

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CHARLES F. MARVIN, Chief

In Cooperation with Maryland State Weather Service

CLIMATOLOGICAL DATA

15 MARYLAND AND DELAWARE SECTION
 JOHN R. WEEKS, Meteorologist and Section Director
 PRICE: 5 CENTS A COPY; 50 CENTS A YEAR
 VOL. XXXVIII BALTIMORE, MD., APRIL, 1933 No. 4

GENERAL SUMMARY

This was the first mild and wet April since 1929, and the second windiest April of record. Monthly sunshine was about 5 per cent above normal. Relative humidity averaged about normal. The first and second decades were wet; the third decade was dry and sunshiny. Heavy rains of 16-20th caused high water in the Potomac River from 17th to 23d. Strong winds were unusually frequent, but not damaging. Monthly snowfall was light and confined to the Allegheny Mountain region.

The first decade was mild. Other mild periods were 16-18th, 24-25th, and 29-30th. Cool spells were 11-15th, 19th-23d, and 26-28th. Highest temperatures occurred mostly on 29th; lowest temperatures mostly on 23d. Lowest daytime temperatures occurred on 20th.

Monthly precipitation averaged 152 per cent of normal. Totals ranged from slightly below 4 inches in the extreme southeast portion of the Eastern Shore to between 7 and 8 inches in Baltimore County. Thundershowers were heavy at night of 3d-4th in southern Maryland and on the Eastern Shore and on 6th in western and north-central Maryland. Rainfall was heavy on 12th, 17th, and 20th over the section and on 19th in western and central divisions.

Monthly snowfall averaged one-tenth of normal. In the Allegheny Mountain region light snow fell on 4th, 7th, and 12th, and flurries occurred on 8th and 26th. Flurries occurred in the northern counties from Allegany to Harford on 12th.

Growing crops, pastures, and grasses were nicely green and good to excellent. Plowing, planting and sowing of crops, and other outdoor work, greatly delayed by rains, made good progress during the last week. Fruit trees and strawberries bloomed heavily. During the last week wheat was jointing, rye was heading, and early-sown oats were growing rapidly in southern and central counties; barley was heading; early-planted peas were good to excellent and early-planted potatoes were coming up in southern Maryland and on the Eastern Shore; and tobacco, tomato, and sweet potato plants were ready to set out.

Freezing temperatures and frosts of 23d and 27th damaged peach and pear blossoms, heavily in Allegany and Washington Counties and in north-central Maryland. — J. B., Jr.

TEMPERATURE

The monthly mean for the section, 52.8°, is 0.4° above normal. The highest monthly mean was 55.7° at Washington, D. C.; the lowest, 45.6°, at Sines. The highest temperature, 88°, occurred at Cumberland and Western Port on the 29th; the lowest, 20°, at Oakland on the 13th. The greatest local monthly range was 61° at Hancock; the least, 53°, at Solomons. The greatest daily range was 51° at Hancock on the 24th.

PRECIPITATION

The monthly average for the section, 5.44 inches, is 1.87 inches above normal. The greatest monthly amount was 7.58 inches at Baltimore; the least, 3.61 inches, at Pocomoke City. The greatest 24-hour amount was 2.50 inches at Pleasant Hill on the 16-17th. The average monthly snowfall, 0.1 inch, is 1.1 inch below normal. The greatest monthly snowfall was 2.4 inches at Grantsville. The average number of days with 0.01 inch or more of precipitation, 11, is 1 above normal.

MISCELLANEOUS PHENOMENA (WITH DATES)

Fogs, light. — 1, 3, 6, 7, 10, 11, 14, 15, 16, 17, 18, 20, 22.
Fogs, dense. — 6, 16, 18; Darlington, 14; on coast, 22.
Frosts, killing. — General over section, 23, 27.
Gales on coast. — Southeast, 6; northeast, 19-20.
Hail, light. — Southern portion of section, night 3; western and central divisions, night 6.
Halos, lunar. — 4, 6. *solar.* — 2, 3, 5, 13, 18, 21, 30.
Thundergust, high. — Northwest, 6.
Thunderstorms. — Sussex County and Crisfield, 1; eastern half of section, night 3; entire section, night 6; Grantsville, 10; Chewsville, 17.
Winds, high. — Northeast, 19-20; easterly, 11; southerly, 1, 28; southwest, 7, 27; northwest, 4, 12, 26.

PRESSURE, HUMIDITY, SUNSHINE AND WIND

Stations	Atmospheric pressure reduced to sea level					Wind †				Mean relative humidity			Percentage of sunshine
	Average	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	8 a. m.	Local n'n	8 p. m.	
Aberdeen, Md.	29.98	30.41	13	29.44	25	9.0	34	ne.	20	80	66	67	58
Baltimore Md.	29.98	30.42	13	29.45	26	11.9	32	se.	28	70	55	60	53
Elkins, W. Va.	29.98	30.43	13	29.51	6	7.6	28	w.	26	75	41	59	52
Harrisburg, Pa.	29.97	30.41	13	29.41	25	3.6	24	n.w.	26	68	50	56	64
Norfolk, Va.	29.98	30.39	14	29.49	23	13.2	33	n.w.	3	75	57	70	69
Philadelphia, Pa.	30.00	30.39	14	29.40	26	14.3	33	e.	19	70	52	56	54
Pittsburgh, Pa.	29.96	30.41	13	29.50	25	10.4	30	n.w.	26	71	50	54	55
Washington, D. C.	29.97	30.41	13	29.45	26	8.3	25	n.w.	4	69	47	51	65

†Velocity of wind in miles per hour by 4-cup anemometer.

COMPARATIVE DATA FOR MARYLAND AND DELAWARE FOR APRIL

Year	Temperature				Precipitation				Number of days				
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest	Least	Average snowfall	With .01 in. or more precipitation	Clear	Partly c'l'y	Cloudy
1895.....	52.3	-0.1	89	18	4.97	+1.40	9.28	1.15	0.1	10	13	7	10
1896.....	55.7	+3.3	99	12	1.42	-2.15	2.98	0.49	0.4	6	13	10	7
1897.....	52.1	-0.3	94	15	2.98	-0.59	5.06	2.00	T.	4	16	8	6
1898.....	50.3	-2.1	88	6	2.75	-0.82	5.65	0.57	2.3	11	11	9	10
1899.....	53.0	+0.6	94	14	1.60	-1.97	3.40	0.67	T.	4	19	7	4
1900.....	52.4	0.0	86	16	1.96	-1.61	3.65	0.64	0.4	6	16	7	7
1901.....	49.2	-3.2	90	15	5.69	+2.12	7.95	3.30	2.0	11	11	5	14
1902.....	51.8	-0.6	102	16	3.45	-0.12	5.15	1.73	2.8	8	11	11	8
1903.....	52.4	0.0	95	13	4.02	+0.45	7.02	2.29	T.	9	13	7	10
1904.....	49.1	-3.3	87	10	2.46	-1.11	4.10	1.29	0.2	9	12	10	8
1905.....	52.8	+0.4	88	8	2.85	-0.72	5.60	1.07	0.6	9	12	12	6
1906.....	54.1	+1.7	96	10	3.14	-0.43	5.37	0.38	T.	7	15	10	5
1907.....	47.0	-5.4	86	9	3.33	-0.24	4.69	1.44	1.8	10	10	10	10
1908.....	54.6	+2.2	90	19	2.36	-1.21	4.63	1.07	T.	10	16	7	7
1909.....	52.7	+0.3	89	5	3.59	+0.02	6.16	1.94	0.3	10	14	8	8
1910.....	57.3	+4.9	92	20	5.40	+1.83	10.37	2.74	0.1	12	11	11	8
1911.....	49.0	-3.4	88	0	3.25	-0.32	4.66	1.69	1.8	11	11	9	10
1912.....	54.7	+2.3	87	21	2.73	-0.84	4.73	1.31	T.	12	11	10	9
1913.....	54.1	+1.7	90	11	4.51	+0.94	8.21	1.48	T.	10	13	8	9
1914.....	51.6	-0.8	89	15	3.82	+0.25	6.43	1.87	0.1	10	13	10	7
1915.....	57.0	+4.6	100	10	1.66	-1.91	3.15	0.48	5.1	6	15	11	4
1916.....	51.4	-1.0	89	17	3.00	-0.57	3.94	1.68	3.9	12	12	9	9
1917.....	52.4	0.0	90	15	2.43	-1.14	3.46	0.99	3.7	8	14	8	8
1918.....	51.2	-1.2	83	15	5.69	+2.12	10.10	2.72	5.0	11	10	9	11
1919.....	51.8	-0.6	88	11	3.42	-0.15	4.92	1.30	T.	7	13	9	8
1920.....	51.0	-1.4	88	12	4.64	+1.07	6.99	2.55	0.5	13	12	9	9
1921.....	58.1	+5.7	92	16	3.18	-0.39	4.79	1.85	1.0	10	12	8	10
1922.....	54.0	+1.6	93	17	1.90	-1.67	3.56	0.88	0.1	9	14	9	7
1923.....	51.5	-0.9	88	8	4.16	+0.59	7.09	2.29	1.0	9	16	7	7
1924.....	50.1	-2.3	83	13	5.01	+0.44	7.05	2.76	5.4	12	14	7	9
1925.....	55.2	+2.8	97	20	2.55	-1.02	3.88	1.27	0.2	11	15	8	7
1926.....	50.0	-2.4	89	18	1.75	-1.82	2.68	0.79	0.4	9	14	9	7
1927.....	50.0	-2.4	94	18	4.71	+1.14	7.30	2.87	1.6	14	12	6	12
1928.....	50.0	-2.4	85	14	5.86	+2.29	8.37	4.27	4.0	12	12	7	11
1929.....	55.4	+3.0	95	25	6.47	+2.90	8.43	4.61	0.2	14	12	8	9
1930.....	50.6	-1.8	93	18	2.48	-1.09	3.79	1.29	0.5	9	13	8	9
1931.....	51.4	-1.0	84	18	3.08	-0.49	4.51	1.95	1.4	9	15	6	9
1932.....	50.5	-1.9	84	16	2.21	-1.36	4.14	0.87	0.3	8	16	7	7
1933.....	52.8	+0.4	88	20	5.44	+1.87	7.58	3.61	0.1	11	13	9	8
Period.	52.4	.....	102	-3	3.57	.....	10.37	0.38	1.2	10	13	9	8

Climatological Data, April, 1933

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	Date	Greatest daily range	Total	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	With precip., 0.01 in. or more	Clear	Partly cloudy			Cloudy
Maryland																				
Aberdeen	Harford	80	15	52.7	+1.5	77	29	33	23	33	6.34	+2.63	1.78	T.	11	9	9	12	e.	U. S. Army.
Annapolis	Anne Arundel	45	68	53.2	-0.2	71	25	31	23	29	5.65	+1.88	1.79	0.0	11	16	8	6	se.	Louis E. Foster.
Baltimore*	Prince Georges	115	63	54.7	+1.1	76	29	34	23	33	7.58	+4.24	1.94	T.	12	11	9	10	se.	U. S. Weather Bureau.
Bell†	Montgomery	375	14	52.4	-0.2	81	29	25	27	44	4.48	+0.83	1.18	T.	14	15	8	7	s.	Bureau Plant Industry.
Boys	Dorchester	25	40	54.4	-0.4	74	30	31	27	35	4.26	+0.53	1.63	0.0	10	14	9	7	s.	Ralph F. Staley.
Cambridge (near)	Cecil	85	15	52.6	-0.1	78	29	28	23	34	5.10	+1.01	1.25	0.0	10	13	7	10	se.	Matt Harding.
Cecilton	Prince Georges	230	33	54.2	+0.1	81	29	28	113	40	5.57	+1.49	1.10	0.0	10	14	10	6	se.	James Reese Short.
Cheltenham	Washington	530	36	51.4	-0.7	80	29	26	23	40	4.12	+1.14	1.15	T.	10	15	9	6	se.	Geo. Hartnell.
Chesville	do.	600	36	53.0	+2.6	84	29	28	15	46	5.08	+1.62	1.82	T.	11	16	8	6	se.	D. Paul Oswald.
Clear Spring	Kent	80	36	52.8	-0.3	78	29	32	23	35	5.47	+1.92	1.55	0.0	10	15	6	9	se.	Mrs. Anna Bevan Cohill.
Coleman†	Prince Georges	87	47	53.8	+0.8	79	29	28	113	45	5.94	+2.35	1.66	0.0	10	15	9	6	se.	Walter B. Harris.
College Park	Somerset	5	14	55.0	-0.1	75	30	32	23	30	3.80	-0.30	0.93	0.0	10	15	9	6	se.	Prof. Thos. H. White.
Crisfield	Allegany	623	61	54.4	+2.4	88	29	31	113	45	5.52	+2.70	1.37	T.	13	15	8	7	sw.	A. B. Cochran.
Cumberland	Harford	300	43	50.8	-0.7	73	30	31	23	31	6.21	+2.79	1.69	T.	10	8	13	9	e.	Fred. C. Jones.
Darlington	Talbot	35	43	53.2	-0.2	77	29	30	123	34	3.71	+0.36	1.22	0.0	10	15	9	6	s.	Clement E. Bray.
Elkton	Cecil	28	7	52.3	.....	78	29	28	23	40	5.54	.....	1.86	0.0	10	13	8	9	ne.	H. W. Bouchelle.
Emmitsburg	Frederick	720	65	52.8	+0.4	79	29	29	23	32	6.58	+3.09	1.40	T.	11	15	9	6	se.	Mt. St. Mary's College.
Fallston†	Harford	450	64	51.9	+1.2	76	29	28	23	34	7.27	+3.65	2.15	T.	12	9	15	6	se.	Miss Dora Curtiss.
Ferry Landing†	Calvert	110	17	53.8	0.0	79	29	30	23	35	4.32	0.00	0.82	0.0	10	15	8	7	se.	Thos. J. Bourne.
Frederick	Frederick	825	59	55.2	+2.3	85	29	28	23	41	5.39	+1.92	1.38	T.	13	15	9	6	se.	August T. Brust.
Fredericksburg	Garrett	1,501	15	49.1	+1.2	78	110	22	23	43	5.12	+1.27	1.12	2.0	12	11	8	11	.....	Joab J. Friend.
Frostburg	Allegany	1,929	32	50.6	+0.8	80	29	27	23	39	5.86	+1.97	1.25	T.	11	15	8	7	w.	F. T. Lewis.
Grantsville	Garrett	2,351	40	46.8	-0.8	80	29	27	23	50	4.66	-0.90	0.95	2.4	14	11	8	11	w.	Floyd J. Miller.
Great Falls†	Montgomery	200	44	54.0	+0.9	84	29	27	23	42	4.62	+1.47	1.55	T.	13	14	9	7	se.	Chas. E. Sullivan.
Hancock (Tonoloway)	Washington	455	23	52.4	+0.5	85	29	24	23	51	5.91	+1.77	1.68	T.	11	16	7	7	.....	American Fruit Growers.
Hancock (City)	do.	421	9	.....	.....	.....	.....	.....	.....	.....	4.95	+1.81	1.14	T.	16	.....	.....	.....	s.	Marvin K. Murray.
Keedysville	do.	400	29	53.8	+0.8	86	29	27	23	45	3.68	+0.42	0.82	T.	12	16	8	6	s.	J. A. Miller.
La Plata	Charles	190	16	53.8	-1.1	79	29	28	23	42	5.69	+1.57	1.33	0.0	10	13	11	6	sw.	Walter M. Page.
Laurel	Prince Georges	320	39	53.2	+0.6	80	29	29	23	37	5.51	+1.85	1.44	T.	12	15	9	6	se.	Evan G. Chaney.
Lutherville	Baltimore	340	7	52.8	.....	79	29	28	23	44	7.35	.....	2.33	T.	11	12	10	8	se.	August W. Clark, P. M.
Maryland Line	do.	840	9	51.4	.....	79	29	26	23	35	7.55	.....	2.05	T.	10	9	11	10	se.	Chester L. Fulton.
Mechanicsville	St. Marys	165	7	.....	.....	.....	.....	.....	.....	.....	6.00	.....	2.05	0.0	10	15	9	6	sw.	Zach S. Graves.
Millington	Kent	27	36	53.8	+0.6	78	29	29	23	36	4.94	+1.30	1.12	0.0	10	15	5	10	se.	Henry L. Higman.
Oakland	Garrett	2,461	34	48.6	+2.5	80	29	20	13	49	5.15	+0.95	1.12	0.8	15	11	8	11	w.	R. E. Weber.
Parkton	Baltimore	780	3	51.4	.....	80	29	26	23	36	7.09	.....	1.82	T.	11	8	12	10	se.	C. B. Cornell.
Picardy	Allegany	900	7	53.6	.....	84	29	28	23	39	4.83	.....	0.99	T.	11	15	8	7	w.	American Fruit Growers.
Pleasant Hill†	Baltimore	660	9	.....	.....	.....	.....	.....	.....	.....	6.91	.....	2.50	T.	11	11	9	10	se.	J. E. Henry.
Pocomoke City	Worcester	37	28	.....	.....	.....	.....	.....	.....	.....	3.61	+0.33	0.82	0.0	10	10	13	7	.....	Wm. H. Dryden.
Princess Anne	Somerset	17	58	53.8	-0.4	77	29	31	23	35	4.44	+0.93	0.95	0.0	10	11	12	7	sw.	James R. Stewart.
Ridgely	Caroline	57	43	53.5	+0.5	75	129	29	23	32	5.11	+1.77	1.27	0.0	10	14	9	7	sw.	Albert White.
Rock Hall	Kent	25	19	53.2	+0.5	77	29	28	23	38	5.57	+1.94	1.37	0.0	11	15	9	6	s.	Charles Judefind.
Salisbury	Wicomico	23	28	54.5	+0.2	78	30	30	23	33	5.09	+1.66	1.15	0.0	11	11	12	7	s.	Homestead Dairy Farms.
Sines (Deep Creek)	Garrett	2,040	6	45.8	.....	78	110	21	23	46	4.71	.....	0.99	1.0	14	11	8	11	.....	C. E. MacMurray.
Snow Hill	Worcester	15	8	52.6	-0.9	72	129	28	27	33	3.90	.....	0.90	0.0	10	10	13	7	sw.	Richard Leake.
Solomons	Calvert	20	42	53.2	-0.9	71	18	36	123	30	4.41	+1.40	1.25	0.0	11	15	9	6	se.	J. J. Daley.
State Sanatorium	Frederick	1,460	25	51.5	+0.5	77	29	27	23	32	6.26	+2.37	1.35	T.	11	15	9	6	.....	Dr. V. F. Cullen.
Stevensville	Queen Annes	12	7	54.0	.....	75	29	30	23	32	5.49	.....	1.50	0.0	11	15	9	6	s.	T. R. Price.
Takoma	Montgomery	320	35	55.4	+2.5	83	29	30	23	39	5.78	+2.28	1.95	0.0	10	14	9	7	.....	Milton L. Seaman.
Towson	Baltimore	465	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Metropolitan District.
Western Port	Allegany	1,000	40	53.8	+2.1	88	29	28	13	47	6.45	+3.50	1.35	T.	13	.....	.....	.....	.....	Norris Bruce.
Westminster	Carroll	770	24	52.2	+0.1	82	29	27	23	35	6.51	+3.13	1.51	T.	10	14	8	8	se.	Harry J. Mathias.
Woodstock	Baltimore	415	64	53.6	+1.3	82	29	28	113	42	6.65	+3.41	2.04	T.	12	15	8	7	se.	Woodstock College.
Dist. of Columbia																				
Washington**	.....	112	63	55.7	+2.4	83	29	33	23	38	4.67	+1.40	1.41	0.0	12	13	11	6	s.	U. S. Weather Bureau.
Delaware																				
Bridgeville	Sussex	45	43	53.4	+0.3	79	29	30	27	36	4.89	+1.39	1.48	0.0	10	13	10	7	sw.	George Ray.
Delaware City	New Castle	12	19	53.0	+0.9	77	29	32	23	31	4.95	+1.58	1.75	0.0	10	14	7	9	s.	James E. Maden.
Dover	Kent	34	44	53.1	-0.1	79	29	32	22	35	4.80	+0.77	1.20	0.0	10	15	7	8	se.	Arthur G. Livingston.
Milford	Sussex	20	51	53.7	-0.1	80	29	29	27	36	6.10	+2.61	1.58	0.0	10	13	9	8	se.	Chas. J. Holzman.
Millsboro	do.	20	41	53.4	+0.6	77	29	29	27	38	6.45	+2.79	2.12	0.0	10	10	13	7	se.	G. L. Ellis.
Wilmington	New Castle	86	40	.....	.....	.....	.....	.....	.....	.....	5.94	+2.46	1.82	0.0	10	14	7	9	ne.	Street Department.
Wilmington	do.	260	22	52.1	-0.5	76	29	28	23	29	5.75	+2.22	1.73	0.0	10	14	7	9	ne.	Water Department.
Means and extremes																				
For Maryland and District of Columbia.	.....	.....	.....	52.8	+0.5	88	29	20	13	51	5.44	+1.86	2.50	0.1	11	13	9	8	se.	.....
For Delaware	.....	.....	.....	53.1	-0.1	80	29	28	23	38	5.42	+1.92	2.12	0.0	10	13	9	8	se.	.....
For entire section	.....	.....	.....	52.8	+0.4	88	29	20	13	51	5.44	+1.87	2.50	0.1	11	13	9	8	se.	.....

The departures from normal temperature and precipitation are computed only for such stations as have 10 or more years of record, but all complete reports are used in determining section or division means. 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 Pleasant Hill, Owings Mills. †Also on other dates. *Custom House, Gay and Water Sts. **Weather Bureau Building, 24th and M Sts.

§Prettyboy Dam. §§Drum Point Light Station. §§§Municipal Building. §§§§Porter Reservoir.

Daily Precipitation for April, 1933

Stations	Watershed	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	.16	.18	.36	.16		.56	.08			T.	T.	1.78				.59	.78	T.	.77	.92						T.	T.						6.34	
Annapolis	do.	.10		.21	.56		.16	.24			T.	T.	1.04				.79	1.00	.04	.59	.92						T.	T.						5.65	
Baltimore***	do.	.31	.20	.34	.28		.80	.18					.02	1.48			.96	.99	T.	1.00	1.02						T.	T.						7.58	
Bell	do.	.03		.28	.64		.19	.38		T.		T.	1.31				.32	1.01	T.	1.11	.41	T.					T.	T.						5.68	
Boys	do.	.08	.07	.06	.13		.34	.81			T.	T.	.91				.42	.76	.03	.42	.43						T.	T.						4.48	
Cambridge(near)	do.	.23			.77		.20	.28			T.	T.	.75					1.63	T.		.40						T.	T.						4.26	
Cecilton	do.	.10	.05	.20	.85		.10	.35			T.	T.	1.00				.10	1.25	T.	1.10						T.	T.							5.10	
Cheltenham	do.	.04		.26	.67		.10	.52			T.	T.	1.00				.36	.74	T.	.98	.90	T.				T.	T.							5.57	
Chewsville	do.	.30	.09		.19		.10	.42			T.	T.	.90				.53	.62	T.	.30	.67					T.	T.							4.12	
Clear Spring	do.	.09	.11		.12			.91			T.	T.	.50				.31	.90	T.	.25	1.82					.07	T.							5.08	
Coleman	do.				1.00			.46			T.	T.	1.55				.13	.26	T.	.20	.87					T.	T.							5.47	
College Park	do.	.08		.30	.58		.26	.70			T.	T.	1.66				.40	.90	T.	.68	.38	T.				T.	T.							5.94	
Crisfield	do.	.39		.07	.46		.68	.18			T.		.60				.17	.76	T.	.05	.28					.16	T.							2.80	
Cumberland III	do.	.12	.10				.28	.67			T.		1.02				.38	.95	T.	.25	1.37	.22				.16	T.							5.52	
Darlington	do.				.67		.20	.63			T.		1.69					1.70	T.	1.02	.30					.16	T.							6.21	
Easton	do.	.03			.65		.23	.35			T.		.70				.15	1.07	T.	.08	.50					T.	T.							3.71	
Elkton	do.	.10		.18	.44		.11	.72			T.		1.86				.11	1.50	T.	.02	.50					T.	T.							5.54	
Emmitsburg	do.	.10		.35	.20		.23	.63			T.	T.	1.40				.95	1.35	.22	.45	.70					T.	T.							6.58	
Fallston	do.	.16		.13	.43		.25	.67			T.		.09	1.28			.32	2.15	.02	.57	1.19					T.	T.							7.27	
Ferry Landing	do.	.05		.20	.47		.26	.42			T.		.82				.32	.78	T.	.51	.29	T.				T.	T.							4.32	
Frederick	do.	.13		.22	.14		.14	.56			T.		.02	1.36			.60	.83	T.	.49	.87					.02	T.							5.39	
Friendsville	Ohio	.25			.34		.96	.30	T.		T.			.85			.35	.20	T.	1.12	T.					.33	.42							5.12	
Frostburg	Atlantic	.10			.14		.41	.81			T.	T.	1.06				.67	.58	T.	1.05	.85					.19	T.							5.86	
Grantsville	Ohio	.08	.02		.09		.85	.17	.02		T.		.02	.65			.56	.20	T.	.95	.31					.41	.33							4.66	
Great Falls III	Atlantic	.04	.06	.27	.30		.04	1.03			T.						.17	1.38	.15	T.	.27	.17				.11	T.							4.62	
Hancock (Tonoloway)	do.	.11	.09		.15		.16	.64			T.						.42	.70	T.	1.68	.84					.11	T.							5.91	
Hancock (City) III	do.	.16	.08	.07	.08		.16	.76	.02		.03						.22	1.14	.08	.22	.60	.41				T.	.03							4.95	
Keedysville	do.	.06	.08		.11		.14	.27			T.	T.	.80				.60	.67	T.	.06	.82					.02	.05							3.68	
La Plata	do.	.14		.24	.81		.20	.59			T.		1.16				.68	.65	T.	.24	.98	T.				T.	T.							5.69	
Laurel	do.	.18		.24	.61		.16	.60			.01		1.14				.33	1.11	.01	.86	.26	T.				T.	T.							5.51	
Lutherville	do.	.20		.18	.54		.15	.82			T.		1.62				.18	2.15	.02	.66	.93					T.	T.							7.35	
Maryland Line	do.	.23		.50	.14		.17	.68	T.		T.	T.	1.25				.26	2.05	T.	1.15	1.12					T.	T.							7.55	
Mechanicsville	do.				.98		.33	.27			T.		.61				.96	.30	T.	* 2.55	T.					T.	T.							6.00	
Millington	do.	.29		.23	.68		.45	.13			T.		1.12				.10	.99	T.	.13	.92					T.	T.							4.94	
Oakland	Ohio	.22	.03		.17		.37	.56	T.		T.		.06	.82			.08	.60	.11	.04	1.12	.22				.41	.34							5.15	
Parkton	Atlantic	.18		.12	.44		.15	.59	T.		T.	T.	1.30				.25	1.82	.03	1.04	1.17					T.	T.							7.09	
Picardy	do.	.25	.15		.10		.17	.82			T.	T.	.85				.51	.45	T.	.68	.70					.15	T.							4.83	
Pleasant Hill	do.	.10		.20	.30		.22	.40	T.		T.	T.	1.44				.60	1.90	.05	1.00	.70					T.	T.							6.91	
Pocomoke City	do.	.65		T.	.50		.65	.17			T.		.45				.05	.54	T.	* .50						.10	T.							3.61	
Princess Anne	do.	.32		.03	.30		.75	.20			T.		.87				.28	.62	T.	.09	.38					T.	T.							4.44	
Ridgely	do.	.05		.11	.36		.26	.24			T.		.93				.09	1.08	T.	.22	.27					T.	T.							5.11	
Rock Hall	do.	.07		.22	.67		.20	.20			T.		1.35				.20	1.17	.07	.20	.22					T.	T.							5.57	
Salisbury	do.	.65		.15	.75		.60	*			T.		1.37				.12	.30	T.	* 1.00						.15	T.							5.09	
Sines**	Ohio	.22	.12	.20	.09		.90	.09	T.		T.		.76	.04			.46	.02	.10	.83	T.					.82	.06							4.71	
Snow Hill	Atlantic	.40		T.	.90		.90	.10			T.		.70				.10	.50	T.	* .20						.10	T.							3.90	
Solomons	do.	.20		.20	.33		.22	.21			T.		1.25				.10	.98	T.	.05	.85	.02				T.	T.							4.41	
State Sanatorium	do.	.15		.36	.20		.21	.34			T.	T.	1.13				* 2.30	.41	.44	.72						T.	T.							6.26	
Stevensville	do.	.10		.20	.65		* .85				T.		.82				.40	1.10	.17	.12	1.08					T.	T.							5.49	
Takoma	do.	.07		.34	.62		.15	.64			T.	T.	1.25				* 1.95	T.	.45	.31	T.					T.	T.							5.78	
Towson	do.																																		6.45
Western Port	do.	.08	.10				.80	.26			T.	T.	1.00				.01	.62	.40	T.	1.28	1.35				.45	.10							6.51	
Westminster	do.	.06	T.	.32	.37		.18	.76	T.		T.	T.	1.17				.39	1.05	T.	1.51	.70					T.	T.							6.65	
Woodstock	do.	.13	.10	.17	.36		.12	.61	T.		T.	T.	1.39				.27	1.77	.11	.93	.69					T.	T.							6.65	
District of Columbia																																			
Washington***	Atlantic	.01	.21	.50	.09		.44	.32			T.		.02	.98			1.13	.28	T.	.34	.35	T.				T.	T.							4.67	
Delaware																																			
Bridgeville	Atlantic	.41			.97		.35	.22			T.		.82				.08	.56	T.	.04	1.44					T.	T.							4.89	
Delaware City	do.	.25			1.00		.20	.35			T.		1.75				* 1.15	T.	.12	.20						T.	T.							4.95	
Dover	do.	.30		.15	.72		.25	.20			T.		1.20				* .72	T.	.03	.73						T.	T.							4.30	
Milford	do.	.50			1.05		.27	.14			T.		1.58				.03	1.51	T.	.04	.98					T.	T.							6.10	
Millsboro	do.	.37		T.	.90		.80	.15			T.	T.	1.20				.18	.63	T.	.06	2.06					T.	T.							6.45	
Wilmington	do.	.10		.27	.92		.35	.67			T.																								

Daily Temperatures for April, 1933

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	67	66	63	54	62	60	56	56	65	67	55	50	67	60	56	64	71	72	55	52	60	59	54	70	72	60	60	67	77	72	62.3
Aberdeen.....	Minimum	45	50	47	42	38	44	43	43	41	49	44	39	34	37	44	48	55	54	41	40	38	34	33	38	48	43	35	42	53	51	43.1
Annapolis.....	Maximum	67	67	62	59	59	60	59	58	61	67	64	64	61	60	56	60	67	67	66	49	58	61	60	66	71	68	61	62	70	70	62.3
Annapolis.....	Minimum	46	46	46	43	40	47	48	44	40	45	45	39	34	39	44	50	54	52	45	40	39	37	31	40	55	48	35	42	54	54	44.1
Baltimore (U.S.W.B.)	Maximum	69	69	63	56	66	64	57	61	64	67	54	54	64	60	56	62	70	72	61	51	58	60	57	73	62	61	68	74	73	63.4	
Baltimore (U.S.W.B.)	Minimum	52	55	50	45	43	50	46	43	45	49	45	39	38	44	51	57	56	41	39	38	41	34	42	57	43	39	43	54	56	46.0	
Bell.....	Maximum	71	70	68	61	66	68	68	62	69	69	65	65	64	62	62	73	76	74	48	59	63	58	75	74	69	62	74	88	77	70.0	
Bell.....	Minimum	49	55	40	42	33	40	46	42	34	44	42	37	25	30	43	50	57	46	45	39	35	29	27	51	46	26	32	50	44	40.2	
Boysds.....	Maximum	68	70	63	58	60	68	64	67	71	70	58	55	63	64	61	60	73	71	59	51	60	57	72	72	68	59	61	70	81	75	64.5
Boysds.....	Minimum	47	50	35	41	31	45	40	36	41	43	47	38	32	33	39	50	57	48	44	39	33	32	29	28	47	39	33	48	51	40.2	
Cambridge (near)	Maximum	68	69	66	63	63	66	64	59	69	71	62	58	59	64	62	65	72	73	69	47	59	62	58	70	69	67	61	66	68	74	64.8
Cambridge (near)	Minimum	53	44	47	45	43	49	49	44	39	48	45	41	40	33	42	51	58	50	45	42	38	40	32	35	54	41	31	36	53	51	44.1
Cecilton.....	Maximum	68	66	65	59	61	62	57	56	66	65	59	48	65	63	58	64	72	72	68	50	59	58	63	69	71	69	58	68	78	76	63.4
Cecilton.....	Minimum	46	50	45	43	37	42	48	43	38	46	40	40	34	34	42	45	55	50	45	39	35	32	28	35	52	49	31	36	48	45	41.8
Cheltenham.....	Maximum	69	70	65	62	65	71	70	61	67	70	64	55	65	61	61	61	76	75	72	47	60	63	57	75	72	68	63	71	81	77	66.5
Cheltenham.....	Minimum	52	45	44	42	38	46	42	39	45	44	40	28	32	41	50	56	48	46	38	35	30	28	35	52	46	28	38	60	50	41.8	
Chesville.....	Maximum	65	66	60	56	63	64	62	56	71	73	60	56	62	64	60	61	71	69	61	48	61	59	55	70	67	63	57	68	80	73	63.0
Chesville.....	Minimum	49	46	34	41	31	50	41	38	36	47	44	38	27	35	40	52	57	44	43	36	34	35	26	30	48	39	27	32	49	48	39.9
Clear Spring.....	Maximum	69	65	59	54	64	59	59	64	71	73	72	64	61	68	64	59	72	69	62	47	62	59	56	75	72	65	58	71	84	80	65.2
Clear Spring.....	Minimum	44	54	38	41	28	44	40	36	39	50	45	37	29	37	45	46	58	44	45	36	36	37	28	29	51	40	31	34	51	55	40.9
Coleman.....	Maximum	64	69	65	58	64	58	58	54	67	65	57	48	65	62	57	65	72	72	67	52	60	57	54	72	65	65	57	70	78	71	62.9
Coleman.....	Minimum	46	47	45	43	41	43	46	43	42	46	40	38	36	41	47	55	52	43	37	35	35	32	43	47	39	39	52	47	42	42.6	
College Park.....	Maximum	70	70	66	60	64	69	70	59	69	68	67	54	66	64	62	61	73	74	72	49	60	59	56	73	73	68	61	69	79	76	66.0
College Park.....	Minimum	49	54	43	44	33	46	47	44	38	46	44	39	28	31	44	52	58	47	46	40	37	31	29	28	49	47	29	33	53	45	41.7
Crisfield.....	Maximum	64	66	67	60	63	70	70	61	66	70	69	58	62	65	68	62	69	72	70	60	60	60	69	70	65	61	68	73	75	75	65.3
Crisfield.....	Minimum	52	47	48	45	43	48	39	59	61	41	47	42	37	38	44	49	55	51	42	43	37	38	32	40	55	52	35	43	51	52	44.6
Cumberland§§	Maximum	65	73	64	52	69	71	49	64	81	82	53	58	65	74	64	68	76	73	54	50	46	64	68	77	58	61	77	88	89	81	67.1
Cumberland§§	Minimum	45	46	36	41	33	40	44	39	41	42	39	31	36	47	52	53	43	35	39	33	44	31	32	51	40	34	37	48	51	41.7	
Darlington.....	Maximum	62	66	65	62	62	62	51	50	66	61	52	45	62	59	55	59	64	70	56	50	60	55	59	63	67	54	57	64	73	73	59.8
Darlington.....	Minimum	47	51	44	43	37	47	45	39	35	46	42	40	34	33	38	48	51	55	48	36	34	37	31	36	44	48	33	43	51	48	41.8
Easton.....	Maximum	69	70	67	56	63	67	61	58	70	70	55	56	62	61	60	66	74	74	55	45	59	63	72	71	66	61	69	77	76	76	64.2
Easton.....	Minimum	53	44	46	43	41	46	40	43	38	45	42	40	35	35	40	49	57	50	42	37	35	32	30	36	53	45	30	37	50	49	42.3
Elkton.....	Maximum	68	68	68	59	64	58	58	60	70	69	58	49	63	58	57	63	68	74	66	51	64	59	55	72	74	65	62	70	78	76	64.1
Elkton.....	Minimum	45	50	45	43	35	41	45	41	34	42	40	39	33	32	45	47	53	54	41	38	32	32	28	32	44	48	28	34	48	45	40.5
Emmitsburg.....	Maximum	64	65	65	57	61	58	59	56	68	69	63	54	59	64	63	59	71	69	60	48	57	56	56	71	67	65	57	68	79	79	62.9
Emmitsburg.....	Minimum	48	52	41	41	39	45	40	39	40	51	43	38	34	39	44	50	56	50	43	37	36	41	29	39	53	41	31	38	50	54	42.7
Fallston.....	Maximum	66	67	63	58	63	58	56	55	67	65	58	49	62	61	56	62	70	72	69	49	59	58	55	70	69	65	57	65	76	73	62.4
Fallston.....	Minimum	45	47	42	40	35	43	44	40	39	48	39	34	33	34	41	47	59	53	41	36	33	36	25	36	51	31	35	49	50	49	41.4
Ferry Landing.....	Maximum	69	71	63	60	64	70	62	61	67	69	56	56	64	61	56	62	71	73	63	45	57	64	58	73	72	63	63	70	79	74	64.5
Ferry Landing.....	Minimum	51	47	46	42	40	48	46	42	39	47	45	38	33	35	41	50	56	50	45	39	36	33	30	38	58	48	33	39	51	52	43.1
Frederick.....	Maximum	68	70	69	62	65	65	65	63	73	76	69	60	67	68	65	61	77	73	72	50	64	61	59	75	72	71	62	72	85	81	68.0
Frederick.....	Minimum	46	53	40	43	37	45	46	42	39	50	45	40	32	35	45	51	58	50	46	38	36	38	28	34	50	43					