

U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

OCTOBER 1954  
Volume LVIII No. 10



MARYLAND AND DELAWARE - OCTOBER 1954

WEATHER SUMMARY

Hot weather most of the first half and hurricane "Hazel" on the 15th were the outstanding features of the month. Temperatures over the section ranged from 96° at La Plata and Owings Ferry Landing, Maryland, on the 4th to 18° on the 31st at Bittinger 2 NW, Maryland, in the Garrett County mountains, and the average of 60.2° was 3.6° above normal. Precipitation averaged 3.59 inches (0.60 inch above normal) and local amounts ranged from 9.51 inches at Bittinger 2 NW, Maryland, to 1.62 inches at Milford, Delaware. The greatest daily amount was 5.58 inches recorded at Savage River Dam, Maryland, on the 16th. Details of the hurricane damage are given below.

Very high temperatures and scattered showers the first five days denied the calendar season of Autumn, but a turn to colder weather on the 6th progressed to the extent that temperatures the 7th and 8th would have been near normal for the second week of November. Temperatures rose on the 9th and 10th, almost as far and as fast as they had previously fallen. This second hot weather period lasted through the 14th, with clear weather prevailing during this period and the preceding cold snap. By midnight of the 14th-15th, hurricane "Hazel" had reached a position about 250 miles south southeast of Wilmington, North Carolina, and spread cloudiness northward into Pennsylvania and New Jersey. Rain began in Maryland and Delaware during the early hours of the 15th and continued until early evening. The hurricane center reached the coast line in the vicinity of the South Carolina-North Carolina boundary before 10 A.M. on the 15th, crossed Maryland in the vicinity of Hagerstown between 5 and 6 P.M., and entered western New York about 8 P.M. Winds were of hurricane force near the path of the storm's center, and very near hurricane force eastward to the Atlantic coast. Peak gust wind speeds were

above 80 mph over eastern Maryland and Delaware. Rainfall due to the storm exceeded five inches in extreme western Maryland but diminished sharply east of the storm center. (See map page 131). Fair and cool weather arrived in the wake of the storm during the night of the 15th. Cloudy skies and light rains the 19th-20th interrupted the fair weather feature, but temperatures continued moderately low through the 22nd. The 23rd-27th was a mild period with showery weather the 26th-27th. There was more showery weather the 29th-30th and temperatures declined to fairly low levels by the 31st.

With the exception of the hurricane, weather conditions during October were favorable to most interests. There was very good progress in harvesting apples and corn, and in seeding grain prior to the hurricane. Dry weather and heat reduced pastures to a poor state the early part of the month but the storm rains effectively revived pastures to fair-to-good conditions. The extreme of contrasts, record-high floods and record-low reservoirs, occurred in Maryland and is described by the U. S. Geological Survey as follows:

"Floods, record high at some stations in western Maryland with less than 10 years of record, and exceeded only by those of March 1924 in the upper reaches of the Potomac River, occurred as a result of the passage of hurricane "Hazel" and accompanying rainfall of more than 5 inches in 12 hours. Peak discharge of North Branch Potomac River near Cumberland reportedly would have exceeded all known floods but for storage at Savage River Dam. In contrast, in eastern Maryland runoff was deficient and combined storage in Loch Raven and Prettyboy Reservoirs, 64 per cent of capacity, was the least since the latter was first filled after completion 21 years ago."

ESTIMATED DAMAGE, HURRICANE "HAZEL", OCTOBER 15, 1954

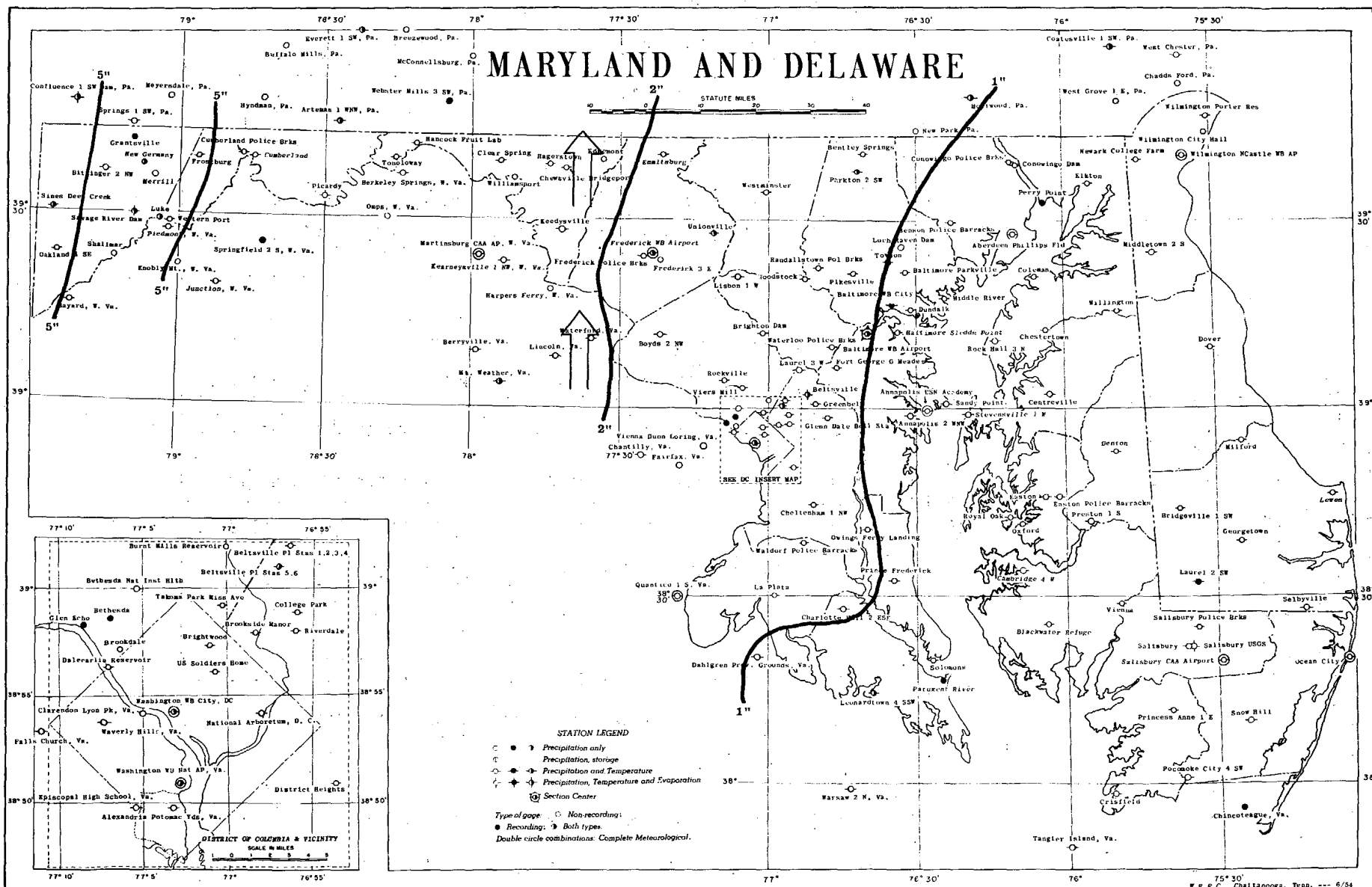
Six persons were killed and an unknown number injured.

Homes and commercial buildings:	\$8,000,000 to \$10,000,000
Boats: widely differing estimates. After salvage probably \$750,000 (mostly in Maryland-Chesapeake Bay area)	
Wharves and private docks:	\$1,000,000
Soil erosion and saltwater damage:	\$1,500,000
Bridges and roads in tidal areas:	\$300,000 to 400,000
Timber and residential area trees:	500,000
Utilities (electric, telephone, gas):	\$1,261,000 (Md.) 200,000 (Del.)
Crops (apples, tobacco):	300,000 (Md.) 60,000 (Del.)
Farm buildings (mostly poultry houses and tobacco barns)	10,000,000 (Md.) 15,000,000 (Del.)

(The poultry industry was hit hard, particularly in Delaware where it was estimated that 25% to 50% of poultry houses were destroyed). Wherever possible the damage has been identified by states. The total damage in Maryland and Delaware is estimated between \$35,000,000 and \$40,000,000.

Jacob T. B. Beard

STORM RAINFALL AND APPROXIMATE HURRICANE TRACK



# SUPPLEMENTAL DATA

MARYLAND AND DELAWARE  
OCTOBER 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of latest mile	1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
ABERDEEN PHILLIPS FIELD, MD	-	-	-	-	-	-	81	82	54	75	6	2	4	2	0	0	14	-	-
ANNAPOLIS USN ACADEMY, MD	S	-	9.2	-	-	-	75	76	58	66	4	3	3	2	1	0	13	-	-
BALTIMORE WB AP, MD	SW	13	9.0	73	SE	15	81	84	52	68	5	4	3	1	1	0	14	59	5.1
FREDERICK WB AP, MD	-	-	-	-	-	-	-	-	-	-	-	6	3	1	1	0	-	-	-
WASHINGTON WB CITY, D. C.	SSW†	17†	9.6†	42	SE	15	78†	82†	49†	65†	1	5	2	2	1	0	11	63†	4.9†
WILMINGTON WB AP, DEL	WSW	12	7.6	-	-	-	83	85	54	72	5	3	5	0	1	0	14	-	5.3

† Airport Data

# COMPARATIVE DATA

Table 1

OCTOBER

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
MARYLAND						MARYLAND						MARYLAND					
1895	50.7	82	4	1.93	T	1917	50.7	87	18	5.66	1.1	1939	56.8	94	15	4.83	T
1896	52.4	85	18	1.44	T	1918	59.6	89	21	1.43	0	1940	53.1	86	20	2.35	2.2
1897	58.6	91	20	2.94	0	1919	82.3	96	21	3.31	0	1941	61.5	99	20	1.63	0
1898	56.8	89	17	4.87	T	1920	60.2	91	25	0.84	0.1	1942	57.8	87	14	6.77	T
1899	57.1	88	15	2.60	0	1921	55.7	85	20	1.09	T	1943	54.2	86	19	5.08	T
1900	60.6	91	21	2.03	0	1922	58.3	94	15	1.93	0	1944	54.8	89	17	3.52	T
1901	54.8	92	16	1.14	T	1923	54.8	90	18	2.39	T	1945	55.4	85	23	1.43	T
1902	57.2	89	17	5.72	T	1924	55.9	88	15	0.40	0	1946	59.3	90	24	2.85	0
1903	56.5	89	20	4.06	T	1925	50.9	85	16	5.49	3.4	1947	61.8	94	17	1.47	0
1904	53.6	91	14	2.06	T	1926	55.8	94	21	3.40	0.1	1948	54.1	88	19	3.52	3.0
1905	56.5	93	20	2.80	T	1927	58.6	98	24	6.00	0.6	1949	61.0	97	18	3.49	0
1906	55.3	82	12	5.17	0.1	1928	57.7	90	13	1.02	T	1950	58.1	87	15	2.68	T
1907	51.1	83	15	2.34	T	1929	53.4	85	23	5.58	0.1	1951	59.2	97	22	1.96	T
1908	57.3	90	15	2.34	0	1930	53.9	89	7	0.74	0.1	1952	53.3	89	13	1.18	T
1909	51.5	86	19	1.79	T	1931	59.1	91	22	1.89	T	1953	56.2	98	17	2.65	T
1910	58.8	92	15	3.21	0.1	1932	56.5	88	22	6.35	0.1	1954	60.1	96	18	3.76	T
1911	57.3	85	23	3.47	T	1933	54.7	91	16	2.03	T	All Years	58.4			2.98	0.2
1912	57.9	93	18	1.54	T	1934	54.6	85	15	1.25	0.1	DELAWARE					
1913	57.9	92	13	4.55	0.1	1935	56.0	88	17	2.75	0.1	1939	58.7	92	27	4.63	0
1914	59.1	93	19	1.73	T	1936	57.6	85	16	3.24	T	1940	53.6	83	23	2.25	1.6
1915	57.7	88	19	3.85	T	1937	53.4	87	14	7.29	0.1	1941	63.0	97	24	1.58	0
1916	55.4	91	19	1.95	T	1938	56.5	92	19	1.75	0	1942	56.6	82	24	4.96	0
DELAWARE						DELAWARE						DELAWARE					
1895	51.9	80	27	2.85	T	1917	52.4	83	21	8.99	0	1943	55.1	82	30	6.21	0
1896	54.0	84	28	3.16	0	1918	59.4	85	29	0.89	0	1944	55.8	87	25	2.82	0
1897	57.8	90	30	5.90	0	1919	63.3	93	35	2.72	0	1945	56.0	84	28	2.94	0
1898	58.8	88	31	4.18	0	1920	61.0	86	34	1.07	0	1946	59.5	86	33	2.10	0
1899	58.3	83	29	3.61	0	1921	56.8	82	31	1.00	0	1947	62.6	88	27	1.87	0
1900	60.8	85	31	3.09	0	1922	59.3	89	28	1.41	0	1948	54.9	80	25	3.81	0
1901	55.8	82	30	1.59	0	1923	56.0	82	30	3.58	0	1949	61.7	88	27	4.32	0
1902	57.8	84	27	4.89	T	1924	56.8	84	30	0.99	0	1950	59.0	85	26	1.75	0
1903	57.6	86	31	6.23	T	1925	53.0	87	25	4.56	1.7	1951	59.8	91	32	2.83	T
1904	53.8	90	26	2.78	0	1926	56.8	91	26	2.46	0	1952	53.3	87	21	0.76	T
1905	57.8	89	31	2.05	0	1927	59.3	94	36	4.85	0	1953	58.5	86	28	4.00	0
1906	57.3	81	28	4.47	0	1928	58.6	88	25	1.13	0	1954	60.9	92	29	2.23	0
1907	52.1	82	27	2.92	0	1929	55.0	80	28	4.33	0	All Years	57.6			3.07	0.1
1908	59.2	88	33	1.81	0	1930	54.9	86	23	1.45	0						
1909	53.2	82	25	1.22	0	1931	60.8	90	33	2.61	0						
1910	59.8	88	27	5.39	0	1932	58.6	85	30	8.70	0						
1911	57.2	83	33	2.83	0	1933	56.8	85	26	1.27	0						
1912	60.0	96	33	2.02	0	1934	55.2	79	28	2.08	T						
1913	59.5	80	30	4.67	0	1935	57.2	84	30	2.92	0						
1914	60.6	87	26	1.77	0	1936	58.8	83	23	3.27	0						
1915	59.4	87	30	4.08	0	1937	55.5	82	26	5.47	T						
1916	57.0	89	29	1.53	0	1938	58.1	86	33	2.33	0						

See reference notes following Station Index

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE  
OCTOBER 1954

TABLE 2

Station	Temperature												Precipitation								
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days			Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hall		No. of Days		
										90° or Above	80° or Above	70° or Above					Total	Max. Depth on Ground	Date	.18 or More	.50 or More
MARYLAND																					
ABERDEEN PHILLIPS FLD	69.1	50.0	59.6	3.4	87	13	34	8+	254	0	0	0	2.61	.07	.92	15+	.0	0	6	2	0
ANNAPOLIS U S N ACADEMY	68.2M	54.4M	61.3M	3.2	90	4	34	31	199	1	0	0	2.80	.36	1.05	29	T	0	6	3	1
ANNAPOLIS 2 WNW	69.8M	49.5	59.7M		93	4	30	8	295	2	0	2	3.60				.0	0	5	3	1
BALTIMORE SLEDDS PT	72.5	51.7	62.1		91	4+	32	31	200	3	0	1	3.24		1.10	29	.0	0	5	3	1
BALTIMORE WB AIRPORT	70.0	49.1	59.6	3.1	92	4	31	31	259	1	0	1	3.24	.13	1.28	15	T	0	5	2	1
BALTIMORE WB CITY	71.5	54.9	63.2	3.0	90	12	38	31	177	1	0	0	3.32	.05	.92	29	.0	0	7	2	0
BALTIMORE PARKVILLE	71.1	49.6	60.4		90	13	31	31	234	1	0	1	4.08		1.28	30	.0	0	6	3	2
BELTSVILLE	72.9	45.6	59.3	3.9	93	5	26	8		5	0	6	3.31	.10	.96	16	.0	0	6	0	3
BELTSVILLE PLANT STA 1	72.4	45.9	59.2		91	1+	27	8+		3	0	6	3.38		1.11	16	T	0	4	4	1
BELTSVILLE PLANT STA 2	72.4	44.8	58.6		91	5	27	8		3	0	6	3.09		.82	16	T	0	5	4	0
BELTSVILLE PLANT STA 3	72.3	47.7	60.0		92	5	29	31		3	0	3	3.08		.78	29	T	0	5	4	0
BELTSVILLE PLANT STA 4	72.5	49.2	60.9		92	5	29	31		4	0	1	3.06		.94	16	T	0	5	4	0
BELTSVILLE PLANT STA 5	72.6	44.7	58.7		92	5	26	8		4	0	1	3.45		.95	16	.0	0	5	4	0
BELTSVILLE PLANT STA 6	72.4	48.5	60.5		92	5	26	8		4	0	2	3.40		.8	16	.0	0	5	4	0
BENSON POLICE BARRACKS	69.8	47.8	58.8	3.4	86	3+	30	31	260	0	0	2	2.54	.80	.7	15	.0	0	7	2	0
BENTLEY SPRINGS	69.9M	46.3M	58.1M		87	13	26	31	287	0	0	4	4.22		1.88	15	.0	0	8	3	1
BETHESDA NAT INST HLTH	71.2	47.2	59.2		91	13	28	8	268	3	0	3	3.81		1.85	15	.0	0	5	3	1
BITTINGER 2 NW	60.1	42.0	51.1		78	12	18	31	444	0	1	9	9.51		5.36	15	.0	0	10	5	2
BLACKWATER REFUGE	75.1	54.5	64.8	5.5	90	4	30	8	139	1	0	1	2.01	.88	.50	29	.0	0	6	1	0
BOYDS 2 NW	70.3	46.7	58.5		92	4	29	31	269	2	0	2			1.91	15	.0	0			1
BRIGHTON DAM	70.3	43.9	57.1		88	13+	21	31	302	0	0	6	3.98		1.78	15	.0	0	6	3	1
BROOKSIDE MANOR																					
CAMBRIDGE 4 W	72.3	51.6	62.0	3.0	93	4	28	8	220	3	0	1	2.50	.68	.90	29	.0	0	6	3	0
CENTREVILLE	72.3M	48.9M	60.6M		91	4	29	8	236	1	0	1	2.31		1.05	29	.0	0	6	1	1
CHARLOTTE HALL 2 ESE	73.0	50.0	61.5	3.8	91	4	30	8	226	1	0	1	3.70	.38	1.15	15	T	0	7	3	1
CHELTENHAM 1 NW	73.1	48.9	61.0	3.9	95	5	28	8+		5	0	2	2.97	.07			.0	0			0
CHESTERTOWN	72.4	51.5	62.0	5.3	93	4	35	8+	214	2	0	0	3.18	.10	1.22	29	.0	0	5	2	1
CHEWSVILLE BRIDGEPORT	68.7	46.5	57.6	3.2	90	13	29	8+	301	1	0	4	4.56	1.59	2.36	15	T	0	7	2	1
CLEAR SPRING	70.7	46.9	58.8	4.4	93	13	30	8	263	1	0	2	4.86	1.76	2.90	15	.0	0			2
COLEMAN	73.4	53.2	63.3	5.0	94	13	37	8+	176	4	0	0					.0	0			
COLLEGE PARK	73.4	46.2	59.8	3.4	93	4	27	8	262	4	0	5	3.43	.54	1.52	15	.0	0	5	3	1
CONOWINGO DAM	69.1	48.5	58.8	3.8	88	3	31	31	266	0	0	2	2.75	.65	.84	15	.0	0	8	2	0
CONOWINGO POLICE BRKS	72.0M	47.9M	60.0M		86	3+	29	31	243	0	0	2					.0	0			0
CRISFIELD	72.1	57.3	64.7	3.4	86	4+	40	31	135	0	0	0	2.28	.68	.86	29	.0	0	6	1	0
CUMBERLAND	68.4	44.6	56.5	1.9	88	12	27	8	318	0	0	6	6.15	3.62	4.03	16	.0	0	7	3	1
CUMBERLAND POLICE BRKS	69.7	41.1	55.4		90	12	22	8	346	1	0	13			3.95	15	.0	0			1
DENTON	72.9	49.2	61.1	3.7	94	4	29	8	236	3	0	3	3.17	.19	1.25	29	.0	0	7	2	1
DISTRICT HEIGHTS	72.3	50.4	61.4		95	4	32	31	230	4	0	1	4.41		1.43	15	T	0	6	4	1
DUNDALK	71.3	52.4	61.9	90	4	36	31	206	1	0	0	3.23		1.21	29	.0	0	5	2	1	
EASTON	71.5	53.5	62.5		92	4	34	8	196	1	0	0	2.14		.76	29	.0	0	6	1	0
EASTON POLICE BRKS	73.6	51.3	62.5	4.8	93	4	30	31	201	1	0	1	2.66	.54	1.23	29	.0	0	6	2	1
ELKTON	71.2	48.0	59.6	3.6	95	3	31	8	254	1	0	3					.0	0	6	2	1
EMMITSBURG	67.9	50.5	59.2	3.9	88	12	32	31	252	0	0	1	4.79	1.24	1.58	15	T	0	7	4	2
FORT GEORGE G MEADE	73.0	42.7M	57.9M	.7	93	4	28	31	306	2	0	6	3.91	.57	1.62	15	.0	0	5	2	2
FREDERICK POLICE BRKS	71.5	49.0	60.3	4.4	89	4+	31	8	240	0	0	1	3.22	.28	1.23	15	.0	0	6	3	1
FREDERICK WB AIRPORT	69.2	45.5	57.4	.6	90	12	29	8	299	1	0	3	2.85	.44	1.44	15	.0	0	5	2	1
FROSTBURG	64.7	44.5	54.6	.8	83	12	27	8	357	0	0	6	8.10	4.89	5.27	15	.0	0	8	3	1
GLENN DALE BELL STA	73.8	46.8	60.3	4.6	93	13	26	8	259	4	0	4	3.56	.32	1.51	15	.0	0	4	3	2
GREENBELT	73.3	46.4	59.9		93	5	29	8		4	0	4			1.09	16	T	0	4	3	1
HAGERSTOWN	68.1	46.1	57.1		89	13	28	8+	308	0	0	5	5.04		1.83	16	T	0	7	4	2
HANCOCK FRUIT LAB	71.3	41.7	56.5	1.5	90	13	25	8+		1	0	10	2.82		.92	29	.0	0	5	2	0
KEEDYSVILLE	71.7	46.2	59.0	3.0	91	12+	29	8+	266	2	0	4	6.12	2.85	4.00	15	.0	0	6	2	1
LA PLATA	73.3	49.1	61.2	3.4	96	4	27	31	241	5	0	3	3.65	.55	1.20	15	T	0	6	3	1
LAUREL 3 W	71.2	49.8	60.5	4.5	90	13	30	31	240	1	0	1	3.17	.10	.98	15	.0	0	6	3	0
LEONARDTOWN 4 SSW	75.2M	50.8M	63.0M	4.6	91	4	32	8	178	1	0	1	3.14	.07	1.13	29	.0	0	7	2	1
MIDDLE RIVER	69.6	50.6	60.1		90	4	32	31	232	1	0	1	2.82		.92	29	.0	0	5	2	0
MILLINGTON	73.2	49.6	61.4	4.1	91	13	30	8	224	3	0	1	3.47	.51	1.11	29	.0	0	7	2	1
OAKLAND 1 SE	63.5	40.4	52.0	2.3	81	14	21	20	416	0	12	0	8.35	5.09	4.25	15	1.5	1	12	4	1
OCEAN CITY	71.5	57.3	64.4		93	4	40	31	139	1	0	0	3.66		1.55	30	.0	0			2
OWINGS FERRY LANDING	73.0	51.5	62.3	4.2	96	4	32	8+	212	4	0	2	3.40	.38	1.34	15	T	0	6	3	1
OXFORD	71.2	53.5	62.4	2.7	89	4	38	8	179	0	0	0	2.30	.90	.77	29	.0	0	6	1	0
PARKTON 2 SW	67.9	45.5	56.7		86	3+	24	31	323	0	0	4	3.25		1.44	15	T	0	6	2	1
PICARDY																					
PIKESVILLE POLICE BRKS	72.5	50.7	61.6		92	13+	31	31	220	3	0	2	2.80		.65	29	.0	0	8	3	0
POCOMOKE CITY 4 SW	72.7	50.9	61.8	2.1	89	4	33	8+	214	0	0	0	3.52	.18	1.90	29	.0	0	5	2	1

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE  
OCTOBER 1954

TABLE 2 - CONTINUED

Station	Temperature											Precipitation																				
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days										
										5 or Above	31° or Below	32° or Below	33° or Below	34° or Below					Total	Total	Max. Depth on Ground	Date	16 or More	50 or More	100 or More							
																										Max.	Min.					
SINES DEEP CREEK	62.3	39.6	51.0	2.3	82	14	21	31	446	0	1	13	0	8.13	4.66																	
SNOW HILL	74.4	50.9	62.7	4.4	93	4	34	8+	186	1	0	0	0	3.08	.04	1.55	29	.0	0				6	1	1							
SOLOMONS	72.6	56.1	64.4	3.9	89	3+	35	8	155	0	0	0	0			1.83	30	.0	0													
STEVENSVILLE 1 W	73.0M	54.5M	63.8M		90	4			159	1	0	0	0	2.50		1.05	29	.0	0													
TAKOMA PARK MISS AVE	71.2	49.3	60.3	3.2	91	4	30	31	254	2	0	1	0	3.91	.43	1.67	15	T	T	30		5	3	1								
TONOLOWAY																																
TOWSON	72.8	47.3	60.1	4.2	91	13	27	31	251	2	0	2	0	3.22	.03	1.25	15	.0	0				7	2	1							
UNIONVILLE	70.5	44.3	57.4	6.2	90	12+	27	31	302	2	0	7	0	3.95	.83	1.78	15	T	0				6	3	1							
VIENNA	74.0M	52.2M	63.1M		91	4	32	8	164	1	0	1	0	1.93		.47	29	.0	0				8	0	0							
VIERS MILL	72.5	46.7	59.6		92	4	27	31	265	2	0	5	0	4.62		1.89	15	.0	0				8	3	1							
WALDORF POLICE BRKS	74.2M	47.6M	60.9M		95	4	27	8+	247	5	0	3	0			1.15	15	.0	0													
WATERLOO POLICE BRKS	73.1M	46.1M	59.6M		91	13	29	31	264	5	0	2	0	3.68		1.50	15	.0	0				7	3	1							
WESTERN PORT	69.6	45.4	57.5	2.3	90	12+	29	8+	292	1	0	4	0	6.95	4.37	5.20	15	T	0				7	2	1							
WESTMINSTER	68.7	47.0	57.9	2.2	87	12	27	31	291	0	0	3	0	4.07	.77	1.90	15	.0	0				6	2	1							
WOODSTOCK	70.9	44.7	57.8	2.9	90	12+	27	8+	295	2	0	5	0	4.05	.94	1.90	15	.0	0				6	3	1							
DISTRICT OF COLUMBIA																																
DALECARLIA RESERVOIR DC	70.7	49.2	60.0		91	4	29	31	256	1	0	1	0	4.42		1.91	15	.0	0				5	3	1							
NATIONAL ARBORETUM D C	73.8	51.3	62.6		94	4	33	8+	208	4	0	0	0	3.86		1.58	15	T	0				6	3	1							
U S SOLDIERS HOME D C	73.2	51.3	62.3		94	5	33	31	6	0	0	0	0	4.62		1.04	16	.0	0				6	5	1							
WASHINGTON WB CITY DC	71.7	52.1	61.9	3.5	92	4+	34	31	218	3	0	0	0	4.24	1.27	1.85	15	.0	0				5	3	1							
MARYLAND AND D C			60.1	3.7										3.76	.78			T														
DELAWARE																																
BRIDGEVILLE 1 NW	71.9	49.9	60.9	3.5	92	4	29	8	231	1	0	2	0	1.88	1.24	.52	30	.0	0				5	1	0							
DOVER	72.1	51.7	61.9	4.4	90	4	34	31	212	1	0	0	0	2.36	.54	.87	29	.0	0				7	1	0							
GEORGETOWN 5 SW	73.6	50.1	61.9		91	4	29	31	213	1	0	3	0	1.85		.52	15	.0	0				4	2	0							
LAUREL 2 SW																																
LEWES	72.1	51.3	61.7		92	4	32	8+	216	1	0	2	0	2.28		.79	29	.0	0				5	2	0							
MIDDLETOWN 2 S	73.2	48.4	60.8		89	4	30	8	228	0	0	2	0	2.91		1.05	29	.0	0				6	2	1							
MILFORD	72.6M	49.8M	61.2M	3.0	91	4	29	8	228	1	0	1	0	1.62	1.68	.42	29+	.0	0				5	0	0							
NEWARK COLLEGE FARM	70.9	48.2	59.6	4.2	88	4+	30	8	249	0	0	3	0	2.47	.62	1.25	29	.0	0				6	1	1							
SELBYVILLE	73.4	50.2	61.8		91	4	31	31	216	2	0	3	0	2.66		1.27	29	.0	0				5	1	1							
WILMINGTON NEWCASTL WB AP	69.7	49.5	59.6	3.4	87	11+	35	8+	249	0	0	0	0	2.08	.91	1.12	29	.0	0				6	1	1							
WILMINGTON PORTER RESVR	68.6	50.6	59.6	2.8	86	12	34	31	246	0	0	0	0	2.16	.82	1.26	29	.0	0				5	1	1							
STATE			60.9	3.3										2.23	.84			.0														
SECTION			60.2	3.6										3.59	.60			T														

† DATA RECEIVED TOO LATE TO BE INCLUDED IN STATE AVERAGES



DAILY PRECIPITATION

Table 3-Continued

MARYLAND AND DELAWARE  
OCTOBER 1954

Station	Total	Day of month																																		
		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				
MIDDLETOWN 2 S	2.91																																			
MILFORD	1.62		T	.06																																
NEWARK COLLEGE FARM	2.47																																			
SLEBYVILLE	2.69																																			
WILMINGTON NEWCASTL WB AP	2.08		T	.09																																
WILMINGTON CITY HALL	2.17																																			
WILMINGTON PORTER RESVR	2.16			.03		.10																														

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total	B	A.P.
		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			
BELTSVILLE, MD	EVAP	.20	-	-	.19	.26	.17	.17	.14	.11	.12	.13	.18	.23	.20	.16	.20	.08	.17	.09	.07	.11	.09	.11	.14	.14	.09	.01	.10	.16	.15	.08		B4.31	
	WIND	37	21	21	25	55	42	95	43	29	25	16	28	47	24	84	179	19	33	36	72	61	39	45	46	38	20	11	61	49	89	91		1481	
SAVAGE RIVER DAM, MD	EVAP	.18	.08	.04	.11	.05	.06	.15	.14	.10	.05	.12	.11	.13	.07	.12	-	.07	.07	*	*	.21	.10	.02	.16	.10	.07	.01	.11	.13	.03	.10		B2.78	
	WIND	18	22	12	39	32	26	91	37	58	31	24	32	27	24	57	85	38	53	44	41	61	88	73	52	34	34	26	73	48	37	89		1384	
GEORGETOWN 5 SW, DEL	EVAP	.14	.09	.10	.21	.15	.10	.20	.09	.09	.14	.17	.17	.05	.12	.20	.21	.11	.10	.08	.07	.08	.09	.11	.10	.09	.06	.0	.05	.14	.09	.12	.05	9.57	
	WIND	-	-	9	26	20	57	138	20	17	17	27	32	23	11	160	15	17	19	54	114	74	59	19	30	28	0	21	71	39	72	24		B1297	

SNOWFALL AND SNOW ON GROUND

Table 7

Station		Day of month																																		
		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				
ANNAPOLIS U S N ACADEMY	SNOWFALL SN ON GND																																			T
BALTIMORE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV																																			T
CHARLOTTE HALL 2 ESE	SNOWFALL SN ON GND																																			T
CHEWSVILLE BRIDGEPORT	SNOWFALL SN ON GND																																			T
LA PLATA	SNOWFALL SN ON GND																																			T
OAKLAND 1 SE	SNOWFALL SN ON GND																																			.5
OWINGS FERRY LANDING	SNOWFALL SN ON GND																																			T
PARKTON 2 SW	SNOWFALL SN ON GND																																			T
TAKOMA PARK MISS AVE	SNOWFALL SN ON GND																																			T
UNIONVILLE	SNOWFALL SN ON GND																																			T
WESTERN PORT	SNOWFALL SN ON GND																																			T



# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
OCTOBER, 1954

Table 5

Station	MAX MIN	Day Of Month																														Average
		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	
ABERDEEN PHILLIPS FLD	86 70	80 69	84 63	84 71	79 64	65 51	56 37	62 34	73 48	79 54	84 58	86 66	87 64	83 64	74 56	63 44	61 41	64 38	53 49	51 41	61 41	60 38	73 35	77 45	69 47	62 50	71 52	57 43	61 43	47 40	50 34	69.1 50.0
ANNAPOLIS U S N ACADEMY		79 72	82 71	90 74	80 70	71 55	61 44	59 41	71 57	75 60	78 65	77 69	78 68	78 70	75 59	61 51	62 48	64 43	53 50	54 42	62 45	73 49	77 54	70 54	65 56	72 56	62 44	49 47	50 39	59 34	68.2 54.4	
ANNAPOLIS 2 WNW	89 69	88 72	90 65	93 68	86 68	80 59	58 42	64 30	58 48	55 44	65 48	67 48	73 55	67 44	73 55	67 48	67 48	65 35	57 47	57 39	62 40	64 37	73 44	77 44	70 45	68 45	74 57	63 41	58 36	55 32	69.8 49.5	
BALTIMORE SLEDDS PT	87 72	83 71	90 68	91 69	83 70	75 58	58 40	68 40	77 50	78 52	88 57	91 62	87 62	84 68	77 68	74 44	62 40	66 40	61 48	56 42	62 41	73 44	78 47	70 44	64 53	63 48	73 54	60 46	62 48	55 38	54 32	72.5 51.7
BALTIMORE WB AIRPORT	86 72	81 67	88 64	82 69	81 65	65 49	56 36	61 33	78 49	80 52	89 56	89 63	82 62	78 65	82 53	61 42	61 39	64 36	54 47	54 38	61 41	62 40	72 41	75 48	68 46	63 48	75 51	57 40	61 42	49 31	48 31	70.0 49.1
BALTIMORE WB CITY	88 76	82 72	88 70	88 66	82 52	68 43	58 43	64 35	76 48	81 55	88 55	80 67	82 67	75 67	75 55	62 40	62 38	66 38	55 47	56 40	63 40	74 48	78 56	71 48	66 54	71 53	64 46	62 48	54 38	50 38	71.5 54.9	
BALTIMORE PARKVILLE	83 71	81 69	89 63	88 69	80 66	69 56	68 35	63 34	76 49	81 51	86 55	88 66	90 58	84 65	75 67	70 40	62 38	64 38	57 46	55 40	60 37	61 40	73 49	76 50	71 46	61 49	72 50	59 38	59 36	52 31	50 28	71.1 49.6
BELTSVILLE	90 70	88 75	83 62	91 65	93 66	86 62	65 33	86 26	73 31	82 46	88 50	90 60	92 60	85 59	62 67	75 38	65 34	62 31	56 45	56 36	57 36	62 37	72 32	75 36	63 39	73 42	62 49	60 31	60 36	62 28	50 28	72.9 45.6
BELTSVILLE PLANT STA 1	91 71	87 67	81 61	89 63	90 67	86 61	65 36	57 27	65 44	77 52	82 50	88 59	91 66	86 75	63 45	61 34	64 37	55 37	64 45	57 37	62 37	71 31	74 43	63 41	60 43	73 51	69 43	60 31	51 27	61 27	49 27	72.4 45.9
BELTSVILLE PLANT STA 2	90 68	86 70	82 60	89 62	91 66	85 61	66 33	57 27	65 43	77 46	82 47	87 54	89 55	91 65	85 57	75 37	64 32	62 31	55 44	57 37	62 36	71 40	74 48	63 35	73 42	62 48	69 29	59 35	62 36	49 28	72.4 44.8	
BELTSVILLE PLANT STA 3	90 71	88 69	82 63	89 65	92 68	84 62	66 35	57 30	69 46	77 49	81 53	87 61	89 61	90 62	85 66	74 39	63 35	61 34	64 45	55 38	63 41	64 48	71 54	75 43	62 45	63 52	60 32	58 38	62 36	49 29	72.3 47.7	
BELTSVILLE PLANT STA 4	90 71	88 69	83 62	90 66	92 69	84 62	66 35	57 30	64 46	76 49	82 53	87 61	88 62	91 66	85 65	75 40	63 37	62 38	56 45	58 39	62 41	71 48	75 54	63 43	73 52	62 48	69 39	60 40	57 35	49 29	72.5 49.2	
BELTSVILLE PLANT STA 5	90 70	88 68	83 61	90 62	92 67	84 61	66 34	57 26	64 43	76 45	82 47	87 55	88 56	91 65	85 57	75 32	63 31	62 31	56 44	58 37	62 37	72 40	75 48	63 38	72 42	75 51	60 35	59 35	61 35	50 27	72.6 44.7	
BELTSVILLE PLANT STA 6	90 71	87 69	83 64	90 66	92 69	84 62	66 36	56 28	65 46	76 51	82 56	87 64	89 62	90 65	85 65	74 40	62 36	62 36	65 46	55 37	62 42	63 46	71 54	72 45	62 46	63 54	58 34	58 39	62 36	49 29	72.4 48.5	
BENSON POLICE BARRACKS	84 69	80 68	86 61	83 68	80 64	71 55	57 34	61 32	72 41	78 50	80 54	82 61	86 68	82 65	72 58	60 43	53 35	59 40	59 46	71 48	76 49	71 45	65 47	61 51	59 46	71 47	61 49	59 46	48 38	57 30	78 47	69.8 47.8
BENTLEY SPRINGS	80 67	80 65	85 59	84 66	86 59	75 54	60 30	59 27	72 46	78 47	85 49	86 56	87 60	79 62	74 56	63 36	58 31		62 34	52 35	59 35	70 41	75 43	70 48	65 52	72 51	60 35	67 35	47 26	48 26	69.9 46.3	
BETHESDA NAT INST HLTH	87 69	82 68	90 63	86 65	70 67	56 53	66 35	66 28	78 47	83 48	88 56	91 61	85 62	82 51	74 48	62 42	62 37	65 37	55 46	62 42	62 37	63 40	74 48	72 45	63 40	63 45	68 33	62 43	52 35	48 32	71.2 47.2	
BITTINGER 2 NW	77 64	71 59	70 61	72 65	74 61	67 44	50 24	54 30	66 46	69 50	72 57	78 58	76 67	67 49	48 34	48 34	49 32	47 32	46 29	52 33	62 35	62 39	70 46	58 41	58 46	61 46	51 44	49 39	29 27	29 28	60.1 42.0	
BLACKWATER REFUGE	85 74	88 73	88 71	90 73	89 71	79 61	61 41	64 30	72 48	79 57	83 64	84 68	86 68	82 68	76 60	78 46	81 46	73 51	68 45	60 48	63 51	64 45	76 54	76 54	75 48	76 54	72 48	66 48	64 49	54 35	54 35	75.1 56.5
BOYDS 2 NW	86 63	81 64	85 62	82 67	84 64	74 55	55 34	61 31	76 47	81 50	84 55	86 57	80 57	74 44	73 44	60 44	61 38	61 39	57 42	60 39	61 42	61 46	72 46	73 46	68 47	63 45	58 35	57 39	49 40	46 29	70.3 46.7	
BRIGHTON DAM	80 66	76 60	84 59	83 63	84 63	78 58	63 30	59 34	75 43	78 45	87 52	88 55	88 64	80 59	69 43	61 32	58 31	62 42	54 35	62 35	61 33	71 42	69 36	67 41	67 36	81 48	59 36	59 35	56 36	48 21	70.3 43.9	
BRIGHTWOOD DC	89 74	87 73	85 68	89 71	91 72	85 65	67 39	55 37	63 47	75 55	79 62	85 66	87 66	88 66	75 44	62 42	61 40	64 45	56 40	56 41	60 44	70 41	73 49	71 48	63 48	60 48	57 46	62 38	50 35	71.4 52.4		
BROOKSIDE MANOR																																
CAMBRIDGE 4 W	89 72	87 72	90 69	93 68	85 68	72 60	60 38	68 28	77 46	83 58	87 63	86 65	90 65	87 68	75 65	67 54	65 46	69 34	69 45	61 45	61 45	72 42	71 46	71 46	71 52	72 43	60 38	63 47	48 39	47 34	72.3 51.6	
CENTREVILLE	85 72	84 70	86 63	91 69	88 65	80 58	60 40	64 29	74 46	78 50	84 57	85 65	87 64	87 64	79 42	63 42	68 43	61 49	55 42	60 43	61 37	71 43	74 43	73 48	69 45	73 40	60 33	61 40	49 37	48 37	72.3 48.9	
CHARLOTTE HALL 2 ESE	88 71	85 69	86 67	91 68	89 69	77 59	62 42	65 30	76 49	82 59	86 59	88 65	89 64	85 65	77 41	72 41	63 36	66 41	60 37	57 40	61 40	72 43	75 45	70 44	62 45	63 44	59 35	62 44	58 36	50 36	73.0 50.0	
CHELTENHAM 1 NW	91 73	89 69	86 67	91 70	89 64	80 64	67 38	65 28	75 43	81 51	82 59	88 63	90 61	85 68	75 40	64 34	64 34	63 39	53 35	37 44	61 39	72 44	75 44	72 44	66 44	63 44	58 34	52 34	49 28	48 28	73.1 48.9	
CHESTERTOWN	89 73	83 72	89 67	93 63	85 63	65 59	58 39	67 35	76 52	82 57	87 63	89 67	90 67	85 68	74 58	67 42	66 42	71 49	55 41	63 41	65 39	74 41	79 47	75 48	64 49	73 56	61 49	64 40	50 35	53 35	72.4 51.5	
CHEWSVILLE BRIDGEPORT	83 70	80 68	84 62	85 69	78 61	64 54	59 33	66 29	75 47	79 48	86 52	88 64	90 62	87 61	75 39	62 37	62 35	58 39	53 30	61 30	61 30	72 42	74 43	70 40	63 42	60 39	59 44	54 37	48 29	68.7 46.5		
CLEAR SPRING	85 66	80 68	84 62	86 59	82 54	64 48	61 36	60 30	76 48	80 50	88 62	89 51	93 62	84 62	79 46	62 31	61 36	58 41	56 36	63 41	64 34	72 41	78 41	72 42	63 46	72 48	63 44	56 42	50 32	48 32	70.7 46.9	
COLEMAN	90 72	81 71	86 68	87 70	80 66	72 56	62 39	65 37	80 52	83 57	90 62	91 66	94 71	87 64	78 52	73 49	67 41	68 42	60 42	60 42	64 42	73 45	78 51	72 46	65 49	73 56	60 44	64 40	55 37	53 37	73.4 53.2	
COLLEGE PARK	90 72	85 69	91 62	89 64	80 67	80 60	62 35	65 27	78 45	83 47	87 49	89 61	92 60	87 59	78 39	62 34	64 31	59 45	62 38	64 38	63 38	76 42	73 43	69 48	67 46	69 46	61 36	62 43	55 38	50 28	73.4 46.2	
CONOWINGO DAM	84 68	83 68	88 63	86 68	80 63	64 53	57 36	60 32	73 49	77 54	84 55	86 61	82 55	74 61	61 43	61 37	65 42	62 42	54 49	52 42	60 42	71 38	74 41	71 41	63 44	67 51	57 40	63 40	57 31	48 31	69.1 48.5	
CONOWINGO POLICE BRKS	85 69	82 66	86 61																													

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
OCTOBER 1954

Table 5 - Continued

Station		Day Of Month																															Average
		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	
DISTRICT HEIGHTS	MAX	89	85	90	95	87	75	58	65	78	82	89	90	90	86	75	64	62	65	56	58	62	64	71	76	72	64	68	59	62	52	52	
	MIN	73	70	68	71	68	58	37	33	52	53	60	64	63	63	56	42	38	39	44	37	41	41	42	48	46	50	56	36	46	35	32	
DUNDALK	MAX	86	80	89	90	83	75	58	62	73	79	85	88	88	83	75	68	61	69	59	56	61	61	72	76	69	63	72	63	61	55	50	
	MIN	72	70	67	72	69	58	38	38	50	56	59	63	63	67	67	46	44	41	49	40	43	45	41	49	49	51	55	42	46	39	36	
EASTON	MAX	85	83	85	92	86	76	60	65	74	78	84	85	86	84	77	75	62	67	61	55	60	60	70	74	70	67	70	60	61	56	49	
	MIN	74	71	69	72	72	60	40	34	50	57	64	66	66	69	67	48	44	41	50	44	46	44	39	48	50	52	58	43	44	41	37	
EASTON POLICE BRKS	MAX	88	86	89	93	88	78	58	67	75	82	87	88	88	86	80	75	65	69	62	56	62	61	69	76	74	70	72	62	63	63	51	
	MIN	68	71	67	72	67	42	36	34	46	56	64	69	65	63	66	55	45	44	48	46	43	41	37	48	52	47	54	42	36	37	30	
ELKTON	MAX	87	86	95	87	80	72	60	63	74	74	85	87	87	83	75	72	63	68	58	55	61	60	73	76	72	63	72	59	61	49	51	
	MIN	72	68	64	65	62	57	35	31	37	51	53	62	60	62	68	42	38	34	48	42	40	38	32	42	41	44	55	34	39	40	32	
EMMITSBURG	MAX	80	81	83	82	75	66	55	60	72	77	84	86	85	79	73	67	57	57	55	55	61	62	70	72	68	64	70	59	55	49	46	
	MIN	70	68	65	70	61	51	36	37	48	55	57	63	63	63	67	41	40	39	43	39	42	47	44	55	49	49	55	38	43	36	32	
FORT GEORGE G MEADE	MAX	88	83	89	93	85	79	59	65	77	82	87	89	91	85	77	75	63	66	57	56	63	64	73	77	73	64	72	60	63	56	52	
	MIN	65	58	65	65	58	33	28	45	46	62	60	59	57	59	65	37	32	30	45	37	36	35	30	38	39	44	54	31	36	36	28	
FREDERICK POLICE BRKS	MAX	84	84	86	89	84	72	61	61	76	80	87	88	89	85	81	79	59	59	57	56	63	63	70	73	71	66	72	62	58	53	48	
	MIN	69	69	64	68	65	58	35	31	49	49	54	62	63	62	64	42	42	35	39	39	39	45	43	53	43	45	45	37	41	37	33	
FREDERICK WB AIRPORT	MAX	83	78	84	88	78	62	56	62	75	81	88	90	89	83	75	60	56	56	55	62	63	65	62	73	72	64	70	62	57	48	47	
	MIN	69	64	62	67	61	50	33	29	45	49	51	58	58	58	52	41	36	33	37	34	32	34	39	45	40	45	48	34	40	36	32	
FROSTBURG	MAX	78	72	77	75	80	73	54	58	71	75	80	83	82	82	71	55	51	53	53	51	58	59	68	72	68	59	64	55	49	46	35	
	MIN	66	62	61	69	61	48	29	27	42	54	53	57	58	58	44	35	36	33	36	31	35	38	40	43	39	47	50	29	39	31	28	
GLENN DALE BELL STA	MAX	90	86	87	92	86	81	60	65	78	83	89	90	93	89	79	73	63	66	61	56	63	63	73	76	74	68	69	60	64	59	51	
	MIN	73	69	63	66	66	60	37	26	45	47	54	64	61	59	68	38	33	32	45	38	35	35	34	37	40	43	53	30	37	37	27	
GREENBELT	MAX	90	88	85	90	93	85	68	57	69	82	87	87	89	91	85	73	63	62	65	55	57	62	65	73	76	73	63	70	60	63	50	
	MIN	71	69	62	66	67	62	36	29	32	46	55	60	63	58	63	39	34	32	35	37	37	41	35	39	40	41	50	35	36	36	31	
HAGERSTOWN	MAX	83	79	83	83	78	64	55	60	74	78	86	87	89	80	72	60	59	58	56	53	63	62	72	75	69	62	70	58	51	50	41	
	MIN	67	66	67	67	58	51	30	28	45	51	55	60	60	60	52	38	35	35	37	32	31	34	37	45	45	53	36	42	37	28	28	
HANCOCK FRUIT LAB	MAX	88	85	88	87	84	79	62	57	64	79	81	89	90	88	83	71	61	58	60	55	54	60	63	74	76	71	68	72	60	56	47	
	MIN	62	65	62	64	58	55	27	25	34	45	47	54	50	55	57	35	32	30	33	25	28	31	31	34	35	41	48	30	38	37	26	
KEEDYSVILLE	MAX	87	76	85	86	82	66	60	63	77	82	88	91	91	85	77	71	63	60	61	60	66	68	75	77	73	62	72	62	56	51	50	
	MIN	68	68	62	67	63	55	33	29	49	47	51	63	60	65	54	38	35	37	39	29	30	37	34	37	38	46	49	36	43	38	31	
LA PLATA	MAX	91	86	90	96	88	76	62	65	77	83	88	90	92	86	75	67	65	64	56	58	62	65	72	75	74	71	70	60	62	55	50	
	MIN	73	70	67	70	70	61	38	29	48	51	58	64	63	63	66	44	40	43	45	37	41	42	32	38	41	46	56	36	39	36	27	
LAUREL 3 W	MAX	86	80	87	89	85	82	60	64	75	80	85	87	90	84	74	62	60	64	59	55	61	65	72	72	72	66	68	58	61	54	49	
	MIN	70	70	65	69	69	57	36	36	50	54	58	64	63	63	64	44	40	43	45	37	39	40	42	42	49	52	49	36	44	34	30	
LEONARDTOWN 4 5SW	MAX	88	86	88	91	86	80	61	65	78	82	87	87	89	83							66	70	76	70	64	73	61	63	58	52		
	MIN	72	68	68	65	67	61	41	32	54	57	60	65	64	61							46	36	47	41	42	41	35	39	43	49	36	
MIDDLE RIVER	MAX	85	82	85	90	81	69	58	61	71	75	80	81	83	81	74	75	61	65	57	54	61	60	72	76	66	63	72	61	61	50	49	
	MIN	70	70	65	69	66	56	39	39	50	54	58	60	61	66	69	44	40	40	49	40	40	40	38	46	45	45	38	42	39	32	28	
MILLINGTON	MAX	88	84	90	90	83	75	60	65	76	82	88	89	91	87	77	73	66	72	57	55	62	61	74	78	74	67	74	60	63	57	52	
	MIN	73	70	65	69	65	58	38	30	50	54	58	63	63	66	68	45	39	34	47	42	38	37	33	42	40	47	55	37	40	52	33	
NATIONAL ARBORETUM D C	MAX	89	85	90	94	89	81	58	66	78	81	88	90	91	89	80	76	63	65	63	58	62	65	72	75	73	70	68	61	62	57	50	
	MIN	74	73	68	72	71	55	38	33	53	54	59	68	67	65	56	44	41	37	47	40	41	45	42	45	43	47	56	40	45	37	33	
OAKLAND 1 SE	MAX	78	72	70	76	80	73	50	61	68	74	78	79	80	81	71	50	52	52	51	50	57	57	71	70	73	60	58	56	48	42	31	
	MIN	63	58	60	62	63	47	28	31	43	49	48	52	50	50	43	38	35	31	30	21	26	33	29	31	28	37	40	41	29	25	20	
OCEAN CITY	MAX	83	86	87	93	81	78	58	64	75	77	78	78	80	76	75	68	66	66	68	58	62	61	69	75	65	71	77	60	64	60	59	
	MIN	73	74	72	73	70	55	48	46	62	63	70	69	70	68	61	53	49	43	53	48	47	45	44	54	56	59	60	46	54	44	40	
OWINGS FERRY LANDING	MAX	90	86	90	96	84	77	60	64	76	83	86	88	90	83	75	68	65	65	57	59	63	65	72	77	72	72	60	64	55	52		
	MIN	73	70	69	71	70	59	39	32	51	56	62	66	65	65	67	45	41	37	47	38	42	43	39	45	44	51	38	46	35	32		
OXFORD	MAX	83	82	84	89	85	74	63	65	74	78	82	84	85	82	74	75	67	60	58	61	60	71	74	70	68	69	60	60	58	56		
	MIN	71	70	69	72	61	54	42	38	51	48	53	64	66	67	61	48	43	50	49	44	45	48	41	53	50	53	56	45	44	40	39	
PARKTON 2 SW	MAX	81	8																														

DAILY TEMPERATURES

MARYLAND AND DELAWARE  
OCTOBER 1954

Table 5 - Continued

Table with columns for Station, Day Of Month (1-31), and Average. Rows include various locations such as SALISBURY CAA AIRPORT, SANDY POINT, SAVAGE RIVER DAM, etc.

See page 136 for Table 6 and Table 7

See Reference Notes Following Station Index

# STATION INDEX

MARYLAND AND DELAWARE  
OCTOBER 1954

MARYLAND										DELAWARE											
Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
1-CHEESAPEAKE; 2-COASTAL; 3-PATUXENT; 4-PATUXENT; 5-POTOMAC; 6-SUSQUEHANNA; 7-TOWNEGROVE																					
REFERENCE NOTES																					
<p>The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.</p> <p>Figures and letters following the station name, such as 12 SW, indicate distance in miles and direction from the post office.</p> <p>Observation times given in the Station Index are in local standard time.</p> <p>Delayed data and corrections will be carried only in the June and December issues of this bulletin.</p> <p>Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.</p> <p>Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.</p> <p>Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.</p> <p>Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.</p> <p>Sleet and hail were included in snowfall averaged in Table 1, beginning with July 1948.</p> <p>Amounts in Table 3 are from non-recording gauges, unless otherwise indicated.</p> <p>Data in Tables 3, 5 and 6 and snowfall in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.</p> <p>Snow on ground in Table 7 is at observation time for all except Weather Bureau and C&amp;A stations. For these stations snow on ground values are at 7:30 A.M. E.S.T. W.E. EQUITY in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the records.</p> <p>- No record in Tables 3, 5, 6, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.</p> <p>+ And also on a later date or date.</p> <p>* Amount included in following measurement, time distribution unknown.</p> <p>o Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.</p> <p>// Gauge is equipped with a windshield.</p> <p>2 Adjusted to a full month.</p> <p>c In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in Monthly Precipitation Data.</p> <p>2 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of snow snowfall.</p> <p>2 One or more days of record listed see Table 5 for details and recording. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.</p> <p>2 Amounts from recording page (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Monthly Precipitation Data).</p> <p>2 Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.</p> <p>2 Trace, no amount too small to measure.</p> <p>2 Includes total for previous month.</p>																					
<p>Subscription Price: 30 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.</p>																					