

CLIMATOLOGICAL DATA

38

VIRGINIA SECTION

S. S. SCHWORM

VOL. LV

RICHMOND, VA., YEAR 1945

No. 13

GENERAL SUMMARY

Temperatures in Virginia in 1945 averaged 0.5° above the 55 year mean, and the annual precipitation showed an excess of 5.28 inches. The number of clear days was approximately normal but there were fewer partly cloudy and more cloudy days than usual. Only two years, 1906 and 1937, had more days with precipitation. The annual snowfall was slightly subnormal.

January, May, August, and December were noticeably colder than normal; February, March, April, September, and November were above normal. March was only 0.1° cooler than the extremely hot March of 1921 which continues the highest of record.

It was the seventh wettest year in a 55 year record. The rainfall for July, 1945 was greater than any other July, and September was exceeded only by that of 1944. March, August, and October were somewhat drier than usual.

From an agricultural viewpoint the year was only fair. The warm weather in March caused fruit to bloom unusually early and the frosts and freezes in early April destroyed 80 to 85 percent of the apples, peaches, and pears. Small grains did well although some damage occurred during the torrential rains in July. Corn made an excellent crop. Tobacco did well, but peanuts and cotton were only fair. As a whole truck crops were fair to good although canning tomatoes were heavily damaged by the July rains. Hay crops were remarkably good but considerable difficulty was encountered in curing and storing the hay because of frequent rains and scarcity of labor.

On June 2d a severe hail storm in Alexandria and vicinity broke more than 4500 windows and damaged practically every roof. The total damage was estimated to exceed \$100,000. All small streams in the eastern half of the State were put out of their banks by the tremendous rains of July 14-18th and the resulting damage to crops, highways, bridges, railroads, and dams amounted to more than \$1,500,000. Three persons lost their lives in Richmond when a flood-weakened bridge over Gilles Creek collapsed with a loaded bus. On July 5th lightning struck a huge cannery at Cheriton and caused over \$1,000,00 damage. Scattered hail and electric storms during July caused other damage amounting to \$35,000. Hail and windstorms in Clarke and Frederick counties on August 30th entailed losses to crops and property estimated at \$115,000. A tropical storm passed through Virginia on September 18th. Wind damage was negligible but heavy rains caused minor floods in most of the State and severe floods in a few small streams in the south-central counties. The total damage was estimated at \$40,000.

In December highway traffic was hampered by frequent and rather heavy snowfall with some sleet and glaze to further aggravate the hazardous conditions.

S.B.T.

MONTHLY STATE DATA 1945

Month	Temperature				Precipitation				Number of days			
	Mean	Departure from normal	Highest	Lowest	Average	Departure from normal	Greatest 24-hour	Average snow-fall	With 0.01 in. or more of precip.	Clear	Partly cloudy	Cloudy
January	33.3	-3.1	66	-2	2.42	-0.82	2.00	3.1	10	11	7	13
February	39.5	+2.2	81	-4	3.54	+0.46	2.36	1.4	10	12	5	11
March	55.8	+10.0	93	17	1.77	-1.90	1.70	0.1	8	15	8	8
April	58.3	+3.7	92	15	3.01	-0.28	2.45	T.	10	13	8	9
May	61.3	-3.0	92	26	4.28	+0.59	4.00	T.	12	14	9	8
June	72.1	+0.2	105	28	3.53	-0.63	5.31	0.0	9	15	9	6
July	74.6	-0.8	103	41	8.71	+4.01	5.72	0.0	14	9	12	10
August	73.1	-1.0	98	33	3.04	-1.39	3.02	0.0	8	16	9	6
September	71.5	+2.9	98	40	7.37	+4.15	5.14	0.0	12	11	9	10
October	56.6	-0.8	92	21	1.42	-1.56	2.91	0.0	6	20	5	6
November	48.5	+1.9	84	9	3.43	+0.99	2.74	0.3	9	13	6	11
December	32.2	-5.7	66	-2	4.73	+1.65	2.28	8.7	12	10	6	15

KILLING FROSTS 1945

Stations	Last in spring	First in autumn	Stations	Last in spring	First in autumn
<i>Tidewater Virginia</i>			Charlottesville	Apr. 7	Nov. 5
Assateague Beach	Feb. 20	Nov. 24	Chatham	Apr. 7	Oct. 14
Cape Henry	Feb. 20	Nov. 24	Cheriton	May 2	Oct. 4
Capron	May 2	Oct. 16	Clarksville	Apr. 8	Oct. 16
Cheriton	Apr. 7	Nov. 24	Columbia	Apr. 7	Oct. 14
Dahlgren	Apr. 7	Nov. 5	Crozet	May 2	Nov. 5
Diamond Springs	Feb. 20	Nov. 16	Culpeper	May 2	Nov. 5
Driver	Feb. 21	Nov. 16	Danville	Apr. 7	Oct. 16
Emporia	Apr. 7	Nov. 5	Elkwood	May 5	Oct. 4
Hog Island	Feb. 21	Nov. 21	Farmville	Apr. 7	Oct. 16
Holland	Apr. 7	Oct. 16	Fredericksburg	May 2	Oct. 27
Hopewell	Apr. 7	Nov. 24	Gordonsville	June 6	Oct. 14
Langley Field	Mar. 9	Nov. 24	Halifax	Apr. 7	Oct. 12
New Church	May 2	Oct. 4	Lawrenceville	Apr. 7	Oct. 12
Norfolk	Feb. 20	Nov. 24	Leesburg	May 2	Oct. 4
Onley	Apr. 7	Oct. 16	Lincoln	May 2	Oct. 4
Petersburg	Apr. 7	Oct. 15	Louisia	May 2	Oct. 14
Princess Anne	Apr. 7	Oct. 16	Lynchburg	Apr. 7	Nov. 5
Richmond	Apr. 7	Nov. 5	Manassas	May 2	Oct. 15
Saluda	Apr. 8	Oct. 16	Martinsville	Apr. 7	Nov. 5
Smithfield	May 2	Nov. 16	Mount Weather	May 2	Oct. 12
Suffolk	Oct. 16	Nov. 16	New Canton	May 2	Oct. 16
Surry	Apr. 7	Oct. 15	Orange	May 2	Oct. 4
Urbanna	Apr. 7	Oct. 16	Pinnacles	May 11	Oct. 10
Walkerton	May 2	Oct. 16	Quantico	May 2	Nov. 5
Wallaceton	Mar. 14	Nov. 16	Rocky Mount	Apr. 7	Oct. 14
Warsaw	May 2	Nov. 5	State Farm	Apr. 7	Nov. 5
Williamsburg	May 2	Oct. 16	Stuart	Apr. 7	Oct. 14
<i>Middle Virginia</i>			Vienna	May 2	Nov. 5
Bedford	Apr. 8	Oct. 14	Waterford	Mar. 11	Oct. 10
Blackstone	Apr. 7	Oct. 11	Washington, D. C.	Mar. 5	Nov. 5

(Killing Frost Data Continued on Page 52)

COMPARATIVE ANNUAL DATA FOR THE STATE

Year	Mean temperature	Highest	Lowest	Average precipitation	Average snow-fall	No. of days 0.01 in. or more of precipitation	No. of clear days	No. of partly cloudy days	No. of cloudy days
1891	55.6	106	-8	47.94	95	163	101	102	102
1892	54.6	104	-26	46.22	23.1	103	156	100	109
1893	54.7	104	-11	35.76	17.0	88	166	104	95
1894	56.8	106	-18	38.23	38.8	94	174	103	88
1895	54.4	107	-10	42.64	12.3	93	163	106	97
1896	56.6	105	-15	39.19	11.8	92	171	99	95
1897	56.0	103	-9	44.71	8.7	108	162	101	102
1898	56.6	105	-29	42.20	36.7	98	176	95	94
1899	55.4	106	-8	39.52	15.6	86	181	91	93
1900	57.1	110	-14	49.99	8.4	95	167	94	104
1901	54.5	106	0	40.67	14.9	95	170	97	98
1902	55.6	108	-13	44.09	8.4	95	172	89	104
1903	54.9	105	-14	36.11	24.9	95	170	101	95
1904	53.7	100	-15	43.27	18.5	111	155	112	98
1905	54.9	98	-2	50.03	15.2	124	143	120	102
1906	56.2	102	-2	44.41	17.4	115	159	115	91
1907	54.5	97	-20	46.17	30.0	111	162	108	96
1908	56.5	102	-5	38.02	12.9	101	171	104	90
1909	54.8	102	-9	41.37	20.3	112	151	116	98
1910	54.8	104	0	41.00	9.2	115	149	110	106
1911	56.8	104	-25	40.88	24.6	103	165	106	95
1912	54.9	100	-3	42.33	4.0	100	178	98	89
1913	57.2	102	-17	36.66	39.8	101	168	100	97
1914	55.1	103	-5	40.03	13.5	97	160	116	89
1915	55.6	101	-11	38.94	18.6	103	165	106	95
1916	55.6	102	-27	40.11	23.7	114	158	107	100
1917	53.3	103	-22	43.48	24.7	105	159	97	109
1918	55.5	108	-16	41.65	7.4	102	161	99	105
1919	56.8	103	-9	45.91	7.1	106	162	89	115
1920	54.8	99	-12	34.94	13.8	97	161	102	102
1921	58.4	100	-13	45.15	24.8	110	145	107	113
1922	56.9	104	-1	40.90	10.3	104	168	96	101
1923	56.1	103	-12	47.34	12.8	105	165	90	111
1924	54.4	107	-14	32.53	9.5	98	160	99	106
1925	56.6	103	-6	41.41	16.5	112	157	97	111
1926	55.5	107	-7	41.64	10.4	113	148	103	114
1927	56.5	104	-5	43.07	9.2	110	151	112	103
1928	55.7	103	-8	46.31	16.7	115	155	97	113
1929	56.2	99	-13	24.99	23.4	86	165	99	101
1930	56.9	109	-2	38.00	3.7	105	163	106	96
1931	57.8	104	-9	44.68	13.1	102	169	90	107
1932	57.5	104	-16	39.46	8.2	105	163	101	101
1933	57.7	103	-16	45.73	21.6	113	157	104	104
1934	56.2	107	-16	46.68	21.9	113	150	103	112
1935	55.4	101	-17	45.30	25.1	108	169	95	102
1936	56.0	109	-3	58.20	14.7	126	155	99	111
1937	55.7	102	-3	42.21	9.1	113	169	89	107
1938	57.0	101	-1	41.26	15.9	106	176	91	98
1939	57.2	101	-20	44.59	22.7	112	159	96	111
1940	54.3	105	-2	30.81	10.7	86	190	93	82
1941	56.8	102	-4	48.59	12.6	115	164	94	107
1942	56.4	106	-8	35.92	16.9	100	180	96	89
1943	56.2	104	-2	44.94	12.3	107	165	97	104
1944	56.0	106	-4	47.25	13.6	120	159	93	113
1945	56.4	105	-29	41.97	16.7	104	163	101	101
NORMALS OR EXTREMES	55.9	110	-29	41.97	16.7	104	163	101	101

Climatological Data for the Year 1945

Stations	Counties	Elevation, feet	Temperature, degrees Fahrenheit						Precipitation						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 rainy days	Number of clear days	Number of partly cloudy days	Number of cloudy days	
Tidewater Virginia																				
Cape Henry	Princess Anne	16	72	60.4	98	July 1	20	Feb. 1	72	48.91	12.64	July	1.34	Oct.	3.8	132	115	125	125	s.
Capron, 3 miles west	Southampton	100	6	58.9	108	July 1	12	Feb. 1†	6	45.56	8.41	July	1.40	Mar.	4.7	114	170	74	121	nw.
Cheriton	Northampton	11	9	60.6	97	June 14†	19	Feb. 1	9	54.64	12.15	July	1.07	Mar.	2.0	95	200	42	123	se.
Dahlgren, (Prov. grds.)	King George	18	26	56.8	96	July 1	14	Jan. 25†	26	48.93	15.51	July	0.45	Aug.	7.3	127	80	104	181	nw.
Diamond Springs††	Princess Anne	25	37	62.1	102	July 1	17	Feb. 1	37	55.67	12.90	July	1.41	Oct.	5.2	118	136	117	112	ne.
Emporia, 1 mile WNW	Greensville	80							15	52.78	11.61	July	1.40	Mar.	8.0	125	203	86	76	w.
Holland, 1 mile east	Nansemond	80	13	60.1	100	June 30	13	Feb. 4	13	53.65	11.10	July	1.12	Mar.	4.5	97	230	27	108	n.
Hopewell	Prince George	40	54	60.3	98	July 2	16	Feb. 2†	58	45.43	10.59	July	0.54	June	4.7	112	100	83	182	s.
Langley Field	Elizabeth City	9	61	60.3	98	July 2	16	Feb. 1	109	48.40	12.52	July	1.25	Mar.	1.6	124	102	121	142	n.
Norfolk	Norfolk	11	75	61.2	100	June 30	17	Feb. 1	75	53.85	12.92	July	1.30	Mar.	3.2	139	97	121	147	sw.
Onley, 1 mile south	Accomac	40	27	59.1	96	June 17	12	Dec. 17	28	61.23	13.79	July	1.17	Mar.	8.5	111	195	180	40	se.
Richmond	Henrico	162	66	59.0	101	July 1	13	Feb. 1	74	51.72	16.08	July	1.06	Oct.	8.7	133	116	104	145	sw.
Saluda	Middlesex	107	21	57.9	100	June 30†	7	Dec. 17	22	64.65	14.45	July	1.19	Oct.	4.8	121	162	70	133	sw.
Walkerton	King and Queen	35	12	58.4	102	June 30	5	Dec. 24	18	55.68	17.52	July	1.39	Mar.	11.4	129	143	89	133	sw.
Wallaceton, 3 miles west	Norfolk	25							20	56.53	12.34	July	1.45	Mar.	5.0	133	164	106	95	sw.
Warsaw	Richmond	143	15	59.2	101	July 1	7	Dec. 18	15	52.13	20.21	July	0.84	Mar.	8.5	112	170	74	121	s.
Williamsburg, 2 mi. NW	James City	100	51	58.8	99	June 30	9	Feb. 2†	45	57.78	14.11	July	1.17	Oct.	7.0	113	196	70	99	sw.
Means and extremes				59.6	103	July 1	5	Dec. 24		53.40	20.21	July	0.45	Aug.	5.8	120	152	91	122	sw.
Middle Virginia																				
Bedford	Bedford	950	18	57.7	100	June 30	9	Dec. 22	32	42.53	7.44	Sept.	1.33	Oct.	10.7	120	156	128	81	sw.
Blackstone	Nottoway	436	1	58.8					1	51.52										
Charlottesville, 2 mi. W	Albemarle	870	53	57.2	102	June 30	13	Feb. 1	70	42.91	8.28	July	0.74	Aug.	12.8	113	132	84	149	ne.
Chatham, 4 miles north	Pittsylvania	852	23	58.4	103	June 30	10	Dec. 20	24	45.77	8.97	Sept.	1.16	June	9.3	125	120	124	121	sw.
Clarendon	Arlington	225							21	49.29	9.20	July	1.25	Mar.	21.5	134	171	75	119	nw.
Clarksburg	Mecklenburg	286	27	59.0	104	June 30	12	Dec. 2	55	46.10	8.46	Sept.	1.28	Mar.		118	195	36	134	sw.
Columbia	Fluvanna	220	44	57.0	101	June 30†	4	Dec. 17	48	50.35	10.06	July	0.85	Oct.	9.4	132	201	45	119	ne.
Crozet, 2 miles north	Albemarle	750	4	57.3	100	June 29†	11	Feb. 1†	4	47.52	8.91	Sept.	0.82	Oct.	16.0	102	154	89	122	sw.
Culpeper	Culpeper	475	37	56.8	99	June 30†	2	Dec. 21	39	46.38	8.22	July	0.71	Mar.	20.3	115	251	45	69	s.
Danville, 2 miles south	Pittsylvania	564	29	59.4	105	June 30	10	Dec. 17	55	49.58	10.10	Sept.	0.66	June	5.0	126	106	159	100	s.
Elkwood, 7 miles south	Culpeper	250	5	55.1	99	June 30	-1	Dec. 24	5	49.33	10.44	July	0.92	Mar.	15.8	122	229	57	79	s.
Farmville	Prince Edward	450	24	58.2	101	June 30	8	Dec. 22	26	45.85	9.59	Sept.	1.12	Aug.	5.0	124	189	59	117	sw.
Fredericksburg, 4 mi. SW	Spottsylvania	75	52	56.4	103	June 30	4	Dec. 20	54	54.18	16.20	July	1.06	Mar.	16.5	137	162	115	88	sw.
Halifax	Halifax	425							15	46.97	9.99	Sept.	1.56	June	9.7	123	148	94	123	w.
Lawrenceville	Brunswick	240	1	58.8	98	June 30			1	55.47	16.84	July	1.45	May		96	202	110	53	s.
Lincoln II	Loudoun	500	44	56.2	101	June 30	8	Jan. 25	45	49.95	8.73	Sept.	1.11	Oct.	23.6	122	76	85	104	s.
Louisa I	Louisa	437	30	57.1	101	June 30	3	Dec. 24	30	49.38	11.10	July	0.90	Oct.	10.4	122	140	126	99	s.
Lynchburg	Campbell	929	74	57.0	100	June 30	11	Feb. 1†	74	41.35	6.90	Sept.	0.90	Oct.	10.0	136	109	115	141	sw.
Manassas, 4 miles south	Prince William	172							29	54.99	11.72	July	0.59	Mar.	22.4	119	164	83	118	sw.
Martinsville	Henry	1,014	8	58.8	102	June 30	11	Feb. 1	15	50.32	12.82	Sept.	1.58	June	10.7	137	179	128	58	s.
Mount Weather II	Loudoun	1,725	41	50.0	93	June 30	1	Jan. 25†	42	48.24	9.29	Sept.	0.51	Oct.	26.7	94	51	122	192	w.
New Canton	Buckingham	300	50	56.8	98	June 30	4	Dec. 21	52	49.86	11.67	July	0.84	Oct.	10.0	120	166	89	110	sw.
Orange, 1 mile SW	Orange	514							34	49.26	11.68	July	0.82	Oct.	16.3	96	198	87	80	w.
Pinnacles	Patrick	2,820							12	54.45	11.10	Sept.	1.35	Aug.	20.5	104	188	77	105	nw.
Quantico (USMC), 1 mi. S	Prince William	1,100	45	56.5	100	June 30	10	Dec. 17	41	40.93	10.88	July	0.50	Mar.	9.6	123	96	113	156	w.
Randolph	Charlotte	334							41	59.90	13.12	Sept.	1.45	Aug.	8.8	94	215	30	120	sw.
Rocky Mount†	Franklin	1,132	49	56.2	101	June 30	10	Feb. 1	52	49.07	12.25	Sept.	0.75	Mar.	11.6	89	196	106	64	sw.
Stuart	Patrick	1,500	23	58.0					23	58.95	11.73	Sept.	1.64	Oct.						
Washington, D. C.		72	75	57.2	99	June 30	11	Jan. 25	75	45.79	9.99	July	0.84	Mar.	15.3	130	100	113	152	nw.
Means and extremes				57.1	105	June 30	-1	Dec. 24		49.16	16.84	July	0.50	Mar.	18.9	118	163	92	110	sw.
The Great Valley																				
Afton, 1 mile east	Nelson	1,750							15	40.22	10.67	Sept.	0.67	Oct.	14.0	78				s.
Balcony Falls	Rockbridge	725							15	41.23	10.72	Sept.	1.08	Oct.	9.0	129	171	59	135	w.
Big Meadows	Madison	3,420	11	48.4	88	June 29	-2	Jan. 31	11	47.74	9.97	Sept.	1.07	Oct.	32.5	117	129	123	113	nw.
Blacksburg	Montgomery	2,170	54	53.4	92	June 30	4	Feb. 1	54	42.18	6.12	Sept.	1.42	Oct.	13.5	134	167	88	110	w.
Buchanan	Botetourt	875	28	57.3	100	June 30	8	Dec. 22	45	45.75	8.64	Sept.	1.53	Oct.	10.1	109	141	137	87	w.
Burkes Garden	Tazewell	3,250	49	50.5	88	June 30†	0	Feb. 1	51	48.89	7.62	May	1.79	Oct.	34.7	133	203	73	89	w.
Catawba Sanatorium	Roanoke	2,100	35	54.1	93	June 30†	7	Feb. 2	35	42.75	9.65	Sept.	1.26	Aug.	25.2	133	200	46	119	nw.
Clifton Forge	Alleghany	1,055							22	38.13	6.86	July	0.51	Oct.	13.9	125	151	87	127	w.
Clinchport	Scott	1,275							48	50.08	6.07	May	1.96	Oct.	4.2	117				s.
Dale Enterprise	Rockingham	1,350	64	54.1	96	June 29	3	Dec. 24	66	31.95	6.90	Sept.	0.12	Oct.	21.0	100	127	141	97	s.
Damascus	Washington	1,350							19	49.93	8.77	July	2.11	Jan.	20.6	153	139	113	113	sw.
Dante	Russell	1,750	28	54.9	95	Aug. 31	1	Feb. 1†	29	48.94	7.48	July	1.64	Jan.	18.7	110	171	84	110	sw.
Deerfield	Augusta	1,750							19	35.81	5.93	July	0.56	Oct.	18.0	109	195	111	59	sw.
Emory	Washington	2,112	21	53.8	93	Aug. 30	5	Feb. 1†	22	41.98	7.12	June	1.62	Oct.	18.5	81	112	118	135	w.
Floyd	Floyd	2,600	13	54.5	103	June 29	0	Dec. 17	13	45.87	10.90	Sept.	1.58	Mar.	11.6	105	210	68	87	w.
Glen Lyn	Giles	1,524	14	54.5	99	June 23	0	Jan. 12	32	39.33	6.63	Sept.	1.16	Oct.	12.1	152	109	83	173	sw.
Hot Springs	Bath	2,195	52	50.7	89	June 29†	4	Dec. 23	54	39.32	5.86	Sept.	0.77							

Monthly and Annual Precipitation for the Year 1945 with Departures from the Normal

	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
Stations	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	1.88	-1.27	4.61	+1.38	1.57	-2.30	1.83	-1.47	2.84	-0.73	6.87	+2.91	12.64	+7.27	2.79	-2.07	3.53	+0.67	1.84	-1.67	3.61	+1.25	5.40	+1.96	48.91	+5.93
Capron	2.35	-0.50	5.30	+1.40	1.40	-2.30	2.80	-0.73	4.19	-0.73	8.15	+2.91	12.64	+7.27	2.50	-2.07	5.84	+0.67	1.53	-1.67	2.09	+1.25	6.00	+1.96	45.56	+5.93
Cheriton	2.00	-1.81	5.14	+2.19	1.07	-2.49	3.49	-0.27	1.89	-1.28	7.89	+3.68	12.15	+7.07	2.02	-2.99	5.78	+1.44	3.50	+0.71	3.38	+0.54	6.83	+4.14	54.64	+10.93
Dahlgren	2.70	-0.15	2.01	-0.48	0.83	-2.52	2.58	-0.33	3.49	+0.36	5.07	+1.20	15.51	+11.27	0.45	-4.69	6.08	+3.89	2.06	-0.33	2.97	+1.02	5.18	+2.09	48.93	+10.93
Diamond Springs	2.18	-1.36	5.60	+2.26	1.52	-2.10	2.17	-1.10	3.01	-1.14	7.80	+2.69	12.90	+7.36	2.48	-1.80	5.60	+1.89	1.41	-1.53	4.66	+2.30	6.34	+2.19	55.67	+9.66
Emporia	2.08	-1.74	5.27	+1.81	1.40	-2.28	2.46	-0.25	5.46	+1.12	2.48	-1.93	11.61	+6.13	5.13	-1.10	6.25	+2.65	2.06	-0.34	1.90	-1.00	5.68	+2.86	52.78	+5.93
Holland	2.45	-1.45	4.92	+1.38	1.12	-2.73	2.33	-1.88	2.83	-0.27	3.87	-1.13	11.10	+3.84	5.17	-1.43	9.09	+5.28	1.98	-0.26	3.00	+0.36	5.79	+3.37	53.55	+5.58
Hopewell	1.95	-1.05	2.75	-0.26	0.72	-3.18	4.29	+0.89	6.50	+2.83	0.54	-4.28	10.59	+6.27	2.58	-2.10	5.97	+2.58	1.54	-1.12	2.67	+0.55	5.38	+1.86	45.48	+3.01
Langley Field	1.77	-1.20	4.98	+1.64	1.25	-2.32	3.60	+0.62	3.46	+0.07	5.81	+1.54	12.52	+7.44	2.78	-1.75	3.04	+0.27	1.50	-1.20	2.48	+0.35	5.41	+2.36	48.40	+7.82
Norfolk	1.72	-1.88	5.16	+1.94	1.30	-2.47	2.12	-1.11	2.46	-1.17	7.72	+3.50	12.92	+7.17	3.32	-1.90	5.74	+2.51	1.32	-1.72	4.02	+1.86	5.87	+2.53	53.85	+9.76
Onley	3.29	+0.26	4.17	+0.51	1.17	-2.80	3.74	+0.48	3.14	-0.08	7.70	+4.36	13.79	+9.51	2.81	-2.25	4.85	+1.74	4.48	+1.15	5.24	+3.08	6.85	+3.17	61.23	+19.16
Richmond	2.22	-0.99	3.28	+0.11	1.39	-2.29	2.90	-0.59	5.35	+1.56	1.43	-2.47	16.08	+11.35	2.67	-1.75	6.44	+3.19	1.06	-1.82	3.12	+0.91	5.78	+2.49	51.72	+9.70
Saluda	2.83	-0.68	4.17	+0.33	1.22	-2.91	3.01	-0.90	7.14	+3.82	6.32	+2.05	14.45	+8.45	6.59	+2.05	7.80	+4.42	1.19	-2.24	2.03	-0.07	7.90	+4.47	56.55	+18.79
Walterton	2.36	-2.26	4.37	+1.38	1.32	-2.45	3.31	-0.12	4.42	+1.57	2.58	-1.49	17.52	+12.57	1.94	-2.98	5.39	+1.75	1.86	-0.88	3.18	+0.24	7.43	+4.56	55.65	+11.89
Wallaceton, 3 miles west	2.69	-0.91	6.51	+2.63	1.45	-2.80	2.62	-1.54	2.23	-1.59	7.03	+2.13	12.34	+6.16	4.89	-0.55	5.12	+1.08	1.54	-1.43	4.05	+1.15	6.05	+2.01	56.53	+5.34
Warsaw	1.59	-1.47	2.32	-0.96	0.84	-2.94	2.41	-0.91	4.66	+1.31	3.02	-1.70	21.11	+15.65	0.92	-3.69	5.13	+2.37	1.24	-1.85	4.12	+1.58	5.67	+2.58	52.13	+10.50
Williamsburg	2.31	-1.43	4.35	+0.97	1.83	-2.20	3.97	+0.19	4.93	+1.04	5.20	+0.49	14.11	+7.91	4.16	-1.67	5.73	+2.49	1.17	-1.64	2.49	+0.09	7.53	+4.22	57.78	+10.46
Means	2.26	-1.18	4.41	+1.05	1.26	-2.55	2.98	-0.52	4.01	+0.46	4.94	+0.76	13.46	+8.40	3.13	-1.92	5.73	+2.36	1.80	-1.01	3.24	+0.89	6.18	+2.93	53.40	+9.67
Middle Virginia																										
Bedford	2.78	-0.29	3.75	+0.65	2.33	-1.19	3.50	+0.49	3.56	+0.36	2.84	-1.41	4.34	+0.59	1.84	-2.20	7.44	+4.30	1.33	-2.03	3.79	+1.41	5.03	+1.36	42.53	+2.04
Blackstone	2.57	-0.55	3.52	-0.18	1.38	-2.61	3.96	-0.19	6.13	-0.33	1.46	-1.78	15.18	+9.95	0.91	-3.86	6.41	+3.89	2.12	-2.43	3.32	+1.16	5.66	+2.22	42.91	-1.70
Charlottesville, 2 miles W.	2.80	-0.55	3.52	-0.18	1.38	-2.61	3.96	-0.19	6.13	-0.33	1.46	-1.78	15.18	+9.95	0.91	-3.86	6.41	+3.89	2.12	-2.43	3.32	+1.16	5.66	+2.22	42.91	-1.70
Chatham	3.09	-0.39	3.57	+0.39	1.53	-2.22	3.17	-0.18	4.52	+0.72	1.16	-2.61	8.55	+4.82	1.90	-2.25	8.97	+5.55	1.38	-1.54	3.31	+0.67	4.72	+1.25	45.47	+3.72
Clarendon	3.33	+0.15	2.67	+0.09	1.25	-2.16	3.93	+0.42	4.82	+0.27	5.37	+0.66	9.20	+4.65	2.81	-2.04	5.06	+1.89	1.72	-1.33	4.66	+2.37	5.67	+2.43	49.29	+7.40
Clarksville	1.41	-1.88	4.67	+1.30	1.28	-2.38	2.81	-0.59	2.40	-1.47	1.77	-2.46	10.02	+3.82	5.08	+0.45	8.46	+5.38	2.35	-0.46	2.22	+0.01	4.63	+1.28	45.10	+2.85
Columbia	3.02	-0.38	2.59	-0.15	1.36	-2.23	2.98	-0.49	6.60	+2.98	2.23	-1.71	10.06	+5.80	3.61	-0.92	8.96	+5.39	0.85	-2.44	3.14	+0.81	5.55	+2.40	50.95	+9.71
Crozet	2.35	-0.37	2.76	-0.19	1.95	-2.96	2.96	-0.59	5.42	-2.35	2.35	-1.78	7.89	+4.11	2.47	-0.81	8.91	+5.39	0.82	-2.44	3.14	+0.81	5.55	+2.40	50.95	+9.71
Culpeper	2.62	-0.37	2.12	-0.28	0.71	-2.19	3.49	+0.13	5.68	+1.66	3.63	-1.34	8.22	+4.40	4.40	-0.40	6.81	+3.67	0.89	-2.27	3.31	+0.82	5.40	+1.36	46.38	+5.11
Dauville	2.34	-1.03	4.37	+1.18	1.43	-2.29	2.79	-0.59	3.72	+0.14	0.66	-3.88	8.95	+4.76	4.28	-0.16	10.10	+6.99	1.29	-1.13	3.47	+1.71	5.68	+2.10	49.58	+7.83
Elkwood	2.74	-0.30	3.95	+1.14	1.46	-2.60	3.63	+0.36	4.74	+0.87	2.80	-1.78	4.65	+0.46	1.12	-2.91	9.59	+6.66	1.54	-1.74	3.19	+0.85	6.40	+3.24	45.85	+4.97
Farmville	2.84	-0.30	3.95	+1.14	1.46	-2.60	3.63	+0.36	4.74	+0.87	2.80	-1.78	4.65	+0.46	1.12	-2.91	9.59	+6.66	1.54	-1.74	3.19	+0.85	6.40	+3.24	45.85	+4.97
Fredericksburg, 4 miles SW	3.08	-0.26	2.24	-0.48	1.06	-2.52	3.10	-0.40	4.01	-0.27	3.51	-0.70	16.05	+11.84	4.62	-0.36	5.73	+2.57	1.37	-1.84	3.62	+1.51	5.64	+2.50	54.18	+12.13
Halifax	2.20	-1.63	4.90	+1.81	1.94	-2.16	2.91	-0.62	3.72	-0.21	1.56	-3.19	8.14	+2.60	3.10	-1.63	9.39	+7.06	1.84	-0.61	2.29	-0.93	4.38	+1.09	46.97	+1.85
Lawrenceville	2.64	-0.30	3.75	+0.65	2.33	-1.19	3.50	+0.49	3.56	+0.36	2.84	-1.41	4.34	+0.59	1.84	-2.20	7.44	+4.30	1.33	-2.03	3.79	+1.41	5.03	+1.36	42.53	+2.04
Lincoln	2.80	-0.30	3.75	+0.65	2.33	-1.19	3.50	+0.49	3.56	+0.36	2.84	-1.41	4.34	+0.59	1.84	-2.20	7.44	+4.30	1.33	-2.03	3.79	+1.41	5.03	+1.36	42.53	+2.04
Louisa	3.49	+0.87	2.57	-0.07	1.12	-2.26	3.86	+0.72	4.13	-0.31	2.63	-1.51	11.10	+6.70	2.85	-1.65	7.06	+3.99	0.90	-2.38	3.92	+1.66	5.75	+2.67	49.38	+8.55
Lynchburg	2.87	-1.06	2.76	-0.39	1.96	-1.58	3.98	+1.03	3.16	-0.47	2.72	-1.07	6.26	+2.05	3.01	-0.77	6.90	+3.99	0.90	-2.38	3.92	+1.66	5.75	+2.67	49.38	+8.55
Manassas, 4 miles south	2.99	-0.13	2.67	-0.42	0.59	-2.47	3.09	+0.04	4.61	+0.97	4.68	+1.08	11.72	+7.91	6.40	+1.45	7.99	+5.51	2.13	-0.38	3.77	+1.40	4.35	+1.47	50.94	+16.36
Martinsville	2.68	-1.46	4.36	+0.87	1.61	-2.72	3.76	+0.16	3.98	+0.27	1.94	-3.35	12.82	+10.58	2.05	-1.40	4.34	+0.59	1.84	-2.20	3.79	+1.41	5.03	+1.36	42.53	+2.04
Mount Weather	1.24	-1.72	2.35	+0.03	0.76	-2.09	3.02	-0.62	4.79	+0.99	4.24	-0.02	8.42	+4.36	6.09	+1.65	9.29	+6.07	0.51	-3.20	3.46	+1.00	4.47	+1.89	48.24	+8.34
New Canton	3.38	-0.17	2.97	+0.02	1.36	-2.47	3.30	-0.02	5.22	+1.80	1.73	-2.00	11.67	+7.78	1.15	-3.78	8.75	+5.72	0.84	-2.34	3.54	+1.19	5.95	+2.65	49.86	+8.88
Orange	2.08	-0.95	2.17	-0.43	0.85	-2.34	2.59	-0.75	4.65	+0.99	2.57	-2.19	11.67	+7.78	1.15	-3.78	8.75	+5.72	0.84	-2.34	3.54	+1.19	5.95	+2.65	49.86	+8.88
Pinnacles	3.08	-1.51	3.91	+0.51	3.07	-1.30	4.24	+0.04	5.50	+0.81	3.07	-2.75	6.56	+1.23	1.35											

Monthly and Annual Mean Temperatures for the Year 1945 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	36.8	-3.4	42.4	+1.2	57.6	+11.0	60.3	+5.7	64.9	+0.7	75.2	+2.3	78.2	+0.7	76.6	-0.3	76.2	+4.4	63.3	+1.2	54.6	+2.5	38.8	-4.9	60.4	+1.7
Capron	36.2	-4.0	41.6	+0.6	58.2	+10.0	62.0	+5.8	64.6	+0.7	76.2	+1.8	78.2	+0.7	76.6	-0.3	74.2	+4.4	57.2	+0.1	50.1	+2.5	35.0	-5.9	58.9	+0.2
Cheriton	36.8	-3.4	42.4	+1.2	57.6	+11.0	60.3	+5.7	64.9	+0.7	75.2	+2.3	78.2	+0.7	76.6	-0.3	76.2	+4.4	63.3	+1.2	54.6	+2.5	38.8	-4.9	60.4	+1.7
Dahlgren	32.7	-3.8	38.5	+0.8	55.1	+9.5	58.9	+4.9	62.4	-1.2	73.2	+0.1	75.2	-1.7	74.2	-1.0	72.8	+2.9	57.3	-0.6	48.6	+0.9	32.6	-6.4	56.8	+0.4
Diamond Springs	39.0	-4.7	44.2	+0.5	60.5	+10.2	63.6	+5.8	66.6	+0.3	77.4	+3.3	78.9	+1.2	77.3	+0.3	76.8	+4.2	66.0	+3.4	55.8	+3.3	39.0	-5.5	62.1	+1.0
Holland	37.4	-3.5	44.4	+1.1	59.0	+9.5	62.5	+5.2	64.2	-2.7	76.3	+1.1	77.4	-0.2	75.1	-1.8	75.1	+3.7	59.8	-0.6	53.0	+2.3	36.8	-5.4	60.1	+1.9
Hopewell	37.2	-2.7	44.1	+3.3	61.0	+11.9	64.2	+6.7	65.6	-2.1	77.6	+2.3	78.4	-0.6	76.6	-0.7	76.0	+4.2	60.8	+0.9	53.2	+3.6	35.4	-5.6	60.8	+1.7
Langley Field	36.2	-4.3	42.4	+1.4	58.8	+11.0	61.8	+5.8	65.6	-0.4	76.2	+1.9	78.3	-0.1	76.6	-0.8	76.2	+4.3	60.4	-0.9	53.8	+3.4	37.4	-4.8	60.3	+1.4
Norfolk	37.8	-2.8	44.0	+1.3	59.5	+11.3	62.1	+5.3	66.4	+0.2	77.1	+2.7	78.4	-0.3	77.1	-0.3	76.2	+4.6	62.9	+0.4	54.2	+2.8	38.6	-4.5	61.2	+1.7
Onley	36.4	-2.7	41.8	+2.0	57.6	+12.0	61.5	+7.1	64.3	+0.3	75.0	+2.5	77.0	+0.3	74.0	-1.9	73.4	+3.0	59.2	-0.1	52.8	+3.1	36.0	-5.5	59.1	+1.7
Richmond	35.0	-2.9	41.8	+2.2	58.6	+11.4	61.3	+4.7	64.2	-2.3	75.6	+1.5	76.6	-1.9	75.6	-0.9	74.4	+3.9	59.2	-0.4	51.1	+2.8	34.6	-5.2	59.0	+1.1
Saluda	33.6	-6.2	41.2	+0.2	55.7	+8.4	59.7	+4.3	62.3	-2.5	74.0	+0.0	76.0	-1.5	74.2	-2.2	74.2	+3.0	58.4	-1.1	51.6	+1.2	33.8	-7.8	57.9	-0.3
Walkerton	34.4	-2.5	41.2	+4.0	57.3	+10.9	60.7	+5.3	63.0	-3.1	75.0	+0.4	76.2	-1.0	74.6	-1.0	75.1	+5.4	58.1	-0.1	51.4	+3.8	33.6	-5.2	58.4	+1.4
Warsaw	34.3	-2.6	41.9	+5.1	59.0	+12.9	61.7	+7.0	64.4	-0.3	76.0	+3.3	76.1	-0.6	75.8	+0.3	75.1	+6.2	60.2	+2.0	52.4	+5.3	33.4	-4.5	59.2	+2.8
Williamsburg	35.8	-5.6	42.2	+1.4	58.0	+8.9	61.5	+4.8	63.6	-2.6	75.0	+1.4	76.6	-0.8	74.3	-1.9	74.7	+3.8	58.2	-2.2	52.2	+2.5	33.6	-7.6	58.8	+0.2
Means	36.0	-3.7	42.3	+2.1	58.2	+10.7	61.5	+5.5	64.6	-1.2	75.8	+1.8	77.3	-0.5	75.5	-0.9	75.2	+4.1	60.2	+0.1	52.7	+2.9	35.7	-5.8	59.6	+1.3
Middle Virginia																										
Bedford	36.0	+0.8	41.3	+4.2	56.8	+10.8	59.0	+3.9	61.2	-4.2	72.8	-0.4	76.7	+0.2	74.6	-0.2	72.7	+3.6	57.8	+0.2	49.5	+2.5	34.3	-5.0	57.3	+1.3
Blackstone	35.2	-4.6	39.2	+1.8	56.5	+10.1	58.7	+3.0	62.4	-3.5	73.5	+0.7	76.0	-0.7	74.7	-0.4	71.6	+2.0	58.8	+0.1	49.5	+1.5	33.0	-5.2	57.2	+0.4
Charlottesville, 2 miles W.	31.8	-4.2	42.2	+0.6	58.1	+10.4	60.0	+3.9	62.6	-3.1	74.3	+0.2	76.7	-0.7	74.5	-1.2	72.6	+2.2	57.8	-0.2	50.1	+2.1	34.4	-6.8	58.4	+0.5
Chatham	37.6	-1.7	42.2	+0.6	58.1	+10.4	60.0	+3.9	62.6	-3.1	74.3	+0.2	76.7	-0.7	74.5	-1.2	72.6	+2.2	57.8	-0.2	50.1	+2.1	34.4	-6.8	58.4	+0.5
Clarksville	35.6	-1.9	40.4	+0.1	57.1	+8.8	61.3	+4.8	63.8	-2.3	76.2	+1.8	78.3	+0.7	76.2	0.0	74.3	+3.9	58.5	+0.2	50.6	+3.4	35.4	-4.0	59.0	+1.8
Columbia	33.6	-3.4	40.5	+3.0	56.6	+10.0	59.0	+3.7	62.6	-2.5	72.8	+0.8	75.7	-0.6	73.4	-1.5	71.8	+2.9	57.2	-0.1	49.0	+2.4	32.4	-5.6	57.0	+0.7
Crozet	34.1	-3.9	39.8	-0.1	57.4	+10.0	60.0	+3.1	61.4	-3.1	73.2	-0.1	75.3	-0.1	74.0	-0.1	71.6	+2.0	58.0	-0.1	48.9	+0.1	34.0	-5.1	57.3	+0.1
Culpeper	32.0	-2.7	39.4	+3.1	57.3	+12.0	58.9	+4.5	62.8	-1.3	73.0	+1.0	75.7	0.0	74.0	+0.1	72.2	+4.1	56.5	+0.2	48.2	+3.0	31.4	-4.8	56.8	+1.6
Danville	38.5	-1.7	43.3	+0.6	59.4	+9.4	61.6	+3.5	64.3	-3.2	75.6	-0.4	77.4	-1.7	75.6	-2.2	73.6	+1.1	58.5	-2.2	50.4	+0.7	34.8	-7.0	59.4	-0.3
Elkwood	30.6	-3.7	37.8	-0.5	55.0	+9.0	57.2	+1.2	60.6	-0.6	71.4	+0.4	74.0	-0.4	72.4	-0.4	70.4	+0.4	54.4	-0.4	47.3	+0.1	29.6	-5.1	55.1	+0.1
Farmville	35.8	-2.5	41.8	+3.1	57.4	+9.7	60.2	+4.7	62.8	-3.4	74.2	0.0	76.4	-1.8	74.6	-1.8	73.8	+3.6	57.5	-0.7	49.9	+1.9	33.6	-5.4	58.2	+0.6
Fredericksburg, 4 miles SW	32.2	-4.3	38.8	+1.8	56.6	+10.0	58.5	+3.4	61.6	-3.3	72.3	-0.2	74.6	-0.2	72.9	-2.2	71.9	+2.6	56.3	-1.6	49.0	+1.6	32.8	-5.1	56.4	0.0
Lawrenceville	36.8	-3.4	43.1	+0.9	59.6	+10.0	61.0	+4.0	65.8	-0.8	76.0	+0.0	76.1	-0.1	73.2	-0.1	73.6	+3.6	56.6	-0.1	49.6	+1.9	33.6	-5.4	58.2	+0.6
Lincoln	29.4	-4.0	36.5	+2.5	55.7	+11.8	58.4	+5.2	62.5	-1.8	73.0	+0.9	76.2	-0.5	74.1	-0.6	71.6	+2.9	57.1	-0.2	47.6	+1.9	31.7	-3.4	56.2	+1.3
Louisiana	32.8	-2.8	40.2	+2.5	56.6	+11.2	59.3	+5.6	62.8	0.0	74.0	+0.3	75.1	0.0	73.8	0.0	72.3	+4.2	56.9	+1.4	49.4	+3.7	31.6	-5.8	57.1	+1.9
Lynchburg	33.9	-1.4	40.1	+1.8	56.6	+11.2	59.2	+5.6	62.1	-3.8	72.8	-0.3	75.8	-0.3	73.8	-0.5	71.6	+3.7	57.0	-0.2	47.9	+2.7	32.6	-4.7	57.0	+1.0
Martinsville	37.8	-2.8	43.1	+0.9	59.6	+10.0	61.0	+4.0	65.8	-0.8	76.0	+0.0	76.1	-0.1	73.2	-0.1	73.6	+3.6	56.6	-0.1	49.6	+1.9	33.6	-5.4	58.2	+0.6
Mount Weather	20.0	-10.4	29.4	-1.3	49.6	+10.2	51.0	+2.2	55.6	-4.0	66.1	-1.5	70.5	-1.1	69.3	-0.6	66.6	+2.0	51.4	-2.2	42.9	+0.8	27.2	-5.3	50.0	-0.9
New Canton	31.5	-2.7	41.2	+3.1	56.6	+10.0	58.7	+3.6	61.8	-2.9	72.3	+0.1	74.6	-1.5	72.6	-1.4	71.8	+2.9	56.2	-1.2	48.9	+2.0	32.6	-5.8	56.8	+0.5
Quantico	31.2	-4.4	37.9	+2.0	55.0	+10.1	59.0	+5.1	62.6	-1.4	74.1	+1.7	75.5	-1.5	72.6	-1.4	72.7	+3.9	56.5	-0.9	47.8	+2.0	31.8	-4.7	56.5	+0.9
Rocky Mount	36.0	-1.7	40.6	+1.9	54.5	+7.7	57.8	+2.4	63.8	-1.1	70.6	-1.6	73.5	-1.6	72.9	-0.9	70.2	+1.5	55.2	-1.8	47.2	-0.1	32.2	-6.5	56.2	-0.2
Stuart	37.4	-2.2	41.6	+3.0	58.2	+11.1	60.0	+4.0	62.1	-3.2	72.6	-0.7	75.1	-0.8	73.9	-0.6	72.9	+3.0	57.6	-0.7	49.4	+1.2	35.1	-6.0	58.0	+0.6
Washington, D. C.	30.8	-2.6	38.4	+3.1	56.2	+13.6	59.5	+6.2	62.8	-0.9	74.5	+2.3	76.8	0.0	75.4	+0.4	73.2	+5.1	57.4	0.0	49.0	+3.8	33.0	-3.6	57.2	+2.2
Means	33.6	-3.0	39.9	+1.9	56.7	+10.4	59.2	+4.1	62.5	-2.6	73.3	+0.4	75.7	-0.8	73.9	-0.8	72.1	+3.1	56.9	-0.5	48.8	+2.1	32.9	-5.2	57.1	+0.8
Great Valley																										
Big Meadows	25.0	-3.1	29.8	0.0	49.5	+12.8	50.8	+5.9	53.7	-3.1	64.2	+0.2	66.8	+0.3	64.6	-1.2	63.9	+4.6	49.2	-1.1	40.3	+1.3	22.8	-7.0	48.4	+0.8
Blacksburg	32.6	-1.3	37.4	+2.8	52.2	+9.3	55.2	+4.1	58.0	-2.5	68.0	-0.1	71.4	+0.1	70.6	+0.4	68.2	+3.3	55.0	-0.6	45.0	+2.2	29.6	-5.5	53.4	+1.0
Buchanan	36.0	-0.7	40.9	+1.0	56.1	+8.8	59.0	+3.6	61.7	-3.1	72.1	-0.0	74.4	-0.2	72.6	+0.3	74.4	-0.2	62.0	-0.1	41.5	+2.0	32.6	-5.9	57.3	+0.6
Burkes Garden	30.6	-1.6	36.6	+4.2	50.2	+9.8	52.0	+3.9	54.4	-2.7	63.4	-0.7	67.6	+0.4	66.0	-0.1	64.2	+3.6	50.6	+0.4	42.2	+2.0	28.0	-4.9	50.5	+1.2
Catawba Sanatorium	32.8	-3.5	37.2	-0.9	53.4	+8.2	55.0	+1.1	57.6	-4.9	67.6	-2.1	72.1	-0.6	71.4	-0.2	68.0	+1.2	55.4	-1.2	47.4	+1.7	31.2	-6.7	54.1	-0.7
Dale Enterprise	30.0	-3.4	36.4	+1.8	53.3	+10.4	56.0	+4.0	59.4	-3.1	70.2	+0.2	73.0	-0.8	71.6	-0.5	69.1	+2.3	54.4	-1.0	46.3	+2.4	29.4	-5.9	54.1	+0.5
Dante	32.2	-2.9	41.0	+2.2	54.6	+9.8	56.7																			

Supplemental Table of Monthly and Annual Precipitation for the Year 1945

Stations	Counties	Drainage-basin	Elevation, feet	Length of record, years	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Abingdon(TVA).....	Washington	Tennessee	2,000	3	1.41	4.90	4.57	4.85	4.92	1.93	4.92	3.69	4.38	1.65	2.96	3.64	43.32
Alta Vista.....	Campbell	Roanoke	560									2.72	4.38	1.12	3.54	5.29	
Amisville.....	Rappahannock	Rappahannock	550	3	1.99	2.30	1.00	3.16	3.97	2.56	7.35	3.61	7.17	0.86	2.95	3.70	40.62
Appomattox.....	Appomattox	Appomattox	825	8	4.22	3.57	1.83	4.43	5.29	2.54	6.67	4.80	10.55	1.96	3.32	4.46	53.64
Assateague Beach.....	Accomac	Atlantic	10	6	2.31	4.11	1.09	1.75	1.88	7.37	9.00	2.36	2.22	1.27	2.99		
Augusta Springs.....	North	Potomac	1,700	6	1.91	2.66	2.48	2.22	3.39	2.19	5.59	2.67	7.58	0.85	3.40	3.61	38.56
Bacon.....	Fairfax	Potomac	380	4	2.58	2.78	0.63	3.27	3.12	4.70					3.57	3.79	
Big Knob.....	Scott	Tennessee	3,200	11	2.40	4.88	3.14	2.58	4.66	4.11	3.86	2.88	3.78	1.84	2.65	4.39	41.17
Big Stone Gap(TVA).....	Wise	Clinch	1,550	9		5.83	2.32	3.05	4.61	5.50	5.83	3.91	3.81	1.05			
Bremo Bluff.....	Fluvanna	James	225	3	3.03	2.88	1.29	3.09	4.75	1.77	10.60	1.22	5.88	1.36	3.23	5.26	46.86
Buena Vista.....	Rockbridge	do	835	9	2.00	2.52	2.27	2.54	3.14	1.23	4.74	1.00	8.57	0.83	2.78	4.27	35.89
Byllesby.....	Carroll	New	2,208	3	1.79	3.48	1.94	2.81	7.64	3.84	5.80	3.67	10.05	2.07	2.96	4.27	50.32
Churchville.....	Augusta	Shenandoah	1,475	6	2.39	2.49	1.62	1.67	4.58	1.81	4.25	1.69	9.36	0.82	3.77	3.22	37.16
Cleveland(TVA).....	Russell	Tennessee	1,525	10	1.78	4.48	2.65	3.03	4.52	4.42	6.64	6.22	4.80	1.66	3.82	4.50	48.43
Cootes Store.....	Rockingham	Shenandoah	1,050	4	1.30	1.66	1.10	1.66	2.69	2.02	5.61	4.64	8.66	0.25	1.62	1.92	33.13
Copper Hill.....	Floyd	Roanoke	2,800	5	2.34	2.92	2.51	2.41	3.48	*1.64	6.74	2.25	13.95	1.40	2.25	*3.63	45.52
Covington.....	Allegheny	Jackson	1,245	9	1.88	2.79	3.34	1.72	3.19	4.02	4.13	2.32	4.97	0.70	3.08	2.86	35.00
Danville(Airport).....	Pittsylvania	Dan	590														
Davenport.....	Buchanan	New	1,600	5	1.80	4.44	2.26	2.97	5.34	3.17	8.95	3.09	4.41	1.47	4.02	*3.40	45.32
Delaplane.....	Fauquier	Potomac	455	5	1.82	2.79	0.50	5.10	4.09	4.24	10.43	3.87	8.72	0.49	2.97	*3.77	46.39
Dunbar.. (TVA).....	Wise	Tennessee	2,000	11	3.38	6.07	3.01	4.98	5.20	4.12	5.20	3.97	4.04	1.69	6.53	3.70	52.19
Dungannon(TVA).....	Scott	do	2,500	11	2.56	6.27	3.25	3.12	4.41	4.96	7.27	5.23	4.17	1.03	4.31	*4.74	50.32
Fieldale.....	Henry	Roanoke		11	3.75	2.61	1.35	3.44	4.20	1.19	3.90	1.94	11.10	*2.23	5.85	*4.84	44.12
Foraker.....	Dickenson	Tennessee	1,982	5	1.96	3.75	2.61	3.43	5.58	4.10	4.96	3.75	5.82	1.02	3.94	4.56	45.86
Front Royal.....	Warren	Shenandoah	683	1	1.63	2.68	0.82	2.33	3.47	4.26	5.76	3.56	6.90	0.63	3.20	2.52	37.76
Galax.....	Grayson	New	2,380	5	2.28	3.35	2.78	3.23	5.18	2.36	5.70	3.06	9.65	2.13	2.63	4.54	46.89
Glade Spring(TVA).....	Washington	Tennessee	2,200	6	1.97	2.39	0.94	4.40	4.22	1.88	13.65	1.89	3.34	1.51	2.88		
Gordonsville.....	Orange	James	2,400	4	1.31	2.88	1.73	2.10	2.36	1.06	3.26	1.68	1.12	3.89	1.72	28.93	
Goshen.....	Rockbridge	North	1,300	3	2.26	*2.53	3.13	2.74	3.20	5.92	6.50	2.92	4.85	2.04	2.82	3.52	48.54
Groseclose(TVA).....	Smyth	Tennessee	2,550	5	2.62	5.56	3.26	3.23	5.34	4.62	4.47	7.78	4.33	0.84	5.08	3.09	50.22
Haysi.....	Dickenson	New	1,500	5	3.97	6.28	4.21	4.99	6.26	6.87	7.91	6.40	4.08	1.62	5.90	2.78	61.27
High Knob.....	Wise	Tennessee	4,150	11	2.31	2.78	1.99	3.90	5.61								
Hillsboro.....	Loudoun	Potomac	750														
Hillsville.....	Carroll	New	2,570	4	2.40	3.20	2.41	3.67	4.01	*3.57	3.84	1.46	3.27	1.42	3.40	4.58	41.98
Hog Island.....	Northampton	Atlantic	10	6	2.37	4.23	1.15	2.14	3.18	7.73	11.40	3.75	8.20	2.72	2.90	5.91	50.78
Holston(TVA).....	Washington	Tennessee	3,450	11	1.50	5.87	3.95	2.80	3.70	4.03	4.93	2.80	8.99	1.62	3.95	3.82	42.96
Honaker(near)(TVA).....	Russell	do	2,400	11	2.38	3.94	3.38	3.56	5.94	5.82	6.19	5.18	5.34	2.21	5.80	3.22	52.96
Honaker(TVA).....	do	do	1,950	1	1.94	4.44	2.47		5.12	5.11	6.84	3.65	5.35	1.61	3.63	3.89	
Hurley.....	Buchanan	New	995	5	2.07	4.79		3.15	7.18	4.27	4.91	5.93	4.09	0.83			
Independence.....	Grayson	do	2,700	5	1.83	4.08	2.42	3.86	5.15	2.90	6.08	2.69	10.39	1.83	2.56	4.88	48.72
Indian Valley.....	Floyd	do	2,700	5	2.23	3.71		2.55	4.52	7.73	3.43	1.22	7.78	1.63	3.19	4.89	
Jonesville(TVA).....	Lee	Tennessee	1,400	11	3.55	6.69	3.19	5.15	5.96	4.64	4.73	4.70	3.74	2.37	4.68	4.64	54.24
Jonesville(VPI)(TVA).....	do	do	1,500	1			2.61	3.40				3.88	3.32		0.97	3.76	
Jordan Mines.....	Allegheny	James	1,350	5	2.19	2.83	2.74	1.84	3.00	2.93	4.32	3.35	5.05	0.74	2.94	2.72	34.64
Kerrs Creek.....	Rockbridge	North	1,400	5	2.12	*2.69	*2.54	3.21	2.89	2.19	5.05	0.85	6.85	0.29	3.57	1.98	35.53
Loves Mill(TVA).....	Washington	Tennessee	2,040	11	2.41	4.10	3.01	2.49	7.77	4.07	4.99	3.92	3.66	2.31	2.23	3.44	45.40
Manion.....	Fairfax	Potomac	450	4		2.07	0.46	2.91	2.59						2.64		
Marion(TVA).....	Smyth	Tennessee	2,150	11	1.75	3.63	2.56	2.45	8.37	4.67	6.44	3.35	4.13	2.20	3.42	2.70	45.67
Marshall.....	Fauquier	Rappahannock	550	1	1.90	2.16	0.86	2.90	3.43	2.76	9.04	8.49	7.93	0.86	3.33	3.81	46.47
Mc Dowell.....	Highland	James	2,050	6	1.80	3.32	2.36	1.73	3.37	1.61	8.39	1.77	7.85	0.28	4.23	2.88	39.19
Mc Gayheysville.....	Rockingham	Shenandoah	1,050	5	1.80	1.78	0.95	1.64	2.84	1.80	5.09	1.58	6.93	0.45	2.83	3.11	30.80
Meadowview(TVA).....	Washington	Tennessee	1,860	3	2.37	4.08	2.84	2.65	5.32	4.63	3.82	3.27	4.49	1.25	2.21	3.61	40.84
Mons.....	Redford	James	2,505	1	1.47	3.40	3.29	4.72	6.59	3.10	5.07	3.10	10.31	1.65	4.34	*5.05	52.09
Montebello.....	Nelson	do	2,500	9	3.08	2.61	2.80	3.44	4.66	3.38	6.11	2.07	12.53	0.72	4.69	5.27	51.36
Montebello(Fish Nursery).....	Nelson	do	2,700	9	3.20	2.98	2.57	4.32	4.55	2.91	6.27	1.39	14.47	0.87	4.78	5.89	54.20
Mount Jackson.....	Shenandoah	Shenandoah	1,050	5	1.76	2.21	1.23	2.33	3.78	4.45	7.26	4.80	7.97	0.44	3.24	*2.90	42.37
Mt. Jackson(Hydro. Sta.).....	do	do	900	5								5.31	7.23	0.40	3.30		
Mutters Gap(TVA).....	Russell	Tennessee	3,925	11	2.93	2.33	1.16	2.37									
Nebot(TVA).....	Smyth	do	2,425	11	2.11	3.88		3.15	3.66								
Newcastle.....	Craig	James	1,300	9	2.12	3.57	2.86	2.29	2.90	2.25	1.68	1.46	7.60	1.33	3.05	3.47	34.58
Newport.....	Giles	do	1,900	4						2.72	6.58	2.73	6.85	1.89	3.15	3.52	
North Garden.....	Albermarle	do	700	8	2.77	1.20	1.13	3.01	4.37	1.57	6.80	4.42	9.60	0.24	3.96	4.57	43.64
Olinger(TVA).....	Lee	Tennessee	1,400	9	3.61	6.65	3.27	4.01	6.69	6.38	5.78	6.49	4.07	2.00	4.95	4.06	57.96
Pedlar Dam.....	Amherst	James	800	12	2.73	2.87	1.92	2.79	3.76	1.57	6.98	3.47	8.32	1.07	3.76	5.41	44.65
Petersburg.....	Dinwiddie	Appomattox	196						8.53	1.00	15.35	1.80	8.28	0.77	2.05	5.65	
Pilot.....	Montgomery	New	1,193	5	2.25	2.82	1.41	1.69	2.81	3.32	4.52	0.58	6.50	1.57	3.41	3.95	34.83
Princess Anne.....	Princess Anne	Atlantic	20		3.09	4.88	2.39	1.44	2.49	12.37	17.26	6.11	5.38	1.45	4.60	4.79	66.25
Pulaski.....	Pulaski	New	1,904	5	2.38	3.73	1.79	2.80	4.49	3.05	7.54	3.81	7.49	1.55	2.57	4.59	45.79
Pulaski(Airport).....	do	do	2,204	4	2.50	3.79		2.43	5.35	2.35	6.63	2.35	11.26	1.46	2.75	4.21	
Rapidan.....	Henrico	Rapidan	300		2.71	2.12	0.97	2.58	5.71	4.31	9.90	2.84	8.84	1.04	3.26	3.95	48.23
Richmond(U.S. Air Base).....	Culpeper	James	160	9	2.25	3.67	1.33	3.50	5.09	1.71	18.87	2.92	8.49	0.91	3.09	5.28	57.01
Roanoke(Airways).....	Roanoke	Roanoke	907	8	2.39	3.66	4.08	2.16	3.41	3.41	3.65	0.71	10.00	0.96	3.35	4.00	41.78
Rockfish.....	Nelson	James	500	9	2.80	3.79	1.92	3.96	4.61	1.27	8.54	1.71	11.88	0.77	4.04	5.23	50.52
Rocky Knob(Fire weather).....	Floyd	Roanoke	3,100	3	2.98	3.67	2.37	4.48	4.88	2.43	6.78	0.90	15.48	2.03	4.03	*4.35	54.38
Saltville(TVA).....	Smyth	Tennessee	1,725	1	2.53	4.21	2.99	3.04	7.33	5.13	3.89	3.58	4.34	2.34	2.86	4.55	46.79
Slate(Dwight).....	Buchanan	New	1,550	5	2.15	4.69	2.65	2.85	6.90	3.67	3.95	7.05	4.35	1.70	3.80	*2.88	46.64
Speedwell.....	Wythe	do	2,340	5				2.52	6.95	3.75		2.62	6.86		1.88	3.53	
Spring Creek(TVA).....	Tazewell	Tennessee	3,150	11	2.22	2.90	1.41	2.70	6.04	3.41	4.78	3.31	4.40	1.55	2.55	2.50	37.77
Star Tannery.....	Frederick	Shenandoah	95														

VIRGINIA

