U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

IN COOPERATION WITH MARYLAND STATE WEATHER SERVICE

CLIMATOLOGICAL DATA

G. N. BRANCATO

PRICE: 5 CENTS A COPY; 25 CENTS A YEAR

VOL. LII BALTIMORE, MD., FEBRUARY 1948 No. 2

GENERAL SUMMARY

Wintry cold weather continued during the first 11 days of the month, with the mean temperature averaging about 8° below normal. Warmer weather with temperatures mild for the season followed during the 12th-16th. A warm spell with maximum temperatures in the upper 60's or lower 70's prevailed from the 17th to the 20th. The weather was cold again from the 21st to the 24th. Warm, showery weather marked the 26th-28th. Maximum temperatures on the 28th ranged from the 50's over the extreme northeast portion of the section to the 70's elsewhere, except in the lower 80's in the District of Columbia and southern Maryland. Partly cloudy, windy, colder weather marked the last day of the month. Departures from normal temperatures were not consistent in any area.

Monthly precipitation was light; it averaged 2.27 inches, 0.60 inch below normal, for the section as a whole. Most of the rain and snow fell during the first half of the month. Heavy snow fell on the 22d. Light to moderate rains fell on the 26th and during the 27th-28th. The greatest deficiencies in precipitation were from Frederick County eastward to Baltimore County and southeastward to the northern part of Prince Georges County. Some stations in the extreme eastern and western portions of the section had slightly above normal precipitation. Well over one half of the month's precipitation fell between the fourth and fourteenth.

Monthly snowfall for the section averaged 10.5 inches, 3.4 inches above normal. Light to moderate snow fell on the 4th-5th, except it was heavy, 8 to 10 inches, in western Allegany and Garrett Counties, and from Baltimore County eastward to and including New Castle County. Snowfall was light over the section on the 6th and 7th, over the northern and central portions of the section on the 8th, over the section except Allegany and Garrett Counties on the 11th, and over western Maryland on the 12th. Snowfall overspread the section again on the 22d; it was light to moderate, except heavy (6 to 8.5 inches) in Garrett, Allegany, and Washington Counties, in the central portion of the Del-Mar area, and locally in Charles County.

The ground was snow-covered during the 1st-15th over the northern portion and during the 1st-12th over the southern portion of the section; also on the 22d-24th over the entire section, and also on the 25th in the mountain districts.

Monthly snowfall increased from 0.2 inch at Crisfield, Maryland, northward to 14 inches at Newark, Delaware, and northwestward to 12 inches in central Frederick County. West of Frederick County, the monthly snowfall increased to 22 inches in the highlands of Garrett County.

TEMPERATURE

The monthly mean temperature for the section, as well as for Maryland and Delaware, *was 34.4 degrees, 0.5 degree above normal; for Maryland, this was 0.5 degree* above normal; and for Delaware it was 0.3 degree above normal.

For Maryland, the monthly mean temperature varied from 40.7 degrees at Crisfield to 28.6 degrees at Sines. The highest temperature was 82 degrees on the 28th at Charlotte Hall and Cheltenham, and the lowest was 11 degrees below zero on the 9th at Oakland. The greatest local monthly temperature range was 82 degrees at Hancock, ranging from 76 degrees on the 28th to 6 degrees below zero on the 1st. The least local monthly temperature range was 47 degrees at Crisfield, with variations from 64 degrees on the 18th to 17 degrees on the 10th.

For Delaware, the monthly mean temperature varied from 37.6 degrees at Millsboro to 31.0 degrees at Wilmington. The highest temperature was 76 degrees on the 28th at Bridgeville and the lowest was 3 degrees below zero on the 7th at Newark (College Farm). The greatest local monthly temperature range was 70 degrees at Newark (College Farm), it having a high reading of 67 degrees on the 19th and a low reading of 3 degrees below zero on the 7th. The least local monthly range was 59 degrees at Lewes, with a maximum of 71 degrees on the 19th and a minimum of 12 degrees on the 2d.

PRECIPITATION

The monthly average for the section was 2.27 inches, 0.60 inch below normal; for Maryland, 2.18 inches, 0.63 inch below normal; and for Delaware, 2.76 inches, 0.44 inch below normal.

For Maryland, the monthly precipitation was greatest at Sines with 4.24 inches, and least at Hagerstown with 1.05 inches. The greatest 24-hour rainfall was 1.69 inches on the 4th-5th at Great Falls.

For Delaware, the monthly precipitation was greatest at Dover with 3.37 inches, and least at Wilmington (Porter Reservoir) with 2.21 inches. The greatest 24-hour rainfall was 1.32 inches on the 22d at Bridgeville.

The monthly average snowfall for the entire section was 10.5 inches.

For Maryland, the *greatest monthly snowfall was 21.7 inches at Sines*, and the greatest local 24-hour snowfall was 10.5 inches on the 4th-5th at Oakland.

For Delaware, the greatest monthly snowfall was 14.4 inches at Newark (Pumping Station), and the greatest local 24-hour snowfall was 9.5 inches on the 4-5th at Newark (College Farm).

PRESSURE, HUMIDITY, SUNSHINE, WIND, DEGREE DAYS

Stations	Atmospheric pressure reduced to sea level: Highest	Date	Lowest	Date	Wind: Average hourly velocity	Maximum velocity	Direction	Date	Mean relative humidity: 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Heating degree days (base 65°)
Aberdeen, Md	30.82	24	29.24	14	.....	....	.....	....	88	74	77	....	979
Annapolis, Md.	30.88	24	29.35	14	8.4	..	.....	...	75	63	68	....	865
Baltimore, Md.	30.88	24	29.33	14	9.2	44	w.	14	78	56	67	....	820
Elkins, W. Va.	30.68	24	29.33	14	7.9	41	w.	14	88	62	72	48	884
Harrisburg, Pa.	30.89	24	29.31	14	7.6	34	nw.	14	77	60	64	63	1011
Norfolk, Va.	30.78	24	29.49	14	11.6	34	nw.	14	85	67	75	51	638
Philadelphia, Pa.	30.90	24	29.29	14	8.3	21	nw.	29	86	64	73	56	914
Pittsburgh, Pa.	30.60	24	29.21	14	10.8	36	sw.	14	77	59	68	52	881
Washington, D.C.	30.90	24	29.37	14	7.5	33	nw.	14	80	55	60	63	797

COMPARATIVE DATA FOR FEBRUARY

Year	FOR MARYLAND: Temperature: Mean	Highest	Lowest	Precipitation: Average	Average snowfall	No. of days with .01 in. or more	FOR DELAWARE: Temperature: Mean	Highest	Lowest	Precipitation: Average	Average snowfall	No. of days with .01 in. or more
1895	24.5	67	−18	1.26	11.1	5	24.7	62	— 4	1.61	11.3	6
1896	34.5	66	−12	5.34	2.7	9	35.8	66	0	**6.31**	1.0	10
1897	34.6	68	0	**5.47**	7.9	10	36.0	59	10	5.12	2.7	10
1898	33.4	70	— 6	1.58	2.1	5	36.0	65	0	2.00	**T.**	5
1899	26.1	75	−26	5.30	**28.8**	**12**	27.7	65	−14	6.15	**30.3**	**13**
1900	31.7	72	−15	4.74	8.3	9	33.1	69	3	4.24	10.0	11
1901	27.3	69	— 6	**0.70**	3.2	**4**	28.2	52	1	**1.00**	1.0	**3**
1902	27.3	68	−17	4.51	6.0	8	28.9	62	6	4.82	12.8	8
1903	35.6	73	−12	4.87	5.9	10	37.2	69	— 1	5.57	2.5	10
1904	27.0	70	−15	1.73	3.7	7	28.3	65	— 1	2.25	5.0	6
1905	25.3	53	−20	2.65	10.1	9	26.4	53	— 6	4.07	5.6	10
1906	33.1	68	−15	2.42	5.7	7	34.6	68	— 5	3.71	4.4	8
1907	27.9	59	**−29**	2.38	16.0	7	29.1	57	— 5	2.38	10.6	8
1908	29.3	68	−15	4.16	14.7	10	32.1	68	3	4.30	4.1	8
1909	**41.6**	75	4	3.55	4.8	11	**43.3**	76	7	3.50	2.4	11
1910	32.9	74	— 6	2.41	5.2	9	36.1	73	3	1.46	3.2	7
1911	35.3	74	— 8	1.92	7.1	9	36.4	68	17	2.03	5.6	8
1912	29.3	65	−18	2.49	1.8	7	31.4	68	5	2.81	0.5	7
1913	34.1	72	0	1.46	2.3	7	36.0	73	12	1.74	0.9	7
1914	28.3	68	−28	2.81	14.9	9	31.4	64	1	2.62	10.0	8
1915	37.1	72	−15	4.38	2.4	8	39.7	72	15	4.22	1.7	8
1916	31.9	69	−11	3.27	7.9	9	32.9	67	2	3.52	5.0	9
1917	31.6	76	−18	2.18	7.1	8	31.7	69	— 1	2.29	2.7	8
1918	33.6	70	−15	1.56	2.4	6	33.4	71	−10	1.17	1.4	6
1919	35.5	70	— 3	2.36	3.2	10	36.2	69	14	2.89	0.4	9
1920	31.4	62	— 5	3.97	12.5	**12**	31.8	58	1	5.44	7.3	10
1921	37.7	77	−15	2.86	9.8	10	38.2	71	10	3.33	7.0	10
1922	37.2	79	−11	3.14	7.0	**12**	37.8	73	1	3.38	8.9	11
1923	30.7	70	— 9	2.79	6.9	11	30.9	61	6	2.91	9.0	11
1924	32.3	68	−13	3.44	11.1	9	33.3	67	12	3.76	8.0	8
1925	40.8	75	— 2	1.54	**0.1**	7	43.0	74	13	2.18	**T.**	7
1926	34.2	68	— 5	3.99	16.2	**12**	35.5	65	8	3.92	11.9	10
1927	39.9	73	15	3.86	8.4	11	40.9	69	22	3.57	3.6	8
1928	35.4	66	0	2.78	1.2	9	36.1	63	9	3.20	1.2	9
1929	32.7	72	1	3.57	11.0	9	35.0	71	11	4.65	8.5	10
1930	39.2	85	−20	2.06	2.8	9	40.2	**82**	— 3	2.04	3.1	10
1931	36.5	65	7	1.69	0.8	8	37.3	62	14	1.54	0.2	7
1932	40.5	**88**	8	2.31	0.2	8	40.8	79	15	2.70	**T.**	8
1933	35.9	70	— 8	2.93	7.7	11	38.1	68	8	3.68	9.3	10
1934	**22.5**	60	−25	2.80	18.0	9	**23.0**	57	**−15**	4.12	20.1	9
1935	33.0	69	−12	2.63	6.8	9	34.2	64	— 4	3.30	5.3	8
1936	26.6	70	−20	3.73	15.2	10	27.6	68	— 3	4.57	13.6	10
1937	34.6	72	0	3.25	8.8	**12**	36.8	69	14	2.78	5.3	12
1938	38.8	76	4	2.52	2.1	9	39.6	72	15	2.61	2.3	8
1939	39.4	76	0	5.15	1.4	**12**	41.2	75	13	5.70	**T.**	12
1940	34.2	66	— 4	2.93	8.1	11	34.6	64	2	3.00	7.9	11
1941	31.3	60	−10	1.35	5.4	6	32.1	56	11	2.11	6.5	6
1942	31.8	66	— 9	2.13	2.3	6	32.7	65	7	2.10	1.1	5
1943	36.1	75	−15	1.96	2.2	9	36.9	72	0	2.36	1.1	11
1944	35.7	72	0	2.61	5.0	11	36.0	69	10	2.11	3.4	11
1945	35.1	70	−11	3.08	4.8	10	35.6	68	2	3.55	5.5	11
1946	36.7	76	2	2.43	7.2	10	37.9	76	11	2.30	2.2	9
1947	29.6	64	— 7	1.64	13.7	5	30.5	58	2	1.41	9.9	5
1948	34.4	82	−11	2.18	10.3	10	34.4	76	— 3	2.76	11.6	11
Period	33.9	88	−29	2.81	7.3	9	34.1	82	−15	3.20	5.7	9

Climatological Data for February 1948

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees, Fahr: Mean	Departure from the normal	Highest	Date	Lowest	Date	Precipitation, in inches: Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (Unmelted)	Number of days: With precip., 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Maryland																				
Aberdeen, 4 miles SE..	Harford	57	30	31.2	−2.4	65	18	0	7	2.48	−0.29	0.99	4-5	14.3	9					U. S. Army
Annapolis[1]	Anne Arundel	40	83	35.1	+0.2	67	18	13	10	2.48	−0.78	1.38	4-5	7.8	9					U. S. Navy
Baltimore[1]* (central)		14	78	36.6	+1.2	71	19	11	10	1.89	−1.60	0.82	4-5	10.4	12					U. S. Weather Bureau
Baltimore Airport	Baltimore	16	14	34.8	+1.2	66	18†	9	10	1.97	−1.42	0.80	4-5	9.8	12					U. S. Airport Station
Bell††	Prince Georges	151	28	34.8	−0.5	78	28	3	2	2.05	−0.84	0.85	4-5	9.7	9					Bureau Plant Industry
Beltsville, 1 mi. ESE	do.	120	11	31.6	.....	75	28	2	1	1.60	.....	0.76	4	8.4	10					J. B. Shepherd
Blackwater††	Dorchester	5	8	37.1	.....	75	28	11	5	2.45	.....	0.85	22	7.0	8					National Wildlife Refuge
Cambridge	do.	17	54	36.0	−0.2	77	28	11	2	2.80	−0.60	0.60	22	7.0	10					D'Arcy Harding
Charlotte Hall, 2½ mi. E	St. Marys	167	27	37.8	+3.2	82	28	12	1†	2.91	−0.30	0.96	13-14	6.5	10					J. Burch Tennyson
Cheltenham, 1½ mi. NW.	Prince Georges	230	48	35.0	−0.2	81	28	4	1	2.20	−0.61	0.85	4-5	8.1	9					U. S. Magnetic Obs'y.
Chestertown	Kent	36	43	33.8	+0.7	68	18	5	7	3.00	−0.03	1.09	4-5	14.0	9					Thomas W. Eliason, Jr.
Chewsville, ¾ mile SE..	Washington	560	51	32.0	+0.8	72	28	−1	9	1.24	−0.97	0.30	22†	9.0	10					D. Paul Oswald
Clear Spring, 1½ mi. NE	do.	560	49	34.2	+3.6	77	19	2	7	2.82	+0.20	0.70	4-5	16.0	9					Mrs. Leo A. Cohill
Coleman††, 3 miles NW	Kent	80	51	34.7	+0.8	68	18†	8	10	2.70	−0.35	1.11	4-5	12.0	8					Walter B. Harris
College Park	Prince Georges	95	62	35.7	+0.9	79	28	8	7	1.60	−1.48	0.74	4-5	9.2	10					Russell G. Brown
Conowingo Dam	Harford	40	13	29.0	−2.5	65	19	−1	7†	2.18	−0.41	0.69	4-5	11.4	11					Susquehanna Electric Co
Crisfield	Somerset	5	29	40.7	+1.5	64	18	17	10	2.97	−0.54	1.00	21-22	0.2	10					Grover C. Adams, Sr.
Cumberland	Allegany	623	78	31.8	−1.4	74	28	0	1	1.58	−0.80	0.48	22	12.8	9					Robert R. Golden
Easton	Talbot	35	58	36.3	+1.1	73	28	10	1	2.65	−0.56	0.60	22	8.0	11					Clement E. Bray
Edgemont††, 1 mile SW	Washington	920	10	.....	.....	.....	.....	.....	.....	1.37	−0.50	0.38	25-26	10.0	8					Lee G. Harne
Elkton	Cecil	28	22	32.3	−1.1	66	19	−2	7	2.45	−0.52	0.95	4-5	13.0	8					H. W. Bouchelle
Emmitsburg, 2½ mi. SW	Frederick	720	82	33.8	+1.4	67	19	6	9	1.58	−1.47	0.40	26	8.7	10					Mt. St. Mary's Seminary
Fallston	Harford	450	79	32.6	+0.5	63	19	6	10	2.01	−1.34	0.75	4-5	13.0	10					Miss Ethel Curtiss
Ferry Landing††, 1½mi S	Calvert	120	32	37.3	+0.5	80	28	11	10	2.14	−0.60	0.74	4-5	7.5	10					Thos. J. Bourne
Fort George G. Meade	Anne Arundel	195	7	33.2	.....	72	19	5	7†	1.57	.....	0.80	4-5	5.9	11					U. S. Army
Frederick	Frederick	297	79	32.8	−0.6	74	28	−5	11	1.68	−1.22	0.50	4-5	11.9	10					D. J. Markey, jr.
Frederick Airport¶	do	371	5	32.5	.....	74	28	2	11	1.72	.....	0.50	4-5	11.9	9					U. S. Weather Bureau
Friendsville	Garrett	1,980	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frostburg	Allegany	2,005	47	30.9	+0.2	69	28	−6	9	2.44	−0.16	0.89	4	18.8	10					S. Graff Haverstick
Germantown	Montgomery	460	30	34.8	+0.1	77	28	5	10	1.18	−1.56	0.45	4-5	8.4	10					Ralph F. Staley
Great Falls††	do.	200	60	35.2	+1.4	80	28	5	11	2.43	−0.26	1.69	4-5	8.4	10					John E. Bissett
Hagerstown	Washington	660	9	32.9	.....	71	28	2	7†	1.05	.....	0.20	22†	8.0	8					William M. Hamby
Hancock, No. 1	do.	428	39	.....	.....	.....	.....	.....	.....	1.51	−0.66	0.54	21-22	10.0	8					H. E. Kershner
Hancock, No. 2	do.	428	15	30.4	+0.8	76	28	−6	1	1.43	−0.74	0.51	21-22	10.7	8					Charles O. Dunbar
Huntingtown	Calvert	160	13	37.1	+0.2	80	28	11	10	1.97	−0.64	0.75	4-5	5.8	11					Elmer O. Bowen
Keedysville	Washington	420	45	33.9	+0.7	76	28	−2	10	1.44	−0.90	0.37	26	9.0	8					Travis D. Knode
La Plata	Charles	190	34	37.6	+0.3	82	28	10	2	2.00	−0.97	0.60	22	10.0	10					Wallace S. Barnes
Luke	Allegany	950	11	.....	.....	.....	.....	.....	.....	1.56	−0.23	0.35	21-22	13.0	11					J. G. Patrick
Maryland Line	Baltimore	840	24	32.0	−0.2	66	18†	4	9†	1.95	−0.85	0.54	4-5	9.2	8					Chester L. Fulton
Millington	Kent	27	51	34.8	+0.6	73	18†	−2	7	2.85	−0.38	0.90	4-5	12.1	9					Henry L. Higman
Oakland, 1 mile SE	Garrett	2,420	51	31.4	+3.0	66	28	−11	9	3.47	+0.12	1.18	4-5	21.5	15					R. E. Weber
Oxford	Talbot	10	12	35.8	−1.7	72	28	12	10	2.16	−0.23	0.83	4-5	7.0	11					Henry Wilcox
Perry Point	Cecil	40	8	.....	.....	.....	.....	.....	.....	3.22	.....	1.25	4-5	12.9	11					Veterans Administration
Picardy††, 3 miles NE.	Allegany	1,080	22	34.8	+0.9	74	28	2	9†	1.62	−0.41	0.65	21-22	10.5	9					Oscar R. Day
Prettyboy Dam††	Baltimore	780	18	31.7	−0.1	66	19	5	9†	1.90	−0.81	0.89	4-5	12.2	8					C. W. Hendrix
Salisbury	Wicomico	10	42	39.2	+1.4	76	28	15	2	2.61	−0.62	0.85	22	7.5	11					City of Salisbury
Sines[1] (Deep Creek)†‡§	Garrett	2,030	24	28.6	+0.9	64	19	−6	9†	4.24	+0.80	1.16	4	21.7	16					C. E. MacMurray
Snow Hill	Worcester	20	33	37.7	+0.1	75	28	18	2†	3.77	+0.26	0.98	21-22	2.0	15					U. S. Airway Station
Solomons	Calvert	20	57	38.2	+1.8	76	28	15	10	2.52	−0.37	1.02	22	4.8	10					Chesapeake Biological L'b
State Sanatorium	Frederick	1,460	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. Stout
Takoma Park, No. 1	Montgomery	320	50	36.6	+2.6	81	28	8	10	1.73	−0.19	0.77	4-5	10.2	9					Guy L. Seaman
Takoma Park, No. 2††	do	280	10	‡35.2	−0.5	78	28	8	10	1.73	−0.80	0.55	22	9.1	9					O. L. Harvey
Tonoloway††	Washington	550	24	32.4	−1.0	75	28	−1	10	1.39	−0.71	0.60	22	11.5	8					American Fruit Growers
Towson	Baltimore	475	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unionville	Frederick	450	9	29.2	.....	66	18	−9	11	1.46	.....	0.52	4-5	10.7	9					G. Plitt Von Eiff, jr.
Western Port	Allegany	1,000	55	35.0	+2.3	74	28	−2	10	2.46	+0.16	0.80	4†	19.0	8					Norris Bruce
Westminster	Carroll	770	39	32.8	+1.0	69	19	1	9†	2.22	−0.77	0.64	4-5	11.0	9					Harry J. Mathias
White Hall	Baltimore	350	2	.....	.....	.....	.....	.....	.....	2.84	.....	1.26	4-5	12.8	11					Blaine McCollum
Williamsport, 2 mi. NW	Washington	360	10	.....	.....	.....	.....	.....	.....	1.38	−0.54	0.45	21-22	9.0	9					R. C. Wilson
Woodstock	Baltimore	415	79	33.0	−0.2	69	19	0	9	2.19	−0.83	0.90	4-5	10.0	8					Woodstock College
Dist. of Columbia																				
Washington[1]**		72	78	37.4	+2.0	81	28	11	10	2.05	−1.32	0.81	4-5	9.3	11					U. S. Weather Bureau
Delaware																				
Bridgeville, 1 mile W..	Sussex	45	58	36.6	+1.2	76	28	10	2	3.03	−0.29	1.32	22	8.5	9					William M. Ray
Delaware City, 1½mi.SW	New Castle	15	62	33.0	−1.0	66	19	3	7	2.83	+0.08	0.80	4-5	13.9	12					James E. Maden
Dover	Kent	34	61	34.7	−0.8	69	19	7	7	3.37	+0.12	0.80	22	13.5	12					Arthur G. Livingston
Georgetown	Sussex	50	3	36.5	.....	75	28	9	2†	2.68	.....	0.90	22	8.4	11					E. F. Turner
Lewes	do.	10	4	36.2	.....	71	19	12	2	3.11	.....	1.15	22	9.2	11					E. Elwood Lynch
Milford	do	20	53	36.2	+0.4	71	19	8	7	2.90	−0.56	1.03	22	10.6	11					C. E. Wood
Millsboro	do	20	56	37.6	+1.8	75	28	12	2	2.44	−1.13	0.62	4-5	8.7	11					Preston C. Townsend
Newark‖	New Castle	110	17	.....	.....	.....	.....	.....	.....	2.74	−0.35	0.75	4-5	14.4	11					G. C. Price
Newark‖‖, 1½ mile SW.	do.	110	36	31.8	+2.0	67	19	−3	7	2.86	−0.23	0.92	4-5	14.0	11					Fred. Collins
Wilmington§§	do.	42	55	.....	.....	.....	.....	.....	.....	2.47	−0.75	0.76	4-5	12.9	11					Street Department
Wilmington§§§, 2mi.NE	do	260	37	31.0	−1.7	66	19	5	9†	2.21	−0.86	0.64	4-5	13.8	11					Water Department
Means and extremes:																				
For Maryland and District of Columbia.				34.4	+0.5	82	28	−11	9	2.18	−0.63	1.69	4-5	10.3	10					
For Delaware				34.4	+0.3	76	28	−3	7	2.76	−0.44	1.32	22	11.6	11					
For entire section				34.4	+0.5	82	28	−11	9	2.27	−0.60	1.69	4-5	10.5	10					

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. The normal may be found by adding the departures when minus (−) or subtracting when plus (+). T. Trace or 0.005 inch or less rain or melted snow. [1] Recording gage. *Italics*, Data interpolated. Elevations are of ground above mean sea level.

††Post addresses of these stations are as follows: Of Bell, Glenndale; of Blackwater, Cambridge; of Charlotte Hall, Mechanicsville; of Coleman, Worton; of Edgemont, Smithsburg; of Ferry Landing, Owings; of Great Falls, Bethesda; of Picardy, Paw Paw, W. Va.; of Prettyboy Dam, Parkton; of Sines, Oakland; of Takoma Park No. 2, Silver Spring; of Tonoloway, Hancock. *Custom House, Gay and Water Sts. **Weather Bureau Building, 24th and M Sts. † Also on other dates. §§ Municipal Building. §§§ Porter Reservoir. ‖Water Pumping Station. ‖‖ University Farm. Figures and letters following station indicate distance and direction of the observation point from the City Post Office. ¶1.8 miles west.

/Thermometers are read in morning; maximum temperature then read is charged to preceding day, on which it almost always occurs. Temperatures at Aberdeen, Annapolis, Baltimore, Baltimore Airport, Frederick Airport, Sines, Washington, and Wilmington are from midnight to midnight; at Ocean City and Snow Hill the thermometers are read at 1:30 a. m., the extremes are charged to the preceding day; at other stations temperatures are for a 24-hour period ending in late afternoon or near sunset, except 11 p.m. at Chestertown. *Italics*, Data interpolated.

Daily Precipitation for February 1948

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[4]	Atlantic				.76	.28	.10	T.	T.			.18	T.	.11	.30								.07			T.	.27	T.	.46				2.48
Annapolis[1]	do				1.27	.11	.01	T.				T.	.09	.01	T.		T.					.59		T.	T.	.25	.01	.14				2.48
Baltimore[1†]	do				.78	.04	.03	.04				.04	.07	.01	.13								.39			T.	.25	.03	.08				1.89
Baltimore Airport[4]	do				.74	.06	.03	.04				.03	.06	.08	.20								.34		T.	T.	.24	.01	.14				1.97
Bell	do				.38	.47	T.	T.	T.			.04	.07	.08	.25								.47			T.	.21		.08				2.05
Beltsville[3]	do				.01	.75	.01		.02				.06	.04	.28								.23			T.	.14	T.	.06				1.60
Blackwater	do				.49	.14	T.	T.				.08	T	.03	.45			T					.85				.28		.13				2.45
Cambridge	do				.55	.55	T.	T.				*	.30	.25	.22			.04					.60				.25		.04				2.80
Charlotte Hall	do				.56	.17	.15	T.				.16	.11	.02	.96								.45				.27		.06				2.91
Cheltenham[2]	do				T.	.85	.03		T.			T.	.22	.04	.27								.48	T.			.20	T.	.10	.01			2.20
Chestertown	do				.97	.12	T.	T.				.19	.02	.08	.46		T.						.60			T.	.24	T.	.32				3.00
Chewsville	do				.14	.10	.05	T.	.01			T.	.01	.11	.16						T.		.30			T.	.30		.06	T.			1.24
Clear Spring	do				.40	.30	.20	.10	T.			T.	.09	T.	.41								.60			T.	.41		.31	T.			2.82
Coleman	do				.63	.48	T.	T.	T.			T.	.21	.12	.35								.30				.25		.36				2.70
College Park	do				.42	.32	.02	T.	T.			.05	.02	.08	.20								.34			T.	.12		.03				1.60
Conowingo Dam[2]	do				.03	.69	.03	T.	.03				.10	.01	.31			T.					.25	T.		T.	.21	T.	.50	.02			2.18
Crisfield	do					.50	T.					.02	.24	.11	.21			.23			.19		1.00				.40		.07				2.97
Cumberland[2]	do				.17	.34	.05		T.					.05	.16								.48				.14	.02	.17	T.			1.58
Easton	do				.41	*	.55	T.	T.			*	.34	*	.35			.05					.60				.20		.15				2.65
Edgemont[2]	do					.28	.04		T.		T.			.03	.34								.17				.38	.03	.10	T.			1.37
Elkton	do				.75	.20	T.	T.	T.			T.	*	.22	.22			T.					.42				.24		.40				2.45
Emmitsburg	do				.15	.05	.05	T	T.			.01	.02	.14	.20						T.		.34				.40		.22				1.58
Fallston	do				.48	.27	T.	T.	.08			.03	.06	.07	.21								.23				.30		.28				2.01
Ferry Landing	do				.32	.42	.05	T.				.11	.08	.04	.32								.52			T.	.21		.07				2.14
Fort George G. Meade	do				.50	.30	.02	.01	.01			T.	.03	.04	.27								.10				.20		.09				1.57
Frederick	do				.31	.19	.06	T.	T.			.01	.01	.06	.10						T.		.37			T.	.46		.11				1.68
Frederick Airport[4]	do				.45	.05	.06	T.	T.			T.	T.	.07	.08						T.		.44		T.	T.	.46	.04	.07	T.			1.72
Frostburg	do				.62	.27	.05	T.	.12					.08	.31								.52			.01	.25		.21	T.			2.44
Germantown	do				.35	.10	.05	T.	T.			.05	.10	.07	.09						T.		.25			.02	.10		T.				1.18
Glenelg	do				.60	.40	T.	T.	T.			*	.13	T.	.15								.30			T.	.21		.07				1.86
Great Falls[2]	do				*	1.69	.02		T.			T.	.02	*	.02								.52				*	.13	.08				2.43
Hagerstown	do				.13	.12	.06	T.	T.			T.	T.	.13	.15								.20				.20		.06				1.05
Hancock No. 1[2]	do				.07	.21	.09							.15	.21								.54				.16		.08				1.51
Hancock No. 2[2]	do				.10	.18	.08		T.				T.	.16	.15								.51				.14		.11				1.43
Huntingtown	do				.40	.35	.02	.01				.18	.07	.02	.16								.51				.20		.05				1.97
Keedysville	do				*	.35	.06	T.	T.			T.	T.	.11	.17						T.		.35				.37		.03				1.44
La Plata	do				*	.30	.15	T.				.18	.10	.02	.25								.60				.20		.20				2.00
Luke[2]	do	.05			.21	.30	.05		.05	T.			T.	.02	.23			T.					.35				.13	.02	.15				1.56
Maryland Line	do				*	.54	.02	T.	T.			T.	T.	*	.40								.31				.38		.30				1.95
Millington	do				.60	.30	T.	T.	T.			.22	.04	.03	.36			T.					.40				.37		.53				2.85
Oakland	Ohio	.18		T.	1.00	.18	.03	.03	.08				.03	.04	.48	.03		T.					.54			.08	.43	.05	.29	T.			3.47
Oxford	Atlantic				.31	.52	.02	T.	T.			.10	.21	.03	.21			.02			T.		.46			T.	.21		.07				2.16
Perry Point	do				.95	.30	.04	T.	.03			.06	.16	.21	.48								.26			T.	.15		.58				3.22
Picardy	do				*	.40	.05	T.	.05					.10	.12								.65				.20		.05				1.62
Prettyboy Dam	do				*	.89	.02	T.	T.			T.	T.	*	.26								.30				.21		.22				1.90
Salisbury	do				.02	.53	.04					.05	.18	.14	.17						.20		.85				.29		.14				2.61
Sines[1]	Ohio	.09			1.16	.02	.06	.33	.03				.09	.28	.61			.03		T.		.14	.16			.26	.68	.06	.24				4.24
Snow Hill[3]	Atlantic				.61	.10	T.	T.			.03	.26	.09	.27	.26			.22			.21	.11	.87			.07	.45	.06	.16				3.77
Solomons	do				.13	.36	T.	T.				.31	.01	.07	.16			.05			T.		1.02			T.	.40		.01				2.52
Takoma Park, No. 1	do				.48	.29	.03	T.	T			.03	.02		.18								.53				.12		.05				1.73
Takoma Park, No. 2	do				.42	.30	.01	T.	T.			.06	*		.28								.55			T.	.10		.01				1.73
Tonoloway	do				.20	.10	.09	T.	T.			T.	T	.15	.10								.60				.11		.04	T.			1.39
Unionville	do				.48	.04	.05	T.	T.			T.	T.	.05	.11						.01		.32				.31		.09				1.46
Western Port	do	.05			.80	.20	.05	T.	T.						.15								.80				.01		.40				2.46
Westminster	do				*	.64	.08	T.	T.			.08	T.	.11	.28								.38				.37		.28				2.22
White Hall	do				.96	.30	.06	T.	.08			.04	.07	.12	.26								.21			T.	.30		.44				2.84
Williamsport[2]	do				.01	.31	.06						.01	.07	.21								.45			T.	.20		.06	T.			1.38
Woodstock	do				*	.90	T.	T.	T.			*	.12	T.	.22								.45			T.	.30		.20				2.19
Washington, D. C.[1†]	do				.78	.03	.05	T.				.11	T	.10	.25								.51				.01	.18	.01	.02				2.05
Delaware																																	
Bridgeville	Atlantic				.37	.38	.03	T.	T.	T.		.15	.29	T.	.09								1.32				.21		.19				3.03
Delaware City	do				.60	.20	.02	T.	.05			*	.10	.10	.40			.01					.50				.20		.65				2.83
Dover	do				.06	.43	.05	T.	.02			*	.29	.07	.52			.03					.80				.25		.85				3.37
Georgetown	do				.18	.43	.02	T.	T.			.03	.25	.08	.12			.18			T.		.90				.28		.21				2.68
Lewes	do				.40	.20	.01	T.	T.			.13	.20	.13	.23			.15					1.15				.30		.21				3.11
Milford	do				*	.58	.05	T.	T.			*	.10	.26	.27			.06					1.03				*		.60				2.90
Millsboro	do				.40	.22	.02	T.	T.			*	.25	*	.41			.10					.51				.32		.21				2.44
Newark‖[4]	do				*	.75	.02	T.	.08			.17	T.	.15	.45								.30				.21	.02	.59				2.74
Newark‖‖	do				.68	.24	.04	T.	.02			.07	.11	.12	.50								.28				.20		.60				2.86
Wilmington§	do				*	.76	.02	T.	.05			*	*	.23	.38			T.					.28				.15		.65				2.47
Wilmington[4]§§	do				.57	.07	.01	.03				.07	.04	.13	.37		T.						.18			T.	.14	T.	.60				2.21

Except as otherwise indicated, amounts are for 24-hours ending late in afternoon. [1]Midnight to midnight; recording gage. [2]Measured in the morning; for the preceding 24-hours. [3]Data for 24-hours ending at 1:30 a. m. of following day. T. Trace or 0.005 inch or less. *Included in next measurement. *ITALICS* Data interpolated. †First-order Weather Bureau station. ‖Water Pumping Station. ‖‖University Farm. §Municipal Building. §§Porter Reservoir. [4]Midnight to midnight

Daily Temperatures for February 1948

Stations (Delaware)		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
Bridgeville	Maximum	32	39	41	37	35	35	36	39	30	28	40	40	38	62	46	55	65	68	69	65	39	33	33	39	57	63	61	76	74			47.4
	Minimum	17	10	14	22	14	14	12	27	14	14	17	31	29	35	25	26	48	33	40	38	23	26	25	17	33	44	28	40	31			25.8
Delaware City	Maximum	29	38	37	35	31	34	33	37	31	24	32	42	42	52	44	42	61	63	66	63	37	35	33	39	49	50	57	56	47			42.7
	Minimum	12	19	22	20	13	22	3	20	7	9	14	30	27	32	24	27	32	30	33	30	21	24	22	18	32	39	28	38	30			23.4
Dover	Maximum	30	37	39	35	35	33	31	37	30	24	34	39	40	60	45	54	63	65	69	61	36	30	34	38	54	61	59	58	48			44.1
	Minimum	15	14	23	22	12	21	7	23	13	11	16	32	30	35	25	25	45	31	36	31	23	25	23	18	33	43	28	40	33			25.3
Georgetown	Maximum	31	37	40	37	36	34	37	40	34	26	42	40	40	63	45	55	62	65	70	64	38	32	32	40	54	63	59	75	69			46.9
	Minimum	18	9	19	24	15	21	9	28	14	15	18	32	29	35	25	28	48	30	37	37	28	27	25	18	32	43	26	41	32			26.1
Lewes	Maximum	31	39	42	39	36	31	33	39	26	29	40	40	38	62	38	51	63	69	71	60	37	33	33	37	55	65	55	70	48			45.2
	Minimum	20	12	18	25	19	22	15	25	15	18	21	32	29	37	23	28	43	32	39	36	24	24	26	27	34	40	29	39	33			27.1
Milford	Maximum	31	39	41	35	36	35	34	38	30	28	38	41	39	66	46	56	65	68	71	62	38	33	38	42	55	64	62	65	48			46.3
	Minimum	17	15	21	23	15	21	8	25	19	14	18	32	29	36	27	21	49	31	36	35	24	25	30	21	33	34	28	39	32			26.1
Millsboro	Maximum	32	38	40	38	38	35	36	40	33	27	43	39	44	63	45	54	64	67	70	68	39	35	34	39	55	63	61	75	71			47.6
	Minimum	20	12	18	24	18	22	14	30	16	18	20	33	31	42	27	26	44	30	35	35	25	28	26	24	34	44	28	43	35			27.7
Newark	Maximum	27	37	37	32	32	33	32	35	27	23	32	41	40	47	40	45	58	62	67	62	36	33	34	40	52	52	56	48	45			41.6
(University Farm)	Minimum	10	19	17	19	12	18	−3	19	1	6	11	30	24	32	23	22	36	34	33	34	20	23	20	18	32	40	26	38	28			22.1
Wilmington	Maximum	27	36	34	26	30	32	30	35	20	22	35	42	36	50	36	46	56	60	66	55	33	33	32	38	49	50	54	42	44			39.6
(Porter Reservoir)	Minimum	10	17	22	17	12	20	8	11	5	5	13	27	29	32	25	27	39	35	40	24	19	23	17	18	31	35	31	35	26			22.8

Daily Temperatures for February 1948—Continued

Stations (Maryland)		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
Aberdeen	Maximum	36	39	39	38	30	36	32	36	24	24	34	40	34	48	42	44	61	65	64	57	35	32	34	38	53	62	59	48	45			42.2
	Minimum	12	18	19	19	12	8	0	16	6	6	5	25	24	30	22	24	32	28	35	21	20	22	17	12	31	33	26	36	30			20.3
Annapolis	Maximum	31	35	40	33	33	34	29	38	22	24	32	36	35	55	41	44	63	67	64	55	34	31	33	37	56	63	57	58	49			42.4
	Minimum	16	20	28	22	17	25	21	24	14	13	19	30	31	36	30	31	37	43	38	31	24	24	25	24	33	41	34	39	35			27.8
Baltimore (U.S.W.B.)	Maximum	31	39	41	34	32	37	30	38	23	24	35	43	38	51	45	48	65	69	71	62	36	32	35	38	61	65	64	57	49			44.6
	Minimum	15	24	29	20	19	25	21	23	13	11	19	32	32	36	31	30	45	42	40	30	23	25	25	24	34	46	39	39	36			28.6
Baltimore Airport	Maximum	31	37	39	34	30	35	29	39	23	24	33	39	37	49	45	45	62	66	66	57	35	32	35	38	58	62	62	55	49			43.0
	Minimum	14	21	27	22	17	24	17	23	12	9	18	31	29	36	29	27	39	36	38	28	22	24	24	20	34	42	34	40	35			26.6
Bell	Maximum	34	39	43	40	34	40	33	40	33	28	33	41	40	52	49	50	66	71	72	69	38	34	36	39	58	67	66	78	69			48.0
	Minimum	14	3	12	25	11	20	6	12	10	9	7	29	27	32	25	21	39	23	31	38	17	23	18	6	32	45	23	41	31			21.7
Beltsville	Maximum	31	35	39	33	32	37	35	37	19	30	32	43	49	50	46	47	61	67	70	47	35	31	34	38	57	64	60	75	48			44.2
	Minimum	2	6	5	14	12	18	6	10	10	8	7	20	21	30	26	28	26	27	31	38	22	22	16	9	21	37	25	30	30			19.0
Blackwater	Maximum	33	38	41	40	34	36	35	40	37	27	32	37	37	56	45	51	62	66	65	63	47	37	36	42	55	62	62	75	74			47.0
	Minimum	17	12	15	23	11	25	18	30	18	17	22	30	30	35	30	30	41	30	39	40	24	25	28	22	35	35	29	43	36			27.2
Cambridge	Maximum	31	37	40	35	34	34	35	39	31	28	31	37	37	57	45	53	62	68	69	58	39	33	38	43	56	63	58	77	56			45.7
	Minimum	16	11	15	24	16	24	18	27	14	13	18	29	29	32	29	28	42	33	43	35	23	23	24	19	32	42	28	42	34			26.3
Charlotte Hall	Maximum	33	40	44	34	34	39	36	40	24	26	31	43	42	62	54	54	66	71	71	62	39	35	35	39	59	67	65	82	70			48.2
	Minimum	12	15	21	26	18	23	20	29	15	15	12	29	33	31	30	30	43	38	46	38	24	23	25	17	32	48	30	48	32			27.5
Cheltenham	Maximum	31	37	41	37	38	39	30	38	18	25	33	43	50	60	49	51	65	70	72	49	35	31	33	38	58	66	63	81	51			45.9
	Minimum	4	10	14	23	17	19	18	18	14	11	11	21	30	32	26	27	32	35	43	47	23	23	23	14	21	38	27	41	38			24.1
Chestertown	Maximum	31	40	41	34	32	37	31	39	22	25	33	40	38	53	44	50	66	68	67	58	37	33	36	42	55	63	63	61	50			44.4
	Minimum	14	15	22	20	11	11	5	20	11	8	13	30	26	34	25	25	37	32	34	27	22	24	20	14	33	37	29	39	31			23.1
Chewsville	Maximum	27	35	35	32	28	30	28	35	22	22	23	39	37	49	44	50	60	66	69	62	34	33	34	36	56	60	61	72	65			42.9
	Minimum	8	13	24	19	16	18	2	21	−1	0	0	21	24	33	24	28	39	32	32	28	19	21	9	7	31	41	30	42	35			21.2
Clear Spring	Maximum	34	38	41	32	25	31	31	35	26	24	28	44	44	49	47	54	64	73	77	63	37	35	36	37	55	65	70	76	68			46.2
	Minimum	8	13	14	16	17	20	2	21	6	5	5	20	20	33	27	27	36	32	37	30	20	22	14	11	31	42	33	42	36			22.1
Coleman	Maximum	34	40	41	33	33	38	30	37	29	27	33	39	35	48	46	44	62	68	68	61	41	34	43	41	55	61	67	57	49			44.6
	Minimum	14	18	22	22	11	21	10	21	10	8	14	30	30	32	26	25	39	35	36	33	21	24	22	18	32	44	30	40	32			24.8
College Park	Maximum	31	38	41	40	34	38	36	38	32	26	32	42	41	51	49	48	64	69	71	68	38	34	35	38	58	65	64	79	71			47.3
	Minimum	16	9	14	25	17	23	8	15	13	9	11	28	29	33	28	24	35	27	35	36	23	24	20	11	33	45	28	42	37			24.1
Conowingo Dam	Maximum	27	36	38	29	30	34	28	36	18	23	31	40	45	52	42	43	58	61	65	40	34	30	33	37	49	54	56	44	41			39.8
	Minimum	1	10	13	12	9	16	−1	19	−1	3	4	20	23	32	24	20	26	25	32	38	22	22	20	10	13	35	25	29	30			18.3
Crisfield	Maximum	35	38	45	43	42	41	40	41	41	39	47	47	47	55	53	54	63	64	63	62	60	56	50	48	51	61	59	61	61			50.6
	Minimum	22	21	22	28	26	27	23	32	19	17	23	30	32	37	30	32	41	39	46	40	27	30	28	25	36	44	35	43	38			30.8
Cumberland	Maximum	34	35	35	27	31	35	34	30	25	29	38	47	53	43	48	54	59	67	73	35	35	34	40	40	53	57	61	74	40			43.7
	Minimum	0	12	19	22	21	20	9	9	1	1	5	11	28	33	26	23	25	30	36	30	17	22	12	13	19	31	32	34	35			19.9
Easton	Maximum	32	38	41	38	34	35	35	40	26	26	33	37	52	51	51	54	64	67	68	62	40	37	34	41	55	62	60	73	66			46.6
	Minimum	10	12	27	24	14	21	15	23	12	12	17	28	28	31	31	32	43	34	40	37	22	23	22	16	33	45	28	41	34			26.0
Elkton	Maximum	28	40	38	30	34	37	30	34	27	27	34	44	36	48	42	45	62	65	66	58	40	40	35	40	52	52	59	55	48			43.0
	Minimum	11	18	17	20	10	18	−2	20	1	5	9	30	25	32	22	22	34	31	30	30	20	22	21	12	31	41	25	40	30			21.6
Emmitsburg	Maximum	27	36	36	36	26	32	30	37	27	24	24	45	41	49	48	45	60	65	67	55	34	31	31	34	56	59	60	56	56			42.7
	Minimum	12	17	24	19	17	19	18	24	6	7	10	22	31	32	25	27	41	39	38	32	19	21	20	17	31	44	36	40	37			24.8
Fallston	Maximum	28	37	38	32	29	35	30	36	27	22	34	44	40	45	40	44	58	61	63	56	34	33	35	36	56	60	59	51	45			41.7
	Minimum	10	16	20	21	13	20	12	22	7	6	10	28	29	31	24	25	37	36	37	32	19	22	19	16	31	43	30	38	30			23.6
Ferry Landing	Maximum	33	40	43	37	33	40	36	40	30	27	32	42	42	62	50	53	67	71	71	66	38	33	34	38	58	66	62	80	76			48.3
	Minimum	16	13	19	26	16	23	18	22	15	11	17	29	28	32	28	29	42	39	42	36	23	23	23	15	31	45	29	41	31			26.3
Fort George G. Meade	Maximum	33	38	41	38	33	38	27	38	30	27	34	42	38	50	47	48	65	70	72	61	36	30	36	39	59	65	64	65	48			45.2
	Minimum	16	6	20	22	12	17	5	12	11	8	5	30	28	35	26	23	28	28	33	25	18	23	15	7	33	36	25	37	34			21.3
Frederick	Maximum	29	35	38	35	29	35	34	36	27	23	27	40	38	48	46	48	61	67	69	64	36	33	36	37	57	62	64	74	70			44.8
	Minimum	11	14	23	20	8	17	0	24	−2	2	−5	23	22	31	25	21	34	27	30	32	21	22	14	7	31	42	26	41	38			20.7
Frederick Airport	Maximum	29	35	37	32	28	34	28	36	18	23	26	39	36	48	44	48	60	67	69	55	36	31	35	36	56	62	63	74	55			42.8
	Minimum	12	20	25	19	12	20	7	15	4	4	2	24	27	30	26	25	33	33	35	26	21	20	12	11	31	40	33	42	34			22.2
Frostburg	Maximum	34	31	31	29	30	34	30	37	21	23	34	41	40	52	43	51	58	62	68	63	32	30	33	39	50	53	57	69	63			42.5
	Minimum	5	13	20	17	22	19	8	17	−6	−4	4	22	27	27	20	22	33	32	35	20	13	18	5	10	23	42	28	39	28			19.3
Germantown	Maximum	30	37	39	35	29	37	32	38	27	24	28	45	42	48	45	47	64	67	69	62	38	32	37	37	57	63	63	77	71			45.5
	Minimum	10	12	22	24	15	21	15	25	10	5	10	25	30	32	24	28	39	27	30	23	21	22	18	16	31	46	34	41	40			24.0
Great Falls	Maximum	32	39	43	39	30	38	30	38	30	27	28	43	37	50	50	49	68	69	73	66	39	38	43	39	63	65	64	80	75			47.8
	Minimum	12	7	19	22	13	21	11	17	12	6	5	26	28	31	23	24	39	29	33	23	21	23	14	11	32	43	27	43	43			22.7
Hagerstown	Maximum	28	37	35	32	25	31	29	35	21	23	23	38	37	48	46	50	60	67	70	61	34	31	32	33	54	59	61	71	66			42.7
	Minimum	8	16	25	19	16	18	2	20	5	2	5	20	29	34	26	30	40	36	34	27	20	22	14	13	31	42	35	44	36			23.1
Hancock	Maximum	36	40	38	28	35	37	37	34	25	30	28	46	51	43	47	61	68	68	73	37	37	33	39	39	54	61	63	76	45			45.0
	Minimum	−6	9	20	19	15	20	−2	5	−2	−2	−3	8	25	33	23	21	26	24	29	32	17	22	−1	−1	4	27	25	33	37			15.8
Huntingtown	Maximum	33	39	42	37	35	39	34	39	31	25	32	41	41	61	47	53	65	70	70	65	35	34	34	38	57	66	60	80	74			47.5
	Minimum	16	12	22	25	16	22	19	24	14	11	16	29	30	33	28	28	42	40	47	32	23	22	23	20	31	46	30	41	31			26.7
Keedysville	Maximum	33	37	40	32	32	35	28	36	25	28	26	39	37	48	47	51	64	69	72	65	40	39	38	35	62	62	63	76	68			45.8
	Minimum	8	10	15	23	16	20	0	23	2	−2	−1	23	25	34	26	30	41	29	35	32	19	23	9	11	32	46	28	43	38			22.0
La Plata	Maximum	34	41	43	38	34	38	37	40	33	28	30	42	42	61	50	52	65	71	73	68	38	34	37	40	60	67	65	82	72			48.8
	Minimum	18	10	14	25	18	25	18	24	15	12	18	29	32	35	28	28	38	30	42	35	22	22	23	15	32	47	28	42	40			26.4
Maryland Line	Maximum	29	35	36	32	28	34	28	35	25	20	31	43	39	45	40	43	58	66	66	63	33	32	31	36	55	59	58	58	47			41.6
	Minimum	5	16	20	17	12	18	11	21	4	4	10	23	28	31	23	25	38	37	36	30	18	20	17	15	30	41	30	37	35			22.5
Millington	Maximum	29	41	42	35	32	37	32	40	33	30	35	41	39	52	46	52	69	73	73	62	39	41	37	42	57	65	64	60	58			46.8
	Minimum	14	12	22	22	13	19	−2	14	9	7	9	31	26	34	24	24	39	27	34	32	22	24	21	11	32	44	27	36	36			22.9
Oakland	Maximum	30	27	28	34	33	28	37	35	18	23	44	44	53	50	42	53	55	62	65	62	33	29	31	43	47	52	58	66	62			42.9
	Minimum	9	12	19	12	25	24	0	15	−11	0	4	30	32	25	18	22	32	30	31	19	13	17	17	17	32	38	26	42	28			19.9
Oxford	Maximum	31	39	41	35	34	35	34	37	34	27	31	37	37	55	43	50	63	68	64	58	36	31	37	42	53	59	55	72	53			44.5
	Minimum	16	16	26	25	17	24	17	27	14	12	18	29	29	32	29	29	39	36	42	35	23	25	24	21	33	43	30	42	33			27.1
Picardy	Maximum	34	35	35	34	30	34	33	35	28	27	38	45	44	52	47	58	61	66	72	69	35	36	36	38	55	58	62	74	72			46.3
	Minimum	10	17	25	22	20	19	9	24	2	2	7	21	30	33	24	24	42	39	37	28	15	23	10	17	29	36	33	43	36			23.8
Prettyboy Dam	Maximum	28	34	34	34	26	32	27	32	22	22	31	44	39	45	38	43	57	61	66	55	36	30	35	37	55	58	57	51	46			40.5
	Minimum	7	16	23	18	12	18	19	21	5	5	9	23	28	31	23	24	38	37	35	29	18	20	17	12	30	42	31	38	34			22.9
Salisbury	Maximum	34	40	42	41	39	36	40	41	32	30	46	43	41	63	50	56	66	69	70	68	45	36	36	42	57	65	65	76	75			49.8
	Minimum	20	15	22	26	17	25	18	32	17	16	22	31	31	40	28	27	50	32	40	43	25	28	26	19	34	42	29	43	35			28.7
Sines (Deep Creek)	Maximum	32	26	28	34	32	29	36	30	22	21	47	38	50	44	32	52	50	56	64	47	32	34	31	42	46	50	56	63	37			40.0
	Minimum	6	10	12	17	22	22	8	−2	−6	−6	2	28	31	21	18	15	26	25	31	16	12	13	12	15	30	31	25	37	26			17.1
Snow Hill	Maximum	35	38	42	42	31	38	37	42	26	29	46	41	57	61	48	54	65	68	70	59	38	33	34	43	57	64	58	75	53			47.7
	Minimum	23	18	21	20	21	23	20	26	18	18	22	31	33	36	26	26	33	31	41	30	25	29	27	26	35	40	30	43	32			27.7
Solomons	Maximum	32	40	44	36	34	37	35	40	34	25	32	39	36	62	45	51	65	70	67	63	39	35	37	42	58	64	61	76	72			47.3
	Minimum	20	20	20	27	21	26	24	31	18	15	22	31	32	34	29	32	44	35	42	39	26	27	25	34	40	42	30	43	34			29.2
Takoma Park, No. 1	Maximum	33	39	42	35	34	39	32	39	25	30	32	42	40	51	49	47	67	72	71	65	37	34	37	37	60	67	65	81	72			47.4
	Minimum	15	15	23	25	17	23	17	22	12	8	13	27	30	32	26	27	40	35	37	34	22	23	18	11	32	45	28	42	40			25.9
Takoma Park, No. 2	Maximum	30	38	41	34	34	37	31	38	29	25	31	44	39	51	45	48	62	67	70	63	35	32	36	39	58	64	63	78	72			46.0
	Minimum	15	10	20	25	17	23	19	12	8	10	27	29	32	26	25	26	30	35	33	22	23	18	11	32	45	28	42	41	41			24.3
Tonoloway	Maximum	35	37	36	27	29	37	33	37	26	27	25	47	37	51	45	59	61	67	72	65	36	33	37	37	55	60	63	75	66			45.3
	Minimum	4	16	17	20	16	19	1	20	3	−1	0	17	27	32	22	20	27	28	30	30	15	24	1	3	29	40	27	41	37			19.5
Unionville	Maximum	29	38	40	31	23	35	27	35	24	22	26	41	34	37	37	49	60	66	65	60	31	32	32	34	60	52	58	58	54			41.0
	Minimum	7	5	10	18	7	12	−5	14	−4	−6	−9	23	20	32	19	19	32	25	31	28	20	22	5	6	31	41	25	40	36			17.4
Western Port	Maximum	33	36	34	32	29	35	33	37	23	28	38	44	43	55	49	57	62	69	74	68	36	35	38	44	54	60	68	74	63			46.6
	Minimum	10	20	24	23	25	23	11	21	−1	−2	5	26	31	33	26	22	32	28	35	26	18	22	12	12	29	42	46	43	35			23.6
Westminster	Maximum	27	40	40	34	28	34	30	35	25	23	30	45	41	48	44	45	58	64	69	65	35	32	36	36	55	60	61	65	60			43.6
	Minimum	6	15	20	20	12	18	5	20	1	1	5	22	28	32	24	25	40	34	36	32	19	21	14	10	30	42	28	39	35			21.9
Woodstock	Maximum	30	35	41	32	30	43	28	28	28	23	38	47	40	49	42	47	61	66	69	60	37	31	47	45	60	63	61	66	54			44.7
	Minimum	12	13	24	22	13	21	1	11	0	6	2	26	25	32	21	20	39	26	32	29	20	22	17	8	31	45	25	40	38			21.4
Washington, D.C.	Maximum	32	39	42	35	30	39	30	39	21	28	29	43	39	53	51	50	66	72	72	60	40	35	39	41	61	66	64	81	60			46.8
	Minimum	17	17	22	29	20	26	23	22	15	11	18	28	32	35	30	33	38	37	43	30	25	24	24	22	33	45	34	44	39			28.1

See page 6 for explanation of reference marks.

(WBO. Philadelphia, Pa.—7-27-48—1325)