

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CHARLES F. MARVIN, Chief

In Cooperation with Maryland State Weather Service

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE SECTION

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GENERAL SUMMARY

In 1929 there was much less property damage from weather elements than in 1928. The winter was rather mild, with precipitation well below normal and a light seasonal snowfall; the spring was warm and wet; the summer was cool, sunshiny, and dry, with unusual frequency of thunderstorms; the autumn was wet and also mild, except that October was very cool. The only general heavy snowstorm of the winter occurred February 21; the only general damaging windstorm was March 7; the tide was very high in Chesapeake Bay April 16, May 3, and October 2-3 and 22; two tornadoes occurred at night May 2 in north-central Maryland; and a tropical hurricane passed over the section October 2, but caused little property damage.

The annual mean temperature, 54.4°, was 0.5° warmer than normal. January averaged slightly above normal; February was normal; March and April were very warm; May, June, and July were slightly cool; August and October were very cool; and September, November, and December were mild.

Precipitation for the year averaged 42.46 inches, which is 0.94 inch above normal. Precipitation was deficient in January, March, May, July, August, and December; slightly above normal in February, June, September, and November; and abundant in April and October. Annual amounts were 40 to 50 inches, except between 30 and 40 inches in central and eastern Allegany County, in Howard and northern Prince Georges Counties, the southern portion of southern Maryland, in southern Somerset and southern Worcester Counties, and the northern third of the Eastern Shore, and except between 50 and 60 inches in northwestern Frederick and northern Baltimore Counties.

Annual snowfall averaged 20 inches, which is 6.4 inches below normal. Annual amounts were 8 to 18 inches over southern Maryland and the Eastern Shore; 15 to 30 inches in north-central Maryland, except 30 to 34 inches in the Blue Ridge Mountain region; and between 20 and 30 inches in western Maryland, except above 30 inches in the Allegheny Mountain region, with maximum of 60 inches in the highlands.

The annual number of days with 0.01 inch or more of precipitation for the section averaged 117, or 8 above normal.

The sunshine of the year was slightly above normal. Sunshine was abundant in January, June, July, and August, but very deficient in April and November.

The growing season, or interval between the last general killing frost in spring and the first general killing in autumn, was shorter than normal by two weeks generally, except longer than normal by one to two weeks in the Blue Ridge Mountain region, on the northern Eastern Shore, and in southern Maryland, and by five weeks in the Chesapeake Bay region.

Wheat, rye, barley, oats, early potatoes, sweet potatoes, tomatoes, peas, and strawberries were good crops, while sugar corn, field corn, late potatoes, tobacco, apples, peaches, and pears were fair crops.

Outstanding features during 1929: *January*.—Cold waves 7-8th and 13-14th; low temperatures 25th to 31st; light monthly snowfall; ice in upper Chesapeake Bay closing week. *February*.—

Cold wave 20th-21st; mild periods marked by fog; heavy snowstorm 21st, with falls 5 to 8 inches over southern half of section and 8 to 12 inches over northern half; ice in upper Chesapeake Bay first decade. *March*.—Very light snowfall confined to northern-border counties; very warm periods 11-16th and 19-25th; heavy northeast rains 2d and 4-6th; westerly gale 7th featured by gusts of hurricane force, causing some property damage in nearly every community, total loss estimated between \$500,000 and \$1,000,000. *April*.—Unusually mild and wet; very light snowfall confined to Allegheny Mountain region; cloudy and wet period 9-17th; very warm spell 4-9th, with summer temperatures, unprecedented for intensity and duration so early in the year; southwest gale over north portion 1st; northeast storm 15-16th, with highwinds (gale force on Eastern Shore) and heavy rains, causing high tide in Chesapeake and Delaware Bays and along the coast and high water in all streams. *May*.—Unusual frequency of thunderstorms; severe thunderstorms night 2d; two were tornadoes, one passing through Frederick County and the other through Montgomery and Howard Counties, causing death of 6 persons, injury to 10 others, and property loss of nearly \$200,000; high tide along the eastern shore of Chesapeake Bay 3d, caused by southwest gale; heavy northeast rain over southern third of section 20th-21st; heavy hail at Maryland Line 24th, damaging crops and tree fruit. *June*.—Very cool spell 2d to 6th, with freezing temperatures in Allegheny Mountain highlands and light frost over western half of section and interior of the Eastern Shore 4th;

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COMPARATIVE DATA FOR MARYLAND AND DELAWARE

Year	Temperature				Precipitation						
	Mean	Departure from the normal	Highest	Lowest	Average	Departure from the normal	Greatest local	Least local	Greatest in 24 hours	Snowfall	Number of days with 0.01 inch or more
1895.....	52.6	-1.3	102	-18	34.47	-7.03	42.07	14.42	4.80	29.9	94
1896.....	54.0	+0.1	103	-13	37.11	-4.39	64.94	30.18	4.50	23.0	92
1897.....	53.6	-0.3	102	-12	44.97	-3.47	63.85	32.56	14.75	18.4	109
1898.....	54.9	+1.0	103	-20	42.11	+0.61	65.77	32.59	5.93	21.6	109
1899.....	53.5	-0.4	102	-26	40.84	-0.66	51.38	28.69	5.35	40.3	98
1900.....	55.0	+1.1	106	-15	36.66	-4.84	52.19	23.21	5.53	26.8	88
1901.....	52.6	-1.3	106	-15	45.08	+3.58	70.87	34.63	5.45	18.7	99
1902.....	53.6	-0.3	104	-17	43.20	+7.70	61.38	33.75	6.00	33.3	105
1903.....	53.3	-0.6	100	-12	46.94	+5.44	73.72	36.58	6.00	17.9	106
1904.....	51.2	-2.7	102	-20	36.49	-5.01	50.26	25.72	5.90	41.8	96
1905.....	53.3	-0.6	104	-20	43.84	+2.34	64.64	31.88	4.65	36.1	106
1906.....	54.6	+0.7	101	-15	48.01	+6.51	62.92	36.10	8.66	20.7	123
1907.....	52.2	-1.7	99	-29	48.86	+7.36	66.59	37.55	5.00	34.6	121
1908.....	54.1	+0.2	102	-21	40.07	-1.49	52.50	31.63	7.93	32.5	101
1909.....	54.0	+0.1	99	-5	37.47	-4.03	50.45	28.30	3.80	30.0	105
1910.....	53.8	-0.1	99	-15	37.42	-4.08	52.45	26.74	7.19	34.8	109
1911.....	54.9	+1.0	106	-5	43.61	+2.11	55.58	33.62	7.35	23.2	119
1912.....	53.3	-0.6	102	-40	43.42	+1.92	52.68	35.50	6.07	32.2	112
1913.....	56.1	+2.2	102	-6	38.98	-2.52	48.96	25.41	4.05	6.1	108
1914.....	53.4	-0.5	102	-21	35.97	-5.53	43.32	29.35	3.81	37.2	98
1915.....	54.1	+0.2	103	-6	43.58	+2.08	59.39	26.82	5.11	23.1	107
1916.....	53.2	-0.7	101	-11	40.47	-1.03	49.72	26.14	6.00	28.5	112
1917.....	51.3	-2.6	102	-32	40.65	-0.85	54.22	27.17	4.82	35.7	110
1918.....	53.8	-0.1	103	-30	37.96	-3.54	46.95	28.88	4.50	31.4	98
1919.....	54.9	+1.0	105	-19	47.62	+6.12	60.84	30.69	9.02	11.9	114
1920.....	53.3	-0.6	98	-10	44.95	+3.45	56.29	32.49	4.30	20.0	113
1921.....	55.6	+2.7	102	-15	37.72	-3.78	54.12	28.89	5.60	20.5	114
1922.....	55.0	+1.1	100	-15	40.15	-1.45	55.65	24.39	6.75	34.8	111
1923.....	54.4	+0.5	102	-9	40.27	-1.23	50.38	31.47	5.17	22.0	115
1924.....	52.6	-1.3	103	-13	46.26	+4.76	52.70	37.41	4.53	30.5	111
1925.....	54.6	+0.7	104	-31	34.91	-6.59	48.37	27.87	5.25	29.0	112
1926.....	52.8	-1.1	107	-16	43.90	+2.40	54.02	32.08	6.54	24.6	123
1927.....	54.4	+0.5	100	-5	40.37	-1.13	53.56	27.89	3.92	15.3	125
1928.....	54.0	+0.1	100	-11	45.09	+3.59	55.38	34.92	11.66	25.4	118
1929.....	54.4	+0.5	102	-13	42.46	+0.94	55.60	33.09	4.58	26.0	117

Climatological Data for the Year 1929

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	
Maryland																					
Aberdeen	Harford	80	11	53.7	95	July 29	7	Jan. 14	11	37.92	6.33	Apr.	1.80	Aug.	13.4	116	116	111	138	s.	
Annapolis	Anne Arundel	45	64	56.0	97	July 30	8	Jan. 14	56	43.52	7.47	Apr.	1.13	July	12.5	127	155	96	114	w.	
Baltimore (U.S.W.B.)	Baltimore	115	59	56.8	97	July 29	9	Jan. 14	59	42.47	6.77	Oct.	1.13	July	15.8	129	147	99	119	sw.	
Bell	Prince Georges	151	9	54.1	99	July 28	2	Jan. 14	9	37.51	6.45	Apr.	0.72	July	12.3	120	161	96	108	n.w.	
Boys	Montgomery	424	10	100	Sept. 3	5	Jan. 14	10	10	7.39	7.39	Oct.	1.81	July	9.5	95	167	89	109	n.w.	
Cambridge (near)	Dorchester	25	36	57.1	98	July 29	12	Jan. 14	36	43.48	8.24	Apr.	0.85	July	9.5	95	167	89	109	s.	
Cecilton	Cecil	85	11	99	July 29	9	Jan. 14	11	11	7.45	7.45	Apr.	0.90	July	9.6	120	170	92	103	sw.	
Cheltenham	Prince Georges	230	29	56.0	98	July 29	7	Jan. 14*	29	46.30	8.16	June	2.24	Jan. †	9.6	120	170	92	103	sw.	
Cheswick	Washington	530	32	52.1	96	Sept. 3	3	Jan. 14	32	41.19	5.96	Oct.	1.21	Dec.	33.4	116	179	95	91	sw.	
Clear Spring	do	600	27	101	July 28	9	Jan. 14	32	32	7.37	7.37	Apr.	0.74	July	13.7	104	171	100	94	w.	
Coleman	Kent	80	30	55.8	98	July 28	9	Jan. 14	32	40.61	8.11	June	1.06	July	10.4	118	168	91	106	sw.	
College Park	Prince Georges	87	42	55.2	96	July 29	5	Jan. 14	43	39.64	7.09	June	1.06	July	10.4	118	168	91	106	sw.	
Crisfield	Somerset	5	10	93	July 10*	9	Jan. 14	10	10	7.37	7.37	Apr.	1.05	Sept.	1.05	Sept.	1.05	Sept.	1.05	Sept.	sw.
Cumberland	Allegany	623	46	53.9	100	July 28	4	Jan. 14	57	38.27	6.97	Apr.	0.88	July	25.3	123	176	91	98	sw.	
Darlington	Harford	300	39	53.2	97	Sept. 3	4	Jan. 14*	38	44.71	5.88	Sept.	1.80	Aug.	19.5	112	166	109	100	sw.	
Easton	Talbot	35	39	55.1	94	July 9*	9	Jan. 14	39	44.70	6.94	Apr.	1.81	Jan.	8.5	117	168	99	98	sw.	
Elkton	Cecil	28	3	54.3	98	Sept. 3	6	Jan. 14	3	40.15	6.19	Apr.	2.24	Nov.	14.3	108	173	95	97	w.	
Emmitsburg	Frederick	720	61	53.6	96	June 19	2	Jan. 14	60	47.59	6.97	Apr.	1.17	July	18.7	129	159	122	94	n.w.	
Fallston	Harford	450	60	53.6	97	July 29	4	Jan. 14	60	47.59	6.97	Apr.	1.17	July	18.7	129	159	122	94	n.w.	
Ferry Landing	Calvert	110	13	55.6	96	Aug. 18	6	Jan. 14	13	39.43	6.86	June	1.59	Aug.	10.0	110	165	97	103	sw.	
Frederick	Frederick	275	55	55.1	100	July 28	7	Jan. 14	55	44.68	7.10	Oct.	2.30	Dec.	30.3	114	182	84	99	sw.	
Friendsville	Garrett	1,501	11	49.1	91	Sept. 7	-11	Jan. 14	11	45.31	7.34	Oct.	1.14	July	56.0	118	171	118	130	sw.	
Frostburg	Allegany	1,929	25	50.3	93	Aug. 1	-4	Jan. 14	28	47.99	8.43	Apr.	0.59	July	35.2	126	163	99	103	w.	
Grantsville	Garrett	2,351	36	98	July 28	-10	Jan. 14	36	36	7.37	7.37	Apr.	1.68	July	1.68	July	1.68	July	1.68	July	sw.
Great Falls	Montgomery	200	32	54.7	98	July 7	5	Jan. 14	40	39.89	6.32	Oct.	1.65	Nov.	15.0	116	157	107	101	sw.	
Hancock (Tonoloway)	Washington	465	18	52.4	99	July 28	1	Jan. 14	19	42.28	8.46	Oct.	1.51	July	28.3	113	189	88	88	sw.	
Keedysville	do	400	25	54.3	100	Sept. 3	4	Jan. 14	25	43.14	9.27	Oct.	1.70	Aug.	26.8	117	181	90	94	s.	
Laurel	Prince Georges	320	35	54.4	96	July 28*	3	Jan. 14	35	38.18	6.53	June	1.13	July	11.8	128	164	95	106	sw.	
Lutherville	Baltimore	340	3	53.1	98	July 28*	3	Jan. 14	3	45.19	7.51	Oct.	1.21	July	20.7	129	167	94	104	sw.	
Maryland Line	Baltimore	840	5	52.6	95	Aug. 1*	1	Jan. 14	5	54.81	9.01	Oct.	1.04	July	26.5	109	175	92	98	w.	
Mechanicville	St. Marys	165	27	55.4	98	June 19	7	Feb. 24	31	38.28	6.60	Apr.	1.81	May	13.2	122	172	92	101	s.	
Millington	Kent	110	4	57.3	97	July 29	6	Dec. 1	4	35.93	5.97	June	0.68	Sept.	9.3	113	167	89	109	sw.	
Newburg	Charles	2,461	30	48.1	90	Sept. 3*	-13	Jan. 14	30	48.98	8.09	Oct.	2.42	July	60.0	153	120	126	119	w.	
Oakland	Allegany	900	3	52.5	100	July 28	0	Jan. 14	3	37.50	6.91	Oct.	0.88	July	20.0	114	191	81	93	w.	
Picardy	Baltimore	660	3	52.5	100	July 28	0	Jan. 14	3	37.50	6.91	Oct.	0.88	July	20.0	114	191	81	93	w.	
Pocomoke City	Worcester	37	24	57.16	95	Feb. 1	24	37.16	5.51	Feb.	1.60	Dec.	1.60	Dec.	1.60	Dec.	1.60	Dec.	1.60	Dec.	sw.
Princess Anne	Somerset	17	54	56.0	96	July 29	11	Jan. 14	36	43.70	7.54	Apr.	1.63	July	13.3	106	123	148	94	sw.	
Public Landing	Worcester	10	14	56.5	95	July 10	8	Jan. 14*	14	41.51	6.81	Feb.	1.77	Aug.	13.6	98	136	128	101	s.	
Ridgely	Caroline	57	8	55.7	97	June 19	9	Jan. 14	8	41.72	6.00	Apr.	1.92	Dec.	12.0	113	159	101	105	sw.	
Rock Hall	Kent	25	15	55.7	98	June 19*	9	Jan. 14	14	42.57	7.80	Apr.	1.46	July	16.3	105	173	96	96	s.	
Salisbury	Wicomico	23	24	57.3	95	July 10*	10	Jan. 14	24	46.22	7.14	June	2.25	Jan.	16.3	104	164	106	95	s.	
Sines (Deep River)	Garrett	2,040	2	48.5	93	July 31	-8	Jan. 14	2	47.20	6.86	Oct.	1.84	July	60.2	151	107	127	131	sw.	
Solomons	Calvert	20	38	57.2	97	July 9	10	Jan. 14	38	39.09	6.61	Apr.	0.70	Sept.	10.3	110	118	115	132	se.	
State Sanatorium	Frederick	1,460	21	52.6	93	Sept. 3	0	Jan. 14	21	55.60	9.16	Oct.	1.84	Aug.	33.7	133	187	75	103	sw.	
Stevensville	Queen Annes	12	8	56.0	95	June 19*	7	Jan. 14	3	45.30	8.01	Apr.	1.78	July	12.3	115	161	98	106	sw.	
Takoma	Montgomery	320	31	95	Sept. 2	10	Jan. 14	31	31	34.29	6.09	June	0.90	July	14.2	123	132	108	125	sw.	
Towson	Baltimore	465	36	53.3	99	July 28	0	Jan. 14	36	40.26	7.84	Apr.	1.56	July	34.7	133	182	87	96	sw.	
Western Port	Allegany	1,000	36	53.3	98	Sept. 3	3	Jan. 14	20	47.94	7.64	Sept.	1.75	July	27.4	124	182	87	96	sw.	
Westminster	Carroll	770	20	53.6	98	Sept. 3	3	Jan. 14	20	47.94	7.64	Sept.	1.75	July	27.4	124	182	87	96	sw.	
Woodstock	Baltimore	415	59	53.8	96	July 28*	5	Jan. 14	59	40.28	5.45	Oct.	1.18	Aug.	18.5	112	169	101	95	w.	
District of Columbia																					
Washington (U.S.W.B.)	Washington	112	59	56.5	97	July 28*	8	Jan. 14	59	39.42	7.41	June	1.29	July	10.4	122	132	108	125	s.	
Delaware																					
Bridgeville	Sussex	45	6	56.6	97	June 19*	7	Jan. 14	6	39.58	5.95	Apr.	1.61	July	11.0	116	161	116	88	sw.	
Delaware City	New Castle	12	43	55.0	97	June 19	6	Jan. 14	39	37.75	6.20	Apr.	1.40	July	12.2	102	169	92	104	s.	
Dover	Kent	34	40	55.9	98	July 29	9	Jan. 14	40	39.49	6.54	Apr.	0.85	July	11.2	118	170	101	94	sw.	
Midford	do	20	37	55.9	99	July 29	7	Jan. 14	47	40.37	7.06	Apr.	1.11	July	10.5	120	147	126	92	n.w.	
Millshoro	Sussex	20	37	56.8	102	July 29	7	Jan. 14	37	40.69	8.17	Apr.	1.28	July	13.0	114	139	129	97	sw.	
Wilmington	New Castle	86	36	54.0	93	June 19*	6	Jan. 14	36	45.68	6.51	Apr.	1.45	July	12.4	115	170	88	107	w.	
For Maryland and District of Columbia																					
For Delaware																					
For entire section																					

*Also on other dates. †Also in September. ‡Also in November.

§Post Office addresses of these stations are as follows: Of Bell, Glendale; of Coleman, Worton; of Fallston, Bagley; of Ferry Landing, Owings; of Great Falls, Bethesda; of Pleasant Hill, Owings Mills; of Public Landing, Snow Hill.

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unusual frequency of thunderstorms second half of month; some damage by hail, lightning, thundergusts, and heavy showers locally third week. *July*.—Abundance of sunshine; unusually dry; unusual frequency of thunderstorms; warm periods 7–10th and 24th–31st; very cool period 15th–22d, with some light frost in Allegheny Mountain region; considerable stock killed and several buildings fired by lightning in southern Queen Annes and northern Talbot Counties 14th. *August*.—Plentiful sunshine; light rainfall; low humidity; much cool weather; some damage by lightning, hail, or thundergusts 13th, 14th, and 30th; some deterioration of crops, corn and tobacco suffering most. *September*.—Warm weather first decade; very cool period 18th–22d; freezing temperatures and damaging frosts in western Maryland 19th and 21st; two barns and contents destroyed by lightning near Westminster night 8th, loss \$20,000. *October*.—Much pleasant

weather; most of the rain fell 1st–2d and 22d; first freezing temperature and killing frost in central and eastern divisions, except Chesapeake Bay region, 11th; tropical hurricane 2d, attended by heavy rains, by southeast gale of brief duration, and record-breaking high tide in Chesapeake Bay. *November*.—Much warm weather; record extremes of temperature; cold wave 29–30th; excessive cloudiness; great deficiency in sunshine; great frequency of days with precipitation and with light fog; first freezing temperature and killing frost in Chesapeake Bay region 10th; winter grains were in fine condition. *December*.—Excessive cloudiness; unusual frequency of light and dense fogs; glaze storms over central and eastern divisions 2d, 12th, and 23d; very warm 14th, 15th, and 19th; heavy snowfall in eastern Washington County and the Blue Ridge Mountain region 2d; winter grains stood well.—J. B., jr.

Monthly and Annual Precipitation for the Year 1929, 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
Maryland																										
Aberdeen	2.85	+0.07	3.21	+0.17	2.73	-0.02	6.38	+2.65	2.36	-0.30	4.23	+0.45	2.41	-2.61	1.80	-2.97	4.11	+0.86	3.24	+0.85	2.02	-0.43	2.57	+0.10	37.92	-1.28
Annapolis	2.40	-1.07	3.48	+0.05	3.36	-0.61	7.47	+3.78	3.08	-1.10	7.75	+3.51	1.13	-3.50	2.78	-1.81	2.38	-1.54	5.05	+1.79	2.19	-0.74	2.46	-1.14	43.52	-2.38
Baltimore (U.S.W.B.)	2.90	-0.60	3.45	+0.96	3.16	-0.55	6.73	+3.39	1.78	-1.76	4.82	+0.94	1.13	-3.51	4.04	-0.33	2.79	-0.68	6.77	+3.88	2.44	-0.12	2.46	-0.91	42.47	-0.09
Bell	2.78	.....	3.26	.....	2.62	.....	6.45	.....	3.95	.....	4.36	.....	0.72	.....	1.30	.....	2.90	.....	4.60	.....	2.08	.....	2.49	.....	37.51	.....
Boys	2.85	0.00	3.08	0.00	2.91	0.00	5.45	+1.76	1.97	-0.92	4.00	+0.14	1.81	-1.41	2.83	-1.46	2.88	-0.28	7.39	+4.74	2.02	.....	2.02	-0.88	.....	.....
Cambridge (near)	1.51	-2.20	4.60	+1.04	4.43	+0.32	8.24	+4.54	1.75	-1.76	6.74	+2.96	0.85	-3.80	2.63	-1.72	2.19	-0.88	5.14	+1.90	2.83	+0.14	2.57	-0.77	43.48	-0.23
Cecilton	2.76	-0.32	3.63	+0.30	2.72	-0.47	7.45	+3.13	2.33	-0.64	2.87	+0.98	0.90	-4.59	2.02	-2.85	5.17	+1.52	.....	.....	2.24	-0.18	2.94	-0.52	46.30	+3.28
Cheltenham	2.24	-1.48	3.42	+0.62	3.60	-0.30	7.18	+3.29	3.39	-0.04	8.16	+3.66	2.27	-2.27	2.41	-1.91	3.14	-0.13	5.31	-2.54	2.24	-0.18	2.94	-0.52	46.30	+3.28
Chewsville	2.74	-0.26	3.64	+0.29	2.67	-0.31	5.22	+2.45	5.08	+1.73	4.38	+0.50	1.85	-2.13	2.06	-1.75	4.86	+1.99	5.96	+3.41	2.52	+0.57	2.11	-1.63	41.19	+4.96
Clear Spring	.....	.....	3.52	+0.77	3.06	-0.58	7.37	+4.11	6.07	+2.24	1.89	-2.17	2.92	-1.07	.....	.....	.....	.....	3.15	+1.03	2.16	-0.13	2.94	-0.52	46.30	+3.28
Coleman	2.70	-0.75	3.04	-0.03	2.99	-0.65	5.78	+2.25	2.21	-1.17	8.11	+4.46	0.74	-3.88	2.67	-1.84	3.57	+0.16	3.89	+0.58	2.41	-0.11	3.00	-0.76	40.61	-1.74
College Park	2.81	-0.42	3.25	+0.08	2.96	-0.67	6.48	+3.01	2.92	-0.96	7.09	+3.07	1.06	-3.38	1.65	-2.28	2.33	-0.89	4.43	+1.79	1.93	-0.69	2.70	-0.38	39.64	-1.62
Crisfield	.....	.....	.....	.....	.....	.....	.....	.....	3.38	+0.36	2.01	-1.57	1.93	-2.86	3.24	-1.44	1.05	-1.81	3.94	+1.50	2.26	-0.60	1.99	-1.57	.....	.....
Cumberland	2.13	-0.40	2.68	+0.15	2.28	-0.78	6.97	+4.25	3.09	-0.39	3.56	-0.62	0.88	-2.35	2.93	-0.55	3.63	+0.90	5.40	+3.03	2.89	+0.75	1.83	-0.69	38.27	+3.40
Darlington	4.22	+0.78	3.90	+0.67	2.72	-0.71	5.81	+2.49	2.72	-0.78	4.65	+0.71	3.32	-2.17	1.80	-2.95	5.88	+0.90	5.00	+2.01	3.20	-0.47	2.43	-1.29	44.71	+1.60
Easton	1.81	-1.28	4.04	+0.93	4.13	+0.47	6.94	+3.65	1.83	-1.46	5.75	+1.97	3.42	-1.09	2.62	-1.53	4.01	+1.01	5.21	+2.09	2.27	-0.33	2.67	-0.42	44.70	+4.01
Elkton	2.93	-0.38	3.38	-0.27	2.47	.....	6.19	.....	2.85	.....	3.76	.....	2.64	.....	2.31	.....	3.71	.....	4.03	.....	2.24	.....	2.57	.....	40.15	.....
Emmitsburg	3.85	+0.52	3.12	-0.03	3.17	-0.93	6.12	+2.76	4.62	+0.41	4.29	+0.05	2.15	-1.92	0.66	-2.92	5.88	+0.27	7.38	+3.84	3.00	-0.25	2.79	-0.84	47.79	+1.09
Fallston	3.43	-0.31	3.80	+0.18	2.69	-1.32	6.97	+3.43	2.08	-1.76	6.85	+2.81	1.17	-3.44	3.94	-0.94	4.76	+0.72	6.46	+3.08	2.65	-0.52	2.79	-0.84	47.79	+1.09
Ferry Landing	1.64	-1.82	3.64	+0.86	3.43	-0.17	6.42	+2.71	2.19	-1.55	6.86	+3.26	2.43	-3.90	1.59	-3.38	2.55	-0.94	4.42	+1.54	2.09	-0.85	2.17	-0.67	39.43	-5.31
Frederick	2.72	-0.48	3.56	+0.61	3.18	-0.14	6.09	+2.34	4.82	-1.02	3.20	-1.16	2.34	-1.68	2.53	-1.12	3.72	+0.47	7.10	+4.52	3.12	+0.64	2.30	-0.81	44.68	+4.61
Friendsville	3.25	-0.33	1.99	-1.15	2.94	-0.77	5.89	+1.89	4.16	-0.79	3.56	-1.36	1.14	-3.12	4.24	+0.22	2.92	-0.35	7.34	+3.90	4.46	+1.26	3.43	-0.11	45.31	+0.87
Frostburg	2.45	-1.23	3.03	-0.85	1.90	-1.89	8.43	+4.82	5.32	+1.14	5.25	+0.28	0.59	-3.44	4.24	+0.07	3.09	-0.16	8.14	+5.20	3.01	+0.57	2.54	-0.49	47.99	+5.22
Grantsville	3.23	-0.49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Great Falls	2.55	-0.61	3.17	+0.49	2.40	-0.91	5.83	+2.80	1.81	-1.69	5.81	+2.04	0.31	-1.84	2.77	-0.98	3.15	-0.13	6.32	+3.80	1.65	-0.56	2.12	-1.04	39.89	+1.37
Hancock (Tonoloway)	1.94	-0.81	2.76	+0.60	2.09	-1.18	6.95	+4.24	3.54	+0.28	4.24	-0.17	1.51	-2.26	2.56	-0.57	3.88	+0.50	4.86	+5.83	2.95	+0.83	1.90	-0.87	42.28	+6.42
Keedysville	2.71	-0.50	2.74	+0.19	3.03	+0.09	5.09	+2.05	5.03	+1.66	3.13	-0.91	2.32	-1.49	1.70	-2.62	2.98	+0.10	9.27	+6.52	2.95	+1.02	2.19	-0.69	43.14	+5.52
Laurel	2.29	-1.16	2.87	-0.07	2.84	-0.91	5.97	+2.40	1.55	-2.06	6.53	+2.43	1.13	-3.55	2.31	-2.26	3.43	+0.09	4.96	+2.20	1.87	-0.57	4.43	-1.10	38.18	-4.56
Lutherville	3.78	.....	3.62	.....	3.26	.....	6.36	.....	2.29	.....	6.05	.....	1.21	.....	3.05	.....	3.25	.....	7.51	.....	2.27	.....	2.24	.....	45.19	.....
Maryland Line	3.88	.....	3.59	.....	3.30	.....	6.40	.....	6.89	.....	4.71	.....	1.04	.....	2.34	.....	7.73	.....	9.01	.....	3.26	.....	2.66	.....	54.81	.....
Mechanicsville	1.87	.....	4.27	.....	3.05	.....	7.69	.....	2.30	.....	8.48	.....	1.14	.....	3.87	.....	2.38	.....	5.13	.....	2.22	.....	3.10	.....	45.50	.....
Millington	2.18	-1.41	4.15	+0.90	3.19	-0.85	6.60	+2.98	1.31	-1.92	4.26	+0.47	3.38	-3.32	3.39	-0.95	2.83	-0.75	3.76	+0.85	2.17	-0.40	3.06	-0.71	38.28	-5.11
Newburg	1.58	.....	3.52	.....	3.08	.....	5.43	.....	2.65	.....	5.97	.....	0.85	.....	2.65	.....	0.68	.....	5.00	.....	2.17	.....	2.45	.....	35.98	.....
Oakland	3.23	-1.06	2.76	-0.56	2.90	-0.91	7.60	+3.61	5.61	+1.14	2.96	-1.72	4.22	-2.27	3.58	-0.58	3.22	+0.07	8.09	+4.85	3.74	+1.06	2.87	-0.92	48.98	+2.71
Picardy	1.80	.....	2.66	.....	2.02	.....	5.56	.....	3.53	.....	3.12	.....	0.88	.....	2.28	.....	3.39	.....	6.91	.....	3.72	.....	1.63	.....	37.60	.....
Pleasant Hill	3.71	.....	3.75	.....	3.17	.....	5.53	.....	2.09	.....	5.64	.....	1.10	.....	2.34	.....	5.64	.....	5.57	.....	2.61	.....	1.60	-1.77	37.16	-2.51
Pocomoke City	2.05	-0.98	5.51	+2.04	4.36	+0.80	8.12	+4.92	2.48	-0.37	3.12	-0.55	3.02	-0.72	2.23	-2.07	2.44	-0.56	3.13	+0.03	2.13	-0.28	1.60	-1.77	37.16	-2.51
Princess Anne	2.37	-0.85	6.01	+2.57	4.75	+0.85	7.54	+4.12	2.92	-0.27	5.07	+1.32	1.63	-2.70	2.47	-2.64	3.73	+0.96	2.41	-0.79	2.70	+0.28	2.10	-1.13	43.70	+1.72
Public Landing	2.21	-1.41	6.31	+3.71	5.40	+1.45	4.61	+0.99	2.71	-0.26	4.37	+1.54	1.14	+0.14	1.77	-2.32	2.94	+0.31	2.71	-0.01	1.81	-0.61	2.03	-1.58	41.51	+1.95
Ridgely	2.30	-0.81	3.83	+0.85	4.36	+0.78	6.00	+2.69	2.17	-1.40	4.59	+0.76	2.66	-1.85	3.81	-0.65	4.58	+1.51	3.00	-0.01	2.45	-0.13	1.92	-1.22	41.72	+0.52
Rock Hall	2.67	-0.74	3.56	+0.32	3.26	-0.28	7.80	+4.47	2.68	-0.52	5.90	+2.48	1.46	-3.30	4.11	-0.39	1.87	-2.02	4.56	+2.53	1.89	-0.95	2.81	-0.20	42.57	+1.40
Salisbury	2.25	-1.39	5.35	+2.27	3.91	-0.21	5.64	+2.23	2.27	-1.16	7.14	+3.39	2.70	-1.16	2.84	-2.54	5.97	+2.79	3.02	-0.21	6.41	-0.20	2.52	-0.96	46.22	+2.85
Sines (Deep Creek)	3.70	.....	2.36	.....	3.04	.....	6.73	.....	6.51	.....	2.93	.....	1.84	.....	4.06	.....	2.39	.....	6.86	.....	4.33	.....	2.60	.....	47.20	.....
Solomons	1.22	-1.67	3.78	+0.82	3.70	+0.40	6.61	+3.69	1.39	-1.62	2.83	-0.36	1.66	-2.61	4.17	+0.40	0.70	-1.95	3.12	+0.53	1.91	-0.09	1.95	-0.75	33.09	-3.21
State Sanatorium	4.07	+0.47	3.05	+0.21	2.98	-0.35	6.41	+2.92	6.36	+2.38	6.66	+1.97	4.49	+0.39	1.84	-2.75	5.36	+1.45	9.16	+6.56	2.86	+0.48	2.36	-0.77	55.60	+12.96
Stevensville	2.36</																								

Monthly and Annual Mean Temperatures for the Year 1929, 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
Maryland																										
Aberdeen	32.4	+1.4	32.5	-1.3	46.4	+3.4	54.0	+2.6	61.5	+0.9	70.6	0.0	74.6	-0.2	71.6	-0.9	68.3	+0.7	53.0	-3.1	45.0	+0.1	34.8	0.0	53.7	+0.3
Annapolis	35.5	+1.2	34.2	-0.6	48.2	+4.8	56.9	+2.4	62.7	-1.5	72.1	-1.4	76.4	-1.3	73.6	-2.6	69.8	+0.1	56.4	-1.7	48.9	+2.1	38.0	+0.9	56.0	+0.2
Baltimore (U.S.W.B.)	35.4	+1.6	35.6	+0.2	50.2	+7.9	57.4	+3.8	64.3	-0.1	73.3	+0.6	77.4	+0.2	74.4	-1.1	70.4	+1.9	56.2	-2.0	48.3	+2.0	38.7	+1.5	56.8	+1.4
Bell	32.1	...	31.2	...	47.7	...	55.7	...	62.7	...	70.4	...	74.8	...	72.2	...	68.4	...	52.7	...	46.0	...	35.4	...	54.1	...
Boys	31.9	-0.1	31.8	-3.3	47.6	+3.2	55.0	+2.3	62.2	+0.8	70.6	-0.4	74.0	-1.0	71.6	-1.2	68.6	+0.4	52.6	-3.4	...	...	37.2	+1.1	...	...
Cambridge (near)	37.2	+1.7	37.0	+1.6	51.1	+6.0	57.8	+2.8	64.0	-1.5	72.2	-1.5	76.6	-1.5	73.4	-2.9	70.4	-0.1	56.2	-3.0	49.2	+1.8	39.6	+1.7	57.1	+0.5
Cecilton	33.6	+0.9	34.0	-1.4	49.6	+4.6	56.8	+2.9	62.5	+1.1	72.2	+0.5	76.4	+0.7	73.1	-0.5	69.9	+1.3	...	...	...	...	...	...	...	...
Cheltenham	35.1	+0.8	35.1	+0.5	50.6	+5.5	58.0	+3.8	63.8	+0.3	70.8	-0.4	75.0	-0.6	72.3	-1.2	69.8	+1.6	55.0	-2.2	48.2	+2.8	38.7	+8.0	56.0	+1.1
Chesville	30.2	-0.3	29.7	-0.6	45.6	+4.2	53.5	+2.6	60.6	-0.3	69.0	-0.5	72.2	-1.9	69.2	-2.8	66.6	+0.6	50.4	-4.3	43.8	+1.2	34.6	+2.0	52.1	0.0
Clear Spring	...	...	30.8	+2.3	46.8	+6.7	54.8	+4.4	61.8	+0.7	70.4	+1.9	74.8	+1.3	...	...	70.2	+1.0	56.1	-2.2	48.0	+1.8	36.8	+0.9	55.8	+0.8
Coleman	34.1	+0.8	34.2	+1.0	49.0	+5.1	56.2	+2.8	63.0	+0.6	72.2	+0.3	76.7	-0.5	72.6	-1.0	68.8	+1.1	54.0	-2.1	47.6	+3.2	37.4	+1.4	55.2	+0.9
College Park	34.0	+0.7	33.6	-0.6	49.3	+5.6	56.6	+3.5	63.0	+0.4	70.8	-0.5	74.4	-0.7	71.6	-0.6	68.8	+1.1	54.0	-2.1	47.6	+3.2	37.4	+1.4	55.2	+0.9
Crisfield	...	...	...	...	...	...	...	...	65.0	+1.5	73.0	0.0	76.8	0.0	74.6	-0.6	71.0	0.0	59.2	-1.3	50.7	+0.6	41.4	+0.6	...	...
Cumberland	30.8	-0.1	31.0	-1.9	46.8	+6.8	56.2	+4.1	61.8	-0.9	70.7	+0.1	74.5	+0.5	71.1	-0.9	68.4	+3.0	53.5	-0.7	44.1	+1.7	37.6	+3.6	53.9	+1.3
Darlington	30.8	0.0	31.4	+0.6	46.2	+4.8	54.4	+2.6	61.0	-1.0	70.0	-0.1	73.9	-0.6	71.2	-1.2	68.2	+1.7	52.4	-0.7	44.9	+1.3	33.8	+0.1	53.2	+0.5
Easton	33.7	-0.9	34.4	-0.2	48.4	+4.1	55.8	+2.2	62.2	-1.3	71.0	-0.4	75.2	-0.9	72.2	-2.0	69.0	+0.4	54.2	-3.6	47.2	+0.9	38.1	+1.1	55.1	-0.1
Elkton	32.7	...	32.6	...	47.8	...	54.6	...	61.9	...	71.2	...	75.1	...	71.8	...	68.6	...	53.5	...	46.3	...	35.4	...	54.3	...
Fallston	30.6	-0.1	31.6	-0.3	47.3	+6.9	55.2	+3.3	60.8	-1.1	70.7	+0.6	74.4	-0.8	72.1	-0.4	67.6	+1.6	52.9	-2.1	44.6	+1.6	35.1	+1.2	53.6	+1.2
Ferry Landing	31.0	0.0	32.3	+0.6	47.0	+7.1	54.3	+3.5	61.4	+0.1	70.4	+0.8	73.8	-0.2	71.0	-1.0	68.0	+2.0	53.2	-1.9	45.6	+2.2	35.1	+1.2	53.6	+1.2
Frederick	35.1	+1.3	34.8	-2.2	49.8	+3.4	56.7	+2.8	63.0	+0.1	70.6	-1.7	74.5	-1.0	72.3	-1.4	68.8	+0.2	55.0	-3.1	48.0	+1.5	38.6	+1.2	55.6	+0.1
Frederick	32.5	+0.4	32.6	-0.3	48.8	+6.5	57.2	+4.3	63.8	+0.3	72.8	-0.8	75.5	-0.8	73.1	-0.8	69.0	+1.6	53.5	-2.2	46.4	+2.4	36.4	+0.7	55.1	-1.1
Friendsville	27.9	-1.2	27.7	-4.3	43.6	+3.9	51.0	+3.0	56.9	+0.5	64.3	-0.8	69.5	+0.7	64.4	-2.3	63.3	+0.5	47.8	-1.1	38.9	-1.8	33.4	+0.7	49.1	-0.4
Frostburg	28.0	-1.7	27.7	-2.2	44.9	+5.6	52.2	+2.0	58.0	-1.8	66.2	-1.8	69.0	-2.6	66.6	-3.4	65.1	+0.4	50.4	-3.9	40.9	-0.9	34.6	+2.8	50.3	-0.6
Grantsville	25.5	-1.5	...	...	...	...	...	...	62.6	-1.3	66.6	-1.3	66.6	-1.3	66.6	-1.3	66.6	-1.3	46.4	-3.7	37.6	-1.3	32.8	+8.4	...	...
Great Falls	32.6	0.0	32.0	-0.5	48.6	+5.0	56.8	+3.6	63.7	+0.3	71.4	+0.2	74.6	-1.0	71.8	-1.6	68.2	+0.3	53.4	-2.8	46.8	+2.9	36.0	+1.9	54.7	+0.7
Hancock (Tonoloway)	29.7	+0.1	30.7	+0.3	46.2	+3.9	54.2	+1.6	60.4	-2.4	69.0	-2.6	72.0	-2.9	69.6	-3.5	67.5	-0.3	51.5	-2.9	43.1	-0.2	35.4	+2.2	52.4	-0.6
Keedysville	31.4	-0.3	31.5	-0.8	47.2	+4.0	55.6	+2.3	63.3	-0.3	71.7	+0.3	75.0	-0.5	72.2	-1.2	69.4	+1.8	53.4	-2.5	45.5	+1.8	35.6	+1.9	54.3	+0.6
Laurel	33.0	+0.6	33.0	+0.4	48.4	+5.3	55.6	+2.8	61.8	-1.1	70.2	-0.7	74.2	-1.0	71.6	-1.7	68.1	+0.5	53.8	-1.9	46.6	+2.2	36.7	+2.1	54.4	+0.6
Lutherville	31.2	...	31.5	...	46.9	...	54.4	...	60.8	...	69.3	...	73.4	...	70.5	...	67.0	...	52.1	...	45.4	...	34.6	...	53.1	...
Maryland Line	29.6	...	30.9	...	46.0	...	53.5	...	60.2	...	69.2	...	72.8	...	70.2	...	67.8	...	52.4	...	44.5	...	34.0	...	52.6	...
Millington	33.8	+0.1	34.0	+0.7	49.4	+5.4	56.2	+2.7	63.2	0.0	71.6	+0.3	75.2	-0.9	72.4	-1.5	69.6	+1.2	54.6	-2.7	47.7	+2.5	37.0	+1.2	55.4	+0.8
Newburg	36.8	...	36.0	...	51.2	...	59.7	...	64.6	...	71.8	...	76.0	...	74.4	...	70.8	...	57.0	...	49.6	...	39.6	...	57.3	...
Oakland	27.4	-0.6	26.4	-1.0	42.3	+5.4	49.6	+3.4	56.0	+0.5	63.2	-0.5	66.9	+0.2	63.0	-2.5	61.9	+1.2	47.4	+1.9	39.1	+1.2	33.8	+4.3	48.1	+0.8
Picardy	29.5	...	30.4	...	46.8	...	54.6	...	60.4	...	68.4	...	72.8	...	69.6	...	67.0	...	51.6	...	42.6	...	35.8	...	52.5	...
Princess Anne	36.2	-0.7	36.4	-0.5	50.7	+5.0	56.7	+2.3	63.0	+0.1	71.2	0.0	75.0	-1.0	72.6	-1.8	68.4	-0.4	54.5	-3.2	48.1	+0.8	39.6	+0.7	56.0	+0.1
Public Landing	37.2	+1.0	36.7	0.0	52.8	+7.8	56.0	+3.5	63.5	+1.9	71.6	+0.5	75.8	+0.8	72.4	-1.5	69.5	+1.2	56.0	-2.6	47.5	+0.1	39.8	+0.6	56.5	+1.0
Ridgeley	35.0	+0.7	35.3	+1.2	49.4	+5.5	56.2	+3.0	63.6	+0.3	72.1	+0.4	75.4	-0.7	72.6	-1.5	68.6	0.0	54.4	-2.8	47.8	+2.0	38.1	+1.9	55.7	+0.8
Rock Hall	34.4	+1.1	34.1	+0.6	48.8	+3.8	55.7	+2.6	62.9	+0.8	72.6	-0.6	76.2	-0.6	73.4	-1.6	69.8	+0.5	55.5	-3.0	48.4	+2.4	37.0	+0.1	55.7	+0.5
Salisbury	37.3	+0.4	37.8	+0.6	51.2	+5.6	56.6	+2.0	64.6	+0.8	72.3	+0.1	75.9	-0.7	73.4	-1.4	70.2	+1.1	56.8	-1.7	49.4	+2.6	41.6	+3.2	57.3	+1.1
Sines (Deep Creek)	27.3	...	28.0	...	41.7	...	49.6	...	56.4	...	64.9	...	68.2	...	64.4	...	61.4	...	47.4	...	39.3	...	33.6	...	48.5	...
Solomons	34.2	+1.6	35.6	+0.2	49.8	+5.2	57.6	+4.2	64.2	-0.8	72.2	-1.3	77.0	-1.1	74.6	-2.4	71.2	-0.3	57.6	-2.7	50.0	+1.4	39.8	+1.1	57.2	+0.3
State Sanatorium	29.0	-0.9	29.8	-0.6	46.3	+5.6	54.3	+3.0	60.2	-0.9	69.4	-0.3	73.8	+0.5	70.5	-0.5	67.0	+1.7	51.8	-3.5	43.4	+0.5	35.2	+3.2	52.6	+0.7
Stevensville	34.6	...	34.5	...	49.0	...	55.4	...	63.0	...	71.2	...	76.4	...	74.0	...	70.5	...	56.9	...	49.0	...	38.0	...	56.0	...
Takoma	33.4	+1.1	33.8	+1.6	49.5	+6.4	57.0	+4.0	62.3	-0.4	70.6	+0.3	74.8	-0.1	...	...	68.6	+1.6	54.4	-1.7	46.9	+2.4	37.4	+3.0	...	...
Western Port	30.9	+0.2	31.9	+0.5	47.5	+5.6	55.4	+3.6	61.0	-0.9	69.0	-0.5	73.0	-0.4	69.6	-2.2	67.8	+1.3	52.6	-2.2	43.2	+0.4	37.6	+4.4	53.3	+0.8
Westminster	31.2	+0.3	32.1	+0.7	47.6	+5.8	54.6	+1.9	61.3	-1.8	70.2	-1.2	73.6	-1.6	71.0	-2.1	68.1	+0.1	52.8	-3.0	45.0	+0.4	36.0	+2.4	53.6	+0.1
Woodstock	31.7	-0.2	30.8	-2.2	47.8	+6.4	55.6	+3.2	61.8	-1.3	70.4	-0.6	73.6	-1.6	71.2	-1.4	67.7	+1.6	53.0	-1.9	46.4	+3.2	35.5	+1.2	53.8	+0.5
District of Columbia																										
Washington (U.S.W.B.)	34.9	+1.5	35.0	-0.3	50.2	+7.6	57.6	+4.3	64.5	+0.8	72.4	+0.2	76.9	+0.1	74.4	-0.6	70.2	+2.1	55.6	-1.8	47.6	+2.4	38.4	+1.8	56.5	+1.5
Delaware																										
Bridgeville	35.6	+0.7	35.8	+1.1	50.9	+6.7	56.8	+3.6	63.5	+0.3	72.0	+0.7	76.1	+0.2	73.4	-0.8	69.8	+1.3	56.2	-1.0	49.3	+3.2	39.9	+2.7	56.6	+1.6
Delaware City	33.4	+0.9	33.7	0.0	48.6	+7.3	55.0	+2.7	61.8	-1.3	71.0	-1.1	75.0	-0.6	72.9	-1.8	69.8	+1.4								