressure, extremes-inches			Wind			Mean relative humidity	Percentage of sunshine	Degree days				
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity							
Cape Henry	30.32	24	28.86	14	11.4	85	nw.	14	83	67	79	55	1
Lynchburg	30.39	17	29.64	14	7.8	25	s.	1	85	57	69	52	37
Norfolk	30.34	17	29.07	14	9.0	36	nw.	14	84	63	78	58	10
Richmond	30.34	17	29.48	14	7.0	25	nw.	14	88	62	75	53	16
Washington	30.42	17	29.50	14	6.1	35	w.	21	84	58	72	47	24

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Average number of days
	Mean	Highest	Lowest	Average	With 0 in precipita-tion	
1891	70.2	100	42	1.84	0.0	6
1892	65.7	90	36	3.14	0.0	6
1893	66.4	95	32	5.29	0.0	9
1894	70.3	101	36	4.38	0.0	12
1895	72.4	107	25	0.84	0.0	20
1896	67.9	99	26	5.02	0.0	8
1897	65.2	101	26	1.01	0.0	2
1898	70.3	99	34	3.15	0.0	4
1899	66.7	100	22	3.64	0.0	7
1900	73.1	104	37	3.78	0.0	8
1901	67.0	95	31	3.62	0.0	5
1902	66.5	95	28	3.64	0.0	14
1903	66.8	95	25	2.03	0.0	20
1904	68.4	96	28	2.32	0.0	5
1905	68.5	93	33	2.69	0.0	18
1906	71.6	95	41	2.24	0.0	8
1907	69.2	94	30	5.65	0.0	10
1908	66.1	93	25	2.64	0.0	19
1909	65.8	90	27	2.71	0.0	14
1910	69.4	101	32	2.07	0.0	13
1911	71.2	95	35	2.04	0.0	11
1912	70.3	100	26	5.30	0.0	5
1913	66.5	98	29	3.25	0.0	15
1914	65.6	100	28	1.65	0.0	6
1915	69.9	97	33	2.50	0.0	16
1916	66.3	100	26	2.88	0.0	18
1917	64.1	96	27	3.12	0.0	12
1918	63.4	94	26	3.98	0.0	7
1919	68.8	98	27	1.18	0.0	19
1920	68.9	96	32	3.21	0.0	8
1921	74.1	104	46	2.80	0.0	8
1922	69.3	98	31	1.23	0.0	2
1923	68.7	93	35	3.98	0.0	8
1924	64.0	100	27	6.82	0.0	11
1925	73.4	102	35	1.70	0.0	6
1926	70.5	96	37	2.64	0.0	8
1927	69.2	102	27	1.78	0.0	5
1928	64.3	95	27	6.86	0.0	10
1929	68.7	98	26	2.63	0.0	7
1930	74.2	102	32	1.35	0.0	6
1931	72.8	101	30	2.47	0.0	19
1932	69.2	108	33	2.01	0.0	7
1933	73.0	98	37	1.80	0.0	6
1934	70.0	93	36	6.83	0.0	11
1935	67.0	93	27	5.48	0.0	7
1936	70.5	98	35	3.30	0.0	12
1937	64.9	98	27	2.84	0.0	7
1938	67.5	95	35	3.99	0.0	10
1939	70.4	101	33	1.16	0.0	4
1940	65.3	96	27	1.57	0.0	4
1941	71.1	101	31	1.36	0.0	4
1942	68.7	98	23	4.39	0.0	9
1943	65.9	100	25	2.32	T.	6
1944	68.6	100	32	7.84	0.0	11
Period	68.6	108	22	3.15	T.	7
						15
						8
						7

Climatological Data for September 1944

STATIONS	COUNTIES	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.			Precipitation, in inches			Number of days			Prevailing direction of wind	OBSERVERS					
				Mean	Departure from the normal	Highest Date	Lowest Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmeted)	With precip., 0.01 in. or more	Clear	Partly Cloudy	Cloudy			
Tidewater Virginia																			
Cap Henry.....	Princess Anne.....	16	71	74.0	+2.2	91	1	55	26	6.12	+3.26	3.01	14-15	0.0	9	5	14	11	ne.
Capron, 3 miles W.....	Southampton.....	100	5	72.6	-	98	t3	44	25	6.25	-	3.15	29-30	0.0	9	10	9	11	ne.
Cheriton.....	Northampton.....	11	8	75.2	-	94	4	50	27	5.53	+1.19	2.55	13-14	0.0	9	15	5	10	nw.
Dahlgren (Prov. grds.).....	King George.....	18	26	74.0	+1.4	100	4	50	26	9.34	+5.63	5.49	14-15	0.0	8	15	5	10	ne.
Diamond Springs II.....	Princess Anne.....	25	36	74.0	-	100	4	48	26	7.63	+4.03	3.63	29-30	0.0	10	11	9	10	w.
Emporia, 1 mile WNW.....	Greensville.....	80	14	74.0	-	98	4	45	26	6.29	+2.48	2.40	29	0.0	9	17	1	12	ne.
Holland, 1 mile E.....	Nansemond.....	80	12	72.4	-1.0	97	4	43	26	4.02	+0.63	1.01	30	0.0	9	5	6	19	nw.
Hopewell.....	Prince George.....	40	57	73.7	+1.9	95	t3	48	26	3.99	+1.98	1.98	29	0.0	11	5	14	11	ne.
Langley Field.....	Elizabeth City.....	9	108	73.5	+1.6	98	4	53	26	6.76	+3.99	2.40	29	0.0	10	11	9	10	ne.
Norfolk.....	Norfolk.....	11	74	74.0	+2.4	95	4	56	26	9.61	+6.38	4.36	14-15	0.0	12	6	9	15	ne.
Onley, 1 mile S.....	Accomac.....	40	27	72.3	+1.9	92	4	45	26	3.93	+0.82	2.06	14-15	0.0	10	12	15	3	ne.
Richmond	Henrico.....	162	73	71.8	+1.3	98	3	51	26	3.74	+0.49	1.23	12-13	0.0	12	7	10	13	ue.
Saluda.....	Middlesex.....	107	20	71.2	0.0	94	4	45	26	5.08	+1.70	1.98	1-2	0.0	11	10	9	11	ne.
Walkerton.....	King and Queen.....	35	12	71.4	+1.7	93	t3	46	9	6.94	+3.30	3.23	1-2	0.0	10	12	7	11	ne.
Wallacetton, 3 miles W.....	Norfolk.....	25	19	72.2	+3.3	95	4	47	t10	3.51	+0.75	1.10	18	0.0	9	12	2	16	ne.
Warsaw.....	Richmond.....	143	88	72.2	+1.2	97	4	43	26	4.51	+1.27	1.36	29-30	0.0	10	14	8	8	ne.
Williamsburg, 2 mi NW.....	James City.....	70	44	72.1	+1.2	97	4	43	26	4.51	+1.27	1.36	29-30	0.0	10	14	8	8	Va. Agricultural Ex. Sta.
Means and extremes.....				72.9	+1.7	100	4	43	26	5.94	+2.51	5.49	14-15	0.0	10	11	8	11	ne.
Middle Virginia.....																			
Bedford.....	Bedford.....	950	31	70.0	+0.9	97	3	40	9	10.65	+7.51	4.35	17-18	0.0	12	7	16	7	e.
Callaway.....	Brunswick.....	250	50	71.5	+1.1	96	3	45	9	6.84	+3.27	2.92	29	0.0	9	13	10	7	n. n.
Charlottesville, 2 mi W.....	Albermarle.....	854	69	68.8	-0.8	92	t2	48	24	16.96	+13.74	8.00	18	0.0	13	11	9	11	w.
Chatham, 4 miles N.....	Pittsylvania.....	852	28	70.6	+0.2	95	3	42	9	19.03	+15.61	8.45	18-19	0.0	12	11	7	12	ne.
Clarendon.....	Arlington.....	225	20	70.2	-0.2	92	t2	48	9	10.37	+2.28	7.29	30	0.0	12	11	7	11	ne.
Clarksville.....	McKinleyburg.....	286	54	70.2	-0.2	92	t2	48	9	10.37	+2.28	7.29	30	0.0	12	11	7	11	ne.
Columbia.....	Fluvanna.....	220	47	68.7	-0.2	91	3	43	9	8.93	+5.96	2.23	18-19	0.0	12	13	8	9	ne.
Crozet, 2 miles N.....	Albemarle.....	750	3	69.0	-	94	11	45	11	16.01	-	6.75	18	0.0	9	8	8	14	w.
Culpeper.....	Culpeper.....	475	38	69.6	+1.5	94	4	45	9	11.04	+7.80	2.83	18	0.0	11	20	2	8	s.
Danville, 2 miles S.....	Pittsylvania.....	564	54	71.9	-0.4	97	t2	45	9	9.88	+6.72	2.28	28-29	0.0	11	6	16	8	ne.
Elkwood, 7 miles S.....	Culpeper.....	250	4	67.8	-	92	3	40	9	9.04	-	2.48	13	0.0	11	17	5	8	w.
Farmville.....	Prince Edward.....	450	25	69.7	-0.5	95	3	40	9	9.82	+7.09	2.75	13	0.0	8	14	5	11	sw.
Fredericksburg, 4 mi SW.....	Spotsylvania.....	75	53	69.4	+0.1	92	3	47	9	6.08	+2.92	1.38	12-13	0.0	14	13	10	7	n. w.
Halifax.....	Halifax.....	425	14	69.0	-	95	-	-	15.26	+12.62	5.40	19	0.0	11	9	11	10	w.	
Kenbridge, 1 mile SE.....	Lunenburg.....	500	13	69.8	-0.6	95	3	45	9	9.72	+7.19	3.00	29	0.0	9	12	2	11	s.
Lincoln I.....	Loudoun.....	500	44	70.0	+1.3	93	t2	48	9	5.50	+2.86	1.55	13	0.0	13	17	6	11	sw.
Louisa.....	Louisa.....	437	29	69.2	+1.1	92	t2	44	9	6.13	+3.06	1.30	19	0.0	12	10	12	10	sw.
Lynchburg.....	Campbell.....	631	73	69.2	+0.2	94	3	49	24	10.85	+7.84	5.70	17-18	0.0	12	5	12	13	ne.
Manassas, 4 miles S.....	Prince William.....	176	28	69.0	-	96	2	46	9	6.98	+4.40	3.52	13	0.0	13	10	7	13	ne.
Martinsville.....	Henry.....	1,014	14	69.8	-	96	2	46	9	9.43	+7.19	3.11	18-19	0.0	13	10	8	10	w.
Mount Weather II.....	Loudoun.....	1,725	41	68.3	-0.8	86	2	45	9	6.32	+3.10	1.25	18-19	0.0	12	3	11	16	sw.
New Canton.....	Buckingham.....	300	51	68.4	-0.5	90	t2	48	9	12.02	+8.99	5.63	13	0.0	9	13	7	10	sw.
Orange 1 mile SW.....	Orange.....	514	38	-	-	-	-	-	10.52	+7.26	2.96	13	0.0	11	12	7	11	sw.	
Pinnacles (USMC) 1 mi S.....	Patrick.....	2,320	11	-	-	-	-	-	9.00	-	-	2.84	17-18	0.0	9	14	7	9	n. w.
Quantico (USMC) 1 mi S.....	Prince William.....	22	40	70.4	+1.6	94	t3	49	9	6.17	+3.17	5.58	13	0.0	13	6	18	11	w.
Randolph.....	Charlotte.....	334	40	-	-	-	-	-	19.45	+16.69	8.88	18-19	0.0	10	16	2	12	ne.	
Rocky mount.....	Franklin.....	1,132	51	67.5	-1.2	94	4	38	9	12.59	+8.97	2.97	18-19	0.0	11	13	6	11	sw.
Stuart.....	Patrick.....	1,500	22	69.2	-0.6	93	3	43	9	9.24	+5.35	2.26	18	0.0	9	8	12	10	sw.
Washington, D. C.		72	74	70.5	+2.4	92	4	53	26	5.77	+2.53	2.52	12-13	0.0	12	10	7	13	w. U. S. Weather Bureau
Means and extremes.....				69.3	+0.2	97	t2	38	9	10.17	+6.98	8.88	18-19	0.0	11	11	9	10	w.
The Great Valley.....																			
Afton, 1 mile E.....	Nelson.....	1,250	14	-	-	-	-	-	13.07	+10.10	8.87	18-19	0.0	7	-	-	-	-	
Balcony Falls II.....	Rockbridge.....	725	14	-	-	-	-	-	12.94	+10.57	6.20	18-19	0.0	13	5	3	12	w.	
Big Meadows.....	Madison.....	9,500	9	59.7	-	88	3	38	25	9.08	-	3.08	18	0.0	11	8	10	12	w.
Blacksburg.....	Montgomery.....	2,100	53	65.6	+0.7	88	28	38	9	5.27	+2.06	1.78	29-30	0.0	13	10	13	7	w.
Buchanan.....	Botetourt.....	875	44	68.9	-0.8	100	3	39	9	11.31	+8.16	5.20	18-19	0.0	11	14	8	8	w.
Tazewell.....	Roanoke.....	2,350	50	61.8	+1.2	82	t3	32	9	5.11	+1.69	2.18	29	0.0	13	9	8	8	ne.
Burkes Garden.....	Roanoke.....	2,100	84	65.6	-1.2	90	3	44	9	6.83	+3.37	2.23	19	0.0	13	8	13	9	ne.
Catawba Sanatorium.....	Clifton Forge.....	1,055	21	-	-	-	-	-	5.55	+2.79	2.25	19-20	0.0	13	8	15	7	w.	
Clifford Forge.....	Scott.....	1,300	47	-	-	-	-	-	5.44	+2.09	2.65	29	0.0	10	10	10	10	s.	
Dale Enterprise.....	Rockingham.....	1,350	65	65.8	-1.0	91	3	41	9	5.15	+2.59	2.30	18	0.0	10	10	10	10	s.
Damascus.....	Washington.....	1,928	18	-	-	-	-	-	6.07	+2.87	1.97	28-29	0.0	11	9	13	8	w.	
Dante.....	Russell.....	2,000	28	65.8	-1.4	87	5	40	9	4.47	+4.49	2.58	29	0.0	8	11	13	6	w.
Deerfield.....	Augusta.....	1,600	18	-	-	-	-	-	5.24	+2.52	2.74	19-20	0.0	11	18	5	7	w.	
Emory.....	Washington.....	2,112	20	65.6	-0.8	87	t2	40	9	6.22	+3.54	2.80	29	0.0	7	8	19	9	s.
Floyd.....	Giles.....	2,600	12	66.8	+2.0	86	t1	38	9	12.17	+8.53	5.85	18	0.0	8	15	4	11	e.
Glen Lyn.....	Bath.....	1,524	31	65.0	-2.6	90	2	39	9	1.85	-0.73	.47	29	0.0	13	4	7	19	s.
Hot Springs.....	Wythe.....	2,195	53	62.2	-0.5	85	3	38	9	4.52	+1.41	1.30	18-19	0.0	14	9	9	12	sw.
Ivanhoe.....	Wythe.....	2,100	38	-	-	-	-	-	7.66	+4.82	2.05	29	0.0	12	18	1	11	s.	
Lexington.....	Rockbridge.....	1,060	7																

Daily Precipitation for September 1944

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ¹ First-order Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight, unless otherwise indicated. ² Precipitation is measured in the morning; amount then recorded is for the preceding 24 hours. ³ Precipitation is from midnight to midnight. ⁴ Precipitation measured with recording gage. ⁵ Precipitation included in the following measurement. T. Trace, or precipitation less than 0.005 inch. Italic Data interpolated. Exact locations of stations are published on the opposite page.

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Daily Temperatures for September 1944

Stations	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Tidewater Virginia																																
Cape Henry*	91	89	88	88	88	84	87	73	74	77	73	84	83	81	82	79	77	74	79	80	88	79	74	70	72	72	78	84	73	69	79.7	
Capron*	72	76	72	74	74	72	69	59	68	65	71	73	70	71	70	72	72	71	69	69	73	64	63	63	55	58	62	67	62	68.4		
Cheriton	93	95	98	98	94	95	90	70	82	84	69	84	90	88	88	87	80	79	84	86	88	88	82	70	75	72	80	85	70	70	83.6	
Dahlgren*	73	73	70	67	74	71	70	64	55	60	54	68	72	69	72	64	64	64	70	69	63	65	52	44	48	51	59	66	63	61	61.7	
Diamond Springs	96	96	93	100	90	94	87	80	74	75	71	84	90	82	84	81	77	76	78	80	92	85	75	70	70	76	83	90	81	68	82.6	
Holland	71	75	68	70	73	70	70	67	57	56	63	67	72	68	68	67	65	70	69	68	70	59	60	59	50	54	60	66	61	55	65.5	
Hopewell	92	95	95	97	94	92	90	79	89	77	72	82	91	87	85	80	80	78	86	88	89	83	71	68	72	77	78	79	69	69	83.3	
Langley Field*	92	91	92	95	89	91	85	73	73	71	82	89	83	84	80	79	79	77	80	88	80	80	79	70	68	75	77	85	76	68	84.3	
Norfolk*	93	92	93	95	90	90	90	88	79	73	72	82	89	83	84	79	76	77	80	89	79	79	71	67	67	75	77	85	72	68	80.4	
Onley	89	90	92	91	90	87	82	77	82	75	82	86	84	85	82	83	77	83	84	83	83	79	73	70	74	80	89	78	74	82.0		
Richmond*	72	71	64	66	67	60	51	48	61	63	70	70	68	62	68	68	67	52	54	46	43	49	57	65	58	61	64	61	61.4			
Saluda	89	92	90	94	92	93	89	86	81	80	76	73	82	85	86	83	80	75	80	85	87	82	72	66	69	76	85	83	71	62	83.4	
Walkerton	69	63	64	66	67	61	63	61	49	56	61	64	69	72	65	68	63	65	63	58	56	49	45	45	54	64	59	60	64	60.4		
Warsaw	89	92	93	95	93	92	91	90	87	82	75	82	86	84	85	82	83	77	83	84	83	79	73	70	74	80	89	78	74	82.6		
Williamsburg	72	70	67	68	71	62	66	53	52	47	54	55	65	72	66	67	66	64	63	64	53	51	47	55	62	56	61	57	61.5			
Bedford	93	92	97	92	94	93	84	84	80	78	75	70	73	84	84	85	83	75	82	83	83	78	66	72	78	82	83	76	67	82.0		
Callaville	92	94	96	95	92	92	91	88	75	78	70	79	84	84	85	82	76	77	83	85	82	75	69	69	75	80	85	76	68	81.6		
Charlottesville	70	68	63	65	72	58	55	57	45	48	61	61	72	67	65	59	54	65	67	66	60	52	53	50	47	64	63	66	61	61.4		
Chatham*	90	92	95	91	90	81	81	71	73	74	73	82	82	85	80	79	79	84	87	84	81	71	72	77	82	83	72	67	81.3			
Clarksville*	69	69	68	65	72	64	61	57	42	46	54	61	67	66	67	58	53	65	66	65	62	64	50	57	63	63	54	59	58.8			
Clarksville	90	92	92	92	88	89	85	75	79	76	70	77	83	85	84	83	79	78	82	83	81	73	64	71	77	81	84	70	67	80.4		
Columbia	71	65	65	65	60	63	58	48	49	60	62	62	68	63	57	57	65	68	64	62	68	53	54	49	50	56	60	60	60	59.8		
Culpeper	68	68	63	62	67	57	59	50	43	46	52	61	63	69	59	55	52	68	67	65	61	51	47	51	60	64	56	50	58.2			
Danville	92	97	97	96	91	94	89	80	82	76	75	70	85	86	85	81	78	70	85	87	83	81	74	63	73	77	84	75	68	82.4		
Farmville	73	71	68	70	65	63	62	45	50	56	56	68	71	59	56	67	69	67	64	62	65	51	50	54	61	56	61	61	61.4			
Fredericksburg	90	91	90	88	88	83	72	76	77	73	72	77	82	81	81	76	76	76	84	87	82	75	79	85	75	75	79.2					
Lincoln	67	60	62	64	68	58	64	50	45	49	51	60	66	69	59	55	68	60	65	69	60	50	52	61	62	56	58	57	58.7			
Louisa	90	92	92	92	90	89	85	73	76	76	70	77	83	85	84	83	79	78	82	83	81	74	63	73	77	84	75	68	80.1			
Lynchburg*	91	94	90	91	90	92	84	79	75	69	71	71	80	81	86	84	82	82	79	82	85	77	81	82	75	67	67	67	78.3			
Martinsville	68	68	70	66	71	62	60	52	40	43	51	69	70	60	50	51	69	67	65	62	58	52	49	48	50	54	65	54	54	58.7		
Mount Weather*	92	96	95	94	90	87	82	73	78	73	71	80	81	85	80	77	77	83	85	85	75	75	75	75	78	78	71	62	79.8			
New Canton	57	60	62	62	58	54	58	48	45	47	50	52	54	57	60	62	57	56	50	54	50	50	51	49	53	55	55	54	56.3			
Quantico*	87	90	90	88	88	87	83	72	76	77	71	77	80	87	85	82	82	82	85	87	84	81	73	75	77	82	84	75	70	80.2		
Rocky Mount*	90	92	91	94	92	88	83	81	75	76	69	72	74	81	82	80	78	78	85	87	82	79	71	61	61	54	59	53	59.3			
Stuart	87	92	93	91	87	86	84	74	73	75	70	81	81	87	81	78	77	80	84	87	84	74	64	71	75	80	81	75	65	78.4		
Washington, D. C.*	90	92	91	92	90	87	86	71	76	71	70	87	86	84	83	79	79	84	82	83	82	74	65	66	65	64	64	64	64	64.4		
The Great Valley	73	72	68	70	70	65	59	56	53	55	59	63	70	72	66	63	60	60	60	65	53	54	58	64	60	54	53	53	58.7			
Blacksburg	85	86	87	86	82	85	79	73	76	74	70	65	75	79	78	70	79	79	83	87	82	77	77	78	77	78	74	75	77.2			
Buchanan	62	62	57	56	55	55	50	46	36	41	48	56	61	62	50	45	41	45	46	45	44	42	45	45	45	45	45	45	44.0			
Burke's Garden	94	98	100	93	93	92	86	79	83	81	75	68	73	86	81	84	81	76	85	80	89	80	75	76	74	74	74	74	74	81.9		
Catawba Sanatorium*	65	66	63	65	62	55	55	55	57	54	56	59	63	65	65	65	60	59	58	57	56	50	49	51	52	53	54	55	55.9			
Dale Enterprise	83	90	91	88	85	82	81	75	73	71	67	70	74	80	78	72	79	78	77	82	81	73	75	76	77	78	77	74	75.3			
Dante	82	84	85	85	87	82	70	72	75	80	78	79	77	78	76	78	78	77	78	79	75	76	76	77	78	77	78	77	77.8			
Floyd	86	86	85	85	84	84	75	70	73	79	71	67	70	75	77	78	79	70	75	78	85	73	75	76	77	78	78	76	76.7			
Glen Lyn*	88	90	88	93	84	84	74	76	80	77	72	81	75	78	72	82	83	78	75	82	86	74	73	75	75	76	75	75	75	78.1		
Hot Springs*	81	84	85	82	81	80	70	73	75	67	71	69	73	72	74	65	77	75	78	79	76	63	60	63	60	64	60	64	60	75.9		
Lexington	91	95	95	90	89	87	80	77	79	77	76	70	75	78	70	80	85	75	70	88	85	74	77	78	71</td							