

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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No. 3

**GENERAL SUMMARY**

March was cold, wet, and windy, with mean temperature 4° below normal and average precipitation about 1 inch above normal. It was the first wet March since 1924 and the first wet month since November, 1929. It broke the unusual drought of eight months—July, 1930, to February, 1931, inclusive—during which the total average precipitation was 12.21 inches, or 45 per cent of normal. Monthly sunshine was about 10 per cent below normal. Relative humidity averaged normal. Northeast rains were frequent, and they were moderate to heavy on 1st, 8th, and 28–29th. Light snowfall was unusually frequent in the Allegheny Mountain region where blizzard-like conditions prevailed from 9th to 12th, inclusive. Strong winds were also frequent. The only heavy snowstorm of the season over the eastern half of the section occurred on 16–17th.

Temperatures were mild on 1st–2d, 5–8th, 13–14th, and 23d–27th. Cold periods were 3d–4th, 9–12th, 15th–22d, and 28th–31st.

Monthly precipitation, mostly rain, averaged one and one-fourth times the normal. Totals were slightly under 4 inches in western Maryland, southern portion of north-central Maryland, and District of Columbia; elsewhere they were mostly between 4 and 5 inches, except between 5 and 6 inches over the central Eastern Shore.

Monthly snowfall averaged one and three-fifths times the normal. There were two areas of maximum monthly snowfall—an extensive one, with totals 10 to 14 inches, embracing the central portion of the eastern half of the section; a lesser one, with totals 12 to 18 inches, embracing the Allegheny Mountain highlands. The area of least monthly snowfall was between the Blue Ridge and Allegheny Mountains, with totals 1 to 5 inches.

Light snow fell in the Allegheny Mountain region on 1st, 6th to 12th, 14th to 17th, 19th, 20th, 22d, 23d, and 26th, the highlands being snow-covered from 6th to 19th. Light snow fell also in Allegany County on 8th and in Washington County on 8th and 16–17th. A light snowfall on the 16th in central and eastern divisions was followed by a heavy snowstorm that night, except in southwest portion of north-central Maryland where the fall continued light.

In the early morning of the 17th there was a general prostration of telegraph and telephone trunk lines on the Eastern Shore, under weight of accumulated wet snow, causing a loss estimated at \$1,000,000.

Winter grains and grasses greened nicely, but made little growth and were backward for the season. Fields were spotty, owing to the drought. In the Allegheny Mountain region the crop of maple sugar and sirup was above average in quality and quantity; elsewhere over the section plowing, pruning and spraying orchards, stripping tobacco, preparing gardens, and planting peas, early potatoes, vegetables, and truck, and sowing oats, grass, and clover were in progress, while peach, pear, plum, and cherry tree buds were developing, and strawberry plants

were showing up nicely. During the second half of the month the surface soil was well saturated and the water supply was improving.—*J. B., jr.*

**PRESSURE**

The monthly mean sea-level pressure at Washington, D. C., was 29.94; at Baltimore and Aberdeen, 29.92 inches. The highest at Washington, D. C., was 30.40; at Baltimore and Aberdeen, 30.39 inches—all on the 27th. The lowest at Washington, D. C., was 29.20; at Baltimore, 29.16; at Aberdeen, 29.15 inches—all on the 8th.

**TEMPERATURE**

The monthly mean for the section, 39.3°, is 3.7° below normal. The highest monthly mean was 41.9° at Baltimore; the lowest, 31.2°, at Sines. The highest temperature, 65°, occurred at Rock Hall and Salisbury on the 25th; the lowest, 14°, at Friendsville and Grantsville on the 11th. The greatest local monthly range was 45° at Frostburg; the least, 31°, at Wilmington. The greatest daily range was 35° at Western Port on the 21st.

**PRECIPITATION**

The monthly average for the section, 4.38 inches, is 0.95 inch above normal. The greatest monthly amount was 5.97 inches at Millsboro; the least, 3.22 inches, at Picardy. The greatest 24-hour amount was 1.90 inches at Emmitsburg and Delaware City on the 28–29th. The average monthly snowfall for the section, 7.4 inches, is 2.9 inches above normal. The greatest monthly snowfall was 18.0 inches at Sines; the least, a trace, at Washington, D. C. The number of days with 0.01 inch or more of precipitation, 13, is 3 above normal.

**RELATIVE HUMIDITY**

The average percentages were: Washington, D. C., 8 a. m., 69; 12 noon, 53; 8 p. m., 56. Baltimore, Md., 8 a. m., 72; 12 noon, 59; 8 p. m., 64. Aberdeen, Md., 8 a. m., 71; 4 p. m., 62. Philadelphia, Pa., 8 a. m., 63; 12 noon, 54; 8 p. m., 60.

**WIND**

(By 3-cup anemometer, except 4-cup at Aberdeen, Md.)

The prevailing direction for the section was northwest. The total movement at Washington, D. C., was 6,158; at Baltimore, 8,638; at Aberdeen, 7,087 miles. The maximum velocity at Washington, D. C., was 30 miles from the northwest on the 10th; at Baltimore, 35 miles from the northeast on the 8th; at Aberdeen, 40 miles from the north on the 3d.

**SUNSHINE AND CLOUDINESS**

At Washington, D. C., 46 per cent of the possible sunshine was recorded; at Baltimore, 50 per cent; at Aberdeen, 43 per cent. For the whole section the average number of clear days was 7; partly cloudy, 10; cloudy, 14.

**MISCELLANEOUS PHENOMENA (WITH DATES)**

*Corona, lunar.*—Boyd's, 28; Grantsville, 1.

*Corona, solar.*—Grantsville, 18.

*Damage by high wind.*—On 8th: Thirty-foot steeple on Catholic Church at Boonsboro blown down and Peoples Bank at Smithsburg unroofed.

*Ducks, wild, flying north.*—Grantsville, 19.

*Fogs, dense.*—Aberdeen, 29; Fallston and La Plata, 28; State Sanatorium, 1, 19.

*Frogs, first croaking.*—Boyd's, 20; College Park, 23; Princess Anne, 22.

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Climatological Data for March, 1931

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches				Number of days			Prevailing direction of wind	Observers		
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear			Partly cloudy	Cloudy
<i>Maryland</i>																				
Aberdeen	Harford	80	13	40.3	-2.6	58	25	26	11	23	4.42	+1.75	1.21	3.0	12	4	8	19	nw.	U. S. Army.
Annapolis	Anne Arundel	45	66	41.4	-2.1	59	28	26	11	23	3.87	+0.04	1.22	8.0	10	7	10	14	nw.	Louis E. Foster.
Baltimore*		115	61	41.9	-3.4	60	28	27	11	21	4.62	+0.91	1.37	10.0	11	6	9	16	nw.	U. S. Weather Bureau.
Bell II	Prince Georges	151	11	39.4	-5.1	63	25	20	21	32	7.77	+1.13	1.39	6.3	11	7	13	11	nw.	Bureau Plant Industry.
Boys	Montgomery	375	12	39.2	-5.2	56	25	24	11	29	3.51	+0.62	1.23	8.0	14	8	10	13	nw.	Ralph F. Saley.
Cambridge (near)	Dorchester	25	38	41.2	-4.0	61	25	27	21	26	4.60	+0.73	1.00	8.0	10	8	6	17	nw.	Matt Harding.
Cecilton	Cecil	85	13	40.7	-4.1	62	25	27	11	23	4.27	+1.19	1.14	11.0	12	9	8	14	nw.	James Reese Short.
Cheltenham	Prince Georges	230	31	40.4	-4.7	59	26	25	11	27	4.77	+1.13	1.02	10.0	12	9	11	11	nw.	Geo. Hartnell.
Chesville	Washington	530	34	37.8	-3.6	57	23	21	11	29	3.61	+0.68	1.50	4.5	16	6	12	13	nw.	D. Paul Oswald.
Clear Spring	do	600	34																nw.	Mrs. Leo A. Cobill.
Coleman II	Kent	80	34	40.8	-3.1	61	25	26	11	23	4.37	+0.94	1.35	8.0	8	9	10	12	nw.	Walter B. Harris.
College Park	Prince Georges	87	45	41.2	-2.6	62	25	22	21	32	3.92	+0.46	1.37	4.0	13	8	12	11	nw.	Prof. Thos. A. White
Crisfield	Somerset	5	12																nw.	A. B. Cochran.
Cumberland	Allegany	623	59	39.8	-0.4	59	27	25	11	23	3.73	+0.79	1.35	0.7	13	9	11	11	nw.	Harvey H. Weiss.
Darlington	Harford	300	41	38.6	-2.9	60	27	25	11	28	4.38	+1.09	1.18	5.0	10	4	14	13	nw.	Fred. C. Jones.
Easton	Talbot	35	41	40.4	-3.9	61	25	26	11	26	5.31	+1.84	1.80	14.0	10	8	7	16	w.	Clement E. Bray.
Elkton	Cecil	28	5	40.4		61	26	25	11	30	5.03		1.67	8.0	13	9	8	14	w.	H. W. Bouchelle.
Emmitsburg	Frederick	720	63	38.6	-1.9	65	26	22	11	20	5.57	+1.63	1.90	8.0	9	7	7	17	w.	Mt. St. Mary's College.
Fallston II	Harford	450	62	38.8	-1.3	59	25	22	11	24	4.88	+1.02	1.23	9.0	13	6	12	13	nw.	Mess Dora Curtiss.
Ferry Landing II	Calvert	110	15	39.6	-6.6	63	25	24	11	28	4.31	+0.97	0.89	8.0	11	9	10	12	nw.	Thos. J. Bourne.
Frederick	Frederick	325	57	40.8	-1.6	60	23	24	11	26	5.05	+1.81	1.76	1.5	13	8	11	12	w.	A. T. Brust.
Friendsville	Garrett	1,501	13	32.4	-6.9	52	27	14	11	30	3.78	+0.15	0.90	13.5	15	2	6	23	w.	Joab J. Friend.
Frostburg	Allegany	1,920	30	35.4	-4.0	60	1	15	11	30	3.77	+0.17	1.22	6.8	13	5	12	14	w.	T. F. Lewellen.
Grantsville	Garrett	2,351	38	31.1	-5.6	52	14	14	11	27	3.55	-0.07	1.07	12.5	17	2	9	20	nw.	Flord J. Miller.
Great Falls II	Montgomery	200	42	39.6	-4.1	61	25	21	21	34	3.36	+0.21	1.15	8.0	11	8	12	11	nw.	Chas. E. Sullivan.
Hancock (Tonoloway)	Washington	455	21	38.1	-4.2	57	23	19	21	33	3.94	+0.94	1.44	1.0	12	10	9	12	nw.	American Fruit Growers.
Hancock (City)	do	421	7								3.81	+0.81	1.50	1.0	15				nw.	William R. Murray.
Keedysville	do	400	27	40.0	-3.3	61	23	21	11	33	4.00	+1.16	1.45	1.5	11	7	10	14	nw.	J. A. Miller.
La Plata	Charles	130	11	41.0	-5.7	64	25	25	11	30	3.39	+0.59	0.82	7.0	12	7	12	12	nw.	Walter M. Page.
Laurel	Prince Georges	320	37	39.8	-3.3	60	25	19	11	32	3.94	+0.40	1.41	4.5	12	9	9	13	nw.	Evan G. Chaney.
Lutherville	Baltimore	340	5	39.7		61	25	23	7	32	5.15		1.50	10.4	13	9	8	14	nw.	August W. Clark, P. M.
Maryland Line	do	840	7	37.6		56	27	22	11	24	3.82		1.38	8.0	10	8	11	12	w.	Chester L. Fulton.
Mechanicsville	St. Marys	165	5								3.48		0.95	13.0	11	9	8	14	nw.	Zach S. Graves.
Millington	Kent	27	34	40.8	-3.2	62	25	26	11	30	5.36	+1.60	1.21	9.0	12	8	10	13	w.	Henry L. Higman.
Oakland	Garrett	2,461	32	32.0	-4.9	51	14	15	11	29	3.51	-0.22	0.88	13.0	17	2	9	20	w.	R. E. Weber.
Picardy	Allegany	900	5	37.5		54	31	20	11	25	3.22		1.24	1.0	11	9	11	11	w.	American Fruit Growers.
Pleasant Hill II	Baltimore	660	7								4.68		1.37	8.0	11	9	10	12	nw.	J. E. Henry.
Pocomoke City	Worcester	37	26								5.59	+2.40	1.60	7.0	13	5	12	14	nw.	Wm. H. Dryden.
Princess Anne	Somerset	17	56	40.5	-5.1	62	25	26	21	30	3.99	+0.25	0.74	7.5	12	5	12	14	nw.	James R. Stewart.
Ridgely	Caroline	57	10	40.8	-3.2	62	25	26	11	27	5.02	+1.61	1.35	12.0	11	7	7	17	nw.	Albert White.
Rock Hill	Kent	25	17	40.7	-4.0	65	25	26	11	27	3.22	+1.08	1.15	12.0	10	8	11	12	nw.	Charles J. Defend.
Salisbury	Wicomico	23	26	41.0	-4.6	65	25	27	11	27	3.57	-0.21	0.91	7.0	12	8	8	15	n.	Homestead Dairy Farms.
Sinos (Deep Creek)	Garrett	2,040	4	31.2		54	14	16	11	29	4.00		0.94	18.0	21	2	4	25	nw.	C. E. MacMurray.
Solomons	Calvert	20	40	41.0	-3.8	64	25	22	11	31	5.31	+2.14		10.0	11	7	9	15	nw.	Wm. H. Goshy.
State Sanatorium	Frederick	1,460	23	36.7	-4.0	55	23	19	11	21	4.80	+1.55	1.80	12.0	11	7	7	17	nw.	Dr. V. F. Cullen.
Stevensville	Queen Annes	12	5	41.7		61	25	23	11	26	5.49		1.22	12.0	11	8	10	13	nw.	T. R. Price.
Takoma	Montgomery	320	38	40.7	-2.6	63	25	25	11	27	3.65	+0.18	1.04	8.0	11	5	12	14	nw.	L. M. Mooers.
Towson	Baltimore	465	19								5.09	+2.16	1.23	12.0	13	6	9	16	nw.	Metropolitan District.
Western Port	Allegany	1,000	38	38.7	-3.4	58	21	22	11	35	3.86	+1.09	1.35	8.8	13				nw.	Norris Bruce.
Westminster	Carroll	770	22	38.5	-3.4	57	27	21	11	27	4.38	+0.95	1.45	9.0	13	9	9	13	nw.	Prof. S. P. Caltrider.
Woodstock	Baltimore	415	61	39.8	-1.9	59	25	22	7	32	4.15	+0.55	1.28	6.0	12	8	11	12	nw.	Woodstock College.
<i>Dist. of Columbia</i>																				
Washington**		112	61	41.3	-1.3	60	25	26	11	24	3.50	-0.25	1.21	T.	14	5	12	14	nw.	U. S. Weather Bureau.
<i>Delaware</i>																				
Bridgeville	Sussex	45	8	41.0	-4.5	63	25	26	11	27	4.58	+0.84	1.24	10.0	12	7	11	13	nw.	George Ray.
Delaware City	New Castle	12	45	41.3	-0.3	60	26	25	11	26	4.90	+1.79	1.90	5.0	11	8	6	17	nw.	James E. Maden.
Dover	Kent	34	42	40.6	-2.4	62	25	26	11	23	5.74	+1.76	1.50	8.5	11	9	9	13	nw.	Arthur G. Livingston.
Milford	Sussex	20	49	40.7	-4.3	62	25	25	11	27	5.92	+1.92	1.42	10.0	15	5	13	13	w.	Chas. J. Holzmueller.
Millsboro	do	26	39	40.6	-3.7	64	25	26	11	26	5.97	+2.15	1.30	8.0	11	5	11	15	nw.	G. L. Ellis.
Wilmington	New Castle	86	38	39.2	-3.4	56	26	25	14	21	4.34	+0.96	1.37	3.0	11	8	7	16	nw.	Street and Water Depts.
<i>Means and extremes:</i>																				
For Maryland and District of Columbia				39.1	-3.8	65	25	14	11	35	4.28	+0.88	1.90	7.4	13	7	10	14	nw.	
For Delaware				40.6	-3.1	64	25	25	11	27	5.24	+1.57	1.90	7.4	12	7	10	14	nw.	
For entire section				39.3	-3.7	65	25	14	11	35	4.38	+0.95	1.90	7.4	13	7	10	14	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 sections. T. Precipitation is less than 0.01 inch rain or melted snow. Reference letters, a, b, c, appearing in the table indicate number of days missing: For example, b represents two days, etc. \*\* Post office 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; of Public Landing, Snow Hill. † Also on other dates. \* Custom House, Gay and Water Streets. \*\* Weather Bureau Building, 24th and M Streets;

(Continued from page 9)

*Hail, light.*—Northern Anne Arundel, southern Baltimore, and western Kent (Md.) Counties, 25.  
*Halos, lunar.*—3, 4, 5, 27, 28.  
*Halos, solar.*—3, 4, 6, 7, 9, 10, 13, 18, 21, 27, 31.  
*Sleet, light.*—Aberdeen, 23; Allegheny Mountain region, 29, 30, 31; Baltimore and Frederick, 7; Chesville, 7, 15; Wilmington, 17.

*Thunderstorms.*—Dover, 8; locally central and eastern divisions, 25.

*Winds, high.*—Northeast: Eastern portion of section, 1, 3, night 16-17, 22; over section, night 7-8. Northwest, 5, 8, 9, 10, 11, 12, 13, 25, 26, 29.

Daily Precipitation for March, 1931

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**	Atlantic	.90			T.			.03	1.18	T.						.04	.62	.20		.10			.11	T.	T.	.06			.90	.27		.01	4.42	
Annapolis	do	.70	.11					T.	.45	T.	T.					T.	.65	.15		.27	T.		.25	T.	T.	.07			.18	.04			3.87	
Baltimore**	do	.92						.07	.94	T.						T.	.05	.46	.27	T.		.18		.18	T.	T.	.02			1.23	.14		T.	4.62
Bell	do	.53	.10					T.	.66	T.	T.					T.	.41	.38		.22	T.	.21	.14	T.	T.	.13			.38	1.01			4.17	
Boys	do	.84	.04					T.	.50	T.	T.					T.	.08	.36	.10		.15	T.	.11	.04	.01	T.	.03		.38	.85		.02	3.51	
Cambridge (near)	do	*	.58					T.	.85	T.						T.	.60	.80		.30	T.	.30	.17		T.	T.		*	1.00				4.60	
Cecilton	do	.72	.11					T.	1.13	T.						T.	*	.75		.15	.08		.07	.06		T.	.06	T.	.12	1.02			4.27	
Cheltenham	do	.36	.10					T.	.70	T.	T.					T.	.09	.48	.90		.32	T.	.40	.30	T.	T.	.10		.15	.87			4.77	
Chewsville	do	.82	.01					.04	.38	T.						T.	.10	.19	.08		.13	.02	.05	.02	.05	.15			1.48	.02	T.	.07	3.61	
Clear Spring	do																																	
Coleman	do	.87	T.					T.	1.35	T.	T.					T.	.40	.48		.19	T.		T.	.10	T.	T.			.21	.77		T.	4.37	
College Park	do	.50	.10						.55	T.						T.	.11	.41	.27		.14	.02	.17	.10	T.	.18			.28	1.09		T.	3.92	
Crisfield	do	.77	.24					.08	.57	.02	T.					T.	.03	T.	.03		.09	.11												3.79
Cumberland	do	.68	T.					T.	1.10	T.						T.	.06	.50	.40		.22	T.	.03	T.	T.	.26			.16	.02	T.			4.38
Darlington	do	.50	.05					T.	.71	T.						T.	.40	.80		.40	T.	.30	.12	T.	T.	T.			.07	.96				5.31
Easton	do	.61	.04					T.	1.65	.02						T.	.02	.58	.40		.16	T.	.04	.02	T.	T.			1.16	.24				5.08
Elkton	do	.90	T.					T.	1.50	T.						T.	.12	*	.65		.30	T.	T.	T.	T.	.06			.85	1.05		T.	5.57	
Emmitsburg	do	.89	.02					T.	1.19	T.						T.	.05	.47	.68		.16	.01	.01	.01	T.	.16			.18	1.05			4.88	
Fallston	do	.40	.12					T.	1.54	T.	T.					T.	.05	.74	.51		.26	T.	.58	.27	T.	T.			.07	.82			4.31	
Ferry Landing	do	.86	.04					T.	1.34	T.						T.	.04	.37	.15		.25	T.	.10	.06	.06	.02			.58	1.18		T.	5.05	
Frederick	Ohio	.90				T.	.10	.10	.10	.40	.30	.20	.05			T.	T.	T.	T.		.30	T.	.08	.02	.19	.51	T.		.48	.40	T.	T.	3.78	
Friensville	Ohio	1.05						.10	.52	.05	.06	.06	.03			T.	T.	T.	T.		.17	.04	.25	T.	.05	.23			.60	.62			3.77	
Frostburg	Atlantic	1.07		T.	T.	T.	.02	.22	.25	.26	.20	.07	.02			T.	T.	T.	T.	.02	.18	T.	.08	.04	.07	.33	T.		.84	.15	.03	T.	3.85	
Grantsville	Ohio	.48	.15					T.	.56	T.	T.					T.	.08	.16	.28		.15		.15	*	*	.07	T.		.22	.93			3.36	
Hancock (Tonoaway)	do	.93						T.	.67	T.						T.	.20	.09	.08		.19	T.	.04	.12	.02			.52	.92			3.94		
Hancock (City)	do	.68	.23					T.	.32	.21	T.					T.	.12	.12	.10		.08	*	*	*	.30			.30	1.20			3.81		
Keedysville	do	.79	T.					T.	.87	T.						T.	.08	.25	.11		.14	T.	.06	T.	.12	.13			.71	.74		T.	4.00	
La Plata	do	.38	.09					T.	.56	T.	T.					T.	.05	.31	.36		.30	T.	.38	.10	T.	.04			.14	.68			5.39	
Laurel	do	.70	.09					T.	.56	T.	T.					T.	.05	.30	.25		.09	T.	.10	.09	T.	.30			.32	1.06		T.	3.94	
Lutherville	do	.94	.05					T.	1.02	T.	T.					T.	.02	.41	.62		.13	.02	.10	.05	T.	.29			.26	.24			5.15	
Maryland Line	do	.67	.05					T.	.90	T.	T.					T.	.20	.10			.20	T.	.07	T.	T.	.25			.30	1.68			3.82	
Mechanicsville	do	.48	.12					T.	.43	T.	T.					T.	.05	*	.85		.29	T.	.40	T.	T.				.15	.80			3.48	
Millington	do	.76	.10					T.	1.08	T.						T.	.90	.80		.08	.12		.05	.14	T.	.17			.11	1.10			5.96	
Oakland	Ohio	.73						.06	.12	.08	.15	.25	.08	.03		T.	.10	T.		.10	T.	.10	T.	.03	.40	.08			.88	.28	T.		3.51	
Picard	Atlantic	.91						T.	.62	T.						T.	.11	.05	.07		.10	T.	.13	T.	.07	.02			.72	.52			3.22	
Pleasant Hill	do	*	1.10					T.	.82	T.	T.					T.	.30	.52	.60		.43	T.	.60	.34	T.	.05			.37	1.00		T.	4.68	
Pocomoke City	do	.53	T.					T.	.07	.67	T.	T.				T.	.17	.60	.35		.04	T.	.50	.14	T.	.25	.10		.18	.60			5.69	
Princess Anne	do	.68	.05					T.	.68	T.						T.	.73	.92		.22	.08		.15	.16	T.	T.			.18	1.23			3.99	
Ridgely	do	.76	T.					T.	.61	T.						T.	.30	.90	.90		.20	.02	.11	T.	.17	T.			.15	1.00			4.22	
Rock Hall	do	.40	.10					T.	.59	.05	.16	.12	.02	.04		T.	.10	.35	.40		.05	T.	.60	.02	.48	T.			.15	.76			3.57	
Salisbury	Ohio	.48						.03	.18	.10	.16	.12	.02	.04		T.	.02	.04	.03		.30	T.	.08	.06	.48	T.	.40		.94	.02	.02	.38	4.00	
Sines*	Ohio	*	.70					T.	.59	T.	T.					T.	.17	*	2.10		.20	T.	.30	.35	T.	T.			*	.90			5.81	
Solomons	Atlantic	.90	T.					T.	.65	T.	T.					T.	.10	.50	.20		.30	T.	.12	T.	.08	.15			.55	1.25		T.	4.80	
State Sanatorium	do	.80	.03					T.	.73	T.						T.	.50	.00		.50	T.	.30	.06	T.	.35	T.			.12	1.10			5.49	
Stevensville	do	.48	.14	T.				T.	.70	T.	T.					T.	.69	.07	.45		.16		.32		.32	T.			.24	.80			3.65	
Takoma	do	*	1.03					T.	1.12	T.	T.					T.	.32	.80			.12	.01	*	.20	T.	.26	T.		.12	1.07			5.69	
Towson	do	1.18						T.	.12	.38	T.	T.				T.	.08	.06	T.		.05	.10	.15	.10	.07	.22			1.30	.05			3.86	
Western Port	do	.88	.03					T.	.79	T.	T.					T.	.07	.41	.32		.22	T.	.04	.04	.06	.07			.35	1.10			4.38	
Westminster	do	.93	.07					T.	.77	T.	T.					T.	.02	.33	.37		.13	T.	.11	.06	T.	.08	T.		.26	1.02			4.15	
Woodstock	do	.46						T.	.08	.53	T.					T.	.06	.47	.08		.16	T.	.27	.01	T.	.13			1.11	.10		.03	3.50	
<i>District of Columbia</i>																																		
Washington***	Atlantic	.66	.04					T.	.76	.02						T.	.57	.75		.07	.04		.18	.25		T.	T.		.09	1.15			4.58	
<i>Delaware</i>																																		
Bridgeville	Atlantic	.30	.20					T.	1.20	T.						T.	.65	.30		.10	.20		.05	.05		T.	T.		*	1.90			4.90	
Delaware City	do	.90	.05					T.	.92	T.						T.	.60	1.50		.10	.08		.08	.16	T.	T.			.10	1.24			5.74	
Dover	do	.95	.04					.02	.73	.06						T.	.02	.91	.42		.04	.04	.19	.32	T.	T.	.02		.12	1.07			5.92	
Milford	do	.50	T.					T.	1.14	T.						T.	.02	.70	1.20		.06	.06	.10	.15	T.	T.			.10	.94			5.87	
Millsboro	do	.26	.20					T.	1.28	T.						T.	.45	.43			.12	.04	T.	.02		.17	T.		.07	1.30			4.34	
Wilmington	do							T.																										

Except as otherwise indicated, observations are generally made late in afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation.  
 \*\*Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. \*\*\*Precipitation is for 24-hour period, midnight to midnight.  
 |||Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. \*Precipitation included in the next following measurement.  
 T. Trace, or less than 0.01 inch. Data in italics determined from surrounding stations.

COMPARATIVE DATA FOR MARYLAND AND DELAWARE FOR MARCH

Year	Temperature				Precipitation					Year	Temperature				Precipitation				
	Mean	Departure from the normal	Highest	Lowest	Average	Departure from the normal	Greatest local	Least local	Greatest in 24 hours		Snowfall	Number of days with .001 inch or more	Mean	Departure from the normal	Highest	Lowest	Average	Departure from the normal	Greatest

Daily Temperatures for March, 1931

Table with columns for Stations, days 1-31, and Mean. Rows list various Maryland and Delaware locations with their daily maximum and minimum temperatures.

a, b, c, etc., indicate, respectively, 1, 2, 3, etc., days missing from record. Instruments are read in morning; maximum temperature then read is charged to preceding day, in which it almost always occurs. Temperatures at Aberdeen, Baltimore, Sines, and Washington are from midnight to midnight; other stations, except Cumberland and Takoma, are for 24-hour period ending late in afternoon, near sunset. Data in italics determined from surrounding stations. (WB-6-10-31-300)