

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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VOL. XXXV BALTIMORE, MD., YEAR 1930 No. 13

GENERAL SUMMARY

The year 1930 stands out conspicuously as the driest year since 1869 and 1870—a year of drought and marked crop injury. It was warm and sunshiny. A heat wave from July 18 to August 10, inclusive, produced the highest temperature of record (records begin with 1871), 110° at Millsboro, Del., on July 21, and the greatest number of days with temperature of 90° or higher and of 100° or higher in the 60-year period. Some damage was caused by lightning, thundergusts, and hail.

The drought caused a loss of \$40,000,000 to farmers in Maryland, according to the State Extension Service, while the loss from forest fires was placed at \$580,000 by the Maryland State Forester.

The annual mean temperature, 55.0°, was 1.1° warmer than normal and the highest since 1922 when it was also 55.0°. January was mild; February was very mild; April and October were cool; May, June, July, and August were warm, while September was very warm; December was moderately cold; March and November were near normal.

Precipitation for the year averaged but 23.78 inches, which was 57 per cent of normal. In the 35 preceding years, with numerous records available, the smallest annual average was 34.47 inches in 1895. For the section, as a whole, precipitation was deficient in every month; in fact, the deficiency began in December, 1929. A drought of great duration and intensity began on June 27 and continued at the close of the year. January to June produced 63 per cent of the precipitation that the year furnished, this being 71 per cent of normal for first half of year, while July to December produced but 43 per cent of normal for the second half of year. July to October produced only 34 per cent of normal for the four months. June had the greatest monthly average rainfall and October the least. However, August had the greatest monthly average deficiency and January the least. Annual amounts were 25 to 30 inches in the Allegheny Mountain highlands; the central and northeastern portions of Washington County, the northern portions of Frederick, Carroll, Baltimore, Harford, and Cecil Counties, and in Delaware, except between 30 and 35 inches in east-central Delaware; they were between 20 and 25 inches generally elsewhere over the section, except between 17 and 20 inches in central and eastern Allegany, southern Frederick, Howard, Montgomery, and northern Prince Georges Counties.

Annual snowfall averaged 22.4 inches, which was 3.9 inches below normal. The northern third of the Eastern Shore was the area of least annual snowfall, the totals ranging from 9 to 15 inches. Elsewhere over the section to eastward of the Allegheny Mountains annual amounts were usually between 15 and 30 inches, but were between 25 and 35 inches in central Washington County. In the Allegheny Mountain region they increased westward along the eastern Slope and were about 50 inches at the crest and between 55 and 70 inches in the highlands.

The annual number of days with 0.01 inch or more of precipitation for the section averaged 94, which was 15 less than normal.

The annual amount of sunshine was 63 per cent of possible, which was 5 per cent greater than normal and the greatest since 1912 when it was the same. Sunshine was unusually plentiful in March and was abundant in all other months, except normal in April and deficient in January, November, and December.

The growing season, or interval between the last general killing frost in spring and the first general killing frost in autumn, was shorter than normal by one to two weeks generally, except three weeks in the Chesapeake Bay region.

Wheat, rye, and barley were good to excellent crops; oats yielded fair to good; strawberries, cantaloupes, and watermelons were fair crops; while field corn, sugar corn, early potatoes, late potatoes, sweet potatoes, peas, tomatoes, tobacco, truck, apples, peaches, pears, and hay were poor crops.

Outstanding features during 1930: *January*.—Very mild first half; cold second half; cold wave 19–20th; heavy rain southern Maryland and central and northern Eastern Shore 14th; snowstorms 18th and 30th; heavy monthly snowfall; drift ice upper Chesapeake Bay last week; winter grains far advanced for season. *February*.—Unusual mildness; much pleasant weather; cold wave 15–17th; unseasonably warm 19–26th, maximum temperatures 25th highest of record so early in year; heavy rain 13–14th eastern half of section; light monthly snowfall; drift ice upper Chesapeake Bay first half month; grains, pastures, and grasses green and in good condition. *March*.—Much clear, pleasant weather; unusual abundance sunshine; light monthly snowfall, confined to western Maryland; winter grains and grasses ahead of normal; farming operations full swing eastern and central divisions; early plum, peach, and pear trees in bloom southern half of section. *April*.—Snowfall confined to Allegheny Mountain region; heavy rain 6th; third decade dry; warm period 11–14th; cold snap 23d–26th, damaging fruit blossoms; severe thundergust 7th caused loss

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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	13.4	109
1898.....	54.9	+1.0	109	-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	37.65	5.00	34.6	121
1908.....	54.1	+0.2	102	-21	40.01	-1.49	52.50	31.63	7.93	32.5	101
1909.....	54.0	-0.1	99	-5	37.47	-4.03	50.45	28.20	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	35.90	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	108	-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	4.52	35.7	110
1918.....	53.5	-0.1	109	-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	23.0	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	53.66	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	20.0	117
1930.....	55.0	+1.1	110	-20	23.78	-17.72	33.52	17.76	3.25	22.4	94

Climatological Data for the Year 1930

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	12	54.7	103	July 21	6	Jan. 19*	12	24.00	3.42	Jan.	0.38	Aug.	15.9	94	112	127	126	nw
Annapolis	Anne Arundel	45	65	56.6	105	July 21	8	Feb. 16	57	21.16	3.67	Jan.	0.21	Aug.	19.6	94	149	115	101	nw
Baltimore (U.S.W.B.)		115	60	58.1	104	July 21	9	Feb. 16	60	21.55	3.12	Apr.	0.37	Sept.	19.1	91	137	122	106	nw
Bell	Prince Georges	151	10	54.8	105	July 20	7	Jan. 31	10	17.98	3.14	Jan.	0.33	Aug.	18.4	88	179	103	83	nw
Boyd's	Montgomery	424	11				13	Jan. 19	11						18.2					
Cambridge (near)	Dorchester	25	37	57.1	106	July 21	2	Jan. 31*	37	23.63	3.81	Jan.	0.70	Sept.	20.0	87	192	74	99	s
Cecilton	Cecil	85	12	55.7	104	July 21	2	Jan. 31*	12	24.33	3.64	May	0.71	Aug.	13.5	79	185	86	94	sw
Cheltenham	Prince Georges	230	30	56.6	106	July 20*	2	Jan. 24*	30	22.58	3.78	Jan.	0.72	Oct.	19.5	95	190	90	85	nw
Chesville	Washington	530	33	52.9	104	Aug. 4	17	Jan. 19	33	24.57	5.60	June	0.24	Oct.	23.5	99	159	120	85	nw
Clear Spring	do	600	28	54.1	106	Aug. 4	8	Jan. 20	33	27.53	5.52	June	0.72	July	32.7	95	198	81	86	w
Coleman	Kent	80	31	56.3	100	July 20	7	Feb. 16	33	24.88	3.80	Jan.	1.12	Nov.	15.5	78	197	84	84	nw
College Park	Prince Georges	87	43	56.0	107	July 20	5	Jan. 19*	43	19.90	3.33	Apr.	0.19	Oct.	20.4	93	196	85	84	nw
Crisfield	Somerset	6	11	58.2	100	July 22	5	Feb. 17	11	23.98	3.85	Dec.	0.42	Aug.	18.5	84	153	132	80	nw
Cumberland	Allegany	623	47	54.4	104	Aug. 4	4	Jan. 20	58	18.11	3.47	Dec.	0.03	Oct.	21.6	99	181	102	82	nw
Darlington	Harford	300	40	53.6	105	July 21	10	Jan. 19	39	26.14	3.12	July	0.31	Aug.	15.8	83	156	120	89	nw
Easton	Talbot	35	40	56.2	104	July 21	0	Jan. 31	40	22.04	4.21	Jan.	0.40	Sept.	13.5	101	190	91	84	sw
Elkton	Cecil	28	4	54.6	105	July 21	2	Jan. 24*	4	26.96	3.48	Jan.	1.26	Sept.	9.5	87	201	74	90	w
Emmitsburg	Frederick	720	62	54.9	104	Aug. 5	2	Jan. 20*	61	27.69	5.95	June	0.21	Oct.	23.9	92	175	94	96	w
Fallston	Harford	450	61	54.7	104	July 19*	1	Jan. 19	61	22.08	3.10	Apr.	0.41	Oct.	15.1	97	184	147	84	nw
Ferry Landings	Calvert	110	14	56.1	106	July 20	5	Jan. 31*	14	22.01	3.75	Jan.	0.15	Aug.	20.5	81	169	106	90	nw
Frederick	Frederick	275	56	56.3	108	July 26	6	Jan. 20	56	19.84	3.57	Dec.	0.22	July	19.7	92	181	103	81	sw
Friedensville	Garrett	1,501	12	48.9	97	Aug. 4	10	Feb. 16	12	28.41	4.22	Dec.	0.47	Oct.	68.2	112	148	78	139	nw
Frostburg	Allegany	1,929	26	51.9	101	July 29*	3	Feb. 16	29	22.01	3.93	June	0.10	Oct.	44.0	107	172	97	96	w
Grantsville	Garrett	2,351	37	47.6	96	Aug. 4	11	Nov. 29	37	29.52	5.37	June	0.48	Oct.	69.0	159	110	123	132	nw
Great Falls	Montgomery	200	33	55.3	105	July 20*	8	Jan. 19	41	19.86	3.23	Apr.	0.18	Oct.	26.0	73	166	116	83	nw
Hancock (Tonoloway)	Washington	455	19	52.9	105	July 26*	9	Jan. 20	20	21.93	4.30	June	T.	Oct.	18.7	90	203	85	77	nw
Keadysville	do	400	27	55.5	108	Aug. 4	10	Jan. 20	26	22.29	4.94	June	0.18	July	18.8	87	191	86	88	nw
Laurel	Prince Georges	320	36	55.6	106	July 20	1	Jan. 19	36	19.40	3.79	Apr.	0.23	Oct.	20.4	92	198	81	86	nw
Lutherville	Baltimore	340	4	54.1	105	July 21*	11	Jan. 19	4	24.73	3.77	June	0.34	July	18.3	105	169	103	93	sw
Maryland Line	Baltimore	840	6	53.8	102	Aug. 5	3	Jan. 19	6	27.50	5.69	June	0.65	Oct.	24.8	85	184	91	90	w
Mechanicsville	St. Marys	165	27	55.7	103	July 21	2	Jan. 19	4	26.65	4.66	May	0.34	Aug.	23.3	75	175	99	91	sw
Millington	Kent	27	33	55.7	103	July 21	2	Jan. 31	32	25.99	3.57	Jan.	1.12	Oct.	11.5	91	202	80	83	s
Newburg	Charles	110	5	57.7	103	July 20*	5	Jan. 19*	5	22.41	3.85	May	0.27	Aug.	19.1	91	174	107	84	nw
Oakland	Garrett	2,461	31	47.9	96	Aug. 4	20	Feb. 16	31	29.41	4.61	June	0.61	Oct.	60.0	134	132	110	123	w
Picardy	Allegany	990	4	53.0	104	Aug. 4	2	Jan. 20	4	17.76	4.43	June	T.	Oct.	13.6	75	191	97	77	w
Pleasant Hill	Baltimore	680	3	55.6	105	July 20*	3	Feb. 17	6	24.67	4.03	June	0.38	Oct.	18.5	86	178	96	91	nw
Pocomoke City	Worcester	37	15	55.6	105	July 20*	3	Feb. 17	25	24.69	3.10	May	0.61	Aug.	17.5	84	144	145	76	nw
Princess Anne	Somerset	17	55	55.6	105	July 20*	3	Feb. 17	37	25.17	3.90	May	0.50	Aug.	14.7	88	149	135	81	sw
Public Landing	Worcester	10	15	55.6	105	July 20*	3	Feb. 17	15											
Ridgely	Caroline	57	9	56.7	105	July 21	2	Jan. 31	9	20.32	3.59	Jan.	0.63	Aug.	19.0	84	161	117	87	nw
Rock Hall	Kent	25	16	56.3	104	July 21*	2	Jan. 31	15	21.00	3.79	Jan.	0.26	Sept.	14.5	83	194	90	81	s
Salisbury	Wicomico	23	25	57.9	106	July 21	6	Feb. 17	25	21.67	3.75	Jan.	0.90	Aug.	17.5	95	196	94	75	sw
Sines (Deep River)	Garrett	2,040	3	48.0	96	July 28	8	Nov. 29	3	25.29	3.95	June	0.48	Oct.	63.7	123	122	103	140	nw
Solomons	Calvert	20	39	57.6	103	July 21	9	Feb. 16	39	20.71	3.80	June	0.42	Aug.	20.4	91	115	140	110	nw
State Sanatorium	Frederick	1,460	22	54.3	104	Aug. 4	1	Feb. 16	22	26.62	4.66	June	0.12	Oct.	25.9	101	161	101	100	nw
Stevensville	Queen Annes	12	4	56.9	97	July 19*	9	Feb. 16	4	26.91	3.93	Jan.	0.78	Sept.	13.8	97	155	123	87	w
Takoma	Montgomery	320	32	56.1	103	July 20	4	Feb. 16	32	18.83	2.64	Apr.	0.24	Oct.	22.5	77	145	113	107	nw
Towson	Baltimore	465	37	53.7	106	Aug. 4	2	Nov. 29	37	21.47	3.35	June	0.19	Oct.	30.2	113	169	91	85	nw
Western Port	Allegany	1,000	21	54.7	104	Aug. 5	0	Jan. 20	21	27.16	4.99	June	0.54	Oct.	28.6	107	189	91	85	nw
Westminster	Carroll	770	21	54.7	104	Aug. 5	0	Jan. 19	21	27.16	4.99	June	0.54	Oct.	28.6	107	189	91	85	nw
Woodstock	Baltimore	415	60	54.7	103	July 21*	10	Jan. 19	60	20.07	3.39	June	0.34	Oct.	18.6	88	179	93	93	nw
District of Columbia																				
Washington (U.S.W.B.)		112	60	57.5	106	July 20	6	Jan. 31	60	21.66	3.19	June	0.28	Oct.	18.0	86	145	113	107	nw
Delaware																				
Bridgeville	Sussex	45	7	56.9	105	July 21	0	Feb. 17	7	25.72	3.45	Jan.	0.92	Aug.	19.0	94	182	111	72	sw
Delaware City	New Castle	12	44	55.9	103	July 21	6	Feb. 16	40	24.71	3.07	Jan.	1.10	Aug.	9.0	82	179	87	99	s
Dover	Kent	34	41	56.4	104	July 21	3	Feb. 17	41	30.60	3.81	Jan.	1.17	Oct.	14.6	96	197	84	84	nw
Milford	do	20	38	56.2	105	July 21	3	Feb. 17	48	33.52	6.01	July	1.32	Sept.	16.0	108	158	132	75	nw
Millsboro	Sussex	20	28	56.9	110	July 21	0	Feb. 17	38	24.94	3.40	Jan.	1.42	July	19.2	105	159	123	83	sw
Wilmington	New Castle	86	37	54.8	102	July 21	4	Feb. 16	37	23.87	3.97	Sept.	1.08	Oct.	9.7	94	183	84	98	w
For Maryland and District of Columbia																				
For Delaware																				
For entire section																				

*Also on other dates. †Also in October. ‡Greatest or least monthly average over this entire area.

§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.
Data in italics determined from surrounding stations.

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estimated \$50,000; vegetation good condition and well advanced for season. *May*.—Warm, dry, sunny, but breezy; first warm May since 1922; heat wave first decade; very cool 25th to 31st, damaging frost Allegheny Mountain region; strong thundergust 24th, slight damage. *June*.—Much clear sky; abundant sunshine; low humidity; moderate to heavy rain 9-10th; heavy showers different divisions 17th, 24th, 26th; damage locally by lightning and thundergusts 24th and 26th. *July*.—Average rainfall least of record for July; very pleasant 1st to 17th; hot wave began 18th; most crops and grasses wilted or dried up; damage various districts by heavy hail, lightning, or thundergusts. *August*.—Driest August of record; heat wave ended 10th; cool spell 11-24th; abundant sunshine; few days with rain; crops and grasses mostly wilted or dried up; water supply low; stock fed. *September*.—Second warmest September of record; abundant sunshine; low humidity; crops poor; pastures mostly dry; water supply low; stock fed; thundergust 16th caused slight damage. *October*.—

Second driest October of record; much clear sky; abundant sunshine; low humidity; rainfall of shower type, mostly at night; warm period 7-17th; first general killing frost Allegheny Mountain highlands 1st, Allegany and Washington Counties 2d, central and eastern divisions 19th, except Chesapeake Bay region 21st; sowing grains delayed; pastures poor to dry; water supply low; stock fed. *November*.—Excess cloudiness; frequent rains, but light; much fog; warm period 9-24th; cold wave 27-29th produced lowest temperatures of record so early in winter season; winter grains came up; pastures and grasses revived and greened; water supply low; stock fed. *December*.—Most precipitation close of month; cold periods 2-3d, 15-17th, 23d-25th, 28th-31st; mild period 4-13th; exceptionally cold Christmas morning Allegheny Mountain region; rains 6-7th and 26-27th helpful; monthly snowfall heavy southern portion section; western half of section snow-covered 17th-31st; water supply low; stock fed.—*J. B., jr.*

Monthly and Annual Precipitation for the Year 1930, 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	
Maryland																											
Aberdeen	3.42	+0.64	2.30	-0.74	1.89	-0.86	2.45	-1.88	1.56	-1.10	3.17	-0.62	1.52	-3.50	0.38	-4.39	3.17	-0.08	0.73	-1.66	1.51	-0.94	1.90	-0.57	24.00	-15.20	
Annapolis	3.67	+0.20	1.88	-1.55	1.73	-2.24	1.29	-2.40	1.28	-2.90	2.78	-1.46	3.37	-1.26	0.21	-4.38	0.69	-3.23	0.85	-2.41	1.23	-1.70	2.18	-1.41	21.16	-24.74	
Baltimore (U.S.W.B.)	2.66	-0.84	2.38	-1.01	2.27	-1.44	3.12	-0.22	2.91	-0.63	2.97	-0.91	0.64	-4.00	0.78	-3.59	0.37	-3.00	0.87	-2.82	1.13	-1.43	1.95	-1.42	21.55	-21.01	
Bell	3.14	-0.10	1.70	-1.14	2.29	-0.75	2.96	-1.16	1.32	-2.13	1.69	-1.70	1.17	-2.51	0.38	-3.67	0.35	-2.95	0.38	-2.36	0.94	-1.83	1.71	-0.81	17.98	-21.11	
Boys	2.40	-0.45	1.51	-2.05	1.13	-2.98	1.62	-2.08	2.79	-0.72	2.26	-1.52	2.85	-1.80	1.83	-2.52	0.70	-2.37	1.17	-2.07	1.55	-1.14	2.41	-0.93	23.63	-20.08	
Cambridge (near)	3.81	+0.10	1.70	-0.63	2.05	-1.14	1.61	-2.71	3.64	+0.67	1.70	-2.15	2.46	-3.00	0.71	-4.19	2.06	-1.59	1.01	-1.44	1.01	-1.69	1.78	-0.98	24.33	-18.36	
Cecilton	3.75	+0.06	1.93	-0.87	1.61	-2.29	3.38	-0.51	2.69	-0.74	1.52	-2.98	1.49	-3.08	0.79	-3.53	0.96	-2.31	0.72	-2.05	0.92	-1.60	2.82	-0.64	22.58	-20.44	
Chewsville	1.45	-1.55	1.25	-1.10	3.45	+0.47	2.49	-0.28	1.92	-1.43	5.60	+1.72	0.69	-3.29	0.73	-3.08	2.81	-0.06	0.24	-2.31	0.48	-1.47	3.46	+0.72	24.57	-11.66	
Clear Spring	2.03	-1.24	1.62	-1.13	3.75	+0.27	2.26	-1.00	2.10	-1.73	5.52	+1.46	0.72	-3.27	1.53	-2.69	1.75	-1.14	0.77	-1.93	1.40	-0.72	4.08	+0.80	27.68	-12.32	
Coleman	3.80	+0.35	2.60	-0.47	1.76	-1.88	1.84	-1.69	1.25	-2.13	2.18	-1.47	3.26	-1.36	1.14	-3.37	2.27	-1.14	1.91	-0.90	1.12	-1.40	1.75	-2.01	24.88	-17.47	
College Park	3.24	-0.02	1.80	-1.37	2.03	-1.60	3.33	-0.14	1.95	-1.93	2.27	-1.75	0.71	-3.73	0.71	-3.22	0.91	-2.31	0.19	-2.45	0.77	-1.75	1.99	-1.09	19.90	-21.36	
Crisfield	2.95	-0.24	1.45	-2.62	2.10	-2.50	1.60	-2.36	2.99	+0.02	2.57	-1.01	1.72	-3.07	0.42	-4.26	0.52	-2.34	2.20	-0.24	1.31	-1.45	3.85	+0.29	23.98	-19.78	
Cumberland	0.65	-1.88	0.69	-0.84	1.17	-1.89	2.26	-0.46	1.03	-2.45	3.12	-0.96	0.58	-2.65	1.87	-1.61	1.51	-1.22	0.03	-2.34	0.73	-1.41	3.47	+0.95	18.11	-16.76	
Darlington	2.93	-0.51	2.40	-0.83	2.61	-0.82	2.61	-0.71	1.59	-1.91	3.01	-0.93	3.12	-1.37	0.31	-4.44	2.35	-1.16	0.48	-2.57	2.06	-0.67	2.67	-1.05	22.14	-16.97	
Easton	4.21	+1.12	1.76	-1.35	1.08	-2.58	1.90	-1.39	2.56	-0.73	2.41	-1.37	2.00	-2.51	1.00	-3.15	0.40	-2.60	1.36	-1.76	1.50	-1.10	1.86	-1.23	22.04	-18.65	
Elkton	3.48	.....	2.80	.....	2.33	.....	1.58	.....	2.77	.....	2.67	.....	2.94	.....	2.07	.....	1.26	.....	1.49	.....	1.30	.....	2.27	.....	26.96	.....
Emmitsburg	2.05	-1.28	1.82	-1.33	3.17	-0.98	2.39	-0.97	3.75	-0.46	5.95	+1.71	0.94	-3.13	0.52	-3.46	2.19	-1.42	0.21	-3.28	1.35	-1.90	3.35	+0.14	27.69	-16.31	
Fallston	2.71	-1.03	2.15	-1.47	2.37	-1.64	3.10	-0.44	1.29	-2.55	2.85	-1.19	0.47	-4.14	0.48	-4.40	2.62	-1.42	0.41	-2.97	1.51	-1.66	2.12	-1.51	22.08	-24.42	
Ferry Landing	3.75	+0.29	1.61	-1.17	0.81	-2.79	2.67	-1.44	2.90	-0.84	1.59	-2.01	2.71	-3.62	0.15	-4.82	1.02	-2.47	0.94	-1.94	1.48	-1.46	3.38	-0.46	22.01	-22.73	
Frederick	1.98	-1.22	1.81	-1.14	2.26	-1.06	2.87	-0.48	1.10	-2.70	2.67	-1.69	0.22	-3.80	1.26	-2.39	0.58	-2.67	0.44	-2.14	1.08	-1.40	8.57	+0.46	19.84	-20.23	
Friedensville	1.83	-1.75	3.08	-0.06	2.86	-0.85	2.30	-1.70	2.08	-1.28	4.97	+0.05	0.76	-3.50	2.57	-1.45	1.87	-1.40	0.47	-2.37	1.40	-1.80	4.22	+0.68	28.41	-16.03	
Frostburg	1.30	-2.38	1.68	-1.10	1.57	-2.22	2.79	-0.82	1.20	-2.98	3.93	-1.04	0.99	-3.04	2.27	-1.90	1.87	-1.88	0.10	-2.84	1.41	-1.03	3.60	+0.47	22.01	-20.76	
Graustville	1.95	-1.77	0.68	-0.08	3.07	-0.88	2.86	-0.71	2.09	-1.95	5.37	+0.96	0.71	-3.60	2.78	-1.16	2.16	-0.70	0.48	-2.19	1.43	-1.22	3.57	+0.05	29.62	-13.25	
Great Falls	2.51	-0.65	1.97	-1.09	2.42	-0.89	3.23	+0.20	1.60	-1.90	2.85	-0.92	0.53	-3.62	0.47	-3.28	0.66	-2.62	0.18	-2.34	0.75	-1.46	3.07	+0.09	19.86	-18.66	
Hancock (Tonoloway)	0.90	-1.85	1.19	-0.97	2.34	-0.93	2.92	+0.21	1.69	-1.57	4.30	-0.11	0.21	-3.56	2.25	-0.88	1.65	-1.23	T	-2.63	1.08	-1.04	3.40	+0.63	21.93	-18.93	
Keedysville	1.89	-1.32	1.53	-1.02	3.35	-0.41	2.61	-0.43	0.73	-2.64	9.40	+0.90	0.18	-3.63	0.90	-3.32	1.59	-1.29	0.50	-2.25	0.84	-1.09	3.23	+0.35	22.29	-15.33	
Laurel	2.14	-1.31	2.01	-0.93	2.57	-1.18	3.79	+0.22	1.12	-2.49	3.18	-0.92	0.73	-3.95	0.67	-3.90	0.39	-2.95	0.23	-2.53	0.84	-1.60	1.73	-1.80	19.40	-23.34	
Lutherville	2.59	.....	2.31	.....	3.09	.....	3.64	.....	1.91	.....	3.77	.....	0.34	.....	1.03	.....	1.26	.....	0.80	.....	1.57	.....	2.42	.....	24.73	.....
Maryland Line	2.88	.....	2.35	.....	2.84	.....	3.43	.....	2.14	.....	5.69	.....	0.76	.....	1.03	.....	1.06	.....	0.65	.....	1.68	.....	2.99	.....	27.50	.....
Mechanicsville	4.31	.....	2.68	.....	1.00	.....	2.79	.....	4.66	.....	3.07	.....	0.90	.....	0.34	.....	0.65	.....	1.59	.....	1.40	.....	3.26	.....	26.65	.....
Millington	3.57	-0.02	2.40	-0.85	1.30	-2.74	2.26	-1.36	1.19	-2.04	1.36	-2.43	3.48	-1.22	3.33	-1.01	2.54	-1.04	1.12	-1.79	1.29	-1.28	2.15	-1.62	25.99	-17.40	
Newburg	3.58	.....	1.67	.....	0.89	.....	2.68	.....	3.85	.....	3.06	.....	1.12	.....	0.27	.....	0.87	.....	0.98	.....	0.99	.....	2.45	.....	22.41	.....
Oakland	1.43	-2.86	3.00	-0.32	2.46	-1.35	2.81	-1.18	2.85	-1.62	4.61	-0.07	1.91	-2.78	2.37	-1.79	1.67	-1.48	0.61	-2.63	1.34	-1.34	4.35	+0.66	29.41	-16.86	
Picardy	0.56	.....	1.15	.....	1.70	.....	1.86	.....	1.05	.....	4.43	.....	0.26	.....	1.49	.....	0.99	.....	T	.....	0.80	.....	3.47	.....	17.76	.....
Pleasant Hill	2.34	.....	2.82	.....	3.39	.....	3.58	.....	1.90	.....	4.03	.....	0.59	.....	0.45	.....	1.38	.....	0.88	.....	1.15	.....	2.75	.....	24.67	.....
Pocomoke City	2.94	-0.09	1.97	-1.50	2.04	-1.52	1.43	-1.77	3.10	+0.28	2.83	-0.84	2.75	-0.99	0.61	-3.69	1.26	-1.74	1.85	-1.25	1.45	-0.96	2.46	-0.91	24.69	-14.98	
Princess Anne	2.87	-0.35	1.14	-2.30	2.15	-1.75	2.00	-1.42	3.90	+0.71	2.38	-1.37	2.57	-1.76	0.50	-4.61	2.16	-0.61	2.06	-1.14	1.40	-1.02	2.04	-1.19	25.17	-16.81	
Public Landing	3.27	-0.35	2.33	-0.77	1.77	-2.18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.29	-0.43	.....	.....	.....	.....	.....	.....
Ridgely	3.59	+0.48	1.86	-1.17	1.09	-2.49	1.77	-1.54	1.59	-1.98	2.17	-1.66	1.82	-2.69	0.63	-3.83	1.01	-2.06	1.40	-1.61	1.50	-1.08	1.89	-1.25	20.32	-20.88	
Rock Hall	3.79	+0.38	2.27	-0.97	1.72	-1.82	2.24	-1.09	1.30	-1.90	2.48	-0.96	2.56	-2.20	0.55	-3.95	0.26	-3.63	0.87	-1.16	0.75	-2.09	2.23	-0.78	21.00	-20.17	
Salisbury	3.75	+0.11	1.48	-1.60	1.64	-2.48	1.63	-1.78	2.62	-0.81	2.49	-1.26	1.00	-2.86	0.90	-4.48	0.99	-2.19	1.72	-1.51	1.64	-1.17	1.81	-1.67	21.67	-21.70	
Sines (Deep Creek)	1.51	.....	3.15	.....	2.54	.....	3.10	.....	1.84	.....	3.95	.....	1.09	.....	2.06	.....	1.35	.....	0.48	.....	1.02	.....	3.20	.....	25.29	.....
Solomons	3.03	+0.14	1.39	-1.57	0.65	-2.65	1.64	-1.28	3.33	+0.32	3.80	+0.56	1.59	-2.68	0.42	-3.35	0.95	-1.70	1.42	-1.17	0.76	-1.24	1.73	-0.97	20.71	-15.59	
State Sanatorium	2.17	-1.43	2.37	-0.47	4.46	+1.12	2.64	-0.85	1.17	-2.81	4.66	-0.03	1.86	-2.24	0.66	-3.93	2.32	-1.69	0.12	-2.48	0.99	-1.89	3.21	+0.08	26.62	-16.02	
Stevensville	3.93	.....	3.																							

Monthly and Annual Mean Temperatures for the Year 1930, 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	32.8	+1.8	37.6	+3.8	42.0	-1.0	49.2	-2.2	64.8	+4.2	73.2	+2.6	77.4	+2.6	75.4	+2.9	71.8	+4.2	54.5	-1.6	44.0	-0.9	33.2	-1.6	54.7	+1.3
Annapolis	35.2	+0.9	40.0	+5.2	44.0	+0.6	51.4	-2.1	66.4	+2.2	73.2	-0.3	78.8	+1.1	75.8	-0.4	74.9	+5.2	56.8	-1.3	46.2	-0.6	36.0	-1.1	56.6	+0.8
Baltimore (U. S. W. B.)	36.2	+2.4	42.0	+8.6	45.2	+2.9	52.6	-1.0	68.4	+4.0	76.2	+3.5	80.6	+3.4	77.6	+2.1	76.2	+7.7	57.6	-0.6	47.5	+1.2	37.0	-0.2	58.1	+2.7
Bell	33.5	+1.1	39.4	+3.6	42.4	-2.1	50.3	-2.3	65.4	+3.6	72.7	+1.3	78.4	+2.9	74.1	+1.5	73.8	+5.2	52.6	-2.1	43.2	-1.6	32.4	-2.9	54.8	+0.6
Boysds	33.3	+0.2																								
Cambridge. (near)	37.8	+2.3	41.7	+6.3	45.4	+3.0	52.0	-3.0	66.6	+1.1	73.5	-0.2	78.5	+0.4	74.6	-1.7	75.1	+4.6	56.6	-2.6	47.6	+0.2	36.0	-1.9	57.1	+0.5
Cecilton	38.9	+1.1	38.6	+3.1	43.1	-1.9	50.4	-2.5	65.2	+3.8	74.4	+2.7	78.0	+2.3	74.4	+0.3	74.0	+5.4	55.8	-1.7	45.7	+0.6	35.1	-1.1	55.7	+0.9
Cheltenham	36.2	+1.9	41.8	+7.2	44.8	-0.3	52.8	-1.4	66.5	+3.0	73.4	+2.2	79.0	+3.4	75.2	-1.7	74.4	+6.2	55.1	-2.1	46.0	+0.6	34.4	-1.3	56.6	+1.7
Chewsville	30.4	-0.1	37.6	+7.3	40.9	-0.5	49.2	-1.7	62.4	+1.5	70.3	+0.8	75.6	+1.5	72.7	+0.7	71.2	+5.1	51.7	-3.0	42.8	+0.2	30.4	-2.2	52.9	+0.8
Clear Spring	31.1	+1.3	38.2	+9.7	41.7	+1.6	49.8	-0.6	64.1	+8.0	72.2	+3.7	77.0	+3.5	74.4	+2.8	71.7	+5.9	53.7	-0.2	44.2	+1.8	30.6	-1.2	54.1	+2.6
Coleman	34.6	+1.8	39.6	+6.4	44.3	+0.4	51.1	-2.3	66.4	+2.8	74.6	+2.7	77.7	+1.0	74.9	+0.5	74.3	+5.1	56.7	-1.6	46.1	-0.1	35.2	-0.7	56.3	+1.3
College Park	35.0	+1.7	40.1	+5.9	44.0	+0.3	51.6	-1.5	65.4	+2.8	73.0	+1.7	78.8	+1.7	75.9	+0.7	76.4	+5.4	58.1	-1.5	44.9	+0.5	34.6	-1.4	56.0	+1.7
Crisfield	39.0	+1.8	43.0	+3.1	45.0	-2.4	53.0	-2.1	67.8	+4.3	74.8	+1.8	78.5	+1.7	75.9	+0.7	76.4	+5.4	58.1	-1.5	44.9	+0.5	34.6	-1.4	56.0	+1.7
Cumberland	32.6	+1.7	39.6	+6.7	41.2	+1.2	53.0	+0.9	65.2	+2.5	71.6	+1.0	75.1	+1.1	73.0	+1.0	71.8	+6.4	52.8	-1.4	44.2	+1.8	32.4	-1.6	54.4	+1.8
Darlington	30.8	0.0	35.9	+5.1	41.5	+0.1	48.0	-3.8	64.2	+2.2	71.6	+1.5	76.6	+2.1	73.2	+0.8	72.0	+5.5	53.7	-1.5	43.4	-0.2	32.4	-1.3	53.6	+0.9
Easton	35.0	+1.4	40.2	+5.6	43.8	-0.5	50.0	-3.6	65.4	+1.9	73.2	+1.8	77.0	+0.9	75.2	+1.0	75.0	+6.4	55.9	-1.9	47.0	+0.7	35.4	-1.6	56.2	+1.0
Elkton	32.6	+1.3	38.8	+6.9	41.8	+1.4	50.4	-1.5	64.7	+2.8	73.1	+3.0	78.9	+3.7	75.5	+3.0	72.6	+6.6	54.6	-0.4	44.1	+1.1	32.3	-1.0	54.9	+2.2
Emmitsburg	32.0	+1.4	38.2	+6.5	42.4	+2.5	48.9	-1.9	64.2	+2.9	72.6	+3.0	77.3	+3.8	73.6	+1.6	74.2	+8.2	54.6	-0.5	44.3	+0.9	33.4	-0.5	54.7	+2.3
Fallston	35.7	+1.9	41.2	+4.2	43.8	-2.6	51.4	-2.5	66.0	+3.1	73.1	+0.8	77.8	+2.3	75.0	+1.3	74.3	+5.7	54.9	-3.2	45.6	-0.9	34.4	-3.0	56.1	+0.6
Ferry Landing	32.8	+0.7	39.7	+6.8	44.2	+1.9	51.6	-1.3	66.5	+3.0	73.6	+1.6	78.4	+1.7	76.6	+2.7	75.4	+8.0	55.4	-0.3	45.8	+1.8	33.8	-0.9	56.3	+2.3
Frederick	30.8	+1.7	35.7	+8.7	35.2	-4.5	47.3	-0.7	57.6	+1.2	64.3	+0.8	68.6	-0.2	66.6	-0.1	65.9	+3.1	47.4	-4.5	39.7	-1.0	27.6	-5.1	48.9	-0.6
Friestown	32.0	+2.3	38.3	+8.4	38.3	-1.0	48.8	-1.4	62.4	+2.6	68.9	+0.9	73.8	+2.2	70.9	+0.9	69.4	+4.7	50.9	-3.4	41.2	-0.6	28.4	-3.4	51.9	+1.0
Grantsville	29.0	+2.0	34.6	+8.2	34.7	-2.1	46.3	+0.1	57.4	+0.8	63.2	-0.7	67.6	-0.3	64.7	-1.7	63.9	+2.7	45.9	-4.2	38.1	-0.8	26.1	-3.3	47.6	0.0
Great Falls	33.4	+0.8	39.2	+6.7	43.2	-0.4	52.2	-2.1	65.5	+2.1	72.8	+1.6	77.9	+2.3	74.9	+1.5	73.5	+5.9	59.4	-2.8	44.0	+0.1	33.0	-1.1	55.3	+1.3
Hancock. (Tonoloway)	31.6	+2.0	39.4	+8.0	41.0	-1.3	50.3	-2.3	62.4	+0.4	69.8	+1.8	75.1	+3.2	71.2	+1.9	69.9	+2.1	51.6	-2.8	42.8	-0.5	30.1	-3.1	52.9	-0.1
Keedysville	32.6	+0.9	39.2	+6.9	43.2	-0.4	50.3	-2.3	65.5	+2.6	73.0	+1.6	79.1	+3.6	75.4	+2.0	74.2	+6.6	53.5	-2.4	45.4	+1.7	32.8	-0.9	55.5	+1.8
Laurel	34.2	+1.8	40.2	+7.6	42.8	-0.3	51.0	-1.8	65.0	+2.1	72.6	+1.7	78.3	+3.1	75.1	+1.8	73.9	+6.3	55.3	-0.4	45.0	+0.6	34.0	-1.8	55.6	+1.8
Lutherville	31.6	+1.3	37.6	+3.8	42.2	-0.2	49.0	-3.6	65.4	+1.9	73.2	+1.8	77.0	+0.9	75.2	+1.0	75.0	+6.4	55.9	-1.9	47.0	+0.7	35.4	-1.6	56.2	+1.0
Maryland Line	31.2	+1.1	37.1	+3.0	41.1	-1.1	49.1	-3.6	65.0	+2.1	72.6	+1.7	78.1	+3.1	75.1	+1.8	73.9	+6.3	55.3	-0.4	45.0	+0.6	34.0	-1.8	55.6	+1.8
Millington	35.2	+1.5	39.2	+5.9	43.8	-0.2	51.0	-2.5	65.5	+2.3	73.8	+2.5	77.3	+1.2	73.6	-0.3	73.6	+5.2	54.8	-2.5	46.2	+1.0	34.8	-1.0	56.7	+1.1
Newburg	37.7	+2.0	43.0	+8.6	45.6	+0.1	53.6	-1.5	67.5	+4.5	74.5	+2.0	78.8	+2.0	75.6	+0.6	75.4	+6.1	56.1	-2.4	46.6	+0.9	35.4	-0.6	55.9	+1.4
Oakland	30.5	+2.5	35.0	+7.6	34.8	-2.1	47.0	+0.8	57.4	+1.9	62.8	-0.9	68.2	+1.5	65.0	-0.5	64.8	+4.1	45.5	-3.8	37.4	-0.5	26.1	-3.4	47.9	+0.6
Picardy	32.2	+1.0	38.9	+6.9	39.9	-0.5	50.2	-2.8	65.0	+2.1	72.8	+1.6	77.9	+2.3	74.9	+1.5	73.5	+5.9	59.4	-2.8	48.0	+0.1	33.0	-1.1	55.3	+1.3
Princess Anne	38.0	+1.1	40.8	+3.9	42.7	-3.0	50.5	-3.9	64.6	+1.7	71.8	+0.6	76.2	+0.2	72.7	-1.7	74.4	+5.6	53.6	-4.2	46.8	-0.5	35.4	-3.5	55.6	-0.3
Public Landing	38.0	+1.8	41.2	+4.5	42.2	-2.8	50.5	-3.9	64.6	+1.7	71.8	+0.6	76.2	+0.2	72.7	-1.7	74.4	+5.6	53.6	-4.2	46.8	-0.5	35.4	-3.5	55.6	-0.3
Ridgely	36.2	+1.9	40.2	+6.1	44.1	+0.2	51.0	-2.2	66.3	+3.0	74.8	+3.1	78.9	+2.8	75.7	+1.6	75.2	+6.6	56.2	-1.0	47.0	+1.2	35.2	-1.0	56.7	+1.8
Rock Hall	34.7	+1.4	38.7	+5.2	44.0	-1.0	50.8	-2.3	65.6	+4.5	74.8	+1.6	78.8	+2.0	75.6	+0.6	75.4	+6.1	56.1	-2.4	46.6	+0.9	34.6	-1.3	56.3	+1.8
Salisbury	39.8	+2.9	43.8	+6.6	44.7	-0.9	52.2	-2.4	67.0	+3.2	74.4	+2.2	79.3	+2.7	75.8	+1.0	76.0	+6.9	56.3	-2.2	48.8	+2.0	37.0	-1.4	57.9	+1.7
Sines (Deep Creek)	29.4	+2.0	34.4	+8.4	35.2	-4.6	46.8	-1.6	57.7	+1.2	64.4	+2.2	69.0	+1.5	65.0	-0.5	63.4	+5.8	45.8	-3.8	38.0	-1.0	27.0	-5.0	48.0	-0.6
Solomons	31.6	+2.0	39.4	+8.0	41.0	-1.3	50.3	-2.3	62.4	+0.4	69.8	+1.8	75.1	+3.2	71.2	+1.9	69.9	+2.1	51.6	-2.8	42.8	-0.5	30.1	-3.1	52.9	-0.1
State Sanatorium	37.8	+1.9	42.8	+7.6	45.0	+0.4	52.6	-1.6	67.4	+2.4	73.8	+3.0	79.2	+1.1	76.1	-0.9	75.8	+4.3	57.3	-3.0	47.2	-1.4	37.4	-1.3	57.6	+0.7
Stevensville	31.2	+1.1	37.1	+3.0	41.1	-1.1	49.1	-3.6	65.0	+2.1	72.6	+1.7	78.1	+3.1	75.1	+1.8	73.9	+6.3	55.3	-0.4	45.0	+0.6	34.0	-1.8	55.6	+1.8
Takoma	35.8	+2.0	40.8	+5.6	44.0	-0.5	52.4	-1.1	64.3	+3.3	71.7	+2.0	76.9	+3.6	74.7	+3.7	72.0	+6.7	54.4	-0.9	43.8	+0.9	31.2	-0.8	54.3	+2.4
Western Port	34.2	+1.9	40.6	+8.4	43.6	+0.5	52.4	-0.6	66.1	+3.4	73.2	+2.9	78.6	+3.7	75.0	+2.2	74.4	+7.4	55.2	-0.9	45.8	+0.8	34.8	-0.1	56.1	+2.5
Westminster	33.9	+3.2	40.7	+7.8	41.5	-0.4	52.7	+0.9	64.0	+2.1	69.4	+0.1	74.8	+1.4	71.6	-0.2	70.2	+3.7	52.2	-2.6	42.7	-0.1	31.2	-2.0	53.7	+1.2
Woodstock	32.5	+1.6	39.0	+7.6	42.2	+0.4	49.8	-2.9	64.8	+1.7	72.0	+0.6	77.6	+2.4	74.6	+1.5	73.0	+5.0	54.2	-1.6	44.6	+0.0	32.6	-1.0	54.7	+1.2
District of Columbia	32.8	+0.9	38.4	+5.4	43.0	+1.6	50.6	-1.8	64.8	+1.7	71.8	+0.8	77.1	+1.9	75.3	+2.7	72.8	+6.7	53.2	-1.7	43.6	+0.4	33.0	-1.3	54.7	+1.4
Washington (U. S. W. B.)	35.6	+2.2	41.9	+6.6	45.0	+2.4	53.2	-0.1	67.3	+3.6																