

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

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In Cooperation with Maryland State Weather Service

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE SECTION

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PRICE: 5 CENTS A COPY; 50 CENTS A YEAR

VOL. XXXIII BALTIMORE, MD., NOVEMBER, 1928 No. 11

GENERAL SUMMARY

November was mild. Rainfall was light over the eastern and central portions of the section. In western Maryland precipitation was but slightly below normal, except well above normal in the Allegheny Mountain region. There was much cloudiness, especially during the second half of the month. Monthly sunshine was about 10 per cent below normal. Relative humidity averaged normal. Morning light fogs were frequent. There were no damaging high winds.

The prolonged cool period of the third decade of October terminated on the 1st of this month. Mild weather followed on the 2d, lasting to the 8th; then came a cool spell from the 9th to the 12th. Mild weather on the 13-14th gave way to a very warm period from the 15th to the 19th. Much colder, though seasonable, weather overspread the section on the 20th and continued until the 24th. The 25-26th brought a cold snap. Reaction to warmer followed on the 27th, and the 28-30th were mild.

Monthly precipitation averaged about three-fourths of normal. Totals were between 1 and 2 inches generally, except slightly above 2 inches in the Blue Ridge Mountain region and between 2.5 and 4.3 inches in the Allegheny Mountain region.

Rains were moderate to heavy on the 3d-4th, 19-20th, and 30th.

Light snow fell in the Allegheny Mountain region on the 10th, 11th, 20th, 21st, 22d, 23d, and 26th, and in the southern portion thereof also on the 13th and 28th; also in western Maryland, southern Montgomery and northern Prince Georges Counties, the District of Columbia, and at Solomons, and flurries elsewhere over the section on the 25th. Flurries occurred over the section eastward to Chesapeake Bay on the 12th; to eastward of the Allegheny Mountain region on the 21st, 22d, and 23d; and in Delaware on the 26th.

Monthly snowfall in the Allegheny Mountain region averaged 9.1 inches, which is 6.4 inches above normal.

The month was favorable for outdoor operations and farm work continued ahead of normal. Digging late potatoes and sweet potatoes and picking apples ended during the first decade, and husking corn during second. Hauling corn and fodder, hauling and spreading manure, cutting wood, butchering, repairing, and plowing were in progress. Early-sown grains continued in good to excellent condition, while the late-sown came up nicely and did well. Pastures were fair.—*J. B., jr.*

PRESSURE

The monthly mean sea-level pressure at Washington was 30.08; at Baltimore, 30.07; at Aberdeen, 30.06 inches. The highest at Washington and Aberdeen was 30.55; at Baltimore, 30.53 inches—all on the 14th. The lowest at Washington was 29.58 on the 30th; at Baltimore, 29.55, and at Aberdeen, 29.53 inches—both on the 8th.

TEMPERATURE

The monthly mean for the section, 47.1°, is 2.5° above normal. The highest monthly mean was 51.4° at Crisfield; the lowest, 39.4°, at Grantsville. The highest temperature, 80°, occurred at Ferry Landing on the 18th; the lowest, 13°, at Grantsville and Oakland on the 26th. The greatest monthly range was 60° at Chewsville and Ferry Landing; the least, 47°, at Crisfield. The greatest daily range was 45° at Oakland on the 14th.

PRECIPITATION

The monthly average for the section, 1.88 inches, is 0.66 inch below normal. The greatest monthly amount was 4.23 inches at Oakland; the least, 1.04 inches, at Princess Anne and Solomons. The greatest 24-hour amount was 1.20 inches at Oakland on the 19th. The monthly average snowfall for the section, 1.2 inches, is 0.2 inch above normal. The greatest monthly snowfall was 13.8 inches at Grantsville. The number of days with 0.01 inch or more of precipitation, 8, is 1 above normal.

RELATIVE HUMIDITY

The average percentages were: Washington, D. C., 8 a. m., 76; 12 noon, 52; 8 p. m., 63. Baltimore, Md., 8 a. m., 73; 12 noon, 52; 8 p. m., 65. Aberdeen, Md., 8 a. m., 84; 4 p. m., 67. Philadelphia, Pa., 8 a. m., 78; 12 noon, 68; 8 p. m., 68.

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 4,191; at Baltimore, 6,628; at Aberdeen, 5,491 miles. The maximum velocity at Washington was 25 miles from the northwest on the 7th; at Baltimore, 38 miles from the northwest on the 8th; at Aberdeen, 40 miles from the south on the 19th.

SUNSHINE AND CLOUDINESS

At Washington 48 per cent of the possible sunshine was recorded; at Baltimore, 47 per cent; at Aberdeen, 49 per cent. For the whole section the average number of clear days was 9; partly cloudy, 10; cloudy, 11.

MISCELLANEOUS PHENOMENA (WITH DATES)

Eclipse of the moon, total.—Early morning, 27.
Fogs, dense.—Blue Ridge Mountain region, upper Chesapeake Bay, Newburg, Princess Anne, 3; on coast, 3, 4; Newburg, 4; Frederick, 28; Allegheny Mountain region, 29, 30.
Geese flying south.—Princess Anne, 16.
Rainbows.—Ferry Landing, 8; Frostburg, 6; Princess Anne, 19; Millsboro, 8, 16.
Sleet, light.—North-central and southern Maryland, 12; Blue Ridge Mountain region, 28.
Thunderstorm.—Northern New Castle County, afternoon 8.
Winds, high.—West, 6, 22; northwest, 8, 25; eastern portion of section, south, 19; on coast, north, 11; northwest, 23.

Daily Temperatures for November, 1928

Table with columns for Stations, days 1-31, and Mean. Rows list various Maryland and Delaware locations such as Annapolis, Baltimore, and Delaware City, with maximum and minimum temperature readings for each day.

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-1-19-29-600)