

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

CHARLES F. MARVIN, Chief.

In cooperation with the State of Maryland.

CLIMATOLOGICAL DATA.

MARYLAND AND DELAWARE SECTION.

JAMES H. SPENCER, Meteorologist and Section Director.

VOL. XXVIII. BALTIMORE, MD., APRIL, 1923.

No. 4

GENERAL SUMMARY.

April was sunshiny and slightly cool. Precipitation was abundant, except in Frederick and Washington Counties. The monthly amount of sunshine was about 10 per cent above normal, and was the greatest in April since 1915. There was a marked absence of fog and of damaging frosts.

The cold wave that overspread the section on March 31 produced, on April 1, unprecedently low temperatures for so late in spring, ranging from 3° below zero at Grantsville to 19° above zero at Crisfield. Unseasonably cold weather on the 13-15th was made disagreeable by a "northeaster". A warm wave was experienced from the 20th to the 22d, with highest temperatures of 80° to 88° , except slightly below 80° in the Allegany Mountain region.

Monthly precipitation was unevenly distributed over the section, owing to the varying amounts locally of the thunder-showers of the 5th and 28th and during the "northeaster" of the 13-15th.

Light snow and sleet fell over the northern half of the section on the 14-15th; both extended southward into southern Maryland on the 14th. Light snow fell also in the Allegany Mountain region on the 6th and 8th, and snow flurries occurred on the 17th and 18th.

Wheat improved after the first pentad, and was in fair to good condition at the close of the month. Rye was good to excellent, and was heading during the closing week in the southern counties. Pastures were only fair to good, and deteriorated during the prolonged dry spell of the second half of the month. Sowing of oats and planting of early potatoes and peas were completed, except in western Maryland. Much plowing for corn was accomplished.

Peach, pear, plum, and cherry trees were forced into bloom in the southern counties by the mild weather of the 3d-6th. The warm wave of the 20th-22d forced these trees into bloom in the northern counties, except Allegany and Garrett, where they came into bloom during the last week of the month. Apple trees came into bloom over the section during the third decade, except in Allegany and Garrett Counties. Little or no damage resulted to fruit-buds in the section. Strawberries were blooming in the southern portion of the section during the third decade. The weather of the month was especially favorable for outdoor work.

A tornado occurred within the section on the 5th, and is described in the following article. There were violent thunder-storm gusts, locally, in New Castle County, Del., also on the 5th, and some damage to farm houses, barns, sheds, telephone and telegraph poles, etc., resulted.—J. B., jr.

TORNADO AT SILVER SPRING.

On the afternoon of the 5th, about 2:30 to 3:00, a tornado traversed the northern part of the District of Columbia, the southeastern part of Montgomery County, Md., and the northwestern part of Prince Georges County.

The first damage occurred in Rock Creek Park, west of the creek, where many fine trees were destroyed. The creek was

crossed not quite a mile directly south of the north corner of the District, and the storm continued northeastward, crossing the State line in a region of fields and pastures. The railroad tracks and the important Brookeville Road were crossed a quarter-mile north of Silver Spring station, at a point where, fortunately, there were but few houses in the way. The path continued to northeastward across fields and woods. There was injury to buildings near the Montgomery-Prince Georges County line, in the vicinity of Avenel, about three miles from Silver Spring; also about one mile northwest of the railroad station at Beltsville; and again near Muirkirk.

In all, the storm traveled about 11 miles, in direction between northeast and east-northeast. The path was from 100 to 250 yards wide. Some eye-witnesses saw the dark, funnel-shaped, whirling clouds; and the wreckage, especially of the trees, clearly indicates rotary winds of great violence.

Four persons were seriously hurt, seven houses were demolished, and about a dozen more suffered some damage. The property loss was about \$100,000. Hundreds of trees, some very large, were uprooted, broken, or twisted and torn, but their marketable value was very little; however, considerable expense and many years will be needed to replace the shade trees that were ruined.—H. C. H.

HEAVY RAINS AND FLOODS.

On the afternoon and night of the 28th, a torrential downpour, over the eastern portions of the District of Columbia and adjacent areas in Maryland, caused unusual floods in the local small streams, and resulted in the loss of two lives, by drowning, and much damage to roads, bridges, buildings, etc.

At the Weather Bureau Office, in the western part of the city, rain began slightly before 1 p. m. and continued until nearly 10 p. m., the total fall during the period being 1.40 inches. The rate of fall was not excessive at any time, although heaviest between 7 and 9 p. m. Toward the east, however, the amounts of fall appear to have increased rapidly, and in the vicinity of Anacostia, Congress Heights, and Twinning City the falls ranged up to nearly 4 inches, as shown by gages maintained under the supervision of the Washington Sewer Department.

As nearly as can be ascertained, the heaviest rain in the flooded area occurred between 7:45 and 8:20 p. m., but in the absence of any automatic gages in the immediate vicinity the rate of fall can not be determined, but this must have been far above that shown by the nearest recording gage located at First and O Streets SE., where only 0.70 inch was recorded in the 35-minute period noted above.

From the visible effects of the downpour and the resulting flood, the fall in the drainage areas of the several streams affected must have been far greater than at the points where measurements were made, since measured falls materially in excess of those reported during this storm have occurred in the past without producing floods comparable with those of the 28th.—P. C. D.

PRESSURE.

The monthly mean sea-level pressure at Washington, D. C., and at Baltimore was 30.00 inches. The highest at Washington was 30.74, at Baltimore, 30.75, and at Aberdeen, 30.71 inches, all on the 1st. The lowest at Washington was 29.37, at Baltimore, 29.36, and at Aberdeen, 29.33 inches all on the 28th.

Climatological Data for April, 1923.

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.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmeted).	With precip. 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	
<i>Maryland.</i>																		
Aberdeen.....	Harford.....	80	5	51.0	.....	83	20	13	1	35	4.13	.....	1.95	T.	9	9	9	12 s.
Annapolis.....	Anne Arundel.....	45	55	51.7	-1.7	82	20+	13	1	37	4.20	+0.46	1.75	T.	10	15	8	7 s.
Baltimore*.....	115	53	58.6	0.0	84	20	15	1	31	3.68	+0.41	1.26	0.5	T.	9	13	7	10 s.
Bellif.....	Prince Georges.....	151	3	51.6	.....	83	21	8	1	42	6.82	.....	4.05	T.	9	18	5	7 nw.
Boyds.....	Montgomery.....	424	4	51.8	.....	84	20	11	1	49	3.62	.....	1.80	1.5	8	16	9	5 s.
Cambridge.....	Dorchester.....	25	26	53.1	-1.8	80	21	17	1	33	5.53	+1.83	1.71	0.0	8	20	5	5 sw.
Cecilton*.....	Cecil.....	85	5	52.0	.....	82	21	14	1	33	6.62	.....	4.30	T.	9	18	2	10 sw.
Cheltenham.....	Prince Georges.....	230	23	53.4	-0.5	84	20+	12	1	39	4.19	+0.17	1.57	T.	10	15	5	10 sw.
Chesapeake City.....	Cecil.....	17	4	.....	.....	.....	.....	.....	.....	5.68	.....	3.00	T.	8	15	7	8 s.	
Chewsville.....	Washington.....	530	26	49.0	-1.7	82	21	9	1	41	2.34	-0.50	0.82	0.7	7	15	11	4 nw.
Clear Spring.....	do.....	500	24	.....	.....	81	20	12	1	.....	2.41	-0.98	0.65	7.0	7	17	9	4
Coleman*.....	Kent.....	80	24	52.8	-0.2	82	20+	13	1	39	5.08	+1.57	2.75	T.	9	19	4	7 sw.
College Park.....	Prince Georges.....	170	37	52.4	-0.4	84	20	11	1	48	3.56	+0.07	1.44	T.	9	18	5	7 nw.
Costen*.....	Somerset.....	21	2	.....	.....	.....	.....	.....	.....	5.95	.....	2.60	0.0	9	16	6	8 nw.	
Crisfield.....	do.....	5	5	53.6	.....	78	21	19	1	29	7.09	.....	2.58	0.0	9	12	12	6 nw.
Cumberland.....	Allegany.....	623	50	51.6	-0.2	86	20	9	1	49	4.17	+1.44	1.73	2.5	7	20	4	6 nw.
Darlington.....	Harford.....	300	33	50.7	-0.9	82	20+	11	1	37	3.81	+0.51	1.54	1.0	9	16	7	7 w.
Easton.....	Talbot.....	35	33	53.8	+0.4	82	20+	16	1	35	4.14	+0.89	1.57	T.	8	18	4	8 s.
Emmitsburg.....	Frederick.....	720	55	52.0	+0.3	82	20	11	1	35	2.45	-0.94	0.76	1.5	10	16	10	4 Mt. St. Mary's College.
Fallston*.....	Harford.....	450	54	50.5	-0.1	82	20+	10	1	37	3.61	+0.69	1.21	1.5	9	15	8	7 s.
Ferry Landing*.....	Calvert.....	45	7	53.3	.....	83	20+	14	1	35	2.86	.....	1.00	T.	8	15	7	8 se.
Frederick.....	Frederick.....	275	49	53.2	+0.6	88	21	13	1	44	2.97	-0.42	0.94	1.6	10	17	5	8 sw.
Freeland.....	Baltimore.....	681	4	49.2	.....	82	21	9	1	45	4.21	.....	1.70	2.0	9	18	5	7 w.
Friendsville.....	Garrett.....	1,501	5	47.4	.....	83	21	1	1	49	5.65	.....	1.71	3.0	8	10	12	8 sw.
Frostburg.....	Allegany.....	1,929	22	49.3	-0.7	78	21	5	1	39	4.50	+0.77	1.19	2.5	9	21	4	5 w.
Grantsville.....	Garrett.....	2,351	29	43.8	-2.1	78	21	-3	1	52	5.04	+1.43	1.51	10.0	9	12	7	11 w.
Great Falls*.....	Montgomery.....	200	32	53.2	+0.4	86	21	14	1	45	3.08	+0.02	1.06	1.5	8	15	8	7
Hancock.....	Washington.....	455	13	.....	.....	.....	.....	.....	.....	2.50	-0.64	0.71	1.0	8	19	7	4 nw.	
Keedysville.....	do.....	400	20	51.9	-1.2	86	20+	10	1	50	.....	.....	2.01	T.	8	20	3	7 nw.
La Plata.....	Charles.....	190	7	53.0	.....	86	20	15	1	42	4.44	.....	2.10	0.0	9	17	6	7 s.
Laurel.....	Prince Georges.....	320	24	51.6	-0.9	83	20	11	1	39	3.34	-0.31	0.83	0.8	10	18	5	7 w.
Millington.....	Kent.....	27	26	52.4	-0.8	82	20+	14	1	39	4.35	+0.74	1.78	T.	9	19	6	5 s.
Oakland.....	Garrett.....	2,461	24	45.4	-2.5	78	21	-2	1	52	4.81	+0.28	1.15	1.2	10	12	6	6 w.
Princess Anne.....	Somerset.....	17	48	52.2	-2.2	81	20	17	1	37	4.58	+1.24	1.65	0.0	8	16	8	6 sw.
Public Landing*.....	Worcester.....	10	8	51.0	.....	80	20+	16	1	34	5.94	.....	2.10	0.0	9	17	6	7 s.
Ridewood.....	Baltimore.....	370	4	49.6	.....	81	20	10	1	40	2.64	.....	0.63	3.2	9	19	3	8 s.
Ridgely.....	Caroline.....	57	2	52.8	-0.1	82	20+	15	1	38	4.05	+0.79	1.58	T.	8	18	5	7 sw.
Rock Hall.....	Kent.....	25	8	52.4	.....	82	20	14	1	34	4.82	.....	2.35	T.	11	18	5	7 s.
Salisbury.....	Wicomico.....	23	18	53.2	-1.2	82	20+	15	1	38	4.18	+0.90	0.0	0	9	17	5	8 s.
Solomons.....	Calvert.....	20	32	52.9	-1.1	81	20	17	1	41	3.48	+0.55	1.05	0.0	9	8	6	16 se.
State Sanatorium.....	Frederick.....	1,460	15	50.0	-1.1	80	21	7	1	33	2.29	-1.51	0.60	1.5	7	17	7	6 sw.
Takoma.....	Montgomery.....	320	25	52.6	0.0	84	21	13	1	36	3.38	-0.15	1.12	T.	8	14	8	8
Western Port.....	Allegany.....	1,000	30	51.7	+0.3	83	21	7	1	49	4.21	+1.28	1.15	2.5	7	.....	.....	.....
Westminster.....	Carroll.....	770	14	51.0	-1.1	83	21	9	1	37	3.86	+1.32	1.46	2.0	9	15	9	6 Prof. S. P. Caltrider.
Woodstock.....	Baltimore.....	415	53	52.0	-0.3	82	20	12	1	41	3.26	+0.11	1.05	2.0	10	14	7	9 Rev. Henry M. Brock, S.J.
<i>Dist. of Columbia.</i>																		
Washington*.....	.....	112	53	58.6	+0.8	85	21	15	1	36	3.94	+0.69	1.40	T.	7	14	8	8 s. U.S. Weather Bureau.
<i>Delaware.</i>																		
Delaware City.....	Newcastle.....	10	37	51.7	-0.3	82	21	14	1	35	5.67	+2.41	3.88	T.	8	19	5	6 nw.
Dover.....	Kent.....	34	34	51.8	-1.4	83	21	14	1	34	3.80	+0.30	1.22	T.	8	18	5	7 sw.
Milford.....	do.....	20	41	53.0	-1.0	83	20+	15	1	38	4.20	+0.85	1.17	T.	8	16	7	7 s.
Millsboro.....	Sussex.....	20	31	51.4	-1.2	83	20	15	1	39	3.45	-0.09	0.96	0.0	8	18	5	7 se.
Seaford.....	do.....	40	32	52.6	-0.4	82	20	15	1	38	3.78	+0.24	1.13	0.0	9	18	4	8 s.
Wilmington.....	Newcastle.....	86	30	51.7	-1.2	82	20+	11	1	38	4.45	+1.07	2.25	0.5	8	17	5	8 sw. Street and Water Depts.
For Maryland and District of Columbia*.....	.....	.....	.....	51.5	-0.7	88	21	-3	1	52	4.15	+0.82	4.30	1.1	9	15	7	8 s.
For Delaware.....	.....	.....	.....	52.0	-1.0	88	20+	11	1	39	4.22	+0.79	3.88	0.1	8	18	5	7 s.
For entire section.....	.....	.....	.....	51.5	-0.8	88	21	-3	1	52	4.16	+0.82	4.30	1.0	9	18	7	7 s.

TEMPERATURE.

The monthly mean for the section, 51.5° , is 0.8° below normal. The highest monthly mean, 53.8° , occurred at Easton, and the lowest, 43.4° , at Oakland. The highest temperature recorded was 88° at Frederick on the 21st, and the lowest, -3° , at Grantsville on the 1st. The greatest local monthly range was 82° at Friendsville, and the least, 59° , at Crisfield. The greatest daily range was 52° at Grantsville on the 7th, 26th, and 27th, and at Oakland on the 7th.

PRECIPITATION.

The monthly average for the section, 4.16 inches, is 0.82 inch above normal. The greatest monthly amount was 7.09 inches at Crisfield, and the least, 2.29 inches at State Sanatorium. The greatest amount in 24 hours was 4.30 inches at Cecilton on the 28-29th. The monthly average snowfall, 1.0 inch, is normal. The greatest monthly amount was 10.0

inches at Grantsville. The average number of days with 0.01 inch or more of precipitation, 9, is 1 day below normal.

WIND.

The prevailing direction of the wind was south. The total wind movement at Washington, D. C., was 5,866 miles; at Baltimore, 5,096 miles; and at Aberdeen, 6,898 miles. The maximum velocity at Washington, D. C., was 33 miles per hour from the west on the 5th; at Baltimore, 31, and at Aberdeen, 38 miles, both from the northeast on the 14th.

SUNSHINE AND CLOUDINESS.

At Washington, D. C., 72 per cent of the possible sunshine was recorded; at Baltimore, 67 per cent, and at Aberdeen, 68 per cent. For the whole section the average number of clear days was 16; partly cloudy, 7; cloudy, 7.

APRIL, 1923.

CLIMATOLOGICAL DATA: MARYLAND AND DELAWARE SECTION.

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Daily Precipitation for April, 1923.

Stations.	Watersheds.	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	
<i>Maryland.</i>																																	
Aberdeen a.....	Atlantic.....	.05	.86	.561662	.87	.06	T.	1.93	.02	T.	4.18		
Annapolis.....	do.....	.02	.85	.0404	.1048	.69	.23	T.36	1.39	4.20		
Baltimore***.....	do.....	.03	.68	.44	.....	.....	.06	.....	.....	.76	.76	.03	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.90	T.	3.68
Bell.....	do.....	.07	.98	.04	.....	.17	.....	.....	.....	.56	.59	.36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.16	3.89	.....	6.82
Boyds.....	do.....	T.	1.80	.05	.....	.02	.....	.....	.....	.63	.54	.33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.15	.....	3.62
Cambridge.....	do.....	1.71	.151970	.33	.4561	1.39	5.53		
Cecilton.....	do.....	.....	.98	.08	.....	.17	.02	.....	.....	.48	.52	.12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.25	3.06	.....	6.62
Chesterham.....	do.....	11	.78	.04	.....	.05	.03	.....	.....	.69	.62	.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	1.25	.....	4.19
Chesapeake City.....	do.....	T.	.80	.60	.....	.18	.....	.....	.....	.35	*.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.48	2.52	.....	5.68
Chewsville.....	do.....	T.	.82	.....	T.	.....	.....	.....	.49	.27	.08	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.27	.43	.....	2.34
Clear Spring.....	do.....	*	.65	.....	T.	.....	.....	.....	.35	.40	.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.27	.29	.....	2.41
Coleman.....	do.....	.06	.80	.....	.15	.....	.....	.....	.45	.52	.17	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.18	*.27	.....	5.08
College Park.....	do.....	10	.67	.06	.....	.04	.....	.....	.52	.34	.39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.35	1.09	.....	3.56
Costen.....	do.....	.02	.54	.07	.....	.12	.....	.....	.24	.18	.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.49	1.67	.....	5.95
Crisfield.....	do.....	T.	.66	.24	.....	.12	.....	.....	.25	.11	.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.55	*.27	.....	7.09
Cumberland|||.....	do.....	.....	.20	.32	.....	T.	.....	.....	.02	1.50	.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.17	1.70	.03	4.17
Darlington.....	do.....	10	1.53	.01	.....	.69	.....	.....	*	.97	.06	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.15	1.05	.....	3.81
Easton.....	do.....	T.	.90	.66	.....	.24	.....	.....	.63	.47	.27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.35	1.22	.....	4.14	
Eminitsburg.....	do.....	.07	.76	.....	.02	.....	.....	.....	.60	.10	.11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.10	.32	.05	2.46	
Fallston.....	do.....	14	1.21	.....	.14	.....	.....	.....	.55	.62	.10	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	.41	.43	3.61	
Ferry Landing.....	do.....	.08	.48	.....	.04	.....	.....	.....	.58	.52	.16	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.40	.....	2.86
Frederick.....	do.....	T.	.10	.46	.01	.02	.....	.....	.54	.68	.21	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	.73	.21	.....	2.97
Freeland.....	do.....	*	1.50	.....	.10	.....	.....	.....	.40	.40	.10	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	*.70	.....	4.21	
Friendsville.....	Ohio.....	T.	.60	.52	.18	T.	.....	.....	.78	1.71	.39	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.43	0.4	.....	5.65	
Frostburg.....	Atlantic.....	.01	.53	.17	T.	.....	.....	.....	.80	1.16	.62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.79	.40	.02	4.50	
Grantsville.....	Ohio.....	17	.53	.22	.....	.04	.....	.....	1.02	1.00	.15	T.	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.40	T.	1.51	T.	5.04
Great Falls|||.....	Atlantic.....	18	.22	.49	.....	.08	.16	.....	.....	.10	.06	.52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.47	.....	3.08	.....	3.08
Hancock.....	do.....02	.24	.35	2.50		
Kedeysville.....	do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.35	1.66	.....	4.44
La Plata.....	do.....	22	.57	T.	.0920	.90	2.10		
Laurel.....	do.....	T.	.10	.88	.05	.....	.16	.....	.....	.50	.57	.38	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.20	.54	.....	8.84
Millington.....	do.....	.07	.88	.03	.....	.15	.03	.....	.60	.65	.16	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	1.93	.....	4.35	
Oakland.....	Ohio.....	.05	15	.49	.21	T.	.....	.....	.....	1.15	.50	.60	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.82	1.12	.....	4.31	
Princess Anne.....	Atlantic.....	.60	.26	.....	.15	.....	.....	.....	1.65	.40	.24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.56	.72	.....	4.53	
Public Landing.....	do.....	.02	.19	.....	.34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.21	.32	.....	5.94	
Ridderwood.....	do.....	T.	.09	.56	.....	.10	.....	.....	.51	.59	.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.03	*.68	.....	2.64	
Ridgely.....	do.....	T.	.10	.85	.08	.....	.25	.....	.55	.46	.18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.78	.80	.....	4.05	
Rock Hall.....	do.....	.03	.91	.03	.....	.10	.....	.....	.45	.70	.23	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	1.05	.....	4.82		
Satisbury.....	do.....	.....	.....	.....	.....	1.12	.....	.....	.....	1.70	.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.36	.72	.....	4.18		
Solomons.....	do.....	.06	1.05	.02	.....	.09	T.	.....	.73	.21	.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.37	.72	.....	3.48		
State Sanatorium.....	do.....	T.	.60	.....	T.	.....	.....	.....	.50	.15	.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.10	.....	.23	.41	T.	2.29
Takoma|||.....	do.....	.05	.27	.29	.....	.05	.10	.....	.....	1.00	.50	.....	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.25	*.12	.....	3.88	
Western Port.....	do.....	*	30	.....	T.	.....	.....	.....	.....	1.82	.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.07	1.15	.....	3.82		
Westminster.....	do.....	T.	.18	.98	.....	.01	.....	.....	.61	.50	.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.07	1.26	.....	3.86		
Woodstock.....	do.....	13	1.05	.05	.....	.09	.....	.....	.55	.65	.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01	2.1	.32	.....	3.26	
<i>District of Columbia.</i>																																	
Washington***.....	Atlantic.....	T.	.45	.23	.....	.08	T.	.....	.....	.83	.85	.10	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.40	.....	.....	3.94
<i>Delaware.</i>																																	
Delaware City.....	Atlantic.....	.....	71	.02	.....	.14	.....	.....	.33	.54	.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*.88	T.	5.67	
Dover.....	do.....	1.17	.17	.02	.....	.20	.....	.....	.53	.49	.17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.17	1.22	.....	3.80	
Milford.....	do.....	.....	1.17	.19	.....	.29	.....	.....	.60	.60</td																				

Daily Temperatures for April, 1923.

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
<i>Maryland.</i>																																
Aberdeen	33	52	67	69	69	62	67	59	49	55	64	59	48	43	42	59	57	55	59	83	80	78	64	61	67	65	74	71	64	67	61.4	
	Maximum	33	52	67	69	69	62	67	59	49	55	64	59	48	43	42	59	57	55	59	83	80	78	64	61	67	65	74	71	64	67	40.7
Annapolis	34	47	68	62	63	63	62	60	54	60	61	60	49	42	56	59	59	58	82	82	80	80	65	71	70	66	67	63	69	62.2		
Baltimore (U.S. W.B.)	13	29	42	48	50	44	37	50	29	51	37	42	45	33	30	35	35	34	45	49	61	55	36	45	41	42	57	55	44	41.2		
Bell	37	52	69	64	64	63	55	62	58	50	44	61	59	57	58	62	84	89	79	67	64	70	77	71	69	69	62.7					
Bell	15	27	45	56	58	44	43	38	35	38	43	47	44	31	32	40	43	41	38	53	56	61	49	44	48	46	48	61	56	50	44.4	
Bell	8	17	41	57	58	44	29	52	26	25	30	36	40	31	30	37	29	28	30	43	41	61	56	34	42	37	36	60	55	40	38.4	
Boyd's	39	60	70	74	74	68	69	61	60	67	66	60	49	41	59	57	63	84	89	79	76	65	71	70	77	71	64	70	69	65.9		
Cambridge	39	53	66	68	65	67	65	61	54	65	61	54	50	45	63	60	57	63	75	80	78	75	64	70	67	73	70	64	69	68.5		
Cambridge	17	20	42	58	50	47	38	52	34	33	37	44	41	35	34	39	40	41	39	48	51	60	56	42	48	43	44	59	50	45	42.7	
Cecilton	35	54	70	78	73	60	69	65	58	59	65	63	54	44	40	60	55	54	60	81	82	75	68	61	67	66	67	74	64	65	62.7	
Chester	14	24	42	55	58	44	38	53	31	31	36	42	37	32	33	35	34	38	48	51	55	54	38	42	53	54	46	41.2				
Cheltenham	38	58	69	73	75	62	72	70	54	59	68	65	60	48	39	60	58	60	68	84	84	81	78	65	68	76	74	66	70	65.7		
Chesapeake	12	22	44	55	58	45	33	54	28	23	38	39	41	33	32	32	34	34	45	55	59	55	39	43	40	42	63	65	53	42	41.1	
Chesapeake	85	57	69	66	65	68	71	60	52	59	60	65	55	45	40	56	55	61	81	82	75	70	69	65	75	72	63	65	62.6			
Chesapeake	9	24	28	48	49	39	30	27	21	28	30	35	42	30	28	32	33	27	30	41	54	53	58	52	49	38	35	51	48	39	35.5	
Coleman	87	54	68	69	73	63	69	65	58	66	52	45	42	61	57	55	52	46	82	78	72	61	68	68	76	72	64	67	63.3			
College Park	13	25	43	48	54	44	40	45	33	33	46	38	32	32	36	38	39	36	49	50	61	54	41	47	48	43	56	55	50	42.2		
College Park	40	58	70	76	71	62	72	72	60	67	66	61	50	41	52	59	59	70	84	82	80	76	75	70	76	76	65	69	66.2			
College Park	11	18	37	57	59	44	30	53	28	26	30	37	39	32	31	38	31	31	40	59	57	59	43	47	43	37	36	67	50	40	38.7	
Crisfield	95	55	69	72	68	67	65	56	55	65	66	61	57	59	57	59	77	78	77	73	64	68	66	69	70	65	71	63	68	63.8		
Crisfield	19	26	43	54	53	49	38	40	34	31	39	47	48	36	35	40	41	39	48	54	59	56	41	48	39	45	59	52	51	43.4		
Cumberland §§	44	67	72	74	64	63	81	67	57	62	71	75	58	37	39	57	57	59	77	86	84	76	63	65	70	70	70	81	62	68	72	65.8
Darlington	9	19	30	38	34	39	32	39	32	32	40	44	35	28	31	36	32	34	32	48	43	53	55	32	43	35	40	47	49	45	37.5	
Darlington	42	52	68	70	68	59	65	62	50	57	64	59	55	44	40	60	55	62	82	82	75	68	61	66	71	73	72	68	67	62.5		
Easton	85	57	69	66	65	68	71	60	52	59	60	68	63	54	50	63	62	69	81	82	78	62	66	76	74	66	70	69	64.9			
Frederick	16	25	44	58	58	46	37	53	34	32	38	43	40	34	34	39	39	40	38	47	50	59	54	41	46	40	42	60	55	43	42.7	
Frederick	34	51	67	71	61	60	68	64	51	55	65	61	55	45	41	46	48	50	55	62	81	82	76	72	69	74	73	66	66	63.0		
Freeland	52	67	71	61	60	68	64	51	55	65	63	59	45	38	36	41	46	48	51	54	61	80	82	71	61	71	68	70	64	62.5		
Friendsville	41	65	66	68	59	56	76	67	47	54	64	68	58	48	41	47	49	42	48	53	68	76	73	63	69	79	61	64	61.9			
Frostburg	41	67	69	62	59	66	66	45	54	64	69	66	46	44	49	50	55	61	68	77	75	72	62	64	78	74	68	62	62.1			
Frostburg	5	15	33	51	51	32	27	31	31	36	48	28	24	21	24	31	32	35	34	35	47	55	46	47	49	47	50	50	46	40.9		
Grantsville	29	60	63	64	57	57	71	61	42	52	61	66	54	40	35	40	45	45	48	64	73	78	66	65	71	72	64	67	61.7			
Great Falls	10	21	30	49	55	41	39	48	28	32	34	43	37	29	25	29	25	27	41	35	35	40	23	30	21	25	50	40	40	29.4		
Great Falls	38	60	72	77	73	62	74	72	58	62	69	68	63	47	41	64	61	59	71	85	82	82	73	70	70	70	77	65	73	64.1		
Hancock	Maximum	89	60	72	75	67	64	74	74	55	62	72	68	59	48	43	61	58	58	75	86	86	80	70	69	73	71	80	75	67	69	67.0
Keddysville	Minimum	10	24	34	51	52	40	30	42	29	31	31	38	45	33	28	30	42	40	55	52	29	31	30	30	30	31	61	48	42	36.8	
La Plata	Minimum	57	63	65	67	60	67	61	58	59	49	41	60	54	56	55	38	36	34	41	54	61	80	82	71	64	68	77	76	68	64.6	
Laurel	Minimum	9	15	31	44	55	39	29	47	26	24	39	26	34	32	30	34	37	34	42	37	55	51	36	34	31	36	41	48	35.9		
Laurel	Maximum	41	65	66	68	59	56	76	71	67	64	68	63	57	54	47	43	48	53	58	59	53	49	41	46	43	41	51	41	39.8		
Millington	Maximum	96	58	73	76	70	62	58	58	58	59	51	45	42	40	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	64.0	
Millington	Minimum	14	23	41	55	58	48	36	50	31	27	37	44	43	36	36	39	36	39	44	43	46	55	56	55	55	55	55	55	55	61.8	
Riderwood	Minimum	87	51	69	72	62	66	69	63	51	55	64	58	49	44	39	35	34	35	34	42	49	50	41	41	41	41	41	41	41	41.4	
Ridgely	Minimum	10	24	30	55	55	39	31	40	28	26	31	38	30	31	32	32	32	32	40	42	45	40	46	46	46	46	46	46	37.4		
Ridgely	Maximum	85	53	69	71	76	68	65	61	57	65	60	54	49	42	39	35	34	35	34	42	49	51	40	41	41	41	41	41	41	63.9	
Rock Hall	Maximum	36	53	68	71	72	64	68	65	57	58	65	62	57	47	43	49	50	55													