

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CHARLES F. MARVIN, Chief

In Cooperation with Maryland State Weather Service

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE SECTION

ROSCOE NUNN, Meteorologist and Section Director

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GENERAL SUMMARY

This month, with a mean temperature of 32.9°, or 0.3 above normal, was 1.4° colder than last January. Mean temperatures in general were between normal and 2° above in the eastern and central divisions and slightly below normal in western Maryland, except 1° to 2° below in the Allegheny Mountain region.

Mild weather during the closing week of December terminated on the first of January. Mild periods this month were 4-6th, 9-11th, 15th, 17th-21st, and 23d-24th. Cold spells were 2-3d, 7-8th, 12-14th, 16th, 22d, and 25th-31st, the last-named period being one of persistently low temperatures. The 7-8th and 13-14th were marked by cold waves. Lowest temperatures of the month were zero to 12°, except zero to 13° below in the Allegheny Mountain region on the 14th.

Monthly sunshine was abundant over most of the section, but very deficient in the Allegheny Mountain region. Monthly relative humidity averaged between 5 and 10 per cent below normal. There were no damaging windstorms.

Monthly precipitation, 2.68 inches, averaged four-fifths of normal. It was fairly well distributed through the month and most of it occurred at night. Monthly amounts were between 3 and 4 inches in the Allegheny Mountain region, in the northern portion of north-central Maryland, and on the Eastern Shore near the Pennsylvania line. Elsewhere they were between 2 and 3 inches, except between 1 and 2 inches in eastern Allegany and western Washington Counties, in southern Maryland, and in the western third of the southern half of the Eastern Shore.

Rains were moderate to heavy in north-central Maryland on the 1st, 5-6th, 9-10th, and 25th, and in the northern portion of the Eastern Shore on the 25th; they were heavy in the southeastern portion of the Eastern Shore on the 5-6th.

Monthly snowfall was light throughout the section, the monthly average, 2.2 inches, being barely one-third of normal, and 7.5 inches less than in January, 1928. Over the eastern half of the section monthly totals were between 0.3 inch and 2.5 inches; over the western half they were between 2.5 and 6 inches, except between 6 and 12 inches in the Allegheny Mountain region.

Light snow fell in the Allegheny Mountain region on the 10th, 13th, and 15th, and in the southern portion thereof on the 2d and 12th; over the northern portion of the section on the 22d; in the northern portions of Washington, Frederick, and Carroll Counties during the night of the 24-25th; and over the entire section during the night of the 27-28th. Light snow also fell over the western half of the section on the 31st.

The ground was snow-covered in the Allegheny Mountain region from the 10th to the 16th and in western Maryland from the 22d to the 31st. At the close of the month there were 1 to 2 inches of snow on the ground generally in western Maryland and 2 to 3 inches in the Allegheny Mountain region.

Ice in the upper Chesapeake Bay during the closing week increased to 4 inches in thickness, but did not interfere with the movements of steam vessels, as a channel was kept open by iceboats.

Winter grains were in good condition and suffered but little from the cold weather. Outdoor operations made good progress, including stripping tobacco. A good ice crop was harvested in some of the northern counties.—J. B., jr.

PRESSURE

The monthly mean sea-level pressure at Washington was 30.12; at Baltimore and Aberdeen, 30.10 inches. The highest at Washington was 30.68; at Baltimore, 30.67; at Aberdeen, 30.76 inches—all on the 4th. The lowest at Washington was 29.40; at Baltimore, 29.37; at Aberdeen, 29.38 inches—all on the 6th.

TEMPERATURE

The monthly mean for the section, 32.9°, is 0.3° above normal. The highest monthly mean was 37.3° at Salisbury; the lowest, 25.5°, at Grantsville. The highest temperature, 69°, occurred at Washington on the 19th; the lowest, -13°, at Oakland on the 14th. The greatest local monthly range was 77° at Friendsville; the least, 51°, at Coleman. The greatest daily range was 40° at Bell and College Park on the 9th.

PRECIPITATION

The monthly average for the section, 2.68 inches, is 0.69 inch below normal. The greatest monthly amount was 4.22 inches at Darlington; the least, 1.22 inches, at Solomons. The greatest 24-hour amount was 1.44 inches at Princess Anne on the 5-6th. The monthly average snowfall for the section, 2.2 inches, is 5.2 inches below normal. The greatest monthly snowfall was 11.5 inches at Friendsville; the least, 0.3 inch, at Washington. The number of days with 0.01 inch or more of precipitation, 10, is normal.

RELATIVE HUMIDITY

The average percentages were: Washington, D. C., 8 a. m., 67; 12 noon, 49; 8 p. m., 56. Baltimore, Md., 8 a. m., 65; 12 noon, 49; 8 p. m., 59. Aberdeen, Md., 8 a. m., 81; 4 p. m., 65. Philadelphia, Pa., 8 a. m., 68; 12 noon, 64; 8 p. m., 64.

WIND

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

The prevailing wind direction for the section was northwest. The total movement at Washington was 5,227; at Baltimore, 7,552; at Aberdeen, 5,383 miles. The maximum velocity at Washington was 30 miles from the northwest on the 6th and 29th; at Baltimore, 40 miles from the northwest on the 6th; at Aberdeen, 32 miles from the northwest on the 20th.

SUNSHINE AND CLOUDINESS

At Washington 58 per cent of the possible sunshine was recorded; at Baltimore, 56 per cent; at Aberdeen, 54 per cent. For the whole section the average number of clear days was 12; partly cloudy, 6; cloudy, 13.

MISCELLANEOUS PHENOMENA (WITH DATES)

*Fogs, dense.*—Locally over eastern portion of section, 1; Baltimore, 4; Frederick, 5; eastern and central divisions, 17; north-central Maryland and northern Eastern Shore, 18.

*Glaze, or icestorm (rain freezing upon falling), light.*—North-central Maryland, early morning, 17; general over section, morning, 25.

*Rainbows.*—Frostburg, 10, 19.

*Sleet, light.*—Picardy, 1; western Maryland, 5-6; Ferry Landing, 6; Chewsville, 10; Wilmington, 15; northern-border counties, Garrett to Harford, night, 16-17; entire section, 22, 25; Baltimore and Princess Anne, 24; Boyds and Frederick, 28.

*Winds, high.*—Southeast, 5; southwest, 2, 18, 19, 23; westerly (southwest-northwest), 6, 7; northwest, 12, 13, 20, 28, 29, 30. Also on coast: South, 10, 25; northwest, 26.

Climatological Data for January, 1929

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	11	32.4	+1.4	62	19	7	14	33	2.85	+0.07	0.87	1.8	10	6	12	13	w.	U. S. Army.
Annapolis	Anne Arundel	45	64	35.5	+1.2	65	19	8	14	29	2.40	-0.07	0.95	1.0	10	13	4	14	nw.	Louis E. Foster.
Baltimore*		115	59	35.4	+1.6	67	19	9	14	33	2.90	-0.60	0.75	0.7	10	11	6	14	sw.	U. S. Weather Bureau.
Bell††	Prince Georges	151	9	32.1	.....	64	19	2	14	40	2.78	.....	0.79	0.6	12	12	5	14	nw.	Bureau Plant Industry.
Boys	Montgomery	424	10	31.9	-0.1	65	19	5	14	33	2.85	-0.60	0.69	0.9	8	12	7	14	nw.	Thomas B. Daymude.
Cambridge (near)	Dorchester	25	36	37.2	+1.7	65	19	12	14	34	1.51	-2.20	0.41	1.0	9	12	7	14	nw.	Matt Harding.
Cecilton	Cecil	85	11	33.2	+0.9	63	19	9	14	31	2.75	-0.32	0.97	1.1	9	12	7	14	nw.	Geo. Hartnell.
Cheltenham	Prince Georges	230	29	35.1	+0.8	67	19	7	14	35	2.24	-1.48	0.62	0.5	9	14	4	13	nw.	D. Paul Oswald.
Chesville	Washington	530	32	30.2	-0.3	61	19	3	14	30	2.74	-0.26	0.82	5.5	8	11	8	12	nw.	Mrs. Leo. A. Cahill.
Clear Spring	do	690	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Walter B. Harris.
Coleman ††	Kent	80	32	34.1	+0.8	60	19	9	14	31	2.70	-0.75	0.91	1.2	9	13	7	11	nw.	Prof. Thos. H. White.
College Park	Prince Georges	87	43	34.0	+0.7	66	19	5	14	40	2.84	-0.42	0.84	0.5	11	12	5	14	nw.	A. B. Cochrane.
Crisfield	Somerset	5	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cumberland	Allegany	623	57	30.8	-0.1	68	19	4	14	30	2.13	-0.40	0.64	3.0	9	11	5	15	.....	Harvey H. Weiss.
Darlington	Harford	300	39	30.8	0.0	60	19	4	14	33	4.22	+0.78	1.10	2.0	10	12	7	12	w.	Fred. C. Jones.
Easton	Talbot	35	39	33.7	-0.9	66	19	9	14	31	1.81	-1.28	0.52	0.5	9	13	5	13	nw.	Clement E. Bray.
Elkton	Cecil	28	3	32.7	.....	63	19	6	14	32	2.93	.....	0.93	1.5	9	12	6	13	w.	H. W. Bouchelle.
Emmitsburg	Frederick	720	61	30.6	-0.1	61	19	2	14	30	3.85	+0.52	.....	5.8	11	14	4	13	w.	Mt. St. Mary's College.
Fallston ††	Harford	450	60	31.0	0.0	60	19	4	14	34	3.43	-0.31	0.84	2.0	9	11	7	13	nw.	Miss Dora Curtiss.
Ferry Landing ††	Calvert	110	13	35.1	+1.3	68	19	6	14	32	1.64	-1.82	0.65	0.5	6	14	6	11	nw.	Thos. J. Bourne.
Frederick	Frederick	275	55	32.5	+0.4	63	19	7	14	27	2.72	-0.48	0.80	3.0	9	13	4	14	nw.	Chas. S. Birely.
Friendsville	Garrett	1,501	11	27.9	-1.2	66	19	-11	14	37	3.25	-0.33	0.97	11.5	10	4	6	21	.....	Joab J. Friend.
Frostburg	Allegany	1,929	28	28.0	-1.7	65	19	-4	14	30	2.45	-1.23	0.77	5.1	10	10	5	16	w.	T. F. Lewis.
Grantsville	Garrett	2,351	36	25.5	-1.5	66	19	-10	14	37	3.23	-0.49	1.22	7.0	12	3	6	22	w.	C. S. Zeller.
Great Falls ††	Montgomery	200	40	32.6	0.0	66	19	5	14	38	2.55	-0.61	.....	0.8	10	11	7	13	nw.	Chas. E. Sullivan.
Hancock (Tonoloway)	Washington	455	19	29.7	+0.1	59	19	1	14	28	1.94	-0.81	0.51	4.5	8	10	9	12	.....	American Fruit Growers.
Keedysville	do	400	25	31.4	-0.3	64	19	4	14	29	2.71	-0.50	0.68	2.2	11	11	8	12	nw.	J. A. Miller.
Laurel	Prince Georges	320	35	33.0	+0.6	64	19	3	14	37	2.29	-1.16	0.72	0.8	11	12	5	14	nw.	Evan G. Chaney.
Lutherville	Baltimore	340	3	31.2	.....	65	19	3	14	39	3.78	.....	1.15	0.9	11	13	5	13	nw.	August W. Clark, P. M.
Maryland Line	do	840	5	29.6	.....	63	19	1	14	31	3.88	.....	1.10	2.0	10	13	5	13	w.	Chester L. Fulton.
Mechanicsville	do	165	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Zach. S. Graves.
Millington	Kent	27	32	33.8	+0.1	64	6	10	14	33	2.15	-1.41	0.94	0.7	9	13	5	13	w.	Henry L. Higman.
Newburg	Charles	110	4	38.3	.....	68	19	8	14	31	1.58	.....	0.52	1.0	6	14	3	14	nw.	John P. Burdette.
Oakland	Garrett	2,461	30	27.4	-0.6	63	19	-13	14	37	3.23	-1.06	0.83	11.0	16	5	9	17	w.	R. E. Weber.
Pleasant Hill ††	Allegany	900	3	29.5	.....	67	19	0	14	30	1.80	.....	0.53	3.1	9	12	7	12	w.	D. E. Catlett.
Pleasant Hill ††	Baltimore	660	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. Henry.
Pocomoke City	Worcester	37	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Wm. H. Dryden.
Princess Anne	Somerset	17	54	36.2	-0.7	68	19	11	14	34	2.37	-0.98	0.95	1.5	9	11	10	8	nw.	James R. Stewart.
Public Landing ††	Worcester	10	14	37.2	+1.0	68	19	8	14	35	2.21	-1.41	0.85	1.5	8	12	8	11	w.	Louis C. de Guibert.
Ridgely	Caroline	57	8	35.0	+0.7	63	19	9	14	31	2.30	-0.81	0.92	1.0	8	12	6	13	nw.	Albert White.
Rock Hall	Kent	25	15	34.4	+1.1	62	19	9	14	27	2.67	-0.74	0.88	1.3	10	14	5	12	nw.	Charles Judefind.
Salisbury	Wicomico	23	24	37.3	+0.4	68	19	10	14	38	2.26	-1.39	.....	1.0	7	12	8	11	nw.	Homestead Dairy Farms.
Sines (Deep Creek)	Garrett	2,040	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. E. Mac Murray.
Solomons	Calvert	20	38	37.2	+1.6	67	19	10	14	27	1.22	-1.67	0.40	1.2	9	10	7	14	nw.	Dr. V. H. Marsh.
State Sanatorium	Frederick	1,460	21	29.0	-0.9	62	6	0	14	34	4.07	+0.47	.....	5.5	11	14	4	13	.....	Dr. V. F. Cullen.
Stevensville	Queen Annes	12	3	34.6	.....	65	19	10	14	.....	2.36	.....	0.85	1.3	9	13	5	13	n.	T. R. Price.
Takoma	Montgomery	320	31	33.4	+1.1	67	19	7	14	35	2.11	-1.56	0.57	1.2	10	10	7	14	.....	L. M. Mooers.
Towson	Baltimore	465	17	.....	.....	.....	.....	.....	.....	.....	3.62	-0.21	1.00	0.9	11	11	6	14	.....	Metroplitan District.
Western Port	Allegany	1,000	36	30.9	+0.2	67	19	0	14	39	2.88	+0.31	0.77	4.5	11	.....	.....	.....	.....	Norris Bruce.
Westminster	Carroll	770	20	31.2	+0.3	63	19	3	14	30	3.77	+0.70	0.96	3.5	11	13	5	13	.....	Prof. S. P. Caltrider.
Woodstock	Baltimore	415	59	31.7	-0.2	67	19	5	14	36	3.79	+0.34	1.22	1.5	10	12	6	13	w.	Woodstock College.
<i>Dist. of Columbia</i>																				
Washington**		112	59	34.9	+1.5	69	19	8	14	34	2.16	-1.39	0.59	0.3	12	10	7	14	nw.	U. S. Weather Bureau.
<i>Delaware</i>																				
Bridgeville	Sussex	45	6	35.6	+0.7	66	19	7	14	38	2.28	-1.19	0.67	1.0	11	12	10	9	nw.	George Ray.
Delaware City	New Castle	12	43	33.4	+0.9	65	19	6	14	33	2.46	-0.39	0.87	1.2	8	12	7	12	w.	N. W. Wilkinson.
Dover	Kent	34	40	34.6	-0.4	65	6	9	14	33	3.00	-0.34	1.11	0.7	9	12	7	12	nw.	Arthur G. Livingston.
Milford	Sussex	20	47	35.6	-0.1	65	19	7	14	35	2.37	-1.23	0.62	1.0	9	12	8	11	nw.	Chas. J. Holzmueller.
Millsboro	do	20	37	36.8	+1.6	67	19	7	14	39	2.26	-1.30	1.18	0.4	9	11	10	10	nw.	Rev. M. P. S. Huntington.
Wilmington	New Castle	86	36	32.2	-0.5	62	19	6	14	31	3.72	+0.26	1.13	1.0	9	13	6	12	nw.	Street and Water Depts.
Means and extremes:																				
For Maryland and District of Columbia.				32.6	+0.2	69	19	-13	14	40	2.68	-0.69	1.44	2.3	10	12	6	13	nw.	
For Delaware				34.7	+0.4	67	19	6	14	39	2.68	-0.70	1.18	0.9	9	12	8	11	nw.	
For entire section				32.9	+0.3	69	19	-13	14	40	2.68	-0.69	1.44	2.2	10	12	6	13	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, Glenndale; 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.

Daily Precipitation for January, 1929

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	.49	T			.29	.07			.01	.75			T			T		.05	T		.12			.20		.06	.81		T	T		T	2.85
Annapolis.	do	.33	T			.01	.44				.50			T			T		.03	T		.03			.07		.95		T	T		T	2.40	
Baltimore***	do	.50	T			.62	.12	T		T	.68			T			T		.04	T		.06			.10		.75		.01	.04		T	2.90	
Bell	do	.35	.04			.09	.62				.50			T			T			.07	.01	.05			.02	.10	.79		.04	.05		T	2.78	
Boys.	do	.54	T			.39	.39				.66			T			T		.07	.01	.05			.02	.10	.79		.04	.05		T	2.85		
Cambridge (near)	do	*	.11			T	.41				.40			T			T		.10	T		.07			T	.32		.10			T	1.51		
Cecilton.	do	.32	T			T	.36				.69			T			T		.09	.02	.10			T	.20	.87		.01			T	2.76		
Cheltenham.	do	.36	T			.15	.40				.50			T			T		.03	.03	.13			T	.33	.62		.05			T	2.74		
Chesville	do	.82	T			.06	.38	T			.45			T			T									.63					T	2.74		
Clear Spring	do																																2.70	
Coleman	do	.45	T			T	.38				.64			T			T		*	.05	.05			T	.20	.91		.02			T	2.84		
College Park	do	.38	.04			.09	.55				.46			T			T		.03	.04	.23			T	.10	.84		.08			T	2.84		
Crisfield	do	.46	.02					T			.58	.02		T			T		T	.03	.03				.64		.12			T	T	2.13		
Cumberland	do	.27	.06			*	.66			1.10			T			T			.07	.02	.30			.10	.10	1.03			T	T	4.22			
Darlington	do	.89	T			.03	.37				.46			T			T		.07	.02	.06			T	.10	.62		.08			T	1.81		
Elkton	do	.54	.04			.06	.40				.64			T			T		.04	T	.10			.18	T	.93				T	2.93			
Emmitsburg	do	.90	T			.18	.90				.89			T			T		.05	.01	.08			*	.50	.35		.08			T	3.85		
Fallston	do	.62	T			.09	.67				.81			T			T		.05	T	.16			.11	.13	.76				T	3.43			
Ferry Landing	do	.27	T			.20	.12				.43			T			T		T	T	.16			.11	.13	.55		.07			T	1.64		
Frederick	do	.63	T			.05	.75				.48			T			T		T	T	.08			.12	T	.43		.08		T	.10	2.72		
Friendsville	Ohio	.35	T			*	T				T	T	.40		.20		T		T	T	*		*	.37	.60				T	.15	3.25			
Frostburg	Atlantic	.40	T			.10	T				.50	T	.01		T		T		.03	T	*			.57	.20	.54			T	.10	2.45			
Grantsville	Ohio	.40	T	T			T				.38	T	.10		T	.10		T		.02	.03	.24			.20	.10	.43		T	.10	3.23			
Great Falls	Atlantic	.20	T				.88				.46			T			T		T	*	.22			.04	.39	.30		.06			T	2.55		
Hancock (Tonoloway)	do	.45	T			.06	.10				.32			T			T		.02	T				.45	T	.51			T	.03	1.94			
Keedysville	do	.61	T			.10	.49				.68			T			T		.01	T	.01			.20	.06	.50		.02		.03	2.71			
Laurel	do	.40	T			*	.35				.49			T			T		.01	.02	.20			.03	.02	.72		.05		T	2.29			
Lutherville	do	.66	T			.05	1.10				.83			T			T		.04	.01	.10			.08	.14	.76		.01		T	3.78			
Maryland Line	do	*	1.05			.40	.70				.75			T			T		.12	T	.05			.38	.43				T	3.88				
Mechanicsville	do	.39	T				.35				.39			T			T		.07	T				T	T	.32		.10		.05	1.87			
Millington	do	.20	T			T	.21				.57			T			T		.02	.02	.07			T	.13	.94		.02		T	2.18			
Newburg	do	.25	T			.04	.29				.35			T			T		T	T				T	T	.52		.13		T	1.68			
Oakland	Ohio	.36	.03			.03	.04	T			.35	T	.04	.18		.03		T	T	.10	.35			.35	.18	.43		.07	T	.06	1.80			
Pleasant Hill	Atlantic	.37	T			.01	.06				.36			T			T		T	T				.35	.02	.51		.04		T	.08	1.80		
Pocomoke City	do	.70	T			.25	.85				.80			T			T		.10	T	.10			.10	.80	.60		.01		T	2.05			
Princess Anne	do	.12	T			.95	.24				.24	T	.18		.04	T	.16	.04	T	T				.10	.13	.13		.19		T	3.71			
Public Landing	do	.05	T			.53	.91				.35	T	.08		.05	T	.25	T	T	T				.05	.15	.15		.10		T	2.37			
Ridgely	do	.28	T			.18	.85				.38		.25		.05	T	.25	T	T	T				T	T	.16		.14		T	2.21			
Rock Hall	do	.31	T			T	.40				.58			T			T		.06	.02	.02			T	T	.82		.08		T	2.30			
Salisbury	do	.31	.03			T	1.30				.60			T			T		.07	.03	.17			T	.20	.85		.03		T	2.67			
Sines**	Ohio					T	1.40				.30		.05		T		T		.05	T				T	T	.15		.10		T	2.25			
Solomons	Atlantic	.08	T			.10	.30				1.86			T			T		.08	T				T	.02	T	.21		.10		.02	1.22		
State Sanatorium	do	.93	T			*	*				1.86			T			T		.11	.01	.05			.28	.10	.68		T	.05	4.07				
Stevensville	do	.35	T			T	.38				.35			T			T		.12	T	.13			.08	.05	.85		.05		T	2.36			
Takoma	do	.25	.03			.41					.40			T			T		T	.04	.25			.06	*	.57		.10		T	2.11			
Towson	do	.72	T			T	1.00				.70			T			T		.05	.01	.08			*	.18	.87		.01		T	3.62			
Western Port	do	.40	T			.01	T				.65	T	.05				T		.02	.10	.13			*	.55	.77		T	.10	T	2.88			
Westminster	do	.90	.03			.08	.88				.81			T			T		.07	.02	.08			*	.35	.55		T		T	3.77			
Woodstock	do	.65	T			.10	1.12				.80			T			T		.07	T				*	.30	.60		.05		T	3.79			
<i>District of Columbia</i>																																		
Washington***	Atlantic	.30				.48	.11			.01	.43			T			T		.01	.01	.17				T	.03	.02	.57		.02	T	2.16		
<i>Delaware</i>																																		
Bridgeville	Atlantic	.05	.02			T	.67				.61		.01	T			T		.22	.02	.10			T	.04	.46		.08		T	2.28			
Delaware City	do	.33	T			T	.37				.47			T			T		.10	.02	.06			T	.24	.87		T		T	2.46			
Dover	do	.16	T			T	.64				.65			T			T		.16	*	.12			T	.14	1.11		.02		T	3.00			
Milford	do	.07	T			T	.62				.53			T			T		.26	*	*			T	*	.80		.09		T	2.87			
Millsboro	do	T	.02			T	1.18				.49		.05	T			T		.08	T	.04			T	.07	.29		.04		T	2.26			
Wilmington.	do	*	.46			T	.98				.78			T			T		.05	.02	.10			T	.20	1.13		T		T	3.72			

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 JANUARY

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 local	Least local	Greatest in 24 hours	Snowfall	Number of days with .001 inch or more
1895	29.4	-3.2	66	-17	4.34	+0.97	9.89	1.87	1.70	13.0	12	1913	41.9	+9.3	74	8	3.17	-0.20	5.85	2.21	1.25	2.0	13
1896	31.9	-0.7	66	-13	1.80	-1.57	3.33	0.90	2.05	1.0	4	1914	36.1	+3.5	76	-14	3.84	+0.47	6.07	1.71	2.28	3.6	7
1897	29.5	-3.1	66	-12	1.95	-1.42	3.97	0.81	1.40	8.3	11	1915	34.2	+1.6	67	-1	5.87	+2.50	8.41	3.38	3.27	6.0	12
1898	35.5	+2.9	72	-2	3.56	+0.19	8.95	1.24	1.50	4.3	7	1916	38.1	+5.5	74	-11	1.74	-1.63	4.47	0.90	0.90	3.2	11
1899	32.2	-0.4	70	-24	3.33																		

Daily Temperatures for January, 1929

Table with columns for Stations, days 1-31, and Mean. Rows list various locations in Maryland and Delaware, such as Annapolis, Baltimore, and Washington, D.C., with their respective daily temperature readings.

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, and Washington are from midnight to midnight; other stations, except Cumberland, are for 24-hour period ending late in afternoon, near sunset. Data in italics determined from surrounding stations. (WB-3-6-29-820)