

CLIMATOLOGICAL DATA

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VIRGINIA SECTION

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RICHMOND, VA., YEAR 1932

No. 13

GENERAL SUMMARY

The year as a whole was warmer and wetter than usual. There was a moderate excess of cloudiness, but the number of rainy days was practically normal. Considering the State as a whole, it was the warmest year, with two exceptions, in the climatological history of Virginia. The average temperature for the year was above the normal at all stations. Both January and February were the warmest of record, and July, August and December were unusually warm. On the other hand, March and November were cold. In March, early truck and fruit buds, except apples, were damaged seriously by low temperatures. The maximum temperature, 108° at Lincoln on August 31st, has been exceeded only once in the last 42 years. The lowest temperature of the year was -9° at Dale Enterprise on December 18th. The lowest of record in Virginia is -29°, at Monterey on February 10, 1899.

Considering the State as a whole, the average precipitation for the year has been exceeded 10 times since the beginning of State-wide records. The average for the State was 44.78 inches, which compares with 24.86 inches in 1930, the driest year, and 51.42 inches in 1902, the wettest year. At stations having normals there was an excess of precipitation in 1932 at 36, and a deficiency at 12. The greatest yearly amounts occurred in Middle Virginia, and the least in Tidewater counties. Snowfall averaged 77 per cent of the normal. January and March were relatively wet and precipitation was in excess of the normal from October to the end of the year. It was the wettest October of record. However, July, August and September were unusually dry. Both July and August have been drier only once in the last 42 years. At the end of July crops which had not matured were suffering for lack of moisture, and by the end of August drought conditions had damaged seriously all outstanding crops. This condition continued in most localities through September and crop damage was rather severe. This situation was greatly improved in October. Many crops, of course, had been harvested before the drought began. However, the weather of the year as a whole was unfavorable for agriculture.

Notes on damaging hail, sleet, snow and wind storms appeared in the March, May, July, September, October and December issues of this bulletin, and on floods in Virginia rivers in the October and December issues.

MONTHLY STATE DATA, 1932

Month	Temperature			Precipitation			Number of days			
	Mean	Highest	Lowest	Average	Greatest 24-hour	Average snow-fall	Rainy	Clear	Partly cloudy	Cloudy
January	46.9	82	15	4.66	2.20	0.4	10	10	7	14
February	45.3	87	9	2.78	1.87	0.2	9	12	7	10
March	41.8	84	1	5.16	2.92	3.0	8	12	9	10
April	53.9	89	22	2.45	2.35	0.1	8	16	7	7
May	63.8	96	30	3.98	2.82	0.0	9	15	8	8
June	72.6	101	38	3.61	2.74	0.0	10	13	10	7
July	76.7	105	45	2.83	3.20	0.0	8	17	10	4
August	75.9	108	42	1.93	3.65	0.0	6	18	8	5
September	69.2	103	33	2.01	3.74	0.0	7	15	8	7
October	58.0	86	26	6.97	5.95	7.7	8	16	5	10
November	44.8	78	9	4.31	3.33	7.7	8	15	6	9
December	40.7	80	-9	4.09	2.06	9.4	11	11	6	14

KILLING FROSTS, 1932

Stations	Last in spring	First in autumn	Stations	Last in spring	First in autumn
Tidewater Virginia			Middle Virginia Cont.		
Cape Henry	Mar. 16	Nov. 14	Powhatan	Apr. 4	Oct. 29
Christchurch	Apr. 20	Nov. 13	Quantico	Apr. 15	Nov. 18
Dahlgren	Mar. 16	Nov. 23	Randolph	Apr. 15	Oct. 7
Diamond Springs	Apr. 5	Nov. 14	Rocky Mount	Mar. 30	Oct. 29
Hopewell	Apr. 18	Nov. 13	Stuart	Apr. 28	Oct. 7
Langley Field	Mar. 16	Nov. 13	Washington	Apr. 17	Nov. 13
Norfolk	Mar. 14	Nov. 27	Great Valley		
Onley	Apr. 19	Nov. 14	Blacksburg	Apr. 19	Oct. 29
Richmond	Mar. 11	Nov. 13	Buchanan	Apr. 28	Oct. 7
Tappahannock	Apr. 16	Nov. 4	Burkes Garden	May 30	Oct. 7
Wallaceton	Nov. 13	Nov. 13	Catawba Sanatorium	Mar. 23	Nov. 4
Williamsburg	Apr. 18	Nov. 13	Dale Enterprise	Apr. 28	Oct. 29
Middle Virginia			Damascus	Nov. 2	Nov. 2
Callaville	Apr. 28	Oct. 12	Danle	Apr. 28	Oct. 7
Charlottesville	Apr. 4	Nov. 12	Deerfield	May 8	Sept. 27
Chatham	Apr. 1	Nov. 2	Enory	May 8	Oct. 7
Clarendon	Mar. 25	Nov. 3	Glenlynn	Apr. 19	Oct. 7
Clarksville	Apr. 19	Oct. 29	Hot Springs	May 3	Oct. 29
Columbia	Apr. 19	Oct. 29	Ivanhoe	Apr. 18	Oct. 29
Culpeper	Apr. 18	Nov. 2	Lexington	Apr. 28	Oct. 29
Danville	Mar. 30	Nov. 2	Mendota	Apr. 28	Nov. 12
Farmville	Apr. 19	Nov. 13	Monterey	Oct. 27	Oct. 27
Fredericksburg	Apr. 17	Nov. 4	North River Dam	Sept. 29	Sept. 29
Halifax	Oct. 29	Oct. 29	Pennington Gap	Apr. 28	Oct. 7
Kenbridge	Apr. 16	Oct. 31	Roanoke	Apr. 18	Oct. 29
Lincoln	Apr. 17	Oct. 31	Saltville	Mar. 24	Oct. 7
Lynchburg	Mar. 16	Nov. 2	Staunton	Apr. 18	Nov. 2
Martinsville	Oct. 29	Oct. 29	Winchester	Apr. 17	Nov. 2
Mineral	Apr. 20	Oct. 12	Woodstock	Apr. 19	Oct. 29
Mount Weather	Apr. 16	Nov. 2	Wytheville	Apr. 19	Oct. 29
New Canton	Apr. 19	Oct. 11			

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	41.67	17.0	103	162	102	101
1892	54.6	106	-8	40.01	.....	95	163	101	102
1893	54.7	104	-26	46.83	23.1	103	156	100	109
1894	56.8	106	-11	35.97	17.0	88	166	104	95
1895	54.4	107	-18	38.09	38.8	94	174	103	88
1896	56.6	105	-10	42.89	12.8	93	163	106	97
1897	56.0	103	-15	40.81	11.8	92	171	99	105
1898	55.5	106	-9	44.80	8.7	108	162	101	102
1899	55.5	106	-29	43.18	36.7	98	176	95	94
1900	57.1	107	-8	39.33	18.6	86	181	91	93
1901	54.5	106	-14	50.17	9.5	100	167	94	104
1902	55.6	108	0	51.42	14.9	95	170	97	98
1903	54.9	105	-13	44.85	8.4	95	172	89	104
1904	53.7	100	-14	36.18	24.9	95	170	101	95
1905	54.9	98	-15	43.58	18.5	111	155	112	98
1906	56.2	102	-2	49.56	15.2	124	143	120	102
1907	54.5	97	-16	44.19	17.4	115	159	115	91
1908	55.5	102	-20	45.21	30.0	110	162	108	96
1909	55.6	102	-5	39.81	12.9	101	171	104	90
1910	54.8	102	-9	41.37	20.3	112	151	116	98
1911	56.8	104	0	41.50	9.2	115	149	110	106
1912	54.9	100	-25	39.19	24.6	103	165	106	95
1913	57.2	102	-3	42.75	4.0	100	178	98	89
1914	55.1	103	-17	37.17	39.8	101	168	100	97
1915	55.6	101	-15	39.72	13.5	97	160	116	89
1916	55.6	102	-11	39.36	18.6	103	163	106	95
1917	53.8	103	-27	40.82	23.7	114	158	107	109
1918	55.5	103	-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	56.9	100	-13	44.72	24.8	110	145	107	113
1923	56.1	103	-1	40.84	10.3	104	168	96	101
1924	54.4	107	-12	47.41	12.8	105	165	90	111
1925	56.6	103	-14	32.55	9.5	98	160	99	106
1926	55.5	107	-6	41.60	16.5	112	157	97	111
1927	56.5	104	-7	41.95	10.4	113	148	103	114
1928	55.7	103	-5	42.99	9.2	110	151	112	103
1929	56.2	99	-8	45.92	16.7	115	155	97	113
1930	56.9	109	-13	24.86	23.4	86	165	99	101
1931	57.8	104	-2	37.99	3.7	105	163	106	96
1932	57.5	108	-9	44.78	13.1	102	169	90	107

Climatological Data for the Year 1932

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	59	60.6	95	June 28	21	Mar. 10	59	38.91	4.69	July	1.66	Sept.	4.9	100	125	116	125	sw.
Christ Church	Middlesex	87	9	59.7	103	Aug. 31	14	Dec. 19	9	46.50	6.77	Oct.	1.31	Aug.	8.0	91	226	67	73	sw.
Dahlgren	King George	18	13	58.0	100	Aug. 31	15	Dec. 16	13	32.76	4.36	Mar.	0.22	Sept.	13.0	106	92	144	130	n.w.
Diamond Springs	Princess Anne	25	24	62.5	102	Sept. 1	17	Mar. 10	24	42.47	6.12	Oct.	1.79	Aug.	0.0	70	203	116	47	sw.
Emporia	Greensville	100							2	38.29	5.39	Oct.	1.10	May	9.0	94	164	106	96	sw.
Hopewell	Prince George	40	42	61.1	106	Aug. 31	11	Dec. 19	44	36.01	5.33	Mar.	0.55	Aug.	7.2	97	132	139	95	sw.
Langley Field	Elizabeth City	10	41	59.9	96	Aug. 31	17	Mar. 10	45	32.86	5.00	Oct.	1.44	Apr.	6.8	96	113	126	127	se.
Norfolk	Norfolk	91	62	61.6	100	Aug. 31	18	Mar. 10	62	33.50	4.53	Jan.	1.61	Sept.	5.6	106	127	97	142	s.
Onley	Accomac	40	14	59.2	100	Aug. 31	14	Dec. 19	15	44.20	5.88	Jan.	1.47	Aug.	8.0	87	124	155	87	s.
Richmond	Henrico	170	53	59.5	103	Aug. 31	15	Dec. 19	61	41.23	6.58	Oct.	0.75	Sept.	10.7	113	122	126	118	sw.
Tappahannock	Essex	25	1	58.3	102	Aug. 31			2	41.04	6.00	Mar.	1.71	Aug.						
Wallaceton	Richmond	15							6	47.20	5.95	June	1.98	Sept.	6.5	111	218	65	83	sw.
Williamsburg	James City	70	38	60.7	101	Aug. 31	14	Dec. 19	32	46.29	7.65	Oct.	1.25	Aug.	7.0	103	193	73	100	sw.
Means and extremes				60.1	106	Aug. 31	11	Dec. 19		40.10	7.65	Oct.	0.22	Sept.	7.2	98	153	111	102	sw.
Middle Virginia																				
Bedford	Bedford	950							16	40.72	7.60	Oct.	1.46	Apr.	16.5	91				
Callaway	Brunswick	250	37	58.5	104	July 20	7	Dec. 19	38	41.09	6.41	Mar.	0.45	Sept.	6.0	72	212	73	81	w.
Charlottesville (near)	Albemarle	854	40	58.9	105	Aug. 31*	12	Mar. 10	57	46.00	7.82	Oct.	0.70	Aug.	14.5	99	162	81	123	n.
Chatham	Pittsylvania	852	9	58.4	104	Aug. 31	15	Mar. 10*	9	48.25	6.85	Oct.	2.16	June	11.8	100	196	106	64	s.
Clarendon	Arlington	200							8	53.18	9.88	Oct.	1.91	Aug.	19.0	117	186	89	91	w.
Clarksville	Mecklenburg	286	15	58.4			11	Dec. 19	42	42.79	7.38	Oct.	0.88	Sept.	9.2	110				e.
Columbia	Fluvanna	246	31	57.8	107	Sept. 1	4	Dec. 19	34	45.92	9.33	Oct.	0.94	Aug.	12.3	84	154	94	118	n.w.
Culpeper	Culpeper	400	24	56.3	97	Aug. 31	4	Dec. 18	25	49.95	8.53	Nov.	0.70	Sept.	17.0	99	259	21	86	s.
Danville	Pittsylvania	564	17	60.3	107	Aug. 31	14	Dec. 18	42	49.81	6.86	Oct.	0.61	Aug.	7.7	113	148	102	116	n.
Farmville	Prince Edward	564	12	58.9	106	Aug. 31*	7	Dec. 18	12	51.65	8.54	Oct.	0.82	July	8.7	115	131	98	137	sw.
Fredericksburg (near)	Spottsylvania	75	42	58.3	100	Aug. 31	6	Dec. 19	40	43.62	8.08	Oct.	0.44	Sept.	13.0	87	198	85	83	sw.
Halifax	Halifax	425							2	44.96	6.59	Oct.	1.14	Sept.	12.0	96	197	40	129	w.
Kenbridge	Lunenburg	488	1	60.5	106	Aug. 31*			1	42.03	6.66	Oct.	0.43	Sept.						s.
Lincoln	Loudoun	500	31	57.5	108	Aug. 31*	8	Dec. 19	31	46.31	7.47	Nov.	1.52	June	22.0	83	196	81	89	s.
Lynchburg	Campbell	681	63	58.9	104	Aug. 31	8	Dec. 19	63	37.28	8.86	Oct.	0.75	July	13.2	105	154	105	107	w.
Manassas (near)	Prince William	156							2	49.47	6.92	Nov.	1.35	Sept.	15.0	92	180	76	110	n.w.
Martinsville	Henry	1,014							2	49.95	9.62	Oct.	0.93	Aug.	9.9	109	191	120	55	w.
Mineral (near)	Louisia	250	17	57.0	104	Sept. 1	3	Dec. 18*	17	43.29	7.04	Oct.	0.21	Aug.	11.8	92	162	90	114	s.
Mount Weather	Loudoun	1,725	28	52.5	96	Sept. 1	2	Dec. 16	29	49.48	10.96	Oct.	0.59	Sept.	25.5	91	75	129	162	w.
New Canton	Buckingham	300	37	57.6	102	Aug. 31	5	Dec. 18*	39	48.40	8.86	Oct.	1.19	Aug.	14.5	101	173	108	55	sw.
Orange	Orange	514							10	42.54	7.17	Oct.	1.26	Aug.	13.9	75	223	66	77	w.
Powhatan	Powhatan	100							10	42.77	6.14	Oct.	1.41	Aug.	11.8	104	129	44	193	sw.
Quantico	Prince William	20	31	56.8	98	Aug. 31	14	Dec. 15*	28	46.33	6.11	Oct.	1.21	Feb.	14.3	118	99	119	149	n.w.
Randolph	Charlotte	334							28	42.36	6.60	Oct.	1.10	Sept.	6.5	100	218	60	93	sw.
Rocky Mount	Franklin	1,132	33	58.1	101	Aug. 31	4	Dec. 19	39	49.70	10.83	Oct.	1.04	Aug.	22.1	88	222	15	129	sw.
Stuart	Patrick	1,188	10	58.9	102	Aug. 30	12	Mar. 10*	10	58.90	9.56	Oct.	2.36	Feb.	8.5	99	144	140	82	se.
Washington, D. C.		112	62	57.3	100	Aug. 31	14	Mar. 10*	62	49.55	7.40	Oct.	1.35	Aug.	18.5	114	144	108	114	n.w.
Means and extremes				57.9	108	Aug. 31*	2	Dec. 16		46.54	10.96	Oct.	0.21	Aug.	13.7	98	173	85	108	w.
The Great Valley																				
Afton	Nelson	1,750							2	44.37	9.73	Oct.	1.96	Aug.		89				
Balcony Fall	Rockbridge	725							2	38.78	10.23	Oct.	0.58	Aug.	21.0	62	258	47	61	w.
Berryville	Clarke	581							1	43.36	8.22	May	1.16	Aug.						
Blacksburg	Montgomery	2,109	41	54.4	98	Aug. 31	4	Dec. 19	41	47.50	6.29	June	1.82	Sept.	24.9	122	198	33	145	sw.
Buchanan	Botetourt	820	15	57.0	104	Aug. 30*	4	Dec. 19	32	45.92	9.91	Oct.	0.44	July	16.0	106	166	104	96	
Burkes Garden	Tazewell	3,250	36	52.1	91	Sept. 1	3	Mar. 10	37	57.75	6.64	June	2.79	July	12.0	109	124	107	135	w.
Catawba Sanatorium	Roanoke	2,100	21	55.7	100	Aug. 31*	10	Mar. 10*	22	47.51	9.97	Oct.	1.91	July	24.0	81	264	55	47	
Clifton Forge	Alleghany	1,055							2	39.03	10.56	Oct.	0.63	Sept.		90	184	89	93	
Dale Enterprise	Rockingham	1,350	53	54.5	101	Aug. 31*	9	Dec. 18	53	42.02	7.75	Oct.	0.95	Aug.	24.0	100	181	94	91	s.
Damascus	Washington	1,928							6	46.25	5.89	Dec.	2.36	Apr.						
Dante	Russell	2,000	14	55.7	100	Aug. 31*	1	Mar. 15	16	56.69	9.05	June	1.85	July	8.2	139	132	131	103	
Deerfield	Augusta	1,700							6	43.42	7.12	Oct.	1.82	Apr.	23.5					w.
Emory	Washington	2,112	6	54.8	98	Aug. 31*	4	Mar. 15*	6	55.51	6.39	Aug.	1.64	Sept.	6.4	149	125	136	95	w.
Glenlyn	Giles	1,600	1	55.8	96	Sept. 1	3	Dec. 19	19	42.87	4.99	Oct.	2.01	Apr.	13.8	126	151	51	164	
Hot Springs	Bath	2,195	38	52.1	92	Sept. 1	1	Dec. 18	41	44.65	8.94	Oct.	0.90	Aug.	18.1	119	164	116	86	
Ivanhoe	Wythe	2,100							20	42.05	5.40	June	1.62	July	13.3	102				
Lexington	Rockbridge	1,060	63	55.8	102	Aug. 31	8	Dec. 18	61	42.08	10.37	Oct.	1.22	Sept.	17.1	103	214	67	85	
Mendota	Washington	1,350							28	50.42	5.85	Dec.	1.69	Sept.	3.1	133				
Monterey	Highland	3,200							2	50.74	7.40	Oct.	1.56	Sept.	27.8	107				n.
North River	Augusta	1,918							2	48.41	10.06	Oct.	1.02	Aug.	14.3	87	200	104	62	n.
Pennington Gap	Lee	1,586	1	56.9	100	Aug. 31	5	Mar. 15*	1	52.43	6.96	Jan.	1.32	July	4.0	140				n.w.
Radford	Montgomery	1,800							27	36.58	4.91	May	1.06	Sept.	14.0	111				
Riverton	Warren	500							31	39.92	6.43	Oct.	0.78	Sept.	16.8	75				
Roanoke	Roanoke	907	26	58.1	104	Aug. 31	3	Dec. 19	29	45.60	12.01	Oct.	1.25	Sept.	18.0	95	154	79	133	w.
Saltville	Smyth	1,770	11	55.7	99	Aug. 31	6	Dec. 17	11	46.23	5.68	Feb.	1.85	Nov.	3.2	142	167	67	132	w.
Speers Ferry	Scott	1,221							37	50.89	6.30	June	1.87	Nov.	5.0	117	174	43	149	sw.
Staunton	Augusta	1,480	41	55.9	100	Aug. 31*	8													

Monthly and Annual Precipitation for the Year 1932, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	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	4.39	+1.24	2.43	-0.88	3.43	-0.44	4.50	+1.20	2.06	-1.51	2.41	-1.55	4.69	-0.68	2.13	-2.73	1.66	-1.20	3.85	+0.84	3.56	+1.20	3.80	+0.36	38.91	-4.15
Christchurch	5.94		2.00		4.30		3.35		3.71		4.66		4.73		1.31		1.62		6.77		3.74		4.47		46.50	
Dahlgren	4.11	+1.23	1.59	-1.19	4.36	+1.14	1.87	-1.83	2.88	+0.13	2.48	-1.05	3.26	-0.70	2.67	-2.79	0.22	-2.63	3.83	+1.65	2.16	-0.26	3.33	+0.74	32.76	-5.56
Diamond Springs	4.96	+1.47	3.42	+0.05	2.95	-0.66	2.80	-0.43	2.10	-2.02	4.61	-0.55	3.87	-1.81	1.79	-2.53	1.80	-2.04	6.12	+3.23	3.80	+1.42	4.25	+0.02	42.47	-3.85
Emporia	4.67		2.87		4.35		1.35		1.10		4.39		1.44		1.87		2.26		5.39		3.58		4.79		38.29	
Hopewell	5.28	+2.27	1.95	-1.45	5.33	+1.27	2.11	-1.31	3.84	-0.29	2.00	-2.61	0.85	-3.71	0.55	-3.82	0.82	-2.90	2.50	+2.37	3.56	+1.31	4.52	+1.23	36.01	-7.64
Langley Field	4.00	+0.99	1.93	-1.71	3.52	+0.32	1.44	-1.40	3.05	-0.32	3.07	-1.41	3.37	-0.97	1.60	-2.43	1.49	-1.66	5.00	+3.20	1.65	-0.66	2.74	-0.36	32.56	-6.37
Norfolk	4.53	+1.43	2.15	-1.18	3.13	-0.64	1.63	-1.60	2.48	-1.33	3.28	-0.96	3.21	-2.54	1.60	-3.62	1.51	-1.72	3.36	+0.92	2.34	+0.18	3.70	-0.39	33.50	-10.70
Onley	4.88	+2.81	2.25	-1.43	4.26	-0.76	3.66	+0.09	2.13	-1.10	4.02	-0.69	3.26	-0.94	1.47	-2.92	5.49	+2.75	5.54	+2.94	6.11	+2.97	4.93	+1.26	44.20	+3.66
Richmond	5.64	+2.43	1.66	-1.61	6.21	+2.53	1.69	-1.80	4.17	+0.38	3.17	-0.73	1.66	-3.07	1.36	-3.06	0.75	-2.50	6.58	+3.70	3.50	+1.29	4.84	+1.55	41.23	-0.89
Tappahannock	4.40		11.75		6.00		2.25		2.13		2.69		3.83		1.71		3.46		5.99		3.25		14.08		41.04	
Walkerton																	0.99		4.06		4.36		5.10			
Wallacetown (near)	3.94		2.60		4.82		3.23		3.01		5.95		3.55		3.96		1.98		5.33		3.94		4.89		47.20	
Williamsburg	5.54	+2.18	2.33	-1.21	5.06	+1.10	3.18	-0.43	3.44	-0.10	3.32	-1.58	4.72	-0.99	1.25	-3.90	2.25	-0.85	7.65	+4.83	2.87	+0.70	4.68	+0.91	46.25	+0.66
Means	4.87	+1.78	2.23	-1.18	4.34	+0.43	2.55	-0.84	2.78	-0.68	3.56	-1.08	3.23	-1.71	1.79	-3.09	1.87	-1.42	5.38	+2.63	3.21	+0.62	4.29	+0.67	40.10	3.87
Middle Virginia																										
Bedford	3.93	+0.95	1.75	-2.44	5.53	+1.84	1.46	-1.46	2.62	-1.09	1.64	-2.54	1.66	-2.21	1.58	-2.72	2.15	-1.14	7.60	+4.48	5.50	+3.25	5.30	+2.28	40.72	-0.80
Callaway	5.90	+2.42	3.38	-0.25	6.41	+2.06	2.04	-1.78	2.57	-1.34	1.91	-2.33	1.40	-4.32	2.67	-2.14	0.45	-3.17	5.98	+2.31	4.17	+1.90	4.21	+0.80	41.09	-5.24
Charlottesville (near)	4.94	+1.67	2.13	-0.87	5.92	+2.53	1.71	-1.74	5.76	+1.76	3.33	-1.37	2.72	-1.54	0.70	-3.86	1.78	-1.85	7.82	+4.40	5.61	+3.05	3.58	+0.40	46.00	+2.58
Chatham	5.63		2.55		6.20		2.25		3.30		2.16		2.89		2.93		3.51		6.85		4.89		5.08		48.25	
Clarendon	5.25		2.72		6.65		2.97		5.14		2.63		2.40		1.91		3.45		9.88		6.56		3.62		53.18	
Clarksville	5.87	+2.60	2.79	-0.89	4.98	+1.31	2.27	-1.22	2.19	-1.84	3.30	-0.72	1.37	-3.14	2.73	-1.70	0.88	-2.24	7.38	+4.70	4.05	+1.82	4.98	+1.71	42.79	+0.39
Columbia	3.96	+0.53	1.44	-1.40	5.31	+1.77	1.84	-1.70	5.41	+1.97	3.35	-0.74	3.18	-1.04	0.94	-3.70	1.44	-1.61	9.33	+6.13	4.87	+2.57	4.85	+1.69	45.92	+4.47
Culpeper	4.98	+1.92	1.97	-0.47	4.73	+2.14	1.14	-1.28	5.59	+1.78	5.98	+1.26	3.14	-0.39	1.20	-3.01	0.70	-2.54	7.55	+4.89	8.53	+6.16	3.44	+0.47	49.95	+10.93
Danville	4.78	+1.31	2.47	-1.01	6.28	+2.64	3.37	+0.11	3.22	-0.51	4.23	+0.44	3.39	-1.13	0.61	-3.83	3.83	+0.77	6.86	+4.04	5.09	+2.76	5.68	+2.41	49.81	+8.00
Farmville	6.12	+3.55	1.89	-1.34	8.07	+3.69	1.89	-0.85	5.02	+1.12	2.33	-1.83	0.82	-3.39	0.85	-3.69	4.10	+1.86	8.54	+4.62	6.24	+4.22	5.78	+2.63	51.65	+10.59
Fredericksburg (near)	5.20	+2.02	1.82	-1.08	5.98	+2.58	2.77	-0.71	5.64	+1.81	2.26	-1.95	4.13	-0.19	0.55	-4.21	0.44	-2.69	8.08	+4.96	4.08	+1.94	2.67	-0.34	43.62	+2.14
Halifax	4.44		2.48		6.36		2.17		2.77		2.57		2.79		1.55		1.14		6.04		6.04		6.06		44.96	
Kenbridge	5.12		2.19		6.02		1.95		2.59		1.76		4.65		0.85		0.43		6.66		14.82		14.99		42.03	
Lincoln	4.52	+1.51	2.47	-0.08	5.39	+2.48	2.55	-0.89	6.24	+2.79	1.52	-3.37	3.20	-0.12	2.00	-2.10	1.74	-0.88	6.40	+3.34	7.47	+5.25	2.81	-0.02	46.31	+7.91
Lynchburg	4.29	+0.86	1.25	-2.01	4.80	+1.26	1.01	-1.94	1.38	-2.25	2.54	-1.25	0.75	-3.46	1.70	-2.08	2.22	-1.09	8.86	+5.71	4.63	+2.30	3.85	+0.59	37.28	-3.36
Manassas (near)	4.79		2.62		5.65		2.61		6.70		1.97		4.68		3.12		1.35		6.16		6.92		3.00		49.47	
Martinsville	4.92		3.32		7.36		3.12		1.90		4.25		2.44		0.93		1.30		9.62		4.87		5.92		49.95	
Mineral (near)	5.08	+2.06	2.12	-0.38	5.48	+2.17	1.66	-1.75	6.74	+3.39	0.96	-2.95	2.23	-2.04	0.21	-4.25	3.25	+0.53	7.04	+4.42	5.17	+2.90	3.35	+0.68	43.29	+4.78
Mount Weather	4.99	+2.11	3.01	+0.69	5.16	+2.53	3.39	-0.22	6.42	+2.70	2.94	-1.82	1.60	-2.38	1.24	-3.37	0.59	-2.35	10.96	+7.16	6.78	+4.39	2.40	-0.24	49.48	+9.20
New Canton	5.68	+2.25	1.39	-1.76	6.61	+2.92	1.79	-1.60	4.99	+1.61	2.51	-1.14	2.06	-1.85	1.19	-3.56	1.24	-1.94	8.56	+5.80	6.94	+4.62	5.14	+2.03	48.40	+7.58
Orange	4.40	+1.18	1.73	-0.85	5.08	+2.09	1.58	-1.83	5.00	+1.46	2.69	-1.60	2.21	-2.63	1.26	-3.81	2.20	-0.90	7.17	+4.70	4.40	+3.97	2.82	-0.20	42.64	+1.67
Powhatan	5.42		1.51		5.63		1.50		4.70		2.33		2.84		1.41		1.52		6.14		5.20		4.57		42.77	
Quantico	6.04	+3.03	1.21	-1.34	5.65	+2.49	2.82	-0.49	5.09	+2.02	2.12	-1.83	3.97	+0.06	1.75	-2.90	2.40	-0.57	6.11	+3.44	5.35	+3.33	3.82	+1.14	46.33	+8.88
Randolph	5.45	+1.93	2.62	-0.57	5.97	+2.50	1.90	-1.27	2.65	-0.96	1.91	-1.88	2.41	-2.12	2.16	-1.92	1.10	-1.62	6.60	+3.80	6.10	+3.93	4.49	+1.31	42.26	+1.05
Rocky Mount	5.63	+2.29	2.10	-1.35	7.09	+3.20	2.29	-1.05	3.27	-0.44	3.58	-1.10	1.32	-3.49	1.04	-3.30	2.05	-1.53	10.83	+7.24	6.65	+3.07	4.85	+1.21	49.70	+4.75
Stuart	5.42		2.36		6.69		3.55		2.81		5.20		2.96		2.64		4.25		9.56		7.66		5.80		58.90	
Washington, D.C.	4.82	+1.27	2.46	-0.91	6.45	+2.70	2.12	-1.15	5.07	+1.37	2.84	-1.29	2.43	-2.28	1.36	-2.65	4.24	+1.00	7.40	+4.56	6.43	+4.06	3.93	+0.61	49.95	+7.29
Means	5.10	+1.87	2.21	-0.96	5.98	+2.36	2.25	-1.20	4.25	+0.81	2.77	-1.47	2.58	-1.98	1.52	-3.09	1.99	-1.16	7.81	+4.81	5.78	+3.45	4.30	+0.95	46.54	+4.39
Great Valley																										
Afton	4.87		1.57		4.82		1.89		5.04		3.52		2.00		1.06		1.46		9.73		5.43		2.98		44.37	
Balcony Falls	4.84		2.92		5.29		1.43		2.31		2.86		1.04		0.											

Monthly and Annual Mean Temperatures for the Year 1932, with Departures from the Normal

	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
Stations	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	52.1	+11.9	48.6	+7.3	45.6	-1.0	54.2	-0.4	63.7	-0.5	74.5	+1.6	78.0	+0.5	77.1	+0.2	71.5	-0.3	63.4	+1.3	51.2	-0.9	46.9	+3.2	60.6	+1.9
Christchurch	49.6	.....	45.8	.....	44.8	.....	54.0	.....	64.0	.....	76.0	.....	78.4	.....	78.2	.....	71.8	.....	61.6	.....	48.9	.....	43.2	.....	59.7	.....
Dahlgren	47.8	+12.7	44.2	+6.3	41.8	-4.4	53.4	-0.8	64.0	+2.3	73.6	+1.7	77.4	+1.4	77.0	+3.2	70.5	+1.3	59.2	+1.8	46.1	-0.8	41.2	+3.0	58.0	+2.3
Diamond Springs	54.4	+17.3	50.2	+6.8	48.0	-2.9	57.0	-0.4	65.6	-0.2	75.7	+2.1	79.5	+2.1	78.1	+1.6	72.7	+0.3	63.3	+0.7	53.8	+1.9	51.0	+7.4	62.5	+3.2
Hopewell	51.0	+11.6	47.8	+6.8	46.0	-2.9	57.0	-0.5	66.8	-1.3	76.5	+3.1	81.0	+5.0	80.0	+2.8	73.4	+1.4	61.6	+1.8	48.6	+0.4	43.2	+2.6	61.1	+2.6
Langley Field	51.2	+10.7	47.7	+6.8	44.2	-1.1	54.6	-1.5	63.9	-1.9	74.6	+0.1	78.4	-0.3	77.2	-0.2	71.0	-1.1	61.7	+0.7	49.6	-0.7	45.1	+2.8	59.9	+0.9
Norfolk	52.8	+12.2	49.4	+6.7	46.4	-1.8	56.3	-0.5	65.2	-1.0	75.4	+1.0	79.2	+0.5	78.3	+1.4	72.8	+1.2	63.4	+0.9	51.6	+0.2	47.4	+4.3	61.6	+2.1
Onley	49.9	+11.9	45.4	+5.3	43.6	-2.0	53.6	-0.2	63.4	+1.1	74.3	+1.9	78.4	+0.8	76.8	+1.3	70.2	+0.1	61.6	+1.0	49.2	-1.1	44.6	+3.5	59.2	+2.0
Richmond	49.8	+11.9	46.2	+6.6	43.9	-3.3	55.0	-1.6	65.1	-1.4	74.1	0.0	79.1	+0.6	78.8	+2.3	72.2	+1.7	60.4	+0.8	46.8	-1.6	42.4	+2.6	59.5	+1.6
Tappahannock	48.4	.....	44.2	.....	41.2	.....	53.4	.....	63.3	.....	74.1	.....	77.8	.....	77.1	.....	69.2	.....	58.4	.....	46.0	.....	42.1	.....	58.3	.....
Wakerton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Williamsburg	51.3	+11.1	47.4	+6.6	44.3	-1.6	56.2	-0.9	65.8	+0.8	75.6	+2.8	78.8	+2.0	78.2	+2.7	71.2	+1.3	61.4	+1.4	50.2	+1.7	45.4	+4.5	60.7	+2.7
Means	50.8	+12.4	47.2	+6.7	44.9	-2.5	55.0	-0.8	64.8	-0.2	74.9	+1.6	78.7	+1.4	77.9	+1.7	71.5	+0.7	61.4	+1.2	49.1	-0.2	44.5	+3.8	60.1	+2.2
Middle Virginia																										
Callville	48.9	+10.1	45.0	+5.7	41.6	-6.9	53.6	-2.7	64.0	-1.5	74.0	+1.1	79.4	+2.5	76.8	+1.1	70.4	+0.2	59.6	+0.5	46.2	-2.3	43.0	+2.9	58.5	+0.9
Charlottesville (near)	46.6	+10.5	45.6	+8.4	42.4	-4.1	54.6	-1.4	65.7	0.0	73.7	+1.2	78.8	+2.4	80.0	+5.4	71.8	+2.7	59.3	+0.8	45.8	-2.0	42.2	+4.2	58.9	+2.3
Chatham	47.5	.....	46.8	.....	43.9	.....	56.1	.....	65.1	.....	74.2	.....	79.7	.....	75.6	.....	69.8	.....	57.7	.....	43.2	.....	40.6	.....	58.4	.....
Clarksville	47.0	+10.5	46.8	+8.0	44.0	-4.1	55.6	-0.9	65.4	+0.7	74.2	+1.0	78.1	+1.7	77.5	+2.4	70.0	+0.5	58.4	-0.3	43.8	-3.2	40.0	+0.8	58.4	+1.3
Columbia	47.6	+10.9	45.6	+7.9	43.4	-3.2	54.5	-0.7	64.6	-0.2	73.1	+1.3	75.4	-0.4	76.2	+2.0	70.6	+2.1	58.1	+0.7	45.2	-1.3	39.8	+2.1	57.8	+1.8
Culpeper	45.2	+11.3	43.0	+6.7	41.3	-4.0	53.4	-1.0	63.5	-0.1	72.0	+0.7	75.5	+0.3	75.3	+2.1	69.3	+1.8	57.0	+0.9	43.2	-1.6	37.1	+1.4	56.3	+1.5
Danville	49.2	+9.8	48.7	+5.6	45.2	-5.4	57.8	-1.0	66.4	-1.0	76.0	-0.1	79.8	+0.5	78.4	+0.6	71.4	-1.0	60.8	-0.1	46.4	-3.2	43.0	+1.6	60.3	+0.5
Farmville	48.2	+10.8	46.6	+10.4	43.4	-3.6	54.6	-0.8	65.2	-1.7	74.3	-0.4	79.0	-0.4	78.0	+1.0	70.9	+0.3	59.4	+0.2	45.8	-0.8	41.2	+4.3	58.9	+1.6
Fredericksburg (near)	48.2	+11.6	45.6	+8.7	43.4	-3.4	54.5	-0.8	64.8	-0.1	73.2	+0.9	77.1	+0.5	77.0	+2.1	70.1	+0.9	58.9	+1.0	45.8	-1.3	41.1	+3.6	58.3	+2.0
Kenbridge	49.8	.....	48.5	.....	45.2	.....	57.1	.....	67.4	.....	76.5	.....	81.6	.....	79.2	.....	72.2	.....	61.4	.....	45.3	.....	41.4	.....	60.5	.....
Lincoln	46.2	+13.8	43.7	+10.2	39.6	-3.8	52.6	-0.8	65.2	+1.3	73.7	+2.3	78.3	+2.1	78.2	+4.2	71.8	+3.3	57.4	+0.4	44.8	-0.3	39.0	+4.8	57.5	+3.1
Lynchburg	48.2	+10.7	47.8	+7.4	43.4	-3.9	56.2	-1.1	66.0	-1.3	74.0	-0.6	79.2	+1.7	77.3	+1.7	69.8	+0.8	58.8	+0.3	45.1	-2.1	41.2	+1.7	58.9	+1.3
Mineral (near)	47.0	+12.8	44.8	+9.3	41.8	-3.8	52.2	-1.5	63.4	+1.3	72.6	+2.7	76.6	+2.2	77.2	+4.2	68.8	+1.2	56.7	+1.5	43.5	-1.7	39.3	+2.8	57.0	+2.6
Mount Weather	40.2	+10.1	39.2	+8.8	34.3	-5.2	49.0	-0.2	55.2	-4.0	69.2	+2.5	73.0	+1.9	73.0	+3.7	67.4	+2.9	52.5	-1.2	39.4	-2.6	37.8	+5.7	52.5	+1.9
New Canton	47.2	+10.5	46.0	+8.2	42.9	-4.3	54.1	-1.3	64.0	-0.8	72.1	0.0	76.8	+0.7	75.8	+1.4	69.2	-1.6	57.8	+0.5	45.4	-1.3	40.1	+2.2	57.6	+1.2
Quantico	47.2	+12.6	43.3	+8.7	41.5	-3.9	52.4	-1.8	62.8	-1.1	72.0	-0.1	76.0	-1.0	76.2	+2.0	69.2	+0.7	57.4	+0.3	44.4	-0.9	39.0	+3.0	56.8	+1.5
Rocky Mount	47.0	+9.2	47.6	+8.9	42.8	-3.6	56.3	+0.2	65.9	+1.0	73.7	+1.7	78.2	+3.0	76.2	+2.4	69.3	+0.3	57.7	+0.7	43.8	-3.7	38.5	-0.4	58.1	+1.6
Stuart	47.3	.....	47.2	.....	44.4	.....	56.6	.....	65.6	.....	73.8	.....	78.0	.....	75.6	.....	69.2	.....	58.6	.....	46.4	.....	44.4	.....	58.9	.....
Washington, D. C.	46.8	+13.4	42.9	+7.5	40.0	-2.6	52.6	-0.7	64.2	+0.5	73.2	+1.0	77.4	+0.7	77.8	+2.8	70.3	+2.2	58.0	+0.6	44.7	-0.5	39.6	+3.0	57.3	+2.3
Means	47.1	+11.2	45.5	+8.0	42.3	-4.1	54.4	-1.0	64.5	-0.4	73.4	+1.0	77.8	+1.2	76.9	+2.4	70.1	+1.1	58.2	+0.4	44.6	-1.8	40.4	+2.7	57.9	+1.7
Great Valley																										
Blacksburg	43.0	+10.0	43.8	+9.9	38.1	-4.9	51.4	+0.6	61.6	+1.6	69.4	+1.8	73.6	+2.8	72.6	+2.8	65.9	+1.3	55.2	+1.9	41.4	-1.1	37.4	+2.9	54.4	+2.5
Buchanan	44.6	+9.5	45.7	+5.3	41.4	-6.9	54.8	-1.1	64.8	+0.4	72.9	+0.5	77.2	+1.8	75.6	+1.3	68.3	-1.8	57.6	+1.4	42.9	-3.4	37.6	-0.8	57.0	+3.3
Burkes Garden	42.2	+10.5	42.0	+10.2	35.9	-4.7	49.8	+2.1	59.1	+2.3	65.8	+2.2	69.2	+2.6	69.0	+3.3	62.3	+2.0	52.0	+2.3	39.4	-0.6	39.0	+6.7	52.1	+3.2
Catawba Sanatorium	45.0	+9.0	44.9	+6.3	39.8	-5.7	53.2	-1.0	62.2	-0.3	69.0	-0.6	74.0	+1.5	73.6	+2.0	67.4	+0.8	56.8	+0.1	42.9	-2.7	39.4	+1.4	55.7	+0.9
Dale Enterprise	44.2	+11.1	43.2	+8.7	37.6	-5.4	51.2	-1.2	60.8	-1.6	69.8	-0.2	74.4	+0.7	74.0	+2.1	67.1	+0.5	54.8	-0.5	40.6	-3.2	36.2	+1.2	54.5	+1.0
Damascus	45.2	+10.5	45.0	+5.8	39.8	-6.3	53.6	-0.7	62.3	+1.4	70.0	+0.7	73.2	+2.0	72.8	+1.8	67.6	+0.4	55.6	-0.8	43.3	-1.5	40.4	+2.4	55.7	+1.3
Dante	44.3	.....	43.8	.....	39.7	.....	52.5	.....	60.6	.....	68.8	.....	72.2	.....	71.9	.....	66.0	.....	55.2	.....	42.6	.....	39.4	.....	54.8	.....
Emory	44.2	.....	43.8	.....	40.0	.....	53.7	.....	64.2	.....	71.2	.....	74.8	.....	74.2	.....	67.4	.....	56.1	.....	42.0	.....	37.6	.....	55.8	.....
Glenlyn	44.2	.....	43.8	.....	40.0	.....	53.7	.....	64.2	.....	71.2	.....	74.8	.....	74.2	.....	67.4	.....	56.1	.....	42.0	.....	37.6	.....	55.8	.....
Hot Springs	41.4	+9.8	40.9	+8.7	36.4	-5.7	50.1	0.0	59.8	+0.1	67.0	+0.4	70.4	+1.1	69.0	+0.9	62.4	-0.2	53.0	+0.7	38.9	-3.7	36.3	+2.6	52.1	+1.2
Lexington	44.6	+10.7	43.3	+7.7	40.1	-4.0	52.5	-0.6	62.6	-0.1	70.6	+0.1	76.0	+1.6	75.2	+2.3	67.4	+0.7	57.0	+1.8	43.3	-0.3	37.4	+1.9	55.8	+1.8
Pennington Gap	46.0	.....	47.0	.....	41.5	.....	55.2	.....	63.3	.....	71.8	.....	75.5	.....	74.6	.....	68.6	.....	56.0	.....	44.4	.....	39.2	.....	56.9	.....
Roanoke	46.2	+8.9	47.1	+8.8	42.8	-4.8	55.4	-0.9	65.2	+2.7	73.0	+1.2	77.8	+2.1	77.0	+2.6	70.2	+2.0	58.6	+1.2	44.4	-2.3	40.0	+1.3	58.1	+1.9
Saltville	44.1	+9.4	43.6	+8.1	39.4	-5.7	53.8	-0.9	63.6	+1.0	71.4	+0.8	74.8	+0.1	74.0	+0.5	66.9	-2.2	55.6	+0.2	42.2	-3.7	39.4	+2.7	55.7	+0.7
Staunton	45.3	+9.9	43.8	+8.1	39.0	-5.8	51.6	-1.9	62.8	-0.7	71.4	+0.8	75.4	+1.1	75.5	+2.5	67.9	+0.3	55.7	-0.3	42.7	-2.7	40.2	+3.1	55.9	+1.2
Winchester	44.3	+12.6	41.2	+6.6	37.8	-5.5	50.4	-2.8	63.2	-0.3	71.7	-0.4	76.0	-0.2	74.6	+4.6	68.7	+0.7	55.4	-						