

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

in cooperation with Maryland State Weather Service

CLIMATOLOGICAL DATA

15 MARYLAND AND DELAWARE SECTION

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GENERAL SUMMARY

August was warm, except on the Eastern Shore and in extreme southern Maryland, where monthly mean temperatures were but slightly above or slightly below normal. Warm weather was interrupted by cool periods of 7-10th, 23d-25th, and 29th-31st. The warm spell of the 11th-22d was humid.

Rainfall was of the thundershower type, except the easterly rains of the 7th and 20th-21st. Monthly amounts were mostly well below normal, except above normal in the western and central portions of western Maryland. The area of least rainfall, totals 1 to 3 inches, embraced Washington County, north-central Maryland, and Cecil and Kent (Md.) Counties. The Allegheny Mountain region was the area of greatest rainfall, totals 5 to 8 inches, due to heavy rains on the 2d, 3d, 7th, and 27th. Rain also was heavy in southern Maryland and on the Eastern Shore on the 20th-21st.

Monthly sunshine was slightly above normal. Relative humidity averaged slightly below normal.

Damaging thundershowers occurred on the 3d and 13th.

Growing crops were good to excellent and pastures and grasses were fair to good, except the former were fair to good and the latter were poor to fair within the area of deficient rainfall. In the Allegheny Mountain region: harvesting wheat ended in the first decade and threshing ended in the last week, the yield was good; oats were harvested in the second and third weeks, threshing followed, with poor to fair yields; buckwheat bloomed the first half of the month; and late potatoes were affected by blight. Threshing wheat, rye, and oats ended on the Eastern Shore in the second decade and between Chesapeake Bay and the Allegheny Mountains in third decade; yields were fair to excellent. Digging early potatoes ended; the crop was good, but prices were low. During the third decade: late potatoes were making in western Maryland and blooming in central and eastern divisions; early corn, well eared and ears well filled, was maturing; early tomato harvest was at its peak; sweet potatoes were maturing; early tobacco was being cut and housed; and soy beans were being cut for hay. Haying, plowing, and harvesting early tomatoes, sugar corn, truck, gardens, early tree fruits, berries, cantaloupes, and watermelons were in progress. The dry, warm weather caused firing and wilting of corn, except in the Allegheny Mountain region, and injured tobacco.—*J. B., jr.*

TEMPERATURE

The monthly mean for the section, 74.1°, is 0.9° above normal. The highest monthly mean was 77.2° at Solomons; the lowest, 66.3° at Sines. The highest temperature, 100°, occurred at Keedysville on the 13th; the lowest, 36°, at Oakland on the 29th. The greatest local monthly range was 57° at Hancock; the least, 33°, at Solomons. The greatest daily range was 44° at Hancock on the 26th.

PRECIPITATION

The monthly average for the section, 3.27 inches, is 1.05 inches below normal. The greatest monthly amount was 7.64 inches at Grantsville; the least, 1.01 inches at Elkton. The greatest 24-hour amount was 2.80 inches at Dover on the 14th. The average number of days with 0.01 inch or more, 9, is 1 below normal.

MISCELLANEOUS PHENOMENA (WITH DATES)

Damage by Severe Thundergust—About 5:45 p.m., 3d; northeast of Havre de Grace; path mile wide; general store moved from its foundations; number of barns blown down; 50 trees uprooted, damaging poles and breaking wires; much corn flattened; youth injured.

Damage by Severe Thundergust—Late afternoon, 13th; B. & O. R. R. grounds of the Fair of the Iron Horse, Halethorpe; the large brick Transportation Building was wrecked, damaging or destroying models, pictures, and other exhibits of railroading; some engines and cars built nearly 100 years ago were damaged slightly; loss estimated at \$100,000.

Fogs, light.—1, 3, 4, 7, 8, 11 to 23, 28, 30. **Fogs, dense.**—12, 17, 18, 19.

Hail, light.—Keedysville and Westminster, 13; Baltimore, 13, 14. **Hail, Solar.**—Baltimore, 1, 29, 31.

Halo, Lunar.—Washington, D. C., 13, 16. **Rainbows.**—Baltimore, 3, 13, 22; Fallston, 13; Ferry Landing, 20, 21; Solomons, 13.

Sundog.—Princess Anne, 21.

Thundergusts, high—Westerly. 3, 13, 14, 22. Gust of 13th was severe in southern Carroll, southern Baltimore, Howard, and northern Anne Arundel Counties.

Thunderstorms.—1, 2, 3, 6, 10, 13, 14, 15, 16, 18, 19, 22.

PRESSURE, HUMIDITY, SUNSHINE AND WIND

Stations	Atmospheric pressure reduced to sea level					Wind			Mean relative humidity			Percentage of sunshine	
	Average	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	8 a. m.	Local n'n		8 p. m.
Aberdeen, Md.	30.03	30.28	18	29.66	1	7.9	36	nw.	13	79	..	75	..
Annapolis, Md.	30.01	30.25	18	29.71	1	7.8	..	..	..	76	62	74	..
Baltimore, Md.	30.01	30.28	18	29.68	1	9.6	..	sw.	13	72	62	68	68
Elkins, W. Va.	30.04	30.26	24	29.79	1	4.9	29	nw.	10	89	62	80	56
Harrisburg, Pa.	30.00	30.26	18	29.64	1	6.5	19	ne.	15	77	55	62	61
Norfolk, Va.	30.01	30.19	18	29.80	1	8.6	38	nw.	2	76	62	76	64
Philadelphia, Pa.	30.03	30.29	18	29.67	1	10.0	34	n.	1	76	55	65	60
Pittsburgh, Pa.	30.02	30.24	24	29.74	1	8.7	42	s.	15	81	58	70	69
Washington, D. C.	30.01	30.25	18	29.68	1	6.1	17	se.	19	76	54	65	57

COMPARATIVE DATA FOR MARYLAND AND DELAWARE FOR AUGUST

Year	Temperature				Precipitation				Number of days				
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest	Least	Average snowfall	With .01 in. or more precipit n	Clear	Partly cly	Cloudy
1895....	75.7	+2.5	102	31	2.03	-2.29	4.76	0.49	0.0	6	19	10	2
1896....	74.6	+1.4	103	34	1.71	-2.61	4.50	0.47	0.0	6	19	8	4
1897....	71.8	-1.4	95	39	3.51	-0.81	5.62	1.48	0.0	8	18	10	3
1898....	75.4	+2.2	98	46	6.48	+2.16	10.61	2.81	0.0	9	16	9	6
1899....	74.1	+0.9	102	41	4.15	-0.17	7.66	0.75	0.0	9	12	11	8
1900....	78.8	+5.6	104	41	3.02	-1.30	6.77	0.85	0.0	9	19	8	4
1901....	75.0	+1.8	98	42	5.85	+1.63	12.05	2.70	0.0	10	14	10	7
1902....	71.7	-1.5	100	33	2.07	-2.25	4.31	0.87	0.0	7	17	11	3
1903....	71.1	-2.1	100	37	5.20	+0.88	8.34	3.18	0.0	13	9	10	12
1904....	71.9	-1.3	97	31	2.91	-1.41	8.74	0.69	0.0	8	14	11	6
1905....	72.9	+0.3	104	38	5.30	+0.98	12.33	1.85	0.0	9	13	12	6
1906....	75.8	+2.6	97	47	8.44	+4.12	14.36	2.98	0.0	16	7	13	11
1907....	71.5	-1.7	95	39	4.26	-0.06	9.50	1.68	0.0	11	13	12	6
1908....	71.7	-1.5	101	34	4.99	+0.67	10.61	1.98	0.0	9	13	10	8
1909....	71.8	-1.4	99	33	3.10	-1.22	6.07	0.51	0.0	7	16	9	6
1910....	72.4	+0.8	95	34	2.85	-1.47	12.63	0.54	0.0	9	12	11	8
1911....	74.7	+1.5	104	37	0.94	+5.62	15.63	3.89	0.0	16	12	11	8
1912....	71.8	-1.4	99	36	2.79	-1.53	6.26	1.22	0.0	9	14	11	6
1913....	73.1	-0.1	101	38	3.86	-0.46	7.65	1.25	0.0	8	16	10	5
1914....	74.7	+1.5	102	38	4.73	+0.41	9.31	1.57	0.0	9	16	9	6
1915....	72.7	-0.5	102	38	8.19	+3.87	12.56	2.66	0.0	14	12	11	8
1916....	74.2	+1.0	101	38	2.18	-2.14	5.19	0.50	0.0	7	18	10	3
1917....	73.5	+0.3	100	40	3.19	-1.13	6.31	0.77	0.0	8	18	8	3
1918....	76.1	+2.9	109	40	2.95	-1.37	5.50	0.51	0.0	8	17	9	5
1919....	72.0	-1.2	96	39	6.06	+1.74	12.99	1.66	0.0	11	16	9	6
1920....	73.6	+0.4	95	39	7.02	+2.70	11.16	2.95	0.0	17	8	12	11
1921....	71.3	-1.9	98	37	3.71	-0.61	6.45	1.10	0.0	8	18	8	5
1922....	71.8	-1.4	98	31	3.38	-0.94	9.17	1.11	0.0	10	14	10	7
1923....	72.8	-0.4	98	34	3.08	-1.24	6.65	0.94	0.0	11	15	10	6
1924....	73.4	+0.2	103	35	4.07	-0.25	7.44	1.09	0.0	8	16	10	7
1925....	71.7	-1.5	98	35	2.50	-1.82	6.13	0.86	0.0	8	19	7	5
1926....	75.0	+1.8	104	42	6.44	+2.12	10.13	2.67	0.0	14	14	7	10
1927....	68.5	-4.7	92	36	4.09	-0.23	6.40	1.99	0.0	13	10	11	10
1928....	75.7	+2.5	100	41	9.19	+4.87	18.08	3.23	0.0	12	11	10	10
1929....	71.5	-1.7	99	35	2.70	-1.62	5.13	3.38	0.0	7	16	10	5
1930....	73.8	+0.6	108	30	1.12	-3.20	3.33	0.15	0.0	5	15	12	4
1931....	73.8	+0.6	101	40	7.70	+3.38	14.49	3.04	0.0	15	10	11	10
1932....	74.7	+1.5	104	38	2.50	-1.82	4.93	1.06	0.0	7	18	10	3
1933....	74.0	+0.8	100	40	10.29	+5.97	15.59	3.61	0.0	12	10	11	10
1934....	72.1	-1.1	97	32	4.99	+0.67	11.50	2.50	0.0	10	10	13	8
1935....	74.1	+0.9	100	36	3.27	-1.05	7.64	1.01	0.0	9	11	14	6
Period.	73.2	.....	109	30	4.32	.....	18.68	0.15	0.0	10	15	10	6

Daily Temperatures for August, 1935

Table with columns for Stations, 31 days (1-31), and Mean. Rows list various Maryland and Delaware locations such as Aberdeen, Annapolis, Baltimore, etc., with their respective maximum and minimum temperatures for each day.

†Instruments are read in morning; maximum temperature then read is charged to preceding day, on which it almost always occurs. Temperatures at Aberdeen, Annapolis, Baltimore, Dundalk, Sines, and Washington are from midnight to midnight; other stations, except Cumberland, are for 24-hour period ending late in afternoon, near sunset.

(W. B., Richmond, Va.,--10-11-35-930)