

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU  
CHARLES F. MARVIN, Chief

# CLIMATOLOGICAL DATA

## VIRGINIA SECTION

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VOL. XXXIV RICHMOND, VA., YEAR 1924 No. 13

### GENERAL SUMMARY

The year was characterized by subnormal temperature, much cloudiness, and an unusual amount of rainfall. There was an accumulating deficiency in temperature up to August when the weather became more seasonal, that month furnishing a small excess in temperature; also the maximum temperature for the summer at most stations in Middle Virginia and the Great Valley. In Tidewater, however, the warmest weather occurred in June. Excepting September, which was cold and wet, the remainder of the year was more seasonal.

Up to July there was an accumulating excess in precipitation, but, excepting September, the remainder of the year was deficient in rainfall. Outstanding features of the year's weather, with respect to rainfall, were the unusually heavy rains of May and September, particularly those of September 29 and 30, which were widely distributed over the headwaters of the streams of the State, resulting in serious floods. Nearly 30 per cent of the year's rainfall occurred in May and September. Following the heavy rainfall of the last two days of the latter month, and in striking contrast with it, was a protracted spell of fair weather, leaving October practically rainless up to the 27th. Rainfall of the two following months was below normal.

The excess moisture and the subnormal temperature during the seasons of crop planting and of crop growth seriously delayed preparation of the soil and the planting of crops and their growth in most sections of the State. Staple crops, as a result, were late; acreage in some instances was reduced, cultivation made difficult, and harvest delayed. On the whole, for staple farm crops the year was unfavorable. With respect to fruit, however, it was very favorable and large crops of all varieties of good to excellent quality were secured.

Notes on damaging snowstorm of March 10 and 11, tornado of April 30, destructive winds of June, and floods of September may be found in the section publications for those months.—H. A. F.

### ERRATA, 1924

*January.*—Page 3, Hawfield, 3d, should be 1.03; total, 4.21. Page 2, Cape Henry, mean temperature should be 41.9; departure, +1.7. Dante, precipitation departure should be omitted.

*February.*—Page 6, Norfolk, precipitation departure should be -0.60. Lynchburg, temperature departure should be -2.6; precipitation departure should be -1.75.

*March.*—Page 10, Washington, D. C., temperature departure should be +0.2.

*April.*—Page 14, Cape Henry, temperature departure should be -1.2. Newport News, temperature departure should be -3.7. Hawfield, precipitation departure should be +1.22.

*May.*—Page 18, Randolph, precipitation departure should be +4.38; Washington, D. C., +2.90; Narrows, +0.99.

*June.*—Page 22, Runnymede, mean temperature should be 72.4. Pages 22 and 23, Quantico, precipitation should be omitted.

*July.*—Page 26, Cape Henry, precipitation departure should be -2.19. Richmond, precipitation departure should be -2.09.

*August.*—Page 30, Saltville, mean temperature should be 77.8.

*September.*—Diamond Springs, precipitation departure should be +6.63. Mineral, mean temperature should be 63.5. Narrows, precipitation departure should be +3.25.

*October.*—Page 38, Buchanan, mean temperature should be 57.4. Narrows, precipitation departure should be -2.21. Roanoke, precipitation departure should be -2.14. Cape Henry, mean temperature should be 60.2; departure, -1.9.

*November.*—Page 42, Cape Henry, temperature departure should be -0.5. Catawba Sanatorium, precipitation departure should be -0.05.

*December.*—Langley Field, precipitation departure should be -0.72. Fredericksburg, precipitation departure should be -1.55. Warsaw, temperature departure should be +0.5.

NOTE.—Annual means are computed from data for all stations; whereas in monthly publications means do not include all stations, as in some cases reports are received too late to be used in the computations.

### CLIMATOLOGICAL DATA, 1924

Month	Temperature			Precipitation			Number of days			
	Mean	Highest	Lowest	Average	Greatest 24-hour rain	Average snow-fall	Rainy	Clear	Partly cloudy	Cloudy
January	35.4	75	-12	3.92	2.33	0.9	7	15	5	11
February	35.5	72	2	2.89	2.30	3.5	8	11	5	10
March	43.2	85	11	4.02	2.80	7.4	9	13	1	10
April	52.8	86	16	3.73	2.10	1.6	10	13	5	9
May	60.7	95	26	7.16	4.87	0.0	14	12	11	11
June	71.4	102	35	4.88	2.80	0.0	14	10	11	9
July	72.4	100	38	3.61	2.39	0.0	10	13	10	5
August	74.6	107	40	4.35	4.48	0.0	8	17	5	5
September	64.2	100	27	6.83	5.41	0.0	11	10	6	14
October	57.2	88	14	1.16	3.48	0.0	2	24	4	3
November	47.4	80	11	1.99	2.00	0.5	5	14	6	10
December	38.9	80	-4	3.07	2.37	0.5	7	13	8	10

### COMPARATIVE ANNUAL DATA

Year	Mean temperature	Highest	Lowest	Average precipitation	Average snow-fall	No. of rainy days	No. of clear days	No. of partly cloudy days	No. of cloudy days
1892	54.8	106	-8	40.01	.....	95	163	101	102
1893	56.1	104	-26	46.83	23.1	103	156	100	109
1894	57.0	106	-13	35.97	17.0	83	165	104	95
1895	54.6	107	-13	38.99	38.8	94	174	103	88
1896	56.4	105	-10	42.89	12.3	93	163	106	97
1897	56.0	103	-15	40.81	11.8	92	171	99	95
1898	56.5	105	-9	44.80	8.7	108	162	101	102
1899	56.4	106	-29	43.18	36.7	98	176	95	94
1900	57.0	107	-8	39.33	18.6	86	181	91	93
1901	55.3	106	-14	50.17	9.5	100	167	94	104
1902	55.6	108	0	51.42	14.9	95	170	97	98
1903	55.1	105	-13	44.85	8.4	95	172	89	104
1904	53.8	100	-14	36.18	24.9	95	170	101	95
1905	54.8	98	-15	43.58	18.5	111	155	112	98
1906	56.3	102	-2	49.56	15.2	124	143	120	102
1907	54.3	97	-16	44.19	17.4	115	159	115	91
1908	55.4	102	-20	45.21	30.0	110	162	108	96
1909	55.5	102	-5	39.81	12.9	101	171	104	90
1910	54.7	102	-9	41.37	20.3	112	151	116	98
1911	56.8	104	0	41.60	9.2	115	149	110	106
1912	54.5	100	-25	39.19	24.6	103	165	106	95
1913	57.2	102	-3	42.75	4.0	100	178	98	89
1914	55.0	103	-17	37.17	39.8	101	168	100	97
1915	55.8	101	-5	39.12	13.5	97	160	116	89
1916	55.5	102	-11	39.36	15.6	103	165	106	95
1917	55.3	103	-27	40.82	23.7	114	158	107	100
1918	55.3	108	-22	44.43	24.7	105	159	97	109
1919	56.8	103	-16	41.66	7.4	102	161	99	105
1920	54.8	99	-9	46.30	7.1	106	162	89	115
1921	58.4	104	-12	34.94	13.8	97	161	102	102
1922	57.1	100	-13	44.72	24.8	110	145	107	113
1923	56.2	103	-1	40.84	10.3	104	168	96	101
1924	54.5	107	-12	47.43	12.8	105	165	90	111
Normal and extremes	55.7	108	-29	42.38	17.9	102	164	102	99

## Climatological Data for the Year 1924

Stations	Counties	Elevation, feet	Temperature, degrees Fahrenheit						Precipitation						Total snowfall	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			Number of clear days	Number of partly cloudy days	Number of cloudy days	
Tidewater Virginia																				
Cape Henry	Princess Anne	20	51	57.9	100	Aug. 6	14	Jan. 6	51	51.94	8.98	June	0.44	Oct.	1.7	160	146	110	110	sw.
Dahlgren	King George	21	5						5											
Diamond Springs	Princess Anne	25	16	59.2	95	June 20	12	Jan. 22	16	63.91	10.35	May	0.35	Oct.	T.	95	205	108	53	sw.
Franklin	Southampton	21	6	57.9	102	June 20*	9	Jan. 6	6	57.07	8.50	Aug.	1.11	Oct.	6.0	122	228	51	87	ne.
Hopewell	Prince George	40	8	59.3	100	June 20	7	Jan. 22	8	46.08	9.50	May	1.08	Oct.	0.7	115	94	168	104	sw.
Langley Field	Elizabeth City	5	5	58.2	99	June 21	9	Jan. 6	5	44.84	8.88	May	0.04	Oct.	0.4	109				ne.
Newport News	Warwick	13	21		96	June 21	8	Jan. 22	21	11.79	May	0.20	Oct.							ne.
Norfolk	Norfolk	91	54	58.8	98	June 20	10	Jan. 6	54	45.36	7.47	May	0.11	Oct.	3.8	116	137	115	114	s.
Onley	Accomac	40	6	56.2	100	Aug. 6	8	Jan. 21	6	44.62	6.84	May	1.74	Aug.	1.5	79				w.
Richmond	Henrico	144	45	56.4	97	Aug. 31	8	Jan. 22	45	47.39	9.58	Sept.	0.78	Oct.	4.0	122	171	86	109	ne.
Runnymede (near)	Surry	25	35	57.4	96	June 20*	7	Jan. 21	35	57.37	9.99	May	0.73	Oct.	5.0	94	191	62	113	s.
Urbanna	Middlesex	35			97	June 20				8.55	Sept.									
Williamsburg	James City	70	31	57.1	99	June 20	6	Jan. 22	31	51.17	9.23	May	1.22	Oct.	3.2	110	181	67	118	se.
Means and extremes				57.1	102	June 20	6	Jan. 22		51.42	11.79	May	0.04	Oct.	2.6	112	169	96	101	ne.
Middle Virginia																				
Callville	Brunswick	250	30	55.6	98	Aug. 27	3	Jan. 22	30	58.14	11.49	May	1.09	Nov.	9.0	81	223	78	65	w.
Charlottesville (near)	Albemarle	854	33	55.1	97	Aug. 6	3	Jan. 22	33	54.70	10.82	May	2.47	Nov.	30.5	98	138	74	154	w.
Chatham	Pittsylvania	2	56.8	100	June 20	8	Jan. 6*	2	41.27	6.41	May	1.20	Oct.			94	218	84	64	w.
Clarksville	Mecklenburg	286	27		95	Aug. 7	7	Jan. 6	27	50.81	10.38	May	1.32	Feb.		91				
Columbia	Fluvanna	246	26	55.5	100	Aug. 6	6	Jan. 22	26	47.94	7.14	May	1.10	Oct.	12.0	82	183	77	106	w.
Culpeper	Culpeper	450	17	52.8	98	Aug. 6	4	Jan. 22	17	50.76	10.05	May	1.16	Oct.	33.5	78				s.
Danville	Pittsylvania	430	24	58.4	100	June 19*	5	Jan. 6	24	43.84	6.86	Sept.	1.13	Oct.		117	164	117	85	w.
Fredericksburg (near)	Spottsylvania	100	34	54.7	99	Aug. 6	3	Jan. 22	34	47.48	7.51	Sept.	1.72	Dec.	15.6	96	176	99	91	se.
Guinea Mills	Buckingham								3	45.91	8.33	May	1.43	Oct.	16.7	101	214	65	87	sw.
Hawfield	Orange	400							7	48.60	9.09	May	1.24	Oct.	T.	95				
Leeds Manor	Fauquier	1,000			107	Aug. 6				9.05	Sept.	0.35	Oct.							sw.
Lincoln	Loudoun	500	23		101	Aug. 31	3	Jan. 22	23	6.95	May	0.80	Oct.							
Lynchburg	Campbell	681	53	55.6	97	June 20	3	Jan. 6	53	40.60	5.16	May	1.45	Nov.	8.0	108	152	112	102	nw.
Macon	Powhatan								1	46.89	7.79	Sept.	0.83	Oct.	8.3	105	99	69	198	sw.
Mayhurst	Orange	500	9	54.9	95	June 21	5	Jan. 22	9	47.70	8.69	May	0.78	Oct.	T.	88				s.
Mineral (near)	Louisa	300	9	52.6	99	Aug. 6	0	Jan. 22	9	46.43	7.42	May	1.92	Oct.	10.5	102				s.
Mount Weather	Loudoun	1,726	20	49.1	91	Aug. 7	2	Jan. 6*	20	43.36	9.96	Sept.	1.03	Oct.		88	65	104	197	w.
New Canton	Buckingham	300	30	54.8	95	Aug. 6	4	Jan. 22	30	48.80	9.12	May	1.40	Oct.	18.0	97	168	104	94	sw.
Quantico	Prince William	17	24	54.9	99	July 30*	2	Jan. 22	24											
Randolph	Charlotte	344							19	45.29	8.21	May	1.75	Nov.		93	226	48	92	sw.
Rocky Mount	Franklin	1,150	29	52.7	95	Sept. 1	4	Dec. 22	29	53.99	10.41	Sept.	1.45	Oct.	8.0	85				nw.
Stuart	Patrick	1,188	2	55.6	97	June 20	0	Jan. 6	2	51.23	9.61	Sept.	1.29	Oct.		116	189	91	86	w.
Washington, D. C.		112	54	54.1	102	Aug. 6	6	Jan. 22	54	49.02	7.86	Sept.	0.44	Oct.	20.2	112	121	119	126	nw.
Means and extremes				54.5	107	Aug. 6	4	Dec. 22		47.48	11.49	May	0.44	Oct.	13.4	97	161	92	113	w.
The Great Valley																				
Blacksburg	Montgomery	2,170	33	50.7	90	June 19*	6	Jan. 6	33	49.05	6.49	Aug.	1.66	Oct.	16.2	137	129	77	160	w.
Buchanan	Botetourt	820	23	53.3	96	July 30	1	Jan. 6	23	49.24	7.57	Sept.	0.84	Oct.		84	160	35	171	w.
Burkes Garden	Tazewell	3,250	29	46.8	84	Aug. 31	12	Jan. 6	29	46.08	8.17	Sept.	0.95	Oct.	27.0	79	146	59	161	w.
Catawba Sanatorium	Roanoke	2,100	14	53.0	93	Aug. 6*	3	Jan. 6	14	48.16	7.28	Sept.	1.02	Oct.		109	217	82	67	w.
Dale Enterprise	Rockingham	1,350	45	52.1	97	Aug. 6	0	Jan. 6	45	42.00	8.68	May	1.28	Dec.	35.5	112	150	110	106	s.
Dante	Russell	2,000	7	52.4	92	Aug. 22*	5	Jan. 6	7	51.18	7.47	Sept.	1.02	Oct.	8.0	134	165	115	86	
Hot Springs	Bath	2,195	32	49.6	89	June 20	5	Jan. 6	32	44.89	7.25	May	0.05	Oct.	21.4	134	160	128	78	
Ivanhoe	Wythe	2,028							18	43.24	5.67	Jan.	0.98	Oct.	5.8	120				
Lexington	Rockbridge	1,060	47	53.0	95	June 20*	2	Jan. 7	47	44.10	6.87	Aug.	0.73	Oct.	21.7	103	199	42	125	
Marion	Smyth	2,145	3	51.9	91	June 20*	6	Jan. 6	3	46.47	7.34	Aug.	0.94	Oct.	17.2	144	151	81	134	w.
Mendota	Washington	1,350							19	50.74	6.78	Jan.	0.77	Oct.		131				
Narrows	Giles	1,519							10	35.06	5.34	Sept.	0.48	Oct.	16.0	71				
Radford	Montgomery	1,773							29	37.63	5.06	Jan.	0.98	Oct.	21.0	102				
Roanoke	Roanoke	907	20	55.2	97	June 20*	2	Jan. 6	20	43.32	7.83	Sept.	1.20	Oct.		119	181	114	71	sw.
Saltville	Smyth	1,739	1		100	Aug. 29	4	Jan. 5	1	48.15	6.82	Sept.	0.47	Oct.	24.7	132				w.
Speers Ferry	Scott	1,221							28	36.99	5.50	Jan.	0.40	Oct.		98				w.
Winchester	Frederick	717	20	53.9	103	Aug. 6	3	Jan. 22	20	41.15	9.38	May	0.82	Feb.		102	196	61	109	nw.
Woodstock	Shenandoah	927	33		90	Aug. 6	3	Jan. 22	33	42.37	8.26	May	1.42	Oct.	28.8	78	156	68	142	w.
Wytheville	Wythe	2,304	22	50.9	88	June 20	5	Jan. 6	22	37.87	6.27	Sept.	1.23	Oct.	17.7	138	149	99	118	w.
Means and extremes				52.0	103	Aug. 6	12	Jan. 6		44.31	9.38	May	0.05	Oct.	20.1	112	166	82	118	w.
State means and extremes				54.5	107	Aug. 6	12	Jan. 6		47.41	11.79	May	0.04	Oct.	12.8	105	165	90	111	w.

Station and annual means are computed for a 12-month record. Section and State averages are computed from monthly means. Estimated and incomplete data not considered in means.

All other records are used in determining section and division means, but the mean departures from normal temperature and precipitation are based only on records from stations that have ten or more years of observation.

Reference letters, "a", "b", "c", appearing in the tables indicate number of days missing; for example, "b" represents two days, etc.

\*Also on other dates.

†Post-office addresses of these stations are as follows: Diamond Springs, Norfolk; Runnymede, Elberon; Hawfield, Rapidan; Leeds Manor, Markham; Lincoln, Purcellville; Mayhurst, Orange; Mount Weather, Bluemont; Langley Field, Hampton.

T. Precipitation is less than 0.01 inch rain or snow.

Monthly and Annual Precipitation for the Year 1924, 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																										
Ashland									6.74	+2.66	5.23	+1.06	2.12	-2.62	3.93	-0.65	8.08	+4.90	1.02	-2.24	1.87	-0.45	2.79	-0.04		
Cape Henry	3.38	+0.03	3.64	-0.25	3.38	-0.94	3.95	+0.03	8.59	+4.56	8.98	+4.56	3.66	-2.19	4.36	-0.75	5.07	+0.99	0.45	-3.43	2.43	-0.31	3.06	-0.87	51.94	+1.93
Dahlgren	3.05		2.41		6.70		5.44		6.67		4.48		1.60		4.12		5.52		1.28		2.07					
Diamond Springs	2.22	-1.32	3.93	+0.83	3.22	-0.25	4.35	+1.24	10.35	+6.66	8.35	+3.22	6.25	+0.53	4.25	-3.39	9.71	+6.63	0.55	-2.17	2.70	+0.62	5.23	+1.68	63.91	+21.04
Franklin	3.68		3.99		5.20		3.79		6.97		6.42		5.41		8.50		7.47		1.11		1.59		2.94		57.07	
Hopewell	2.78		2.45		3.12		3.59		9.50		6.54		3.43		2.10		7.81		1.03		1.35		2.38		46.08	
Langley Field	2.42	-0.24	2.94	-0.82	3.63	-0.31	2.56	-0.76	8.88	+5.32	6.11	+2.18	2.70	-2.23	6.15	+1.16	5.25	+2.32	0.04	-3.05	1.86	-0.86	2.30	-0.72	44.84	+1.99
Newport News	3.00	-0.31	3.79	+0.31	4.95	+1.07	3.76	+0.57	11.79	+8.33	7.96	+2.93	6.06	-0.25	9.21	+3.55	7.47	+4.69	0.20	-2.39	2.00	-0.72	2.85	-0.64	45.36	+4.30
Norfolk	1.96	-1.41	3.15	-0.72	3.16	-1.12	2.89	-0.90	7.47	+3.40	6.46	+2.13	4.45	-1.35	4.27	-1.70	6.59	+2.53	0.11	-3.80	2.00	-0.72	2.85	-0.64	45.36	+4.30
Onley	3.37		2.38		6.15		5.05		6.84		5.57		2.03		1.74		4.39		1.95		2.30		2.85		44.62	
Richmond	2.98	-0.04	2.34	-0.87	4.00	+0.28	5.11	+1.66	7.36	+3.51	4.85	+1.33	2.33	-2.09	3.05	-1.36	9.58	+6.15	0.78	-2.54	1.61	-0.78	3.40	+0.40	47.39	+5.65
Runnymede	3.73	+0.53	4.27	+0.31	5.19	+0.64	5.98	+2.11	9.99	+5.94	8.72	+3.75	4.93	-1.14	2.08	-3.02	6.65	+3.21	0.73	-2.92	1.81	-0.89	3.31	-0.03	57.37	+8.49
Urbanna									7.58		7.11		3.79		2.72		8.55		3.48		1.52		3.07			
Warsaw			3.12		7.20		3.30		6.48	+2.98	4.68	+0.47	4.04	-0.45			8.04	+5.47	1.90	-1.25	1.77	-0.76	3.20	+0.48		
Williamsburg	2.76	-0.55	3.54	+0.32	4.86	+0.84	4.94	+1.22	9.23	+5.72	6.44	+1.72	8.04	-3.10	4.27	-2.15	7.00	+3.55	1.22	-1.88	1.61	-0.56	2.26	-0.25	51.17	+4.88
Means	2.94	-0.41	3.23	+0.08	4.67	+0.42	4.28	+0.65	8.30	+4.91	6.53	+2.34	3.72	-1.49	4.62	-0.16	7.15	+4.04	1.04	-2.57	1.89	-0.52	3.06	+0.05	51.42	+7.34
Middle Virginia																										
Callaville	4.11	+0.81	3.36	-0.24	4.68	+0.26	6.67	+3.12	11.49	+7.65	5.22	+0.97	2.75	-3.21	5.23	+0.41	9.26	+5.92	1.78	-0.98	1.09	-1.05	2.50	-0.86	58.14	+12.80
Charlottesville	5.20	+1.89	2.88	-0.12	2.84	-0.67	3.88	-0.45	10.82	+6.41	6.83	+1.17	2.71	-2.14	4.87	-0.14	6.43	+2.53	2.55	-0.88	2.47	-0.08	3.22	-0.05	54.79	+8.37
Chatham	3.48		3.00		3.10		4.00		6.41		3.09		3.97		3.10		6.10		1.20		1.79		41.27			
Clarksville	3.38	+0.10	1.32	-1.98	3.92	+0.16	3.31	+0.04	10.38	+6.35	5.67	+1.19	5.42	+0.98	1.82	-2.99	9.44	+6.57	1.70	-0.97	1.61	-0.85	2.84	-0.69	50.81	+7.81
Columbia	3.60	+0.16	2.80	-0.24	4.17	+0.74	3.31	-0.30	7.14	+3.48	5.35	+0.70	4.48	+0.13	4.48	+0.04	6.50	+3.34	1.10	-2.01	1.65	-0.63	3.36	-0.04	47.94	+5.19
Culpeper	3.97	+0.75	2.78	+0.31	3.07	+0.37	4.51	+1.17	10.05	+6.30	5.43	+0.03	2.51	-1.44	5.59	+1.63	7.62	+4.51	1.16	-1.48	1.45	-1.05	2.82	-0.60	50.76	+10.50
Danville	3.75	+0.63	2.98	-0.23	3.88	-0.05	5.36	+2.14	5.56	+1.64	3.81	-0.59	3.11	-1.05	2.67	-2.26	6.86	+3.91	1.13	-1.78	1.43	-0.81	3.80	+0.43	43.34	+1.98
Fredericksburg	3.39	+0.16	2.65	-0.34	4.78	+1.20	4.95	+1.38	6.77	+2.84	3.93	-0.85	2.45	-1.85	4.73	-0.11	7.51	+4.36	2.57	-0.51	2.05	-0.26	1.72	-1.55	47.48	+4.47
Guinea Mills	3.92		2.75		3.59		3.90		8.33		4.22		2.92		3.12		7.07		1.43		2.13		2.53		45.91	
Hawfield	4.21	+0.71	3.57	+0.41	4.86	+1.34	4.71	+1.22	9.09	+4.51	6.45	+1.84	2.16	-2.72	4.55	+0.85	3.57	+0.01	1.24	-1.97	1.90	-0.59	2.29	-0.65	48.60	+4.96
Leeds Manor			2.69		4.25		2.99		9.02		3.15		3.85		2.80		9.05		0.35		1.80					
Lincoln	4.80	+1.77	2.98	+0.55	4.69	+1.69	3.13	-0.32	6.95	+3.76	3.63	-1.83	2.70	-0.86	3.31	-1.21	3.86	+1.10	0.80	-2.13						
Lynchburg	3.37	-0.85	1.87	-1.75	2.77	-1.04	3.35	+0.18	5.16	+1.17	3.58	-0.31	3.74	-0.29	4.80	+0.55	4.69	+1.06	2.48	-0.90	1.45	-1.34	3.34	+0.07	40.60	+2.95
Macon	3.09		1.78		3.54		4.82		7.66		6.94		1.08		5.32		7.79		0.83		1.57		2.47		46.89	
Manassas	3.63		2.81		4.66		4.26		7.98		2.17		0.96		5.11											
Mayhurst	4.12	+0.86	2.95	-0.01	2.82	-0.85	4.10	+0.85	8.69	+4.27	6.45	+0.92	2.77	-2.03	3.93	-1.06	7.22	+4.03	0.78	-2.60	2.12	-0.10	1.75	-1.82	47.70	+2.46
Mineral	3.60		2.34		3.18		4.83		7.42		5.53		2.62		4.31		6.32		1.92		2.02		2.54		46.33	
Mount Weather	4.70	+1.60	2.68	+0.58	5.83	+3.23	1.29	-2.16	8.40	+4.95	1.99	-3.47	2.88	-0.93	1.94	-3.24	9.96	+6.88	1.03	-2.77	1.29	-0.79	1.37	-1.54	43.86	+2.54
New Canton	3.78	+0.32	3.01	-0.07	3.62	-0.37	3.63	+0.41	9.12	+5.63	5.28	+1.26	2.22	-1.69	5.10	+0.25	7.15	+3.77	1.40	-1.71	1.82	-0.48	2.67	-0.43	48.80	+6.99
Quantico	3.00	-0.12	2.86	+0.20	6.81	+3.58	2.26	-0.92	2.64	-0.81									1.78	-1.22	2.66	+0.75	2.04	-0.96		
Randolph	4.46	+1.14	2.98	-0.03	3.38	-0.20	3.86	+0.96	8.21	+4.38	4.51	+0.89	3.43	-1.25	2.18	-1.75	5.40	+2.81	2.08	-0.75	1.75	-0.47	3.05	-0.24	45.29	+4.99
Rocky Mount	5.17	+2.02	2.60	-0.85	3.48	-0.54	4.46	+1.20	4.79	+0.87	6.31	+1.60	4.18	-0.74	3.77	-0.67	10.41	+7.09	1.45	-2.27	2.38	-0.19	4.79	+1.16	53.99	+8.68
Stuart	5.13		3.43		2.72		4.41		4.20		2.99		5.80		3.57		9.61		1.29		2.18		5.90		51.23	
Washington, D. C.	3.21	-0.16	3.05	-0.46	6.17	+2.32	5.39	+2.14	6.73	+2.90	3.89	-0.29	2.76	-1.89	5.07	+0.67	7.86	+4.27	0.44	-2.65	1.47	-1.24	2.98	-0.18	49.02	+5.52
Means	3.96	+0.72	2.76	-0.25	4.01	+0.66	4.06	+0.63	7.63	+3.90	4.63	+0.17	3.11	-1.30	3.90	-0.56	7.26	+3.88	1.41	-1.61	1.82	-0.58	2.93	-0.50	47.48	+5.16
Great Valley																										
Blacksburg	4.23	+1.01	2.28	-0.89	4.32	+0.60	3.71	+0.53	6.04	+2.21	2.56	-2.05	5.98	+0.68	6.49	+2.50	5.75	+2.61	1.66	-1.32	2.21	-0.04	3.82	+0.81	49.05	+6.55
Buchanan	4.81	+1.27	2.05	-0.67	3.74	-0.71	2.88	-0.07	6.95	+3.00	3.69	-0.58	3.48	-1.49	6.76	+2.69	7.57	+4.13	0.84	-2.80	2.16	+0.16	4.31	+1.00	49.24	+7.66
Burkes Garden	3.14	-0.53	1.33	-1.37	4.61	-0.59	4.18	-0.31	4.35	+0.01	3.00	-2.16	3.64	-1.07	4.97	+0.46	8.17	+4.65	0.95	-2.22	3.40	+0.59	3.64	+0.05	46.08	+1.87
Catawba Sanatorium	4.14	-0.83	1.76	-1.11	2.97	-1.06	2.86	-0.36	5.89	+2.49	3.34	-1.36	7.18	+0.89	6.97	+2.58	7.28	+4.03	1.02	-2.54	2.31	-0.05	3.84	+0.33	48.16	+1.67
Dale Enterprise	3.83	+1.07	2.42	-0.31	2.63	-0.54	2.48	-0.55	8.68	+4.48	5.00	-0.24	2.71	-1.69	4.02	+0.01	5.01	+1.74	1.47	-1.30	2.47	+0.34	1.28	-1.42	42.00	+1.59
Dante	4.42		2.76		3.20		3.60		6.10		5.56		5.74		3.50		7.47		1.02		1.95		5.86		51.18	
Hot Springs	4.60	+1.23	1.38	-1.50	2.77	-1.16	1.81	-1.64	7.25	+3.44	3.68	-1.16	5.32	+1.32	6.90	+3.80	6.12	+2.80	0.05	-3.01	2.60	+0.3				

## Monthly and Annual Mean Temperatures for the Year 1924, 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																										
Ashland									60.7	-4.9	71.3	-1.0	72.8	-3.9	74.3	-1.0	64.2	-4.9	54.7	-3.4	46.6	-0.5	37.9	0.0		
Cape Henry	41.9	+1.7	39.6	-1.6	45.5	-1.1	53.4	-1.2	63.9	-0.3	72.2	-0.7	75.4	-2.1	72.1	+0.2	69.0	-2.8	60.2	-1.9	51.6	-0.5	45.0	+1.3	57.9	-0.7
Dahlgren	35.6		35.0		43.3		51.4		60.7		71.9		74.0		75.0		65.4		57.3		47.6					
Diamond Springs	43.1	+1.0	41.2	-0.9	48.4	-0.3	56.2	-1.3	66.1	0.0	74.5	+1.2	76.2	-1.1	76.9	0.0	68.9	-3.4	59.3	-4.0	52.6	+1.7	46.4	+4.4	59.2	-0.2
Franklin	39.8		39.3		46.3		55.1		66.4		76.4		77.0		77.0		67.2		57.8		49.2		43.2		57.9	
Hopewell	40.8		39.8		47.3		56.6		66.6		77.8		78.2		79.2		70.0		61.0		51.2		43.3		59.3	
Langley Field	41.9	+1.4	38.3	-1.9	46.2	-1.7	54.2	-1.7	64.5	-1.5	73.5	-1.1	76.1	-2.9	78.0	+0.3	69.0	-3.0	60.3	-0.8	51.2	+1.2	44.6	+2.5	58.2	-0.7
Newport News	39.2	-1.9	38.4	-1.4	44.9	-3.0	53.2	-3.7	63.8	-3.7	72.7	-0.7	74.0	-4.0	75.4	-1.8	67.2	-4.6	58.7	-3.4						
Norfolk	42.2	+1.6	40.5	-2.2	46.8	-1.4	55.4	-1.4	65.2	-1.0	73.9	-0.5	76.6	-2.1	77.6	+0.2	68.8	-2.8	62.0	-0.5	51.6	+0.2	44.4	+1.3	58.8	-0.7
Onley	38.8		36.4		44.4		51.8		62.0		72.0		74.8		76.6		66.3		58.0		52.8		40.1		56.2	
Richmond	38.0	+0.1	38.2	-1.4	45.6	-1.6	54.0	-2.6	62.8	-3.7	72.8	-1.3	75.2	-3.3	76.4	-0.1	65.8	-4.7	58.6	-1.0	48.8	+0.5	40.5	+0.7	56.4	-1.5
Runnymede	40.4	+0.9	39.3	+1.3	48.1	+0.1	55.5	-0.7	64.4	-1.8	72.4	-0.2	74.3	-2.9	76.2	+0.4	66.4	-3.1	58.4	-0.5	50.6	+1.8	42.2	+2.0	57.4	-0.3
Urbanna									62.6		72.9		72.6		73.4		64.8		54.6		49.2		41.6			
Warsaw			34.4	-2.6	42.6	-3.1																	38.1	+0.5		
Williamsburg	40.0	-0.2	39.5	-0.9	46.0	-2.4	54.1	-2.7	64.0	-1.1	73.4	+1.1	75.4	-1.4	76.4	+0.8	67.0	-2.5	58.6	-1.5	49.6	+1.3	41.5	+1.0	57.1	-0.7
Means	40.1	+0.6	38.5	-1.4	45.8	-1.6	54.2	-1.9	63.8	-2.0	73.4	-0.8	75.2	-2.6	76.4	-0.1	67.1	-2.6	58.5	-1.9	50.2	+0.8	42.2	+1.5	57.1	-1.0
Middle Virginia																										
Callaville	35.4	-3.6	37.6	-0.7	44.2	-4.3	53.0	-3.4	62.9	-3.1	73.2	+0.3	74.2	-2.7	75.2	-0.8	64.8	-5.1	56.8	-2.8	48.8	+0.2	41.2	+1.2	55.6	-2.1
Charlottesville	35.2	-0.9	35.6	-1.1	44.2	-1.9	53.7	-2.3	61.6	-4.5	71.8	-0.5	74.4	-1.7	75.9	+1.2	64.4	-4.1	59.8	+1.3	47.6	-0.1	37.3	-0.3	55.1	-1.3
Chatham	36.8		39.6		46.2		55.2		62.4		75.2		74.9		78.0		65.2		58.3		48.8		41.2		56.8	
Clarksville	34.6		36.7		44.6		55.1		63.4		74.2		74.2		76.0				55.4		48.1		39.3			
Columbia	36.5	-0.2	36.0	-0.5	44.8	-1.7	53.2	-1.7	62.6	-3.2	73.3	+2.0	75.5	+0.2	76.0	+1.6	65.6	-2.2	56.8	-1.0	47.9	+1.8	37.4	+0.5	55.5	-0.3
Culpeper	33.4	-0.6	32.2	-2.7	42.6	-1.5	51.0	-3.5	59.6	-5.3	70.0	-1.2	73.0	-2.0	74.1	-0.6	62.4	-4.2	55.6	-0.8	44.4	+0.4	35.2	+0.5	52.8	-1.7
Danville	38.6	+0.2	40.0	-2.2	46.9	-5.2	56.0	-3.4	63.7	-4.5	76.6	+0.5	77.2	-1.8	79.8	+1.9	68.4	-4.1	60.4	-1.8	51.0	+1.1	41.8	+1.0	58.4	-1.5
Fredericksburg	36.8	+0.5	35.7	0.0	44.4	-1.8	51.8	-3.2	61.0	-4.2	70.8	-1.3	73.1	-3.4	74.4	-0.7	64.3	-4.5	57.2	-0.8	48.0	-1.3	39.0	+2.2	54.7	-1.3
Leeds Manor			32.0		40.4		48.3						70.0		73.2		63.2		59.6		47.1					
Lincoln	33.1	+1.3	32.3	+0.5	42.2	-1.0	51.2	-2.0	59.9	-4.1	71.7	+1.1	73.4	-2.5	74.8	+1.1	63.8	-3.8	59.2	+2.4						
Lynchburg	36.2	-1.3	37.8	-2.6	45.5	-1.8	54.1	-3.2	61.4	-5.9	72.1	-2.5	74.0	-3.5	76.0	+0.4	64.0	-5.0	58.4	-0.1	47.7	+0.5	40.2	+0.7	55.6	-2.0
Mayhurst	35.3	-0.6	35.4	+0.1	43.4	-2.8	53.8	-1.4	61.2	-4.2	70.2	-1.5	72.8	-3.3	74.3	-0.6	65.5	-3.1	59.4	+0.4	48.0	+2.8	39.3	+3.0	54.9	-0.9
Mineral	33.7		33.0		41.6		49.6		58.8		68.8		71.4		73.8		63.5		54.6		45.8		36.6		52.6	
Mount Weather	30.4	+0.1	27.4	-1.1	36.2	-2.5	47.6	-1.3	54.6	-4.6	66.3	+0.1	68.8	-1.9	70.4	+0.9	58.0	-5.9	55.0	+1.1	42.2	+0.6	32.2	+0.9	49.1	-1.1
New Canton	36.4	-0.3	36.4	-0.2	45.1	-1.6	53.0	-2.3	60.5	-4.9	71.0	-1.1	72.6	-3.7	74.2	-0.7	63.9	-4.8	56.2	-1.3	48.4	+2.0	39.9	+2.8	54.8	-1.3
Quantico	35.6	+1.2	34.9	+1.8	45.0	0.0	53.0	-1.1	61.8	-2.3	71.5	+0.3	76.0	-1.1	75.8	+1.5	65.6	-2.5	58.0	+0.8	45.6	+0.7	36.0	+0.6	54.9	0.0
Rocky Mount	33.4	-4.7	35.8	-1.9	42.8	-4.4	52.6	-3.5	58.6	-6.8	69.7	-2.3	70.4	-4.9	72.3	-2.1	62.2	-6.9	52.2	-5.5	44.8	-3.0	37.1	-1.5	52.7	-3.9
Stuart	36.6		37.0		45.0		54.7		61.1		72.2		72.3		75.0		64.4		59.2		49.3		40.6		55.6	
Washington, D.C.	35.0	+1.6	34.2	-1.1	42.6	0.0	51.9	-1.4	60.0	-3.7	71.3	-0.9	75.0	-1.8	74.8	-0.2	64.2	-3.9	57.4	0.0	46.0	+0.8	36.4	-0.2	54.1	-0.9
Means	35.2	-0.5	35.2	-0.8	43.6	-2.2	52.6	-2.4	60.8	-4.4	71.5	-0.5	73.3	-2.4	74.9	+0.2	64.1	-4.3	57.3	-0.6	47.2	+0.5	38.3	+0.9	54.5	-1.4
Great Valley																										
Blacksburg	31.6	-1.3	33.4	+0.7	39.3	-3.4	50.7	+0.3	56.4	-3.9	68.2	+0.6	68.6	-2.1	70.0	+0.2	59.6	-4.4	53.5	+0.2	43.4	+1.2	33.6	-0.4	50.7	-1.0
Buchanan	31.6		34.4		41.0		52.0		58.7		68.3		69.6		75.1		64.8		57.4		47.5		39.2		53.3	
Burkes Garden	28.0	-3.6	29.2	-1.5	35.0	-5.7	47.5	+0.4	51.2	-6.2	63.9	+0.2	63.4	-0.6	66.0	0.0	55.4	-4.5	48.4	-1.4	40.6	+0.6	33.4	+1.9	46.8	-1.7
Catawba Sanatorium	33.4	-2.9	34.7	-3.3	40.8	-5.2	52.0	-2.4	58.4	-4.7	68.9	-1.0	71.0	-1.4	71.8	+0.3	62.4	-3.9	57.4	0.0	47.1	+0.8	37.6	-0.4	53.0	-2.0
Dale Enterprise	33.5	+0.5	32.6	-1.2	41.1	-1.4	50.2	-2.1	57.2	-5.5	68.2	-2.0	71.2	-2.4	73.2	+1.1	62.2	-4.0	55.8	+0.4	44.4	+0.8	35.5	+0.9	52.1	-1.2
Dante	32.5		35.1		41.0		53.8		56.2		69.5		69.0		72.5		61.0		56.4		46.0		36.1		52.4	
Hot Springs	31.0	-0.4	31.5	+0.6	38.3	-3.7	49.2	-0.4	55.4	-4.5	67.1	+0.5	67.5	-1.6	69.4	+0.1	58.9	-3.2	52.5	0.0	41.8	-0.5	34.0	+0.8	49.6	-1.0
Lexington	32.6	-1.4	34.6	-0.3	42.2	-1.6	51.6	-1.5	58.4	-4.6	71.0	+0.4	72.5	-1.9	73.2	+0.1	63.4	-2.9	55.4	0.0	44.4	-1.3	36.1	+1.0	53.0	-1.1
Marion	32.3	-1.6	34.0	-1.8	40.2	-2.7	52.0	-0.4	56.5	-5.8	69.6	-0.4	69.2	-3.3	72.2	+0.9	60.4	-4.9	55.0	+2.3	44.4	+0.5	36.5	+0.2	51.9	-1.4
Roanoke	35.0	-1.9	37.5	+1.0	44.8	-2.3	54.6	-1.3	61.4	-4.0	72.9	+2.1	73.0	-2.2	74.7	+0.3	64.2	-2.5	57.0	-0.3	47.2	+1.3	39.6	+2.5	55.2	-0.6
Saltville	32.4		34.8		42.2		54.8		60.0		70.4		70.0		77.8				56.4		46.0					
Winchester	32.6	-0.4	32.4	-1.2	41.3	-0.6	52.0	-0.9	59.6	-4.2	71.8	-0.2	75.0	-1.0	76.4	+2.1	63.0	-3.9	60.3	+4.2	45.6	+0.9	37.1	+1.6	53.9	-0.3
Wise	31.5		33.9		38.8		53.3		55.8		70.0		68.6		72.0		59.7									
Woodstock	30.4	-2.8	29.8	-2.6	39.8	-3.9																				
Wytheville	30.6	-2.4	32.2	-2.9	39.5	-2.8	50.6	-1.4	56.1	-5.3	68.7	0.0	68.4	-4.2	70.9	+0.4	58.8	-4.8	54.1	+0.5	44.2	+1.2	36.6	+1.3	50.9	-1.7
Means	32.0	-1.7	33.3	-1.1	40.4	-3.0	51.7	-1.0	57.2	-4.9	69.2	0.0	69.8	-2.1	72.4	+0.6	61.1	-3.9	55.3	+0.6	44.7	+0.6	36.4	+0.9	52.0	-1.2
State																										