U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CHARLES F. MARVIN, Chief

In Cooperation with Maryland State Weather Service

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE SECTION

JOHN R. WEEKS, Meteorologist and Section Director

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VOL. XXXV BALTIMORE, MD., MARCH, 1930 No. 3

GENERAL SUMMARY

This was a typical March; it was very windy. Nevertheless, it was characterized by much clear sky, an unusual abundance of sunshine, little precipitation, and much pleasant weather. Dense fog of the 25th was of long duration and interrupted fishing, shipping, and air transportation, but, on the whole, there was little fog. Noteworthy long periods of clear weather were 13–17th and 20–24th. Strong winds were frequent, yet they were not damaging.

While this month for the section, as a whole, was only slightly below normal in temperature, it was 5.8° colder than March, 1929. Monthly temperatures, however, were several degrees below normal in the Allegheny Mountain region and over the southern third of the Eastern Shore and slightly below normal along the western slope of the Blue Ridge Mountain region and in eastern Sussex County; elsewhere over the section they were from slightly above to several degrees above normal. Precipitation was very deficient, except somewhat above normal in eastern Washington County and along the western slope of the Blue Ridge Mountain region.

Mild periods were 1st–2d, 5–14th, 16th, 19th–21st, and 24th. The 3d–4th, 15th, and 22–23d were cold, while the 26th–31st was moderately cold. Warm days were 17th, 18th, and 25th.

Monthly precipitation averaged three-fifths of normal, and was mostly in the form of rain. Monthly amounts were between 1 and 2 inches in Allegany County, on the Eastern Shore generally, and in southern Maryland, except less than 1 inch in the southern portion of southern Maryland. Elsewhere they were between 2 and 3 inches, except between 3 and 4 inches in eastern Washington County and between 4 and 5 inches along the western slope of the Blue Ridge Mountain region.

Monthly snowfall averaged one-third of normal. Snowfall was confined to western Maryland, with amounts ranging from less than 1 inch to 4 inches between the Blue Ridge and the Allegheny Mountains. In the Allegheny Mountain region snowfall increased from 4 inches at the foothills to between 14 and 16 inches in the highlands. Light snow fell in the Allegheny Mountain region on the 2d, 3d, 4th, 7th, 8th, 9th, 11th, 19th, 25th, and 27th, and in western Maryland on the 12th and 26th. Flurries occurred over the remainder of the section on the 2d, 12th, 26th, and 27th; over western Maryland on the 28th; over the southern half of the section on the 29th; and in the Allegheny Mountain region on the 30th.

Wheat, rye, barley, grasses, and pastures were green, in good to excellent condition, and two to three weeks ahead of normal. During the second and third decades early potatoes, peas, truck, and gardens were being planted, and oats, clover, and tomato seed were being sown in the eastern and central divisions. Tobacco was sown and came up. Early plum, peach, and pear trees were blooming during the second and third decades in the southern half of the section. The month was very favorable for outdoor work. Much plowing was done. Other activities were hauling and spreading lime and manure, cleaning, fencing, repairing, and spraying. In the Allegheny Mountain region maple products were low in quantity but good in quality.—*J. B., jr.*

PRESSURE

The monthly mean sea-level pressure at Washington was 29.85; at Baltimore and Aberdeen, 29.84 inches. The highest at Washington and Aberdeen was 30.55; at Baltimore, 30.56 inches—all on the 15th. The lowest at Washington was 29.12; at Baltimore, 29.11; at Aberdeen, 29.09 inches—all on the 8th.

TEMPERATURE

The monthly mean for the section, 42.4°, is 0.2° below normal. The highest monthly mean was 45.6°, at Newburg; the lowest, 34.7°, at Grantsville. The highest temperature, 77°, occurred at Coleman and College Park on the 17th; the lowest, 4°, at Oakland on the 5th. The greatest local monthly range was 62° at Bell, College Park, and Great Falls; the least, 50°, at Stevensville. The greatest daily range was 52° at Great Falls on the 13th and at Hancock on the 16th.

PRECIPITATION

The monthly average for the section, 2.14 inches, is 1.52 inches below normal. The greatest monthly amount was 4.45 inches at State Sanatorium; the least, 0.65 inch, at Solomons. The greatest 24-hour amount was 2.82 inches at State Sanatorium on the 7–8th. The average monthly snowfall for the section, 1.5 inches, is 2.9 inches below normal. The greatest monthly snowfall was 16.1 inches, at Grantsville; the least, a trace, over the central and eastern divisions. The number of days with 0.01 inch or more of precipitation, 7, is 3 below normal.

RELATIVE HUMIDITY

The average percentages were: Washington, D. C., 8 a. m., 65; 12 noon, 44; 8 p. m., 47. Baltimore, Md., 8 a. m., 63; 12 noon, 46; 8 p. m., 54. Aberdeen, Md., 8 a. m., 76; 4 p. m., 53. Philadelphia, Pa., 8 a. m., 69; 12 noon, 50; 8 p. m., 58.

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 5,786; at Baltimore, 8,559; at Aberdeen, 7,299 miles. The maximum velocity at Washington was 32 miles from the northwest on the 12th; at Baltimore, 40 miles from the southwest on the 27th; at Aberdeen, 42 miles from the west on the 12th.

SUNSHINE AND CLOUDINESS

At Washington 72 per cent of the possible sunshine was recorded; at Baltimore, 67 per cent; at Aberdeen, 66 per cent. For the whole section the average number of clear days was 16; partly cloudy, 8; cloudy, 7.

MISCELLANEOUS PHENOMENA (WITH DATES)

Auroras.—Grantsville, 21.

Fogs, dense.—Aberdeen and Newburg, 2; upper Chesapeake Bay region and on the coast, 7; entire section, 25.

Hail, light.—Millsboro, 19; Princess Anne, 25.

Sleet, light.—Cecilton, 12; Chewsville, 26.

Sun dog.—Ferry Landing, 28.

Thunderstorms.—Milford, 8; Pocomoke City, 30.

Winds, high.—Westerly, 2, 3, 8, 9, 11, 12, 13, 19, 21, 22, 25, 26, 27; easterly, 7.

(Continued on page 10)

Climatological Data for March, 1930

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		
Maryland																				
Aberdeen	Harford	80	12	42.0	−1.0	74	17	21	3	38	1.89	−0.86	1.25	T.	8	11	10	10	w.	U. S. Army.
Annapolis	Anne Arundel	45	65	44.0	+0.6	73	17	22	†3	36	1.73	−2.24	0.92	T.	7	12	12	7	nw.	Louis E. Foster.
Baltimore*		115	60	45.2	+2.9	76	17	23	3	37	2.27	−1.44	1.57	T.	6	15	6	10	sw.	U. S. Weather Bureau.
Bell††	Prince Georges	151	10	42.4	−2.1	76	17	14	5	46	2.29	−0.75	1.73	T.	6	16	10	5	nw.	Bureau Plant Industry.
Boyds	Montgomery	424	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cambridge (near)	Dorchester	25	37	45.4	+0.3	72	†17	18	5	43	1.13	−2.98	0.70	T.	5	16	9	6	nw.	Matt Harding.
Cecilton	Cecil	85	12	43.1	−1.9	74	17	18	5	36	2.05	−1.14	1.48	T.	5	19	7	5	w.	James Reese Short.
Cheltenham	Prince Georges	230	30	44.8	−0.3	74	17	17	5	46	1.61	−2.29	1.05	T.	5	19	6	6	nw.	Geo. Hartnell.
Chewsville	Washington	530	33	40.9	−0.5	71	17	17	3	41	3.45	+0.47	2.19	1.5	8	18	7	6	nw.	D. Paul Oswald.
Clear Spring	....do	600	33	41.7	+1.6	74	17	17	†3	39	3.75	+0.27	2.41	4.0	8	19	5	7	nw.	Mrs. Leo A. Cohill.
Coleman††	Kent	80	33	44.3	+0.4	77	17	21	22	38	1.76	−1.78	1.16	T.	5	19	7	5	nw.	Walter B. Harris.
College Park	Prince Georges	87	44	44.0	+0.3	77	17	15	5	47	2.03	−1.60	1.21	T.	5	20	6	5	nw.	Prof. Thos. A. White.
Crisfield	Somerset	5	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. B. Cochrane.
Cumberland	Allegany	623	58	41.2	+1.2	73	17	16	†3	47	1.17	−1.89	0.49	*0.5*	6	16	8	7	.....	Harvey H. Weiss.
Darlington	Harford	300	40	41.5	+0.1	75	17	16	5	43	2.61	−0.82	1.60	T.	6	14	11	6	sw.	Fred C. Jones.
Easton	Talbot	35	40	43.8	−0.5	73	25	22	†3	37	1.08	−2.58	0.55	T.	6	15	12	4	w.	Clement E. Bray.
Elkton	Cecil	28	4	42.5	.....	75	17	17	5	44	2.33	.....	1.54	T.	8	19	6	6	w.	H. W. Bouchelle.
Emmitsburg	Frederick	720	62	41.8	+1.4	72	17	18	†3	36	3.17	−0.93	1.90	0.9	7	17	6	8	w.	Mt. St. Mary's College.
Fallston††	Harford	450	61	42.4	+2.5	76	17	18	22	40	2.37	−1.64	1.46	T.	6	13	13	5	nw.	Miss Dora Curtiss.
Ferry Landing††	Calvert	110	14	43.8	−2.6	75	17	19	3	43	0.81	−2.79	0.50	T.	4	15	10	6	nw.	Thos. J. Bourne.
Frederick	Frederick	275	56	44.2	+1.9	77	17	19	22	43	2.26	−1.06	1.03	T.	7	18	7	6	w.	A. T. Brust.
Friendsville	Garrett	1,501	12	35.2	−4.5	61	†13	5	3	40	2.86	−0.85	*0.57*	*14.0*	12	15	3	13	.....	Joab J. Friend.
Frostburg	Allegany	1,929	29	38.3	−1.0	67	†16	8	3	43	1.57	−2.22	0.51	7.5	12	16	5	10	w.	T. F. Lewis.
Grantsville	Garrett	2,351	37	34.7	−2.1	65	24	6	3	41	3.07	−0.88	0.57	16.1	14	10	10	11	w.	Floyd J. Miller.
Great Falls††	Montgomery	200	41	43.2	−0.4	76	17	14	5	52	2.42	−1.09	1.75	T.	4	18	7	6	nw.	Chas. E. Sullivan.
Hancock (Tonoloway)	Washington	455	20	41.0	+1.3	72	17	12	5	52	2.34	−0.93	1.24	2.0	8	19	5	7	.....	American Fruit Growers.
Keedysville	....do	400	26	43.2	0.0	74	17	19	†3	42	3.35	+0.41	2.33	T.	6	18	7	6	nw.	J. A. Miller.
Laurel	Prince Georges	320	36	42.8	−0.3	75	17	20	†3	42	2.57	−1.18	1.76	T.	7	19	5	7	.....	Evan G. Chaney.
Lutherville	Baltimore	340	4	42.2	.....	75	17	14	5	51	3.09	.....	2.16	T.	6	18	6	7	sw.	August W. Clark, P. M.
Maryland Line	....do	840	6	41.1	.....	72	†17	16	22	40	2.84	.....	1.50	T.	7	17	7	7	w.	Chester L. Fulton.
Mechanicsville	St. Marys	165	4	.....	.....	.....	.....	.....	.....	.....	1.00	.....	0.46	T.	5	16	10	5	nw.	Zach S. Graves.
Millington	Kent	27	33	43.8	−0.2	76	17	19	5	40	1.30	−2.74	0.96	T.	5	19	7	5	w.	Henry L. Higman.
Newburg	Charles	110	5	45.6	.....	76	17	16	4	43	0.89	.....	0.40	T.	8	17	10	4	nw.	John P. Burdette.
Oakland	Garrett	2,461	31	34.8	−2.1	64	†16	4	5	44	2.46	−1.35	0.60	14.4	13	10	12	9	w.	R. E. Weber.
Picardy	Allegany	900	4	39.9	.....	67	25	14	3	41	1.70	.....	0.72	0.8	8	19	5	7	w.	D. E. Catlett.
Pleasant Hill††	Baltimore	660	6	.....	.....	.....	.....	.....	.....	.....	3.30	.....	2.25	T.	6	15	9	7	nw.	J. E. Henry.
Pocomoke City	Worcester	37	25	.....	.....	.....	.....	.....	.....	.....	2.04	−1.52	0.80	T.	11	16	11	4	.....	Wm. H. Dryden.
Princess Anne	Somerset	17	55	42.7	−3.0	73	17	17	4	40	2.15	−1.75	1.36	T.	8	14	11	6	sw.	James R. Stewart.
Public Landing††	Worcester	10	15	42.2	−2.8	72	17	15	4	40	1.77	−2.18	0.56	T.	10	13	12	6	w.	Harry Ward.
Ridgely	Caroline	57	9	44.1	+0.2	73	17	19	5	35	1.09	−2.49	0.77	T.	4	15	11	5	nw.	Albert White.
Rock Hall	Kent	25	16	44.0	−1.0	74	17	22	†3	37	1.72	−1.82	1.12	T.	5	21	5	5	s.	Charles Judefind.
Salisbury	Wicomico	23	25	44.7	−0.9	72	17	18	4	39	1.64	−2.48	0.88	T.	8	16	10	5	sw.	Homestead Dairy Farms.
Sines (Deep Creek)	Garrett	2,040	3	35.2	.....	64	24	10	3	38	2.54	.....	0.62	14.1	13	11	7	13	.....	C. E. MacMurray.
Solomons	Calvert	20	39	45.0	+0.4	73	17	22	3	36	0.65	−2.65	0.22	0.2	7	12	12	7	nw.	Dr. W. H. Marsh.
State Sanatorium	Frederick	1,460	22	40.2	−0.5	71	17	14	†3	35	4.45	+1.12	2.82	*0.7*	10	18	4	9	.....	Dr. V. F. Cullen.
Stevensville	Queen Annes	12	4	44.2	.....	72	17	22	†3	35	2.07	.....	1.50	T.	6	14	12	5	s.	T. R. Price.
Takoma	Montgomery	320	32	43.6	+0.5	76	17	20	3	39	2.17	−1.55	1.15	T.	4	15	9	7	.....	L. M. Mooers.
Towson	Baltimore	465	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	6	10	.....	Metropolitan District.
Western Port	Allegany	1,000	37	41.5	−0.4	72	†16	13	3	47	1.59	−1.23	0.68	4.0	11	.....	.....	.....	.....	Norris Bruce.
Westminster	Carroll	770	21	42.2	+0.4	73	17	17	3	40	3.09	−0.64	1.52	T.	8	17	9	5	.....	Prof. S. P. Caltrider.
Woodstock	Baltimore	415	60	43.0	+1.6	74	17	13	5	44	3.16	−0.55	2.12	T.	6	15	7	9	nw.	Woodstock College.
Dist. of Columbia																				
Washington**		112	60	45.0	+2.4	75	17	21	3	40	2.26	−1.49	1.16	T.	6	15	9	7	nw.	U. S. Weather Bureau.
Delaware																				
Bridgeville	Sussex	45	7	44.4	+0.2	76	17	19	5	38	1.83	−1.97	1.21	T.	7	16	10	5	sw.	George Ray.
Delaware City	New Castle	12	44	43.4	+2.1	73	17	20	22	34	2.10	−1.16	1.50	T.	6	18	7	6	w.	James E. Maden.
Dover	Kent	34	41	44.0	+1.2	75	17	21	5	35	1.63	−2.56	1.11	T.	7	19	6	6	nw.	Arthur G. Livingston.
Milford	Sussex	20	48	43.8	−1.3	76	17	19	4	37	2.27	−1.88	1.55	T.	8	15	10	6	sw.	Chas. J. Holzmueller.
Millsboro	....do	20	38	44.1	−0.1	76	17	18	5	39	1.62	−2.38	0.99	T.	9	14	11	6	sw.	Rev. M. P. S. Huntington.
Wilmington	New Castle	86	37	42.4	−0.2	73	17	18	22	37	2.57	−0.97	1.77	T.	5	20	5	6	w.	Street and Water Depts.
Means and extremes:																				
For Maryland and District of Columbia.		.....	.....	42.2	−0.3	77	17	4	5	52	2.16	−1.47	2.82	1.6	7	16	8	7	nw.	
For Delaware		.....	.....	43.7	+0.3	76	17	18	†5	39	2.00	−1.82	1.77	T.	7	17	8	6	sw.	
For entire section		.....	.....	42.4	−0.2	77	17	4	5	52	2.14	−1.52	2.82	1.5	7	16	8	7	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.

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SIGNS OF SPRING

Clear Spring.—First wren observed on 8th.

Newburg.—First phoebe observed on 4th; first fish hawk on 19th; first black snake on 20th; first wood tick on 21st.

Princess Anne.—Plum trees were in bloom on 10th.

NOTES

Boyds, Md.—Dr. Anthony M. Ray, who assumed the duties of cooperative observer on December 1, 1929, died on March 14, 1930. He was born in Montgomery County and was in his 63d year.

Cecilton, Md.—On the 1st Mr. James Reese Short assumed the duties of cooperative observer, succeeding Mr. William F. Coale, who died in December, 1929. Mr. Coale rendered excellent service since August, 1919.

Daily Precipitation for March, 1930

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	
Maryland																																	
Aberdeen**	Atlantic	.01	T.					1.09	.19			.23	.03						.15	.02					T.	.17	T.				T.		1.89
Annapolis	do		.02					.16	.76			.34	T.						T.	.02						.23	.20	T.					1.73
Baltimore***	do	T.	T.					1.43	.14	T.		.28	T.						.09	.01					T.	.32	T.	T.					2.27
Bell	do		T.					.28	1.50			.35	T.						T.	.09						.06	.06	T.					2.29
Boyds	do																																
Cambridge (near)	do	T.	T.					*	.70			.23	T.							T.						T.	*.10*	T.		*.10*			1.13
Cecilton	do		T.					.15	1.33			.21	T.						T.	.26						T.	.10	T.					2.05
Cheltenham	do		T.					.42	.63			.33	T.						T.	T.						.05	.18	T.		T.			1.61
Chewsville	do		T.					.83	1.36			.30	.10						.42	.12					T.	.04	.28	T.	T.				3.45
Clear Spring	do		T.					.96	1.45			.24	.20						*	.45					T.	.07	.38	T.	T.				3.75
Coleman	do		T.					.16	1.00			.29	T.						T.	.11						T.	.20	T.					1.76
College Park	do		T.					.24	.97			.34	T.						T.	T.						.25	.23	T.					2.03
Crisfield	do																																
Cumberland||||	do		T.	T.	T.			T.	.49	T.		.16	.10	.03					T.	.15	T.					.24	T.	T.				1.17
Darlington	do		T.					.20	1.40			.26	T.						T.	.46						*	.29	T.					2.61
Easton	do		T.					.20	.35			.26	T.							.04						T.	*.20*	T.		.03			1.08
Elkton	do		T.					.17	1.37			.25	.02						.14	.20						*	.18	T.					2.33
Emmitsburg	do		T.					*	1.90			.34	.08						T.	*.50*					T.	*	.35	T.	T.				3.17
Fallston	do		T.					.30	1.16			.24	T.						T.	.30						.13	.24	T.					2.37
Ferry Landing	do		T.					.25	.25			.16	T.						T.	T.						T.	.15	T.		T.			0.81
Frederick	do		T.					.23	.80			.20	T.						.15	.27					T.	.30	.31	T.	T.				2.26
Friendsville	Ohio	T.	.40	.20	*.10*			*	.40	T.		.21	*.20*						.57	.45						.18	*.10*	*.05*	T.		T.		2.86
Frostburg	Atlantic		.11	.10	.08			.47	.04			.18	.17						.10	.11						*	*	.21	T.				1.57
Grantsville	Ohio	.05	.30	.10	.11			.46	.07	.10		.32	.25						.57	.33						.30	.06	.05	T.		T.		3.07
Great Falls||||	Atlantic		T.	T.					1.75	T.		T.	.36	T.						*.05*					T.	.26	T.	T.				2.42
Hancock (Tonoloway)	do		T.					.56	.68			.23	.04						.15	.17					T.	.15	.36	T.	T.				2.34
Keedysville	do		T.					.82	1.51			.23	T.						.27	.29					T.	T.	.23	T.	T.				3.35
Laurel	do		T.					.34	1.42			.39	T.						.01	.04						.18	.19	T.					2.57
Lutherville	do		T.					.37	1.79			.24	T.						T.	.19						.30	.20	T.					3.09
Maryland Line	do		T.					.30	1.20			.50	T.						.20	.20						.24	.20	T.					2.84
Mechanicsville	do	T.	T.					*	.46			.27	T.						T.	T.						*	.27	T.		T.			1.00
Millington	do		.05					.14	.82			.20	T.						T.	.09						T.	T.	T.					1.30
Newburg	do	.01	T.					.14	.26			.20	T.						T.	.01						.09	.17	T.		.01			0.89
Oakland	Ohio	.04	.30	.08	.08			.35	.25	T.		.16	.18						.60	.02						.08	.25	.07	T.		T.		2.46
Picardy	Atlantic		T.	T.	T.			.57	.15			.28	.08						.27	.02						.15	.18	T.	T.				1.70
Pleasant Hill	do		T.					.15	2.10			.25	T.						T.	.25						*.35*	*.20*	T.					3.30
Pocomoke City	do	.18	.15					.13	.67			.08	.12							.26						.10	.06	T.		.15	.14		2.04
Princess Anne	do	.14	T.					1.23	.13			.15	.03							.06						.25	T.	T.		.16			2.15
Public Landing	do	*	.31					*	.56			.15	.14							.25						.06	*.10*	T.		*.20*	T.		1.77
Ridgely	do		T.					.02	.75			.28	T.							T.						T.	.04	T.		T.			1.09
Rock Hall	do		T.					.20	.92			.35	T.						T.	.05						T.	*.20*	T.					1.72
Salisbury	do	.08	.05					.18	.70			.20	T.							T.						.21	*.10*	T.		.12			1.64
Sines**	Ohio	T.	.39	.04	.06			.20	.24	T.		.34	.15				.06	.62	.01							.20	.13	.10	T.		T.		2.54
Solomons	Atlantic	.01	T.					.12	.10			.21	T.							T.						.02	.11	T.		.08			0.65
State Sanatorium	do		T.					*	2.82			.25	.03						.16	.74					T.	.04	.39	.01	.01				4.45
Stevensville	do		.02					.02	1.48			.18	T.						T.	.05						T.	.32	T.		T.			2.07
Takoma||||	do		T.	T.					1.15	T.		T.	.36	T.						.03						T.	.63	T.	T.	T.			2.17
Towson	do																																
Western Port	do		*	.25	T.			.63	.05	.05		.12	.15						.15	.12						*	.07	T.	T.				1.59
Westminster	do		T.					.29	1.23			.31	.03						.19	.38					T.	.43	.23	T.					3.09
Woodstock	do		T.					*	2.12			.25	T.						T.	.23						.35	.21	T.					3.16
District of Columbia																																	
Washington***	Atlantic	T.	T.					.99	.17			.46	T.						.02	.01					T.	.61	T.						2.26
Delaware																																	
Bridgeville	Atlantic	T.	.18					.18	1.03			.16	T.							T.						.03	.13	T.		.12			1.83
Delaware City	do		.15					*	1.50			.15	T.						T.	.20						T.	.10	T.					2.10
Dover	do		*.10*					.10	1.01			.17	.03							.10						T.	.12	T.					1.63
Milford	do		.13					.20	1.35			.18	.05							.03						T.	.18	T.		.15			2.27
Millsboro	do	.04	.07					.29	.70			.15	.02							T.						.06	.11	T.		.18	T.		1.62
Wilmington	do		T.					.10	1.67			.25	T.						T.	.43						T.	.12	T.					2.57

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						
	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 0.01 inch or more
1895	39.9	−2.7	74	−7	3.10	−0.56	6.20	1.10	1.55	2.8	10
1896	36.6	−6.0	74	−13	4.38	+0.72	6.80	2.18	2.80	12.4	10
1897	44.4	+1.8	82	12	2.93	−0.73	5.05	2.04	1.63	0.7	10
1898	47.6	+5.0	84	7	3.66	0.00	8.34	1.17	1.87	1.9	11
1899	41.0	−1.6	77	1	4.83	+1.17	7.42	2.44	2.02	3.7	11
1900	37.4	−5.2	74	−8	3.27	−0.39	5.05	1.31	1.80	13.0	9
1901	42.6	0.0	88	−9	3.51	−0.15	6.99	1.13	2.60	1.8	9
1902	44.8	+2.2	80	3	3.91	+0.25	5.92	1.82	2.20	10.1	10
1903	49.3	+6.7	85	15	5.22	+1.56	9.36	3.00	3.40	0.2	10
1904	41.2	−1.4	87	5	3.04	−0.62	4.24	1.13	1.98	1.9	10
1905	45.3	+2.7	88	−15	3.16	−0.50	6.86	0.99	1.67	2.0	10
1906	36.9	−5.7	68	−8	4.97	+1.31	7.18	2.22	3.98	10.4	7
1907	46.1	+3.5	93	2	3.26	−0.40	7.50	1.88	2.60	6.3	9
1908	45.9	+3.3	85	11	3.00	−0.66	7.34	1.36	1.80	0.6	10
1909	40.4	−2.2	80	9	3.70	+0.04	5.82	1.75	2.80	7.0	11
1910	50.1	+7.5	89	14	1.25	−2.41	4.02	0.03	1.98	2.2	5
1911	39.9	−2.7	77	−6	2.61	−1.05	4.42	1.28	1.37	9.0	12
1912	39.7	−2.9	78	7	6.75	+3.09	9.08	4.89	3.73	6.7	13
1913	47.4	+4.8	83	−6	4.47	+0.81	8.75	2.19	4.05	0.6	10
1914	37.9	−4.7	80	−14	2.49	−1.17	4.55	1.15	1.25	15.8	10
1915	36.9	−5.7	64	−3	1.16	−2.50	2.16	0.43	1.50	4.1	4
1916	35.9	−6.7	78	−3	3.82	+0.16	6.84	1.87	2.38	4.6	10
1917	41.2	−1.4	82	−5	5.46	+1.80	8.85	2.87	1.97	9.0	13
1918	45.5	+2.9	84	8	3.59	−0.07	7.06	1.57	4.50	0.1	9
1919	45.8	+3.2	78	14	3.99	+0.33	5.35	1.79	2.48	0.5	10
1920	43.3	+0.7	85	−1	3.14	−0.52	4.61	1.91	2.38	2.6	9
1921	53.7	+11.1	91	14	2.39	−1.27	3.71	1.46	2.02	0.1	11
1922	44.3	+1.7	80	11	4.67	+1.01	9.22	3.38	3.13	1.9	13
1923	43.4	+0.8	82	−6	4.39	+0.73	7.28	1.69	2.54	5.7	11
1924	40.8	−1.8	77	11	5.02	+1.36	6.66	3.13	2.68	10.9	10
1925	45.0	+2.4	82	−3	2.25	−1.41	3.96	1.13	1.26	0.3	9
1926	38.1	−4.5	80	−8	2.22	−1.44	4.51	1.11	1.30	1.9	10
1927	45.4	+2.8	84	10	1.75	−1.91	3.19	1.21	1.46	0.1	9
1928	41.8	−0.8	83	7	2.95	−0.71	4.99	1.82	2.05	6.3	10
1929	48.2	+5.6	86	4	3.17	−0.49	5.40	1.90	2.10	1.2	10
1930	42.4	−0.2	77	4	2.14	−1.52	4.45	0.65	2.82	1.5	7

Daily Temperatures for March, 1930

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
Maryland																																	
Aberdeen	Maximum	46	42	32	34	51	56	47	50	57	58	50	45	69	52	42	55	74	68	58	56	50	38	48	61	70	43	46	49	51	56	50	51.7
	Minimum	30	26	21	22	22	31	36	42	40	36	35	33	31	34	26	26	36	50	35	31	32	22	23	34	43	32	33	32	32	38	33	32.2
Annapolis	Maximum	43	42	38	37	45	57	55	52	55	57	52	46	67	65	47	50	73	72	68	57	57	52	44	55	60	56	50	51	51	52	52	53.5
	Minimum	30	38	22	24	24	29	34	43	39	34	39	35	31	39	28	29	39	51	42	30	37	22	24	37	47	39	35	34	37	40	34	34.4
Baltimore (U.S.W.B.)	Maximum	48	48	34	39	57	57	48	53	58	61	52	46	72	56	44	58	76	75	63	58	54	41	52	61	66	45	49	52	53	56	53	54.4
	Minimum	35	28	23	25	29	35	37	45	41	41	40	38	35	37	29	33	43	55	40	35	35	24	26	36	45	36	36	36	34	39	40	35.9
Bell	Maximum	47	47	33	37	57	60	55	50	54	63	60	44	69	69	48	64	76	73	66	57	57	45	50	62	67	67	48	51	53	60	53	56.2
	Minimum	21	33	19	21	14	22	29	44	39	28	29	29	24	37	19	19	30	49	41	22	28	21	21	22	50	37	32	26	27	30	23	28.6
Cambridge (near)	Maximum	48	47	39	37	53	62	60	54	55	60	57	48	69	69	47	59	72	72	68	58	57	51	50	65	71	64	54	53	54	60	64	57.3
	Minimum	25	37	23	26	18	25	35	44	40	29	39	32	26	40	27	22	47	51	43	29	32	25	28	28	54	40	36	33	34	37	37	33.6
Cecilton	Maximum	*48*	45	42	34	50	57	49	52	58	59	51	45	65	65	49	55	74	72	64	54	52	44	47	62	70	63	47	50	53	57	52	54.4
	Minimum	*24*	*32*	*20*	*20*	*18*	29	34	41	39	33	31	34	30	36	25	28	38	49	40	31	38	21	25	28	38	37	33	33	33	34	34	31.8
Cheltenham	Maximum	48	48	35	40	58	63	57	53	56	64	61	47	71	70	46	66	74	72	68	58	57	53	52	65	70	68	54	54	55	59	54	57.9
	Minimum	27	35	20	19	17	26	35	42	37	33	37	33	25	38	25	26	42	49	41	26	34	23	21	26	49	38	29	29	36	36	28	31.7
Chewsville	Maximum	47	45	32	35	53	58	49	46	50	60	50	43	68	61	45	63	71	66	57	56	51	39	46	61	65	55	39	47	54	53	50	52.1
	Minimum	26	29	17	19	20	25	40	39	34	38	35	30	27	31	20	23	39	49	33	28	37	18	19	35	50	29	28	31	26	25	22	29.7
Clear Spring	Maximum	49	42	31	35	54	55	50	48	51	62	55	44	68	63	52	63	74	69	57	56	52	39	49	65	67	51	40	47	52	55	52	53.1
	Minimum	27	30	17	20	21	28	36	39	34	38	36	31	30	31	24	24	38	48	33	29	38	17	21	27	47	27	32	33	28	28	28	30.3
Coleman	Maximum	47	44	35	35	52	57	48	50	56	59	52	45	68	67	50	58	77	75	65	57	55	48	49	63	73	62	49	51	54	59	51	55.2
	Minimum	28	34	22	24	23	32	35	40	38	35	36	33	30	36	27	28	39	43	39	35	40	21	26	29	50	37	34	35	35	37	34	33.4
College Park	Maximum	48	48	35	39	57	62	58	53	56	63	61	47	71	71	50	65	77	73	66	59	58	51	51	62	70	69	49	54	55	58	55	57.8
	Minimum	23	35	21	22	15	22	30	47	39	29	32	31	24	39	20	21	31	51	41	24	29	23	23	22	52	37	33	31	30	32	27	30.2
Cumberland §§	Maximum	57	35	27	35	57	59	43	47	51	63	50	55	69	51	52	72	73	63	44	59	48	40	53	69	70	46	38	48	54	51	55	52.7
	Minimum	28	31	16	16	18	24	33	36	34	39	39	34	32	33	25	25	36	42	33	33	38	18	18	27	38	30	29	33	31	30	32	29.8
Darlington	Maximum	45	40	35	34	50	58	50	47	57	60	46	45	70	66	47	64	75	72	56	57	52	50	48	60	67	64	44	50	54	57	51	53.9
	Minimum	21	32	20	19	16	25	29	40	37	36	34	32	27	35	25	22	36	48	30	27	31	20	23	25	43	29	29	30	25	30	26	29.1
Easton	Maximum	45	46	37	36	52	62	51	51	51	60	55	41	64	62	55	60	72	71	65	58	54	45	44	65	73	63	50	50	52	59	57	55.0
	Minimum	27	34	22	24	22	26	34	43	37	31	34	32	28	30	25	30	40	50	41	28	37	23	26	28	52	34	31	34	35	36	34	32.5
Elkton	Maximum	49	45	36	37	53	62	48	51	60	62	50	48	66	64	52	57	75	73	60	58	53	43	52	55	72	55	49	53	56	58	54	55.0
	Minimum	22	33	20	20	17	25	33	41	39	30	32	32	28	34	23	23	31	48	38	27	34	20	22	24	44	34	33	30	27	35	30	30.0
Emmitsburg	Maximum	45	44	30	35	52	54	51	48	52	58	53	41	69	64	43	60	72	68	58	55	53	37	45	58	63	61	42	43	50	53	49	51.8
	Minimum	29	30	18	19	23	32	35	40	35	39	32	31	33	33	23	28	47	56	35	31	36	18	21	30	50	30	30	30	29	33	30	31.8
Fallston	Maximum	48	43	32	33	49	59	53	49	55	59	52	43	69	66	46	56	76	72	67	55	54	45	47	60	66	61	46	49	53	57	52	53.9
	Minimum	27	31	19	20	20	29	35	40	35	34	36	31	29	34	22	26	36	50	36	28	38	18	19	29	47	34	29	29	31	34	29	30.8
Ferry Landing	Maximum	48	49	35	40	56	60	55	54	56	61	53	46	69	62	45	65	75	73	64	58	58	48	51	62	69	58	53	55	54	57	53	56.2
	Minimum	29	29	19	20	20	26	34	42	32	32	37	27	26	34	24	25	44	50	38	29	38	21	22	31	47	35	32	29	36	36	31	31.5
Frederick	Maximum	48	47	35	41	57	60	54	51	55	64	57	46	73	69	50	66	77	72	60	60	56	45	50	68	69	65	46	52	57	60	53	56.9
	Minimum	26	35	20	20	20	28	34	41	35	36	35	35	30	34	24	24	40	52	37	30	41	19	21	26	50	34	30	32	29	33	28	31.6
Friendsville	Maximum	60	55	20	26	43	47	47	37	41	53	49	37	61	55	44	60	60	58	54	46	46	30	50	55	61	35	30	35	47	39	39	45.8
	Minimum	28	18	5	12	20	28	35	31	24	31	30	26	34	22	25	26	28	51	25	26	27	9	10	26	34	19	21	24	24	25	23	24.7
Frostburg	Maximum	52	54	40	30	49	50	51	38	42	55	54	41	62	62	47	67	65	64	57	50	51	40	55	67	65	52	30	42	42	41	48	50.4
	Minimum	26	20	8	14	17	29	33	32	27	30	33	27	36	25	21	26	30	52	26	30	30	12	15	24	43	22	23	26	26	22	26	26.2
Grantsville	Maximum	57	50	18	23	45	50	44	35	39	54	44	44	58	45	50	62	63	57	54	48	43	28	51	65	61	36	28	37	42	39	43	45.6
	Minimum	23	18	6	12	18	25	23	31	24	29	29	26	33	23	20	24	32	52	23	27	24	10	10	24	36	20	21	23	23	22	26	23.8
Great Falls	Maximum	47	47	35	38	61	62	57	51	55	62	60	46	75	69	49	67	76	74	66	58	54	49	50	55	70	68	49	54	56	61	55	57.3
	Minimum	22	33	22	21	14	23	31	40	37	29	32	32	23	37	20	21	32	48	38	23	31	21	18	22	50	35	31	38	28	29	31	29.0
Hancock (Tonoloway)	Maximum	52	51	37	37	59	58	53	45	51	62	49	45	69	64	52	71	72	67	58	59	52	40	51	66	70	44	40	48	54	52	53	54.2
	Minimum	25	30	17	19	12	21	33	37	33	29	35	31	31	31	18	19	34	53	33	27	37	16	16	26	44	29	28	32	25	20	21	27.8
Keedysville	Maximum	49	47	32	39	57	60	52	48	53	63	55	45	72	62	51	68	74	69	59	60	53	43	52	65	69	58	40	53	57	57	55	55.4
	Minimum	30	32	19	20	19	24	38	41	34	30	39	32	32	32	21	26	38	52	36	29	40	19	20	33	51	33	30	32	29	28	26	31.1
Laurel	Maximum	46	46	33	37	55	59	51	51	55	60	48	45	70	59	47	62	75	71	62	58	51	42	48	61	67	67	48	50	54	52	50	54.2
	Minimum	26	32	20	21	20	29	35	42	37	33	34	32	28	37	25	26	39	49	40	27	26	22	21	25	50	36	32	27	33	34	31	31.3
Lutherville	Maximum	48	45	35	36	56	59	56	51	56	61	55	44	71	70	50	70	75	74	67	58	57	49	51	61	65	64	46	50	55	57	59	56.5
	Minimum	20	33	19	20	14	25	32	40	36	29	31	27	25	34	20	19	29	45	38	24	30	18	15	26	47	33	29	28	25	28	24	27.8
Maryland Line	Maximum	46	42	30	32	52	55	52	44	54	57	52	41	68	66	46	61	72	72	60	54	48	43	46	58	64	60	40	45	51	56	48	52.1
	Minimum	27	29	18	18	20	30	33	38	35	33	35	30	28	31	22	27	40	50	33	27	38	16	22	28	48	31	27	28	30	32	29	30.1
Millington	Maximum	46	45	34	34	52	61	49	52	59	60	54	47	67	55	48	59	76	72	63	57	55	46	51	64	73	65	49	52	50	58	60	55.3
	Minimum	24	32	22	23	19	25	35	42	40	32	38	33	29	37	25	22	36	51	41	28	36	22	25	27	49	39	34	34	32	34	32	32.2
Newburg	Maximum	48	49	39	41	59	62	58	55	59	63	58	50	70	68	50	65	76	71	69	59	59	53	51	63	69	67	55	57	55	59	56	58.5
	Minimum	32	36	21	16	17	24	38	42	40	27	39	35	27	39	23	28	42	50	43	27	33	24	24	29	49	40	33	27	36	38	33	32.6
Oakland	Maximum	58	55	18	25	45	52	45	35	42	54	45	38	60	47	50	64	60	64	52	50	42	34	53	64	59	34	30	39	46	43	44	46.7
	Minimum	25	18	5	12	4	22	30	31	24	26	30	25	33	24	24	20	30	45	24	24	28	9	18	22	34	19	20	22	22	18	23	22.9
Picardy	Maximum	54	51	27	32	51	55	53	38	46	57	54	42	66	63	46	65	66	64	57	53	52	36	51	64	67	43	34	43	49	46	50	50.8
	Minimum	26	26	14	18	17	27	34	35	31	37	36	29	38	28	25	24	44	53	30	31	34	15	16	26	41	26	27	29	28	26	27	29.0
Princess Anne	Maximum	46	47	32	36	54	62	55	54	57	58	57	49	66	59	51	58	73	68	61	55	59	42	48	60	69	51	54	52	50	58	50	54.5
	Minimum	25	31	23	17	18	26	35	44	41	28	33	31	26	33	26	23	34	49	38	27	35	25	23	26	49	41	33	26	35	29	29	30.9
Public Landing	Maximum	44	48	36	35	48	51	46	55	57	59	51	48	67	63	43	51	72	70	64	54	61	52	49	54	60	*52*	*54*	*52*	*50*	*58*	*50*	53.4
	Minimum	25	32	19	15	19	26	31	36	39	28	34	36	27	41	28	27	32	52	41	24	34	24	19	25	49	*40*	*32*	*30*	*35*	*30*	*30*	31.0
Ridgely	Maximum	46	47	35	35	51	60	55	52	56	68	55	48	65	65	47	58	73	70	65	55	55	50	47	62	70	65	51	50	52	57	55	55.5
	Minimum	26	34	22	22	19	27	35	44	40	33	35	34	31	37	24	25	38	50	40	30	38	22	23	28	52	38	30	33	33	37	34	32.7
Rock Hall	Maximum	46	45	38	35	52	60	52	50	55	60	50	45	65	63	45	58	74	70	63	58	53	50	48	62	69	64	51	53	58	60	50	54.9
	Minimum	25	35	22	24	22	25	33	41	39	30	36	35	32	35	25	32	37	48	40	30	37	22	27	32	51	38	32	32	39	35	32	33.0
Salisbury	Maximum	51	48	35	36	54	63	51	55	60	62	58	49	68	60	51	59	72	71	66	56	58	50	48	64	70	60	55	52	53	51	53	56.1
	Minimum	27	35	23	18	21	30	35	45	40	32	39	34	29	40	27	26	40	48	43	28	35	24	25	26	52	41	37	30	34	33	35	33.3
Solomons	Maximum	45	48	38	39	55	52	52	52	57	58	54	48	68	65	45	58	73	70	67	58	57	53	47	54	63	60	54	55	49	51	53	54.8
	Minimum	34	36	22	23	26	28	40	38	40	31	39	36	32	41	30	30	43	50	44	34	40	26	27	36	46	38	36	33	33	38	37	35.1
State Sanatorium	Maximum	45	41	*28*	31	*50*	55	50	*45*	49	59	53	40	66	61	44	*60*	71	67	58	53	51	38	44	59	63	56	36	45	50	*52*	*48*	50.6
	Minimum	28	*28*	14	16	22	*30*	32	*36*	31	37	32	28	31	29	21	31	*45*	55	30	31	36	14	19	*28*	47	27	25	29	31	*30*	*28*	29.7
Stevensville	Maximum	45	46	34	37	50	58	48	51	55	59	51	47	67	58	47	60	72	70	63	60	63	53	48	60	68	60	50	56	54	58	50	54.5
	Minimum	30	34	22	25	25	27	35	41	39	32	36	35	32	36	29	*30*	41	55	40	33	40	24	27	35	50	32	32	32	35	35	36	34.0
Takoma	Maximum	48	42	34	40	57	61	53	52	56	61	50	48	71	48	48	65	76	72	49	60	55	41	50	62	69	42	50	53	56	60	53	54.3
	Minimum	28	36	20	22	24	30	36	37	37	36	36	32	38	26	28	36	47	41	32	40	22	23	30	40	38	33	33	33	36	39	32	33.0
Western Port	Maximum	56	44	27	33	56	60	56	43	48	63	53	48	69	60	53	72	72	65	59	58	52	44	54	68	69	44	38	48	54	51	55	53.9
	Minimum	27	25	18	19	16	27	34	36	31	36	38	32	40	32	25	25	35	52	31	33	35	17	15	25	40	27	27	30	27	23	28	29.1
Westminster	Maximum	46	45	31	37	53	58	52	46	52	59	57	42	69	62	42	63	73	72	58	56	52	39	48	60	65	60	43	48	54	55	49	53.1
	Minimum	29	30	17	18	21	28	34	39	34	37	37	31	29	32	22	28	45	53	36	29	38	18	20	30	49	32	28	31	30	34	28	31.2
Woodstock	Maximum	47	46	35	37	55	59	57	49	55	60	60	43	70	70	47	64	74	73	67	57	57	49	48	63	68	68	44	49	53	57	53	55.9
	Minimum	22	32	20	21	13	23	30	41	37	36	31	34	28	36	21	20	30	49	39	26	38	20	20	24	50	35	32	32	27	37	25	30.0
Washington, D.C. (U.S.W.B.)	Maximum	48	50	32	40	58	63	54	54	55	62	51	47	73	54	49	65	75	73	63	59	54	40	51	63	69	44	49	54	55	57	52	55.3
	Minimum	34	28	21	24	27	32	38	42	40	40	38	35	33	36	29	31	43	52	38	34	33	23	26	36	44	35	35	34	40	40	34	34.7
Delaware																																	
Bridgeville	Maximum	45	47	36	36	53	63	57	53	56	60	56	47	68	65	50	58	76	71	66	55	56	49	48	65	72	62	53	52	55	57	54	56.2
	Minimum	25	36	23	20	19	27	32	46	40	33	38	32	30	39	26	25	38	47	41	27	36	23	23	27	52	39	31	33	34	34	32	32.6
Delaware City	Maximum	48	45	35	35	51	59	50	51	57	60	58	47	65	66	47	57	73	69	67	56	56	50	50	55	63	59	48	51	*52*	58	50	54.5
	Minimum	29	32	21	22	24	30	33	41	38	34	37	33	31	35	27	29	39	50	36	*32*	38	20	23	26	46	34	31	31	32	37	30	32.3
Dover	Maximum	*45*	*44*	*36*	34	54	54	51	52	57	61	56	48	66	65	45	57	75	71	73	69	55	54	48	46	57	68	65	50	52	51	57	51	54.7
	Minimum	*28*	*33*	22	22	21	30	33	43	40	33	37	33	31	37	26	28	42	51	40	30	38	22	24	30	47	39	31	33	33	36	30	34	33.2
Milford	Maximum	47	46	38	34	51	56	56	50	56	57	56	48	66	65	48	60	76	71	68	55	55	50	48	59	71	62	48	51	51	56	56	55.2
	Minimum	27	36	23	19	20	27	34	44	40	31	38	32	30	37	27	24	39	53	41	28	36	21	23	28	50	38	29	32	35	35	32	32.5
Millsboro	Maximum	46	47	34	37	54	60	49	54	58	61	59	50	68	60	46	61	76	75	68	56	59	42	50	58	64	54	52	58	60	58	54	55.8
	Minimum	25	34	23	20	18	27	28	48	40	32	39	33	29	40	27	22	38	52	43	26	35	23	22	24	51	40	32	31	35	34	33	32.4
Wilmington	Maximum	46	44	33	33	50	58	54	49	54	59	56	44	65	64	45	55	73	72	68	54	53	46	45	58	68	61	42	47	51	56	57	53.5
	Minimum	26	32	19	21	23	28	33	40	37	34	36	33	30	32	22	29	36	48	36	29	39	18	21	29	48	32	30	30	32	34	32	31.3

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—5-5-30—900)