

CLIMATOLOGICAL DATA

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VIRGINIA SECTION

F. N. HIBBARD

VOL. XLV

RICHMOND, VA., YEAR 1935

No. 13

GENERAL SUMMARY

The year 1935 was slightly colder and considerably wetter than usual for the State as a whole, the mean temperature 55.4°, being 0.4° lower than the 45 year average, and the precipitation, 46.68 inches, being 5.04 inches greater than normal. This amount of precipitation has been exceeded only four times during the period of record.

In temperature, January, April, May, June, September and December were below normal, the last named month ranking next to the coldest of record. March and November were the only unusually warm months, the former being the fifth and the latter, the eighth warmest in 45 years. Among the stations, averages ranged from 50.0° at Burkes Garden in the Mountain section to 59.5° at Norfolk and Diamond Springs in the southeastern section. Record extremes of temperature for the State were not approached during the year or during any month.

In precipitation, February, May, October and December were the only months drier than usual; while both January and September ranked fifth wettest of record. Amounts were well distributed over the State, ranging from extremes of 33.80 and 58.65 inches in Tidewater to 34.00 and 57.26 inches in the Mountain section. The number of rainy days, 119, lacked only five days of equalling the record established in 1906.

In general, weather conditions were favorable to farm crops. Cold periods during January, February and December damaged southeastern truck considerably, and January low temperatures killed a heavy percentage of the Great Valley peach buds; but with the approach of warm spring weather the growth of all crops was rapid. Corn, tobacco, cotton, peanuts and fruit matured well, although some delay occurred in harvesting on account of wet weather.

Outstanding events of the year were the storms, floods, and freezes of January entailing a loss of \$230,000; the hailstorms of June damaging crops and fruit to the extent of \$150,000; the Giles County storm of July with a damage of \$125,000; the September tornadoes, with a total damage of \$100,000; and the excessive rains and floods of September, with a loss of \$2,000,000, principally to crops and highways.

MONTHLY STATE DATA, 1935

Month	Temperature			Precipitation			Number of days			
	Mean	Highest	Lowest	Average	Greatest 24-hour	Average snow-fall	Rainy	Clear	Partly cloudy	Cloudy
January	35.6	78	-16	4.80	3.12	7.9	10	11	7	13
February	38.0	75	-2	2.60	1.62	0.9	8	11	8	9
March	50.6	87	11	4.95	2.40	0.6	13	9	8	14
April	52.0	92	12	4.26	2.00	0.8	13	10	7	13
May	61.8	91	29	3.62	2.33	0.0	13	13	9	9
June	71.0	99	36	3.46	4.86	0.0	10	15	11	4
July	75.9	101	48	5.06	5.39	0.0	12	12	13	6
August	74.5	100	37	3.81	3.90	0.0	10	14	10	7
September	67.0	93	27	5.48	7.79	0.0	7	15	7	8
October	57.6	89	17	2.24	3.24	T	6	18	9	4
November	49.8	84	7	4.02	3.79	0.7	11	10	7	13
December	31.0	70	-14	2.31	1.84	10.5	10	10	7	14

KILLING FROSTS, 1935

Stations	Last in spring	First in autumn	Stations	Last in spring	First in autumn
<i>Tidewater Virginia</i>			<i>Middle Virginia Con't.</i>		
Cape Henry	Feb. 25	Nov. 26	Orange	Apr. 16	Nov. 19
Christchurch	Apr. 16	Nov. 19	Pinnacles	Apr. 16	Oct. 5
Dahlgren	Apr. 16	Nov. 17	Powhatan	Apr. 16	Oct. 6
Diamond Springs	Mar. 1	Nov. 25	Quantico	Apr. 16	Nov. 23
Emporia	Apr. 17	Oct. 7	Randolph	Apr. 17	Oct. 7
Holland	Mar. 15	Oct. 8	Rockymount	Apr. 17	Nov. 21
Hopewell	Mar. 15	Nov. 19	Stuart	Apr. 17	Oct. 7
Langley Field	Mar. 1	Nov. 24	Washington	Apr. 16	Nov. 24
Norfolk	Mar. 1	Nov. 24	<i>Great Valley</i>		
Onley	Apr. 16	Oct. 8	Afton	Apr. 16	Oct. 5
Richmond	Mar. 15	Nov. 19	Berryville	Apr. 16	Oct. 5
Tappahannock	Apr. 18	Nov. 19	Blacksburg	Apr. 17	Oct. 5
Walkerton	Mar. 29	Oct. 7	Buchanan	Apr. 16	Oct. 5
Wallacetown	Mar. 15	Nov. 24	Burkes Garden	Apr. 23	Sept. 30
Williamsburg	Mar. 15	Nov. 24	Catawba Sanatorium	Apr. 17	Oct. 7
<i>Middle Virginia</i>			Dale Enterprise	Apr. 18	Oct. 5
Callaville	Apr. 18	Oct. 7	Damascus	Apr. 17	Oct. 7
Charlottesville	Apr. 16	Nov. 23	Dante	Apr. 17	Oct. 7
Chatham	Apr. 17	Oct. 7	Deerfield	Apr. 17	Oct. 5
Clarendon	Apr. 16	Oct. 8	Emory	Apr. 17	Oct. 2
Clarksburg	Mar. 15	Nov. 24	Floyd	Apr. 17	Sept. 30
Columbia	Mar. 15	Oct. 7	Glen Lyn	Apr. 16	Oct. 7
Culpeper	Apr. 16	Oct. 9	Hot Springs	Apr. 23	Sept. 30
Danville	Mar. 15	Oct. 7	Lexington	Apr. 17	Oct. 7
Farmville	Mar. 1	Oct. 7	Mendota	Apr. 17	Oct. 7
Fredericksburg	Apr. 18	Oct. 8	North River Dam	Apr. 17	Sept. 30
Halifax	Apr. 17	Oct. 7	Pennington Gap	Apr. 18	Oct. 2
Kenbridge	Apr. 17	Nov. 19	Roanoke	Apr. 16	Oct. 7
Lincoln	Apr. 17	Oct. 5	Saltville	Apr. 17	Oct. 5
Lynchburg	Mar. 15	Oct. 7	Staunton	Apr. 17	Sept. 30
Manassas	Apr. 16	Oct. 5	Winchester	Apr. 17	Oct. 5
Martinsville	Apr. 18	Oct. 9	Woodstock	Apr. 18	Oct. 5
Mineral	Apr. 18	Oct. 9	Wytheville	Apr. 17	Oct. 5
Mount Weather	Apr. 15	Oct. 6			
New Canton	Apr. 16	Oct. 7			

COMPARATIVE ANNUAL DATA FOR THE STATE

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
NORMALS OR EXTREMES	55.8	109	-29	41.64	16.9	104	162	102	101
1891	55.6	106	-3	47.94	.....	95	163	101	102
1892	54.6	104	-26	39.45	.....	96	156	101	109
1893	54.7	104	-14	46.22	23.1	103	156	100	109
1894	56.8	106	-11	35.76	17.0	88	166	104	95
1895	54.4	107	-18	38.23	38.8	94	174	103	88
1896	56.6	105	-10	42.64	12.3	93	163	106	97
1897	56.0	103	-15	39.19	11.8	92	171	99	95
1898	56.6	105	-9	44.71	8.7	108	162	101	102
1899	55.4	106	-29	42.20	36.7	98	176	95	94
1900	57.1	107	-8	39.52	18.6	86	181	91	93
1901	54.5	106	-14	49.99	9.5	100	167	94	104
1902	55.6	108	0	40.67	14.9	95	170	97	98
1903	54.9	105	-13	44.09	8.4	95	172	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	99
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	38.91	18.6	103	165	106	95
1917	53.3	103	-27	40.11	23.7	114	158	107	100
1918	55.5	108	-22	43.48	24.7	105	159	97	109
1919	56.8	103	-16	41.65	7.4	102	161	99	105
1920	54.8	99	-9	45.91	7.1	106	162	89	115
1921	58.4	104	-12	34.94	13.8	97	161	102	102
1922	56.9	100	-13	45.15	24.8	110	145	107	118
1923	56.1	103	-1	40.90	10.3	104	188	96	101
1924	54.4	107	-12	47.34	12.8	105	165	90	111
1925	56.6	103	-14	32.53	9.5	98	160	99	106
1926	55.5	107	-6	41.41	16.5	112	157	97	111
1927	56.5	104	-7	41.64	10.4	113	148	103	114
1928	55.7	103	-5	43.07	9.2	110	151	112	103
1929	56.2	99	-8	46.31	16.7	115	155	97	113
1930	56.9	109	-13	24.90	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

Climatological Data for the Year 1935

Stations	Counties	Elevation, feet	Temperature, degrees Fahrenheit						Precipitation						Number of rainy days	Sky				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month		Total snowfall	Number of clear days	Number of partly cloudy days	Number of cloudy days	
Tidewater Virginia																				
Cape Henry	Princess Anne	20	62	58.8	97	Aug. 2	10	Dec. 26	62	38.00	5.64	Apr.	1.59	Oct.	16.2	121	104	116	145	sw.
Christ Church	Middlesex	87	11	57.7	95	Aug. 3†	5	Dec. 26	12	49.23	6.94	Aug.	1.91	Dec.	11.2	128	109	129	127	n.
Dahlgren	King George	18	16	56.0	97	Aug. 3	3	Jan. 28	16	51.82	13.22	Sept.	1.47	Oct.	18.9	148	74	143	148	n.
Diamond Springs†	Princess Anne	25	27	59.5	93	Aug. 2	4	Dec. 26	27	50.97	8.95	July	0.97	Oct.	17.0	91	160	137	59	ne.
Emporia	Greensville	100	3	58.3	96	Aug. 3	4	Jan. 28	5	50.32	9.82	July	1.84	Oct.	14.5	111	204	71	90	sw.
Holland	Nansemond	80	3	58.3	96	Aug. 3	4	Jan. 28	3	51.27	13.75	July	0.60	Oct.	14.5	89	172	39	154	sw.
Hopewell	Prince George	40	44	58.9	95	Aug. 3†	1	Jan. 28	48	50.18	8.38	July	1.30	Oct.	17.0	113	83	171	111	ne.
Langley Field	Elizabeth City	10	51	58.1	95	June 18†	6	Dec. 26	99	33.80	5.86	July	0.22	Oct.	13.4	117	94	115	156	w.
Norfolk	Norfolk	91	65	59.5	96	Aug. 3	9	Dec. 26	65	44.09	7.80	July	0.78	Oct.	16.8	133	74	100	191	ne.
Onley	Accomac	40	17	57.0	94	Aug. 2†	5	Jan. 28	18	47.84	6.80	Nov.	1.36	Oct.	20.2	113	102	163	100	nw.
Richmond	Henrico	170	56	57.3	96	Aug. 13	1	Jan. 28	64	50.56	9.23	Sept.	1.73	Oct.	18.4	130	106	110	149	sw.
Tappahannock	Essex	25	5	56.5	97	Aug. 13	—	Jan. 28	5	54.44	14.42	Sept.	1.45	Oct.	15.2	99	258	44	63	w.
Walkerton	King and Queen	35	3	53.7	93	June 27†	—	Jan. 28	3	58.11	12.85	Sept.	1.20	Oct.	18.1	132	151	118	96	n.
Wallaceton	Norfolk	15	15	53.7	93	June 27†	—	Jan. 28	10	51.78	10.14	July	0.82	Oct.	22.5	114	206	72	87	sw.
Williamsburg	James City	70	41	58.7	95	June 19†	5	Jan. 28	35	58.65	10.21	July	1.81	Oct.	...	...	...	...	...	sw.
Means and extremes				57.7	97	Aug. 2†	—	Jan. 28		49.41	14.42	Sept.	0.26	Oct.	16.7	117	136	109	120	sw.
Middle Virginia																				
Bedford	Bedford	950	41	56.3	97	Aug. 2	—	Jan. 28†	22	47.19	6.18	Sept.	2.16	Oct.	...	...	...	...	...	sw.
Callville	Brunswick	250	41	56.3	97	Aug. 2	—	Jan. 28†	41	50.06	7.51	Sept.	1.06	Oct.	12.7	90	182	107	76	w.
Charlottesville (near)	Albemarle	854	43	56.0	98	Aug. 13	2	Dec. 26	60	49.17	7.67	July	2.15	Oct.	18.1	123	121	108	136	n.
Chatham	Pittsylvania	852	13	57.2	99	Aug. 2	0	Jan. 28†	14	46.77	6.36	Mar.	1.66	Oct.	12.0	128	187	89	89	s.
Clarendon	Arlington	200	17	57.5	100	Aug. 3	0	Dec. 31	11	41.09	7.74	Sept.	1.72	Dec.	32.3	128	198	79	88	nw.
Clarksburg	Mecklenburg	286	17	57.5	100	Aug. 3	0	Dec. 31	45	44.56	6.24	Sept.	1.50	June	10.3	128	216	11	138	e.
Columbia	Fauquier	246	35	56.6	99	Aug. 13	—	Jan. 28	38	51.27	9.37	Sept.	2.25	Oct. †	14.7	115	193	46	126	s.
Culpeper	Culpeper	400	28	55.0	95	July 20†	—	Jan. 28	29	41.89	6.31	Sept.	2.24	June	32.3	117	248	26	91	s.
Danville	Pittsylvania	564	20	58.8	100	July 1†	4	Dec. 23	45	38.35	5.46	Mar.	1.57	Oct.	9.9	128	116	119	130	w.
Farmville	Prince Edward	450	14	56.4	95	June 30†	—	Jan. 28	16	46.22	5.33	Sept.	1.66	Oct.	13.0	117	102	112	151	sw.
Fredericksburg (near)	Spottsylvania	75	42	55.8	99	July 20†	—	Jan. 28	44	44.20	9.39	Sept.	1.60	Oct.	32.4	120	157	122	86	s.
Halifax	Halifax	425	4	56.6	98	June 28	—	Jan. 28	4	42.30	6.92	Mar.	2.09	June	17.2	109	224	26	115	w.
Kenbridge	Lunenburg	500	4	56.6	98	June 28	—	Jan. 28	4	46.35	6.38	Sept.	1.35	Oct.	...	...	...	...	...	nw.
Lincoln †	Loudoun	500	34	55.4	101	July 11†	—	Jan. 28	35	37.88	5.89	Sept.	1.97	July	36.0	98	161	85	119	s.
Lynchburg	Campbell	681	64	57.3	100	Aug. 3	1	Dec. 23	64	58.64	8.53	June	2.18	Oct.	11.5	174	36	243	81	sw.
Manassas (near)	Prince William	156	20	55.0	97	June 27†	—	Jan. 28	19	40.51	8.57	Sept.	0.91	July	29.0	111	141	113	111	sw.
Martinsville	Henry	1,014	20	55.0	97	June 27†	—	Jan. 28	5	44.46	5.52	Mar.	2.32	Dec.	11.5	120	154	147	64	sw.
Mineral (near)	Louisa	250	20	55.0	97	June 27†	—	Jan. 28	20	43.80	9.04	Sept.	1.53	July	24.2	102	173	78	114	s.
Mount Weather †	Loudoun	1,725	31	50.7	91	Aug. 1	—	Jan. 28	32	35.97	5.75	Sept.	0.99	Feb.	47.5	98	46	117	202	w.
New Canton	Buckingham	300	40	56.0	95	Aug. 13	—	Jan. 28	42	51.49	9.59	Sept.	2.62	Oct.	21.0	122	144	122	99	sw.
Orange	Orange	514	20	55.0	97	June 27†	—	Jan. 28	29	41.78	9.00	Sept.	1.74	Feb.	28.8	83	222	77	66	w.
Pinnacles	Patrick	2,820	2	55.8	98	July 20†	—	Jan. 28	2	55.28	7.68	July	1.75	Dec.	12.9	113	163	98	84	w.
Powhatan	Powhatan	100	20	55.0	97	June 27†	—	Jan. 28	13	48.05	7.98	Sept.	1.88	Oct.	...	...	...	...	...	sw.
Quantico	Prince William	20	35	54.6	97	Aug. 3	—	Jan. 28	31	40.20	7.95	Sept.	0.96	July	26.6	133	81	167	117	nw.
Randolph	Charlotte	834	39	56.8	97	Aug. 1†	—	Jan. 28	41	45.87	5.40	July	2.13	Dec.	114	139	89	137	nw.	
Rocky Mount	Franklin	1,132	39	56.8	97	Aug. 1†	—	Jan. 28	42	44.25	6.26	July	1.76	Aug.	90	244	18	103	86	sw.
Stuart	Patrick	1,188	13	58.0	98	July 1	—	Jan. 28†	13	48.26	9.14	July	1.54	Oct.	7.5	133	124	123	108	sw.
Washington, D. C.	...	112	65	55.8	98	July 20†	—	Jan. 28	65	43.53	8.08	Sept.	2.06	Dec.	39.4	141	103	119	143	nw.
Means and extremes				56.1	101	July 11†	—	Jan. 28		45.33	9.59	Sept.	0.91	July	21.8	117	156	98	111	sw.
The Great Valley																				
Afton	Nelson	1,750	...	...	...	...	...	...	5	51.88	8.32	Aug.	2.05	Feb.	...	116	...	...	...	...
Balcony Falls	Rockbridge	725	...	...	...	...	...	...	5	43.37	5.39	Jan. †	1.66	May	10.5	94	179	66	120	w.
Berryville	Clarke	581	...	...	...	...	...	...	5	36.59	6.37	Sept.	1.49	July	38.5	91	...	...	...	w.
Big Meadows	Madison	3,500	...	...	...	...	...	...	1	57.26	8.94	July	2.35	June	...	...	...	...	...	nw.
Blacksburg	Montgomery	2,100	44	53.8	92	Aug. 6	1	Dec. 31	44	43.69	6.08	Mar.	1.70	Dec.	17.5	123	158	77	130	sw.
Buchanan	Botetourt	820	18	56.6	99	Aug. 3†	0	Dec. 31	35	47.05	6.16	Jan.	2.19	June	11.0	131	133	131	96	w.
Burkes Garden	Tazewell	3,250	39	50.0	88	Aug. 12	—	Dec. 31	41	55.61	7.37	Mar.	2.55	Sept.	37.8	139	177	96	92	w.
Catawba Sanatorium	Roanoke	2,100	25	54.5	92	Aug. 1†	2	Jan. 24	25	47.52	6.42	Jan.	2.05	Dec.	12.0	112	206	101	58	nw.
Clifton Forge	Alleghany	1,055	...	...	...	...	...	...	12	44.19	6.38	Mar.	1.88	May	...	120	147	65	153	w.
Clinchport	Scott	1,300	...	...	...	...	...	...	38	45.72	8.23	Mar.	0.65	Sept.	...	119	...	...	...	...
Dale Enterprise	Rockingham	1,350	54	53.6	95	Aug. 1	—	Jan. 28	56	42.15	6.11	Aug.	1.94	Dec.	40.4	127	124	150	91	s.
Danassus	Washington	1,923	3	54.5	95	July 23	—	Jan. 28	9	45.04	8.12	Mar.	1.40	Dec.	...	...	...	...	...	ne.
Danite	Russell	2,000	18	54.8	92	Aug. 7†	—	Dec. 27	19	55.44	8.36	Mar.	1.04	Sept.	24.8	151	107	127	131	sw.
Deerfield	Augusta	1,700	...	...	...	...	...	...	9	41.97	5.74	Jan.	1.99	Dec.	...	...	...	...	...	e.
Emory	Washington	2,112	10	54.3	92	June 30†	—	Dec. 31	11	50.39	10.25	Mar.	1.90	Sept. †	16.0	145	111	153	101	w.
Floyd	Floyd	2,600	3	52.4	90	June 27†	—	Jan. 24	3	47.67	7.91	Jan.	2.12	Nov.	8.5	100	174	47	144	n.
Glen Lyn	Giles	1,600	4	55.2	94	June 18	—	Dec. 31	22	54.85	8.10	July	1.13	Aug.	8.7	...	...	...	...	sw.
Hot Springs	Bath	2,195	42	51.2	88	June 18†	—	Jan. 25	44	50.46	5.92	Jan.	2.46	Dec.	28.4	136	139	122	104	sw.
Ivanhoe	Wythe	2,100	...	...	...	...	...	...	29	51.63	11.63	July	1.55	Dec.	...	...	...	...	...	...
Jewel Ridge	Tazewell	2,700	...	...	...	...	...	...	1	50.18	6.01	Mar.	1.86	Dec.	...	...	...	...	...	...
Lexington	Rockbridge	1,060	53	54.8	95	Aug. 1	—	Dec. 31	64	44.53	6.29	Sept.	1.39	Oct.	17.3	130	167	93	105	...
Mendota	Washington	1,350	...	...	...	...	...	...	31	43.79	9.34	Mar.								

Monthly and Annual Precipitation for the Year 1935, 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	2.64	-0.51	3.54	+0.31	3.12	-0.75	5.64	+2.34	2.37	-1.20	2.82	-1.14	4.97	-0.40	2.08	-2.78	2.61	-0.25	1.59	-1.42	4.17	+1.81	2.45	-0.99	38.00	-4.98
Christchurch	4.72	+0.95	2.60	-0.60	2.79	-0.57	5.81	+1.67	3.44	-0.29	3.20	-0.85	5.36	+0.98	6.94	+2.58	6.57	+2.71	2.47	-0.93	3.42	+1.38	1.91	-1.48	49.23	+5.55
Dahlgren	4.52	+1.67	3.01	+0.44	2.87	-0.43	3.76	+0.29	3.68	+0.79	4.51	+1.14	3.73	-0.45	4.58	-0.72	13.22	+10.58	1.47	-0.75	4.32	+2.09	2.15	-0.43	51.82	+14.22
Diamond Springs	4.05	+0.52	4.05	+0.71	4.65	+1.03	6.30	+3.09	3.01	-1.14	2.28	-2.83	8.95	+3.41	6.18	+1.90	3.45	-0.26	0.97	-1.97	4.79	+2.43	2.29	-1.82	50.97	+5.01
Emporia	3.67		3.03		4.48		4.85		2.72		2.53		9.82		3.96		7.36		1.84		3.66		2.40		50.32	
Holland	3.37		1.84		3.57		5.09		4.24		5.65		13.75		2.20		4.85		0.60		3.86		2.25		51.27	
Hopewell	3.66	+0.68	2.90	-0.48	4.82	+0.29	4.34	+0.95	3.39	-0.80	5.92	+1.30	8.33	+3.92	4.43	+0.04	6.44	+2.87	1.30	-1.56	3.07	+0.86	2.03	-1.20	50.18	+6.87
Langley Field	2.53	-0.49	2.23	-1.00	2.26	-1.34	5.51	+0.42	3.16	-0.54	1.41	-2.59	5.86	+0.88	4.16	-0.65	3.64	+0.44	0.22	-2.65	2.58	-0.06	2.24	-1.05	39.80	-8.63
Norfolk	3.10	0.00	3.53	+0.31	4.17	+0.40	5.22	+1.99	2.89	-0.92	1.81	-2.41	7.80	+2.05	3.63	-1.59	5.29	+2.06	0.78	-2.26	3.64	+1.48	2.23	-1.11	44.09	0.00
Onley	4.79	+1.61	2.65	-0.80	2.27	-1.56	4.80	+1.21	3.94	+0.69	2.53	-0.78	4.89	+0.85	6.30	+1.89	4.46	+1.54	1.36	-1.30	6.80	+4.56	3.05	-0.57	47.84	+7.35
Richmond	4.41	+1.20	2.13	-1.04	4.00	+0.32	4.40	+0.91	3.81	-0.02	2.22	-2.32	5.64	+0.91	3.68	-0.74	9.23	+6.98	1.73	-1.15	3.19	+0.98	2.12	-1.17	50.56	+8.54
Tappahannock	3.42		2.15		3.03		4.36		4.60		2.99		5.69		5.71		14.42		1.45		5.56		3.06		54.44	
Wakertown	5.37		2.18		3.64		4.55		4.16		4.84		5.81		7.51		12.85		1.20		3.97		2.03		58.11	
Williamscton (near)	2.73		3.55		4.64		6.26		4.01		3.57		10.14		2.81		4.39		0.82		5.74		3.12		51.78	
Williamsburg	4.00	+0.62	2.58	-0.86	4.07	+0.07	5.63	+2.00	3.19	-0.41	4.93	+0.06	10.21	+4.53	8.95	+3.85	7.55	+4.43	1.81	-1.14	3.55	+1.42	2.18	-1.56	58.65	+13.01
Means	3.80	+0.62	2.80	-0.30	3.59	-0.25	4.97	+1.48	3.51	-0.38	3.68	-0.58	7.40	+1.67	4.87	+0.38	7.09	+3.01	1.31	-1.51	4.02	+1.70	2.37	-1.14	49.41	+4.70
Middle Virginia																										
Bedford	*5.58	+2.64	2.99	-0.72	5.65	+1.69	4.43	+1.56	2.51	-1.19	2.84	-1.09	5.12	+1.56	2.90	-1.26	6.18	+3.01	2.16	-1.06	4.24	+1.87	2.59	-0.65	47.19	+6.36
Callville	4.73	+1.24	2.89	-0.69	5.65	+1.23	5.33	+1.54	3.51	-0.48	3.91	-0.27	4.76	-0.76	4.26	-0.63	7.51	+3.93	1.06	-2.06	3.53	+1.26	2.92	-0.49	50.06	+8.32
Charlottesville (near)	4.75	+1.48	2.19	-0.78	4.61	+1.15	3.28	-0.12	3.32	-0.77	2.98	-1.71	7.67	+3.38	3.20	-1.82	6.54	+2.96	2.15	-1.30	4.75	+2.18	3.73	+0.44	49.17	+6.59
Chatham	4.55	+0.95	3.41	+0.53	6.36	+2.70	8.86	+4.41	3.58	-0.01	4.22	+1.31	7.30	-0.09	2.65	-1.30	4.53	+1.46	1.66	-1.53	5.53	+3.18	2.72	-0.72	46.17	+6.89
Clarendon	5.24	+2.31	2.14	-0.46	2.27	-0.56	4.47	+0.69	3.97	+0.51	3.06	-0.55	1.90	-1.63	2.09	-3.16	7.74	+4.73	2.52	-1.39	3.97	+1.22	1.72	-0.76	41.09	+0.95
Clarksville	4.03	+0.73	2.20	-1.41	5.22	+1.54	5.11	+1.65	3.24	-0.77	1.50	-2.52	4.97	+0.53	3.23	-1.30	6.24	+3.13	2.35	-0.40	4.01	+1.78	2.46	-0.86	44.56	+2.15
Columbia	4.30	+0.97	2.50	-0.25	4.82	+1.21	3.55	+0.06	5.07	+1.42	5.18	+1.19	4.15	-0.13	4.52	+0.03	9.37	+6.39	2.25	-1.06	3.31	+0.99	2.25	-0.91	51.27	+9.83
Culpeper	5.43	+2.42	2.26	-0.12	2.71	-0.12	3.93	+0.54	2.46	-1.51	2.24	-2.47	3.28	-0.26	3.69	-0.81	6.31	+3.17	2.90	+0.16	4.24	+1.72	2.38	-0.52	41.89	+2.20
Danville	3.74	+0.28	2.27	-1.13	5.46	+1.77	3.56	+0.26	2.81	-0.94	1.83	-1.96	3.67	-0.79	1.98	-2.47	5.21	+2.13	1.67	-1.30	3.78	+1.43	2.47	-0.87	38.35	-3.59
Farmville	5.01	+2.17	3.36	+0.48	5.06	+0.64	4.93	+2.18	3.52	-0.63	3.41	-0.50	4.79	+0.88	2.71	-1.41	5.38	+2.67	1.66	-2.15	3.97	+1.74	2.47	-0.87	46.22	+5.20
Fredericksburg (near)	4.82	+1.07	1.87	-0.99	2.21	-1.27	3.78	+0.34	2.93	-0.92	3.60	-0.73	2.73	-1.55	6.10	+1.47	4.39	+6.15	1.60	-1.57	2.90	+0.74	2.77	-0.23	44.20	+2.51
Halifax	2.75		2.79		5.92		3.74		3.89		2.09		4.56		2.97		4.11		2.32		4.11		3.05		42.30	
Kenbridge	3.49		2.98		5.38		5.06		3.64		2.70		5.04		4.08		6.38		1.35		3.63		2.62		46.35	
Lincoln	4.47	+1.46	2.30	-0.19	3.16	+0.14	2.89	-0.54	3.33	-0.23	2.40	-2.37	1.97	-1.52	2.38	-1.82	5.89	+3.24	3.42	+0.45	3.49	+1.14	2.18	-0.61	37.88	-0.85
Lynchburg	5.27	+1.84	3.18	+0.03	5.70	+2.16	4.78	+1.83	3.26	-0.37	3.53	+4.74	6.76	+2.55	3.80	+0.02	7.53	+4.22	2.18	-0.97	5.05	+2.72	2.60	-0.66	58.64	+18.11
Manassas (near)	5.03	+1.69	1.94	-1.16	2.69	-0.78	4.78	+1.84	3.98	-0.13	2.35	-0.93	0.91	-2.90	2.26	-1.55	8.57	+6.14	2.62	-0.06	4.08	+1.67	1.70	-0.97	40.51	+2.56
Martinsville	4.69		3.42		5.52		3.28		2.98		3.53		3.74		4.01		4.63		3.17		3.17		2.32		44.46	
Mineral (near)	5.44	+2.38	2.29	-0.14	3.20	-0.23	4.12	+0.87	3.72	-0.02	3.12	-0.55	1.53	-0.27	3.55	-0.73	4.04	+6.28	3.13	+0.34	3.04	+0.71	1.62	-1.07	43.80	+5.17
Mount Weather	4.52	+1.63	0.99	-1.34	1.41	-1.39	5.01	+1.44	4.34	+0.57	2.31	-2.33	1.74	-2.17	1.60	-2.87	5.75	+2.88	2.62	-1.15	4.53	+2.02	1.15	-1.40	35.97	-4.22
New Canton	5.76	+2.31	2.83	-0.25	4.52	+0.74	4.65	+1.31	3.62	+0.09	4.18	+0.99	3.77	-0.14	2.93	-1.70	9.59	+6.51	2.62	-0.53	3.93	+1.54	3.09	-1.05	51.49	+10.32
Orange	4.63	+1.26	1.74	-1.05	2.79	-0.66	5.56	+0.36	2.54	-1.59	3.84	-0.76	2.13	-2.35	3.86	-1.22	9.00	+5.94	2.54	-0.87	3.31	+0.96	1.84	-1.53	41.78	-1.41
Pinnacles	5.33		2.65		6.37		2.91		4.30		5.85		7.68		3.68		6.33		3.82		4.61		1.75		55.28	
Powhatan	5.54	+2.61	2.15	-0.14	4.53	+1.58	4.51	+0.75	3.66	+0.36	3.59	+0.58	3.30	-0.39	4.40	0.00	7.98	+4.97	1.88	-0.77	4.04	+1.90	2.47	-0.52	48.05	+10.93
Quantico	4.25	+1.17	1.83	-0.62	2.47	-0.76	3.55	+0.30	3.41	+0.25	3.63	-0.31	0.96	-0.36	4.30	-0.32	7.95	+5.01	1.63	-1.13	2.91	+0.75	3.48	+0.79	40.20	+2.07
Randolph	4.20	+0.67	2.76	-0.37	3.94	+1.40	4.34	+1.17	4.25	+0.61	2.91	-0.94	5.40	+1.06	3.27	-1.02	4.58	+1.84	2.62	-0.25	4.47	+2.27	1.13	-1.23	45.87	+5.31
Rocky Mount	5.02	+1.66	1.90	-1.45	6.12	+2.12	3.16	-0.18	3.86	+0.16	3.53	-1.10	6.26	+1.45	1.76	-2.62	4.97	+1.38	2.07	-1.64	3.02	+0.43	2.58	-1.04	44.25	-0.83
Stuart	4.95	+1.90	2.68	-0.42	5.78	+1.59	4.21	+0.69	4.39	+0.87	2.67	-0.67	9.14	+4.56	3.47	-2.20	5.65	+1.76	1.54	-2.64	1.87	+1.11	1.91	-2.06	43.26	+2.30
Washington, D.C.	5.27	+1.72	2.37	-0.90	3.39	-0.36	3.95	+0.68	3.54	-0.16	3.40	-0.58	4.07	-0.29	3.29	-1.24	6.80	+3.95	2.76	-0.96	3.84	+1.45	2.39	-0.76	45.33	+3.87
Means	4.72	+1.61	2.46	-0.56	4.43	+0.65	4.08	+0.81	3.56	-0.20	3.40	-0.58	4.													

Monthly and Annual Mean Temperatures for the Year 1935, 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	39.4	-0.8	41.3	+0.1	53.0	+6.4	53.2	-1.4	63.4	-6.8	74.0	+1.1	77.5	0.0	77.1	+0.2	71.4	-0.4	61.6	-0.5	55.7	+3.6	37.5	-6.2	58.8	+0.1
Christchurch	37.9	-3.2	40.1	-2.5	53.8	+7.2	53.6	-2.0	63.4	-1.2	74.9	+1.4	77.4	-0.4	75.6	-0.8	68.6	-3.6	59.6	-0.2	53.4	+2.5	34.6	-7.7	57.7	-1.0
Dahlgren	33.6	-2.7	36.4	-2.1	50.4	+5.0	52.1	-2.0	61.8	-0.7	73.0	+0.6	78.1	+1.4	76.0	+1.6	67.8	-2.3	59.0	+1.2	51.4	+4.1	32.8	-6.0	56.0	-0.2
Diamond Springs	43.1	-0.2	44.9	+1.2	57.1	+7.3	54.6	-3.2	63.4	-2.4	73.1	-0.6	76.8	-0.8	75.0	-1.6	70.6	-1.8	60.6	-2.1	57.0	+4.8	37.6	-6.7	59.5	-0.5
Holland	38.8	...	41.2	...	55.4	...	54.6	...	63.9	...	76.8	...	78.4	...	75.5	...	69.2	...	59.3	...	54.1	...	34.1	...	58.3	...
Hopewell	38.0	-1.9	41.5	+0.7	55.6	+6.6	55.9	-1.4	65.4	-2.2	75.0	-0.3	78.4	-0.3	77.2	0.0	70.6	-1.5	60.4	+0.9	54.2	+4.7	34.4	-6.5	58.9	-0.1
Langley Field	38.1	-2.8	40.0	-1.0	53.0	+5.3	53.4	-2.7	63.6	-2.3	74.6	+0.4	78.2	-0.2	76.6	-0.8	70.3	-1.5	60.4	-1.1	54.2	+3.9	34.4	-7.8	58.1	-0.9
Norfolk	39.9	-0.7	42.8	+0.1	54.3	+6.1	54.7	-2.1	65.0	-1.2	75.9	+1.5	78.2	-0.5	77.4	0.0	71.4	-0.2	62.0	-0.5	55.6	+4.2	37.2	-5.9	59.5	0.0
Onley	38.4	-0.8	39.0	-1.7	50.8	+5.2	52.4	-2.0	62.2	-1.0	73.6	+0.9	77.6	-0.2	74.9	-0.7	67.6	-3.3	59.2	-1.2	53.2	+2.6	35.3	-6.5	57.0	-0.7
Richmond	36.1	-1.8	39.6	0.0	52.2	+5.0	53.7	-2.9	63.8	-2.7	74.4	+0.3	77.6	-0.9	76.2	-0.3	68.6	-1.9	59.9	+0.3	52.4	+4.1	33.3	-6.5	57.3	-0.6
Tappahannock	34.5	...	37.4	...	52.3	...	52.1	...	62.4	...	74.2	...	78.6	...	76.4	...	67.0	...	59.0	...	51.3	...	32.7	...	56.5	...
Walkerton	32.9	...	34.2	...	49.7	...	50.8	...	60.6	...	72.2	...	75.8	...	72.3	...	64.8	...	54.2	...	48.6	...	28.2	...	53.7	...
Williamsburg	39.8	-0.6	40.2	-0.9	55.0	+6.5	55.2	-1.8	64.6	-0.6	74.8	+2.0	78.0	+1.0	76.4	+0.7	70.2	+0.3	60.5	+0.3	54.4	+5.4	35.2	-6.0	58.7	+0.5
Means	37.7	-1.6	39.9	-0.6	53.3	+6.1	53.6	-2.2	63.3	-1.5	74.3	+0.7	77.6	-0.1	75.9	-0.2	69.1	-1.6	59.7	-0.3	53.5	+4.0	34.4	-6.6	57.7	-3.9
Middle Virginia																										
Callaville	36.2	-2.8	38.3	-1.2	52.0	+3.9	52.6	-3.5	62.4	-3.1	73.0	0.0	76.2	-0.9	75.0	-0.7	68.2	-2.1	58.4	-0.8	52.3	+3.9	31.4	-8.9	56.3	-1.4
Charlottesville (near)	33.3	-3.1	37.8	+0.4	50.2	+3.9	52.4	-3.5	62.9	-2.8	73.2	+0.6	77.4	-0.9	76.0	+1.2	67.8	-1.7	59.8	+1.2	49.9	+2.0	31.8	-6.5	56.0	-0.7
Chatham	37.3	-2.7	40.6	-2.5	53.0	+6.0	54.2	-2.1	63.8	-1.9	72.8	-1.3	77.1	-0.9	76.3	+0.7	68.0	-3.2	58.6	+0.8	52.0	+4.2	32.6	-9.3	57.2	-1.0
Clarksville	39.3	+1.7	39.6	-1.4	53.2	+5.6	54.5	-2.0	64.6	-0.7	74.8	+1.3	78.5	+1.5	77.2	+2.0	68.8	-1.5	58.5	+0.2	49.5	+2.5	31.6	-7.6	57.5	+0.1
Columbia	34.6	-2.4	38.6	+1.0	52.1	+5.6	53.6	-1.5	63.0	-0.7	73.7	+1.7	79.2	+3.3	76.6	+2.1	68.0	-0.7	57.5	+0.1	50.8	+4.3	31.8	-6.2	56.6	+0.4
Culpeper	31.7	-3.5	35.1	-1.5	50.4	+5.5	52.0	-2.4	61.1	-2.7	71.9	+0.5	77.8	+2.5	75.4	+2.1	66.7	-1.1	58.0	+1.9	49.4	+4.7	30.6	-5.2	55.0	+0.1
Danville	38.9	-1.2	41.6	-1.9	54.4	+4.4	56.0	-2.7	65.5	-1.8	75.3	-0.7	78.8	-0.7	78.2	+0.5	69.8	-3.1	60.0	-1.0	52.8	+3.0	34.0	-7.9	58.8	-1.1
Farmville	36.4	-2.5	40.0	+2.5	53.4	+7.2	54.1	-1.1	62.6	-4.0	71.5	-3.1	77.0	-2.5	74.7	-2.3	67.4	-4.0	58.3	-0.7	51.2	+4.2	30.3	-8.5	56.4	-1.2
Fredericksburg (near)	33.4	-3.3	36.9	-0.4	51.0	+4.4	51.8	-3.6	61.6	-3.3	72.6	+0.4	78.8	+2.2	76.3	+1.5	66.8	-2.7	58.2	+0.2	50.8	+4.5	31.8	-6.1	55.8	-0.6
Kenbridge	37.3	...	40.5	...	53.6	...	54.0	...	63.2	...	72.9	...	77.1	...	75.3	...	66.8	...	56.6	...	50.9	...	31.1	...	56.6	...
Lincoln	31.7	-1.3	34.4	+0.4	49.0	+5.2	51.7	-1.7	61.7	-2.2	73.0	+1.4	80.8	+4.3	76.8	+2.6	67.2	-1.6	58.0	+0.9	49.8	+4.4	31.3	-8.3	55.4	+0.7
Lynchburg	36.2	-1.3	40.2	-0.1	52.2	+4.9	54.3	-3.0	64.2	-3.1	73.5	-1.1	78.3	+0.8	76.8	+1.2	68.5	-0.6	59.0	+0.5	51.6	+4.4	32.4	-7.1	57.3	-0.3
Mineral (near)	34.4	-0.8	37.2	-1.0	51.0	+6.0	51.6	-2.0	62.0	-2.2	70.7	+0.5	77.2	+2.4	74.8	+1.4	65.7	-2.4	56.6	+1.1	49.7	+4.9	31.2	-6.0	55.0	+0.1
Mount Weather	28.7	-1.9	30.1	-0.8	42.9	+3.7	46.4	-2.8	58.2	-1.1	67.4	+0.5	75.6	+4.4	72.2	+2.8	63.4	-1.3	53.0	-0.7	44.0	+1.9	26.0	-6.5	50.7	-0.3
New Canton	35.4	-1.9	39.2	+1.1	52.0	+5.0	52.9	-2.3	62.0	-2.6	71.5	-0.4	76.4	+0.3	74.8	+1.0	66.6	-2.4	57.7	+0.3	51.5	+4.8	32.0	-6.3	56.0	-0.3
Quantico	32.6	-2.4	34.4	-0.9	49.4	+4.3	51.0	-3.1	60.9	-3.1	71.5	-0.6	77.8	+0.8	74.4	+0.2	65.4	-3.3	56.8	-0.6	49.4	+4.1	31.6	-4.7	54.6	-0.8
Rocky Mount	36.7	-1.0	40.0	+1.2	50.2	+3.3	54.4	-1.3	62.5	-2.2	72.0	+0.1	76.6	+1.6	78.0	+4.4	68.7	0.0	59.8	+2.9	50.6	+3.2	32.4	-6.3	56.8	+0.5
Stuart	39.0	-1.4	41.6	-0.3	52.4	+6.0	55.8	-0.3	65.4	+0.4	73.0	+0.7	77.0	+1.0	76.7	+2.6	69.4	-0.8	60.4	+2.4	52.2	+4.2	33.1	-9.0	58.0	+0.5
Washington, D. C.	33.3	-0.1	35.4	+0.1	50.2	+7.6	51.9	-1.4	61.8	-1.9	73.4	+1.2	77.4	+2.0	76.8	+1.8	67.0	-1.1	58.2	+0.8	50.2	+5.0	32.1	-4.5	55.8	+0.8
Means	35.1	-1.7	38.0	-0.3	51.2	+5.1	52.9	-2.2	62.5	-2.2	72.5	+0.1	77.7	+1.8	75.9	+1.4	67.4	-1.9	58.1	+0.5	50.5	+3.8	31.5	-6.7	56.1	-2.8
Great Valley																										
Big Meadows	...	...	...	...	41.0	...	41.4	...	52.0	...	61.8	...	66.7	...	64.4	...	58.4	...	50.7	...	39.9	...	21.0	...	...	...
Blacksburg	35.2	+1.9	37.5	+3.3	49.0	+6.3	50.6	-0.2	60.8	+1.0	68.4	+0.8	73.6	+2.6	72.7	+2.8	65.8	+1.2	55.8	+2.4	47.0	+4.4	28.8	-5.8	53.8	+1.8
Buchanan	36.5	+0.1	40.0	-0.6	51.8	+4.5	54.4	-1.4	63.3	-1.3	71.4	-0.8	77.2	+1.2	76.0	+1.7	68.2	-1.7	58.2	-0.2	50.4	+3.8	31.6	-7.0	56.6	-0.1
Burkes Garden	33.6	+1.6	34.6	+2.4	46.6	+6.4	47.2	-0.8	56.6	-0.3	63.2	-0.5	69.4	+2.5	68.2	+2.4	61.7	+1.2	50.0	+0.3	43.0	+2.8	24.8	-7.9	50.0	+0.9
Catawba Sanatorium	35.2	-1.2	37.8	-1.1	50.0	+5.1	50.3	-3.8	61.4	-1.0	68.4	-1.2	72.5	-0.2	72.4	+0.8	66.4	-0.3	56.4	-0.3	48.6	+2.8	34.4	-3.4	54.5	-0.3
Dale Enterprise	33.4	+0.2	35.4	+0.8	48.5	+5.8	50.3	-1.8	59.4	-2.9	69.0	-0.8	74.5	+0.8	72.6	+0.6	64.6	-2.4	56.6	+1.1	48.3	+4.4	30.2	-5.0	53.0	+0.1
Damascus	37.6	...	38.9	...	49.7	...	52.1	...	61.3	...	67.7	...	72.7	...	72.3	...	66.4	...	56.4	...	48.6	...	30.6	...	54.5	...
Dante	36.8	+1.1	39.0	-0.4	51.2	+6.1	52.8	-1.3	61.7	+0.6	67.8	-1.1	73.8	+2.0	73.2	+2.2	68.0	+0.8	57.2	+1.1	47.8	+2.7	28.9	-9.4	54.8	+0.3
Emory	37.4	...	38.4	...	49.3	...	51.7	...	61.3	...	67.8	...	73.2	...	73.3	...	67.2	...	55.8	...	47.8	...	28.5	...	54.3	...
Floyd	34.0	...	35.9	...	47.4	...	49.4	...	59.8	...	67.4	...	71.0	...	70.8	...	64.0	...	55.4	...	46.4	...	27.2	...	52.4	...
Glen Lyn	36.8	...	37.0	...	50.6	...	53.2	...	62.8	...	71.2	...	75.9	...	74.2	...	67.5	...	56.3	...	47.4	...	29.0	...	55.2	...
Hot Springs	32.0	+0.1	34.7	+2.2	47.4	+5.6	49.0	-0.9	59.1	-0.6	65.8	-0.8	71.2	+1.8	70.2	+2.1	61.8	-0.9	52.8	+0.4	44.2	+2.6	25.6	-7.9	51.2	+0.4
Lexington	34.3	+0.1	37.6	+1.8	49.8	+5.9	52.8	-0.3	61.9	-0.8	70.7	+0.2	76.2	+1.7	74.4	+1.5	66.2	-0.6	55.6	+0.8	48.0	+4.4	30.6	-5.2	54.8	+0.8
Mountain Lake	...	...	...	...	42.3	...	43.8	...	53.4	...	55.4	...	61.8	...	67.4	...	64.5	...	...	...	42.5	...	23.2	...	...	...
Pennington Gap	34.7	...	35.8	...	47.8	...	52.6																			