

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
IN COOPERATION WITH MARYLAND STATE WEATHER SERVICE

CLIMATOLOGICAL DATA

15 MARYLAND AND DELAWARE SECTION

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GENERAL SUMMARY

Continuing a prevalence of above normal precipitation which began in March, June was another wet month. It was the wettest such month in ten years. Excessively heavy rains fell in many sections for the second month in succession. The May-June total for Baltimore was almost sixteen inches, the heaviest rainfall ever recorded in a comparable period. June deficiencies were reported from portions of southern and western counties of Maryland. However, distribution through the month was very good as there were a large number of days with measurable rain. In consequence, sunshine for the month was below normal. High winds, heavy rain and hail on the 19-20th and 24-25th caused considerable damage to vegetation.

Temperatures, however, for both Delaware and Maryland were normal. There were no unusually cool or warm periods during the month. The coolest weather came near the 3d, 6th, 17th, and 20th. The warmest periods were near the 1st, 12th, and from the 24th to the 30th. No occurrence of frost was reported during the month.

As the month ended, corn was in various stages of growth, from being planted in some eastern areas to waist-high in western counties. Many fields were weedy due to inability to cultivate. Small grains were generally very good. The wheat harvest was beginning in eastern and southern counties as the crop ripened in other regions. Barley and some oats were being harvested. Truck crops were generally in a good condition, except poor and weedy on poorly drained ground. A poor crop of early apples was being picked and later varieties, along with a good crop of peaches, were sizing. Although pastures were very good to excellent, hay crops were becoming weedy and damaged by wet weather. Tobacco plants were growing well.

TEMPERATURE

The monthly mean temperature for the Section was 71.3°, 0.1° above normal; for Maryland, 71.3°, 0.1° above normal; and for Delaware, 71.4°, 0.1° below normal.

For Maryland, the monthly mean temperature varied from 76.0° at Crisfield to 64.1° at Sines. The highest temperature was 98° on the 24th and 29th at Coleman, and Washington on the 24th, and the lowest was 36° on the 6th at Hancock and Tonoloway. The greatest local monthly temperature range was 59° at Hancock, ranging from 95° on the 24th to 36° on the 6th. The least local monthly temperature range was 34° at Oxford, ranging from 89° on the 29th and 30th to 55° on the 4th, 6th, and 21st.

For Delaware, the monthly mean temperature varied from 72.3° at Millsboro to 69.9° at Wilmington (Porter Reservoir). The highest temperature was 96° on the 29th at Millsboro and the lowest was 46° on the 6th at Wilmington (Porter Reservoir). The greatest local monthly temperature range was 48° at Wilmington (Airport), having a high reading of 95° on the 24th and 29th and a low reading of 47° on the 6th. The least local monthly range was 45° at Delaware City, with a high reading of 94° on the 29th and a low reading of 49° on the 6th.

PRECIPITATION

The monthly average for the Section was 5.11 inches, 1.19 inches above normal; for Maryland, 5.11 inches, 1.18 inches above normal; and for Delaware, 5.09 inches, 1.23 inches above normal. For Maryland, it was

greatest at Baltimore with 9.36 inches, and least at Solomons with 2.12 inches. The greatest 24-hour rainfall was 4.38 inches on the 29th and 30th at Clear Spring. For Delaware, the monthly precipitation was greatest at Georgetown with 7.29 inches, and least at Delaware City with 3.80 inches. The greatest 24-hour rainfall was 2.76 inches on the 3d at Millsboro.

PRESSURE, HUMIDITY, SUNSHINE, WIND, DEGREE DAYS

Stations	Atmospheric pressure reduced to sea level				Wind			Mean relative humidity			Percentage of sunshine	Cooling days (base 75°)
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7:30 a. m.	1:30 p. m.		
Aberdeen, Md.	30.13	22	29.41	8	8.0	37	sw.	24	85	67	58	28
Annapolis, Md.	30.17	23	29.47	8	8.0	37	sw.	24	85	64	77	31
Baltimore, Md.	30.20	22	29.48	8	8.0	37	sw.	24	85	68	61	51
Elkins, W. Va.	30.14	23	29.55	8	8.0	37	sw.	24	91	68	74	9
Harrisburg, Pa.	30.21	22	29.47	8	8.0	37	sw.	8	79	52	67	27
Norfolk, Va.	30.18	18	29.58	8	8.0	37	sw.	7	82	58	73	30
Philadelphia, Pa.	30.24	22	29.48	8	8.0	37	sw.	24	82	57	71	31
Pittsburgh, Pa.	30.15	1	29.50	8	8.0	37	sw.	29	79	51	64	35
Washington, D. C.	30.18	22	29.51	8	6.0	38	n.w.	24	78	53	65	68

COMPARATIVE DATA FOR JUNE

Year	FOR MARYLAND						FOR DELAWARE					
	Temperature			Precipitation			Temperature			Precipitation		
	Mean	Highest	Lowest	Average	Average snowfall	No. of days with 0.1 in. or more	Mean	Highest	Lowest	Average	Average snowfall	No. of days with 0.1 in. or more
1895	73.1	102	37	4.15	0.0	8	73.9	101	47	2.91	0.0	8
1896	70.3	100	32	3.88	0.0	11	70.8	97	42	5.27	0.0	10
1897	68.6	97	29	2.82	0.0	9	68.9	95	34	3.93	0.0	9
1898	72.0	100	35	1.58	0.0	6	71.5	97	49	3.04	0.0	9
1899	73.4	102	36	2.94	0.0	7	74.2	100	51	1.58	0.0	6
1900	71.5	100	36	4.70	0.0	9	72.2	95	45	4.54	0.0	6
1901	71.0	102	32	3.15	0.0	8	72.1	101	48	2.32	0.0	9
1902	70.0	104	31	4.79	0.0	9	71.3	101	45	6.25	0.0	11
1903	68.3	96	35	5.71	0.0	13	68.5	91	48	3.45	0.0	9
1904	70.2	98	30	4.60	0.0	12	70.5	99	44	3.99	0.0	12
1905	71.2	102	25	4.50	0.0	10	71.2	99	48	3.88	0.0	9
1906	71.9	101	36	5.96	0.0	15	73.0	97	51	7.37	0.0	14
1907	64.8	96	32	5.75	0.0	12	65.6	94	43	5.44	0.0	11
1908	70.4	99	39	2.14	0.0	5	71.7	98	46	1.98	0.0	8
1909	71.8	98	32	5.06	0.0	14	72.1	98	48	4.87	0.0	13
1910	67.7	96	30	5.74	T.	14	69.2	95	45	6.37	0.0	14
1911	71.5	102	39	4.14	0.0	12	72.0	101	50	3.62	0.0	9
1912	69.2	99	25	4.07	0.0	10	71.0	95	42	2.01	0.0	8
1913	71.1	100	27	2.25	0.0	7	71.7	98	43	2.39	0.0	7
1914	72.3	101	26	3.98	0.0	10	72.8	101	45	3.09	0.0	10
1915	68.4	98	31	5.03	0.0	10	69.4	94	43	5.30	0.0	12
1916	67.0	95	33	6.28	0.0	12	68.3	89	45	3.95	0.0	10
1917	70.1	97	32	4.07	0.0	10	71.6	96	48	4.48	0.0	10
1918	68.7	98	34	2.31	0.0	8	69.3	99	46	2.92	0.0	8
1919	72.2	98	40	3.27	0.0	9	71.5	96	43	2.24	0.0	7
1920	70.0	98	34	5.34	0.0	11	71.0	97	49	5.57	0.0	11
1921	72.3	102	34	2.47	0.0	7	72.6	100	42	2.78	0.0	6
1922	72.8	97	38	5.12	0.0	12	73.5	93	50	5.39	0.0	14
1923	73.5	102	34	3.06	0.0	9	74.8	100	44	2.37	0.0	8
1924	69.3	99	33	5.20	0.0	14	69.3	95	48	5.80	0.0	14
1925	75.4	104	36	2.37	0.0	7	77.5	102	45	1.81	0.0	7
1926	67.4	98	35	2.67	0.0	12	68.8	97	43	2.54	0.0	11
1927	66.7	98	31	3.55	0.0	9	67.2	95	42	3.44	0.0	9
1928	68.9	94	34	5.79	0.0	16	70.5	92	48	5.70	0.0	9
1929	70.2	98	31	5.00	0.0	10	71.6	97	41	3.36	0.0	9
1930	70.0	99	36	3.86	0.0	9	73.7	97	35	3.86	0.0	7
1931	70.7	102	35	3.38	0.0	8	71.9	98	49	3.76	0.0	7
1932	70.6	95	30	3.81	0.0	10	72.0	94	41	3.77	0.0	10
1933	72.4	102	28	2.73	0.0	8	73.4	100	43	2.70	0.0	7
1934	74.6	105	42	3.29	0.0	7	75.7	101	53	2.90	0.0	7
1935	70.4	97	34	4.49	0.0	12	71.2	95	46	5.16	0.0	11
1936	70.8	99	34	3.09	0.0	10	71.5	95	47	4.05	0.0	10
1937	72.3	99	41	4.91	0.0	12	72.3	92	48	5.50	0.0	12
1938	70.1	98	35	3.95	0.0	10	70.8	96	36	5.41	0.0	10
1939	72.8	100	40	5.19	0.0	12	73.5	95	47	3.46	0.0	12
1940	71.8	96	33	2.20	0.0	9	71.8	94	42	1.95	0.0	7
1941	70.4	97	34	5.01	0.0	11	70.9	95	45	4.45	0.0	11
1942	72.1	99	39	4.22	0.0	12	72.6	98	48	2.79	0.0	10
1943	75.6	100	41	2.52	0.0	8	77.0	98	52	4.38	0.0	9
1944	72.5	101	29	3.08	0.0	9	72.8	99	43	2.87	0.0	8
1945	71.3	102	29	4.19	0.0	10	72.4	99	39	4.76	0.0	10
1946	69.7	96	33	4.23	0.0	9	69.6	95	42	4.34	0.0	11
1947	69.7	99	33	4.53	0.0	10	69.2	96	36	5.54	0.0	10
1948	71.3	98	36	5.11	0.0	12	71.4	96	46	5.09	0.0	12
Period	71.2	105	25	3.93	T.	10	71.5	102	34	3.86	0.0	9

Daily Temperature for June 1948-Continued

Table with columns for Stations (Maryland), days 1-31, and Mean. Rows list various locations like Aberdeen, Annapolis, Baltimore, etc., with their respective temperature data.

See page 22 for explanation of reference marks.