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

# CLIMATOLOGICAL DATA

# MARYLAND AND DELAWARE

# ANNUAL SUMMARY 1955 Volume LIX No. 13



#### WEATHER SUMMARY

#### GENERAL

The year was one of notable extremes in some respects. Record and near-record summer heat, followed by a parade of three hurricanes which drenched the land with the heaviest rainfall ever recorded in many areas, were sandwiched between a January and a December which smashed all records for dryness. In Baltimore, the August deluges and the December dryness set new record extremes of high and low rainfall for all months since 1817. The year averaged out to be a shade warmer and drier than long-term expectancies of temperature and rainfall in the Section.

#### WEATHER EFFECTS

Winter grains, cover crops, and pastures were in fair to good condition during January, February, and March, being dormant during the unseasonal cold of January. The unseasonable freeze of March 26-29th. which was so ruinous to agriculture in the more southerly states, had little effect in Maryland and Delaware. Peach and other fruit trees were mostly dormant at the time. By late March, land preparation was well under way, and farm activities made normal progress during the spring although in some areas they were hampered by wet ground. The excessive dryness of May was not particularly detrimental to crops except to early-planted corn which had to be replanted in quantity. Abundant rains in June then rejuvenated pastures and favored better crop growth, but they also interfered with cultivation, hay cutting, tobacco planting, and apple spraying. Hot, dry weather in July began to have telling effects by the end of the month. Crop growth came to a standstill, and some damage occurred to corn, tobacco, pastures, and hay crops. Conditions worsened until the time of the torrential rains borne by Hurricanes "Connie" and "Diane" in the middle part of August. Damage by wind and rain was most serious to the southern Maryland tobacco crop, but extensive unestimated damage was done to corn and vegetables as well. Excessive splitting and rotting of tomatoes, and windfall of some peaches and apples also resulted. Cantaloupes were badly damaged, and some early potatoes were reported rotting in the ground in central Delaware. Pastures and most fruit, on the other hand, benefited greatly from the needed rains. In the late summer and fall, farm work was up to date. Freezes late in October ended the growing season, with damage to truck crops in the southeast resulting on the 23rd. By the end of the year, abnormal cold and inadequate snow cover may have resulted in some injury to winter grains and cover crops.

Predominantly dry weather carried over from 1954 maintained below-normal runoff and ground-water levels until August, when hurricane rains brought both to high levels. By December, however, deficient rainfall had returned them to the subnormal range. Combined storage in Lock Raven and Pretty-boy Reservoirs averaged near 50% of capacity until August, after which time it climbed to 60 - 70% of capacity.

#### TEMPERATURE

The average temperature for the year was slightly above its long-term expectancy, with 7 individual months averaging more or less warmer than usual. An unseasonably cold January was followed by four unseasonably warm months. April was the fifth warmest of record since 1895 in Maryland and the eighth warmest in Delaware. In contrast, June averaged out to be as unusually cool as April was warm. July and August got back into the heat parade with a vengeance, July smashing the all-time records for high mean temperature that month in both States, and August taking second honors in the same respect. September was outstanding in both States for having experienced an unusually small average diurnal temperature range in the month, which could be laid to excessive cloudiness; mean temperatures in September were near average expectancy. December closed out the year on a very chilly note with average temperatures in both States about 4° below long-term expectancy.

Delaware averages for the year ranged from 56.5° at Dover to 52.5° at Selbyville, while Maryland averages ranged from 58.7° at Crisfield down to 47.5° at Bittinger 2 NW. The highest maximum temperatures of the year were 102° at Milford, Del., on July 22nd, and a sweltering 106° at Ocean City, Md., on August 2nd. The greatest number of days in the Section during which temperatures reached 90° or higher was 45 at Coleman, Md., and at National Arboretum, D. C. The lowest minimum temperatures of the year were an even 0° at Newark College Farm, Del., on February 3rd, and -26° at Oakland 1 SE, Md., on January 28th. The least number of 90° days in the Section was a solitary 1 at Bittinger 2 NW; the greatest number of days with temperatures dipping to 32° or below was 152 at Oakland 1 SE, Md., and at Sines Deep Creek, Md.

#### PRECIPITATION

The year opened with by far the driest January of record in Maryland and Delaware, precipitation averaging about 6/10-inch and a mere 16% of normal. Only once in Maryland and twice in Delaware had lesser monthly amounts ever been observed at any time of year since 1895. December proved to be even more of a spectacular month in the same respect. In Delaware, 2/3 of an inch of precipitation fell which was some 20% of normal and which established a new dryness record for December. In Maryland, only 4/10 of an inch fell during the month; this was 13% of normal, set a new dryness record for December, and came within a mere one hundredth of an inch of tying the record

for dryness for any month of any year since 1895 in the State. In the Baltimore area, dryness records dating back to 1817 were broken in December. Sandwiched between these unusual months were several other remarkably wet or dry months, but especially outstanding was August with a phenomenal 12.42 inch average rainfall in Maryland and 11.07 inch fall in Delaware. Almost entirely dumped by two hurricanes in the space of one week, these Statewide rainfall averages easily broke the previous wetness record in Maryland for any month of the year since 1895, and took second honors in Delaware behind the all-month record for that State of 12.73 inches in August 1933. Rainfall in the Baltimore area during August 1955 was greater than it had ever been during any month since 1817.

Delaware totals for the year ranged from 43.18 inches at Selbyville down to 34.95 inches at Wilmington City Hall, while Maryland totals ranged from 53.40 inches at Snow Hill to 20.79 inches at Ocean City. The greatest rainfall in one day in each State occurred with the passage of "Connie" August 12-13th: 4.10 inches at Middletown 2 S, Del., and a whopping 9.54 inches at Cheltenham 1 NW, Md. The greatest number of days in the Section with at least 0.10 inch precipitation was an estimated 98 at Oakland 1 SE, Md. The least number of days in this category was 44 at Laurel 3 W, Md., and a like number estimated at Ocean City, Md. The greatest number of days with at least 1.00 inch precipitation was 18 at Crisfield, Md.

#### SNOWFALL

Snowfall during the year totaled 13.3 inches in Maryland and 9.8 inches in Delaware, or a little over half of long-term expectancy. January and December being cold and very dry, and February and March being wet but warm enough to favor precipitation in the form of rain, none of these months could match par on the snowfall course. November, however, was appreciably snowier than usual. The greatest annual snowfall in Delaware was 19.5 inches at Wilmington Newcastle WB Airport, and in Maryland, 73.7 inches at Oakland 1 SE. Greatest depths on the ground were 4 inches at Dover, Del., on February 2nd, and 16 inches at Bittinger 2 NW, Md., on January 29th.

#### DESTRUCTIVE STORMS

A total of 29 persons in Maryland and 1 in

Delaware reportedly lost their lives during the year as the result of severe weather, In August, hurricanes "Connie" and "Diane" which tracked more or less northward through Maryland within 5 days of each other, and drenched both States with unprecedentedly heavy rains, left 14 dead, a conservative \$2,500,000 in property damage, and considerable unestimated crop damage in their wake. The victims had all been aboard a schooner in Chesapeake Bay during the approach of "Connie" and had disregarded storm warnings. No deaths and relatively small damage were sustained in Delaware during these hurricanes. Numerous thunderstorms during the year, most of them during March and July, caused an estimated \$203,000 in damage about 10% of which was in Delaware and about 1% of which was to crops. 15 persons lost their lives as a result of these storms, 12 of whom drowned when winds capsized their small boats.

Following up "Connie" and "Diane" was hurricane "Ione", which flirted with the southern Maryland and Delaware borders on September 19-20th before ambling out to sea. No damage was reported in either State as a result of this storm. More detailed descriptions of these hurricanes may be found in the August and September 1955 issues of this publication and of "Climatological Data, National Summary."

#### FLOODS

After prolonged heavy rains in early March, light flooding resulted on the Monocacy at Frederick, Md., and again on the lower Potomac near Washington, D. C.; no damages were reported. Also, in June, northern suburbs of Baltimore experienced a flash flood which inundated some streets to a depth of 2 1/2 to 4 feet. Oakland, Md., was host to another flash flood in July which inflicted locally heavy property damage. Hurricanes "Connie" and "Diane" caused extensive soil erosion and damage to residential basements in both States. But flooding as such was largely confined to the Monocacy Basin, Rock Creek, and the Anacostia River after "Connie"; and to the Potomac River Basin after "Diane". Heavy rains again in October caused some local flooding in Baltimore and on Rock Creek and the Anacostia River in Washington,

Details of each month's weather may be found in the monthly issues of this publication.

J. M. Mitchell, Jr.

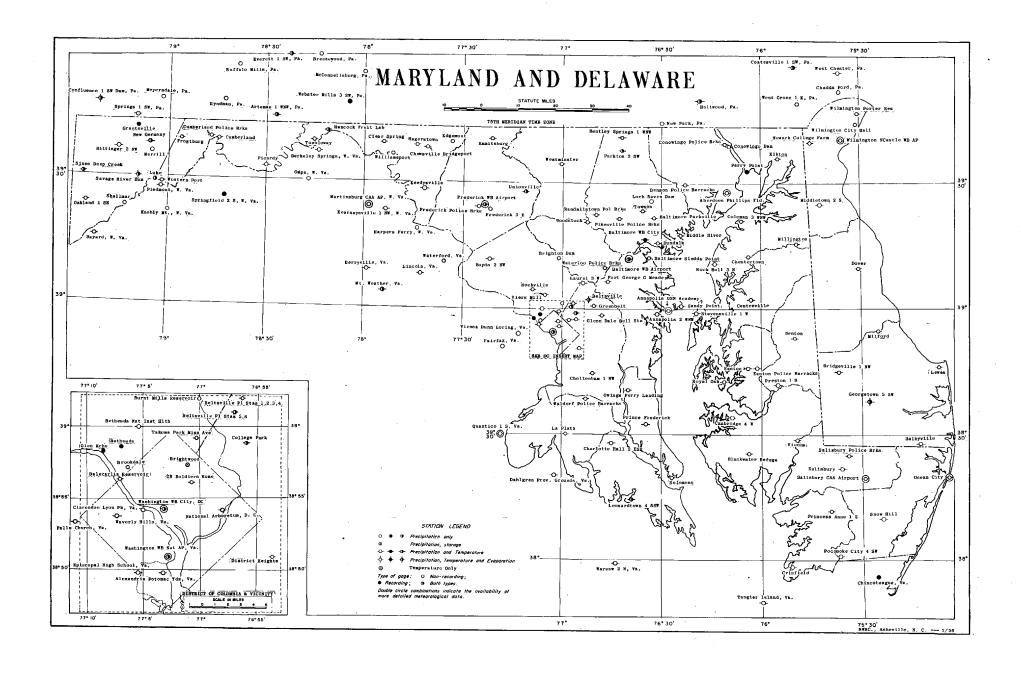


Table 1			AV	ER.	AGE	11	MP	LKA	1101	TES	AN	ו עו	)EPF	MI	UKI	LO F	NO.	M IV	ואטו	MA	L			T ENIO		1955
	Janu	ary	Febr	niary	Mar	ch	Ap	ril	Ma	ıy	Ju	ne	Jul	9	Aug	rust	Septe	mber	Octo	ber	Nove	mber	Decer	nber	Ann	nal
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Тетрегание	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
MARYLAND ABERDEEN PHILLIPS FLD ANNAPOLIS U S N ACADEM ANNAPOLIS 2 WNW BALTIMORE SLEDDS PT BALTIMORE WB AIRPORT	32.7 34.9 33.5 34.0 32.3	• 5	34.3 35.1 35.3 35.8 34.4	.9 .2 6	44.4 46.0 46.2 46.4 44.9		55.3 56.7 56.6 57.3 55.9	3.6	65.6 66.3 65.1M 66.8M 65.2	3.2 2.3	68.9 70.0 68.2 69.5 68.5	- 2.5 - 3.0 - 3.7	81.5 81.7 81.0 81.6 81.2	549 444 449	78.2 78.3 77.7 78.5 78.1		67.9 70.2 67.8M 69.3 68.2	2	58.7 50.4 60.1 58.3	2.5 2.3	43.4 46.0 M 45.4 43.1	- 2.1 - 1.1 - 2.5		- 4.4 - 3.9	55.1 56.6 56.4 55.1	1.1
BALTIMORE WB CITY BALTIMORE PARKVILLE BELTSVILLE BELTSVILLE PLANT STA 1 BELTSVILLE PLANT STA 2		- 1.7 - 1.8	37.6 35.1 31.8 32.9 32.4	.3 - 1.8	47.1 45.6M 44.4 44.5 44.1	1.8	58.7 56.9M 55.0 54.8 54.5		67.9 64.9M 64.0 63.8 63.2	2.6	71.5 68.8M 66.1 66.0 65.8	- 2.8 - 4.8	83.5 80.6M 79.3 79.3 78.8	5 • 0 4 • 5	79.2 M 77.0 76.6 76.4	2.8 3.7	69.2 67.6 66.8M 67.1 66.6	- 1.2 2	60.3 58.5 56.5 57.4 56.5	1.0	44.8 43.2 41.9 42.7 41.9	- 3.9 - 3.5	33.9 31.0 30.2 31.3 30.5	- 4.9 - 4.9	57.4 53.7 54.0 53.5	•3 - •1
BELTSVILLE PLANT STA 3 BELTSVILLE PLANT STA 4 BELTSVILLE PLANT STA 5 BELTSVILLE PLANT STA 6 BENSON POLICE BARRACKS	32.5 31.3 32.7	•2	33.8 34.1 32.6 34.1 33.6	1.8	45.3 45.5 44.3 45.9		55.6 56.4 54.6 56.4 55.5	4.0	64.7 55.5 63.4 65.2		66.9 67.6 65.8 67.7 67.8	- 2+1	79.8 80.4 78.2 80.4 79.4	5•1	76.7 77.0 76.3 77.1 76.8	4.4	67.2 67.1 66.2 67.3 66.6	•1	57.6 58.1 56.3 58.0 57.0	1.5	42.9 43.2 41.8 43.0 42.0	- 2.1	31.3 31.4 30.5 31.3 29.9	- 4.3	54.9 54.9 53.5 54.9	
BENTLEY SPRINGS 1 WNW BETHESDA NAT INST HLTH BITTINGER 2 N W BLACKWATER REFUGE BOYDS 2 NW	28.5 33.4M 23.1 33.3 31.9	- 4•1	31.3M 36.4 28.8 38.3 35.4	1.3	42.2 46.0 37.6 48.6 44.8	3 • 5	54.6 57.3 51.2 62.9 56.3M	9.7	62.7 65.7M 58.8 56.3 65.2	2.1	65.5 68.4 59.5 69.6 66.5	- 2.8	77.2 80.3 71.5 81.2 79.2	543	76.4 68.7 79.9 75.8	5.5	64.5 66.8 60.6 70.1 66.2M	1.3	55.5 57.1 50.6 59.3 57.3		40.4 43.2 35.6 45.7 41.8	- 2.3	27.7M 31.5 24.5 31.6 31.2	- 6.1	55.2 47.5 57.3 54.3	1.2
BRIGHTWOOD DC CAMBRIDGE 4 W CENTREVILLE CHARLOTTE HALL 2 ESE CHELTENHAM 1 NW	34.7 34.0 33.7 34.1 32.4	- 2.1 - 2.1	35.3 36.6 36.4 37.5 34.1	2.6	46.6 47.5 47.2 47.6 46.1	2.4 2.6 1.5	57.8M 57.4 56.8 58.7 56.4	4.6	67.7 65.3M 65.4 65.0 64.5	•0	70.0 68.3 68.7 67.9 67.2	- 5.0 - 4.8 - 4.3	82.3 80.0 79.9 79.0 79.9	2 • 4 2 • 6 4 • 1		1.1 2.0 2.8	68.1M 68.5M 68.5 68.2M 67.7	- 1.7 8 7		•3 •7 •8	45+0	- 2.1	33.7 33.7 32.3 33.0 31.4	- 4+6 - 4+2 - 4+7	56.5 56.2 55.8 56.0 54.9	4 3 1
CHESTERTOWN CHEWSVILLE BRIDGEPORT CLEAR SPRING COLEMAN COLLEGE PARK	33.6 31.1 31.8 34.6 33.1	•6	35.9 33.7 34.5 38.8M 36.0	3.8	45.5 44.2 44.4 46.9M 46.2	3.2 3.2	56.0 56.0 57.1 58.0 58.0	5.5 6.0 4.9	66.3 65.1 65.3 67.1M 66.4	3.6 3.3	69.9 67.5 67.9 70.5M 68.6	- 1.6 - 1.9 - 1.4 - 1.6 - 3.0	82.3	5.8 5.2 5.0 5.6 5.3	76.9 76.1 80.4M	3.9 5.7	69.4 66.4 65.8 70.5M 68.3	1.0	60.1 56.1 55.8 62.5M 58.1	3.4 1.7 1.4 4.2 1.7	41.0 40.5	- 2.2 - 2.9		- 4.1 - 2.9 - 2.4 - 4.4 - 3.9	56.2 54.0 54.0	1.6 1.8 1.6
CONOWINGO DAM CONOWINGO POLICE BRKS CRISFIELD CUMBERLAND CUMBERLAND POLICE BRKS	31.7M 31.7M 36.0 30.1	- 2.3	32.6 33.7M 39.0 33.1 30.9		43.1 45.4M 49.2 44.5		54.8 56.3 59.5 57.0		64.3 65.8M 67.5 64.7	1.7 1.7 1.7	67.8 68.8M 72.0 65.5 64.3	- 2.9 - 2.5 - 5.4	80.6 80.3 82.2 77.1 75.5		76.9 77.5 80.2 75.2 72.7	3.4 3.3 2.7	67.3 68.1M 71.2 65.7 62.8	- 1.1	57.6 58.7 63.1 55.7 53.7	2.6 1.8 1.1	43.6 48.5	- 1.8 - 2.4 - 2.9	29.0 30.5 35.9 29.9 30.4	- 4.4 - 5.0 - 4.2	54.0 55.0 58.7 53.2	1+2 +3 +2
DALECARLIA RESERVOIR D DENTON DISTRICT HEIGHTS DUNDALK EASTON	33.5 33.3 34.3 34.7 34.7	- 1.7	36.7 37.4 37.5 36.5 37.6	2.5	46.8 46.3 46.7 47.1 47.7	2.3	58.6 56.9 57.8 58.1 58.0	3.7	67.4M 66.1 66.3 67.2 66.8	2.3	69.1 68.9 69.1 70.4 69.9	- 3.2	81.3 80.9M 81.1 82.8 81.5	445	78.1 77.6 77.6 77.6 79.0 78.4	3.1	69.1 68.5M 68.9 69.4 69.3	- •3	58.2 59.1M 59.4 60.4 59.5	1.7	44.0 44.5N 45.1 45.4 46.0	- 2.3	32.0 31.3M 32.8 33.3 33.9	- 5.3	56.3 55.9 56.4 57.0 56.9	46
EASTON POLICE BRKS ELKTON EMMITSBURG FORT GEORGE G MEADE FREDERICK POLICE BRKS	34.6 31.7 29.5M 32.2 32.5	- 1.7 - 3.5	37.9 34.7 33.3M 35.2 34.3M	1.3 - 1.0	48.0 43.9M 44.9M 45.0 46.1M	1.5 4.0 1.5	57.9 55.7 58.1M 56.2 57.6M	3.9 6.2 3.6	66.4 65.5 65.6M 64.8 65.2M	2.3 3.3	69.4 68.7 69.4M 57.0 70.0M	- 2.5 - 3.1 - 8 - 4.9 - 2.1	80.9M 81.2 79.1 79.9 80.6M	4.6 5.3 3.9 4.9 4.1	78.0 75.8 76.6	3.0	6942 6842 6549 6743 6840N	4	58.5 56.7M	1.7 2.5 1.4	43.4 41.6 43.2	- 2.4 - 2.1 - 2.9	33.0 30.2 30.3M 31.2 31.1	- 4.1 - 4.9 - 3.4 - 4.1 - 3.7	56.7 55.0 54.2 54.7 55.4	1.3 .8 1.2 ~ .2 1.2
FREDERICK WB AIRPORT - FROSTBURG GLENN DALE BELL STA GREENBELT HAGERSTOWN	31.3 27.4 32.9 31.7 31.3		32.2 31.2 36.0 32.7 33.7	.7	43.5. 40.7 46.5 44.5 44.3	1.5	55.0 53.8 57.0 55.6 56.8	4.2	64.0 62.0 65.7 64.3 65.2	2.1	67.1 62.9 67.8 67.1 67.4	- 5.5 - 4.9 - 4.2	78.9 74.5 80.4 79.9 78.4	2.2 3.0 4.9	72.2		65.4 62.8 68.0 66.4 65.0	- 1.6	55.4 53.8 58.0 57.1 55.6	- 1.4 .0 2.3	38.3	- 3.7	29.6 27.7 31.4 30.8 29.8	- 5.4 - 1.8 - 4.3	53.3 50.6 55.5 54.1 53.6	- 1.4 1 .9
HANCOCK FRUIT LAB KEEDYSVILLE LA PLATA LAUREL 3 W LEONARDTOWN 4 SSW	30.1 32.0 33.4 32.9 34.9	- 2.7	31.6 34.9 37.3 36.9 38.7	1.7 .1 3.3	43.1 45.2 47.2 47.6 48.4	1.3 2.1 1.1 4.4 5.8	58.1 58.9	3.4 3.6 6.3	63.0 65.3 65.3 66.9 66.6	1.9 1.3 3.8	64.4 67.6 67.9 70.4 69.6	- 6.7 - 3.9 - 4.8 - 17 - 3.5	82.5	2.4 3.6 3.2 7.0	76+6 77+2 78+1	2 • 8 2 • 3 4 • 5		- 1.1 - 1.3 2.2	54.7 56.8 57.1M 59.9 59.9	3 7 3.9 1.5	42.5	- 3.5	31 .0 32 .QM	- 4.3 - 3.3 - 5.9 - 3.1 - 5.0	52+2 54+5 55+6 56+8 57+3	7 .5 6 2.6 1.1
MIDDLE RIVER MILLINGTON NATIONAL ARBORETUM D C OAKLAND 1 SE OCEAN CITY	32.8 33.0 35.3 23.6 34.3	- 1e1	34.6 36.0 38.4 29.7 34.8	1	45 • 3 45 • 2 49 • 4 39 • 8 46 • 5	1 • 2 2 • 9	56.4 55.5 59.9 51.7 55.1	(	65.5 65.9 68.3 58.7 65.9	2.3	68.7 68.2 71.0 59.3 72.5	- 3.4 - 4.8	80.7 80.9M 82.8 71.3 81.5	4 • 8 4 • 0	79.6	ĺ	68.8 68.48 70.2 61.3 71.9	Ι.	59.0 59.8 60.1 51.3 61.3	2.5	43.3 45.5 46.4 36.7 45.6	ſ	31.7 31.7 34.6 25.5 36.8	- 4.5 - 4.4	55.3 58.7 58.0 48.3 57.2	•7
OWINGS FERRY LANDING PARKTON 2 SW PICARDY PIKESVILLE POL BRKS POCOMOKE CITY 4 SW	35.0 28.9 29.3 33.3 34.3	- 440	31.4	- 1.4	47.6 41.6 43.8 46.6 48.3	2 + 0 1 + 6 2 + 2	58.6M 54.4 55.7 58.9 57.1	4.5 4.1 2.5	66.1 63.0 63.3 68.2 63.3	1.0	69.3 65.8 65.3 70.1 67.9	- 3.4 - 4.7 - 5.1	80.8 77.1 76.9 82.9 79.3	4.6 2.9 1.4	74+1 73+9 79+0	3.1 1.7 1.6	69.1 63.1 64.3 69.2 68.8	- 1.7	59.7 54.2 54.7 60.0 59.6	ì	46.5 39.2 39.3 44.8 46.8	- 5.2	33.9 27.1 28.2 30.7 33.5	- 4.0 - 6.0 - 6.9	56.8° 51.7 52.2 56.7 56.3	- 1.0 - 1.0
PRESTON 1 S PRINCE FREDERICK PRINCESS ANNE 1 E RANDALLSTOWN POL BRKS RIVERDALE	34.4 35.1M 34.2 31.9 32.2M	- 2.	37.8 38.2M 39.2 35.0 34.9M		47.5 47.9 48.6 45.3	3,3	57.8 58.9 57.7 57.2	3.8	66.1 66.0 64.4 66.2	1.2	59.3 59.0 57.6 59.0	- 3.8	80.7 80.3 78.2 80.5	2.1	78.0 78.1M 77.2 77.0	2.6	69.1 68.9N 68.5 67.4	4	60.1 59.0 58.2 58.2	••	45.8 46.5 45.3 42.6	- 2.1	33.4 34.3N 33.1 30.3	- 5.6	56.7 56.9 56.0 55.1	.1
ROCK HALL 3 N ROCKVILLE ROYAL OAK SALISBURY SALISBURY POLICE BRKS	33.6 34.6 34.6 35.5 35.7	- 109	35.6 37.5 37.0 40.0 39.8M	2.0	45.4 48.2 47.6 49.7 49.6	-	56.2 59.2 58.4 59.0 58.0		64,9 67,9 66,9 66,4 66,1	2.1	68.5 69.5 70.2 70.1 69.5	- 4.4	80.8 81.3 81.5 80.6 80.1M	3 • 8	77.0 78.6 78.6 78.3 77.6	3.0	68.5 59.4 70.0 70.2 69.1		59.7 59.3 60.8 60.6 59.2M		44.6 45.4 46.4 48.1 46.2	1	31.4 39.7 33.7 34.8	- 5.2	57.0 57.2	1.2
SALISBURY CAA AIRPORT SANDY POINT SAVAGE RIVER DAM SINES DEEP CREEK SNOW MILL	33.4 34.7 26.9 23.9 35.0		37.4 36.4 28.0 28.4 38.6		46.3 47.6 40.9 38.4 48.2		56.3 57.3 53.0 51.5 57.9		64.0 66.8 60.4 58.6 65.2		68.2 70.0 62.2 59.5 69.4	- 4.8 - 2.5	79.8 81.6 73.5 71.9 80.2		77.3 78.6 72.2 69.9 78.4		68.1 70.8 61.5 61.2 69.3		58.3 60.7 53.5 49.9 59.7		45.3 45.8 37.4 2 35.5 46.8	- 2.5	32:5 33:2N 26:0 25:0 33:9	- 4.6 - 5.1		.6
SOLOMONS STEVENSVILLE 1 W TAKOMA PARK MISS AVE TONOLOWAY TOWSON	36.5 34.5 34.0 32.6	145	38.3 36.4 36.7N 33.6 34.7	1.9	48.9 46.4 47.1 44.0 45.6	2.4	59.1 56.8 58.2M 55.8 56.6	3.9	66.7 66.3 65.9 63.7 65.5	2.6	70.9 70.0 68.4 65.9 67.5	- 3.6	81.9	442	79.6 78.1 77.0 75.5 76.5	3.2	71.9 69.9 67.6 65.6 67.0	- :	58.2 54.9 57.6		46+8	- 346 - 445	35.8 33.7 32.6 28.7 30.5		55.8	1.1 .6 1.2
UNIONVILLE U S SOLDIERS HOME D C VIENNA VIERS MILL WALDORF POLICE BRKS	30.1 34.1 36.1M 32.9M 33.8	- 24	32.9 35.0 38.4 36.0 37.4	,	43.3 46.0 47.6M 47.2M 46.8	1.5	54.5 57.3 57.5 57.3M 58.0M	3.7	63.1 66.7 65.5 66.8M 65.7	1.6	66.0 68.6 69.4 67.78 68.1	- 3.9	78.2 81.2M 80.1M 81.0 80.1	4.5	77.1 77.5 78.2 77.1 77.5		65.6 68.1 69.0 68.5 69.2		55.6 59.2 59.7M 57.8M 59.0	••	40.7 44.8 47.1 44.9 45.2	м	29.0 32.3 34.6 32.3 32.8	- 4.3	53.0 55.9 57.0 55.8 56.2	••
WASHINGTON WB CITY DC WATERLOO POLICE BRKS WESTERN PORT WESTHINSTER WOODSTOCK	35.4 32.8 31.2 30.0 31.8	- 109	38.0 35.0 35.0 34.0 33.1 33.3	1.2	47.8 46.1 45.1 43.6 44.1	2.8	58.7 56.1M 56.8 55.8 55.7	4.9	68.0 65.0 65.3 63.2 64.7	3.2	70.7 68.2 65.6 66.3 67.0	4.5	80.2M	3.4	79.1 77.9 75.7 76.1 76.0	3.0	70.3 67.8 67.0 65.4 66.2	- 2.0	60.3 56.3 56.4 56.5	1.1	9 45.7 42.3 1 41.3 7 41.0 6 41.6	M - 244	34.1 31.7 31.8 29.3 30.2		53.2	1.0 4
STATE AVERAGE	32.6	- 1.0	35.2	1.4	45.7	2.8	56.8	4.3	65+2	2.3	67.9	- 3.0	7948	4.	77.0	3+5	67.6		57.9	1.4	43.5	- 1.	31.4	- 3.9	55.1	.8
DELAWARE BRIDGEVILLE 1 NW DOVER GEORGETOWN 5 SW LEWES MIDDLETOWN 2 S	33.4 33.8 33.6 33.7 31.8		37.8 37.2 38.3 36.6 35.5	2.4	46.2 46.8 46.5 45.9 44.9	3 • 4	56.3 57.0 56.8 55.1 56.1		65.5 66.6 65.3 63.7 63.8	2.2	68.9 69.5 69.0N 67.7 68.5	- 3.0	80.3 81.8 80.6 79.8 81.0	4.4 5.3	77.8 78.5 78.1 77.5 77.6	3.6	67.9 67.8 68.6 68.4	- 1.0	58.5 60.4 59.0 58.9 58.4	2.1	1 45.0 9 46.1 45.8 46.2 44.4	- "	32.3 32.5 32.7 32.6 30.7		55.8 56.5 56.2 55.5	1:1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE 1955

	Jan	nary	Febr	uary	Ma	rch	Ar	ril	M.	вy	Ju	ne	Jul	ly	Aug	gust	Septe	mber	Oct	ober	Nove	mber	Dece	m.ber	Ann	ual
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temporature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Тетрегапте	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
NEWARK COLLEGE FARM SELBYVILLE WILMGTON NGASTLE WB AP	31.5 33.8 31.5	- 1.8	33.3M 37.8 34.1	3.3	46.8 43.7 46.8 43.5	2.6	56.6 55.3 56.2 54.8	3.0	66.1 64.9 64.5 64.8	2.8	68 • 2 68 • 6 68 • 7		80.7 79.0M 81.2	5.9	76.9 77.7 77.0 77.9	5.0 4.1	67.2 67.3 67.8 67.2	8	58.5 57.9 58.6 58.1	2.5	44.5 42.7 46.5 43.3	- 1.0	29.5 33.3 29.9.	- 7.3 - 3.7 - 5.2	54.4 52.5 54.6	- 1.
STATE AVERAGE SECTION AVERAGE	32.8	- 2.3	36.2	1.3	42.5 45.4 45.7	1.8	54.0 55.8 56.7	3.0	63.9	1.7	69.6	- 2.9	79.9 80.5 79.9	4.3	76.7 77.6	3.2	67.6	9	58.0 58.0	1.0	44.7	- 1.9	31.4	- 5.5 - 5.3 - 4.0	55.3	- ,

Table 2			-																					<u>.</u>	1955
	Jan	uary	Febr	пагу	Mai	rch	Ap	ril	Ma	ıy	Jun	10	Ju	ly	Aug	just	Septer	mber	Octo	ber	November	Dece	mber	Ann	ual
Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation Departure	Precipitation	Departure	Precipitation	Departure
MARYLAND ABERDEEN PHILLIPS FLD ANNAPOLIS U S N ACADEM ANNAPOLIS 2 WNW BALTIMORE SLEDDS PT BALTIMORE NB AIRPORT	.60 .32 .28	3.05			4.71 3.51 E 3.86 3.36 3.34	1.48 19 29	3.46 3.95 2.86 2.88 2.34	*10 *30	1.91 1.42 1.80 3.63 2.34	-1.66 -2.62 -1.67	6:37 5:82 2:42 7:15 6:73	2:79 1:79 3:21	1.08 1.22 .87 .44	-3.24 -3.19	13.86 12.01 15.05 15.45 18.35	7,49	1.21 1.73 1.54 .71	-2.13 -2.06	2.44 E 3.98 E 3.98 1.84 5.66	10 .82	1.59 -1.2 1.59 -1.2 1.67 1.39 1.35 -1.6	3 •26 •50 •20	-2.46 -3.08 -2.75		14 - 5.57
BALTIMORE WB CITY BALTIMORE PARKVILLE BELTSVILLE BELTSVILLE PLANT STA 1 BELTSVILLE PLANT STA 2	•33 •32 •18 •24	-3.93 -3.11	2.82 3.18 E 2.84 2.87 2.82	- •17 •51	3.93 4.94 3.20 3.29 3.27	.30	2.88 3.75 2.53 2.72 2.46	84 61	2.13 1.73 1.99 1.92 1.55	-1.86 -2.10	7.83 6.97 6.08 5.79 5.12	4•31 2•77	+35 +29 1+94 1+41 +74	-3.59 -2.27	17.69 17.07 16.15 14.69 11.74	11.14	1.26 1.52 .97 .91 .87	-2.20 -2.79	7:01 5:71 6:15 5:75 5:01	3.64 2.74	1.48 -1.4 1.51 1.22 -1.8 1.41 1.31	120	-2.80 -2.74	47.86 47.19 E43.38 41.18 35.28	5.27 1.42
BELTSVILLE PLANT STA 3 BELTSVILLE PLANT STA 4 BELTSVILLE PLANT STA 5 BELTSVILLE PLANT STA 6 BENSON POLICE BARRACKS	• 24 • 23 • 23 • 23 • 41	l	2.89 2.87 3.03 3.02 3.11	29	3.24 3.21 3.28 3.22 E 4.96	1.23	2.78 2.50 2.83 2.88 4.10	.49	1.75 1.42 2.16 2.07 E 2.24	-1.59	5.39 4.95 6.04 5.76 6.47	2.49	•75 •73 1•06 1•24 •29	-4:13	13.06 10.67 13.69 13.49 13.26		.96 1.03 .84 1.01 1.16	<b>-2</b> 79	5.21 5.09 5.49 5.58 3.67	•24	1.44 1.41 1.48 1.49 1.56 -1.5	•15 •14 •13 •15 •13	-3.91	37.86 34.26 40.26 40.14 E41.46	- 3.90
BENTLEY SPRINGS 1 WNW BETHESDA NAT INST HLTH BITTINGER 2 N W BLACKWATER REFUGE BOYDS 2 NW	.51 .34 2.19 .90		E 2.74 2.85 3.41 3.42 E 2.71	1.00	5.24 3.69 7.93 4.74 2.93	1.02	3.80 2.61 3.43 4.04 2.21	1.40	2.20 2.30 2.60 2.35 2.35	-2.85	5.52 3.83 4.73 5.30 3.53	1.39	.76 1.82 4.01 2.62 1.45	-3.67	14.81 14.15 5.97 16.09 9.97	12.57	1.69 1.83 2.50 4.49 1.15	1.18	5.35 5.18 1.75 3.30 3.41	•41	1.83 1.61 2.44 2.649	•14 •30 •99 •38 •25	-3.05	E44.59 40.51 41.95 50.27 E31.29	6•03
BRIGHTON DAM  BROOKDALE BURNT MILLS RESERVOIR CAMBRIDGE 4 W	.69 .43 .31 .94		3.20 3.52 3.24 3.33	. •02	3.02 4.40 4.71 3.76	07	3.46 3.32 2.50	-1.11	2.45 2.45 2.07 2.11	-1.52	2.95 5.29 5.03 7.29	3.51	1.99 1.40 2.73	-1,82	16.44 14.42 17.34		1.25 .82 .95 3.73	• 32	5.57 5.74 5.72 2.83	- •35	1.67 1.82 1.80 3.39	•25 •27 •24 4 •61	į į	635.32 46.63 E43.22 E50.56	6.74
CENTREVILLE CHARLOTTE HALL 2 ESE CHELTENHAM 1 NW CHESTERTOWN CHEWSVILLE BRIDGEPORT	•22 •59 •35 •42 •36	-3.37 -3.05	E 3.22 2.81 3.07 3.26 2.33	- +29 +30 +26 +16	2.96 4.32 4.19 3.12 5.39	1.01 .53 40 2.38	2.90	-1.08 75 59	1.79 3.61 3.12 1.48 1.74	06 55 -2.30 -1.78	4.65 5.03 4.60 6.59 3.64	1.47 .37 2.63 36	3.20 1.82 1.24 2.37 1.94	-1.84	11.53 13.65 16.92 11.87 8.85	11.99	3.01 2.52	52 59 87 -1.26	3.43 2.87 2.69 3.23 3.68	45 35 .15	1.45 1.921 1.76 -1.6 1.54 -1.4 1.408	2 .40		44.17 39.70	2.39 .11 - 2.99 - 3.16
CLEAR SPRING COLEMAN COLLEGE PARK CONOWINGO DAM CONOWINGO POLICE BRKS	• 34 • 56 • 29 • 46 • 58	-3.02	1.77 2.50 3.14 2.89 2.27	- 485 - 452 412 430	6.17 4.17 3.73 5.69 5.10	2.61 .62 .20 2.23	2 . 68	- 488 - 435 - 482 - 424	2.41 1.45 2.18 1.31 1.38	-1.41 -2.24 -1.78 -3.49	6.51 6.82 5.72 7.64 6.53	2.34 3.06 1.83 2.85		-2:44 -2:85 -2:14 -4:66	9.87 13.57 14.73 12.26 12.11	5.67 8.83 10.39 7.98	1.73	7B -1.71 -2.65 -1.94	4.04 3.60 5.79 2.74 3.15	. 94 .67 2.90 66	2.370 1.37 -1.4 1.49 -1.2 1.39 -2.0	2 •35 4 •17	-2.73 -3.08 -2.86 -3.12	42.72	- •32 - 1•96 •93 - 5•73
CRISFIELD CUMBERLAND CUMBERLAND POLICE BRKS DALECARLIA RESERVOIR D DENTON	1.59 .26 .27	-2.23	2.90 2.39 3.75 3.23	- •50 •05	4:15 6:31 4:00 4:10	.00 3.31	4.47 3.24 2.86 2.82	•60 •36	2.34 3.36 2.48 4.07	-1.23 03	6.22 7.23 5.89 5.26 4.69	2.73 3.35	4.52 2.27 2.72 2.03 1.67	55 99 -2.93	9.82 5.93 6.02 15.82 13.74	5.27 2.45 9.04	2.64	3.95 51 -1.42	3.99 1.05 1.05 5.63 2.13	1.03 -1.48	2.157 1.843 2.70 1.73 2.087	4 .30 .29	-2.17	44.49	6.81 1.77
DISTRICT-HEIGHTS DUNDALK EASTON EASTON POLICE BRKS EDGEMONT	• 35 • 42 • 59 • 49 • 32	-2.89 -2.28	3.44 2.98 3.44 E 3.63 2.74	•48 •86	3.50 3.74 3.78 3.47 6.04	23 2.80		- •15 - •84	3.09 2.31 3.45 1.82 1.94	-1.67 -2.82	3.51 6.52 4.57 4.65 4.59	∎83 ∎74	2.97 .45 3.28 3.52 3.02	-1:03 - :55	14.55 15.12 13.61 11.67 12.61	7:21 8:69	.98 .97 3.15 2.58 1.70	- •79 -1•29	7.00 4.38 2.50 3.13 4.75	- •06 •90	1.55 1.62 1.94 1.77 -1.0 1.27 -2.2			43.90 41.75 E43.75 E40.65 41.71	- 1.69 1.13
ELKTON EMMITSBURG FORT GEORGE G MEADE FREDERICK POLICE BRKS FREDERICK WB AIRPORT	•57 •61 •33 •38 •35			-1.29 -23 21	4.39 4.48 3.65 6.48 5.35	.64 .50 14 3.11 2.04	2.69	- •71 - •64 •45 - •98 -1•35	1.22 3.71 1.91 2.56 2.28	-3.13 49 -3.13 -1.21 -1.32	7.44 4.33 6.64 2.93 3.94	3.33 2.10 -1.28 02	.37 3.40 1.55 5.01 4.71	-4.01 82 -2.38 1.10 1.06	15.18 9.81 17.44 9.01 9.59	12.43	1.15	-1.56 -1.86 -2.34 -1.97 -2.06	4.70 5.57 4.78 2.90 3.32	1.50 2.02 1.44 04	1.74 -1.55 1.30 -2.0 1.40 -1.2 1.59 -1.3	9 •19 9 •17 7 •10	-2.97 -3.35 -2.96	44.63	- 1.78 - 4.03 18 - 3.34 - 2.55
FREDERICK 3 E FROSTBURG GLENN DALE BELL STA GREENBELT HAGERSTOWN	•33 •63 •27 •29	-2.71 -3.32	3.21 2.71 3.12 3.11 2.38	•12 •30	6.04 6.55 3.73 3.06 5.52	2.90 .29		- •41 -1•20	2+63 2+02 3+24 2+39 1+57	-2.07 74	4.05 6.00 4.40 6.82 3.85	1.24 .63	3.80 4.44 1.43 1.69 2.70	•70 -2•86	10.52 6.70 15.96 15.84 8.72	2.50 11.32	1.63 3.14 .93 .96 1.48	04 -2.94	3.68 1.43 5.56 5.99 3.77	-1.78 2.32	2.39 1.995 1.45 -1.6 1.50 1.70	5 •35 5 •22 •18	-2.54 -2.58	41.07 39:30 42:80 44:35 34:59	- 2.64 43
HANCOCK FRUIT LAB KEEDYSVILLE LA PLATA LAUREL 3 W LEONARDTOWN 4 SSW	.20 .20 .35 .57	-2.47 -2.60 -3.49 -2.74 -2.06	2.12 2.29 3.18 2.83 2.77	- +07 - +01 +29 +00 - +15	6.10 5.43 4.37 3.71 3.79	2.88 2.50 1.075 14 28		- :68 1:14 - :79 :57	2:25 2:12 3:48 2:09 2:16	-1.42 -1.34 40 -1.40 -1.07	3.92 4.87 4.55 3.58 6.38	34 .99 .28 19 2.71	2.51 3.75 2.76 .35 1.70	-1.21 .00 -1.86 -3.92 -2.94	5:04 13:60 13:27 9:38 12:15	2.67 9.56 8.68 4.67 8.05		- ,75 -1.88 -1.51 -2.28	2.27 3.90 7.54 5.65 3.64	- 13 63 4.44 2.58	1.359 1.568 1.969 1.53 -1.0 1.978	2 •10 0 •56 9 •22	-2.72 -2.35 -3.00	£49+25	- 4.03 3.63 5.39 - 8.02 2.33
LOCH RAYEN DAM LUKE MERRILL MIDDLE RIVER MILLINGTON	.40 .86 .36	-1.66 -3.47	3.53 2.06 2.42 2.70 2.91	•27 - •27	5.26 5.23 6.49 4.28 3.14	2.53 67	3.45 2.85 2.94 3.61 2.00	- •06 -1•58	2.41 2.17 2.55 1.25 1.29	-1.75 -2.13	6.43 6.03 4.93 6.13 5.79	2.06	.32 2.16 2.22 1.04 .83	-1.48 -3.70	8.95 8.22 6.67 11.91 11.18	4.52 5.38	1.16 2.08 2.78 1.07 2.77	82 74	5.74 1.23 1.61 3.67 2.35	-1•21 - •61	1.87 1.36 1.65 1.41 1.72 -1.1	•45	-1.98 -3.25	40.11 33.96 35.57 37.57 34.44	- •64 - 8•99
NATIONAL ARBORETUM D C OAKLAND I SE OCEAN CITY OWINGS FERRY LANDING PARKTON 2 SW	.34 2 .54 .57 .23 .39	~1.45 ~3.44	3.48 4.30 1.06 3.23 2.63	•94 •55	3.84 7.00 2.38 3.59 4.91	2.97 .24	2.68 3.56 1.64 5.10 3.42	1.26	2.64 3.05 452 3.60 2.40	-1.41 29	3.17 5.02 .76 6.09 6.33	•31 2•56	3.83 5.80 1.55 2.74 .26	1.11 -2.10	14.43 7.04 4.02 15.44 15.83	2.68 10.30	.82 2.38 2.62 2.66 1.28	86 -1.26	5.62 2.52 3.87 3.63 5.14	- •74 •61	1.56 3.76 1.37 2.167	•43		43.66 48.02 E20.79 E48.80 44.21	1.09 5.09
PICARDY PIKESVILLE POL BRKS POCOMOKE CITY 4 SW PRESTON 1 S PRINCE FREDERICK	.35 .57 1.48 .61	~2.17	2.69 2.89 2.80 2.60	- •54 - •58	4.65 4.79 4.11 3.83	1.09	2.45 2.48 3.07 3.33	- •51 - •92	1.38 2.94 2.28 1.58 2.60	-2.07	8.28 5.37 4.63 3.89 5.45	1.12	3.91 2.70 4.60	19	6:87 15:68 7:00 15:86 17:70	3.03 2.15	2.03 1.39 8.24 4.26 4.00	81 5.09	1.35 4.17 4.40 3.18 2.56	1.06	2.21 2.42 2.23 1.71	9 1.33 .64 .49		E31.49 E44.11 45.85 44.93 49.25	4.79
PRINCESS ANNE 1 E RANDALLSTOWN POL BRKS E RIVERDALE ROCK HALL 3 N ROCKVILLE	1.50 .41 .28 .41 .62	~2.83	2.69 3.24 2.82 3.12	- •13	4.11 4.92 3.07 3.77	4 23 445	2.89	- •88 -1•17	2:19 2:40 1:40 1:51	-1.04	7.74 5.78 7.81 2.51	4.34	5.15 1.34 2.27 4.18	-2:50	10.15 15.44 12.99 10.41	5:13 8:17	1:02	2•22 -1•50	3.27 6.63 2.39 .4.43	53	2.153 1.41 1.40 -1.5	2 .36	-2.73	E49.10 E45.60 39.41 E36.67	6.28
ROYAL OAK SALISBURY SALISBURY POLICE BRKS E SALISBURY CAA AIRPORT SANDY POINT	70 .90 .84 .77	~2.85	3.52 3.13 3.26 3.45 2.21	- •01	4.49 4.92 4.26 3.67 3.55	1.04	3.22 2.26 2.52 1.98 2.72	-1:18	2.86 1.78 1.60 1.71 1.73	-1.91	5.93 6.95 6.10 6.41 6.37	3.21	4.00 2.25 4.07 5.08 1.10	-1:99	14.64 8.77 8.36 11.28 12.57	3.34	3.51 4.95 4.94 5.50 2.20	1.07	2.78 5.90 4.90 4.25 3.41	2.69	2.21 1.74 3.29 1.99 1.71	4 1.12 E 1.17 1.18 442	-2.11	48.49 44.67 E45.31 47.27 E38.25	. •16
SAVAGE RIVER DAM SHALLMAR SINES DEEP CREEK SNOW HILL SOLOMONS	.78 1.33 2.56 1.15 1.20	-1.22 -2.70 -1.90	2.55 3.01 4.00 2.93 2.98	53 51 .13	5.79 5.63 8.04 4.84 4.10	3.77 .77 .81	3.60 3.49 3.80 2.60 3.04	56 -1.08 13	3.11 2.51 3.79 1.89 1.49	69 -1.41 -1.75	5.31 5.25 4.66 6.21 4.06	- •27 2•63 •67	4.13	80 51 -3.49	8.62 10:30 6:50 9:91 11:83	2.32 5.12 7.79	8 • 22	- :64 4:28 - :98	7 . 24	-1:12 4:12 - :86	1.57 2.55 2.635 2.761 2.082	3 1.52	-2:36 -1:99 -1:99	37.26 40.85 45.88 53.40 36.50	- 1.57 8.59 - 1.94
STEVENSVILLE 1 W TAKOMA PARK HISS AVE TOMOLOWAY TOWSON UNIONVILLE	•29 •29	-2.70 -2.28 -3.34 -2.81	2.17 3.22 2.22 3.03 3.11	469 420 114 492	3.95 3.65 8.18 4.81 5.59	.31 5.15 1.18 2.48	2.52	•32 - •47 - •65 - •14	2.26 2.30 1.92 2.22 2.62	-1.70 -1.37	6.25 5.81 4.51 7.15 5.95	1.48 .39 3.49 1.23	160 2:64	-2.70 -2.13 -3.22 -2.29	17.38 13.47	12.67	1.94 1.15 1.59	-2.90 -1.10 -2.12 -1.29	5.30	2:11 -1:47 4:30 2:18	1.70 1.67 -1.8 1.32 -1.0 1.52 -1.4 1.39 -2.3	7E •43 7 •17 0 •14		E39.94 44.45 E33.25 49.08 44.61	•98 6•58 2•26
U S SOLDIERS HOME D C VIENNA VIERS MILL WALDORF POLICE BRKS WASHINGTON WB CITY DC	• 27 • 75 • 35 • 37 • 30	-9.11	3:47 2:96 3:44 3:47 3:70	1.06	3.79 4.08 4.47 4.41 3.68	•32		- •45		-1.01	4.99 3.79 3.23 4.28 3.92	• 50	3.75 4.93 .98 3.84 5.90	1.79	i	9489		-3.67	5.89 4.34 5.62 5.49 5.70	2.73	1.59 2.29 1.82 2.16 1.51 -1.3	22 .94 .24 .51	-2.51	E45.18 E41.54 40.41 49.51 45.66	4.22
MATERLOO POLICE BRKS WESTERN PORT WESTHINSTER WILLIAMSPORT WOODSTOCK STATE AVERAGE	•29 •24	-2.15 -2.64 -2.36 -3.05	3.08 2.90 3.26 2.36 2.94 2.94	•60 •33 •44 ••05	4.97 7.57 5.58 5.89 4.28	4.56 1.86 2.58 .73	2.65 2.96 2.85 2.40 2.02	-1.26	2.79 3.16 2.17 1.70 1.99	-1.59 -2.44 -1.73	5.57 4.99 5.92	3.21 1.47 .54 2.12	1.04 1.66 1.51	- 1	10.03 15.05	5.95 10.91	1.03 2.30 1.53 1.07 1.92	-2.22 -1.73 -1.63	4.79 3.88 6.06	2.95	1.41 1.812 1.52 -1.5 1.73 -1.3 1.64 -1.2	•20 •20 •31	-3 • 02 -2 • 95 -2 • 72	E44.16 E40.49 42.41 36.20 E43.88	- 4.30 - 67 2.65

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

	Jan	aary	Feb	ruary	Mar	ch	Ap	ril	M	ay	Jun	e	Ju	ly	Aug	rust	Septe	mber	Octo	ber	Nove	mber	Dece	mber	Anı	ual
Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
DELANARE			_													-				-						
BRIDGEVILLE 1 NW DOVER SEORGETOWN 5 SW LEWES IDDLETOWN 2 S	. 59 . 44 . 59 . 66					44		87		-1.78 -1.64		2.32 2.15		-3.10 -3.17		4.84 8.36	3.98 1.82 2.81 3.83 2.26	-1.86	3.46 3.27 5.34 4.90 2.46	•34				-1.73 -2.93		i
HILFORD HEWARK COLLEGE FARM HELBYVILLE HILMGTON NCASTLE WB AP HILMINGTON CITY HALL	.55 .41 .59 .59	-2.74 -2.97	3.08 3.00 2.93		4.51 3.75 4.86	1.05 1.07 1.25 1.16	2.18	- 454	1.19 2.04 1.18	-2,03 -3,12 -2,63 -2,59	6 • 84 8 • 23 6 • 34	3.22 3.11 2.32 1.45	2.29 2.29	-4.69 -4.33	10.63 14.00 8.14 12.09 12.37	9.65	1.42 3.68 2.27		4.08 5.69 2.62	34 .99 37 28	1:34 2:14 1:36	70 -1.60 -1.97 -2.15	1.45 1.45	-2.81 -3.41 -2.80 -3.36	43.18 37.14	- 3.1
ILMINGTON PORTER RESV	. +46	-3.0B	2.74	23	4.43	. 65	2 • 28	-1.54	1433	-2,45	E 5 43	1.38	.65	-4.14	11.16	6.05	1.83	-1.79	3.15	-17	1.38	-1.81	. 16	-3.14	E35.00	- 9.9
STATE AVERAGE	.58	-2.95	2.87	29	4.26	, 39	2.81	72	1.73	-1.93	6.33	2,56	1.47	-3.14	11.07	6.13	2 • 60	80	3.79	•71	1.87	-1.12	,66	-2.72	40.04	- 3.8
SECTION AVERAGE	.55	-2.79	2.92	• 02	4443	. 78	2.94	- •56	2:19	-1.51	5 . 54	1,59	2.11	-2.15	12.29	7.68	2.19	-1.17	4.13	1.12	1.79	97	•43	-2.73	41.51	6

							Las	t spr	ing min	imu	m of						Fi	rst fa	ll minin	num	of					Numb			
Station	<b>1</b>				l6° o		20° c		24° o belov		28° c belov		32° d belo		32° o belov		28° delo		24° o belov		20° d belo		l6° o		below	below	below	below	below
_	Highest	Date	Lowest	Date	Date	Temp.	Date	Тетр.	Date	Тешр.	Date	Тетр.	Date	Тетр.	Date	Temp.	Date	Temp.	Date	Тещр	Date	Тетр.	Date	Тешр.	16° or	20° or	2 <b>4°</b> or	28° or	32° or
ABERDEEN PHILLIPS FIELD ANNAPOLIS U S N ACADEMY ANNAPOLIS 2 WNW BALTIMORE SLEDDS PT BALTIMORE WB AIRPORT	101 95 98 101 100	8- 2 8-20 7-22+ 7-22+ 8- 2	2 8 5 6		2-14 2-12 2-14 2-14 2-14	7 12	2-25 2-14 2-14 3-27 3-8	7 20		23	3-29	23	4~ 8 4- 8	31 31 31	11- 8 11-26 - 11- 6 11- 6	30	11-28 11-21 11-21	20 25 28	11-28 11-27 11-29	20 22 12	11-28 11-29 11-29	20 10 12	12-16 11-29 11-29	16 10 12	307 288 288	288 247	246 245 245	245 237 237	
BALTIMORE WB CITY BALTIMORE PARKVILLE BELTSVILLE BELTSVILLE PLANT STA 1 BELTSVILLE PLANT STA 2	101 100 100 100	8- 2 8- 3 8- 3 8- 3	10 3 - 1 1 - 1		2~13 3~ 8 2~25 3~ 8 3~ 8	14 16 14	2-14 3-27 3-27 3-29 3-29	20 19	3-28 3-28 4- 8 3-31 3-31	21 24	3-29 3-29 4- 8 4- 8 4- 8	26 21 28	4-10 4- 9	31 32 32	11- 9 11- 6 10-23 10-23 10-23	32 30 30	11- 9 11- 6 11- 6	26 24 26	11-29 11- 6 11-25	13 24 24	11-29 11-27 11-27	13 19 20	11-29 11-29 11-29	13 14 12	266 277 266	247 245 243	212 239	225 212 212	159 196 197
BELTSVILLE PLANT STA 3 BELTSVILLE PLANT STA 4 BELTSVILLE PLANT STA 5 BELTSVILLE PLANT STA 6 BENSON POLICE BARRACKS	101 101 99 101 98	8-3 8-3 8-3 7-22+	2 3 - 1 4 3	1-28 2- 3 2- 3 1-28+ 2- 3	3- 8 2-14 3- 8 2-14	11	3-29 3-27 3-29 3-8	19 18	3-29 3-28 3-31 3-29	24 23			4-8 4-10 4-8	31 31 32	10-23 10-23 10-23 10-23 10-23	32 29 32	11- 6 11- 1 11- 6	27 27 27	11-27 11- 6 11-27	24 23 22	11-29 11-27 11-29	12 18 12	11~29 11-29 11~29	12 10 12	288 266	247 252	244 220	222 206	198 196
BENTLEY SPRINGS 1 WNW BETHESDA NAT INST HLTH BITTINGER 2 NW BLACKWATER REFUGE BOYDS 2 NW	99 100 90 98 100	8- 2 8- 2 8- 4 8- 2+ 8- 1+		12-22	3-8 2-14 3-28 2-14 3-8	11 14	3-27 3-27 3-30 2-14 3-27	19 18 14	3-29 3-27 4- 8 2-19 3-28	19 22 24	4- 8 3-31 4- 8 3-27 3-29	28 22 26	4- 5 5-18 3-28	31 32 29	10-23 10-23 10-22 11- 1 10-31	30 26 32	11- 6 10-22 11- 6	28 26 28	11-27 11 4 11-29	21 23 21	11-29 11-17 12- 7	12 20 18	11-29 11-28 12-16	12 5 16	288 245 305	232	245 210 283	220 197 224	201 157 218
BRIGHTWOOD DC CAMBRIDGE 4 W CENTREVILLE CHARLOTTE HALL 2 ESE CHELTENHAM 1 NW	99 98 98 97 99	8- 3 7-22 7-22 8- 6 7-23	7 8 5 6 4		2-15 2-14 2-25 2-14 2-14	10 13 11	2-15 2-14 2-25 3-27 3-8	10 13 20	3-27 3-27 3-27 3-29 3-29	23 24	3-29 3-28 3-31 3-29 4-8	26 25 24	3-31 4- 9 4- 8	29 32 32	11- 6 11- 6 10-23 10-23 10-23	27 30 32	11- 6 11- 8 11- 6	27 28 27	11-27 11-25 11-29	24 23 10	11-29 11-29 11-29	19 18 10	12-16 12-13 11-29	16 15 10	305 291 288	288 277 247	245 243 245	222 222	220 197 198
CHESTERTOWN CHEWSVILLE BRIDGEPORT CLEAR SPRING COLEMAN COLLEGE PARK	100 101 104 101 101	7-22 8- 2+ 8- 2 7-22 8- 2+	4 2 2 5 2	2-3	2-14 3- 8 3-27 3- 8	16 16 -	3-8 3-27 3-27 - 3-27	18 16	3-27 3-28 3-28 3-27 3-29	23 23 23	3-29 3-31 3-29 3-28 4- 5	25 26 27	4- 8 3-31 3-29	31 32 30	11- 6 10-23 10-23 11- 5 10-23	32 32 32	11- 1 10-31 -	27 27 -	11- 6 11- 9 11-29	23 24 16	11-29 11-28 11-29	13 20 16	11-29 11-29 11-29	13 12 16	266 247 -	247 246	223 226 247	215 216 -	198 206 221
CONOWINGO DAM CONOWINGO POLICE BRKS CRISFIELD CUMBERLAND CUMBERLAND POLICE BRKS	100 100 94 98 98	7-22+ 8- 6 7-22 8- 5 8- 3+	12 12 1		2-25 3-8 2-4 3-8	15 14	3- 8 3-27 2-14 3-28	20 19	3-29 3-29 3-8 3-28	24	3-31 3-29 3-27 3-31	22 26	4- 9 3-28	31 30	11- 8 10-23 11-27 10-23 9-13	31 32 31	11-9 11-29 10-31	25 22 28	11-21 11-29	24 22 21	11-29 12-16 11-28	10 20 17	11-29 None 11-29	10 12	266 266	247 305	237 266	225 247	197 244
DALECARLIA RESERVOIR DC DENTON DISTRICT HEIGHTS DUNDALK EASTON	100 98 99 101 98	7 - 4+ 7 - 22+ 7 - 22	6 5 5 6 7	2-3 2-3 2-3 2-3 2-3	2-14 2-14 2-14 2-14 2-14	9 13 16	3- 8 3- 8 2-14 2-14 2-14	20 13 16	3-29 3-29 3-27 3-27 3-27	23 21	3-31 3-31 3-29 3-28 3-28	27 28 27	4- 9 3-30 3-29	32 32 29	11-6 10-23 11-6 11-10 11-9	29 31 32	11-6 11-26 11-29	28 28 17	11-25 11-28 11-29	23 19 17	11-29 11-28 11-29	16 19 17	11-29 11-29 12-16	16 14 16	288 288 305	266 287 288	241 246 247	220 242 246	197 221 226
EASTON POLICE BRKS ELKTON EMMITSBURG FORT GEORGE G MEADE FREDERICK POLICE BRKS	96 102 98 100 100	8- 2	7 1 1 - 1 2	1~28+	2-13 2-14 3- 8 3- 8 3- 8	7 16 15	2-13 3-8 3-27 3-8 3-8	18 19 15	3-29 3-28	22 24 23 22	3-30 4- 5 3-29 4- 8 3-30	25 26 27	4-8 5-18	30	11- 6 10-23 11- 6 10-23 10-31	29 30	11- 8 11- 1	28 28	11-28 11- 6	21	11-29 11-27	12 19	11-29  11-29	12 10	266 266	247 264	245 220	224	212
FREDERICK WE AIRPORT FROSTBURG GLENN DALE BELL STA GREENBELT HAGERSTOWN	99 94 100 102 100	8- 2+ 8- 5 7-22+ 7- 6 8- 5	- 6	1-28 1-28+	2-14 3-28 3- 8 2-15 2-14	15 15 2	3-8 3-29 3-29 3-8 3-27	2 20 17	3-28 3-31 3-31 3-27 3-28	24 24 21	4- 5 4- 8 4- 5 3-31 3-30	26 27 27	4-8 4-8 4-5	26 32 29	10-23 10-22 10-23 10-23 10-23	29 29 30	10-31 11- 1 11- 9	28 28 28	11- 6 11- 6 11-27	24 24 20	11-27 11-27 11-27	19 18 20	11-28 11-29 11-29	10 10 12	245 266 287	243 243 264	220 220 245	206 210 223	197 198 201
HANCOCK FRUIT LAB KEEDYSVILLE LA PLATA LAUREL 3 W LEONARDTOWN 4 SSW	99 103 98 99	8- 6 8- 2+ 7-22+ 7-22+ 8- 6		2- 3	3- 8 3- 8 2-14 2-14 2-14	16 4 16	3-27 3-27 2-19 3-8 3-8	20 20 19	3-31 3-31 3-29 3-28 3-27	24 23	4- 5 4- 5 3-31 3-29 3-31	27 26 26	3-30	27 32 32	10-22 10-27 10-23 11- 6 11- 9	32 30 31	11- 1 11- 6 11-27	27 27 28	11-6 11-25 11-28	23 24 23	11-29 11-27 11-29	15 19 15	11-29 11-29 11-29	15 9 15	266 288 288	247 281 266	220 241 245	210 220 243	205 197 221
MIDDLE RIVER MILLINGTON NATIONAL ARBORETUM DC OAKLAND 1 SE OCEAN CITY	98 101 101 93 106	7-23 7-22 8- 2 8- 4 8- 2	5 1 7 ~26 11	2- 3 2- 5 2- 3 1-28 2-13	3-27 2-25 2-14 3-28 2-14	15 10	3-27 3-8 2-14 3-31 3-8	19 10 17	3-29 3-27 3-27 4- 8 3- 8	24 23	3~29 3~31 3~28 5~18 3~28	26 27 27	4- 9 3-29 5-19	32 30 31	11- 6 10-23 11- 6 9-21 11- 6	30 31 32	11-9 11-27 10-22	27 26 23	11-25 11-29 10-22	23 16 23	11-29 11-29 11- 1	16 16 20	11-29 11-29 11- 6	16 16	277 288	266 288 215	243 247	223 244 157	197 222 125
OWINGS FERRY LANDING PARKTON 2 SW PICARDY PIKESVILLE POLICE BRKS POCOMOKE CITY 4 SW	100 100 98 100 95	7-22 8- 2 7-22+ 7-22+ 7-18+	7 - 1 - 5 3 8	2- 3 2- 3 2- 5 2- 3 2- 3	2-14 3- 8 3-27 3- 8 2-14	12 16 12	2-25 3-27 3-28 3-28 3-8	19 19 20	3-27 3-29 3-29 3-28 3-8	21 22 20	3~29 4~ 8 3~30 3~29 3~31	28 26 25	4-8 4-30 4-8	28 30 30	11- 6 10-23 10-22 11- 6 10-23	29 30 31	11- 6 10-23 11-18	26 28 28	11- 8 10-31 11-29	24 24 13	11-27 11-10 11-29	20 18 13	11-28 11-29 11-29	12 10 13	265 247 266	245 227 246	224 216 246	212 207 234	198 175 212
PRESTON 1 S PRINCE FREDERICK PRINCESS ANNE 1 E RANDALLSTOWN POL BRKS RIVERDALE	97 98 96 98	7- 4+ 7-22 7-28 7-22+	7 4 4 1	2- 3 1-31 1-31 2- 3	2-14 2-14 2-14 3-8	8 7	2-14 3- 8 3- 8 3-27	20 19	3-27	24 22 22 22 22	3-29 3-29 4- 9 4- 8	25 28	5-18	30	11- 6 10-23 10-23 11- 6	30 27	11-25 10-23	26 27	11-27 11- 9	23 23	11-29 11-27	10 18	11-29 11-29	10 16	288 288	266 264	245 225	241 197	198 158
ROCK HALL 3 N ROCKVILLE ROYAL OAK SALISBURY SALISBURY SALISBURY POLICE BRKS	98 100 96 96 97	7-22 8- 2+ 7-22 7-18 7-17+	5 6 8 7 7	2- 5 1-28+ 2- 3 2- 3 1-31+	2-14 2-14 2-14 2-14 2-14	13 13 12	2-25 3- 8 2-14 2-14 3~ 8	20 13 12	3-27 3-28 3-27 3-8 3-29	24 24 22	3-31 3-29 3-29 3-29 3-31	25 28 28	4-9	32 31 29	11- 8 11- 6 11- 8 10-23 10-23	29 32 31	11- 8 11-21 11-25	27 28 27	11-29 11-29 11-27	13 16 24	11-29 11-29 11-29	13 16 17	11-29 11-29 12-21	13 16 15	288 288 310	266 288 288	246 247 264	224 237 241	222 197
SALISBURY CAA AIRPORT SANDY POINT SAVAGE RIVER DAM SINES DEEP CREEK SNOW HILL	97 93 95 93 97	7- 2 7-22+ 8- 4 8- 4 7-18+	7 8 - 7 -17 8	2- 3 2- 3 1-28+ 1-28 2- 3	2-14 2-14 3-28 3-29 2-14	16 16	3-8 2-14 3-29 3-31 3-8	13 19 20	3-27 3-8 3-31 3-31 3-27	23 24 20	3~28 3~29 3~31 4~10 3~29	28	3-29 4- 9	28 32	10-23 11- 6 10-22 10- 9 10-23	32	11-27 10-31	28 28	11-29 11- 6	15 22	11-29 11-10	15 20	11-29 11-29	15 11	288 246	288 226	266 220	243 214	222 196
SOLOMONS STEVENSVILLE I W TAKOMA PARK MISS AVE TONOLOWAY TOWSON	98 98 97 99 100	7-22 7-22 7-22+ 8- 4 8- 2	11 8 5 - 2 2	2- 3 2- 3 2- 3 2- 3 2- 3	2-13 2-14 2-14 2-14 3-8	16 10 10	2-14 2-14 3-27 3-28 3-27	16 20 19	3-27 3-28 3-27 3-30 3-29	22 20 24	3~28 3~28 3~29 4~ 5 3~29	22 25 28	4- 8 5-18	31 32	11-26 - 11- 6 10-22 10-23	28 29	11- 6 10-23	28 26	11-27 11- 1	23 24	11-29 11- 6	13 19	11-29 11-29	14	288 288	288 247 223	245 216	246 222 201	212 157
UNIONVILLE U S SOLDIERS HOME D C VIENNA VIERS MILL WALDORF POLICE BRKS	99 98 98 101 100	8- 2+ 8- 3+ 7-18 8- 4 7-22	- 3 7 - 4 3	2- 3+ 1-28+ - 1-28+ 1-28	3-8 2-14 2-14 2-15 3-27	15 13 16	3-27 3-8 2-14 2-25 3-28	20 13 16	4- 5 3-27 3-27 3-28 3-29	21 24 24	4- 5 3-29 3-29 4- 5 3-31	27 26	3-29 3-31	27 29	10-23 11- 6 11- 6 10-25 10-23	30 32	11-26 11- 9	28 28	11-29 11-29	14 17	11-29 11-29	14 17	11-29 12-21	14 15	288 310	266 288	247 247	242 225	222
WASHINGTON WE CITY DC WATERLOO POLICE BRKS WESTERN PORT WESTHINSTER WOODSTOCK	100 100 102 99 99	8- 2 8- 3 8- 3 8- 2 8- 2+	9 3 - 1 0	2- 3 1-31 1-28+ 2- 3 1-28+	2-12 3-27 3-27 2-25 3-8	16 16 15	2-14 3-29 3-28 3-27 3-27	18 2 19	3-27 3-29 3-28 3-28 3-28	18 20 22	3~28 4~ 8 3~31 4~ 8 4~ 8	27 25 28	4- 8 4- 8 4- 8	27 31 28	11-21 10-23 10-22 11- 1 10-23	30 32 30	11- 6 11- 1 11- 6	26 27 28	11-10 11- 6 11-26	24 22 24	11-29 11-28 11-29	11 17 11	11-29 11-29 11-29	11 13 11	247 247 277	245 245 247	226 223 243	212 215 212	198 197 207

## TEMPERATURE EXTREMES AND FREEZE DATA

MARYLAND AND DELAWARE 1955

Table 3-Continued

							Las	et spi	ring mi	nim	to mu						Fi	rst fa	all minir	nun	of						ber o: een	
Station					l6° «		20° d		24° d		28° d		32° belo		32° d		28° d		24° c		20° d		l6° d		below	below	below	below
	Higher	Date	Lowest	Date	Date	Тешр.	Date	Тетр.	Date	Temp.	Date	Temp.	Date	Тешр.	Date	Тепр.	Date	Тешр.	Date	Temp.	Date	Тетр.	Date	Тепр.	16° or }	20° or	24° or	28° or
DELAWARE																												
BRIDGEVILLE 1 NW OVER BEORGETOWN 5 SW LEWES LEWES LEWES LEWES LIDDLETOWN 2 S	97 100 99 98 100	7-22+ 7-22+ 7-22 8- 2 8- 2	5 4 6 10	2- 3 2- 3+	2-14 2-14 2-14 2-14 3-8	13 6 11	2-14 2-14 3-8 3-8 3-27	13 19 19	3-29 3-27 3-29 3-29 3-27	23 21 21	3-29 3-29 4- 5 3-29 3-29	27 27 21	3-29 4- 9 4- 9	27 30 31	11- 6 10-23 10-23	32 29 31	11- 9 11- 9 11- 9 11-10 11- 8	28 26 28	11-29 11-25 11-27	17 23 24	11-29 11-29 11-29	17 17 16	12-16 12- 7 11-29	14 16 16	305 296 288	288 266 266	247 241 243	225 218 226
LIFORD LWARK COLLEGE FARM SLBYVILLE LLMINGTON N CASTLE WB AP LLMINGTON PORTER RESVR	102 101 96 101 98	7-22 7-22+ 7-22+ 8- 2+ 7-22+	5 0 7 3	2- 3	2-14 2-25 2-14 2-14 2-14	12 16 10 9	3- 8 3- 8 2-14 3- 8	19 17 10 19	3-27 3-29 3-27 3-27 3-27	24 23 24 23	3-29 3-31 3-28 3-29	25 28 26 27	3~31 4- 9 4- 9 4- 8	32 31 32 32	10-23 10-23 10-23 11-8	28 31 30 31	10-23 11- 8 11- 9 11- 9 11-26	28 28 28 28 28	11- 9 11-25 11-27 11-28	23 24 24 15	11-29 11-29 11-29 11-28	13 12 17 15	11-29 11-29 12-21 11-28	13 12 15 15	288 277 310 287	266 266 288 265	227 241 245 246	208 222 226 225

## TOTAL EVAPORATION AND WIND MOVEMENT

T-1	.1.	
Tax	316	•

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
ELTSVILLE, MD.	EVAP	_	- '	_	· _	B6.83	B5.24	B7.44	B7.18	B3.78	B3.00	_	_	-
	DEP	-	_	_	-	.67	-1.22	.30	.99	96	29	-	i -	-
•	WIND	-	-	-	-	1240	1225	828	1441	944	940	-	-	-
AVAGE RIVER DAM, MD,	EVAP	-		_	i -	B7,24	5.34	6.41	B5.56	B4.47	2.57	_	_	_
<i>,</i>	DEP	-	1 - 1	-	l –	_	_				-	ì -	_	-
	WIND		-	-	B2414	2081	1472	1084	1366	1324	1212	-	-	-
SORGETOWN 5 SW, DEL.	EVAP	_	_	-	B3,71	6.15	B6,84	B7,29	B5,53	3,54	B3,03	-	_	
•	DEP	-	-	-	_	1 -	_	-	_	-	_	-	-	l
•	WIND	-	-	_	B1760	1291	1394	B 886	1039	923	1089	-	l –	i -

# † CHANGES IN STATION NAMES

NEW NAME

BENTLEY SPRINGS 1 WNW, MD. COLEMAN 3 WNW, MD.

OLD NAME

BENTLEY SPRINGS, MD. COLEMAN, MD

DATE

May December 1955 1955

### RELOCATIONS

CENTREVILLE, MD.
COLEMAN 3 WNW
EDGEMONT, MD.
FREDERICK 3 E, MD.

MIDDLETOWN 2 S, DEL.

All equipment moved 60 feet SE All equipment moved 75 feet N Rain gage moved 120 feet NE Rain gage moved 60 feet SE

All equipment moved 0.2 mile S

September 29, 1955 April 1, 1955 June 1, 1954 September 1, 1954

October 1, 1955

								eats SCOIC		or c	enec lose	à	D . f									1	ars of	0	Opene r clos	ed	
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	47	Month		Refer to ables		Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	-	mondo penedo the Month		Refer to tables
MARYLAND			П						Γ					Ī										1			
ABERDEEN PHILLIPS FIELD ANNAPOLIS USN ACADEMY ANNAPOLIS 2 WNW BALTIMORE SLEDDS POINT BALTIMORE WB AIRPORT	0185 0193 0460	HARFORD ANNE ARUNDEL ANNE ARUNDEL BALTO CITY ANNE ARUNDEL	1 3	39 28 38 59 38 59 39 12 39 11	76 10 76 29 76 31 76 34 76 40	62 40 65 135 146	37 90 5 7 21	90 5 7				1 1 1	2 3 2 3 2 3 2 3 2 3 C		MERRILL MIDDLE RIVER MILLINGTON NEW GERMANY OAKLAND 1 SE	5916 5985 6406	GARRETT BALTIMORE KENT GARRETT GARRETT	1 5	39 36 39 18 39 15 39 38 39 24	79 05 76 25 75 50 79 07 79 24	15 27	6 58 7 58	4 6 58 7 58			1	2 1 2 3 1 2 3 I 2 3 C
#BALTIMORE WB CITY BALTIMORE PARKVILLE BELTSVILLE BELTSVILLE PLT STA 1 BELTSVILLE PLT STA 2	0475 0700 0701	BALTO CITY BALTIMORE PRINCE GEORGE PRINCE GEORGE PRINCE GEORGE	1 5 5	39 17 39 23 39 02 39 02 39 02	76 37 76 32 76 53 76 56 76 56	14 305 120 160 136	85 8 18 7 7	l 8	15			. 1	2 3 C 2 3 2 3 4 C 2 3 2 3		OCEAN CITY OWINGS FERRY LANDING PARKTON 2 SW PERRY POINT PICARDY	6770 6844 6960	WORCESTER CALVERT BALTIMORE CECIL ALLEGANY	4 1 1	38 20 38 42 39 38 39 33 39 33	75 05 76 41 76 42 76 04 78 30	17 120 500 40 1030	7 39 3	7 39 3			1	1 2 3 1 2 3 1 2 3 C
BELTSVILLE PLY STA 3 BELTSVILLE PLT STA 4 BELTSVILLE PLT STA 5 BELTSVILLE PLT STA 6 BENSON POLICE BARRACKS	0704 0705 0706	PRINCE GEORGE PRINCE GEORGE PRINCE GEORGE PRINCE GEORGE HARFORD	5 5	39 02 39 02 39 01 39 01 39 30	76 56 76 56 76 57 76 57 76 23	200 265 100 215 365	7 7 7 8	7 7 7 7 8				1 1 1	2 3 2 3 2 3 C 2 3 2 3		PIKESVILLE POLICE BARRACKS POCOMOKE CITY 4 SW PRESTON 1 S PRINCE FREDERICK PRINCESS ANNE I E	7140 7310 7325	BALTIMORE WORCESTER CAROLINE CALVERT SOMERSET	1	39 23 38 01 38 42 38 32 38 12	76 43 75 37 75 55 76 35 75 40	500 8 50 140 17	8 7 7 3 7	8 7 7 3			1	1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
†BENTLEY SPRINGS 1 WNW BETHESDA BETHESDA NAT INST HEALTH BITTINGER 2 NW BLACKWATER REFUGE	0795 0800 0881	BALTIMORE MONTGOMERY MONTGOMERY GARRETT DORCHESTER	5 5 7	39 41 38 58 39 00 39 37 38 26	76 42 77 07 77 06 79 15 76 08	730 320 310 2700	7 5 3 15					1	2 3 C 2 3 2 3 2 3		RANDALLSTOWN POLICE BRKS RIVERDALE ROCK HALL 3 N ROCKVILLE ROYAL GAK	7615 7700 7705	BALTIMORE PRINCE GEORGE KENT MONTGOMERY TALBOT	5	39 23 38 58 39 11 39 05 38 43	76 50 76 56 76 14 77 09 76 11	20	8 9 42 8	8 42 8 8		MJ	1	1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
BOYDS 2 NW BRIGHTON DAM BROOKDALE. BURNT MILLS RESERVOIR CAMBRIDGE 4 W	1125 1170 1278	MONTGOMERY MONTGOMERY MONTGOMERY MONTGOMERY DORCHESTER	5	39 12 39 12 38 57 39 02 38 34	77 20 77 01 77 06 77 00 76 09	580 350 260 220	61	10 10 10 10					2 3 2 2 2 3 2		SALISBURY SALISBURY POLICE BRKS SALISBURY CAA AIRPORT SANDY POINT SAVAGE RIVER DAM	8003 8005 8030	WICOMICO WICOMICO WICOMICO ANNE ARUNDEL GARRETT	1 1 1	36 22 36 25 38 20 39 01 39 31	75 36 75 34 75 30 76 24 79 08	10	49 8 8 4 5	49 8 8 4	5		1	1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 4 C
CENTREVILLE CHARLOTTE HALL 2 ESE CHELTENHAM 1 NW CHESTERTOWN CHEWSVILLE BRIDGEPORT	1685 1710 1750	QUEEN ANNES ST MARYS PRINCE GEORGE KENT WASHINGTON	4	39 03 38 28 38 44 39 13 39 38	76 04 76 45 76 51 76 04 77 41	30 167 230 35 560	34 55 50 58	55 50				1 1 1	2 3 2 3 2 3 2 3 2 3		SHALLMAR SINES DEEP CREEK SNOW HILL SOLOMONS STEVENSVILLE 1 W	8315 8380 8405	GARRETT GARRETT WORCESTER CALVERT QUEEN ANNES	7 1	39 23 39 31 38 10 38 19 38 59	75 24 76 27	16 20	31 40 64 4	6 31 40 64 4			1	2 1 2 3 ¢ 1 2 3 1 2 3 1 2 3
CLEAR SPRING †COLEMAN 3 WNW COLLEGE PARK CONOWINGO DAM CONOWINGO POLICE BARRACKS	1980 1995 2060	WASHINGTON KENT PRINCE GEORGE HARFORD HARFORD	5	39 40 39 21 38 59 39 39 39 39	77 54 76 08 76 56 76 10 76 11	560 78 70 49 195	56 58 69 20	69 20				1 1	2 3 2 3 2 3 C 2 3		TAKOMA PARK MISS AVE TONOLOWAY TONSON UNIONVILLE VIENNA	8855 8877 9030	MONTGOMERY WASHINGTON BALTIMORE FREDERICK DORCHESTER	3	38 59 39 40 39 24 39 27 38 29	77 00 78 15 76 36 77 11 75 50	415 430	18	11 31 43 14 7	ļ		1	1 2 3 1 2 3 1 2 3 1 2 3 C
CRISFIELD CUMBERLAND CUMBERLAND POLICE BARRACKS DENTON DISTRICT HEIGHTS	2280 2285 2523	SOMERSET ALLEGANY ALLEGANY CAROLINE PRINCE GEORGE	5	37 59 39 39 39 39 38 53 38 51	75 51 78 45 78 49 75 50 76 54	5 945 880 *20 272	36 85 8 4	8				1 1 1	2 3 2 3 2 3 2 3 2 3		VIERS MILL WALDORF POLICE BARRACKS WATERLOO POLICE BARRACKS WESTERN PORT WESTMINSTER	9314 9405	MONTGOMERY CHARLES HOMARD ALLEGANY CARROLL	5	39 03 38 39 39 10 39 29 39 35	77 05 76 53 76 47 79 02 77 00	300 210 230 1000 770	6 8 62 46	6 8 8 62 46			1	1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
DUNDALK EASTON EASTON POLICE BARRACKS EDGEMONT ELKTON	2695 2700 2770	BALT IMORE TALBOT TALBOT WASHINGTON CECIL	1	39 16 38 46 38 46 39 40 39 36	76 31 76 04 76 01 77 33 75 50	28 60 905 28	7 65 29	17				1	2 3 · 2 3 · 2 3 2		WILLIAMSPORT WOODSTOCK DISTRICT OF COLUMBIA	9750	WASHINGTON BALTIMORE	3	39 37 39 20	77 51 76 53	360 415	86	17 86				2 3
EMMITSBURG FORT GEORGE G MEADE FREDERICK POLICE BARRACKS FREDERICK WB AIRPORT FREDERICK 3 E	3230 3348 3350	FREDERICK ANNE ARUNDEL FREDERICK FREDERICK FREDERICK	5	39 41 39 07 39 25 39 25 39 25	77 21 76 46 77 26 77 23 77 22	720 195 380 294 385	89 14 8 12	89 14 8 12 7	,			1 1 1	2 3 2 3 2 3 2 3 C	*	BRIGHTWOOD DALECARLIA RESERVOIR NATIONAL ARBORETUM U S SOLDIERS HOME WASHINGTON WB CITY	1135 2325 6350 9035 9290		5	38 56 38 56 38 54 38 56 38 54	77 01 77 07 76 58 77 01 77 03	260 146 70 230 72	10 10 10 85	10 10 10 85			1	1 3 1 2 3 1 2 3 1 2 3 C
FROSTBURG GLEN ECHO GLENN DALE BELL STATION GRANTSVILLE GREENBELT	3645 3675 3795	ALLEGANY MONTGOMERY PRINCE GEORGE GARRETT PRINCE GEORGE	5 4 4	39 39 38 58 38 58 39 42 39 01	78 56 77 09 76 48 79 09 76 52	2035 150 151 2380 200	54 35 9	54 35 9				1	2 3 C 2 3 C 2 3	1	DELAWARE  BRIDGEVILLE 1 NW  DOVER GEORGETOWN 5 SW  LAUREL 2 SW  LEWES	2730 3570 5217	SUSSEX KENT SUSSEX SUSSEX SUSSEX	2 1 1	38 45 39 10 38 38 38 32 38 46	75 37 75 32 75 26 75 34 75 08	50 34 45 33 10	65 68 10	65 67 10	2		1	1 2 3 1 2 3 1 2 3 4 C
HAGERSTOWN HANCOCK FRUIT LABORATORY KEEDYSVILLE LA PLATA LAUREL 3 W	4030 4780 5080	WASHINGTON WASHINGTON WASHINGTON CHARLES PRINCE GEORGE	5 3	9 39 9 42 9 29 8 32 9 06	77 44 78 11 77 42 76 58 76 54	660 428 420 175 400	14 22 52 41 65	14 22 52 41 65				1	2 3 C 2 3 C 2 3 2 3		MIDDLETOWN 2 S MILFORD NEWARK COLLEGE FARM SELBYVILLE WILMINGTON N CASTLE WB AP	58 52 5915 6410 8269	NEW CASTLE SUSSEX NEW CASTLE SUSSEX NEW CASTLE	2 2 2 2	39 25 38 55 39 39 38 28 39 40	75 42 75 26 75 46 75 13 75 36	60 10 110	4 60 43 2	4 60 43 2			1111111	1 2 3 1 2 3 1 2 3 1 2 3
LEONARDTONN & SSW LOCH RAVEN DAM LUKE	5340	ST MARYS BALTIMORE ALLEGANY	1 3	38 15 39 26 39 29	76 39 76 33 79 03	20 190 950	21	21 6 18				1	2 3 C 2 2 C		WILMINGTON CITY HALL WILMINGTON PORTER RESERVOIR	9600	NEW CASTLE	2	39 45 39 46	75 33 75 32	99 274	44	62 44			1	2

† 1-CHESAPEAKE; 2-COASTAL; 3-PATAPSCO; 4-PATUXENT; 5-POTOMAC; 6-SUSQUEHANNA; 7-YOUGHIOGHENY

#### REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Yeather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the 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 12 338, indicate distance in alles and direction from the Post Office.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

- No record.

  Also later date (dates) or months.

  Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

  Adjusted to full month.

  Base for recorder stations denoted by "C" are processed for special purposes and published in Bourly Precipitation Data. Length of record for recorder-only stations may be found in the Annual issue of Bourly Precipitation Data.

  Base in the Annual issue of Bourly Precipitation Data.

  Base in the Annual issue of Bourly Precipitation Data.

  Base in the Annual issue of Bourly Precipitation Data.

  Could in the Annual issue of Bourly Precipitation Data.

  Base in the Annual issue of Bourly Precipitation Data is entered. Less than 10 days of record are missing; see monthly Climatological Data for detailed daily record.

  Base in the Annual is the Coupled See Chapter Chapter Bourla Precipitation Data).

  There, an amount too mail to assume.

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to any Weather Bureau Office or to the State Climatologist at the Weather Bureau Airport Station, Friendship International Airport, Saltimore, Maryland.

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