

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

In Cooperation with Maryland State Weather Service

CLIMATOLOGICAL DATA

15 MARYLAND AND DELAWARE SECTION

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VOL. XLI BALTIMORE, MD., OCTOBER 1936 No. 10

GENERAL SUMMARY

This was the first mild October since 1931. Average rainfall was above normal for the first time in October since 1932.

Warm days were 7-10th, 15-17th, and 20th-22d. Cool periods were 1st-5th, 13th, 18th, 25-26th, and 29th-31st. The cold weather of the 27-28th produced the lowest temperatures of record for October in north-central and southern Maryland and the northern third of the Eastern Shore.

Monthly rainfall was well above normal over the western half of the northern portion of the section and mostly below normal, except somewhat above normal in some districts, over the remainder of the section. Southern Maryland was the area of least monthly rainfall.

Snow flurries occurred in the Allegheny Mountain Region and at Chestertown and Edgewood on the 30th.

Monthly sunshine was normal. Periods of mostly clear sky were 2d-5th, 12-13th, 19th-22d, and 27-29th, and of much cloudiness were 7-11th, 15-17th, and 23d-24th.

Growing crops, other than grains, and pastures were fair to good. In the first decade: early sown grains came up in western Maryland; cutting and shocking early corn ended in the northern counties; and harvesting sugar corn, picking early tree fruits, and haying ended. During the second and third decades grains were good to excellent in western Maryland, and early sown grains in the central and eastern divisions came up to good stands. Late corn was cut and shocked in the southern counties during the first decade and in the northern counties during the second decade. During the third decade: harvesting tomatoes ended; digging late potatoes ended in western Maryland; threshing buckwheat ended in the Allegheny Mountain region; threshing buckwheat began on the Eastern Shore; and digging late potatoes became general in the central and eastern divisions. Harvesting beans, truck, spinach, gardens, and late tree fruits, and stripping tobacco, filling silos, plowing, husking corn, threshing soybeans, and digging sweet potatoes were in progress. — J. B., jr.

TEMPERATURE

The monthly mean for the section, 57.7°, is 1.6° above normal. The highest monthly mean was 63.6° at Crisfield; the lowest, 49.2°, at Sines. The highest temperature, 85°, occurred at Cumberland on the 20th; the lowest, 16°, at Grantsville and Hancock on the 28th. The greatest local monthly range was 67° at Hancock; the least, 40°, at Crisfield. The greatest daily range was 49° at Hancock on the 20th.

PRECIPITATION

The monthly average for the section, 3.24 inches, is 0.22 inch above normal. The greatest monthly amount was 6.02 inches at Emmitsburg; the least, 0.81 inch, at Solomons. The greatest 24-hour amount was 3.63 inches at Frostburg on

the 16-17th. The monthly average snowfall for the section, a trace, is 0.1 inch below normal. The average number of days with 0.01 inch or more of precipitation, 8, is 1 above normal.

MISCELLANEOUS PHENOMENA (WITH DATES)

Aurora,—Grantsville, 20. *Coronas, lunar*,—24, 25, 28, 31. *Meteor*,—Night 21.
Halos, lunar,—8, 24. *Halos, solar*,—5. *Rainbow*,—Solomons, 17.
Fogs, light,—1 to 11, 14 to 17, 19 to 26, 28, 29. *Fogs, dense*,—5, 8 to 11, 14, 16, 20 to 25.
Frosts, killing, first general of season,—Allegheny Mountain region, 25; remainder of section, except extreme southern Chesapeake Bay region, 27.
Tides, high,—Lower Chesapeake Bay, 1; Chesapeake Bay, night 16-17.
Thunderstorms (not general),—7, 10, 11, 12, 17, 28.
Winds, high,—Southeast (eastern and central divisions), night 16-17; southwest, 10; northwest, 12, 17, 18, 26, 30.

PRESSURE, HUMIDITY, SUNSHINE, WIND, DEGREE DAYS

Stations	Atmospheric pressure reduced to sea level				Wind			Mean relative humidity		Percentage of sunshine	Heating degree days (base 65°)
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	8 a. m.	Local n n	8 p. m.	
Aberdeen, Md.	30.53	14	29.33	17	9.2	34	nw.	30	83	78	234
Annapolis, Md.	30.50	14	29.29	17	8.3	...	...	80	61	76	180
Baltimore, Md.	30.51	14	29.32	17	9.9	38	se.	17	76	55	77
Elkins, W. Va.	30.52	14	29.47	17	5.5	22	sw.	26	89	62	71
Harrisburg, Pa.	30.54	14	29.29	17	7.0	28	nw.	30	79	59	67
Norfolk, Va.	30.46	14	29.43	17	9.4	28	se.	16	81	60	76
Philadelphia, Pa.	30.54	14	29.26	17	11.8	34	nw.	26	79	59	67
Pittsburgh, Pa.	30.44	14	29.39	17	10.0	34	nw.	30	84	61	70
Washington, D. C.	30.49	14	29.30	17	6.4	26	nw.	30	81	55	68

COMPARATIVE DATA FOR OCTOBER

Year	FOR MARYLAND					FOR DELAWARE				
	Temperature			Precipitation		Temperature			Precipitation	
	Mean	Highest	Lowest	Average	Average snowfall with .01 in. or more	Mean	Highest	Lowest	Average	Average snowfall with .01 in. or more
1895.....	50.7	82	4	1.93	T.	5	51.9	80	27	2.85
1896.....	52.4	85	16	1.44	T.	4	54.0	84	28	3.16
1897.....	56.6	91	20	2.94	0.0	8	57.8	90	30	5.90
1898.....	56.8	89	17	4.87	T.	10	58.8	88	31	4.18
1899.....	57.1	88	15	2.60	0.0	5	58.3	83	29	3.61
1900.....	60.6	91	21	2.03	0.0	6	60.8	85	31	3.09
1901.....	54.8	92	16	1.14	T.	4	55.8	82	30	1.59
1902.....	57.2	89	17	5.72	T.	7	57.8	84	27	4.89
1903.....	56.5	89	20	4.06	T.	7	57.6	86	31	6.23
1904.....	53.6	91	14	2.60	T.	3	63.8	90	26	2.78
1905.....	56.5	93	20	2.80	T.	6	57.8	89	31	2.06
1906.....	55.3	82	12	5.17	0.1	14	57.3	81	28	4.47
1907.....	51.1	83	15	2.34	T.	6	52.1	82	27	2.92
1908.....	57.3	90	15	2.34	0.0	6	59.2	88	33	1.81
1909.....	51.5	86	19	1.79	T.	6	53.2	82	25	1.22
1910.....	58.8	92	15	3.21	0.1	7	59.8	83	27	5.39
1911.....	56.2	85	23	3.47	T.	10	57.3	88	33	2.38
1912.....	57.9	93	18	1.54	T.	4	60.0	96	33	2.02
1913.....	57.9	92	13	4.55	0.1	11	59.5	80	30	4.67
1914.....	59.1	93	19	1.73	T.	6	60.6	87	26	1.77
1915.....	57.7	88	19	3.85	T.	9	59.4	87	30	4.08
1916.....	55.4	91	19	1.95	T.	5	57.0	89	29	1.53
1917.....	50.7	87	18	5.66	1.1	10	52.4	83	21	6.99
1918.....	59.6	89	21	1.43	0.0	6	59.4	85	29	0.89
1919.....	62.3	96	27	3.31	0.0	11	63.3	93	35	2.72
1920.....	60.2	91	25	0.84	0.1	3	61.0	86	34	1.07
1921.....	55.7	85	20	1.09	T.	5	56.8	82	31	1.00
1922.....	58.3	94	15	1.93	0.0	6	59.3	89	28	1.41
1923.....	54.8	90	18	2.39	T.	6	56.0	82	30	3.58
1924.....	55.9	88	15	0.40	0.0	12	56.8	84	30	0.89
1925.....	50.9	85	16	5.49	3.4	15	53.0	87	25	4.58
1926.....	55.8	94	21	3.49	0.1	10	56.8	91	26	2.46
1927.....	56.6	98	24	6.00	0.6	9	59.3	94	36	4.85
1928.....	57.7	90	13	1.02	T.	5	58.6	88	25	1.13
1929.....	53.4	85	23	5.58	0.1	9	55.0	80	28	4.33
1930.....	53.9	89	7	0.74	0.1	5	54.9	86	23	1.45
1931.....	59.1	91	22	1.69	T.	6	60.8	90	33	2.61
1932.....	56.5	88	22	6.35	0.1	9	58.6	85	30	6.70
1933.....	54.7	91	16	2.03	T.	6	56.8	85	26	1.27
1934.....	54.6	85	15	1.25	0.1	4	55.2	79	28	2.08
1935.....	56.0	88	17	2.75	0.1	8	57.2	84	30	2.92
1936.....	57.6	85	16	3.24	T.	8	58.8	83	23	3.27
Period.....	56.0	98	4	3.02	0.1	7	57.2	96	21	3.05

Climatological Data for October 1936

STATIONS	COUNTIES	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches				Number of days				Prevailing direction of wind	OBSERVERS	
				Mean	Departure from the normal	Highest	Date	Lowest	Range	Total	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	With precipitation, 0.01 in. or more	Clear	Partly cloudy	Cloudy			
Maryland																				
Aberdeen	Harford	26	18	58.0	+2.0	78	22	24	28	30	2.02	-0.66	0.78	0.0	9	12	5	14	n.	U. S. Army
Annapolis	Anne Arundel	45	71	60.2	+2.1	78	78	34	27	26	2.04	-1.10	1.16	0.0	5	12	11	8	nw.	U. S. Navy
Baltimore*	Prince Georges	14	66	60.0	+1.8	81	22	30	28	29	1.73	-1.16	0.89	0.0	9	14	5	12	sw.	U. S. Weather Bureau
Beilitt	Montgomery	151	16	58.0	+3.1	83	8	19	28	38	2.46	-0.54	1.03	0.0	6	14	8	9	sw.	Bureau Plant Industry
Boysds.	Dorchester	375	17	56.9	+1.3	80	77	19	28	37	4.22	+1.45	1.77	0.0	7	14	8	8	nw.	Ralph F. Staley
Cambridge (near)	Cecil	13	43	61.0	+1.9	81	78	26	28	33	2.12	-1.19	1.27	0.0	4	16	7	8	nw.	Matt Harding
Cecilton	St. Marys	167	15								1.54	-1.36	0.65	0.0	6	16	7	8		Harry D. Boulden
Charlotte Hall	Prince Georges	230	36	58.0	+0.7	83	8	20	28	38	2.88	+0.07	1.32	T.	5	14	9	10	nw.	Prof. B. F. Crowson
Cheltenham	Kent	35	31								2.98	+0.10	1.10	0.0	12	14	10	7	se.	U. S. Magnetic Obs'y.
Chestertown	Washington	630	39	54.0	-0.5	77	7	22	27	33	2.98	+0.10	1.10	0.0	12	14	10	7	se.	Thomas W. Eliason, Jr.
Chewsville	do.	560	39																D. Paul Oswald	
Clear Spring	Kent	80	39	59.4	+1.2	81	22	27	28	30	2.54	-0.24	1.24	0.0	7	14	9	8	sw.	Mrs. Anna Bevan Cohill
Coleman†	Prince Georges	160	49	58.8	+2.6	84	8	20	28	38	3.01	+0.31	1.18	0.0	8	13	9	9	sw.	Walter B. Harris
Conowingo Dam	Harford	40	1	55.8		76	77	20	28	32	3.58		1.38	0.0	11	13	9	9	se.	Prof. Thos. H. White
Croftfield	Somerset	5	17	63.6	+3.1	80	76	40	27	29	4.04	+1.03	3.55	0.0	6	16	9	6	se.	Susquehanna Electric Co.
Cummersland	Allegany	623	64	56.4	+2.0	85	20	23	28	46	3.94	+1.40	2.00	0.0	10	14	8	8	se.	A. B. Cochran
Darlington	Harford	360	46	54.8	-0.2	77	720	20	27	35	3.64	+0.40	1.30	0.0	7	14	8	9	se.	Paul J. Stead
Dundalk	Baltimore	12	2	58.7		79	77	26	28	29	1.65		0.87	0.0	8	12	9	10	se.	Fred. C. Jones
Easton	Talbot	35	46	59.2	+1.5	81	8	26	28	30	4.72	+1.44	3.58	0.0	6	15	9	7	nw.	U. S. Airway Station
Edgewood	Harford	29	1	56.0		78	22	20	28	33	0.94		0.49	T.	7				n.	Clement E. Bray
Elkton	Cecil	28	10	56.7	+0.9	81	22	18	28	38	3.28	+0.21	1.33	0.0	6	14	8	9	w.	U. S. Army
Emmitsburg	Frederick	720	68	56.6	+1.5	80	22	25	28	31	6.02	+2.56	2.72	0.0	8	15	8	8	sw.	H. W. Bouchelle
Fallston††	Harford	450	67	57.6	+2.4	79	22	23	28	28	2.98	-0.44	1.09	0.0	7	12	10	9	sw.	Mt. St. Mary's College
Ferry Landing††	Calvert	120	20	60.6	+2.8	82	8	24	28	31	2.33	-0.66	1.49	0.0	7	16	6	9	ue.	Miss Dora Curtis
Frederick	Frederick	325	62	57.6	+1.7	81	10	22	28	33	5.23	+2.20	2.06	0.0	9	15	8	8	sw.	Thos. J. Bourne
Friensville	Garrett	1,980	18	53.0	+1.5	77	20	20	28	41	4.38	+1.42	2.40	T.	10	13	7	11	sw.	August T. Brust
Frostburg	Allegany	1,950	35	53.4	-0.7	80	20	21	28	45	5.45	+1.29	3.63	T.	12	14	9	8	w.	Joab J. Friend
Gaithersville	Garrett	2,320	43	50.5	+0.5	77	76	16	28	40	4.11	+1.17	1.96	T.	12	14	9	7	sw.	Thos. F. Lewis
Great Falls††	Montgomery	200	47	58.4	+2.3	82	8	23	28	36	3.60	+0.73	1.35	0.0	6	13	9	9	sw.	Floyd J. Miller
Hancock (Bonomoloway)	Washington	550	26	55.0	+0.8	83	20	16	28	49	4.25	+1.09	3.00	0.0	10	15	8	8	sw.	Chas. E. Sullivan
Hancock (City)	do.	540	12								5.82	+2.66	3.32	0.0	12					American Fruit Growers
Huntingtown	Calvert	160	1								1.14		0.45	0.0	6	16	7	8	nw.	Marvin K. Murray
Keedysville	Washington	420	32	58.3	+2.5	81	77	24	28	38	4.40	+1.01	2.11	0.0	10	14	10	7	sw.	Elmer O. Bowen
La Plata	Charles	190	22	59.5	+2.0	83	8	23	28	31	2.19	-0.35	0.98	0.0	6	13	8	10	sw.	J. A. Miller
Laurel	Prince Georges	300	42	58.2	+2.3	82	8	24	28	31	2.73	-0.20	0.81	0.0	10	15	7	9	sw.	Walter M. Page
Lutherville	Baltimore	340	10	56.4	+1.1	80	77	19	28	43	3.00	-0.39	1.00	0.0	5	14	7	10	sw.	Evan G. Chaney
Maryland Line	do.	840	12	56.6	+1.8	79	20	25	31	34	3.57	+0.55	1.13	0.0	7	14	7	10	sw.	Clarence J. Thomson, Jr.
Millington	Kent	27	39	58.4	+1.2	80	8	22	28	32	2.62	-0.41	1.20	0.0	6	15	9	7	nw.	Chester L. Fulton
Mt. Savage Summit††	Garrett	2,852	4																nw.	Henry L. Hignam
Oakland	do.	2,420	37	51.2	+1.8	79	20	19	28	48	4.40	+1.10	2.33	T.	12	13	7	11	w.	U. S. Airway Station
Parkton§§	Baltimore	780	6	56.5		79	22	23	28	30	3.55		1.35	0.0	6				w.	C. W. Weber
Perryville	Cecil	40	1								3.45		1.92	0.0	7				sw.	R. E. Hendrix
Picardy	Allegany	1,080	10	55.5	+0.8	79	77	20	28	37	4.60	+1.51	3.54	0.0	9	14	9	8	w.	J. H. Tullis
Pleasant Hill††	Baltimore	660	12								3.09	-0.24	1.00	0.0	7	14	7	10	se.	American Fruit Growers
Princess Anne	Somerset	17	61	60.2	+2.6	84	22	26	31	35	2.68	-0.42	2.26	0.0	5	12	12	7	sw.	J. E. Henry
Ridgely	Caroline	57	46	59.8	+2.6	84	8	24	28	35	2.24	-0.74	1.01	0.0	6	15	9	7	sw.	James R. Stewart
Rock Hall	Kent	20	22	59.5	+1.2	82	8	22	28	33	2.37	-0.57	1.32	0.0	7	14	10	7	sw.	Albert White
Salisbury	Wicomico	25	31	61.1	+2.4	83	22	30	31	32	2.77	-0.43	1.81	0.0	5	15	9	7	sw.	Charles Juefend
Sines (Deep Creek)††	Garrett	2,030	11	49.2		76	20	18	31	46	3.80	+0.32	1.95	T.	11	13	7	11	sw.	Homestead Dairy Farms
Snow Hill	Worcester	20	21	59.6	+1.3	81	7	25	31	34	3.90	+0.36	3.20	0.0	4	15	8	7	nw.	C. E. MacMurray
Solomons	Calvert	20	45	63.5	+3.2	82	77	34	28	30	0.81	-1.58	0.42	0.0	6	16	6	9	se.	Richard Leake
State Sanatorium	Frederick	1,460	28	56.1	+0.9	78	720	24	27	24	5.62	+2.10	2.91	0.0	8	14	9	8	sw.	Chesapeake Biological L'b.
Stevensville	Queen Annes	12	10	60.6	+1.5	76	77	25	28	30	2.19	-0.79	1.20	0.0	5	12	11	8	w.	Dr. V. F. Cullen
Takoma	Montgomery	320	38	60.1	+3.8	82	78	24	28	31	2.45	-0.18	0.92	0.0	8	13	9	9	sw.	T. R. Price
Towson	Baltimore	475	25								2.56	-0.56	1.02	0.0	6				sw.	Guy L. Seaman
Western Port	Allegany	1,000	43	56.8	+1.8	84	20	22	28	46	4.63	+2.09	3.40	0.0	12				sw.	Charles E. Prince
Westminster	Carroll	770	27	56.8	+1.2	80	22	20	28	34	4.46	+1.55	1.60	0.0	8	15	7	9	sw.	Norris Bruce
Woodstock	Baltimore	415	67	56.8	+1.9	81	8	18	28	41	2.89	+0.02	1.17	0.0	10	14	7	10	se.	Harry J. Mathias
Dist. of Columbia																				
Washington**	do.	72	66	59.7	+2.3	83	8	27	28	28	1.70	-1.14	1.00	0.0	7	12	7	12	nw.	Woodstock College
Delaware																				
Bridgeville	Sussex	45	46	59.2	+1.9	83	78	25	28	34	3.40	+0.29	1.87	0.0	5	16	9	6	sw.	U. S. Weather Bureau
Delaware City	New Castle	12	50			78	710	26	28		2.74	0.00	1.22	0.0	7	14	9	8	nw.	William M. Ray
Dover	Kent	34	47	59.0	+1.8	81	8	28	27	32	2.78	-0.18	1.27	0.0	8	14	11	6	nw.	James E. Maden
Millford	Sussex	20	54	59.6	+1.3	82	22	28	28	32	4.31	+1.04	1.66	0.0	8	14	11	6	sw.	Arthur G. Livingston
Millsboro	do.	20	44					29	31	33									sw.	Chas. J. Holzmüller
Wilmington§§§	New Castle	42	43								3.14	-0.03	1.48	0.0	7	14	9	8	sw.	Wm. T. Moore
Wilmington§§§§	do.	260	25	57.5	+0.6	77	22	23	28	27	3.11	-0.06	1.41	0.0	6	14	9	8	sw.	Street Department
Means and extremes:																				
For Maryland and District of Columbia.				57.6	+1.6	85	20	16	28	49	3.24	+0.22	3.63	T.	8	14	8	9	sw.	Water Department
For Delaware.				58.8	+1.6	83	78	23	28	34	3.27	+0.22	1.87	0.0	7	14	10	7	sw.	
For entire section.				57.7	+1.6	85	20	16	28	49	3.24	+0.22	3.63	T.	8	14	8	9	sw.	

The departures from normal temperatures are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for the period of record are used. Data in italics determined from surrounding stations. T. Precipitation is less than 0.01 inch rain or melted snow.

††Post 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 Mt. Savage Summit, Frostburg; of Picardy, Paw Paw, W. Va.; of Pleasant Hill, Owings Mills; of Sines, Oakland. *Custom House, Gay and Water Sts. **Weather Bureau Building, 24th and M Sts. †Also on other dates. §Northwest of Frostburg. §§Prettyboy Dam. §§§Municipal Building. §§§§Porter Reservoir.

Daily Precipitation for October 1936

Stations	Drainage basin	Day of month																															Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Maryland																																		
Aberdeen	Atlantic	.73						.02	.01	.42	.36					T	.10	.25							.02		.11					T		2.02
Annapolis	do.	.60						T	.16	.08						T	.05	.15						T										2.04
Baltimore	do.	.09						.02	.01	.88	.01					T	.13	.47							.04		.08					T		1.73
Bell	do.	.94						T	.38	.65						T	.03	.71	.38						T		.08							2.46
Boysds	do.	1.77						T	.45	.65						T	.30	.96	.02						T		.07					T		4.22
Cambridge (near)	do.	.38						T	.1	1.27						T	.47	.71							T									2.12
Charlotte Hall	do.	.65						T	.35	.22						T	.12	.18							T		.02							1.54
Cheitenham III	do.	1.57						T	.1	1.32	.05					T	.04	.37	.08						T		.04	.05						3.20
Chestertown	do.	.80						T	.1	1.32	T					T	.04	.37	.08						T		.08							2.88
Chewsville	do.	.57						.08	.31	.27	.21	T				T	.15	1.10	.04				.01	.05	.18						.01		2.98	
Coleman	do.	1.24						T	.03	.63	.18					T	.30	.71						.08	.18									2.64
College Park	do.	.82						T	.17	1.01						.15	.16	.55	.05						T		.10							3.01
Conowingo Dam III	do.	1.38						T	.49	.20	.49	.15				T	.05	.04						.02	.01		.15							3.58
Crisfield	do.	.06						T	.11	.18						.02	.33	.11						.14										4.04
Cumberland III	do.	.92						.04	.25	.20	.08	.20	T			T	.20	.01					.04		.05	.16								3.94
Darlington	do.	1.36						T	.50	.60	.30					T	.11	.50	.71					.10		.14								3.64
Dundalk	do.	.02						T	.16	.30	.07					T	.11	.50	.71					.04		.10								4.72
Easton	do.	.30						T	.16	.30	.08					T	.18	.31						.05		.07								0.94
Edgewood	do.	.13						T	.02	.18	T					T	.18	.37						.12		.12								3.28
Elkton	do.	1.33						T	.48	.38	.10					T	.12	.20	.02					T		.25								6.02
Emmitsburg	do.	.83						T	.45	.85	.80					T	.77	.04						T		.06								2.98
Fallston	do.	1.00						T	.02	.71	.38					T	.08	.25	.05					T		.02								2.83
Ferry Landing	do.	1.49						T	.26	.18						T	.12	1.86						.02		.12								5.23
Frederick	do.	1.00						.03	.02	1.22	.84					T	.12	1.86						.02		.12								4.38
Fredericks	Ohio	.06						.10	.52	T	.15	.10	T			T	.100	1.40					.30	T	.100	.75								5.45
Frostburg	Atlantic	.40						.1	.61	.04	.26	.08	T			T	.18	.34					.07	.08	.31						.02			3.57
Grantsville	Ohio	.06						.10	.68	.01	.13	.13	.07			T	.11	.25	.08				.07	.13	.59						.15			4.11
Great Falls III	Atlantic	1.35						T	.71	T	.78	T				T	.1	1.80	.11					T		.06								3.60
Hancock (Tonoloway)	do.	.20						.03	.46	.05	.16	.02	T			T	.23	.77					.05	T	.28									4.25
Hancock (City) III	do.	1.25						.02	.29	.46	.11	.08	T			T	.3	.32	.03				.04	.01	.11	.10								5.82
Huntingtown	do.	.44						T	.1	.45						T	.3	.32						.03	.03									1.14
Keedysville	do.	.58						.08	.07	.51	.56	T				T	.17	1.94					T	.02	.20						.01			4.14
La Plata	do.	.98						T	.40	.42						T	.40	.35	.05					T		.20								2.60
Laurel	do.	.81						T	.15	.47						T	.35	.03	.61	.05				.01	.03	.22								2.78
Lutherville	do.	1.00						T	.30	.70						T	.90	.71						T		.10								3.00
Maryland Line	do.	.50						T	.45	.30	.83					T	.91	.03						T		.25								3.57
Millington	do.	.63						T	.13	.07						T	.58	.15						T		.09								2.62
Mt. Savage Summit	do.	.30						.04	.19	T	.20	.07	T			T	.2	.33	.12				.12	.20	T	.92					.01			4.40
Oakland	Ohio	.1						T	1.00	1.25	.10					T	.36	.12						T		.34								3.55
Parkton	Atlantic	.1						T	.1	.20	.65					T	.60	.71						.03	.05									3.45
Perryville	do.	1.92						.05	.18	T	.10	.05	T			T	.57	2.97					.20	T	.23									4.60
Picardy	do.	.25						T	.05	.45	.42					T	.1	.00	T					T		.10								3.09
Pleasant Hill	do.	.89						T	.1	.10	.15					T	.04	2.22						T		.06								2.68
Princess Anne	do.	.17						T	.92	.09						T	.68	.09						T		.06								2.24
Ridgely	do.	.40						.05	T	1.07	.25					T	.18	.05						T		.05								2.87
Rock Hall	do.	.72						T	.63	.08						T	.18	.05						T		.05								2.77
Salisbury	do.	.20						.10	.24	T	.17	T				T	1.12	1.23	.02				.02	.07	T	.01	.76							3.80
Sines	Ohio	.06						T	.40	.20						T	.3	.20	T					T		.1								3.90
Snow Hill	Atlantic	.10						T	.03	.04						T	.02	.24	T					T		.06								0.81
Solomons	do.	.42						T	.60	.25	.53					T	.08	2.83	.10					T		.28								5.62
State Sanatorium	do.	.95						T	.1	1.10	.10					T	.25	.29						T		.34								2.19
Stevensville	do.	.45						T	.1	.90	.02					T	.03	.70						T		.10								2.45
Takoma	do.	.70						T	.1	.98						T	.04	.46						T		.06								2.56
Towson	do.	1.02						.01	.20	.05	.15	T				T	.50	2.90	.10				.12	.02	.22						.02		4.63	
Western Port	do.	.34						.04	.60	.56	.30					T	.1	1.60	.13					T		.22								4.46
Westminster	do.	.81						.04	.04	.19	.28					T	.04	.24	.93	.07				T		.06								2.89
Woodstock	do.	1.00						.04	.04	.19	.28					T	.04	.24	.93	.07				T		.06								2.89
District of Columbia																																		
Washington	Atlantic	.04						T	.99	.01						T	.01	.38	.19					T		.08								1.70
Delaware																																		
Bridgeville	Atlantic	.25						T	.1	1.87	.07					T	.18	.77	.05					.03		T								3.40
Delaware City	do.	1.22						T	.32	.13	.10					T	.77	.05						T		.15								2.74
Dover	do.	.80						T	.05	.78	.16					T	.12	.77	.16					.03		.03								2.78
Milford	do.	.28						T	.06	1.66	.46					T	.15	.25						.01		.02								4.31
Millsboro	do.	.20						T	.50	.60	.03					T	.78	.0																

Daily Temperatures for October 1936—Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean	
Maryland																																		
Aberdeen	Maximum	71	74	70	72	70	75	75	71	71	76	67	70	63	74	75	73	73	57	68	75	74	78	65	60	65	63	43	54	58	54	54	67.4	
Aberdeen	Minimum	57	53	51	47	46	54	62	64	63	65	54	48	44	54	51	58	57	48	44	46	49	56	56	46	47	35	24	32	41	29	48.5		
Annapolis	Maximum	71	73	70	70	70	71	75	78	69	78	69	73	65	73	74	69	75	56	70	75	74	75	75	66	62	64	64	45	51	61	55	53	67.5
Annapolis	Minimum	56	54	55	53	54	60	65	66	68	68	66	51	49	56	62	62	50	49	48	56	57	62	57	52	48	38	34	35	39	39	54	52.9	
Baltimore (U.S.W.B.)	Maximum	73	75	69	69	68	72	80	79	72	78	69	73	62	71	74	71	75	57	71	80	78	81	68	63	63	64	44	52	60	54	58	68.4	
Baltimore (U.S.W.B.)	Minimum	54	53	54	48	51	57	64	67	66	67	55	50	45	55	63	62	57	49	48	53	55	59	56	50	44	35	32	30	40	41	36	51.5	
Bell	Maximum	73	72	71	69	70	76	79	83	78	77	74	72	69	72	75	70	74	71	70	78	77	81	76	65	62	60	54	61	59	58	70.7		
Bell	Minimum	54	43	44	36	40	50	60	62	67	66	63	38	49	57	57	61	47	38	40	45	53	51	50	32	46	23	19	27	31	23	45.3		
Boyd's	Maximum	72	70	67	65	68	73	80	80	74	77	71	70	65	72	75	70	73	65	67	78	76	80	65	61	64	63	60	52	60	53	58	68.5	
Boyd's	Minimum	52	42	45	38	43	47	60	60	64	64	53	44	38	48	56	58	60	42	41	45	50	50	45	34	42	27	19	27	33	26	45.3		
Cambridge (near)	Maximum	72	74	69	73	73	77	80	81	75	79	76	71	73	78	73	78	79	75	70	76	76	81	71	65	67	67	64	54	63	57	59	71.6	
Cambridge (near)	Minimum	58	55	47	47	42	49	62	67	67	67	60	61	55	48	50	59	59	61	55	40	46	56	58	53	51	44	48	32	26	30	29	50.3	
Cheltenham§§	Maximum	72	72	69	69	70	76	79	83	72	77	69	70	64	70	75	70	76	59	70	70	74	79	65	64	65	65	45	63	63	55	58	68.3	
Cheltenham§§	Minimum	50	49	47	40	42	52	57	62	65	68	67	45	4	49	58	61	61	47	41	49	51	55	56	52	38	44	26	20	28	36	27	47.6	
Chewsville	Maximum	62	70	59	67	61	69	77	71	67	68	67	61	61	67	68	68	65	58	66	75	73	76	70	49	49	55	55	46	46	52	49	53	62.5
Chewsville	Minimum	51	41	53	37	41	51	64	62	60	57	54	45	41	48	61	62	52	45	39	42	47	53	48	46	38	45	22	22	27	39	25	45.4	
Clear Spring	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Clear Spring	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Coleman	Maximum	72	70	69	69	70	74	78	76	71	78	71	70	64	78	76	72	71	68	68	77	77	81	69	63	61	62	56	54	60	54	56	68.7	
Coleman	Minimum	53	51	53	47	47	51	58	63	63	63	60	52	42	52	61	60	59	48	43	47	52	56	56	50	41	48	31	27	37	44	34	50.0	
College Park	Maximum	72	74	71	70	72	76	80	84	79	79	76	72	70	74	75	70	74	71	70	78	78	81	75	64	65	63	58	55	62	56	59	71.1	
College Park	Minimum	55	45	46	37	41	52	59	60	64	68	54	47	42	51	61	56	62	50	40	40	43	50	52	52	36	17	26	20	29	31	25	46.5	
Conowingo Dam	Maximum	69	71	66	68	67	72	76	72	70	76	68	68	63	71	73	70	72	61	66	75	73	76	62	58	60	60	42	48	57	53	55	65.7	
Conowingo Dam	Minimum	51	49	52	44	40	47	55	62	63	65	55	43	42	47	57	57	61	44	40	43	47	58	55	51	35	30	22	20	30	30	46.0		
Crisfield	Maximum	72	74	74	70	73	80	80	78	76	78	73	74	71	78	75	71	80	71	71	74	77	78	79	67	65	67	65	59	63	59	57	71.8	
Crisfield	Minimum	63	57	50	53	50	54	62	69	71	70	61	57	51	58	60	63	64	55	42	54	58	63	58	58	48	49	40	42	48	46	40	55.3	
Cumberland§§	Maximum	66	75	72	73	75	78	73	72	75	75	78	70	69	76	78	73	71	55	73	85	81	76	55	65	68	61	46	54	60	49	63	69.1	
Cumberland§§	Minimum	49	41	46	38	41	46	51	60	62	64	50	46	40	41	48	53	57	44	38	39	41	46	48	45	35	29	26	23	25	44	29	45.6	
Darlington	Maximum	70	71	68	66	67	70	76	72	75	67	67	66	68	71	70	68	63	40	42	42	50	49	63	60	62	42	48	56	52	54	66.1		
Darlington	Minimum	50	49	50	38	40	47	53	60	61	61	51	40	39	43	54	53	52	40	42	42	50	49	48	34	41	20	20	24	32	28	43.6		
Dundalk	Maximum	73	71	71	69	71	78	79	79	70	79	70	73	62	73	73	71	76	57	71	79	77	78	65	63	66	63	44	50	61	54	57	68.3	
Dundalk	Minimum	56	50	47	40	47	53	61	63	65	66	54	52	42	55	62	69	57	49	47	51	56	52	56	42	39	35	29	26	38	41	33	49.1	
Easton	Maximum	73	70	69	70	72	77	79	81	71	77	71	69	69	77	78	72	74	67	76	76	76	80	67	63	66	66	57	56	61	56	55	69.8	
Easton	Minimum	49	50	47	42	42	49	65	67	66	68	57	52	45	49	59	59	60	48	42	47	51	55	54	51	39	49	29	26	31	35	28	48.7	
Edgewood	Maximum	72	73	69	69	67	73	74	76	69	67	67	70	61	73	72	72	74	56	69	74	74	78	64	61	62	63	43	51	59	54	56	66.8	
Edgewood	Minimum	56	47	43	38	41	48	58	61	62	64	50	48	39	50	56	56	56	47	41	41	48	52	52	49	34	30	21	20	31	38	27	45.3	
Elkton	Maximum	74	76	71	73	74	76	75	75	73	79	69	72	72	80	75	73	73	61	70	78	77	81	70	61	66	62	45	46	55	55	54	69.1	
Elkton	Minimum	52	46	49	38	39	46	56	60	61	60	57	44	38	44	54	54	54	45	39	40	45	50	49	43	34	40	24	18	28	38	29	44.3	
Emmitsburg	Maximum	66	68	65	68	66	68	75	75	70	74	73	60	60	65	66	66	65	65	65	78	75	80	70	56	57	56	48	46	55	55	55	64.9	
Emmitsburg	Minimum	51	47	50	45	46	53	60	63	62	63	59	45	40	49	61	61	59	48	40	47	50	55	50	48	47	28	25	33	42	30	48.3		
Fallston	Maximum	70	70	66	68	70	75	78	72	70	75	70	67	63	70	76	71	70	65	66	77	76	79	67	60	64	62	52	51	58	53	55	67.3	
Fallston	Minimum	52	50	52	44	45	52	59	63	62	64	56	44	40	50	59	57																	