

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

MARYLAND AND DELAWARE

ANNUAL SUMMARY 1955

Volume LIX No. 13



ASHEVILLE: 1956

## 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 Bittering 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 Bittering 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

## WEATHER SUMMARY (Continued)

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.

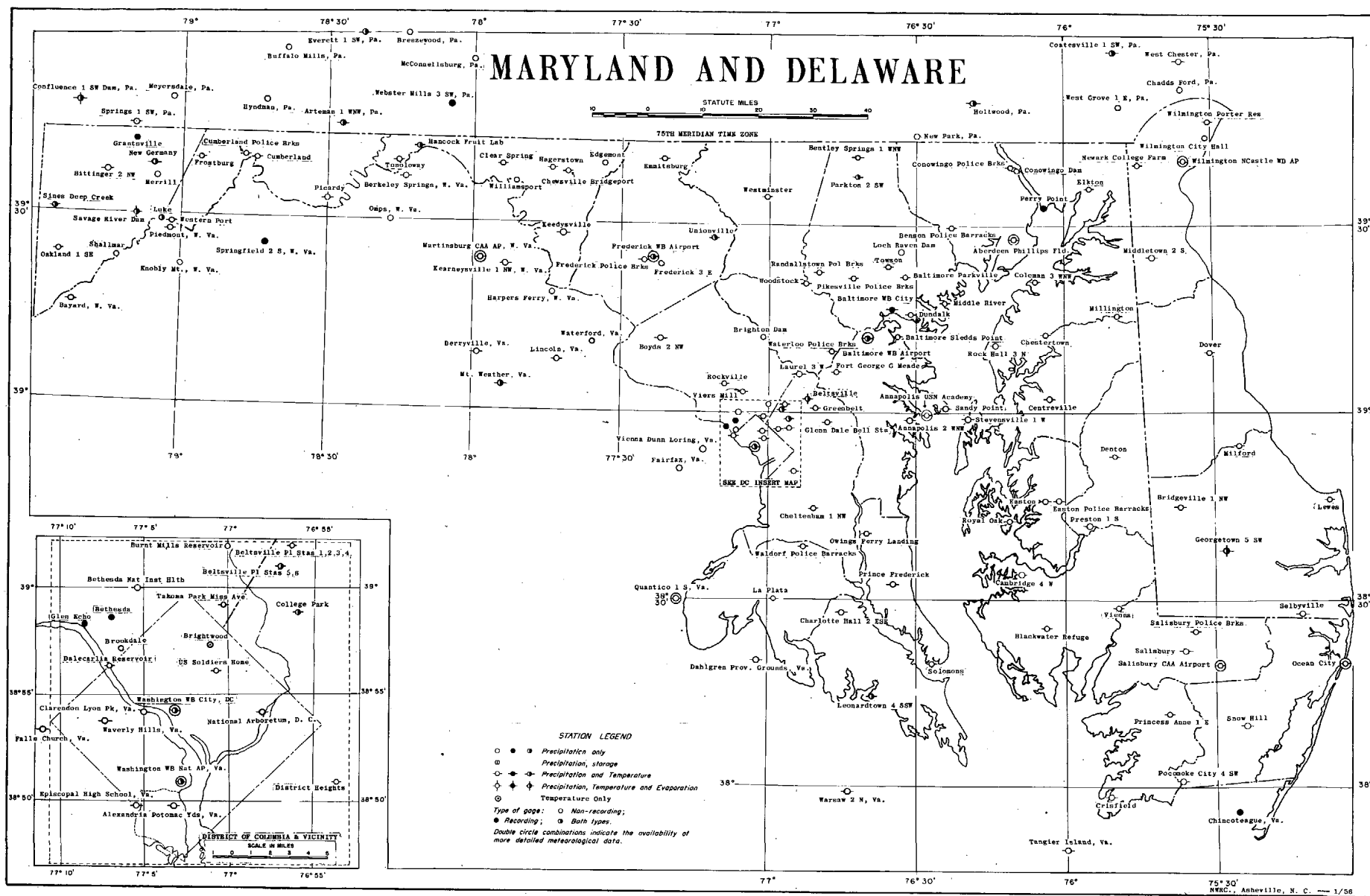
Following up "Connie" and "Diane" was hurricane "Ione", which flirted with the southern Maryland and Delaware borders on September 19-20th before ambling out to sea. No damage was reported in either State as a result of this storm. More detailed descriptions of these hurricanes may be found in the August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

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

J. M. Mitchell, Jr.



# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE  
1995

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
MARYLAND																										
ABERDEEN PHILLIPS FLD	32.7	+4	34.3	+9	44.4	+2.1	55.3	+3.8	65.6	+3.2	68.9	-2.5	81.5	+5.9	78.2	+4.4	67.9	-2	58.7	+2.5	43.4	-2.1	30.5	-4.4	55.1	+1.1
ANNAPOLIS U S N ACADEM	34.9	+5	35.1	+2	46.0	+2.6	56.7	+3.6	66.3	+2.3	70.0	-3.0	81.7	+4.4	78.3	+2.5	70.2	+0	60.4	+2.3	46.0	-1.1	33.2	-3.9	56.6	+1.0
ANNAPOLIS 2 WNW	33.5	+3	35.3	+6	46.2	+2.6	56.6	+3.6	65.1M	+2.3	68.2	-3.0	81.0	+4.4	77.7	+2.5	67.8M	+0	58.3	+2.3	43.4	-2.1	30.5	-4.4	55.1	+1.1
BALTIMORE SLEDOGS PT	34.0	+3	35.8	+6	46.9	+2.6	57.3	+3.6	66.0M	+2.3	68.5	-3.0	81.6	+4.4	78.5	+2.5	69.3	+0	58.3	+2.3	43.4	-2.1	30.5	-4.4	55.1	+1.1
BALTIMORE WB AIRPORT	32.5	-1.9	34.4	+6	44.9	+1.7	55.9	+3.5	65.2	+2.3	68.5	-3.7	81.2	+4.9	78.1	+3.7	68.2	+3	58.3	+1.8	43.1	-2.5	31.3	-4.4	55.1	+4
BALTIMORE WB CITY	34.9	-1.7	37.6	+3	47.1	+1.8	58.7	+4.4	67.9	+2.6	71.5	-2.8	83.5	+5.0	79.2	+2.8	69.2	-1.2	60.3	+1.0	44.8	-3.9	33.9	-4.9	57.4	+3
BALTIMORE PARKVILLE	32.4	+3	35.1	+6	45.0M	+1.8	55.0	+3.4	64.9M	+1.9	68.0	-4.8	80.0	+4.5	77.0	+3.7	66.8M	-2	56.5	+1.1	41.9	-3.5	30.2	-4.9	53.7	+1
BELTSVILLE PLANT STA 1	31.6	-1.8	32.9	+4	44.1	+1.8	54.8	+3.4	63.8	+2.3	66.0	-4.8	78.0	+4.5	74.0	+3.7	64.0	-2	54.0	+1.1	41.9	-3.5	30.2	-4.9	53.7	+1
BELTSVILLE PLANT STA 2	31.0	-2.4	32.4	+4	44.1	+1.8	54.5	+3.2	63.2	+2.3	65.8	-4.8	78.8	+4.5	76.4	+3.7	66.0	-2	56.5	+1.1	41.9	-3.5	30.2	-4.9	53.7	+1
BELTSVILLE PLANT STA 3	32.1	-3.8	33.8	+5	45.3	+2.2	55.6	+3.6	64.7	+2.7	69.9	-1.6	82.0	+5.8	78.6	+3.0	69.4	+1.0	60.1	+3.4	45.4	-1.0	31.8	-4.1	56.2	+1.6
BELTSVILLE PLANT STA 4	32.5	-3.4	34.1	+6	44.3	+1.8	55.0	+3.4	64.0	+2.7	69.9	-1.6	82.0	+5.8	78.6	+3.0	69.4	+1.0	60.1	+3.4	45.4	-1.0	31.8	-4.1	56.2	+1.6
BELTSVILLE PLANT STA 5	31.3	-4.0	32.6	+4	44.3	+1.8	55.0	+3.4	64.0	+2.7	69.9	-1.6	82.0	+5.8	78.6	+3.0	69.4	+1.0	60.1	+3.4	45.4	-1.0	31.8	-4.1	56.2	+1.6
BELTSVILLE PLANT STA 6	32.7	-3.4	34.1	+6	44.3	+1.8	55.0	+3.4	64.0	+2.7	69.9	-1.6	82.0	+5.8	78.6	+3.0	69.4	+1.0	60.1	+3.4	45.4	-1.0	31.8	-4.1	56.2	+1.6
BENSON POLICE BARRACKS	31.3	-4.0	32.6	+4	44.3	+1.8	55.0	+3.4	64.0	+2.7	69.9	-1.6	82.0	+5.8	78.6	+3.0	69.4	+1.0	60.1	+3.4	45.4	-1.0	31.8	-4.1	56.2	+1.6
BENTLEY SPRINGS 1 WNW	28.5	-11.3M	31.3M	+4.2	42.2	+5.6	52.7	+6.5	62.7	+7.2	72.2	+8.0	82.4	+8.8	78.5M	+1.1	68.5M	-1.7	59.3	+3	46.1M	-1.9	33.7	-4.6	56.2	+4
BETHESDA NAT INST HLTH	33.4M	+3.4	36.4	+6.4	46.0	+3.5	57.3	+9.7	66.3	+2.1	69.5	-2.6	81.2	+5.3	79.9	+5.5	70.1	+1.3	59.3	+0	45.7	-2.3	31.6	-6.1	57.3	+1.2
BITTINGER 2 N W	23.1	-28.8	28.8	+37.6	37.6	+3.5	51.2	+58.8	59.3	+5.5	68.7	+6.3	79.2	+7.9	75.8	+5.5	66.2M	+0	57.3	+1.8	41.8	-2.1	31.2	-4.7	54.9	+1
BLACKWATER REFUGE	33.3	-4.1	38.3	+1.3	48.6	+3.5	58.3M	+9.7	68.3	+2.1	69.5	-2.6	81.2	+5.3	79.9	+5.5	70.1	+1.3	59.3	+0	45.7	-2.3	31.6	-6.1	57.3	+1.2
BOYDS 2 NW	31.9	-3.4	35.4	+4.8	44.8	+1.8	54.8	+3.4	63.8	+2.3	66.0	-4.8	78.0	+4.5	74.0	+3.7	64.0	-2	54.0	+1.1	41.9	-3.5	30.2	-4.9	53.7	+1
BRIGHTWOOD DC	34.7	-2.1	35.3	+4.7	46.6	+2.4	57.4	+2.9	65.3M	+2	68.3	-5.0	80.0	+2.4	77.0	+1.1	68.5M	-1.7	59.3	+3	46.1M	-1.9	33.7	-4.6	56.2	+4
CAMDEN 3 W	34.0	-2.1	36.4	+4.7	47.2	+2.6	56.8	+4.6	65.0	+2.7	69.9	-1.6	82.0	+5.8	78.6	+3.0	69.4	+1.0	60.1	+3.4	45.4	-1.0	31.8	-4.1	56.2	+1.6
CENTREVILLE	34.7	-2.1	36.4	+4.7	47.2	+2.6	56.8	+4.6	65.0	+2.7	69.9	-1.6	82.0	+5.8	78.6	+3.0	69.4	+1.0	60.1	+3.4	45.4	-1.0	31.8	-4.1	56.2	+1.6
CHARLOTTE HALL 2 ESE	34.1	-2.1	36.4	+4.7	47.2	+2.6	56.8	+4.6	65.0	+2.7	69.9	-1.6	82.0	+5.8	78.6	+3.0	69.4	+1.0	60.1	+3.4	45.4	-1.0	31.8	-4.1	56.2	+1.6
CHELSEHAM 1 NW	32.4	-2.1	34.1	+4.7	46.1	+1.5	56.4	+2.7	64.5	+0.8	67.2	-4.3	79.9	+4.1	76.7	+2.8	67.7	-1.7	57.9	+8	44.4	-1.7	31.4	-4.7	54.9	+1
CHESTERTOWN	33.6	+5	35.9	+2.7	45.5	+2.2	56.0	+3.6	66.3	+2.7	69.9	-1.6	82.0	+5.8	78.6	+3.0	69.4	+1.0	60.1	+3.4	45.4	-1.0	31.8	-4.1	56.2	+1.6
CHEWESVILLE BRIDGEPORT	31.1	-3.3	33.7	+4.2	44.2	+1.8	54.0	+3.2	63.7	+2.3	66.0	-4.8	78.0	+4.5	74.0	+3.7	64.0	-2	54.0	+1.1	41.9	-3.5	30.2	-4.9	53.7	+1
CLEAR SPRING	31.8	-3.6	34.5	+3.8	44.0	+1.8	54.0	+3.2	63.7	+2.3	66.0	-4.8	78.0	+4.5	74.0	+3.7	64.0	-2	54.0	+1.1	41.9	-3.5	30.2	-4.9	53.7	+1
COLEMAN	34.6	+8	38.8M	+4.8	48.0M	+3.2	58.0	+4.9	67.1M	+3.3	70.5M	-1.6	82.0	+5.8	78.6	+3.0	69.4	+1.0	60.1	+3.4	45.4	-1.0	31.8	-4.1	56.2	+1.6
CUMBERLAND	31.7	-1.3	33.1	+1	44.5	+3.8	57.0	+4.9	64.7	+1.7	65.5	-5.4	77.5	+2.6	72.7	+2.7	65.7	-3	55.7	+1.1	40.2	-2.9	29.9	-4.2	53.2	+2
CUMBERLAND POLICE BRKS	30.9	-1.3	33.1	+1	44.5	+3.8	57.0	+4.9	64.7	+1.7	65.5	-5.4	77.5	+2.6	72.7	+2.7	65.7	-3	55.7	+1.1	40.2	-2.9	29.9	-4.2	53.2	+2
DALECARLIA RESERVOIR D	33.6	+6.7	40.8	+2.3	50.9	+3.7	60.1	+2.3	68.9	+3.2	78.1	+4.5	77.6	+3.1	68.5M	-3	59.1M	+1.7	44.5M	+2.3	31.3M	-5.3	55.9	+6	56.4	+6
DENTON	33.3	-1.7	37.4	+2.5	46.3	+2.3	56.9	+3.7	66.1	+2.3	68.9	+3.2	78.1	+4.5	77.6	+3.1	68.5M	-3	59.1M	+1.7	44.5M	+2.3	31.3M	-5.3	55.9	+6
DISTRICT HEIGHTS	34.3	+7.8	46.7	+7.8	58.1	+5.8	68.8	+6.8	78.1	+6.8	88.1	+7.8	98.1	+8.8	108.1	+9.8	118.1	+10.8	128.1	+11.8	138.1	+12.8	148.1	+13.8	158.1	+14.8
DUNDALK	34.7	+6.5	47.1	+7.7	58.1	+5.8	68.8	+6.8	78.1	+6.8	88.1	+7.8	98.1	+8.8	108.1	+9.8	118.1	+10.8	128.1	+11.8	138.1	+12.8	148.1	+13.8	158.1	+14.8
EASTON	34.9	+7.8	46.7	+7.8	58.1	+5.8	68.8	+6.8	78.1	+6.8	88.1	+7.8	98.1	+8.8	108.1	+9.8	118.1	+10.8	128.1	+11.8	138.1	+12.8	148.1	+13.8	158.1	+14.8
EASTON POLICE BRKS	34.6	+6.4	37.9	+2.6	48.0	+3.6	57.9	+4.5	66.4	+2.6	69.4	-2.5	80.9M	+4.6	77.6	+3.0	69.2	+3	59.4	+1.7	46.2	-1.8	33.0	-4.1	56.7	+1.3
ELKTON	31.7	-1.3	34.7	+1.3	43.0M	+1.5	55.7	+3.9	65.3	+2.5	68.7	-3.1	81.2	+5.3	79.9	+5.5	70.1	+1.3	59.3	+0	45.7	-2.3	31.6	-6.1	57.3	+1.2
EMMITSBURG	29.5M	-5.8	33.3M	+4.0	43.0M	+1.5	53.0M	+4.0	63.0M	+1.5	73.0M	-1.6	83.0M	+1.5	93.0M	+1.5	103.0M	+1.5	113.0M	+1.5	123.0M	+1.5	133.0M	+1.5	143.0M	+1.5
FORT GEORGE G MEADE	32.2	-3.8	35.2	+1.0	46.0	+1.5	56.2	+4.1	66.3	+2.5	67.1	-4.2	79.9	+4.9	76.9	+4.2	68.0	-1.6	58.8	+0	38.3	-1.2	31.4	-4.3	54.6	+1
FREDERICK POLICE BRKS	32.5	-1.9	34.4	+6	44.9	+1.7	55.9	+3.5	65.2	+2.3	68.5	-3.7	81.2	+4.9	78.1	+3.7	68.2	+3	58.3	+1.8	43.1	-2.5	31.3	-4.4	55.1	+4
FREDERICK WB AIRPORT	31.3	-1.6	32.4	+1.0	43.5	+2	55.0	+2.1	64.0	+1	67.1	-5.5	78.9	+2.2	76.9	+2.3	65.4	-3.1	55.4	-1.4	40.6	-4.8	29.6	-5.4	53.3	+1.4
FROSTBURG	27.4	-2.6	31.2	+7	40.7	+1.5	53.8	+2.4	62.0	+4.1	62.9	-4.2	80.9	+4.9	77.8	+4.2	68.0	-1.6	58.8	+0	38.3	-1.2	31.4	-4.3	54.6	+1
GLENN DALE BELL STA	32.9	-1.8	36.0	+1.0	46.5	+2.4	56.2	+4.1	66.3	+2.5	67.1	-4.2	79.9	+4.9	76.9	+4.2	68.0	-1.6	58.8	+0	38.3	-1.2	31.4	-4.3	54.6	+1
GREENBELT	31.7	-2.7	32.7	+1.0	44.5	+2																				

# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE  
1955

Table 1-Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
WILFORD	33.6	- 2.3	37.8	2.0	46.8	2.1	56.6	3.0	66.1	2.0	69.1	- 3.2	80.4	3.6	76.9	1.8	67.2	- 2.1	58.5	2.3	44.5	- 3.1	30.8	- 7.3	55.7	- .3
NEWARK COLLEGE FARM	31.5	.5	33.3M	3.3	43.7	2.6	55.3	4.2	64.9	2.8	68.2	- 1.7	80.7	5.9	77.3	5.0	67.3	.9	57.9	2.5	42.7	- 1.0	29.5	- 3.7	54.4	1.8
SELBYVILLE	33.8		37.8		46.8		56.2		64.5		68.6		79.0M		77.0		67.8		58.6		46.5		33.3		52.5	
WILMINGTON NCASTLE WB AP	31.5	- 1.8	34.1	.4	43.5	1.0	54.8	3.0	64.8	2.0	68.7	- 3.1	81.2	5.3	77.9	4.1	67.2	- .8	58.1	1.9	43.3	- 2.2	29.9	- 5.2	54.6	.4
WILMINGTON PORTER RESV	31.0	- 1.7	33.8	1.2	42.5	.2	54.0	1.9	63.9	.9	68.1	- 3.2	79.9	3.9	76.7	2.7	66.6	- 1.5	58.1	1.3	42.9	- 2.8	29.5	- 5.5	53.9	.2
STATE AVERAGE	32.8	- 2.3	36.2	1.3	45.4	1.8	55.8	3.0	64.9	1.7	69.6	- 2.9	80.5	4.3	77.6	3.2	67.6	- .9	58.6	1.0	44.7	- 1.9	31.4	- 5.3	55.3	.2
SECTION AVERAGE	32.6	- 1.2	35.3	1.4	45.7	2.7	56.7	4.2	65.2	2.3	68.0	- 3.0	79.9	4.5	77.1	3.5	67.6	- .1	58.0	1.4	43.6	- 1.8	31.4	- 4.0	55.1	.8

Table 2

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE  
1955

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	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	+60	-2.55	2.94	-24	4.71	1.48	3.46	+10	1.91	-1.66	6.37	2.79	1.08	-3.24	13.86	9.28	1.21	-2.13	2.44	-10	.92	-1.89	.21	-2.66	39.71	-	.14
ANNAPOLIS U S N ACADEM	+32	-3.05	2.65	-53	3.51	-19	3.95	+30	1.42	-2.62	5.82	1.70	1.22	-3.19	12.01	7.49	1.73	-2.06	3.90	+82	1.59	-1.23	.26	-3.08	538.47	-	5.57
ANNAPOLIS 2 WNW	+28		3.15		3.86		2.86		1.80		2.42		.87		15.05		1.54		3.98		1.67		.50		E37.98		
BALTIMORE SLEDDO PT	+41		2.72		3.36		2.88		3.63		7.15		.44		15.45		.71		1.84		1.38		.20		40.18		1.55
BALTIMORE WB AIRPORT	+29	-3.37	2.68	-31	3.34	-29	2.34	-1.38	2.34	-1.67	6.73	3.21	.30	-3.64	18.35	13.97	.86	-2.90	5.66	2.29	1.35	-1.61	.20	-2.75	44.14		
BALTIMORE WB CITY	+33	-3.33	2.82	-17	3.93	.30	2.88	-.84	2.13	-1.88	7.83	4.31	.35	-3.59	17.69	13.31	1.26	-2.20	7.01	3.64	1.48	-1.48	.15	-2.80	47.86		5.27
BALTIMORE PARKVILLE	+32		3.18		4.94		3.75		1.73		6.07		.29		17.07		1.52		5.71		1.51		.10		47.19		
BELTSVILLE PLANT STA 1	+18	-3.11E	2.84	.51	3.20	-29	2.53	-.61	1.99	-2.10	6.07	2.77	.94	-2.27	10.15	11.14	.07	-2.79	6.15	2.74	1.22	-1.83	.10	-2.74	E43.58		1.42
BELTSVILLE PLANT STA 2	+24		2.82		3.27		2.46		1.55		5.12		.74		11.74		.87		5.01		1.31		.15		35.28		
BELTSVILLE PLANT STA 3	+24		2.89		3.24		2.78		1.75		5.39		.75		13.06		.96		5.21		1.44		.15		37.86		
BELTSVILLE PLANT STA 4	+29		2.87		3.21		2.52		2.30		3.06		1.32		10.67		1.73		5.09		1.47		.14		30.26		
BELTSVILLE PLANT STA 5	+23		3.03		3.28		2.85		2.16		6.04		1.05		13.69		.84		5.49		1.48		.13		40.26		
BELTSVILLE PLANT STA 6	+23		3.02		3.22		2.88		2.07		5.76		1.24		13.49		1.01		5.38		1.49		.15		40.14		
BENSON POLICE BARRACKS	+41	-3.16	3.11	-19E	4.96	1.23	4.10	+.99E	2.24	-1.59	6.47	2.49	.29	-4.13	13.26	8.39	1.16	-2.79	3.67	.24	1.66	-1.57	.13	-3.31	E41.46		-3.90
BENTLEY SPRINGS 1 WNW	+51		2.74		5.24		3.80		2.20		5.52		.70		14.81		1.69		5.35		1.83		.14		E44.59		
BETHESDA NAT INST MLTH	+34		2.85		3.69		2.61		2.30		3.83		1.82		14.15		1.83		5.18		1.61		.30		40.51		
BITTINGER 2 N W	+19		3.41		7.93		3.43		2.60		4.73		4.01		5.97		2.50		1.75		2.44		.99		41.95		
BLACKWATER REFUGE	+90	-2.47	1.00		4.74	1.02	4.04	1.40	2.35	-2.85	5.30	1.39	2.62	-3.67	16.09	12.57	4.49	1.18	3.30	.41	2.64	-.90	.38	-3.05	30.27		6.03
BOYDS 2 NW	+30		2.71		2.93		2.21		E 2.35		3.53		1.45		9.97		1.15		3.41		1.03		.25		E31.29		
BRIGHTON DAM	+69		3.20		3.02		1.89		2.24		2.95		.28		E12.30		1.26		5.57		1.67		.25		E35.32		
BROOKDALE	+43		3.52		4.40		3.46		2.45		5.29		1.99		16.44		.82		5.74		1.82		.27		46.63		
BURNT MILLS RESERVOIR	+31		3.24		4.71		3.32		2.07		3.03		1.40		14.42		3.73		5.72		1.86		.24		E43.22		
CAMBRIDGE 4 W	+94	-2.70	3.53	.02	3.76	-.07	2.50	-1.11	2.11	-1.52	7.29	3.51	.23	-1.82	17.34	12.47	3.73	.32	2.83	-.35	3.39	.54	.61	-2.55	E50.56		6.74
CENTREVILLE	+22		E 3.22		2.98		2.59		1.79		4.65		.30		11.53		2.16		3.43		1.45		.40		E37.60		
CHARLOTTE HALL 2 ESE	+59	-2.71	2.81	-.29	4.32	1.01	4.12	.51	3.61	-.06	5.03	1.47	1.82	-3.37	13.65	9.89	2.51	-.52	2.87	-.45	1.92	-.71	.58	-2.38	43.83		2.39
CHELTENHAM 1 NW	+33	-3.37	3.23	.23	5.19	.53	3.28	-.10	1.08	-.35	4.66	1.34	1.24	-3.37	17.42	12.43	3.15	-.34	4.78	1.45	1.36	-2.09	.37	-3.35	44.37		.18
CHESTERTOWN	+42	-3.05	3.26	.26	3.12	-.40	2.90	-.75	1.48	-.20	6.59	2.63	.37	-1.84	11.87	7.66	2.52	-.87	3.23	.15	1.54	-1.42	.40	-3.06	39.70		-2.09
CHEMSEVILLE BRIDGEPORT	+30	-2.34	2.93	.10	3.59	2.38	2.38	-.59	1.74	-1.78	3.64	-.43	1.94	-1.72	8.85	4.98	1.81	-1.26	3.68	.71	1.40	-.86	.13	-2.48	33.65		-3.16
CLEAR SPRING	+34	-2.73	1.77	-.85	6.17	2.61	2.78	-.88	2.41	-1.41	6.51	2.34	1.58	-2.44	9.87	5.67	2.28	-.78	4.04	.94	2.37	-.06E	.38	-2.73	E40.48		-.32
COLEMAN	+26	-2.97	2.10		6.17		3.36	-.39	2.03	-2.24	4.37		1.52		15.77		1.73		3.43		.67		.34	-3.08	E40.26		-1.96
COLLEGE PARK	+29	-3.02	3.14	.12	3.73	.20	2.66	-.82	2.18	-1.78	5.72	1.83	2.02	-2.14	14.73	10.39	.78	-2.65	5.79	2.90	1.49	-1.24	.17	-2.86	42.72		.93
CONOVINGO DAM	+46	-2.97	2.80	.30	5.69	2.23	3.17	-.24	1.31	-3.49	7.64	2.86	.29	-4.66	12.26	7.98	1.17	-1.94	2.74	-.66	1.39	-2.02	.23	-3.12	39.24		-5.73
CONOVINGO POLICE BRKS	+58		2.27		5.10		E 3.34		1.38		E 6.53		.54		12.11		.93		3.15		1.96		.26		E38.17		
CRISFIELD	1.55	-2.07	2.90	-.50	4.13	.00	4.47	.60	2.34	-1.23	6.22	2.73	.45	-.55	9.82	5.27	7.39	3.95	3.99	1.03	2.15	-.78	1.48	-1.64	51.02		6.81
CUMBERLAND	+26	-2.23	2.39	.08	6.31	3.31	3.24	.36	3.36	-.03	7.23	3.35	2.27	-.99	9.53	2.45	2.24	-.51	1.05	-1.48	1.84	-.34	.30	-2.17	36.42		1.77
CUMBERLAND POLICE BRKS									5.80						6.02		2.64		1.05		2.70		.29				
DALECARLIA RESERVOIR D	+27		3.75		2.20		2.86		2.48		5.26		2.03		13.82		.40		5.63		1.73		.26		44.49		
DENTON	+86	-2.51	3.23	.20	4.10	.50	2.62	-.53	4.07	.36	4.69	.88	1.67	-2.93	13.74	9.04	2.05	-1.42	2.13	-.85	2.08	-.72	.50	-2.59	41.95		-.57
DISTRICT HEIGHTS	+38		3.44		3.50		2.57		3.09		3.31		2.97		14.55		.98		7.00		1.53		.39		43.90		
DUNDALK	+42		2.98		3.74		3.06		2.31		6.52		.45		15.12		.97		4.38		1.62		.18		41.75		
EASTON	+56		3.44		3.78		2.87		3.45		4.57		3.28		13.61		3.15		2.60		1.94		.47		E43.78		
EASTON POLICE BRKS	+49	-2.89E	3.48	.58	3.47	-.23	3.73	-.84	1.62	-1.67	.83		3.02	-1.03	11.67	7.21	2.58	-.79	3.13	-.06	1.77	-1.00	.47	-2.38	E40.65		-1.69
EDGEWOOD	+32	-2.28	2.77	.80	6.04	2.80	2.56	-.16	1.94	-2.62	4.59	.74	.30	-.55	12.61	8.69	1.70	1.29	.47	1.29	-2.25	.17	-2.83	41.71		1.13	
ELKTON	+57	-2.82	3.00	.09	4.39	.64	2.96	-.71	1.22	-3.13	7.44	3.33	.37	-.40	15.18	9.70	1.61	-1.56	4.70	1.50E	1.22	-2.04	.30	-2.77	E42.96		-1.78
EMMITTSBURG	+61	-2.66E	1.72	-1.29	4.48	.50	2.98	-.84	3.71	-.44	4.33	1.3	3.40	-.82	9.81	5.64	1.82	-1.88	5.57	2.02	1.74	-1.59	.19	-2.97	E40.37		-4.03
FORT GEORGE G MEADE	+38	-2.77	2.65	-.21	6.48	3.11	2.54	-.95	2.56	-1.21	2.93	-1.28	.50	1.10	9.01	5.14	1.39	-1.97	2.92	-.04	1.40	-1.27	.10	-2.96	37.35		-3.34
FREDERICK POLICE BRKS	+35	-2.53	2.75	.17	5.35	2.04	2.15	-1.35	2.28	-1.32	3.94	-.02	.47	1.06	9.59	5.56	1.50	-2.06	3.32	.03	1.59	-1.36	.15				

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE  
1955

Table 2—Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	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
DELAWARE																										
BRIDGEVILLE 1 NW	4.59	-3.02	2.93	- .33	4.01	- .20	3.81	- .32	1.94	-1.78	5.91	2.32	2.02	-3.10	9.52	4.84	3.98	1.61	3.46	1.34	2.22	- .48	1.41	-1.73	41.80	- 1.81
DOVER	4.44	-3.09	2.44	- .71	3.55	- .44	2.71	- .87	2.17	-1.64	5.01	2.15	1.55	-3.17	12.23	8.35	1.82	-1.86	3.27	1.37	1.78	-1.36	1.39	-2.93	39.25	- 5.19
GEORGETOWN 5 SW	4.58	3.15	3.90		2.62		2.62		2.62		4.75		3.60		9.30		2.81		5.34		2.20		.85		41.64	
LEWES	4.66	2.96	4.63		3.01		1.79		6.61		1.08		7.58		3.83		4.90		2.87		1.05		40.97			
MIDDLETOWN 2 S	4.93	2.39	4.66		2.26		1.20		6.43		6.68		11.36		2.26		2.46		1.13		.23		36.19			
MILFORD	4.55	-3.31	3.05	- .40	4.08	- .05	3.80	- .15	1.82	-2.03	6.91	3.22	2.44	-2.07	10.63	5.59	2.10	-1.42	2.96	- .34	2.29	- .70	.73	-2.81	84.36	- 4.17
NEWARK COLLEGE FARM	4.41	-2.74	3.08	1.0	4.51	1.07	2.91	- .54	1.19	-3.12	6.84	3.11	2.23	-4.69	14.00	9.65	1.42	-1.94	4.08	.99	1.34	-1.60	.17	-3.41	40.18	- 3.12
SELBYVILLE	4.59	3.00	3.75		2.18		2.04		8.23		2.29		8.14		3.68		5.69		2.14		1.45		34.18			
WILMINGTON NCASTLE WB AP	4.59	-2.97	2.93	- .05	4.08	1.25	2.55	-1.09	1.18	-2.63	6.34	2.32	4.16	-4.33	12.09	6.81	2.27	-1.53	2.62	- .37	1.36	-1.97	.19	-2.80	37.14	- 7.36
WILMINGTON CITY HALL	4.35	-3.19	2.93	- .23	4.75	1.16	2.35	-1.18	1.15	-2.59	5.45	1.45	4.47	-4.24	12.37	7.44	1.31	-2.15	2.81	- .28	.94	-2.15	.09	-3.36	34.99	- 9.32
WILMINGTON PORTER RESV	4.46	-3.08	2.74	- .23	4.43	.65	2.28	-1.54	1.33	-2.45	5.43	1.38	.65	-4.14	11.16	6.06	1.83	-1.79	3.15	.17	1.38	-1.81	.16	-3.14	83.00	- 9.92
STATE AVERAGE	4.58	-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	- 3.88
SECTION AVERAGE	4.55	-2.79	2.92	.02	4.43	.78	2.94	- .56	2.19	-1.51	5.54	1.59	2.11	-2.15	12.29	7.66	2.19	-1.17	4.13	1.12	1.79	- .97	.43	-2.73	41.51	- .69



Table 3

## TEMPERATURE EXTREMES AND FREEZE DATA

MARYLAND AND DELAWARE  
1955

Station	Highest	Date	Lowest	Date	Last spring minimum of								First fall minimum of								Number of days between dates								
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
ABERDEEN PHILLIPS FIELD	101	8-2	2	2-3	2-14	9	2-25	18	3-27	23	3-29	26	3-31	31	11-8	30	11-9	28	11-28	18	11-28	18	11-29	15	288	276	246	225	222
ANNAPOLIS U S N ACADEMY	95	8-20	8	2-3	2-12	12	2-14	18	3-27	24	3-28	28	3-29	31	11-26	30	11-28	20	11-28	20	12-16	16	307	287	246	245	242		
ANNAPOLIS 2 WNW	98	7-22+	5	1-28	2-14	7	2-14	7	3-27	22	3-29	26	4-8	31	-	-	11-21	25	11-27	22	11-29	10	11-29	10	288	288	245	237	-
BALTIMORE SLEDS PT	101	7-22+	6	2-3	2-14	12	3-27	20	3-29	23	3-29	23	4-8	31	11-6	30	11-21	28	11-29	12	11-29	12	11-29	12	288	247	245	237	212
BALTIMORE WB AIRPORT	100	8-2	6	1-28+	2-14	7	3-8	18	3-29	24	3-29	24	4-8	32	11-6	29	11-25	27	11-28	18	11-28	18	11-29	13	288	265	244	241	212
BALTIMORE WB CITY	101	8-2	10	2-3	2-13	16	2-14	20	3-28	24	3-29	28	3-29	28	11-9	32	11-20	28	11-28	18	11-28	18	12-16	16	306	287	245	236	225
BALTIMORE PARKVILLE	-	-	3	2-3	3-8	14	3-27	20	3-28	23	3-29	26	5-31	31	11-6	32	11-9	28	11-29	13	11-29	13	11-29	13	266	247	246	225	159
BELTSVILLE	100	8-3	1	2-13	2-25	16	3-27	20	4-8	21	4-8	21	4-10	32	10-23	30	11-6	24	11-6	24	11-27	19	11-29	14	277	245	212	212	196
BELTSVILLE PLANT STA 1	100	8-3	1	1-28	3-8	14	3-29	19	3-31	24	4-8	28	4-9	32	10-23	30	11-6	26	11-25	24	11-27	20	11-29	12	266	243	239	212	197
BELTSVILLE PLANT STA 2	100	8-3	1	1-28	3-8	13	3-29	17	3-31	22	4-8	27	4-10	31	10-23	30	11-1	28	11-6	24	11-27	19	11-29	12	266	243	220	207	196
BELTSVILLE PLANT STA 3	101	8-3	2	1-28	3-8	15	3-29	20	3-29	20	3-31	28	4-8	31	10-23	30	11-6	25	11-27	21	11-29	12	11-29	12	266	245	243	220	198
BELTSVILLE PLANT STA 4	101	8-3	3	2-3	2-14	11	3-27	19	3-28	24	3-29	25	4-8	31	10-23	32	11-6	27	11-27	24	11-29	12	11-29	12	288	247	244	222	198
BELTSVILLE PLANT STA 5	99	8-3	1	2-3	3-8	14	3-29	18	3-31	23	4-8	28	4-10	31	10-23	32	11-1	27	11-6	23	11-27	18	11-29	10	266	252	220	206	196
BELTSVILLE PLANT STA 6	101	8-3	4	1-28+	2-14	7	3-8	17	3-29	24	4-8	28	4-8	32	10-23	32	11-6	27	11-27	21	11-29	12	11-29	12	266	243	231	215	198
BENSON POLICE BARRACKS	98	7-22+	3	2-3	-	-	-	-	-	-	-	-	4-8	29	10-23	31	11-9	24	11-9	24	11-29	10	11-29	10	-	-	-	-	198
BENTLEY SPRINGS 1 WNW	99	8-2	2	2-14	3-8	11	3-27	19	3-29	21	4-8	25	5-18	32	10-23	30	11-8	23	11-8	23	11-27	20	11-29	9	266	245	224	214	158
BETHESDA NAT INST HLTH	100	8-2	5	1-28+	2-14	8	3-27	19	3-27	19	3-31	28	4-5	31	10-23	30	11-6	28	11-27	21	11-29	12	11-29	12	288	247	245	220	201
BITTINGER 2 NW	90	8-4	-12	1-28	3-28	11	3-30	18	4-8	22	4-8	22	5-18	32	10-22	26	10-22	26	11-4	23	11-17	20	11-28	5	245	232	210	197	157
BLACKWATER REFUGE	98	8-2+	10	12-22	2-14	14	2-14	14	2-19	24	3-27	26	3-28	29	11-1	32	11-6	28	11-29	21	12-7	18	12-16	16	305	296	283	224	218
BOYDS 2 NW	100	8-1+	1	2-3	3-8	16	3-27	17	3-28	23	3-29	25	4-8	32	10-31	31	11-8	23	11-8	23	11-29	9	11-29	9	266	247	225	224	206
BRIGHTWOOD DC	99	8-3	7	2-3	2-15	16	2-15	16	3-27	22	3-29	28	3-29	28	11-6	32	11-27	28	11-29	16	11-29	16	11-29	16	287	287	247	243	222
CAMBRIDGE 4 W	98	7-22	8	2-3	2-14	10	2-14	10	3-27	23	3-28	26	3-31	29	11-6	32	11-6	27	11-27	24	11-29	19	12-16	16	305	288	245	223	220
CENTREVILLE	98	7-22	5	2-5	2-25	13	2-25	13	3-27	23	3-31	25	4-9	32	10-23	30	11-8	28	11-25	23	11-29	18	12-13	15	291	277	243	222	197
CHARLOTTE HALL 2 ESE	97	8-6	6	1-28+	2-14	11	3-27	20	3-29	24	3-29	24	4-8	32	10-23	32	11-6	27	11-29	10	11-29	10	11-29	10	288	247	245	222	198
CHELTENHAM 1 NW	99	7-23	4	1-28+	2-14	7	3-8	19	3-29	23	4-8	27	4-8	27	10-23	32	11-6	27	11-27	21	11-29	12	11-29	12	288	266	243	212	198
CHESTERTOWN	100	7-22	4	2-3	2-14	11	3-8	20	3-27	23	3-29	26	3-31	32	11-6	32	11-25	28	11-28	20	11-28	20	12-16	16	305	265	246	241	220
CHEWSVILLE BRIDGEPORT	101	8-2+	2	2-3+	3-8	16	3-27	18	3-28	23	3-31	25	4-8	31	10-23	32	11-1	27	11-6	23	11-29	13	11-29	13	266	247	223	215	198
CLEAR SPRING	104	8-2	2	2-5	3-27	16	3-27	16	3-28	23	3-29	26	3-31	32	10-23	32	10-31	27	11-9	24	11-28	20	11-29	12	247	246	226	216	206
COLEMAN	101	7-22	5	2-3	-	-	-	-	3-27	23	3-28	27	3-29	30	11-5	32	-	-	11-29	16	11-29	16	11-29	16	-	-	247	-	221
COLLEGE PARK	101	8-2+	2	1-28+	3-8	16	3-27	18	3-29	21	4-5	28	4-9	31	10-23	31	11-6	26	11-27	21	11-29	16	11-29	16	266	247	243	215	197
CONOWINGO DAM	100	7-22+	4	2-3	2-25	16	3-8	17	3-29	22	3-31	28	4-8	32	11-8	31	11-9	27	11-28	19	11-28	19	11-29	11	277	265	244	223	214
CONOWINGO POLICE BRKS	100	8-6	2	2-3	3-8	15	3-27	20	3-29	22	3-29	22	4-9	31	10-23	31	11-9	25	11-21	24	11-29	10	11-29	10	266	247	237	225	197
CRISFIELD	94	7-22	12	2-3	2-14	14	2-14	19	3-8	24	3-27	26	3-28	30	11-27	32	11-29	22	11-29	22	12-16	20	None	-	305	266	247	244	244
CUMBERLAND	98	8-5	1	1-28	3-8	16	3-28	20	3-28	20	3-31	26	4-1	32	10-23	31	10-31	28	11-6	21	11-28	17	11-29	12	266	245	223	214	205
CUMBERLAND POLICE BRKS	98	8-3+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DALECARLIA RESERVOIR DC	100	8-2	6	2-3	2-14	10	3-8	20	3-29	24	3-31	28	4-5	32	11-6	32	11-10	29	11-10	28	11-27	23	11-29	14	288	266	243	224	215
DENTON	98	7-4+	5	2-3	2-14	9	3-8	20	3-29	23	3-31	27	4-9	32	10-23	29	11-6	28	11-25	23	11-29	16	11-29	16	288	266	241	220	197
DISTRICT HEIGHTS	99	7-22+	5	2-3	2-14	13	2-14	13	3-27	21	3-29	28	3-30	32	11-6	31	11-26	28	11-28	19	11-28	19	11-29	14	288	267	246	242	221
DUNDALK	101	7-22	6	2-3	2-14	16	2-14	16	3-27	23	3-28	27	3-29	29	11-10	32	11-29	17	11-29	17	11-29	17	12-16	16	305	288	247	246	226
EASTON	98	7-22	7	2-3	2-14	15	2-14	15	3-27	24	3-28	27	3-31	32	11-9	28	11-9	28	11-29	18	11-29	18	12-16	16	305	288	247	246	226
EASTON POLICE BRKS	96	7-4+	7	2-3	2-13	15	2-13	15	3-27	22	3-30	27	3-30	27	11-6	31	11-9	27	11-29	16	11-29	16	11-29	16	289	289	247	224	221
ELKTON	102	8-2	1	2-3	3-8	15	3-8	18	3-																				

Table 3-Continued

## TEMPERATURE EXTREMES AND FREEZE DATA

MARYLAND AND DELAWARE  
1955

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates									
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below					
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.												
DELAWARE																																		
BRIDGEVILLE 1 NW	97	7-22+	5	2-3	2-14	10	2-14	10	3-29	22	3-29	22	4-9	32	10-23	30	11-9	25	11-27	23	11-29	16	11-29	16	288	288	243	225	197					
DOVER	100	7-22+	4	2-3	2-14	13	2-14	13	3-27	23	3-29	27	3-29	27	11-6	32	11-9	28	11-29	17	11-29	17	12-16	14	305	288	247	225	222					
GEORGETOWN 5 SW	99	7-22	6	2-3+	2-14	6	3-8	19	3-29	21	4-5	27	4-9	30	10-23	29	11-9	26	11-25	23	11-29	17	12-7	16	296	266	241	218	197					
LEWES	98	8-2	10	1-31+	2-14	11	3-8	19	3-29	21	3-29	21	4-9	31	10-23	31	11-10	28	11-27	24	11-29	16	11-29	16	288	266	243	226	197					
MIDDLETOWN 2 S	100	8-2	1	2-3	3-8	16	3-27	18	3-27	18	3-29	26	4-8	30	10-23	31	11-8	28	11-29	15	11-29	15	11-29	15	266	247	247	224	198					
MILFORD																																		
NEWARK COLLEGE FARM	102	7-22	5	2-3	2-14	12	3-8	19	3-27	24	3-29	25	3-31	32	10-23	28	10-23	28	11-9	23	11-29	13	11-29	13	288	266	227	208	206					
SELBYVILLE	101	7-22+	0	2-3	2-25	16	3-8	17	3-29	23	3-31	28	4-9	31	10-23	31	11-8	28	11-25	24	11-29	12	11-29	12	277	266	241	222	197					
WILMINGTON N CASTLE WB AP	96	7-22+	7	2-3	2-14	10	2-14	10	3-27	24	3-28	26	4-9	32	10-23	30	11-9	28	11-27	24	11-29	17	12-21	15	310	288	245	226	197					
WILMINGTON PORTER RESVR	101	8-2+	3	2-3	2-14	9	3-8	19	3-27	23	3-29	27	4-8	32	11-8	31	11-9	28	11-28	15	11-28	15	11-28	15	287	265	246	225	214					
	98	7-22+	1	2-3	2-14	13	3-8	18	3-27	23	3-29	25	4-8	32	11-9	29	11-26	28	11-28	18	11-28	18	11-29	14	288	265	246	242	215					

## TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
BELTSVILLE, MD.	EVAP	-	-	-	-	B6.83	B5.24	B7.44	B7.18	B3.78	B3.00	-	-	-
	DEP	-	-	-	-	.67	-1.22	.30	.99	-.96	-.29	-	-	-
	WIND	-	-	-	-	1240	1225	828	1441	944	940	-	-	-
SAVAGE RIVER DAM, MD.	EVAP	-	-	-	-	B7.24	5.34	6.41	B5.56	B4.47	2.57	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	B2414	2081	1472	1084	1366	1324	1212	-	-	-
GEORGETOWN 5 SW, DEL.	EVAP	-	-	-	B3.71	6.15	B6.84	B7.29	B5.53	3.54	B3.03	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	B1760	1291	1394	B 886	1039	923	1089	-	-	-

## † CHANGES IN STATION NAMES

## NEW NAME

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

## OLD NAME

BENTLEY SPRINGS, MD.  
COLEMAN, MD

## DATE

May 1955  
December 1955

## RELOCATIONS

CENTREVILLE, MD.  
COLEMAN 3 WNW  
EDGEMONT, MD.  
FREDERICK 3 E, MD.All equipment moved 60 feet SE  
All equipment moved 75 feet N  
Rain gage moved 120 feet NE  
Rain gage moved 60 feet SESeptember 29, 1955  
April 1, 1955  
June 1, 1954  
September 1, 1954

MIDDLETOWN 2 S, DEL.

All equipment moved 0.2 mile S

October 1, 1955

# STATION INDEX

MARYLAND AND DELAWARE  
1955

Station	Index No.	County	Drainage <sup>†</sup>	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.	Refer to tables
							Temp.	Precip.	Evap.		
MARYLAND											
ABERDEEN PHILLIPS FIELD	0015	HARFORD	1	39 28	76 10	62	37	37			1 2 3
ANAPOLIS USN ACADEMY	0185	ANNE ARUNDEL	1	38 59	76 29	40	90	90			1 2 3
ANAPOLIS 2 WWN	0193	ANNE ARUNDEL	1	38 59	76 31	65	5	5			1 2 3
BALTIMORE SLEDGE POINT	0460	BALTO CITY	3	39 12	76 34	135	7	7			1 2 3 C
BALTIMORE WB AIRPORT	0465	ANNE ARUNDEL	3	39 11	76 40	146	21	21			1 2 3 C
BALTIMORE WB CITY	0470	BALTO CITY	3	39 17	76 37	14	85	85			1 2 3 C
BALTIMORE PARKVILLE	0475	BALTIMORE	1	39 23	76 32	305	8	8			1 2 3
BELTSVILLE	0700	PRINCE GEORGE	5	39 02	76 53	120	18	18	15		1 2 3 4 C
BELTSVILLE PLY STA 1	0701	PRINCE GEORGE	5	39 02	76 56	160	7	7			1 2 3
BELTSVILLE PLY STA 2	0702	PRINCE GEORGE	5	39 02	76 56	136	7	7			1 2 3
BELTSVILLE PLY STA 3	0703	PRINCE GEORGE	5	39 02	76 56	200	7	7			1 2 3
BELTSVILLE PLY STA 4	0704	PRINCE GEORGE	5	39 02	76 56	265	7	7			1 2 3
BELTSVILLE PLY STA 5	0705	PRINCE GEORGE	5	39 01	76 57	100	7	7			1 2 3 C
BELTSVILLE PLY STA 6	0706	PRINCE GEORGE	5	39 01	76 57	215	7	7			1 2 3
BENSON POLICE BARRACKS	0732	HARFORD	1	39 30	76 23	365	8	8			1 2 3
BENTLEY SPRINGS 1 WWN	0737	BALTIMORE	1	39 41	76 42	730	7	7			1 2 3
BETHESDA	0795	MONTGOMERY	5	38 58	77 07	320					1 2 3
BETHESDA NAT INST HEALTH	0800	MONTGOMERY	5	39 00	77 06	310	5	5			1 2 3
BITTINGER 2 NW	0881	GARRETT	7	39 37	79 15	2700	3	3			1 2 3
BLACKWATER REFUGE	0915	DORCHESTER	1	38 26	76 08	5	15	15			1 2 3
BOYDS 2 NW	1032	MONTGOMERY	5	39 12	77 20	580	3	3			1 2 3
BRIGHTON DAM	1125	MONTGOMERY	4	39 12	77 01	350	6	10			1 2 3
BROOKDALE	1170	MONTGOMERY	5	38 57	77 06	260					1 2 3
BURNETT MILLS RESERVOIR	1278	MONTGOMERY	5	39 02	77 00	220	10				1 2 3
CAMBRIDGE 4 W	1385	DORCHESTER	1	38 34	76 09	5	61	61			1 2 3
CENTREVILLE	1627	QUEEN ANNES	1	39 03	76 04	30	3	3			1 2 3
CHARLOTTE HALL 2 ESE	1685	ST MARYS	4	38 28	76 45	167	34	34			1 2 3
CHELTENHAM 1 NW	1710	PRINCE GEORGE	5	39 01	76 51	230	55	55			1 2 3
CHESTERTOWN	1750	KENT	1	39 13	76 04	35	50	50			1 2 3
CHEWVILLE BRIDGEPORT	1790	WASHINGTON	5	39 39	77 41	560	58	58			1 2 3
CLEAR SPRING	1890	WASHINGTON	5	39 40	77 54	560	56	56			1 2 3
COLEMAN 3 WWN	1980	KENT	1	39 21	76 08	78	58	58			1 2 3
COLLEGE PARK	1995	PRINCE GEORGE	5	38 59	76 56	70	69	69			1 2 3 C
CONWINGO DAM	2060	HARFORD	6	39 39	76 10	49	20	20			1 2 3
CONWINGO POLICE BARRACKS	2065	HARFORD	6	39 39	76 11	195	8	8			1 2 3
CRISFIELD	2225	SOMERSET	1	37 59	75 51	5	36	36			1 2 3
CUMBERLAND	2280	ALLEGANY	5	39 39	78 45	945	85	85			1 2 3
CUMBERLAND POLICE BARRACKS	2285	ALLEGANY	5	39 39	78 49	880	8	8			1 2 3
DENTON	2293	CAROLINE	1	38 53	75 50	210	4	4			1 2 3
DISTRICT HEIGHTS	2585	PRINCE GEORGE	4	38 51	76 54	272	10	10			1 2 3
DUNDALK	2660	BALTIMORE	3	39 16	76 31	28	7	7			1 2 3
EASTON	2695	TALBOT	1	38 46	76 04	28	3	3			1 2 3
EASTON POLICE BARRACKS	2700	TALBOT	1	38 46	76 01	60	65	65			1 2 3
EDMONT	2770	WASHINGTON	5	39 40	77 39	905	17	17			1 2 3
ELKTON	2860	CECIL	1	39 36	75 50	28	29	29			1 2 3
EMMITSBURG	2905	FREDERICK	5	39 41	77 21	720	89	89			1 2 3
FORT GEORGE & MEADE	3230	ANNE ARUNDEL	3	39 07	76 46	195	14	14			1 2 3
FREDERICK POLICE BARRACKS	3348	FREDERICK	5	39 29	77 26	380	8	8			1 2 3
FREDERICK WB AIRPORT	3350	FREDERICK	5	39 25	77 23	294	12	12			1 2 3 C
FREDERICK 3 E	3355	FREDERICK	5	39 24	77 22	365	7				1 2 3
FROSTBURG	3410	ALLEGANY	5	39 39	78 56	2035	54	54			1 2 3
GLEN ECHO	3645	MONTGOMERY	5	38 58	77 09	150					1 2 3 C
GLEN DALE BELL STATION	3675	PRINCE GEORGE	4	38 58	76 48	151	35	35			1 2 3
GRANTSVILLE	3795	GARRETT	7	39 42	79 09	2380	9	9			1 2 3 C
GREENBELT	3860	PRINCE GEORGE	5	39 01	76 52	200	9	9			1 2 3
HAGERSTOWN	3975	WASHINGTON	5	39 39	77 44	660	14	14			1 2 3
HANCOCK FRUIT LABORATORY	4030	WASHINGTON	5	39 42	78 11	428	22	22			1 2 3 C
KEEDYSVILLE	4780	WASHINGTON	5	39 29	77 42	420	52	52			1 2 3
LA PLATA	5080	CHARLES	5	38 32	76 58	175	41	41			1 2 3
LAUREL 3 W	5111	PRINCE GEORGE	4	39 06	76 54	400	65	65			1 2 3
LEONARDTOWN & 5SW	5200	ST MARYS	5	38 15	76 39	20	21	21			1 2 3 C
LOCH RAVEN DAM	5340	BALTIMORE	1	39 26	76 33	190	6				1 2 3
LUKE	5530	ALLEGANY	5	39 29	79 03	950	18				1 2 C
DELAWARE											
MERRILL	5894	GARRETT	5	39 16	79 05	1790					1 2 3
MIDDLE RIVER	5916	BALTIMORE	1	39 18	76 25	15	6	6			1 2 3
MILLINGTON	5985	KENT	1	39 15	75 50	27	58	58			1 2 3
NEW GERMANY	6408	GARRETT	5	39 38	79 07	2490	7	7			1 2 3 C
OAKLAND 1 SE	6620	GARRETT	7	39 24	79 24	2420	58	58			1 2 3
OCEAN CITY	6665	WORCESTER	2	38 20	75 05	17	7	7			1 2 3
OWINGS FERRY LANDING	6770	CALVERT	4	38 42	76 41	120	39	39			1 2 3
PARKTON 2 SW	6844	BALTIMORE	1	39 38	76 42	800	3	3			1 2 3 C
PERRY POINT	6860	CECIL	1	39 33	76 04	40					1 2 3
PICARDY	7010	ALLEGANY	5	39 33	78 30	1030	29	29			1 2 3
PIKESVILLE POLICE BARRACKS	7015	BALTIMORE	3	39 23	76 43	500	8	8			1 2 3
POCOMOKE CITY 4 SW	7140	WORCESTER	1	38 01	75 37	8	7	7			1 2 3
PRESTON 1 S	7310	CAROLINE	1	38 42	75 55	50	7	7			1 2 3
PRINCE FREDERICK	7323	CALVERT	1	38 32	76 55	140	3	3			1 2 3
PRINCESS ANNE 1 E	7350	SOMERSET	1	38 12	75 40	17	7	7			1 2 3
RANDALLSTOWN POLICE BRKS	7435	BALTIMORE	3	39 23	76 50	625	8	8			1 2 3
RIVERDALE	7615	PRINCE GEORGE	1	38 58	76 56	50	9	9			1 2 3
ROCK HALL 3 N	7700	KENT	1	39 11	76 14	20	42	42			1 2 3
ROCKVILLE	7705	MONTGOMERY	5	39 05	77 09	440	8	8			1 2 3
ROYAL OAK	7806	TALBOT	1	38 43	76 11	10	8	8			1 2 3
SALISBURY	8000	WICOMICO	1	38 22	75 36	10	49	49			1 2 3
SALISBURY POLICE BRKS	8005	WICOMICO	1	38 20	75 34	42	8	8			1 2 3
SALISBURY CAA AIRPORT	8005	WICOMICO	1	38 20	75 30	32	8	8			1 2 3
SANDY POINT	8030	ANNE ARUNDEL	1	39 01	76 24	10	4	4			1 2 3
SAVAGE RIVER DAM	8065	GARRETT	5	39 31	79 08	1495	5	5			1 2 3 4 C
SHALLMAR	8191	GARRETT	5	39 23	79 12	1700					1 2 3
SINES DEEP CREEK	8315	GARRETT	7	39 31	79 25	2038	31	31			1 2 3 C
SNOW HILL	8380	WORCESTER	1	38 10	75 24	16	40	40			1 2 3
SOLOMONS	8405	CALVERT	1	38 19	75 27	20	64	64			1 2 3
STEVENSVILLE 1 W	8557	QUEEN ANNES	1	38 59	76 20	10	4	4			1 2 3
TAKOMA PARK MISS AVE	8725	MONTGOMERY	5	38 59	77 00	230	11	11			1 2 3
TOLNOMAW	8855	WASHINGTON	5	39 40	78 15	550	31	31			1 2 3
TOWSON	8877	BALTIMORE	3	39 24	76 36	415	18	18			1 2 3
UNIONVILLE	9030	FREDERICK	5	39 27	77 11	430	16	14			1 2 3 C
VIENNA	9140	DORCHESTER	1	38 29	75 50	12	7	7			1 2 3
VIER'S MILL	9187	MONTGOMERY	5	39 03	77 03	300	6	6			1 2 3
WALDORF POLICE BARRACKS	9195	CHARLES	5	38 39	76 59	210	8	8			1 2 3
WATERLOO POLICE BARRACKS	9314	HOWARD	3	39 10	76 47	230	8	8			1 2 3
WESTERN PORT	9405	ALLEGANY	5	39 29	79 02	1000	62	62			1 2 3
WESTMINSTER	9435	CARROLL	1	39 35	77 00	770	46	46			1 2 3
WILLIAMSPORT	9570	WASHINGTON	5	39 37	77 51	360					1 2 3
WOODSTOCK	9750	BALTIMORE	3	39 20	76 52	415	86	86			1 2 3
DISTRICT OF COLUMBIA											
BRIGHTWOOD	1135		5	38 57	77 01	260	9				1 2 3
DALECARLIA RESERVOIR	2325		5	38 56	77 07	146	10	10			1 2 3
NATIONAL ARBORETUM	6350		1	38 54	76 58	70	10	10			1 2 3
U S SOLDIERS HOME	9225		5	38 56	77 01	290	10	10			1 2 3
WASHINGTON WB CITY	9290		5	38 54	77 03	72	85	85			1 2 3 C
DELAWARE											
BRIDGEVILLE 1 NW	1330	SUSSEX	1	38 45	75 37	50	65	65			1 2 3
DOVER	2750	KENT	2	39 10	75 32	34	68	67			1 2 3
GEORGETOWN 5 SW	3570	SUSSEX	1	38 33	75 28	45	10	10	2		1 2 3 4
LAUREL 2 SW	5217	SUSSEX	1	38 32	75 34	33					1 2 3
LEWES	5520	SUSSEX	2	38 46	75 08	10	11	11			1 2 3
MIDDLETOWN 2 S	5852	NEW CASTLE	2	39 25	75 42	60	4	4			1 2 3
MILFORD	5915	SUSSEX	2	38 55	75 26</						