

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  
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 VOL. XXXVIII BALTIMORE, MD., FEBRUARY, 1933 No. 2

**GENERAL SUMMARY**

This February was windy. It was also mild, though 4.3° colder than February, 1932. Monthly precipitation averaged slightly below normal, while monthly snowfall averaged somewhat above; both were greatest in February since 1929. Monthly sunshine was about normal. Relative humidity averaged 5 to 10 per cent below normal. High northwest winds were unusually frequent. There was no northeast storm. Ground-hog day was warm and sunshiny, but windy; the 22d was mild and sunshiny.

Mild weather was interrupted by cold spell of 4-6th and cold wave of 9-13th. Warm days were 2d, 8th, 23d, and 24th. Sharp fall in temperature occurred on 8th. The 9th was the coldest day. Minimum temperatures were zero or lower in the Allegheny Mountain region on 6th, 9th, 10th, and 12th, and in Washington County and valley districts of north-central Maryland on 12th and 13th.

Monthly precipitation was mostly below normal, except mostly above on the Eastern Shore. Totals were 1.5 to 2 inches in Allegany and Washington Counties; 2 to 4 inches in Garrett County and in north-central and southern Maryland; and 3 to 4 inches on the Eastern Shore, except 4 to 5.4 inches over the southern third.

Monthly snowfall totaled 4 to 6 inches in Allegany and Washington Counties and in west-central portion of the Eastern Shore, and 6 to 8 inches elsewhere, except 8 to 13 inches in the north-eastern portion of the section and the southern Chesapeake Bay region. Snowfall was general on 4th; also on 11th, followed by moderate to heavy rain over southern Maryland and the Eastern Shore, except the northern third. Snowfall was heavy on 4th over the southern Eastern Shore and on 11th from eastern Washington County to New Castle County. Light snow fell also in the Allegheny Mountain region on 5th, 8th, 15th, and 26th.

Winter grains were green, made some growth, and were in fair to good condition, except poor locally in Charles County. Pastures and grasses were fair. Activities included plowing, pruning, and stripping tobacco. During the last week maple trees were tapped in Garrett County, while some tobacco seed was sown and some early vegetables were planted in southern counties. — J. B. jr.

**TEMPERATURE**

The monthly mean for the section, 36.2°, is 2.2° above normal. The highest monthly mean was 40.6° at Solomons; the lowest 28.4°, at Sines. The highest temperature, 70°, occurred at La Plata on the 24th; the lowest, -8°, at Chewsville on the 12th. The greatest local monthly range was 72° at Chewsville; the least, 48°, at Stevensville. The greatest daily range was 49° at Milford on the 9th.

**PRECIPITATION**

The monthly average for the section, 3.01 inches, is 0.07 inch below normal. The greatest monthly amount was 5.38 inches at Crisfield; the least, 1.51 inches at Clear Spring. The greatest 24-hour amount was 1.52 inches at Princess Anne on the 10-11th. The monthly average snowfall for the section, 7.8 inches, is 0.8 inches above normal. The greatest monthly snowfall was 13.0 inches at Delaware City and Wilmington; the least, 3.0 inches at Western Port. The average number of days with 0.01 inch or more of precipitation, 11, is 2 above normal.

**MISCELLANEOUS PHENOMENA (WITH DATES)**

*Fogs, light.* — 1, 2, 4, 5, 7, 8, 13, 14, 15, 17, 18, 20, 24, 25, 26.  
*Fogs, dense.* — 2, 8, 15, 20, 25.  
*Frogs, croaking.* — Southern portion of section, 23, 24, 25.  
*Halos, lunar.* — 3, 6, 12. *solar.* — 3, 10, 13.  
*Sleet, light.* — Entire section, 7, 8; southern Maryland and Eastern Shore, 11; Chewsville, 14; Parkton, 17; Grantsville, 25; Laurel, 26.  
*Winds, high.* — Over section and on coast: Northwest, 2, 5, 8, 9, 11, 15, 21, 23, 26, 27, 28. On coast: South, 7-8, 20, 23; northwest, 12.  
*Gales.* — Over section and on coast: Northwest, 21, 23, 26. On coast: South, 7-8; northwest, 27.

**PRESSURE, HUMIDITY, SUNSHINE AND WIND**

Stations	Atmospheric pressure reduced to sea level			Wind†				Mean relative humidity			Percentage of sunshine		
	Average	Highest	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	8 a. m.	Local n'n		8 p. m.	
Aberdeen, Md.	30.08	30.77	10	29.41	8	8.9	45	nw.	21	76	62	69	53
Baltimore, Md.	30.06	30.78	10	29.42	8	11.8	44	sw.	21	69	54	58	59
Elkins, W. Va.	30.13	30.77	10	29.58	7	8.6	32	w.	25	82	65	57	50
Harrisburg, Pa.	30.04	30.77	10	29.43	26	9.3	35	nw.	21	66	52	55	54
Norfolk, Va.	30.10	30.76	10	29.51	8	14.4	44	nw.	26	74	59	63	52
Philadelphia, Pa.	30.05	30.81	10	29.38	8	14.4	44	s.	7	61	51	55	62
Pittsburgh, Pa.	30.08	30.74	10	29.44	7	13.3	43	nw.	26	74	59	57	55
Washington, D. C.	30.07	30.76	10	29.41	8	8.9	32	nw.	21	65	49	51	54

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

**COMPARATIVE DATA FOR MARYLAND AND DELAWARE FOR FEBRUARY**

Year	Temperature				Precipitation				Number of days				
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest	Least	Average snowfall	With 0.1 in. or more precipitation	Clear	Partly c'ly	Cloudy
1895	34.5	-9.5	67	-18	1.26	-1.82	2.14	0.39	11.1	5	15	8	5
1896	34.6	+0.6	66	-12	5.41	+2.33	7.48	2.40	2.8	9	12	7	12
1897	34.8	+0.8	63	0	5.43	+2.35	9.17	3.53	7.3	10	9	7	12
1898	33.7	-0.3	70	-6	1.66	-1.42	3.21	0.70	1.8	5	15	6	7
1899	26.2	-7.8	67	-26	5.38	+2.30	8.85	2.07	28.9	12	11	5	12
1900	31.8	-2.2	72	-15	4.70	+1.62	8.22	2.28	8.4	9	11	7	10
1901	27.4	-6.6	69	-6	0.73	-2.35	2.39	0.10	3.1	4	16	7	6
1902	27.4	-6.6	68	-17	4.53	+1.45	6.85	2.48	6.4	8	12	6	10
1903	35.7	+1.7	73	-12	4.94	+1.86	8.20	2.74	5.5	10	11	7	10
1904	27.1	-6.9	70	-15	1.79	-1.29	3.42	0.34	3.8	7	12	6	11
1905	25.4	-8.6	53	-20	2.69	-0.39	5.44	0.43	10.1	9	12	7	9
1906	33.2	-0.8	68	-15	2.55	-0.53	6.57	0.46	5.9	7	15	6	7
1907	28.0	-6.0	59	-29	2.38	-0.70	3.55	0.95	15.3	7	13	8	7
1908	29.6	-4.4	68	-15	4.18	+1.10	7.02	1.55	13.4	10	11	10	8
1909	41.8	+7.8	76	-4	3.54	+0.46	7.10	1.92	4.5	11	11	8	9
1910	33.2	-0.8	74	-6	2.35	-0.73	4.02	0.57	4.9	9	10	6	12
1911	35.6	+1.6	74	-8	1.93	-1.15	3.09	0.98	7.0	9	14	8	7
1912	29.5	-4.5	68	-18	2.33	-0.55	4.32	1.41	1.5	7	14	7	7
1913	34.4	+0.4	68	-8	1.49	-1.59	2.59	0.61	2.1	7	14	7	7
1914	28.7	-5.3	73	0	1.49	-1.59	2.59	0.61	2.1	7	14	7	7
1915	37.5	+3.5	72	-6	4.36	+1.28	7.12	1.78	2.2	8	11	6	11
1916	32.1	-1.9	69	-11	3.31	+0.23	5.71	2.16	7.5	9	13	6	9
1917	31.6	-2.4	76	-18	2.19	-0.89	4.70	1.09	6.7	8	12	8	8
1918	33.5	-0.5	71	-15	1.51	-1.57	5.14	0.58	2.2	6	13	7	8
1919	35.6	+1.6	70	-3	2.44	-0.64	3.42	1.40	2.8	10	14	6	8
1920	31.5	-2.5	62	-5	4.17	+1.09	8.67	1.43	11.8	11	10	7	12
1921	37.8	+3.8	77	-15	2.92	-0.16	4.11	2.02	9.6	10	10	8	10
1922	37.3	+3.3	79	-12	3.18	+0.10	6.35	2.04	7.2	12	9	9	10
1923	30.7	-3.3	70	-6	2.81	-0.27	4.60	2.10	7.1	11	10	7	11
1924	32.4	-1.6	68	-13	3.47	+0.39	4.48	2.09	10.7	9	11	9	9
1925	41.2	+7.2	75	-2	1.62	-1.46	2.66	0.66	0.1	7	12	7	9
1926	34.4	+0.4	68	-5	3.98	+0.90	5.95	2.95	15.7	12	10	6	12
1927	40.0	+6.0	73	15	3.83	+0.75	6.93	2.21	8.0	11	9	9	10
1928	35.5	+1.5	66	0	2.88	-0.25	4.45	1.43	1.2	9	10	6	9
1929	33.0	-1.0	72	1	3.89	+1.61	6.81	1.93	10.7	9	13	6	9
1930	39.4	+5.4	85	-20	2.06	-1.02	3.86	1.14	2.9	9	13	6	9
1931	36.6	+2.6	65	7	1.67	-1.41	3.31	1.21	0.7	8	13	5	10
1932	40.3	+6.3	85	8	2.35	-0.73	3.77	1.44	0.2	8	11	8	10
1933	36.2	+2.2	70	-8	3.01	-0.07	5.33	1.51	7.8	11	13	5	10
Period.	34.0	.....	88	-29	3.08	.....	9.17	0.10	7.0	9	12	7	9

Climatological Data, February, 1933

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.					Precipitation, in inches				Number of days				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 precipn., 0.01 in. or more	Clear		Partly cloudy	Cloudy	Prevailing direction of wind
<i>Maryland</i>																				
Aberdeen	Harford	80	15	35.0	+0.9	66	24	4	12	41	3.12	+0.19	0.85	8.4	12	11	6	11	w.	U. S. Army.
Annapolis	Anne Arundel	45	68	38.8	+3.8	65	24	16	9	41	2.83	-0.61	0.70	9.0	12	13	6	9	nw.	Louis E. Foster.
Baltimore*	Prince Georges	115	63	38.0	+2.6	68	24	15	9	41	2.95	-0.44	0.81	10.6	12	12	6	10	sw.	U. S. Weather Bureau.
Bell II	Montgomery	151	13	36.8	+1.0	67	8	4	12	37	2.65	-0.30	0.60	7.2	11	13	6	9	nw.	Bureau Plant Industry.
Boyd's	Dorchester	375	40	34.6	+0.2	65	24	18	9	44	4.00	+0.53	1.00	6.0	11	14	5	9	nw.	Ralph F. Staley.
Cambridge (near)	Cecil	85	15	36.6	+0.9	64	24	11	12	38	3.56	-0.35	0.90	10.0	11	12	7	9	nw.	Matt Harding.
Cheltenham	Prince Georges	230	33	38.6	+3.3	68	24	9	10	34	2.58	-0.23	0.60	7.1	14	13	6	9	nw.	James Reese Short.
Chesville	Washington	530	36	33.2	+2.3	64	24	8	12	34	1.59	-0.79	0.55	6.8	8	14	4	10	nw.	Geo. Hartnell.
Clear Spring	do.	600	36	34.4	+4.7	67	24	3	12	33	1.51	-1.28	0.70	6.5	8	14	5	9	nw.	D. Paul Oswald.
Coleman II	Kent	80	36	37.5	+3.7	65	8	11	13	47	3.02	-0.08	0.85	8.5	11	13	6	9	nw.	Mrs. Anna Bevan Cohill.
College Park	Prince Georges	87	47	37.7	+3.1	67	8	5	12	37	2.88	-0.29	0.71	7.0	14	15	4	9	nw.	Waiter B. Harris.
Crisfield	Somerset	5	14					16	10	40	5.38	+1.65	1.40	10.0	11	11	8	9	nw.	Prof. Thos. H. White.
Cumberland	Allegany	623	61	34.7	+1.6	68	24	0	9	38	1.62	-0.88	0.43	4.0	8	15	3	10	.....	A. B. Cochrane.
Darlington	Harford	300	43	33.8	+2.6	61	24	1	13	35	3.16	-0.08	0.90	11.0	12	12	6	10	.....	Harvey H. Weiss.
Easton	Talbot	35	43	38.8	+3.8	66	8	15	10	32	3.09	-0.11	0.85	4.5	12	13	6	9	nw.	Fred. C. Jones.
Elkton	Cecil	28	7	34.6		66	24	1	13	39	3.33		0.92	9.0	10	13	6	9	nw.	Clement E. Bray.
Emmitsburg	Frederick	720	65	34.5	+2.3	64	24	7	12	27	2.61	-0.58	0.90	8.5	8	15	2	11	nw.	H. W. Bouchelle.
Fallston II	Harford	450	64	34.8	+2.8	63	24	4	12	29	2.49	-1.09	0.73	10.8	12	12	6	10	nw.	Mt. St. Mary's College.
Ferry Landing II	Calvert	110	17	38.6	+1.4	69	24	11	6	31	2.23	-0.52	0.60	6.0	10	13	6	9	nw.	Miss Dora Curtiss.
Frederick	Frederick	325	59	36.0	+2.8	68	24	7	12	31	2.85	-0.15	0.82	7.0	9	15	2	11	nw.	Thos. J. Bourne.
Friendsville	Garrett	1,501	15	31.0	-1.4	69	24	7	9	42	2.74	-0.40	0.52	10.5	12	11	6	11	.....	August T. Brust.
Frostburg	Allegany	1,929	32	33.4	+2.9	60	24	3	9	36	1.96	-0.83	0.44	7.0	9	14	4	10	.....	Joab J. Friend.
Grantsville	Garrett	2,351	40	29.4	+2.4	58	22	7	9	41	2.27	-1.00	0.51	7.1	14	11	6	11	.....	T. F. Lewis.
Great Falls II	Montgomery	200	44	35.6	+2.5	65	8	4	12	34	2.81	+0.08	0.67	8.0	11	13	6	9	nw.	Floyd J. Miller.
Hancock (Tomoloway)	Washington	455	23	33.8	+2.3	67	24	1	12	39	1.64	-0.76	0.52	4.5	7	14	5	9	nw.	Chas. E. Sullivan.
Hancock (City)	do.	421	9								1.67	-0.73	0.58	5.2	8	.....	.....	.....	.....	Marvin K. Murray.
Keadysville	do.	490	29	34.8	+1.8	67	24	1	12	37	1.55	-1.04	0.56	5.5	8	15	3	10	nw.	J. A. Miller.
La Plata	Charles	190	16	38.5	+0.8	70	24	9	6	35	2.73	+0.08	0.70	6.1	14	13	6	9	nw.	Walter M. Page.
Laurel	Prince Georges	320	39	36.6	+3.5	66	24	8	12	32	2.69	-0.21	0.61	7.0	14	15	4	9	nw.	Evan G. Chaney.
Lutherville	Baltimore	340	7	35.6		63	24	1	12	36	2.87		0.77	10.6	13	13	5	10	nw.	August W. Clark, P. M.
Maryland Line	do.	840	9	33.6		63	24	8	6	28	3.35		1.02	9.5	11	13	5	10	nw.	Chester L. Fulton.
Mechanicsville	St. Marys	165	7								3.20		0.93	9.0	10	13	6	9	nw.	Zach S. Graves.
Millington	Kent	27	36	37.4	+3.6	66	8	12	13	30	3.12	-0.21	0.80	8.0	14	13	6	9	nw.	Henry L. Higman.
Oakland	Garrett	2,461	34	30.7	+2.7	60	24	7	9	43	2.96	-0.46	0.90	7.5	13	9	8	11	w.	R. E. Weber.
Parkton	Baltimore	780	3	34.6		64	24	6	12	28	3.30		1.03	9.9	11	11	7	10	nw.	C. B. Cornell.
Picardy	Allegany	900	7	34.8		64	24	4	9	33	1.55		0.36	5.0	7	14	4	10	w.	American Fruit Growers.
Pleasant Hill II	Baltimore	660	9								3.56		1.00	11.0	12	12	6	10	nw.	J. E. Henry.
Pocomoke City	Worcester	37	28								4.80	+1.31	1.22	6.0	9	11	8	9	.....	Wm. H. Dryden.
Princess Anne	Somerset	17	58	39.2	+2.1	67	24	14	6	37	4.89	+1.42	1.52	7.0	11	11	8	9	nw.	James R. Stewart.
Ridgely	Caroline	57	43	38.8	+4.2	65	8	15	6	45	3.13	+0.02	0.72	7.2	13	14	5	9	nw.	Albert White.
Rock Hall	Kent	25	19	36.9	+2.3	65	8	13	9	34	2.87	-0.33	0.80	5.5	12	13	6	9	nw.	Charles Judefind.
Salisbury	Wicomico	23	28	40.0	+2.1	67	8	12	6	33	4.66	+1.52	1.40	7.0	11	14	5	9	nw.	Homestead Dairy Farms.
Sines (Deep Creek)	Garrett	2,040	6	28.4		60	22	7	12	44	3.16		0.92	6.5	15	10	7	11	.....	C. E. MacMurray.
Snow Hill	Worcester	15	3	40.0		66	24	9	6	41	4.10		1.30	7.0	8	13	6	9	nw.	Richard Leake.
Solomons	Calvert	20	42	40.6	+4.7	65	24	15	10	39	3.82	+0.92	1.00	12.0	11	14	5	9	nw.	J. J. Daley.
State Sanatorium	Frederick	1,460	25	33.4	+2.2	60	24	5	12	28	2.34	-0.63	0.85	7.5	9	14	3	11	.....	Dr. V. F. Cullen.
Stevensville	Queen Annes	19	7	38.4		64	8	16	6	29	2.75		0.80	4.6	12	11	8	9	nw.	T. R. Price.
Takoma	Montgomery	320	35	38.3	+5.3	63	24	12	12	33	2.95	-0.02	0.72	7.2	12	14	5	9	.....	Milton L. Seaman.
Towson	Baltimore	455	22								2.97	+0.05	0.82	10.9	14	12	6	10	.....	Metropolitan District.
Western Port	Allegany	1,000	40	35.0	+2.9	68	24	0	9	36	2.04	-0.29	0.72	8.0	11	.....	.....	.....	.....	Norris Bruce.
Westminster	Carroll	770	24	34.8	+2.4	65	24	3	12	30	3.58	+0.41	1.20	9.5	11	13	4	11	nw.	Harry J. Mathias.
Woodstock	Baltimore	415	64	36.3	+3.1	65	24	0	13	40	3.41	+0.32	0.90	11.0	12	13	5	10	nw.	Woodstock College.
<i>Dist. of Columbia</i>																				
Washington**		112	63	38.4	+3.1	68	24	14	9	46	2.63	-0.64	0.57	8.3	12	13	6	9	nw.	U. S. Weather Bureau.
<i>Delaware</i>																				
Bridgeville	Sussex	45	43	39.2	+4.0	68	8	12	6	45	3.88	+0.44	1.18	6.0	12	13	7	8	nw.	George Ray.
Delaware City	New Castle	12	47	36.9	+2.9	65	24	8	12	42	3.12	+0.40	0.85	13.0	9	13	6	9	nw.	James E. Maden.
Dover	Kent	34	44	38.2	+2.7	68	8	11	6	37	3.37	+0.10	1.00	8.5	10	13	6	9	nw.	Arthur G. Livingston.
Milford	Sussex	20	51	39.2	+3.6	67	8	10	6	49	4.24	+0.73	1.28	9.0	10	14	6	8	nw.	Chas. J. Holzmueller.
Millsboro	do.	20	41	39.4	+3.9	68	24	9	6	47	4.03	+0.46	1.10	7.0	9	14	6	8	nw.	G. L. Ellis.
Wilmington	New Castle	86	40								3.28	-0.07	0.97	12.0	11	13	6	9	nw.	Street Department.
Wilmington	do.	260	22	35.6	+2.9	62	8	8	12	35	3.59	+0.24	0.99	13.0	11	13	6	9	nw.	Water Department.
<i>Means and extremes:</i>																				
For Maryland and District of Columbia				35.9	+2.1	70	24	8	12	47	2.93	-0.11	1.52	7.7	11	13	5	10	nw.	
For Delaware				38.1	+3.2	68	8	12	49	3.68	+0.37	1.28	9.3	10	13	6	9	nw.		
For entire section				36.2	+2.2	70	24	8	12	49	3.01	-0.07	1.52	7.8	11	13	5	10	nw.	

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, Hay and Water Sts. \*\*Weather Bureau Building, 24th and M Sts.  
 ‡Prettyboy Dam. ††Drum Point Light Station. †††Municipal Building. ††††Porter Reservoir.

Daily Precipitation for February, 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				
<i>Maryland</i>																																					
Aberdeen	Atlantic	.15	T.		.23	T.		.72	.02		.16	.48		T.	.31		.02	.02	T.	.85			.03			.13	T.								3.12		
Annapolis	do.	.11	.17		.30	T.		.13	.35	T.		.70		T.	.10		.04	.04	T.	.69			.08			.18	T.								2.83		
Baltimore***	do.	.16			.15	T.		.70	.07	T.		.30	.51		T.	.16		.01	.03	T.	.61			.08			.17	T.							2.95		
Bell	do.	.15	.06		.25	T.		.09	.46	T.		.60		T.	.11		.04	T.		.54			.08			.16	T.								2.54		
Boysd	do.	.15	.02		.25	T.		.22	.37	T.		.50		T.	.22		.06	T.		.75			.02			.22	T.								2.78		
Cambridge (near)	do.	*	.55		.50	T.		*	.50	T.		1.00		T.	.30		T.	*		.95			*		*	.20	T.								4.00		
Cecilton	do.	.15	.04		.40	T.		.05	.60	T.		.85		T.	.30		T.	.07		.90			.05			.15	T.								3.56		
Cheltenham	do.	.08	.03		.25	.01		.17	.38	.06		.60		T.	.08		.05	.08		.53			.06			.20	T.								2.58		
Chewsville	do.	.04			.08	T.		.31	.07	T.		.55		T.	T.		T.	.02		.30			T.			.22	T.								1.59		
Clear Spring	do.	.10			.05	T.		.19	.10	T.		.70		T.	T.		T.	*		.20			T.			.17	T.								1.51		
Coleman	do.	.15	.05		.25	T.		.16	.51	T.		.60		T.	.20		T.	.05		.85			.05			.15	T.									3.02	
College Park	do.	.15	.02		.30	T.		.11	.60	.02		.60		T.	.02		.09	.10		.60			.06			.19	T.									2.88	
Cristfield	do.	.04	.40		.80	T.		.71	.21	T.		1.15		T.	.36		T.	.06		1.40			T.			.10	T.									5.38	
Cumberland	do.	*	.09		*	.10		*	.43	.01		.30		T.	T.		T.	T.		.31			T.			.08	.30									1.62	
Darlington	do.	*	*		*	*		*	1.05	T.		.80		T.	T.		T.	*		1.14			.02			.15	T.									3.16	
Easton	do.	.08	*		*	T.		.48	.27	.35		.85		T.	.10		T.	*		.75			.05			.21	T.									3.09	
Eikton	do.	.08	T.		.25	T.		.30	.60	T.		.75		T.	.18		T.	.11		.92			.02			.12	T.									3.33	
Emmitsburg	do.	.08			.13	.10		.35	.55	T.		.55		T.	T.		T.	T.		.65			T.			.20	T.									2.61	
Fallston	do.	.07	.01		.33	T.		.11	.44	.01		.73		T.	.14		T.	.08		.43			.02			.17	T.									2.49	
Ferry Landing	do.	.05	.05		.30	T.		.18	.25	T.		.60		T.	.05		T.	.05		.60			*		.15	T.										2.23	
Frederick	do.	.37			.13	T.		.22	.55	T.		.50		T.	T.		T.	.06		.82			*.02		.18	T.										2.85	
Friendsville	Ohio	*	*		*	T.		.60	.29	T.		.20		T.	.50		T.	T.		.43	T.		T.		.56	.25	T.									2.74	
Frontsburg	Atlantic	.08			.10	.09		.09	.28	T.		.36		T.	.08		T.	.02		.44	T.		T.		.40	.12	T.									1.96	
Groatsville	Ohio	.09			.07	.08		.15	.12	.03		.15		T.	.31		T.	.02		.50	T.		T.		.04	.12	T.									2.27	
Great Falls	Atlantic	.18			.20			.64	.04			.60		T.	.10		T.	.12		.62	.03		T.		.04	.22	T.									2.81	
Hancock (Tonoloway)	do.	.08			.03	T.		.08	.36	T.		.52		T.	T.		T.	T.		.40			T.		.17	T.										1.64	
Hancock (City)	do.	.07			.03			.40	.02			.58		T.	T.		T.	.01		.40			T.		.16	T.										1.67	
Keedysville	do.	.06			.07	T.		.09	.06	T.		.52		T.	T.		T.	.01		.56			T.		.18	T.										1.55	
La Plata	do.	.14	.07		.21	T.		.20	.30	.03		.70		T.	.09		.15	.02	.05	.56			.06		.06	.20	T.									2.78	
Laurel	do.	.20	.01		.30	T.		.09	.58	.01		.61		T.	.05		.03	.04		.56			.01		.19	.01	T.									2.69	
Lutherville	do.	.09	.02		.12	.01		.12	.64	.03		.77		T.	.19		T.	.03		.65			.04		.16	T.										2.87	
Maryland Line	do.	.06	T.		.20	T.		.22	.80	.02		.75		T.	*		T.	*		1.10			*		.20	T.										3.35	
Mechanicsville	do.	*	.22		.60	T.		*	.47	T.		.93		T.	*		T.	*		.73			.05		.20	T.										3.20	
Millington	do.	.08	.10		.40	.05		.18	.25	.05		.80		T.	.20		.03	.08		.77			.04		.14	T.										3.12	
Oakland	Ohio	.10			.06	.05	T.	.23	.33	.04		.15		T.	*		.40	T.	T.	.58	T.		.04		.90	.08	T.									2.96	
Parkton§	Atlantic	.07	T.		.17	T.		.14	.89	.02		.78		T.	.08		T.	.04		.91			.02		.18	T.										3.30	
Picardy	do.	.09			.10	T.		.12	.24	T.		.35		T.	T.		T.	T.		.32			T.		.33	T.										1.55	
Pleasant Hill	do.	.10	.02		.30	T.		.25	.75	.05		.80		T.	.20		T.	.04		.80			.05		.20	T.										3.56	
Pocomoke City	do.	T.	.48		1.22	T.		.30	.41	T.		1.13		T.	.30		T.	.12		.72			.02		.12	T.										4.80	
Princess Anne	do.	.30	.12		.70			.30	T.			1.52		T.	.05		.27	.08		1.35			.07		.13	T.										4.89	
Ridgely	do.	.05	.20		.40	.02		.04	.44	T.		.72		T.	.20		T.	*		.78			*		.18	T.										3.13	
Rock Hill	do.	.12	.10		.25	T.		.06	.45	T.		.80		T.	.15		.03	.02		.74			.03		.12	T.										2.87	
Salisbury	do.	.07	.34		.70	T.		.05	.50	T.		1.40		T.	.25		T.	.08		1.03			.14		.10	T.										4.66	
Sines**	Ohio	.11			.08	.04	T.	.35	.20	T.		.05	.11		T.	.13		.38	.04	T.	.14		.50	T.	.04	.92	.07	T.								3.16	
Snow Hill	Atlantic	T.	.40		.70	T.		.10	.50	T.		1.30		T.	.20		T.	T.		.80			T.		.10	T.										4.10	
Solomons§§	do.	*	.33		1.00	T.		*	.44	.10		.98		T.	.14		T.	T.		.58			.05		.20	T.										3.82	
State Sanatorium	do.	.02			.04	.04		.35	.50	.05		.60		T.	T.		T.	T.		.60			T.		.14	T.										2.34	
Stevensville	do.	.04	.10		.25	T.		.02	.40	T.		.80		T.	.10		.04	.05		.70			.05		.20	T.										2.75	
Takoma	do.	.18	.01		.30	T.		.17	.55	T.		.67		T.	.11		.09	.01		.63			.04		.19	T.										2.95	
Towson	do.	.15	.01		.15	.02		.04	.65	.04		.82		T.	.01		.18	T.	*	.67			.03		.20	T.										2.97	
Western Port	do.	.10			.10	.05		.20	.12	T.		.15		T.	.05		T.	T.		.50			.05		.70	.02	T.									2.04	
Westminster	do.	.06	T.		.18	.05		.20	1.00	T.		.66		T.	.35		.06	T.	T.	.75			.04		.23	T.										3.58	
Woodstock	do.	.10	.05		.30	.10		.06	.84	T.		.70		T.	.17		T.	T.		.80			.06		.20	T.										3.41	
<i>District of Columbia</i>																																					
Washington***	Atlantic	.14			.36			.53	.07			.16	.42		T.	T.	.09		.05	.02		.57		.05		.17	T.									2.63	
<i>Delaware</i>																																					
Bridgeville	Atlantic	.04	.17		.50	T.		T.	.59	.09		1.13			.03		.15		T.	.07			.89		.05		.12	T.								3.88	
Delaware City	do.	T.	.10		.50	T.		T.	.60	T.		.80		T.	.10		T.	.05		.85			.02		.10	T.										3.12	
Dover	do.	.09	.14		.55	T.		T.	.50	T.		1.09		T.	.10		T.	.04		.77			.04		.10	T.											3.37
Millford	do.	.07	.23		.60	T.		T.	.63	T.		1.28		T.	.12		T.	.07		1.12			.04		.08	T.										4.24	
Millsboro	do.	T.	.50		.51	T																															

Daily Temperatures for February, 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		
<i>Maryland</i>																																		
Aberdeen.....	Maximum	47	60	43	32	29	32	52	62	25	28	36	29	36	44	41	38	42	52	48	48	49	45	62	66	44	40	44	52	.....	.....	.....	43.8	
	Minimum	29	38	29	24	17	15	30	21	15	17	21	4	10	29	26	15	28	34	32	37	31	26	39	38	38	29	29	30	.....	.....	.....	26.1	
Annapolis.....	Maximum	49	59	57	43	31	33	46	62	58	30	37	34	39	45	45	39	41	53	51	49	50	55	60	65	63	46	45	51	.....	.....	.....	47.7	
	Minimum	33	39	35	28	21	16	31	38	16	16	24	18	24	35	35	21	33	34	30	40	37	25	36	38	40	35	27	31	.....	.....	.....	29.9	
Baltimore (U.S.W.B.)	Maximum	47	62	47	34	30	36	46	62	26	31	37	31	40	47	45	44	46	55	48	56	50	46	63	68	49	43	45	55	.....	.....	.....	46.0	
	Minimum	37	35	33	28	19	17	33	21	15	18	24	16	22	37	32	25	31	40	38	39	36	30	39	48	49	31	29	32	.....	.....	.....	29.9	
Bell.....	Maximum	49	61	56	41	30	35	46	67	44	39	37	33	41	47	43	42	45	55	49	54	51	51	63	67	65	42	44	52	.....	.....	.....	48.0	
	Minimum	26	39	33	20	16	7	24	40	13	8	23	4	8	34	15	28	34	24	37	50	19	37	28	39	38	25	29	.....	.....	.....	25.6		
Boyd.....	Maximum	42	59	48	32	28	32	41	63	29	34	32	29	37	45	42	40	48	52	58	50	40	61	65	63	49	42	50	.....	.....	.....	44.5		
	Minimum	26	35	30	24	19	7	29	29	11	13	25	4	0	33	22	16	26	32	25	40	34	22	38	29	38	32	25	.....	.....	.....	24.8		
Cambridge (near).....	Maximum	52	58	60	42	33	32	47	65	62	34	36	36	42	53	49	49	59	54	51	54	53	48	63	66	60	46	45	51	.....	.....	.....	49.8	
	Minimum	30	35	34	25	21	19	29	40	18	18	26	21	11	31	31	19	26	33	29	36	34	24	33	36	37	32	28	.....	.....	.....	30.4		
Cecilton.....	Maximum	48	59	52	37	31	31	45	64	53	31	36	35	39	44	42	38	41	53	48	50	49	46	61	64	58	44	42	51	.....	.....	.....	46.1	
	Minimum	29	38	31	26	20	16	26	40	15	16	22	11	11	31	31	19	26	33	29	36	34	24	33	36	37	32	28	.....	.....	.....	27.1		
Cheltenham.....	Maximum	59	62	59	43	30	35	47	67	43	35	37	35	42	48	44	43	45	57	52	54	53	51	64	68	64	47	45	54	.....	.....	.....	49.2	
	Minimum	32	38	35	23	20	12	29	40	13	9	23	14	19	35	34	17	30	36	28	38	35	21	38	34	39	34	25	.....	.....	.....	27.9		
Chewsville.....	Maximum	44	56	48	35	28	31	40	55	28	31	31	25	34	43	38	40	45	49	46	53	47	49	58	64	53	45	42	49	.....	.....	.....	43.0	
	Minimum	31	31	26	23	15	10	29	27	8	10	15	8	9	26	28	12	29	30	29	38	33	22	41	30	24	23	.....	.....	.....	23.4			
Clear Spring.....	Maximum	46	60	56	37	34	34	40	54	34	26	27	28	35	43	37	38	48	49	47	53	48	51	61	67	56	39	43	51	.....	.....	.....	44.3	
	Minimum	32	30	29	25	17	10	29	27	12	16	15	8	8	28	28	14	25	32	22	40	36	24	37	34	35	31	24	.....	.....	.....	24.5		
Coleman.....	Maximum	47	58	54	44	30	34	45	65	61	31	37	31	39	44	44	41	45	55	51	49	48	47	60	64	59	43	44	51	.....	.....	.....	47.2	
	Minimum	31	37	33	27	20	16	27	38	14	16	22	14	11	33	32	21	29	33	29	35	26	37	36	37	32	27	.....	.....	.....	.....	.....	27.8	
College Park.....	Maximum	50	58	59	43	30	36	47	67	43	35	38	34	40	46	44	43	44	56	52	55	52	52	64	66	65	42	45	52	.....	.....	.....	48.4	
	Minimum	27	38	30	22	19	13	30	41	14	13	24	5	6	35	35	18	31	35	24	39	36	21	40	29	39	34	27	.....	.....	.....	27.0		
Crisfield.....	Maximum	52	62	56	46	34	32	46	62	50	38	45	35	46	50	50	40	53	51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45.6	
	Minimum	32	40	34	27	22	19	29	45	19	16	29	23	20	38	35	25	30	42	41	42	46	51	53	52	50	44	41	.....	.....	.....	.....	.....	28.8
Cumberland§§.....	Maximum	50	56	44	34	24	42	53	50	23	30	33	45	49	37	51	53	52	50	54	45	61	59	68	63	66	44	50	.....	.....	.....	.....	.....	45.6
	Minimum	26	35	26	23	12	10	23	35	0	8	12	4	13	22	35	20	21	32	24	26	39	23	27	44	41	32	25	.....	.....	.....	.....	.....	28.8
Darlington.....	Maximum	46	57	50	38	32	30	41	58	36	30	32	28	36	43	40	38	44	49	43	50	44	47	55	61	56	40	41	50	.....	.....	.....	43.4	
	Minimum	25	31	28	26	19	10	27	36	12	13	18	4	1	27	30	9	18	33	27	39	35	24	33	37	33	26	.....	.....	.....	.....	.....	29.0	
Easton.....	Maximum	39	35	35	25	21	17	21	40	20	15	25	20	18	36	34	24	29	36	27	39	37	24	33	36	40	33	28	.....	.....	.....	.....	.....	24.3
	Minimum	20	30	28	23	14	34	44	63	34	31	39	25	18	41	39	42	43	54	50	54	45	39	36	40	33	28	.....	.....	.....	.....	.....	45.0	
Elkton.....	Maximum	48	60	48	34	30	34	44	63	34	31	39	25	18	41	39	42	43	54	50	54	45	39	36	40	33	28	.....	.....	.....	.....	.....	45.0	
	Minimum	26	38	27	25	19	11	27	34	14	15	21	0	1	24	31	22	33	27	32	34	23	34	32	31	32	27	.....	.....	.....	.....	.....	24.2	
Emmitsburg.....	Maximum	44	57	50	38	33	30	37	57	34	26	32	26	32	48	40	40	43	50	47	52	48	47	60	64	61	43	43	50	.....	.....	.....	43.6	
	Minimum	33	32	29	26	16	11	27	30	10	10	20	7	11	28	30	19	26	34	24	33	35	23	38	41	36	29	24	.....	.....	.....	.....	.....	25.4
Fallston.....	Maximum	47	57	50	39	31	32	44	62	34	28	33	28	37	49	42	39	44	50	45	52	49	45	59	63	58	40	42	50	.....	.....	.....	44.5	
	Minimum	31	38	28	24	17	10	27	33	11	13	19	4	13	29	31	14	24	33	27	35	27	23	35	36	30	24	.....	.....	.....	.....	.....	25.1	
Ferry Landing.....	Maximum	42	66	55	41	31	34	46	67	39	31	38	34	41	49	44	42	50	57	49	55	54	50	66	69	60	47	46	55	.....	.....	.....	48.7	
	Minimum	32	37	33	26	20	11	29	36	14	12	24	17	21	34	33	21	29	36	30	38	36	24	38	38	40	33	26	.....	.....	.....	.....	.....	28.5
Frederick.....	Maximum	49	59	53	40	30	33	40	62	33	32	35	28	33	42	41	42	39	56	50	55	51	62	68	62	41	44	53	.....	.....	.....	.....	.....	45.8
	Minimum	28	35	33	28	18	13	29	32	11	14	20	7	7	28	33	18	26	31	27	38	37	25	37	37	32	26	.....	.....	.....	.....	.....	26.3	
Friendsville.....	Maximum	48	50	40	30	26	38	48	52	12	27	24	32	41	49	45	40	47	46	45	40	60	54	60	62	42	32	43	.....	.....	.....	.....	.....	42.0
	Minimum	27	35	21	20	4	2	34	10	7	1																							