

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
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CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JUNE 1956
Volume LX No. 6



ASHEVILLE: 1956

MARYLAND AND DELAWARE - JUNE 1956

WEATHER SUMMARY

GENERAL

An unusually early hot spell from the 13th to the 17th was the outstanding feature of this month's weather. However, average temperatures were below the 25-year mean at about two-thirds of the stations for which these comparative data are available. Most of the departures were very small and none were as great as 2°. Cool periods the 2nd-5th and 18th-20th just about balanced the hot period. Extreme temperatures ranged from 36° at Oakland 1 SE on the 5th to 100° at Baltimore WB City and Keedysville on the 13th.

Precipitation totals averaged quite close to the 25-year mean over each State but departures at individual stations were predominantly negative by a ratio of 22 to 16 for the two States combined. Rainfall distribution was relatively uniform east of Chesapeake Bay but varied considerably to the west with monthly totals ranging from 1.47 inches at Keedysville to 7.10 inches at Merrill, both in western Maryland.

Thunderstorms assumed destructive roles on the 1st, 10th and 18th over relatively small areas.

WEATHER DETAILS

Colder air invaded western Maryland early on the 1st and spread slowly eastward with showers, thunderstorms, strong winds, and some hail associated with the passage of the leading edge of the colder air mass. Cloudy weather persisted in the colder air and a Low that developed over South Carolina during the night of the 1st moved northeastward along the coast causing rain over the Middle Atlantic States on the 2nd. A clearing trend, starting on the 3rd, set the stage for rather low early morning temperatures the 4th and 5th. A warming trend appeared in daytime temperatures the 4th and fair weather with moderate temperatures prevailed through the 8th. Cooler weather entered the area via northeastern Delaware early on the 9th and spread westward accompanied by cloudiness, easterly winds, and some drizzle the 9th and 10th. Scattered rain showers the evening of the 10th and morning of the 11th marked the beginning of a warming trend that was gradual through the 12th. Temperatures soared on the 13th to begin a 5-day period of very hot weather. More than 90% of the stations recorded the peak temperature for the month the 13th or 14th. Thunderstorms brought a moderate rainfall to the western portions of Maryland on the evening of the 14th, and to the Georgetown area in Delaware on the 15th.

The reading of 100 degrees in Baltimore on the 13th was the second such occurrence so early in summer since 1871. Also, comparative data for Baltimore indicated that the duration of this hot spell was exceptionally long. Temperatures reached 92° or higher on five consecutive days, the 13th through the 17th, which was the first time since 1946 and the fourth since 1871 that temperatures of 92° or higher were recorded on five consecutive days or more this early in the summer at Baltimore.

Late on the 17th cooler air moved southward over the Maryland-Delaware area to the accompaniment of scattered thunderstorms and rain showers. Easterly winds, scattered light rain showers, and a few thunderstorms were the principal weather features on the 18th. Cool weather continued through the 20th. Cloudy skies and light rains

over most of Maryland on the 21st were associated with a warm frontal system, and light southerly to westerly winds brought warm air from the deep South over the area on the 22nd and 23rd. Severe thunderstorms struck western Maryland late on the 23rd and passed eastward over the area. Winds up to 57 miles per hour were reported from Friendship International Airport. Thunderstorms occurred again on the evening of the 24th and a cold front passing southeastward over the area on the afternoon of the 25th caused widely scattered showers. Mild temperatures plus a few thunderstorms and rain showers in scattered localities made up a typical late June weather picture the 26th-28th, and clear, cool weather on the 29th was followed by rising temperatures on the 30th.

WEATHER EFFECTS

Light rainfall from the 2nd to 17th resulted in dry soil conditions in some parts of central and southern Maryland. Generous rains in most sections on the 17th-18th and 21st-23rd benefited all growing crops but slowed haying, cultivating, spraying activities, and harvesting of grains. Newly planted tobacco fields were especially benefited by the rains in the northern part of the tobacco belt. At the end of the month, warm weather and adequate soil moisture in most parts of the two-state area were favoring rapid growth of all crops. Conditions were also favorable for the increase in insects and crop diseases, especially in corn, soybeans, potatoes, and vine vegetables.

DESTRUCTIVE STORMS

1st: Wind and hail were destructive features of thunderstorms in Sussex County, Delaware, during the afternoon. Affected areas were just west of Bridgeville and in the vicinity of Milford. Hailstones as large as pigeon eggs ripped crops and foliage, damaged automobile tops, broke greenhouse glass, and ruined a few fields of wheat and rye. Large tree limbs were broken by wind and blocked some roads in the Milford area.

1st: Residents of Rehoboth Beach, Sussex County, Delaware, reported a tornado cloud over the ocean shortly before 4 p.m. that appeared to move in an easterly direction.

10th: A severe electrical storm over Delaware near midnight of the 10th-11th caused considerable damage. Heavy rains flooded streets and lightning strikes caused varying amounts of property damage in Kent County, the most severe of which was the destruction of a large barn by a fire started by lightning.

18th: An intense thunderstorm in the Hancock area of Washington County (Maryland) brought 2.73 inches of rain, and hail that damaged several orchards.

FLOODS

None were reported other than local street flooding due to thunderstorm rains.

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Baltimore, Maryland

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CLIMATOLOGICAL DATA

TABLE 2

MARYLAND AND DELAWARE
JUNE 1956

Station	Temperature												Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										30° or Above	32° or Below	32° or Below	30° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
																								Max.
MARYLAND																								
ABERDEEN PHILLIPS FLD	81.5	61.5	71.5	-.1	96	13	51	20	14	6	0	0	0	3.25	-.08	1.03	2	.0	0	0	7	2	1	
ANNAPOLIS U S N ACADEMY	80.2	65.4	72.8	-.4	95	13	53	3	11	3	0	0	0	3.69	.11	2.01	2	.0	0	0	6	1	1	
ANNAPOLIS 2 WNW	83.0	59.3	71.2	-	96	13+	49	4+	17	10	0	0	0	5.10	-	2.05	2	.0	0	0	10	2	2	
BALTIMORE SLEDDS PT	84.7	62.9	73.8	-	99	13+	52	3	7	11	0	0	0	3.88	-	1.54	2	.0	0	0	6	3	1	
BALTIMORE WB AIRPORT	R	82.4	61.4	71.9	-.3	97	13	51	5	18	10	0	0	2.11	-1.41	.94	2	.0	0	0	5	1	0	
BALTIMORE WB CITY	R	84.6	67.2	75.9	1.6	100	13	58	2+	4	9	0	0	4.83	1.21	1.07	2	.0	0	0	9	5	2	
BALTIMORE PARKVILLE		83.7	60.9	72.3	-	97	13	52	3+	15	9	0	0	3.74	-	1.65	2	.0	0	0	8	2	1	
BELTSVILLE	AM	83.0	57.5	70.3	-	96	14+	46	4+	31	9	0	0	4.67	-	1.92	16	.0	0	0	7	4	1	
BELTSVILLE PLANT STA 1	AM	83.1	58.4	70.8	-	96	15	46	4+	29	11	0	0	2.56	-	.64	28	.0	0	0	6	2	0	
BELTSVILLE PLANT STA 2	AM	83.0	57.5	70.3	-	95	14+	45	5	30	10	0	0	2.63	-	.87	28	.0	0	0	5	1	0	
BELTSVILLE PLANT STA 3	AM	83.4	59.4	71.4	-	95	14+	47	4	24	11	0	0	3.30	-	.96	28	.0	0	0	7	3	0	
BELTSVILLE PLANT STA 4	AM	83.8	60.5	72.2	-	97	15	49	4	26	12	0	0	3.15	-	.89	28	.0	0	0	7	3	0	
BELTSVILLE PLANT STA 5	AM	83.8	57.8	70.8	-	96	14+	46	4+	28	12	0	0	2.38	-	.71	3	.0	0	0	5	2	0	
BELTSVILLE PLANT STA 6	AM	84.3	59.8	72.1	-	98	15	49	4+	22	12	0	0	2.47	-	.70	28	.0	0	0	6	2	0	
BENSON POLICE BARRACKS		82.3	59.2	70.8	-	94	13	47	20	22	7	0	0	5.01	-	1.53	2	.0	0	0	8	4	2	
BENTLEY SPRINGS 1 WNW		81.3	57.2	69.3	-	94	13	45	5	31	4	0	0	3.46	-	1.15	24	.0	0	0	7	3	1	
BETHESDA NAT INST HLTH		83.9	59.6	71.8	-	97	13	48	4	23	10	0	0	1.74	-	.90	2	.0	0	0	8	2	0	
BITTINGER 2 NW		73.7	52.6	63.2	-	85	13	38	4	102	0	0	0	6.76	-	1.60	18	.0	0	0	13	4	1	
BLACKWATER REFUGE		81.3	61.0	71.2	-	92	14+	46	20	28	2	0	0	3.35	-	.95	2	.0	0	0	7	1	0	
BOYDS 2 NW		82.5	59.3	70.9	-	94	13	48	3	20	7	0	0	2.06	-	.80	24	.0	0	0	4	2	0	
CAMBRIDGE 4 W		82.9	61.3	72.1	-	95	14	46	20	15	8	0	0	3.83	.15	1.13	2	.0	0	0	5	4	1	
CENTREVILLE		84.5	58.8	71.7	-	95	13+	43	20	22	11	0	0	2.86	-	1.20	2	.0	0	0	5	1	1	
CHARLOTTE HALL 2 ESE		81.9	59.0	70.5	-	92	14	48	4	26	5	0	0	4.98	-	2.08	2	.0	0	0	7	3	2	
CHELLENHAM 1 NW	AM	83.3	59.3	71.3	-.8	95	14+	49	4+	23	11	0	0	4.21	.59	1.20	2	.0	0	0	9	3	2	
CHESTERTOWN		83.3	61.9	72.6	-	97	14	51	20	13	10	0	0	4.37	-	1.12	2	.0	0	0	9	3	2	
CHEWSVILLE BRIDGEPORT		83.8	58.3	71.1	1.0	96	13	47	4	22	6	0	0	1.57	-1.94	.36	22	.0	0	0	7	0	0	
CLEAR SPRING		83.3	59.7	71.5	-	97	13	46	4	35	7	0	0	3.04	-	.71	18	.0	0	0	8	2	0	
COLEMAN 3 WNW		83.8	62.3	73.1	.1	94	13+	48	20	8	9	0	0	3.28	-.39	1.03	2	.0	0	0	7	2	1	
COLLEGE PARK		85.9	59.5	72.7	.0	97	13	48	4+	14	13	0	0	2.51	-1.44	.91	2	.0	0	0	8	1	0	
CONOWINGO DAM		81.8	59.3	70.6	-	95	13+	48	20	21	6	0	0	3.55	-	1.41	2	.0	0	0	8	2	1	
CONOWINGO POLICE BRKS		84.5	59.2	71.9	-	95	13+	46	20	15	12	0	0	4.28	-	1.40	2	.0	0	0	8	3	1	
CRISFIELD		82.4	66.2	74.3	-1.1	92	26	57	3+	1	6	0	0	3.22	-.25	1.05	27	.0	0	0	5	3	1	
CUMBERLAND		82.0	57.1	69.6	-	95	13	45	4+	35	4	0	0	6.47	-	1.40	19	.0	0	0	9	6	2	
CUMBERLAND POLICE BRKS		84.7	55.8	70.3	-	96	14	42	4	35	10	0	0	4.42	-	1.10	21	.0	0	0	9	4	1	
DENTON		85.0	60.6	72.8	-	97	14	43	20	15	11	0	0	3.61	-	1.08	2	.0	0	0	6	3	1	
DISTRICT HEIGHTS																								
DUNDALK		83.6	63.5	73.6	-	95	13+	53	3	8	8	0	0	3.04	-	1.72	2	.0	0	0	6	1	1	
EASTON		84.4	62.9	73.7	-	96	14	50	20	10	11	0	0	2.82	-	.84	2	.0	0	0	5	3	0	
EASTON POLICE BRKS		83.8	61.3	72.6	-.4	96	15	44	5	15	9	0	0	3.29	-.19	.91	2	.0	0	0	7	2	0	
ELKTON		83.5	59.5	71.5	.3	97	13	49	5	12	8	0	0	5.99	-1.86	1.52	16	.0	0	0	8	4	2	
EMMITTSBURG 2 SE		83.2	57.7	70.5	-	95	13	45	5	27	5	0	0	2.17	-	.81	18	.0	0	0	6	1	0	
FORT GEORGE G MEADE		84.1	57.7	70.9	-	97	14	46	5	21	10	0	0	2.83	-	.92	2	.0	0	0	7	1	0	
FREDERICK POLICE BRKS		85.0	59.2	72.1	-	96	13+	48	4	22	11	0	0	3.75	-	1.97	24	.0	0	0	5	2	2	
FREDERICK WB AIRPORT	R	82.3	59.2	70.8	-1.8	96	13	49	5	24	7	0	0	2.68	-1.28	1.70	23	.0	0	0	4	1	1	
FROSTBURG		78.4	54.6	66.5	-1.5	91	13	42	3+	68	1	0	0	4.68	-.14	.78	27	.0	0	0	10	3	0	
GLENN DALE BELL STA		85.1	58.4	71.8	-.3	96	13+	47	4+	20	12	0	0	3.44	-.61	1.02	2	.0	0	0	8	2	1	
GREENBELT	AM	82.7	58.4	70.6	-	95	14+	47	5	32	10	0	0	2.88	-	.77	3	.0	0	0	8	2	0	
HAGERSTOWN		83.6	58.5	71.1	-	95	13	46	4	26	5	0	0	1.66	-	.36	2	.0	0	0	7	0	0	
HANCOCK FRUIT LAB	AM	82.5	56.0	69.3	-	95	14	44	5	36	10	0	0	5.33	-1.64	2.73	18	.0	0	0	8	2	2	
KEDDYVILLE		86.3	57.0	71.7	-.3	100	13	44	4	18	13	0	0	1.47	-1.98	.43	2	.0	0	0	4	0	0	
LA PLATA		84.8	58.4	71.6	-	96	14	47	4+	20	11	0	0	2.51	-1.47	1.30	2	.0	0	0	5	1	1	
LAUREL 3 W		85.3	61.6	73.5	-	98	13	51	3	15	12	0	0	3.17	-	1.26	3	.0	0	0	11	1	0	
LEONARDTOWN 4 SSW		85.4	61.9	73.7	-	99	15	52	5	8	13	0	0	2.04	-	1.25	2	.0	0	0	3	1	1	
MIDDLE RIVER		81.5	61.4	71.5	-	96	13	53	3+	12	3	0	0	2.83	-	1.60	2	.0	0	0	7	1	1	
MILLINGTON		83.6M	60.6	72.1M	-.2	97	14	43	20	17	7	0	0	1.99	-1.37	.75	2	.0	0	0	4	2	0	
NEW GERMANY		78.2M	54.4M	66.3M	-	85	13+			47	0	0	0	4.84	-	1.69	14	.0	0	0	12	2	1	
OAKLAND 1 SE		75.6	51.1	63.4	-1.7	86	14	36	5	101	0	0	0	6.11	1.26	.90	14	.0	0	0	14	8	0	
OCEAN CITY																								
OWINGS FERRY LANDING		83.7	61.8	72.8	-.2	96	14+	52	3+	15	10	0	0	3.71	.36	1.94	2	.0	0	0	7	2	1	
PARKTON 2 SW		80.2	58.1	69.2	-	94	13	47	5	36	5	0	0	1.90	-	.68	2	.0	0	0	4	2	0	
PICARDY		80.7	56.7	68.7	-	93	13	44	4	43	2	0	0	5.78	2.07	1.66	18	.0	0	0	11	3		

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JUNE 1956

TABLE 2 - CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										31° or Above	32° or Below	32° or Below	31° or Below					Total	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TONOLOWAY	83.3	56.7	70.0	.0	95	14	44	5	28	5	0	0	0	4.11	.21	.71	18	.0	0		10	3	0	
TOWSON	84.0	60.4	72.2		96	14	50	5	14	10	0	0	0	3.85	.11	1.31	2	.0	0		7	3	1	
UNIONVILLE	83.2	56.9	70.1		95	14	46	5	23	8	0	0	0	4.23		1.98	24	.0	0		5	9	2	
VIENNA	84.4	62.2	73.3		96	14	51	20	4	10	0	0	0	3.72		.97	18	.0	0		7	4	0	
VIERS MILL	85.7M	59.5M	72.6M		95	14	48	4	16	14	0	0	0	2.42		.92	2	.0	0		8	1	0	
WALDORF POLICE BRKS	86.2	60.0	73.1		95	13+	49	4+	13	13	0	0	0	2.69		1.10	2	.0	0		5	2	1	
WATERLOO POLICE BRKS	85.2	58.7	72.0		96	13+	48	5+	20	13	0	0	0	2.76		1.21	1	.0	0		8	1	1	
WESTERN PORT	82.8	55.9	69.4	1.0	97	13	43	4	40	6	0	0	0	3.68		.80	13	.0	0		10	1	0	
WESTMINSTER	81.6	58.1	69.9	.9	95	13	48	5	31	6	0	0	0	4.17	.07	.73	24	.0	0		5	5	0	
WOODSTOCK	83.4	57.7	70.6	.5	95	17	46	5	21	9	0	0	0	4.32	.53	.88	24	.0	0		9	4	0	
DISTRICT OF COLUMBIA																								
DALECARLIA RESERVOIR DC	84.7	61.0	72.9		95	13+	50	4	13	10	0	0	0	3.24		1.28	23	.0	0		7	2	1	
NATIONAL ARBORETUM D C	86.5	61.8	74.2		98	14	50	4	9	14	0	0	0	3.42		.92	2	.0	0		7	3	0	
U S SOLDIERS HOME D C	83.0	62.1	72.6		95	14+	50	3	19	8	0	0	0	4.86		1.90	2	.0	0		7	2	2	
WASHINGTON WB CITY DC	84.3	64.2	74.3	.4	97	13+	52	3	13	12	0	0	0	3.80	.39	1.74	22	.0	0		7	2	1	
AVERAGE			71.4	.5										3.59	.40			.0						
DELAWARE																								
BRIDGEVILLE 1 NW	83.6	60.4	72.0	.1	98	14	45	20+	18	10	0	0	0	4.13	.71	1.58	2	.0	0		8	4	1	
DOVER	85.0	61.7	73.4	.5	96	14	46	20	7	11	0	0	0	3.56	.05	.80	24	.0	0		8	3	0	
GEORGETOWN 5 SW	83.9	60.6	72.3		97	14	43	20	15	8	0	0	0	4.76		1.08	2	.0	0		9	4	1	
LEWES	80.7	61.7	71.2		97	13+	46	20	19	8	0	0	0	4.46		1.70	2	.0	0		8	2	1	
MIDDLETOWN 2 S	84.5	61.1	72.8		95	13+	44	20	17	12	0	0	0	3.11		1.40	11	.0	0		7	1	1	
MILFORD	83.3M	60.5M	71.9M		96	14	44	20	12	9	0	0	0	4.74		1.75	1	.0	0		7	3	1	
NEWARK COLLEGE FARM	82.9	59.4	71.2		95	14	45	20	17	8	0	0	0	4.99		1.02	16	.0	0		10	5	1	
SELBYVILLE	82.7	61.5	72.1		95	14+	46	20	16	9	0	0	0	3.86		1.47	2	.0	0		9	2	1	
WILMINGTON NEWCSL WB AP	82.3	61.0	71.7	.1	95	13+	48	20	13	6	0	0	0	3.58	.44	.78	16	.0	0		9	3	0	
WILMINGTON PORTER RESVR	80.9	61.4	71.2		94	14+	48	20	19	3	0	0	0	3.28	.74	1.13	10	.0	0		8	2	1	
AVERAGE			72.0	.4										4.05	.27			.0						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages -1 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 fastest mile	1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
ABERDEEN PHILLIPS FIELD, MD.	-	-	-	-	-	-	84	75	58	69	4	3	5	1	1	0	14	-	-
ANNAPOLIS USN ACADEMY, MD.	-	-	-	37††	NW	23	90	81	66	66	5	5	5	0	0	1	16	-	-
BALTIMORE WB AIRPORT, MD.	WNW	10	7.8	40	W	23+	83	76	56	64	5	5	4	1	0	0	15	61	5.4
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	1	2	3	0	1	0	7	-	-
WASHINGTON WB CITY	WNW†	11†	5.9	31	NW	22	79†	72†	54†	60†	3	5	5	1	1	0	15	69†	5.5†
WILMINGTON WB AIRPORT, DEL.	NW	11	6.7	-	-	-	86	75	53	68	3	3	6	3	0	0	15	-	5.5

† Airport Data
†† Peak Gust

MONTHLY AND SEASONAL SNOWFALL

Season of 1955 - 1956

MARYLAND AND DELAWARE

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
MARYLAND													
ABERDEEN PHILLIPS FLD					1.0	T	4.8	.1	7.6	.1			13.6
ANNAPOLIS U S N ACADEMY					1.0	T	3.5	T	4.0				8.5
ANNAPOLIS 2 NW					1.5	T	5.5	T	4.5				11.5
BALTIMORE SLEDDS PT					T								
BALTIMORE WB AIRPORT					2.0	.5	7.4	.4	7.8				18.1
BALTIMORE WB CITY	-				-	-	-	-	-	-			-
BALTIMORE PARKVILLE					3.8	T	8.5	1.0	-	T			-
BELTSVILLE					2.0	.5	6.5	T	7.9				16.9
BELTSVILLE PLANT STA 1					3.5	2.0	7.0	T	7.0				19.5
BELTSVILLE PLANT STA 2					3.5	2.0	7.0	T	7.0				19.5
BELTSVILLE PLANT STA 3					3.5	2.0	7.0	T	7.0				19.5
BELTSVILLE PLANT STA 4					3.8	2.0	7.0	T	7.0				19.5
BELTSVILLE PLANT STA 5					3.8	1.8	7.0	T	3.0				16.5
BELTSVILLE PLANT STA 6					3.8	1.0	7.0	T	4.0				15.5
BENSON POLICE BARRACKS					2.8	T	-	-	11.0				-
BENTLEY SPRINGS 1 WNW					2.0	2.5	6.8	2.5	17.5	T			31.3
BETHESDA NAT INST HLTH													
BITTINGER 2 N W					10.3	9.8	21.2	4.1	21.9	6.6	T		79.9
BLACKWATER REFUGE					-	-	3.0	-	.8				-
BOYDS 2 NW					3.0	1.0	6.5	-	4.5	T			-
BRIGHTON DAM					-	T	-	T	-	-			-
BRIGHTWOOD DC	-				-	-	-	-	-	-			-
BROOKDALE					2.0	.5	7.5	.5	6.5	T			16.8
BURNT HILLS RESERVOIR					2.2	-	7.5	.3	-	-			-
CAMBRIDGE 4 W					1.5	T	1.5		.5				3.5
CENTREVILLE					2.0	.7	-	T	3.3	T			-
CHARLOTTE HALL 2 ESE					T	T	4.5	T	.3				4.8
CHELSTENHAM 1 NW					2.2	T	2.2	-	-				-
CHESTERTOWN					1.3	T	7.0	T	11.5	T			19.8
CHEWSVILLE BRIDGEPORT					2.8	.8	8.0	4.8	10.5	.8			27.7
CLEAR SPRING					-	-	7.5	7.0	18.0	.2			-
COLEMAN 3 WNW					T	-	-	T	8.0	T			-
COLLEGE PARK					1.5	.5	4.9	T	4.0				10.9
CONOWINGO DAM					1.0	1.0	7.0	T	7.1	T			16.1
CONOWINGO POLICE BRKS					2.0	1.0	-	.8	10.5	T			-
CRISFIELD					T	-	T	-	T	T			T
CUMBERLAND					11.1	1.0	7.5	3.6	12.1	2.5			37.6
CUMBERLAND POLICE BRKS					12.0	T	-	-	7.6	T			-
DALECARLIA RESERVOIR DC					2.5	-	-	-	-	-			-
DENTON					T	T	3.9	T	1.7	.5			8.1
DISTRICT HEIGHTS	T				3.2	.5	9.2	.2	7.1				20.3
DUNDALK					2.0	T	8.0	T	9.7	T			19.7
EASTON					T	-	-	T	T	T			-
EASTON POLICE BRKS					.5	-	-	T	1.4				-
EDGEWONT					-	2.0	9.0	3.0	10.0				-
ELKTON					3.5	-	10.6	T	14.0				-
EMMITSBURG					2.5	-	-	-	6.0				-
EMMITSBURG 2 SE	-				-	-	-	-	-				-
FORT GEORGE G MEADE					2.0	T	3.8	T	4.0				9.8
FREDERICK POLICE BRKS					2.0	.5	-	2.8	8.0				-
FREDERICK WB AIRPORT					4.0	.5	9.2	2.0	8.3				24.0
FREDERICK 3 E					2.5	T	9.5	1.0	-	T			-
FROSTBURG					10.9	1.0	11.1	3.2	14.0	3.5			43.7
GLENN DALE BELL STA					3.5	.2	8.5	.5	7.0	T			19.7
GREENBELT					4.0	.6	8.5	.1	7.1				18.3
HAGERSTOWN					2.5	.5	6.5	4.0	9.0	1.0			23.5
HANCOCK FRUIT LAB					4.5	1.0	6.3	3.5	12.5	1.0			28.8
KEEDYSVILLE	T				3.5	.8	9.6	4.5	10.5	.5			29.4
LA PLATA					.8	.1	4.0	T	.4				5.3
LAUREL 3 W					1.0	-	10.8	T	-				-
LEONARDTOWN 4 SSW					T	T	1.5	T	T	T			1.5
LOCH RAVEN DAM					2.0	-	-	T	-	T			-
LUKE					10.0	T	8.0	-	-	1.0			-
MERRILL					-	-	-	-	-	-			-
MIDDLE RIVER	T				.8	T	7.0	T	7.0				14.5
MILLINGTON					1.0	T	4.0	T	10.0	-			-
NATIONAL ARBORETUM D C					2.0	T	-	T	-				-
NEW GERMANY					17.5	13.7	15.5	2.7	23.5	12.0			84.9
OAKLAND 1 SE	T				19.0	8.0	12.7	3.0	25.8	10.1			78.7
OCEAN CITY									T	T			T
OWINGS FERRY LANDING					1.5	T	3.5	T	T				5.0
PARKTON 2 SW					2.0	1.2	10.5	4.0	14.0	T			31.7
PICARDY					-	-	13.5	-	-	-			-
PIKESVILLE POL BRKS					2.0	.5	-	2.0	7.6				.5
POGOMOKE CITY 4 SW					-	-	.5	-	-	-			-
PRESTON 1 S					1.7	.5	4.0	T	2.3	2.0			10.5
PRINCE FREDERICK							3.9						3.9
PRINCESS ANNE 1 E					.3	T	1.4		T	.3			2.0
RANDALLSTOWN POL BRKS					2.0	.5	-	2.0	7.9	T			-
ROCK HALL 3 N					-	T	5.5	T	7.5				-
ROCKVILLE					2.5	-	-	-	2.7				-
ROYAL OAK					.5	T	2.3	T	.5	T			3.3
SALISBURY					T	T	T		T	T			T
SALISBURY POLICE BRKS					-	-	.3	-	-	-			-
SALISBURY CAA AIRPORT					T	T	T	T	T	T			T
SANDY POINT					-	-	-	-	-	.7			-
SAVAGE RIVER DAM					T	11.9	-	13.6	2.0	11.0	2.0		-
SHALLMAR					-	-	6.0	-	-	-			-
SINES DEEP CREEK					-	-	16.0	2.5	18.0	T			-
SNOW HILL					T	T	1.3	T	T	T			1.3
SOLOMONS					T	T	.5	T	T	T			.5
STEVENSVILLE 1 W					-	-	-	-	-	1.5			-
TAKOMA PARK MISS AVE					3.5	.8	8.2	.4	6.4	T			19.3
TONOLOWAY					4.5	1.5	5.0	-	2.5	-			-
TOWSON					-	-	-	T	-	-			-

MONTHLY AND SEASONAL SNOWFALL

Continued

Season of 1955 - 1956

MARYLAND AND DELAWARE

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
UNIONVILLE					1.8	1.0	7.9	1.9	7.8	T			20.4
U S SOLDIERS HOME D C					T	-	-	T	T	T			-
VIENNA					-	-	T	-	T	-			-
VIERS MILL					3.0	T	3.1	-	-	-			-
WALDORF POLICE BRKS					.5	-	-	T	4.3	-			-
WASHINGTON WB CITY DC					2.5	.3	4.4	T	3.3	-			10.5
WATERLOO POLICE BRKS					2.0	.5	-	1.5	7.6	-			-
WESTERN PORT					-	.5	-	-	3.0	-			-
WESTMINSTER					1.0	1.0	8.0	5.5	9.0	T			24.5
WILLIAMSPORT					-	-	6.8	3.5	10.7	T			21.0
WOODSTOCK					2.3	.2	7.2	1.7	8.2	T			19.6
DELAWARE													
BRIDGEVILLE 1 NW					1.5	T	3.0	T	1.5	1.0			7.0
DOVER					.5	T	5.0	T	8.0	T			13.5
GEORGETOWN S SW					1.0	-	2.6	T	1.0	.5			3.1
LEWES					1.0	-	6.5	T	.2	1.9			-
MIDDLETOWN 2 S					.3	T	4.5	-	5.5	T			10.3
MILFORD					-	T	-	-	-	-			-
NEWARK COLLEGE FARM					-	-	7.6	1.0	11.0	-			-
SELBYVILLE					.6	T	-	T	T	1.0			-
WILMGTN NCASTLE WB AP					4.3	.9	8.7	1.1	12.3	T			27.3
WILMINGTON CITY HALL					1.5	T	7.5	T	8.5	T			17.5
WILMINGTON PORTER RESVR					4.0	1.3	9.3	T	9.5	-			24.1

BEGINNING WITH JANUARY 1, 1956, HAIL WAS EXCLUDED FROM THE SNOWFALL TABLES.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Continued

Season of 1955 - 1956

MARYLAND AND DELAWARE

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
DELAWARE														
BRIDGEVILLE 1 NW	0	0	38	215	593	1008	994	710	716	414	151	18	4857	
DOVER	0	0	18	170	559	1002	978	702	697	412	122	7	4667	
GEORGETOWN 5 SW	0	0	32	207	567	997	984	691	688	419	153	15	4752	
LEWES	0	0	27	206	559	996	1005	715	729	455	187	19	4898	
MIDDLETOWN 2 S	0	0		221	614	1057	1036	737	739	449	144	17		
MILFORD	0	0	39	217	609	1065	999	726	688	410	132	12	4897	
NEWARK COLLEGE FARM	0	0	51	229	663	1092	1050	798	789	485	180	17	5354	
SELBYVILLE	0	0	33	212	554	975	951	676	677	436	177	16	4707	
WILMGTN NCASTLE WB AP	0	0	45	226	645	1081	1021	760	810	456	199	13	5286	4910
WILMINGTON PORTER RESVR	0	0	52	227	659	1095	1044	811	831	488	216	19	5442	

DEGREE DAY NORMALS IN THIS TABLE ARE DERIVED FROM THE PERIOD 1921-1950.

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
DELAYED DATA

TABLE 2

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.							Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										32° or Above	32° or Below	32° or Below	1" or Below	1" or Below										
MARYLAND																								
NOVEMBER 1955																								
NEW GERMANY	45.3	23.9	34.6		74	13	1	29	903	0	8	24	0	3.24		.73	16	17.5	7	11+	10	1	0	
DECEMBER 1955																								
NEW GERMANY	33.5	10.2	21.9		61	4	-10	27	1331	0	14	28	7	1.26		.41	4	13.7	8	16	5	0	0	
JANUARY 1956																								
NEW GERMANY	32.5	15.7	24.1		48	1+	-9	28	1260	0	17	31	1	3.30		.74	29	15.5	13	20	8	3	0	
DELAWARE																								
MARCH 1956																								
MIDDLETOWN 2 S	51.5	31.3	41.4		67	5+	15	20	739	0	1	19	0	4.25		1.41	14	5.5	5	18+	11	3	1	
APRIL 1956																								
MIDDLETOWN 2 S	62.8	38.9	50.9		85	28+	25	1	449	0	0	5	0	2.74				T	0				0	

DAILY PRECIPITATION

Table 3

Station	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																																	
NOVEMBER 1955																																	
NEW GERMANY			.10				.01			.21	.42			.23	.02	.73	.30			.30	.30						T		.02	.20	.40		3.24
DECEMBER 1955																																	
NEW GERMANY		.10		.41	T				.21	.10	T	.02	T		T	.22	T			.06	T										.08	.06	1.26
JANUARY 1956																																	
NEW GERMANY			.01				.01	T	T	.63	.32	.12				.28	.03			.36	.16					.03			.74	.59	.02	3.30	
DELAWARE																																	
MARCH 1956																																	
MIDDLETOWN 2 S		.18	.04		T	.09	.55			.18	.10	.30	1.41		.61	.12	.11	.20							.03			T	.30	.03		4.25	
APRIL 1956																																	
MIDDLETOWN 2 S		.02	.18	.10	*	.82	.49	.02							.14	.37	.06							.03	.14	.25		.02		.10		2.74	

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DELAYED DATA

Table 5

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		
NOVEMBER 1955																																	
NEW GERMANY	MAX	68	60	52	28	41	58	53	27	23	30	48	59	74	66	57	68	60	31	37	24	37	44	56	54	40	36	45	41	16	26	45.3	
	MIN	23	40	28	22	24	18	14	12	17	16	27	36	41	43	35	49	22	20	19	20	22	27	30	25	40	23	18	12	1	12	23.9	
DECEMBER 1955																																	
NEW GERMANY	MAX	26	43	58	61	44	33	35	42	30	24	20	27	25	40	25	20	33	38	34	17	18	33	32	48	57	36	19	40	36	24	21	33.5
	MIN	12	16	14	40	22	20	12	20	18	14	12	8	-3	12	5	3	5	6	-3	-3	-4	-2	8	30	34	5	-10	-4	6	13	10	10.2
JANUARY 1956																																	
NEW GERMANY	MAX	48	36	48	42	42	48	26	27	29	43	31	31	22	26	30	28	24	34	30	28	24	38	27	18	17	21	33	34	46	44	34	32.5
	MIN	19	19	24	27	27	8	15	12	18	24	28	20	14	8	16	14	18	19	26	10	10	16	8	2	4	3	15	-9	30	26	15	15.7
MARCH 1956																																	
MIDDLETOWN 2 S	MAX	52	57	63	63	67	67	63	67	49	61	62	61	37	47	48	44	40	35	32	38	43	43	54	54	40	56	56	55	38	48	48	51.5
	MIN	20	43	34	36	32	40	40	43	30	34	42	36	32	37	34	31	24	25	25	15	20	23	32	31	24	32	27	31	31	33	32	31.3
APRIL 1956																																	
MIDDLETOWN 2 S	MAX	53	57	55	78	78	67	56	44	56	59	59	57	64	62	64	72	55	53	53	57	65	62	55	62	65	65	85	85	85	85	62.8	
	MIN	25	39	42	44	41	42	44	35	33	29	40	35	33	37	43	46	41	34	36	35	29	39	40	32	32	47	40	48	43	62	38.9	

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				
MARYLAND																																			
NOVEMBER 1955																																			
NEW GERMANY	SNOWFALL										4.8	1.7																							
	SN ON GND										5	7	4	1								7.4	T	4	1			T		.4	2.0	1.2			
DECEMBER 1955																																			
NEW GERMANY	SNOWFALL									3.0	2.0	.9	.1	T		.5	3.0	T			1.0	T													
	SN ON GND		.3	1		T				3	5	6	6	6	4	5	8	7	.7		7	7	7	6	6	3	1					2.0	.9		
JANUARY 1956																																			
NEW GERMANY	SNOWFALL									.5	T	T	3.5		.5						4.5	2.0													
	SN ON GND									T	T	4	4	4	4	4	3	5	7	7		11	9	9	9	9	9	1.0		9	9	6	2	2	

CORRECTIONS
ANNUAL: 1954

Index: District Heights, Md.
National Arboretum, Md.

Years of record for temperature and precipitation should be 8.

MONTH: JANUARY 1956

Table 2: Bethesda Nat Inst Hlth, Md.
Towson, Md.
U S Soldiers Home, D. C.
Western Port, Md.

Total Snowfall and greatest depth on ground should be missing.

Table 7: Towson, Md.

Snowfall and snow on ground should be missing for entire month.

Table 7: Western Port, Md.

Snowfall and snow on ground should be missing on 9th.

MONTH: FEBRUARY 1956

Table 2: Annapolis 2 WNW, Md.

Total snowfall should be T; greatest depth on ground, 0.

Table 2: Middle River, Md.

Total snowfall should be T; greatest depth on ground, T on 4th.

Table 2: Picardy, Md.
Western Port, Md.

Total snowfall and snow on ground should be missing.

Table 7: Annapolis 2 WNW, Md.

Snowfall on 17th should be T; snow on ground on 17th, 0.

Table 7: Middle River, Md.

Snowfall and snow on ground on 4th should be T.

Table 7: Picardy, Md.

Snowfall and snow on ground should be missing for entire month.

Table 7: Western Port, Md.

Snowfall and snow on ground should be missing on 2nd and 25th.

See reference notes following Station Index.

STATION INDEX

MARYLAND AND DELAWARE
JUNE 1956

MARYLAND											DELAWARE												
Station	Index No.	County	Drainage I	Latitude	Longitude	Elevation	Observation Time	Temp.	Precip.	Observer	Refer To Tables	Station	Index No.	County	Drainage I	Latitude	Longitude	Elevation	Observation Time	Temp.	Precip.	Observer	Refer To Tables
REFERENCE NOTES																							
Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Friendship International Airport, Baltimore, Maryland, or to any Weather Bureau Office near you.																							
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.																							
Figures and letters following the station name, such as 12 SW, indicate distance in miles and direction from the post office.																							
Observation times given in the Station Index are in local standard time.																							
Delayed data and corrections will be carried only in the June and December issues of this bulletin.																							
Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.																							
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.																							
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.																							
Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.																							
Amounts in Table 3 are from non-recording gages, unless otherwise indicated.																							
Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.																							
Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m. E.S.T. WTR EQUIV 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 record.																							
Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.																							
Long-term means for full-time Weather Bureau stations (those shown in the Station Index as United States Weather Bureau Stations) are based on the period 1921-1950, adjusted to represent observations taken at the present location.																							
- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.																							
+ And also on a later date or dates.																							
* Amount included in following measurement, time distribution unknown.																							
# Thermometers are generally exposed in a shelter located a few feet above and covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.																							
// Gage is equipped with a windshield.																							
// Data based on observational day ending before noon.																							
B Adjusted to a full month.																							
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 Hourly Precipitation Data.																							
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.																							
M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.																							
E Amounts from recording gage (these amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).																							
T Trace, an amount too small to measure.																							
V Includes total for previous month.																							
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MARYLAND AND DELAWARE

