### U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

#### WEATHER BUREAU

F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

ANNUAL SUMMARY 1956
Volume LX No. 13



#### WEATHER SUMMARY

#### GENERAL

Dull moments, or day perhaps, but certainly no dull months appeared in the weather of 1956. Monthly climates ranged from unusually stormy weather in July to abnormally warm, foggy conditions in December. Particularly notable was the long, seasonally cool period from March through September and the absence of oppressive, hot weather in summer except for a very few days.

January was notable for breaking the drought which developed late in 1955. February followed with generous rainfall and was marked with extremely light snowfall, much above average temperatures, and hurricane force winds. Heavy snowfall and cold weather characterized March with April continuing the cold weather. May was outstanding for record low temperatures for so late in the year and a late snowfall, while June brought record high temperatures for so early in the summer. Unprecedented heavy rainfalls, cloudbursts, flash floods, severe electrical storms headlined the weather of July. August passed with light precipitation but considerable lightning. September brought unusually low early fall temperatures and considerable lightning and storm activity. October and November were marked for record-heavy precipitation amounts in portions of the Delmar Peninsula while December turned unusually warm and foggy.

#### WEATHER EFFECTS

The general termination of the late 1955 drought with rain and snow on January 9th was followed by moderate rains at relatively frequent intervals. Rains early in February were beneficial for grasses and grains and replenishing water supplies, but soils remained generally too wet for farming operations. Cold weather in March retarded plant growth, and wet soil conditions continued to hamper planting and plowing operations in most districts. By mid-April farmers had accomplished some plowing and seeding but, in general, were from one to two weeks behind schedule due to antecedent cold, wet weather. Well-below-freezing temperatures on April 25th resulted in heavy damage to fruits and vegetables on the Delmar Peninsula with peaches frozen quite extensively. The first picking of strawberries was severely damaged, and many plantings of tomatoes were killed. Below freezing temperatures on May 9th, 17th, and 25th caused varying amounts of damage over the two-state area. On the 9th damage was generally limited to strawberries and tomatoes on the lower Delmar Peninsula. The record late spring low temperatures on the 17th were most severe in western and central Maryland fruit and vegetable districts. On the 25th only light scattered damage occurred. Generous rains in most sections from June 17th-18th and 21st-23rd benefited all growing crops but slowed haying, cultivating, spraying activities, and harvesting of grains. Well above average precipitation in July favored

growth of all crops but slowed harvesting of grain and hay crops. Good drying weather in August was favorable for harvesting of grains and curing of hay. Favorable harvesting weather prevailed for most of September. Frost on September 21st did varying amounts of damage over the two-state area. Except for the period of the 7th-15th, wet soils and rains in October slowed or delayed seeding of winter grains and harvesting of corn and soy beans. Heavy rains at the end of October and early in November were very detrimental to soy beans with considerable deterioration of the crop for seed purposes due to the prolonged wet, damp conditions. Considerable erosion and top soil losses occurred from record heavy rains in several counties. In December, unusually foggy weather was a contributing factor in numerous highway accidents with some injuries and fatalities, caused suspension of air traffic and ship movements, and delayed bus and rail traffic.

#### TEMPERATURE

Temperatures averaged slightly above the long-term mean with February, June, October, November, and December warmer than usual and other months cooler than normal. An unseasonably cold January was followed by an unseasonably warm February. From March through September average temperatures hovered generally from 1 to 2 degrees below the long-term means except for June which was only slightly warmer than normal. The last three months of the year were each warmer than usual with the December average topping the record at Baltimore for December for the 140-year period since 1817. Elsewhere, generally near-record high temperatures resulted in the warmest December since 1931.

#### PRECIPITATION

Precipitation for the year averaged from about two inches above the long-term mean in Maryland to about four inches above for Delaware. Although precipitation in January ended a serious drought which started late in 1955, it was well below the long-term average for the month. Rainfall in February and March exceeded normal and replenished the deficient ground water supplies to a large extent.

April and May were rather dry and June provided moderate amounts of precipitation, but July was very wet as scattered cloud-bursts and intense thunderstorms brought unprecedented rainfalls to some districts. Dry weather in August, slightly above average moisture in September, heavy rainfall in October and November, especially on the Delmar Peninsula, and moderate precipitation in December were among the factors contributing variety to the year's weather.

#### SNOWFALL

In Maryland, the total snowfall for 1956 was well below average. January brought moderate amounts, but February dropped far

below the long-period mean. Only March came through with well-above average totals. October, November, and December received a combined total of only about 20% of the usual amount for this period due primarily to the extremely warm December.

In Delaware, January brought moderately heavy snowfall with the balance of the year following the same general pattern as for Maryland.

Although the heaviest snowfall occurred in March, the greatest depths occurred generally in January as snow accumulated and lay on the ground for a longer period due to the much lower temperatures which prevailed at that time of the year. Oakland 1 SE reported the greatest monthly total snowfall of the two-state area, 25.8 inches, in March. Bittinger 2 NW and Sines Deep Creek reported the greatest depths on the ground, 10 inches, on a number of days in January. A depth of 10 inches was also reported in March at Conowingo Police Barracks.

#### DESTRUCTIVE STORMS

A total of 12 persons were reported killed in Maryland and Delaware in 1956 as a result of severe storms. In Maryland 2 fatalities and 2 injuries occurred from lightning while the score was only 1 and 8, respectively, in Delaware. Strong winds contributed to 4 injuries, and floods, 8 drownings in Maryland. One injury occurred during a severe thunderstorm when a small boat was swamped on the Chesapeake Bay near Annapolis, Maryland. Other fatalities or injuries occurred in connection with automobile accidents due to poor visibilities or slippery highways during bad weather.

January was notable for sleet and freezing rain on several occasions which made high-ways extremely hazardous, caused traffic tie-ups, closed schools, and resulted in numerous automobile accidents. February brought several widespread occurrences of sleet and glaze but will be best remembered for the hurricane force winds which accompanied a fast moving cold front on the 25th and caused widespread damage. In May frequent electrical storms resulted in injury to 8 persons and considerable damage to property from fire caused by lightning. Hail damaged some orchards in western Mary-

land in June, but the most severe storm activity in this month was confined to Delaware where strong winds and hail were associated with severe thunderstorms on the 1st with a tornado cloud observed over the ocean off Rehoboth, Delaware. Lightning again caused property losses from fire. July was probably the stormiest month of the year as unprecedented, heavy rains, cloudbursts, and severe electrical storms wrought destruction of property and the loss of two lives. Several twisters or tornado-like storms were also reported. Winds and lightning were responsible for scattered property losses in August; however, no injuries or fatalities occurred. In September, severe thunderstorms accompanied by strong winds, hail, and lightning again caused considerable losses to property and one fatality, a fisherman who was struck by lightning near Lewes, Delaware. There were no destructive storms from October to December except for heavy rains in November.

#### FLOODS

Extensive local flooding, primarily in Washington and Montgomery Counties and the City of Baltimore on July 20th and in Harford, Saint Mary's, and Frederick Counties and the Delmar Peninsula on November 2nd, resulted in considerable losses to public and private property, serious erosion of soils, and the loss of at least seven lives due to drowning in flood waters. Other occurrences of local cloudbursts and extremely heavy rains inflicted heavy local flash flood damage. The most outstanding of these occurrences were in Allegany and Garrett Counties on August 5th-6th and in the Wilmington, Delaware area on October 22nd. On September 27th strong winds from the tropical disturbance, Flossy, caused high tides on the Atlantic coast and portions of the Chesapeake Bay with limited flood damage reported on lower areas in the southern tip of Saint Mary's County.

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

Howard H. Engelbrecht, State Climatologist U. S. Weather Bureau Baltimore, Maryland

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	Janu	ary	Febru	ary	Mai	сь	Aŗ	oril	M	ıy	Ju	ne	Ju	ly	Aug	nust	Septer	nber	Octo	ber	Nove	mber	Decen	aber	Ann	ual
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Тетрегатиге	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
MARYLAND	-	Н.						-	-					_				_								
ABERDEEN PHILLIPS FLD ANNAPOLIS U S N ACAD ANNAPOLIS 2 WNW BALTIMORE SLEDDS PT BALTIMORE WB AIRPORT	32.4 34.1 32.6 33.9 32.7	- 1.5 - 2.4 - 1.5	39.4 38.9M 39.8 38.7	3.7	39.5 41.3 40.1M 42.5 40.7	- 2.5	49.4M 51.7 51.6 52.9 51.6	- 148	64.2 61.3	- 2.6 - 2.5 - 1.6	72.8 71.2 73.8 71.9	- •1 - •4 - •3	75.5 74.2 76.0 74.7	- 2.7 - 2.1	75+1 72+7 75+3 74+2	9	64.9 67.6 65.5	- 2.8 - 2.9 - 2.4	59.5M 57.0 59.4 58.0	1.5	45.1 47.2 45.6 48.2 45.4	9	l i	6.2 6.3 7.9	53.9 55.8 56.5 54.9	7 6
BALTIMORE WB CITY BALTIMORE PARKVILLE BELTSVILLE BELTSVILLE PLANT STA 1 BELTSVILLE PLANT STA 2	35.7 31.9 30.6 31.8 30.8	9	41.3 37.8M 37.3 38.2 37.5	4+0	39.9 39.6 40.2 39.5	- 1.9	54.6 50.9 50.0 50.7 49.7	.3	62.2 59.4 60.0 59.2	- 1.2	75.9 72.3 70.3 70.8 70.3	1.6	73.8 73.9 73.5	3	78.5 74.1M 72.0 72.3 71.9	2+1	68.9 65.5 64.8 65.1 64.5	- 1.5	61.7 58.2M 55.9 56.7 56.4	2.4	49.3 46.6 44.5 44.5 44.2	••	46.5 44.4 41.8 42.2 41.9	7.7	58.2 53.4 53.9 53.3	1.:
BELTSVILLE PLANT STA 3 BELTSVILLE PLANT STA 4 BELTSVILLE PLANT STA 5 BELTSVILLE PLANT STA 6 BENSON POLICE BARRACKS	30.9 32.3		38.5 38.4 38.0 39.0		40.3 40.2 39.7 40.5 39.5		51.5 51.3 49.8 51.9		60.5 59.9 60.8 61.2		71.4 72.2 70.8 72.1 70.8	AAA AAAA AAAA AAAA	74.3 74.8 74.1 74.7 73.3		72.9 71.9 72.3 73.3 72.6		65.4 65.7 64.7 65.5 64.1		57.2 57.6 56.6 57.4 50.4		45.2 45.5 44.4 45.6 44.5		42.7 42.6 41.9 42.9 40.9M		54.4 54.4 53.6 54.7	
BENTLEY SPRINGS 1 WNW BETHESDA NAT INST HLTH BITTINGER 2 N W BLACKWATER REFUGE BOYDS 2 NW	29.9 32.9 23.4 33.2 31.7		35.4 39.3 31.2 39.3 37.8		38.2 42.4 33.2 42.9 40.2		48.5 52.4 43.8 52.7 50.8		5944 6445M 5547 6244 6047		69.3 71.8 63.2 71.2 70.9		71.7 74.8 66.0 75.7 72.2		70.5 73.2 65.0 73.4 71.2		61.9 64.7 56.8 68.0 63.0		54.7 56.9 51.7 60.5 56.3		42.8 44.3 37.4 49.6 45.3		44.5 36.8 46.4 42.7		55.1 47.0 56.3 53.6	
BRIGHTWOOD DC CAMBRIDGE 4 W CENTREVILLE CHARLOTTE HALL 2 ESE CHELTENHAM 1 NW	33.8 33.8 32.9 33.8 32.3	- à.3	40.2 40.3 40.4 41.3 38.3	2•7	42.2 42.2M 41.8 43.2 41.3	- 2:3	53.2 52.2M 52.2 52.8 51.5	- 1.9	62.7 62.7 62.0 62.9 60.4	- 3.4	73.1M 72.1 71.7 70.5 71.3	8	76.9 76.4 75.1 74.6 74.5	- 1.8	75.4M 75.2 73.4 72.8 72.7M	- 1.8	67.1 68.2M 66.3 65.5 65.0	- 3.0	58.2 59.8 58.4 57.5		46=6M 48=6M 47=5 46=4		44.1 45.5 44.0 46.0		56.4 55.5 55.6	
CHESTERTOWN CHEWSVILLE BRIDGEPORT CLEAR SPRING COLEMAN 3 WNW COLLEGE PARK	33.1 30.9 31.4 33.1M 33.4	- 1.8 - 2.5 - 3.1	39.5 36.5 36.9 39.4 40.2	3.8	41.4 40.4 40.8 42.1 42.9	- 1	51.9 50.0 51.8 52.8 53.0	- 1.0 - 1.1 - 1.1	01.8 02.4M	- 2.1 - 1.2	71.5	1.0	73.1 76.0M 76.2M	- 1.1 - 1.5 6	75.7 71.9 71.9 75.4M 74.5	4 5 5	67.4 63.4 63.1 67.4M 66.8	- 2.0 - 2.4 - 1.7	59.3 55.9 56.7 59.7M 58.5	1.1	4448 4849	1.0 - 1.5 - 2	44.1 42.2 42.1 44.3 44.0	8 • 6 7 • 1 7 • 0	55.8 53.5 53.8 56.2 56.0	:
CONOWINGO DAM CONOWINGO POLICE BRKS CRISFIELD CUMBERLAND CUMBERLAND POLICE BRKS	30.7 31.3 35.6 31.2 31.6	- 4.4	36.8 38.0 42.1 36.2 37.0	2+1	38.4 40.5 45.0 40.3 40.8	- 2.2	49.4 50.6 53.3 50.2 50.7	- 3.5	60.1 62.2 63.5 61.2 61.3	- 3.5	70.6 71.9 74.3 69.6 70.3	- 1-1	73.4 73.3 78.6 71.9 72.5	- +8	73.0 77.5 71.2 71.4	- 45	64.2 65.3 69.9 63.3 63.4	- 2.8	56.3 56.9 62.2 56.1 55.9	- •2	44.9 45.3 50.5 43.6 43.1	- •7	40.9 42.3 47.7 41.2 40.8	6.3	58.3 53.0 53.2	- 1.
DALECARLIA RESVR D C DENTON DISTRICT HEIGHTS DUNDALK EASTON	32.8 32.2M 33.9 34.6 34.5		40.0 39.8 40.5 40.2 41.2		43.1 41.5 42.5 42.7 43.4		53.5 52.1 52.3 53.3 53.6		64.0 62.8 62.3 63.5 03.5		72.9 72.8 73.1 73.6 73.7		76.0 76.1 75.6 76.5 76.5		74.7 75.2M 75.0 75.6 75.8		66.6 67.2 66.7 67.1 67.6		58.7 58.8M 59.0 58.9 59.7		46.8 47.8 47.2 48.3 48.9	•	44.3 45.2M 44.9 45.1 45.9		56.1 56.0 56.1 56.7 57.0	i
EASTON POLICE BRKS ELKTON EMMITSBURG EMMITSBURG 2 SE FORT GEORGE G MEADE	34.0 31.9 32.3	- 2.9	41.5 37.9 M		42.7 40.2 40.4M 41.6	- 2.0 - 2.3		- 1.2 - 1.6	62.8 61.4 60.4 62.2	- 1.7 - 1.9	72.6 71.5 70.5 70.9	- •4		- 1:1 - 2:5	75.0 73.3 71.5 72.4	4 - 1.2	67.6 65.1 63.1M 65.2	- 1.5 - 2.7	59.6 56.9 55.2 57.1	1.4	48.5 46.1 44.6 46.0	.8		7 e 6 6 e 9	56.5 54.2 54.8	-:
FREDERICK POLICE BRKS FREDERICK WB AIRPORT FROSTBURG GLENN DALE BELL STA GREENBELT	31.7 30.2 27.3 32.7 31.8	- 2.5 - 4.1 - 2.9	38 • 2 36 • 2 34 • 0 40 • 0 37 • 5	2.1 2.5 4.4		- 4.7 - 1.7 - 1.9	52.4 49.6 47.5 52.3 49.9	- 3.3 - 1.6 - 1.6	62.2 59.3 58.5 62.5 59.1	- 4.6 - 1.5 - 1.3	56 . 5	- 1.6 - 1.5 3	69.2	- 348 - 244 - 48	68.3	- 2.4 - 1.7 6	60.5	- 5.5 - 2.9 - 1.6	54.0	- 1.4 .5 1.5		- 2.0 8 4	43.4 41.5 39.8 43.9 42.7	6.5 7.9 7.9	54.7 52.8 50.3 55.4 53.8	- 1:
HAGERSTOWN HANCOCK FRUIT LAB KEEDYSVILLE LA PLATA 1 W LAUREL 3 W	31.4 29.9 32.0 33.1 33.4	- 2.1	36.7 34.9 38.0 40.4 40.1	3.9	40.7 38.5 41.5 42.2 42.3	- 1.3	50.8 48.8 51.2 53.0 53.2	- 1.6	52.6 58.1 53.0 53.2 53.6	- •7	71.1 69.3 71.7 71.6 73.5	- •2	72.7 71.3 73.8 75.5 76.2	- 244	71.3 70.5 71.3 72.9 75.7	- 3.1	62.1 61.3 62.0 66.3 67.7	<b>-</b> 5∙3	54.4 54.3 53.8 58.5 59.4	- 2.9	42.8 42.4 46.1 47.4	- 2.5	39.9 39.2 44.8 44.7	4+2	51.6 53.3 55.6 56.5	- 1.
LEONARDTOWN 4 SSW MIDDLE RIVER MILLINGTON NATIONAL ARBORETUM D C NEW GERMANY	33.8 32.7 32.4 35.0M 24.1	- 3.6	41.0M 38.3 39.8 42.0 31.2	3.8	44.0 41.0 41.4 44.2 33.9	- 2.7	53.7 51.5 51.1 54.2M 44.5	- 2.6	54.5 52.1 51.5 54.9 54.9	- 2.6	73.7 71.5 72.1 74.2 66.3		76.0 74.9 75.0 77.0 66.2	- 1.7	75.6 74.4 73.5 76.1 65.5	- 1.4	67.7 66.0 66.5 68.6 56.0M	- 2.2	59.0 58.1 58.1 60.1 50.6	•0	48.7 46.6 47.6 48.6M 35.6	.5	45.6 42.8 44.5 46.1 39.4M	7.4	56.9 55.0 55.3 57.6 47.4	2.
OAKLAND 1 SE OCEAN CITY OWINGS FERRY LANDING PARKTON 2 SW PICARDY	24.8 36.5 34.5 29.9 29.4	- 5.1 - 3.0	33.7 43.0 41.5 35.0 34.8	3.8	44.6	- 2.0 - 1.6	44.7 50.1 53.5 48.5 49.4	- 2.3	60.3	- 1.2	72.1	- 1.7	73.9 75.9 75.9 71.2 71.2	- 1.1	65.9 76.5 74.7 71.2 70.6	- 1.0	57.9 68.8 66.5 62.1 61.7	- 2.9 - 2.9	52.2 61.9 58.7 54.6 55.1	1	4945	5	48.9	7•7 7•3	48.1 57.2 56.6 51.7 52.1	- •
PIKESVILLE POL BRKS POCOMOKE CITY 4 SW PRESTON 1 S PRINCE FREDERICK PRINCESS ANNE 1 E	32.6 34.5 34.1 33.9M 33.4		39.3 42.0 41.2 41.8M 41.2		41.4 43.8 42.6 43.7M 42.8		52.8 51.6 52.3 53.6 51.7		63.5 60.8 61.8 63.7M 61.4		73.6 71.9 72.2 72.6 70.8		76.3 76.1 75.9 76.0 75.0	•	75.8 74.6 74.4 74.8M 73.6		66.6 66.9 67.0 66.7N 67.0	·	59.1 59.8 59.7 59.1 59.6		46.9 48.5 48.6 48.9M 48.7	,	44.1 47.2 46.0 45.9 46.7		56.0 56.3 56.3 56.7 56.0	
RANDALLSTOWN POL BRKS ROCK HALL 3 N ROCKVILLE ROYAL OAK SALISBURY	31.8 33.1 34.2 34.6 35.0	- 2.8	38.0 38.9 41.7 41.3 42.9	3.0	41.2 41.7 43.3 43.4 44.3	- 2.0	52.0 51.6 53.9 53.5 53.2	- 2.0	62.2 61.3M 63.2 63.8 63.1	- 3.1	72.0 71.2 72.8 73.4 73.2	- 1:1	74.1 74.9 75.6 76.9 76.4	- 2.4	73.5 73.9 74.8 75.6 75.1	- 1.3	65.3 66.0 67.4 68.5 67.4	- 3.0	57.7 57.9 59.4 60.2 60.7	5	45.9 47.4 47.4 49.2 50.3	•1	43.2 43.5 44.0 45.7 47.5	<b>,6</b> ∗4	54.8 55.1 56.6 57.2 57.4	- •
SALISBURY POLICE BRKS SALISBURY CAA AIRPORT SANDY POINT SAVAGE RIVER DAM SINES DEEP CREEK	34.6M 33.6 34.2M 25.7 23.7		42.3M 41.1 40.1 33.0 33.1	4.4	43.2M 42.0 41.4M 35.7 34.4	- 1.1	52.9 51.3 51.5 45.8 44.4	- 1.5	62.8M 60.5 62.4 56.1 55.8	4	72.9 71.9 71.8 65.7 63.6		76.5 75.6 75.8 68.7 67.5	2	75.0M 74.5 75.1 67.3 64.1	- 1.9	68.4 66.5 68.2 58.7 56.4	- 3.0	59.9 59.4 60.0 54.0 52.1	2 • 6	49.1 48.0 48.3 40.3 37.8	••	46.4 46.4 44.0 39.3 37.1	7.9	57.0 55.9 56.1 49.2 47.5	.
SNOW HILL SOLOMONS STEVENSVILLE 1 W TAKOMA PARK MISS AVE TONOLOWAY	34.4 35.1 34.5 33.4 30.5	- 4.4 - 4.0 - 2.6	42.2 42.4 40.4 40.2 35.4	3.4 3.3 2.3	44.6 41.4M 42.7		52.0 52.8 52.3 53.7 50.1	- 1.6 - 2.4	63.1 62.9	- 2.1 - 1.6	73.8 72.7 71.9		76.3 76.0 76.3 74.9 71.7	- 3.0 - 3.0	75.6 75.6 73.8		68.2 69.5 68.7 66.3 62.7	- 2.7 - 2.7	51.8 59.5 58.5	2.0	50.5 48.2 46.6	• 2	48.2 46.7 44.0 44.5 41.4	8.9 6.3 7.8	57.2 57.9 56.4 55.8 52.8	-:
TOWSON UNIONVILLE U S SOLDIERS HOME D C UPPER MARLBORO 3 NNW VIENNA	31.9 28.5M 33.3		39.4 35.9 39.5 42.1		41.2 39.2 41.3M		51.5 49.3 52.3 52.6		62.9 59.9 61.7 60.6 62.7		72.2 70.1 72.6 71.7 73.3		75.0 73.0 75.2 74.7 77.0		73.4 71.5 74.2 73.0 75.8		65.0 62.7 66.6 65.5 68.2		56.6 55.3 58.1 57.4 60.5		45.9 43.1 46.2 45.9 49.4		43.4 41.5 43.7 43.0M 46.8		54.9 52.5 55.4 57.3	
VIERS MILL WALDORF POLICE BRKS WASHINGTON WB CITY DC WATERLOO POLICE BRKS WESTERN PORT	32.6M 33.7 34.9 32.3	)	30.9M 41.2 41.4 38.7 37.4	3.9	41.7M 43.0 43.7 41.3 40.9	- 2.0 - 1.6	54.1 53.7 54.5 51.4 51.3	:	62.8 64.3 64.0 61.7 61.5		72.6N 73.1 74.3 72.0 69.4	.4	75.39 76.9 76.9 76.9 74.4 71.9	s - 2.3	72.9	•1 - 1•0	66.4M 66.5 67.6 66.0 63.4	- 241	57.6M 58.5 60.4 57.0 56.5	2.0	45.7	[	44.3H 44.7 45.6 43.2 42.0	7.4 7.1	55.6 56.4 57.2 54.7	
WESTMINSTER WOODSTOCK	30.7 31.1		36 • 5 36 • 9M		38.9 40.0	- 3.0 - 2.4	49.6 50.9	- 2.1	60.6	- 2.0 - 1.8	69.9	- :	72.3 73.9		71.5 72.3		63.0		55.2 56.3	7	44.1	5	41.6	7±1 8±0	52.9 53.7	<b>:</b> :

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS MARYLAND AND DELAMARE 1996

	Jan	nar <del>y</del>	Febr	ruary	Ma	rch	Ap	ril	M	ay .	Ju	ne	Ju	ly	Aug	Just	Septe	mber	Octo	ober	Nove	mber	Dece	uper	Ann	nal
Station	Temperature	Departure	Тетрегатиге	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Тетретацие	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	
DELAWARE RIDGEVILLE 1 NW OVER EORGETOWN 5 SW EMES IDDLETOWN 2 S	32.7 33.2 33.0 32.3 31.3	- 4.4 - 3.6	40.3 40.5 40.9 40.1 39.3		41.7 42.3 42.5 41.3 41.4			- 1.5 - 1.9					75 + 8M 75 + 4 75 + 8 74 + 3 74 + 9	- 14 - 148	74.4 74.3 74.7 74.3 73.8		67.2 67.9 67.3 66.7	- 1:1 - 1:4	59:6 59:6M 59:7 59:3		47.5 45.694 48.6 48.84 47.4	- 2.9	45.4 44.9 46.4 46.6 49.1H	7 • <b>6</b> 7 • <b>0</b>	55:9 86:0 86:3 55:5	-
LLFORD EWARK COLLEGE FARM ELBYVILLE LLMGTON NCASTLE WB AP LLMINGTON PORTER RESV		- 1.5	39.7 37.3 41.5 37.5 36.8	3.8	42.6 39.3 43.1 38.6 38.0	~ 3.9	5148 48.7M 50.8 49.9 48.9	- 1.9	62.4M 60.7 61.3 59.9 59.1	2.9	71.9M 71.2 72.1 71.7 71.2	- •1	75.2 73.3 75.1 73.4 72.7	- 2.5	74.8 72.8 74.1 73.4 73.2	4	67.2 65.1 66.9 64.6 64.2	- 3,4	59.6 57.0M 59.7 56.8 57.1		48.7 46.1 49.2 45.2 45.3	3	45.9 42.0 47.6 41.3 41.4	8.2	\$6.0 \$3.7 \$6.3 \$8.7 \$3.2	-

Table 2		101	AL	LKI	LCII		7110	JN A	TNE	וט נ	12A 	KIU	ne:	11 0		I L	MG	—1 F	'UM	IVI E	WIN	۵	140	RILAN	L AND D	1956
	Janu	Ary	Febru	агу	Mar	ch	Ap	ril	м	ay	Ju	76.	Ju	ly	Aug	gust	Septe	mber	Octo	bez	Nova	mber	Decer	nber	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 ACAD ANNAPOLIS 2 WNW BALTIMORE SLEDDS PT BALTIMORE WB AIRPORT	1.82 1.98 2.77 2.49 2.49	-1.57 -1.26 -1.17	3.92 2.68 E 3.71 3.52 3.38	1.30 .22	5.01 3.34 E 4.54 E 4.20 4.11	1.31 24	2.42 1.80 2.22 2.09 2.18		1.99 1.57 2.17 1.81 2.38	-2.02 -2.42 -1.63	3.25 3.69 5.10 3.88 2.11	08 .11 -1.41	4.82 3.46 6.23 5.97 7.06	1•15 - •44 3•12	4.42 2.09 1.62 2.27 1.81	-2.50	3.26 3.29 3.23 3.62 3.42	04	3.17 3.92 5.02 4.12 4.65	.45 1.33	9.12 4.67 4.34 2.66 2.69	6:03 1:91	3.94 3.43 4.58 3.45 3.22	1.06 .59	47.14 E35.92 E45.53 E40.08	6.72 - 4.48 - 3.09
BALTIMORE WB CITY BALTIMORE PARKVILLE BELTSVILLE BELTSVILLE PLANT STA 1 BELTSVILLE PLANT STA 2 BELTSVILLE PLANT STA 2	2.21 2.29 2.41 2.07 2.11	-1745	3.98 3.92 2.99 3.09 3.03	•99	4.32 5.22 3.90 3.79 3.67	.69	2.55 2.96 1.81 1.70 1.69	-1.17	1.84 3.19 2.38 2.01 1.82	-2.17	4.83 3.74 4.67 2.56 2.63	1.31	6:02 6:27 5:47 5:32 4:62	2.08	2.05 2.55 1.72 1.77 1.49	-2.33	3.13 3.32 3.37 3.55 3.12	33	4.19 3.93 3.25 2.88 2.20	•82	2.83 3.22 3.21 3.09 2.67	13	3.31 3.58 3.24 3.17 3.04	• 36	41.26 E44.19 E38.42 35.00 32.09	- 1.33
BELISVILLE PLANT STA 3 BELTSVILLE PLANT STA 5 BELTSVILLE PLANT STA 6 BELTSVILLE PLANT STA 6 BENSON POLICE BARRACKS BENTLEY SPRINGS 1 WNW	2.18		2.98 3.00 3.07 2.99 E 4.00		3.83 3.75 3.81 3.71 5.32		1.69 1.73 1.89 1.76 2.69		2.16 2.07 2.15 2.12 3.11		3.30 3.15 2.38 2.47 5.01		5.03 5.35 5.18 6.72		1.72 1.94 1.83 3.12		3.41 3.55 3.56 3.48 5.63		2.45 2.65 2.80 2.92 3.07		2.60 2.67 2.86 2.87 5.49		2.95 3.02 3.23 3.17 3.79		34.38 34.51 35.22 E34.68 E49.96	
BETHESDA NAT INST HLTH BITTINGER 2 N W BLACKWATER REFUGE BOYDS 2 NW BRIGHTON DAM	1.96 3.21 2.24 E 2.37		2.36 5.95 3.68 3.92 3.47		3.79 4.76 4.07 3.65		2.75 4.12 2.15 1.90		2.68 7.29 2.50 1.62		1.74 6.76 3.35 2.06	4	7.55 4.07 6.53 9.61 B.17		2.29 8.76 2.69 1.71		3.66 3.76 4.03 4.52 5.06		2.76 2.18 4.65 3.37		.97 2.64 5.33 1.15		2.44 4.57 3.51 2.76		34.95 58.07 E44.73 E38.64 E38.09	
BROOKDALE BURNT MILLS RESERVOIR CAMBRIDGE 4 W CENTREVILLE	2.45 E 2.06 2.18	-1.47	3.24 3.51 3.12 2.91	•22	4.82 4.62 3.71	. 79	2.31 2.38 2.03	-1:14	2.47 2.36 2.52	-1.45	2.99 3.83 2.86	. 15	6.88 4.59 3.10 4.47	-1.77	2.23 1.50 2.12	-3.27	4.25 3.37 2.72	-1.33	3.68 2.80 3.52 4.37	•47	1.84 2.02 7.32 6.18	3.70	2.57 3.14 3.63 3.31	• 61	39.73 E40.78 40.80	- 4.59
CHARLOTTE HALL 2 ESE CHELTENHAM 1 NW CHESTERTOWN CHEWSVILLE BRIDGEPORT CLEAR SPRING	2.24 3.14 2.34 2.26	- •62 - •20	2.89 2.90 3.33 3.88	•23 1•99	3.83 3.54 5.03 3.19	- •22	2.63 3.35 2.50 2.78	- •38 - •26	2.54 2.34 4.37 3.21 2.91	-1.99 84	4.98 4.21 4.37 1.67	.59 -1.94	7.26 5.86 5.89 10.01 6.05	1.37 6.59	1.68 2.85 2.47 2.84	-2.66 -1.37	3.40 4.37 2.81 4.93 4.61	.10 1.88	3.73 4.95	1.88	2.84 5.66 1.91 1.91	- •82	3.82 2.86 4.28	•17	42.36 46.32 44.49 E47.86	7:02
COLEMAN 3 WNW COLLEGE PARK CONOWINGO DAM CONOWINGO POLICE BRKS CRISFIELD	2.26 2.19 2.07 2.41 2.59	-1.50 -1.21	3.13 4.33 4.62 3.66	.63	4.60 4.36 4.81 5.11	.72 .62	2.88 1.99 2.63 2.83	- #55 -1#37	2.70 1.85 3.45 2.82 4.76	-1.62 -2.60	3.28 2.51 3.55 4.28	39 -1.44 25	7.74 5.56 4.78 5.50	3.89 1.68	4.72 1.53 3.89 4.30	-2.00	3.53 3.19 4.98 5.44 2.57	77 -1.34	3.69 3.20 3.21 3.41 6.82	- •66 - •06	6.23 2.89 3.21 5.30	59	3.85 3.11 3.83 4.06	.83 .11	E49.08 35.51 44.74 E50.08	5.51 - 8.65
CUMBERLAND CUMBERLAND POLICE BRKS DALECARLIA RESVR D C DENTON DISTRICT HEIGHTS	2.01 2.33 2.83 2.34		4.74 4.75 3.49 3.26		3.26 3.39 4.43 4.22 3.83		3.07 3.09 2.45 2.83		3.67 4.58 2.20 2.73 2.03		6.47 4.42 3.24 3.61 4.02		5.09 3.19 9.20 8.75		5.63 5.99 2.39 1.97		3.31 4.43 5.10 2.37		1.80 2.46 3.73 5.07		.67 2.34 2.33 7.52 3.66		4.35 4.74 3.42 4.07		44.07 45.71 44.81 48.74	
DUNDALK EASTON EASTON POLICE BRKS EDGEMONT ELKTON	2.49 2.22 2.34 2.26	-1.33 67	3.83 3.08 3.10 4.19	•21 1•08	4.46 4.06 4.33 3.74 5.32	.40 1.11	2.37 2.07 2.41 4.31 2.79	-1•18 - •77	2.45 3.53 3.35 3.56	68 -2.59	3.04 2.82 3.29 1.70	19 1.86	5.80 7.13 7.63 5.06 7.97	3.30 3.81	2.32 3.01 2.87 2.81 5.51	· !	5.66 2.24 1.85 4.11 2.73	~2.18 55	3.26 4.44 4.77 4.29 3.72	1.73	2.57 11.66 9.02 3.26 4.78	5.78 1.18	3.60 3.34 3.88 2.72	•77	41.85 49.60 48.84 42.01 50.93	4.53 5.86
EMMITSBURG EMMITSBURG 2 SE FORT GEORGE G MEADE FREDERICK POLICE BRKS FREDERICK WB AIRPORT	2.61 2.96 2.06	- •82	3.67 4.02 4.20	1.62	4.36 4.08 3.74	.43	2.13 2.46 2.10	-1.40	3.50 1.88 1.63	-1.09	2.17 2.83 3.75	-1.28	6.02 5.16 9.51 8.82	5.17	2.70 2.00 1.98		3.03 2.72 3.68 4.11	.55	4.57 3.31 2.99	•15	2.17 3.23 2.74 2.39	56	2.24 3.54 4.12 2.84	08	37.44 43.92 40.79	.56
FREDERICK 3 E FROSTBURG GLENN DALE BELL STA GREENBELT HAGERSTOWN	2.62 2.19 2.39 2.65	-1:04 - :74	4.22 4.92 3.19 2.90	2.66 .45	4.78 4.12 4.22 4.22 3.21	•06 •36	2.00 3.66 2.21 1.92 3.05	*16 -1:29	1.33 5.44 2.03 2.27	1.21 -2.44	4.49 4.68 3.44 2.88	- •14 - •61	7.83 4.70 8.34 6.73	1:14	1.79 6.74 1.98 1.49		3.92 3.45 2.78 3.21 5.11		3.67 3.50 3.65 3.46	•31 •25	2.85 1.39 3.55 3.41 2.12	-1.33 .24	2.97 4.20 3.49 3.72 3.72	1:49 :59	42:47 49:09 41:27 E38:86 45:14	7.72 - 3.52
HANCOCK FRUIT LAB KEEDYSVILLE LA PLATA 1 W LAUREL 3 W LEONARDTOWN 4 SSW	2.34 2.49 2.25 1.95	43 10 -1.77	4.02 3.90 2.78 3.56	2.07 1.92 03	3.79 3.90 3.96 3.81 2.78	• 22 • 70 • 23		- •53 -1•22 -2•11	2.52 1.71 3.13 2.03	-2.19	5.33 1.47 2.51 3.17	1.64 -1.98 -1.47	5.77 10.19 7.60 6.32 5.56	2.29 5.31 2.50	2.24 2.71 1.32	-1.89 -2.47	2.97 3.80 3.39 4.30 5.68	01 .34 83	3.15 4.74 4.83 3.07	1:48 1:21	2.51 2.68 4.78	-1.91 -1.27 62	3.31 2.70 2.32 3.27	- •21 - •87	E42.00 40.67 E39.53 37.43	4.50 1.89 - 7.37
LOCH RAVEN DAM LUKE MERRILL MIDDLE RIVER MILLINGTON	3.17 2.24 2.44 E 2.29	-2.10	5.11 4.94 5.19 3.25	•44	4.67 3.44 3.66 4.11 3.40	- 149	3.10 3.40 3.28 2.69	- •91	2.93 4.42 5.84 3.00 2.56	-1.47	3.48 4.03 7.10 2.83	-1.37	5.62 3.00 3.41 5.04	2,58	2.13 6.31 6.66 1.97		3.56 3.17 2.80 3.57	-1.42	4.54 2.26 2.16 3.05	1.28	1.25 1.55 3.73	5.07	3.39 3.94 4.49 3.62	<b>.</b> 76	46.70 42.40 48.58 E39.15	2.88
NATIONAL ARBORETUM D C NEW GERMANY OAKLAND 1 SE OCEAN CITY OWINGS FERRY LANDING	2.62 3.30 3.89 3.54 2.03	44 -1.66	7.21 7.19 2.81	3.97	4.22 4.69 5.59 2.17	•86 - •78	2.29 4.53 4.29 .47 2.50	•13 -1±07	1.72 6.38 7.78 1.24	3.12 -1.70	3.42 4.84 6.11 2.01 3.71	1.26	6.15 5.70 5.97	1±04 2±70	7.95 7.40 1.67	2.87	3.93 3.06 4.25 3.82 4.98	•93	2.30 2.20 8.27 5.38	- •88 2•29	1.68 2.01 .74	-1.24 1.11	3.36 5.56 6.74 2.15	3112 - 144	34.86 42.07	14.74
PARKTON 2 SN PICARDY PIKESVILLE POL BRKS POCOMOKE CITY 4 SW PRESTON 1 5	1.94 E 2.61 3.41 2.69 2.08	- •28	4.05 4.55 4.18 3.43	2.54	4.43 4.64 4.82 3.80	1.17	2.99 2.37 2.86 4.07	- •58	2.94 3.23 2.02 6.19 2.64	34	1.90 5.78 4.29 4.19	2.07	8+18 4+81 7+63 6+12 9+34 7+56	1.35	2.90 4.62 2.07 2.68 1.61	. 59	3.54 3.52 3.00 5.77 2.63 3.48	•70	3.75 2.54 4.38 9.68 4.57 5.57	- •55	2.35 .11 2.33 2.08 5.95	-2.54	3.29 4.72 3.66 3.06 3.34	2.19	42.26 E43.50 44.65 53.76	6+32
PRINCE FREDERICK PRINCESS ANNE 1 E RANDALLSTOWN POL BRKS ROCK HALL 3 N ROCKVILLE	3.08 2.11 1.86 E 2.07	-1.61	2.78 4.31 4.44 2.98 3.80	•24	3.40 3.69 4.03 4.35	. 58	2.95 3.51 2.95 2.52	-1.00	1.93 3.51 1.71 3.85	87	4.86 5.36 4.04 3.22	- •23	4.78 9.90 5.75 5.49	1.40	5.96 2.11 2.23 1.89		3.74 3.92 4.26 4.59 3.12	•78	8.30 4.43 2.62 3.39 5.15	- •39	3.49 2.31 1.85 4.45	1.29	2.73 3.41 3.51 3.56 2.66 3.79	• 53	42:84 51:96 45:00 41:65 E34:09	- 1.91
ROYAL OAK SALISBURY SALISBURY POLICE BRKS SALISBURY CAA AIRPORT SANDY POINT SAVAGE RIVER DAM	2.59 2.77 E 3.05 2.90	-1.13	3.30 3.74 3.81 3.74 2.79	•68	4.19 3.09 4.22 3.55 3.88	70	2.33 2.56 2.58 2.56 2.18	- •77	3.53 3.03 2.73 4.69	70	3.45 3.60 3.38 4.12	18	5.61 8.22 5.79 4.22 3.95	1.39	2.58 2.49 2.32 2.86 0.60		2.74 2.85 5.12 2.55 3.41	-1.88	8.15 6.78 8.46 3.49 2.25	4.95	2:17 2:94 2:73 4:02 1:25	-1.08	3.27 3.90 2.98 3.29 4.47	. 23	88.72 43.15 E47.20 48.22 E37.67 45.07	- 2.76
SAVAGE RIVER DAM SHALLMAR SINES DEEP CREEK SNOW HILL SOLOMONS STEVENSVILLE 1 W	1.97 2.88 3.39 2.86 2.32 1.52	74 -1.21 -1.30	5.21 5.87 7.37 3.96	3.97 .67	3.53 4.79 5.61 4.51 3.18 3.87	.83 .03	3.10 3.54 3.76 4.71 2.58 2.19	- :44 1:11 - :91	5.16 5.79 7.74 3.31 3.52 1.83	3.10 30 37	4.17 4.34 4.74 3.62	34 - 11 15	3.22 6.28 6.48 7.84 4.52	1:54 1:74 2:61	7.99 9.22 2.78	4.75 -3.03	4.88 5.15 3.69 4.25 3.09	1.80 98	2.25 2.90 1.78 8.64 5.80 3.18	-1.21 5.22	1.45	-1.26 56 4.07	5.14 6.50 2.75 2.85 3.47	2.84 - :56 - :04	52.79 E63.44 50.31	14.84 2.24 3.89
TAKONA PARK MISS AVE TONOLOWAY TOWSON UNIONVILLE U S SOLDIERS HOME D C	2.08 2.39 2.26	- •33 -1•43	2.51 3.06 4.39 4.03 3.81	2.42	3.81 4.05 4.73 3.87	•42 •46	1.98 2.69 2.66 2.41	- •43 -1•20	2.05 2.82 2.08	98 -2.23	3.49 2.53 4.11 3.85 4.23	•21 •11	5.05 8.89 8.72	5.53 4.97	1.76 5.28 2.60	1.78 -2.05	3.60 2.57 3.18 3.18	39	3.04 3.17 3.63 2.61	- •11 •00	2.31 .22 3.51 2.22	-2.41 .05	3.32 4.00 3.45 2.85	1:26 :07	34.92 34.59 E44.58 44.70 42.73	7.07 48
UPPER MARLBORO 3 NNW VIENNA VIERS MILL WALDORF POLICE BRKS	2.62 2.68 1.72		3.49 3.53 3.10		4.17 3.41 4.68 3.56	,	2.15 3.05 1.06 2.12		2.35 1.63 1.88 2.20	_,	4.86 4.10 3.72 2.42 2.69		7.07 2.58 7.27 7.76		1.75 2.27 1.53 1.85		3.53 4.40 3.72 4.10 2.65		3.07 3.76 5.69 3.16		2.64 3.43 4.95 1.96	_	3.03 3.20 3.63 3.19 2.75		40.27 E38.10	
WASHINGTON WE CITY DO WATERLOO POLICE BRKS WESTERN PORT WESTMINSTER WILLIAMSPORT WOODSTOCK	2.56 3.40 1.90 2.41 2.15 2.46	85 -1.26 -1.02	2.94 3.70 5.87 4.54 3.88 3.80	.30 3.57 1.87	4.16 4.58 4.52 4.75 3.31 4.20	.80 .64 .59	2.18 2.02 3.13 2.80 3.03 3.71	- 123	2.22 1.88 3.82 2.99 2.11 1.74	-1.69 41 98 -2.48	3.81 2.76 3.68 4.17 2.01 4.32	72 07	5.93 6.27 3.08 12.73 7.00 8.41	1.82 50 8.68 4.63	1.76 1.87 5.84 2.41 3.68 2.03	1.60 -2.67	3.89 5.31 2.84 3.54 4.51 4.48	47 41 -19	3.24 3.70 2.06 3.76 4.62 3.43	•27 - •77 •21	2.46 2.23 1.17 2.46 2.46 1.86		3.05 4.05 4.33 3.18 3.44 3.69	.30 1.74 15	38.20 41.87 E42.24 49.74 42.20 44.13	2.00 4.81
**		1							,-,-																	

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

MARYLAND AND DELAWARE

Table	2-Con	tinu

	Janu	ıar <del>y</del>	Febr	uary	Mar	ch	Ap	oril	M	<b>ay</b>	Ju	10	Ju	7	Aug	rust	Septe	mber	Octo	ber	Nove	mber	Decer	прег	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
DELAWARE							٠.																	1		
IDGEVILLE 1 NW VER ORGETOWN 5 SW WES DOLETOWN 2 S				.57 .48		04 33				89 -2.08	4:13 3:56 4:76 4:46 3:11	03	5.05 5.77 10.35 3.84	2.30 .55						1:84 2:75		.64 3.02		• 75	44.31 48.11 E48.82 55.35 E43.33	1.7
LFORD WARK COLLEGE FARM LBYVILLE LMGTON NCASTLE WB AP				1.23	3.95 4.72 3.16 5.18 5.36	1.57				-1.69 -1.79		44 20		2.90 4.07	2.47 4.04 4.08 3.58 3.05	-1.70		-1.03				2.61 1.67		1.10		3.

							Las	st sp	ning mir	nimu	m of						Fi	rst fa	ıll minir	num	of						ber of		
Station	tse.				l6° c		20° d		24° c belo		28° c		32° o below		32° o belov		28° d		24° o belo		20° belo		16°		below	below	below	below	below
	Highe	Date	Lowest	Date	Date	Temp.	Date	Тешр.	Date	Temp.	Date	Temp.	Date	Тетр.	Date	Temp.	Date	Тепр.	Date	Temp.	Date	Temp.	Date	Temp.	16° or	20° or	24° or	28° or	32° or
MARYLAND ABERDEEN PHILLIPS FIELD ANNAPOLIS U S N ACADEMY ANNAPOLIS 2 WNW BALTIMORE SLEDDS PT BALTIMORE WB AIRPORT	96 95 96 99	6-13 6-13 6-13+ 6-13+ 6-13+	16 20 11 17 14	1- 1+ 2-22 1-24 1-25+ 1-25	1-27 None 3-20 None 3-1	16 15	3- 1 2-22 3-20 3- 1 3-20	20 20 15 20	3-25 3-20	23 23 22 23	4- 1 3-27 4-25 4- 1 4- 1	27 27 28 27	3-27 4-25 4-21	31 27 28 30	11-10 11-23 10-11 11-20 10-11	30 25 32 30	11-23 11-11 11-23	25 28 25	11-24 11-23 11-24	20 22 20 18	None 11-23 11-24	20 20 18	None None 11-24 None	13	249	248 268	231 249 236 244 243	241 200 236	241 169 213
BALTIMORE WB CITY BALTIMORE PARKVILLE BELTSVILLE BELTSVILLE PLANT STA 1 BELTSVILLE PLANT STA 2	100 97 96 96 95	6-13 6-13 6-14+ 6-15 6-14+	20 12 5 9	1- 9+ 1- 9 1-28 1-28 1-28	None 1-24 3- 1 3- 1 3-20	16 14 15	2-22 3-25 3-22 3-22 4- 1	20 20 20 19	2-24 3-25 4-21 4-21 4-25	24 20 21 24	3-25 4-21 5-17 4-25 5-17	25 28 26 25	3-28	32 32 31 31	11-22 11-11 9-21 9-21	32 25 30 31	11-23	25 25 28 24	11-24 11-23 11-11 11-11	23 24 24 24 24	None 11-24 11-24 11-24	18 17 16	None None 11-25 11-24	16	268	244 247 247	274 243 204 204	243 204 147 200	239 178 119 119
BELTSVILLE PLANT STA 3 BELTSVILLE PLANT STA 4 BELTSVILLE PLANT STA 5 BELTSVILLE PLANT STA 6 BENSON POLICE BARRACKS	95 97 96 98 95	6-14+ 6-15 6-14+ 6-15 7- 2	11 15 6 14	1-28 1-24+ 1-28 2-24	3- 1 2-24 3- 1 2-24 3-20	13 14	3-20 3-25 4- 1 3-25 3-29	20 20 20	4- 1 4- 1 4-25 4- 1 3-29	24 24 24	5-17 4-21 5-17 4-21 3-29	28 28 28	5-17 5-25	31 29	11-11 9-21 11-11	28 30 27	10-11	28 28 27	11-23 11-11 11-23	23 22 23	11-24 11-23 11-24	16 20 15	11-24 11-24 11-24	16 14 15	274 268 274	244 236 244	236 200 236	204 147 204	178 119 178
BENTLEY SPRINGS 1 WNW BETHESDA NAT INST HLTH BITTINGER 2 NW BLACKWATER REFUGE BOYDS 2 NW	98 97 86 95 94	7-3 6-14 7-2 8-31 6-13	5 10 0 15 13	1-28 1-28 11-24 1-28 1-26+	3-21 2-24 3-25 1-28 3-20	9 15	3-25 3-21 4- 1 3- 1 3-20	18 17 20	4-21 4-25 5-17 3- 1 4- 1	24 24 20	5-17 4-25 5-17 4- 1 5-17	24 24 28	5-25 4-25 5-25 4-25 5-17	24 30 32	9-21 9-21 11-11	26 29	11-11 9-21	28 26 19	11-10 11-24	23 22 19	11-24 11-11 11-24	16 20 19	11-24 11-23 None	16 10	274 243	248 224 268	212 177 268	200 127 237	149 119 200
BRIGHTWOOD DC CAMBRIDGE 4 W CENTREVILLE CHARLOTTE HALL 2 ESE CHELTENHAM 1 NW	97 95 95 94 95	6-14+ 6-14+ 6-13+ 9- 1 5-15+	20 11 9 10	1- 8+ 2-22 1-28 11-24	None 2-24 2-24 1-28 2-24	16 15	2~22 2~24 3~22 3~20 3~ 1	16 20 19	3-25 3-25 4- 1 3-25 4- 1	23 24 22	3-25 4- 1 4-25 4-21 4-25	28 27 27	4-25	30 32 32	11-11 11-11 11-10 9-21 9-21	28 28 31	11-11	28 28	11-24 11-24	22 17	None 11-24	17	None None	10	- - 301	247		224 199	200 185
CHESTERTOWN CHEWSVILLE BRIDGEPORT CLEAR SPRING COLEMAN 3 WNW COLLEGE PARK	97 96 97 95 97	6-14+ 6-13+ 6-13 7- 2+ 6-13+	15 6 8 18 10	1-28 1-28 1-28 1- 2+ 1-28	1-28 2-24 2-24 None 3- 1	14 12	2-22 3-21 3-20 2-24 3-22	17 20 19	3-25 4- 1 3-25 3-25 4- 1	23 21 23	3-25 4-25 4-25 3-25 4-25	26 26 23	5-17 5-17 4- 1	29 30 32	11-10 9-21 9-21 11-11 10-11	30 32 25	11-11 11-11 11-11	24 24 25	11-11 11-11 11-24	24 24 21	11-24 11-24 12-31	15 14 19	11-24 11-24 None	14	274	248 249 311	231 244	200 200 231	127 127 224
CONOWINGO DAM CONOWINGO POLICE BRKS CRISFIELD CUMBERLAND CUMBERLAND CUMBERLAND	97 95 93 95 96	7- 2 6-13+ 7- 2 6-13 6-14	8 6 23 8 7	1-28 1-28 1- 8+ 1-28 1-28	2-24 2-24 None 2-24 3-21	10 13	3-22 3-25 None 3-25 3-25	20 19	3-25 3-25 2-22 4- 1 4- 1	20 24 24	4- 1 4-21 3-25 4-25 5-17	28 28 26	4-25 3-25	31 28 29	11-23 9-21	31 32 30	10-12	28 23 25	11-11 11-24 11-19	22 23 24	11-24 None 11-23	15 20	11-24 None 11-24	10	274	243	231 276 232	174 244 200	149 243 127
DALECARLIA RESERVOIR D C DENTON DISTRICT HEIGHTS DUNDALK EASTON	96 97 95 96 96	6-13+ 6-14 6-13+ 7- 2 6-14	10 12 17 19 19	1-28 1- 1+ 1-28 1- 2 1-28	1-28 2-24 None None None		3- 1 3-22 2-24 2-22 2-22	20 20	3-25 3-27 3-25 3-25 3-20	24 22 24	4-21 4-25 4- 1 3-25 3-27	28 28 24	4-25	28 32 32	9-21 10-11 - 11-11 11-11	31 29	11-11 11-23	24 29 27	11-11 11-23 11-24	24 24 22	11-24 11-24 None	16	11-24	16	274 - - -	268 247 274 -	229 243 244	200	169 204
EASTON POLICE BRES ELKTON EMMITSBURG EMMITSBURG 2 SE FORT GEORGE G MEADE	96 97 96 97	6-15 6-13 - 7- 2 6-14	18 - 9 - 4	1-28+ 1-25 - - 1-28	None 2-24 - - 3-20		2-24 3-20 3-25 - 4- 1	20 20			3-27 4-10 4- 1 - 5-17	28 28		30 29		31 27	-	22 27	11-11 - 11-11	22 22	11-24 - 11-24	16 16	11-24 - 11-24	16	-	274 249 - 237	231	215	-
FREDERICK POLICE BRKS FREDERICK WB AIRPORT FROSTBURG GLENN DALE BELL STA GREENBELT	96 96 91 96 95	6-13+ 6-13+ 6-13+ 6-13+ 6-14+	8 2 6 7 7	1~28 1~28 1~28 1~28 1~28	1-28 3-21 3-25 3-21 3- 1	14 16	4- 1 3-22 3-25 4- 1 3-25	14 20	4-1 4-25 4-25 4-21 4-1	24	4-25 5-17 5-17 5-17 4-25	27 28	5-17   5-25   5-25   5	28 30	9-21 9-21	32 28 30	11-11 11-10 9-21 11-11 10-12	25 28 23	11-11 11-11 11-11	23 23 23	11-24 11-23 11-23	17 15 20	11-25 11-23 11-24	15 15 12	249 243 248	247 243 236	200 200 204	127 178	127 119 119
HAGERSTOWN HANCOCK PRUIT LAB KEEDYSYILLE LA PLATA 1 W LAUREL 3 W	96 95 100 96 98	7- 1+ 6-14 6-13+ 6-14+ 6-13	11 5 5 11 15	1-28 1-28 1-28 1- 1+ 1-27	2-22 3-21 3-21 3- 1 1-27	13 14 14	3-25 4-21 3-22 3-22 2-24	20 19 17	3-25 4-21 4-21 - 3-27	20 22	4-25 5-25 4-25 - 3-27	28 26	5-25 5-25 5-25	32 28 30 32 31	9-21 9-21	28 27 31	9-21 11-11	28 27 25	11-11 11-11 11-19	21 22 23	11-19 11-19 11-23	19 19 20	11-24 11-24 11-24	11	248 248	212 242 246	204	119 149 -	119 119 119
LEONARDTOWN 4 SSW MIDDLE RIVER MILLINGTON NATIONAL ARBORETUM D C NEW GERMANY	99 96 97 98 85	6-15 6-13+ 6-14 6-14 6-13+	15 14 9 16 - 9	1- 1+ 1-28 1-28 1-28 1-28	1-28 1-28 2-24 1-28 3-25	14 15 16	3- 1 3- 1 3-21 3- 1 4-12	20 20 20	3-22 4-25 3-25 3-25 4-25	23 23 24	4-25 4-21 4- 1 4- 1 5-25	28 25 27	4-25 4-25 4-25	32 29 30	11-11 11-11 10-11 11-19 9- 9	32 31 29	11-23 11-11 11-20	26 23 28	11-24 11-24 11-11 11-24 9-21	17 23 19	11-24 11-24 11-24	17 16 19	None 11-24 None	16 16	274	268 248 268	247 244 231 244 149	216 224 233	200 169 208
OAKLAND 1 SE OCEAN CITY OWINGS FERRY LANDING PARKTON 2 SW PICARDY	87 94 96 94 93	7- 2 6-14+ 6-14+ 6-13 6-13	-11 20 15 12 6	1-28 2-22 1-28 1- 2+ 1-24	4- 1 None 1-28 3- 1 3-20	16	4-21 2-22 2-24 3-25 3-25	18 17	5- 8 3-25 3-25 4-21 4-25	23 23 23	5-25 3-25 4- 1 5-17 5-17	23 27 28	5-25 4-9 4-25 5-17 5-25	29 : 28 :	9-10 11-22 10-11 9-21 9-21	32	11-11 11-10	28 22	11-23	23	11-24 11-23	16 17	11-24 11-24	16	301 268	274 243	243	224 177	169 127
PIKESVILLE POLICE BRKS POCOMOKE CITY 4 SW PRESTON 1 S PRINCE FREDERICK PRINCESS ANNE 1 E	100 93 95 95 95	7- 2 7- 2+ 6-14+ 5-14+ 6-14+	11 14 17 15 11	1-25+ 1-28 1- 1+ 2-24+ 1-25+	2-22 1-28 None 2-24 3- 1	14 15	3-20 3- 1 2-24 3- 1 3-25	19 18 18	3-25 3-25 3-25 3-25 4-25	24 24	4-1 4-25 4-25 4-1 5-9	28 28 25	5- 9 3 4-25 5 5-17	30 28 31	11-11 11-11 10-11 11-11 9-21	25 32 28	11-11 11-11 11-11	25 26 28	11-23 11-24 11-23	23 18 22	11-24 11-24 11-24	15 18 15	11-24 None 11-24	15 15	301 274	268 274 268	243 244 243	200 200 224	186 169 178
RANDALLSTOWN POL BRKS ROCK HALL 3 N ROCKYLLLE ROYAL OAK SALISBURY	98 94 96 95 95	6-14 9- 1 7- 2 6-14+ 6-14+	10 15 18 16	1- 2 1-28 1-28 1- 1+ 1-28	2-22 1-28 1-28 None 1-28	10 15 16	3-25 3- 1 2-24 2-24 3- 1	19 19 19	3-25 3-25 3-25 3-1 3-25	24 22 23	4-21 4-10 4- 1 4- 1 4-25	28 28 28 28	4-25 4-25 4-10 4-25	31 31 32 28	10-11 10-11 10-12 11-11 11-11	31 31 29 27	11-11 11-23 11-19 11-11	25 23 28 27	11-24 11-23 11-24 11-24	20 23 22 18	11-24 11-24 None 11-24	20 17 18	11-25 None None None	16	302 - - -	268 274 - 268	244 243 268 244	215 236 232 200	169 170 215 200
SALISBURY POLICE BRKS SALISBURY CAA AIRPORT SANDY POINT SAVAGE RIVER DAM SINES DEEP CREEK	96 96 96 90 89	6-14+ 6-14 6-14+ 6-14+ 7- 2+	11 14 18 0 - 6	11-24 1-28+ 1-24+ 1-28 1-28	2-24 2-24 None 3-22 3-25	14	3-23 3- 1 2-24 3-26 4- 1	17 20 19	4- 1 3-25 3-25 4- 1 4-21	24 22	4-25 4-25 4- 1 4-21 5-17	27 26	4-21 2 5-25 3	29   : 32	9-21 11-11 11-20 9-21 9-10	32 29	11-23 10-11	27 27	11-24 11-18	20	11-24 11-23	20 19	None 11-24	7	247	274 242	236 244 244 231 153	236 173	213 119
SNOW HILL SOLOMONS STEVENSVILLE 1 W TAKOMA PARK MISS AVE TONOLOWAY	97 96 95 95 95	6-14+ 8-19 6-13 6-14+ 6-14	15 18 20 13 5	1-28+ 12-31 1- 8+ 1-21 1-28	1-28 None None 1-28 3-20	15	3- 1 None 1- 8 3- 1 3-21	20 20	3-25 2-22 3-25 3-25 4-21	22 24 23	4- 1 3-25 3-25 4- 1 4-25	26 24 27 27	4- 1 3 3-31 3 4-25 3	32 : 32 :	11-11 11-11 11-11 11-11 9-21	29 29 29	11-24 11-23 11-19	23 27 28	11-24 11-24 11-23	23 21 24	12-31 12-31 11-24	18 20 18	None None None		=	358 268	244 276 244 243 204	244 243 232	224 225 200
TOWSON UNIONVILLE U S SOLDIERS HOME D C UPPER MARLBORO 3 NNW VIENNA	96 95 98 96	6-14+ 6-14 6-14+ 6-17 6-14+	10 ~ 2 18 -	1-28 1-28 2-22 - 1-28	2-24 3-22 None - 1-28	16	3-20 4-21 2-23 - 1-28	19 20	3-25 4-25 3-25 - 3-25	24 23	4-21 5-25 3-26 - 4- 1	28 27	5-25 2 4-25 3	32 1 29 1 29	9-21 9-21 11-11 10-11 9-21	29 30 29 32	10-11 11-23 11-11 11-11	25 25 24 28	11-11 11-24 11-11 11-24	20 19 24 20	11-11 11-24 11-24 11-24 11-24	20 19 15 20	11-24 None 11-24 None	13 15	247 - - -	204 275 - 301	244	139 242 - 224	119 200 147 149
VIERS MILL WALDORF POLICE BRKS	96 98	6-14+ 6-13+	8 12	1-28 11-25	2-24 2-24		3-20 3-22		4- 1 4-21	24 23	4-25 4-25	27 28	5-25 5-17	32 31	9-21 9-21	32 32	11-11 10-11	26 28	11-23 11-23	23 24	11-24 11-24	16 15	11-24 11-24	16 15	274 274	249 247	236 216	200 169	119 127

Table 3-Continued

,							Las	at sp	ring mi	nim	um of						Fi	rst fa	all minir	mun	ı of						ber o		
Station					· 16"		20° d		24° belo		28° d belo		32° belo		32° d		28° d		24° d belo		20°		16° d		below	below	below	below	
	Highest	Date	Lowest	Date	Date	Тетр.	Date	Temp.	Date	Temp.	Date	Тетр.	Date	Тетр.	Date	Тешр.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	16° or 1	ĕ	24° or	28° or ]	1
WASHINGTON WB CITY D C WATERLOO POLICE BRES WESTERN PORT WESTMINSTER WOODSTOCK	97 96 97 95 96	6-13+ 6-13+ 6-13 6-13+ 6-17	18 9 - 9 2	1-28 1-25 - 1-28 1-28	None 2-24 2-24 2-24 3-1	14 14 15	3-25 3-25	17 20 19	3-20 4-21 4- 1 4- 1 4- 1	24 23 24	3-25 4-25 4-25 4-25 4-25	27 28 28	4- 1 5-20 5-25 5-17 5-25	32 32 30	9-21	28 30 30	11-23 10-11 11-11 11-11 10-11	28 27 25	11-11 11-19 11-23	23 23 20	11-24 11-23 11-23	20 20	11-24 11-24	11 13	274 274	249 243 243	232 236	169 200 200	9   1 0   1 0   1
DELAWARE BRIDGEVILLE 1 NW DOVER GEORGETOWN 5 SW LEWES MIDDLETOWN 2 S	98 96 97 97	6-14 6-14 6-14 6-13+ 6-13+	15 13 12 15 6	1-28 1- 1+ 1-28 1- 1+ 1-28	2-24 1- 2 2-24 1-28 3-20	13 13 15	3- 1 3-25 3- 1	20 20 20	4- 1 3-25	23 24 24	4-25 4- 1	23 27 28	5-17 4-25	32 32 31	9-21 11-11 9-21 11-11 11-10	26 32 27	11-11 11-11	26 25 27	11-24 11-23 11-23	19 24 19	11-24 11-24 11-23	19 15 19	None 11-24 None	15	- 274 -	268 244 267	242 244 236 243 245	231 200 224	1 2 0 1 4 2
MILFORD NEWARK COLLEGE FARM SELBYVILLE WILMINGTON NCASTLE WB AP WILMINGTON PORTER RESVR	96 95 95 96 94	6-14 6-14 6-14+ 6-13+ 6-14+	13 5 16 14 13	1-28 1-25 1-28 1-25+ 1-27	2-24 2-24 None 1-28 2-22	14 14	3-20 3- 1	20 20 20	3-25 3-25 3-25 3-25 3-25	22 22 22	4-21 4- 1 3-25	28 28 22	5-17 5- 9 4-21	31 31 31	11-11 10-12 11-11 11-10 11-10	32 26 29	11-11 11-11 11-11	22 26 27	11-11 11-24 11-23	22 18 20	11-24 11-24 11-23	16 18 20	11-24 None 11-24	16	274	249 268 248	231 244	204 224 231	4 1 4 1 L 2

## TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
BELTSVILLE, MD.	KVAP	_	_	_	_	B6.32	B7 54	B7,22	5.51	B5,09	2,68	B3.38	_	-
	DEP	-	-	<del>-</del>	· -	.16	1.08	.08	68	.35 952	61	1.25	-	_
	WIND	-	-		2369	1363	576	782	548	952	1111	B1460	-	
	MAX	i -		-	-	-	78.3	79.5	79.5	-	64.8	57.7	_	-
	MIN	-	-	-	-	-	63.0	66,9	66,3	-	53.6	48.3	-	-
SAVAGE RIVER DAM, MD.	EVAP	_	_	_	-		_	5,62	B5.05	B3.71	B2.83	_	_	_
•	DEP	l	-	! -	-	-	_		_			_		_
	WIND	, -	_	_	-	-	1312	1122	855	359	1717	_	_	-
	MAX	i -	i -	_	-	-	85.9	85.2	87.5	74.2	64.5	-	_	_
	MXN	-	-		-	-	61,1	61.6	59,8	51.9	46.6	-	-	-
GRORGETOWN 5 SW. DEL.	EVAP	_		l _	B4.63	6.12	6,50	B6.18	B6.02	B4.55	B2 92	_	_	1 -
•	DEP	- <b>-</b>	_	_			1	20.10	20:02		22.02	_	_	_
	WIND	-	-	-	B2266	1546	943	989	1047	1193	1429	-	-	-
NEWARK COLLEGE FARM, DEL.	KVAP	_	_	_	_ '	_	_	_	B6.84	B3.79	B2.31	_	_	l _
	DEP	_	_	-	_	i _	_	i -			~		_	1 =
	WIND	_	_	_		_	_	! -	B 795	828	B 868		Ξ	1 [

•	† CHANGES IN STATION NAMES	
NEW NAME	OLD NAME	<u>DATE</u>
LA PLATA 1 W, MD.	LA PLATA, MD.	September 1956
	RELOCATION AND CHANGES OF EQUIPMENT	
CUMBERLAND POLICE BRKS, MD. EMMITSBURG 2 SE, MD. LUKE, MD. LA PLATA 1 W, MD. ROCKVILLE, MD.	All equipment moved 1.0 mile SW All equipment moved 185 feet SW All equipment moved 1000 feet W All equipment moved 1.3 miles W All equipment moved 150 feet E	May 1, 1956 October 9, 1956 March 7, 1956 September 10, 1956 July 30, 1956
TOWSON, MD.	All equipment moved 200 feet NNE	March 21, 1956
NEWARK COLLEGE FARM, DEL. WILMINGTON NCASTLE WB AP, DEL.	All equipment moved 150 feet N All equipment moved 7/8 mile SE	August 1, 1956 July 16, 1956

162

75\* 30"

TOTAL

PRECIPITATION

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

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Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	<u> </u>		Month			Station	Index No.	County	Drainage	Latitude	Longitud	Elevation	Тетр.	Precip.	-	Month	A-
MARYLAND																								Γ	
ABERDEEN PHILLIPS FIELD ANNAPOLIS USN ACADEMY ANNAPOLIS 2 WNW BALTIMORE SLEDDS POINT BALTIMORE WB AIRPORT	0185 0193 0460	HARFORD ANNE ARUNDEL ANNE ARUNDEL BAETO CITY ANNE ARUNDEL	1 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	38 91 6 8 22	38 91 6 8 22				1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 C		MERRILL MIDDLE RIVER MILLINGTON NEW GERMANY OAKLAND 1 SE	5916 5985 64 <i>0</i> 8	GARRETT BALTIMORE KENT GARRETT GARRETT	1 1 5	39 36 39 18 39 15 39 38 39 24	79 05 76 25 75 50 79 07 79 24	15	7 59 8 59	5 7 59 8 59			2 1 2 3 1 2 3 1 2 3 C 1 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	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	86 9 19 8 8	86 9 19 8 8	16			1 2 3 C 1 2 3 1 2 3 4 C 1 2 3		OCEAN CITY OWINGS FERRY LANDING PARKTON 2 SW PERRY POINT PICARDY	6770 6844 6980	WORCESTER CALVERT BALTIMORE CECIL ALLEGANY	1 1	38 20 38 42 39 38 39 33 39 33	75 05 76 41 76 42 76 04 78 30	17 120 600 40 1030	8 40 4	8 40 4 30			1 2 3 1 2 3 1 2 3 C 1 2 3
BELTSVILLE PLT 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	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	8 8 8	8 . 8 . 8 . 9		:		1 2 3 1 2 3 1 2 3 C 1 2 3 1 2 3		PIKESVILLE POLICE BARRACKS POCOMOKE CITY 4 SW PRESTON 1 5 PRINCE FREDERICK PRINCESS ANNE 1 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	9 8 8	9 8 8 4			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 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 5	8 6 4 16	8 6 4 16				1 2 3 1 2 3 1 2 3 1 2 3		RANDALLSTOWN POLICE BRKS ROCK HALL 3 N ROCKVILLE ROYAL OAK SALISBURY	7700 7705 7806	BALTIMORE KENT MONTGOMERY TALBOT WICOMICO	1 5 1	39 23 39 11 39 05 38 43 38 22	76 50 76 14 77 09 76 11 75 36	625 20 496 10	9 43 9 9 50	9 43 9 9			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	4 5 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	62	11 11 11 11 62				1 2 3 2 2 2 1 2 3	f	SALISBURY POLICE BRKS SALISBURY CAA AIRPORT SANDY POINT SAVAGE RIVER DAM SHALLMAR	8005 8030 8065	WICOMICO WICOMICO ANNE ARUNDEL GARRETT GARRETT	1 5	38 25 38 20 39 01 39 31 39 23	75 34 75 30 76 24 79 08 79 12	42 52 10 1495 1700	9 9 5 6	9 9 5 10 7	6		1 2 3 1 2 3 1 2 3 1 2 3 4 0
CENTREVILLE CHARLOTTE HALL ? ESE CHELTENNAM 1 NW CHESTERTOWN CHEWSVILLE BRIDGEPORT	1710	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	35 56 51 59	35 56 51 59		٠	ост	1 2 3 1 2 3 1 2 3 1 2 3 1 2 3		SINES DEEP CREEK SNOW HILL SOLOMONS STEVENSVILLE 1 W TAKOMA PARK MISS AVE	8380 8405 8557	GARRETT WORCESTER CALVERT QUEEN ANNES MONTGOMERY	1	39 31 38 10 38 19 38 59 38 59	76 27 76 20	2038 16 12 10 230	32 41 65 5	32 41 65 5			1 2 3 C 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 40 195	57 59 70 21	57 59 70 21 9			`	1 2 3 ° 1 2 3 ° 1 2 3 ° 1 2 3 °		TONOLOWAY TOWSON UNIONVILLE UPPER MARLBORD 3 NNW VIENNA	8877 9030 9070	WASHINGTON BALTIMORE FREDERICK PRINCE GEORGE DORCHESTER	5	39 40 39 24 39 27 38 52 38 29	78 15 76 36 77 11 76 47 75 50	550 430 430 98 12	32 19 17 1 8	32 44 15 1 8	1 MAY		1 2 3 1 2 3 1 2 3 C 1 2 3 4 1 2 3
CRISFIELD CUMBERLAND CUMBERLAND POLICE BARRACKS DENTON DISTRICT HEIGHTS	2285	SOMERSET ALLEGANY ALLEGANY CAROLINE PRINCE GEORGE	5	37 59 39 39 39 38 38 53 38 51	75 52 78 45 78 50 75 50 76 54	5 945 970 20 272	37 86 9 5	37 86 9 5				1 2 3 1 2 3 1 2 3 1 2 3 1 2 3		VIERS MILL WALDORF POLICE BARRACKS WATERLOO POLICE BARRACKS WESTERN PORT WESTMINSTER	9195 9314 9405	MONTGOMERY CHARLES HOWARD ALLEGANY CARROLL	5 3 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	7 9 9 63 47	7 9 9 63 47			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	BALTIMORE TALBOT TALBOT WASHINGTON CECIL	1 1 5	39 16 38 46 38 46 39 40 39 36	76 31 76 04 76 01 77 33 75 50	28 28 60 9 <b>0</b> 5 28	8 4 66 30	8 4 66 18 30				1 2 3 1 2 3 1 2 3 2 2 1 2 3		WILLIAMSPORT WOODSTOCK DISTRICT OF COLUMBIA	9750	WASHINGTON BALTIMORE	3	39 37 39 20		360 415	87	18	-		1 2 3
EMMITSBURG EMMITSBURG 2 SE FORT GEORGE G MEADE FREDERICK POLICE BARRACKS FREDERICK WB AIRPORT	2906 3230 3348	FREDERICK FREDERICK ANNE ARUNDEL FREDERICK FREDERICK	5 4 5	39 41 39 41 39 06 39 25 39 25	77 21 77 18 76 45 77 26 77 23	720 420 140 380 294	89 1 15 9 13	89 1 15 9 13	м	<b>L</b> AY	MAY	1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 C	ņ	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 56	77 01 77 07 76 58 77 01 77 03	260 146 70 230 72	10 11 10 11 86	11 10 11 86			1 3 1 2 3 1 2 3 1 2 3 1 2 3 C
FREDERICK 3 E FROSTBURG GLEN ECHO GLENN DALE BELL STATION GRANTSVILLE	3410 3645 3675	FREDERICK ALLEGANY MONTGOMERY PRINCE GEORGE GARRETT	5 4	39 24 39 39 38 58 38 58 39 42	77 22 78 56 77 09 76 48 79 09	385 2035 150 151 2380	55 36	8 55 36				2 1 2 3 C 1 2 9		DELAWARE BRIDGEVILLE 1 NW DOVER GEORGETOWN 5 SW LAUREL 2 SW	2730 3570 5217	SUSSEX	1 1	38 45 39 09 38 38 38 32	75 31 75 28 75 34	50 31 45 33	66 69 11		3	MAL	1 2 3 1 2 3 1 2 3 4
GREENBELT HAGERSTOWN HANCOCK FRUIT LABORATORY KEEDYSVILLE †LA PLATA 1 W	3975 4030 4780	PRINCE GEORGE WASHINGTON WASHINGTON WASHINGTON CHARLES	5 5	39 01 39 39 39 42 39 29 38 32	76 52 77 44 76 11 77 42 77 00	200 660 428 420 140	10 15 23 53 42	10 15 23 53 42				1 2 3 1 2 3 1 2 3 C 1 2 3 1 2 3		LEWES MIDDLETOWN 2 S MILFORD MILFORD MEWARK COLLEGE FARM SELBYVILLE WILMINGTON N CASTLE WB AP	5852 5915 6410 8269	SUSSEX NEW CASTLE SUSSEX NEW CASTLE SUSSEX	2 2 2 2	38 46 39 25 38 55 39 40 38 28	75 44 75 13	60 10 .90	5 61 44 3	3	0		1 2 3 1 2 3 1 2 3 4 0 1 2 3 4 0
LAUREL 3 W LEONARDTOWN 4 SSW LOCH RAVEN DAM LUKE	5340	PRINCE GEORGE ST MARYS BALTIMORE ALLEGANY	5	39 06 38 15 39 26 39 28	76 54 76 39 76 33 79 04	400 20 190 1020	66 22	66 22 7 19				1 2 3 1 2 3 C 2 2 C		WILMINGTON OCCUPY HALL WILMINGTON PORTER RESERVOIR	9600	NEW CASTLE NEW CASTLE NEW CASTLE	2	39 41 39 45 39 46	75 36 75 33 75 32	73 99 274	9 45	63 45			1 2 3

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

#### REFERENCE NOTES

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

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 Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

Figures and letters following the station name, such as 12 SSP, indicate distance in miles and direction from the post office.

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

No rocord.

Also later date (dates) or months.

Assumt included in following measurement.

The record of included in following measurement.

The record of record of the r Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1855 may be found in the publication "Substation Mistory" for this state. That publication may be obtained from the Superintendent of Documenta, Government Printing Office, Washington, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issue of Local Climatological Data annuals, obtained as indicated accept price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2,50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Wamhington 25, D. C.

NWRC., Asheville, N. C. --- 2/25/57 --- 1025