U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

ANNUAL SUMMARY 1953 Volume LVII No. 13



MARYLAND AND DELAWARE - 1953

G. N. Brancato, Section Director - Baltimore, Md.

WEATHER SUMMARY

Although the precipitation average for the twostate area for the year was above normal, its distribution through the year and over the Section was so poor as to provide a serious drought for many areas during most of the growing season. Delaware amounts varied from 53.63 inches at Lewes to 45.15 inches at Wilmington New Castle WB Airport. Maryland amounts ranged from 54.42 inches at Fort George G. Meade to 30.15 inches at Luke. Snowfall was slightly more than onehalf normal. Temperatures averaged one to three degrees above normal in all parts of Maryland and Delaware. For the entire Section, all months had above normal temperatures, some by slight amounts and some by substantial amounts. In Baltimore, the average temperature of 59.0° for the year was only two-tenths of a degree below the record of more than eighty years.

January was well above normal, the fifth successive mild January, and the eighth warmest January in almost sixty years. Precipitation amounts averaged almost one inch above normal. Amounts were above normal except that they were near normal in southern Delaware and southeastern Maryland. Snowfall in both states was about 40% of normal.

February was noteworthy with the continuation of mildness as the month was the sixth warmest February of record. The January-February 1953 interval was the third warmest such period of record. Precipitation totals were within one inch of normal at all stations, close enough to be classified as near normal. Measurable snowfall was limited to northern Delaware and northern and western Maryland, although a trace was reported at practically all stations.

March precipitation totals were heavy due to a large number of rainy periods which were rather uniformly distributed through the month. All stations had above normal amounts. The snowfall average was normal in Maryland but almost twice normal in Delaware. There was more snow in this March than in any month during the 1952-1953 season. Only a few stations failed to have above normal temperature averages but, in general, the departures were less than two degrees.

April was the sixth successive month with above normal temperatures although deviations from normal were small. Precipitation averaged slightly above normal with very few stations varying from normal by as much as one inch.

May was the wettest month of the year and was the fifth wettest May of record. Amounts of the various stations generally were two inches or more above normal except near normal in the southeastern portion of the section. Also, it was the fifth warmest May in almost sixty years.

June marked the beginning of a period of dry weather for many areas. Precipitation averages for the two-state area were only 60% of normal. A few stations near and east of the Chesapeake Bay reported above normal amounts. In Maryland, it was the fifth driest of record. A cloudburst

over parts of Baltimore on the evening of the 28th was of record proportions. Mean temperatures at most stations were within one degree of normal.

July precipitation was below normal by about one inch and relatively few stations reported totals which were above normal. The heaviest one-day rain in several years fell at Clear Spring, Maryland, on the night of July 22-23rd. With very few exceptions, mean temperatures for the month were above normal and none was as much as one degree below normal.

August precipitation was extremely variable over the Section. Southeastern and extreme southern Maryland, and southern Delaware recorded above normal amounts due principally to the heavy rains associated with hurricane "Barbara" on the 14th. Several amounts exceeded six inches within about fifteen hours. Temperatures averaged slightly above normal for the month. After remaining near or below normal the first three weeks, readings gradually climbed to record or near record levels of near or slightly above 100° during the last three days. A reading of 107° at Keedysville, Maryland, was within two degrees of the all—time record for the State.

The late August heat wave continued through the 4th of September. With relatively few exceptions, the highest temperatures for the year at the various stations occurred during the period August 30-September 1. The month as a whole averaged just three-tenths of a degree above normal. Precipitation totals were above normal from Prince Georges County northward and northeastward to the Pennsylvania line. Other areas continued to have precipitation totals which were below normal.

The drought conditions continued over practically all the Section for most of October and for some areas throughout the month. Relatively few stations had as much as one-half inch of rain prior to the 27th. Wells and streams were at their lowest stage in years and, in some instances in western Maryland, had dried up and necessitated the hauling of water. Mean temperatures averaged above normal by almost two degrees.

A record early season snow for most of Delaware and central and eastern Maryland was the outstanding feature of November's weather. However, it was the sixth successive month in which precipitation averaged below normal for the Section as a whole. Above normal precipitation was limited to the southeastern areas. Temperatures averaged above normal by a small margin.

With measurable snow during December confined to the three westernmost counties of Maryland, averages of monthly snowfall equalled or were near the low records for Maryland and Delaware. Precipitation amounts averaged above normal. It was the warmest December in twelve years and the seventh warmest of record. Nevertheless, for most stations, the year's coldest temperatures were recorded on the 18-19th when temperatures lowered to 10 to 20°, but were between 10° and 4° in western and some northern counties. — H.L.A.

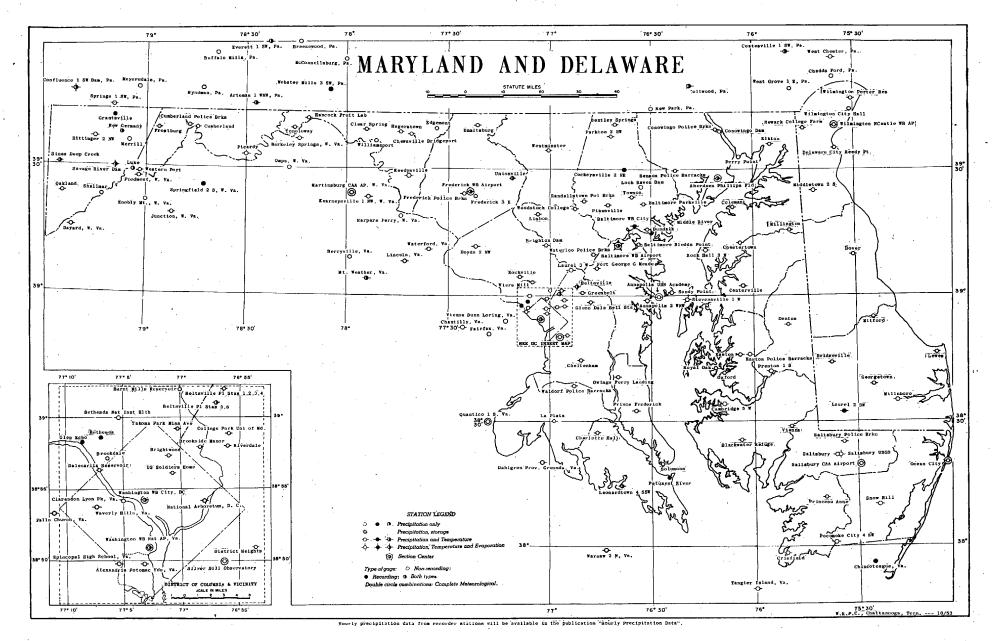


Table 1					AGE																=			<u> </u>		1953
	Janu	ary	Febr	nary	Man		A _j	oril	M.	ay .		ne	Ju B	у	Aug		Septe	_	Octo		Nove	mber	Decen	nber	Ann	ual
Station	Temperatu	Departure	Temperature	Departure	Temperature	Departure	Temperatu	Departure	Temperatu	Departure	Темрегатиге	Departure	Temperature	Departure	Temperature	Departure	Temperatu	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperati	Departure
MARYLAND														į												
ABERDEEN PHILLIPS FLD ANNAPOLIS U.S.N. ACADEM ANNAPOLIS 2 NNW BALTIMORE SLEDDS PT	38.2 39.7 39.5 39.7M	5.9 5.3		6.1	44.6 46.0 44.8M		52.2 54.3 54.4 54.3	1.2	55.6 67.0 57.5 68.9		71.8 73.1 72.1 73.7	•1	77.2 79.1 77.2M 78.6	1.8	74.1 76.2 M	.4	58.2 70.0 57.8 70.6	•1	58.1 60.8 M 60.0	2.7	45.5 48.7 46.2 47.9	1.6	38.6 41.7 40.3 40.5	3+7 4+6	56.1 58.1	2.1 2.5
BALTIMORE WB AIRPORT BALTIMORE WB CITY	39.2 41.7	4.6 5.1	40.0	4.3 4.9	45.5	1.5 1.4	54.7	1.0	57•7. 68•2M	3.7 2.9	73.8	4	78.1 78.7	1•1 •2		.7	70.4	9 .0	57.6	1.1 2.2	45.9 49.7	.3 1.0	39.1 42.8	3.4 4.0	57.0	2.3
BALTIMORE PARKVILLE BELTSVILLE BELTSVILLE PLANT STA 1 BELTSVILLE PLANT STA 2	37.7	4•3	40.7 38.4 38.4 38.2	4.8	45.7 43.6 42.8 43.2	1.0	53.7 53.1 52.1 52.0	1.5	67.9M 66.7 66.0 56.4	4.6	72.8 70.6 70.1 69.8	3	77.5 76.1 75.7 75.2	1.3	73.0 72.1 71.6	3	68.2 66.7M 66.0 55.4M	3	58.7 54.1 55.8 56.0	- 1.3	47.3 44.4 43.7 43.8	- 1.0	40.2M 37.1 36.9 36.6	2+0	55+1 54+8 54+7	1.3
BELTSVILLE PLANT STA 3 BELTSVILLE PLANT STA 4 BELTSVILLE PLANT STA 5 BELTSVILLE PLANT STA 6	37.8 37.7 38.4		39.2 39.4 38.7 40.0		43.5 43.6 43.0 44.5		52.7 53.0 51.8 53.7	ĺ	66+7 66+7 66+4 67+3		70.9 71.4 70.5 71.8		78.7M 77.1 75.6 77.3		73.7 73.8 72.1 73.8		67.6 67.5 65.8 67.5		57.5 57.8 55.8 57.8		45.3 45.9 43.6 45.8		38.2 38.0 36.8 38.6		55.8 56.0 54.8 56.4	
BENSON POLICE BARRACKS BENTLEY SPRINGS BERLIN 2 NE	35.7	6.5	39.7 36.8 42.2	7.9	42.4 46.7	3+5	51.7 51.3 54.3	.8	65+5 64+5 66+3	3.6	70.7 69.2	•8	74.9 73.8M 76.3	•6	73.4	1.0	66.4 64.0M 67.9	1	56.9 54.8M 58.9	1.5	45.5 42.7 47.8	1.4	37.3 35.8 41.8	3.1	55.3	2.5
BETHESDA NAT INST HLTH BITTINGER 2 N W BLACKWATER REFUGE	39.8 39.2	1.8	41.0 39.0	2+0	45.3	- 2.7	54.5 50.8	- 2.4	68+0 M		72.4 66.1		76.6M 69.2 M		74.0 67.0 73.7	7	67 • 2 60 • 3	1.4	57.2 53.4 59.7	.4	45.8 40.4 48.5	.5	40.3 32.8 40.4	2.7	56•9	
BOYDS 2 NW BRIGHTON DAM BRIGHTWOOD DC	38.5 39.8		39.4M 38.8M 40.3M		43.9M 44.3 45.5		52.9 52.4	Ė	66.7		71+1 70+9		76•1 75•8 79•7		73+3 72+5M 76+0		66.9 66.3 69.5		57.9M 56.2 60.0		45.0 44.7 48.2M		37.7M 38.5M 40.6		55.5 58.2	
BROOKSIDE MANOR CAMBRIDGE 4 W	40.6M 42.2	6.1	41.4M 42.4	6•2	46.3	1+3	55.3 54.5 55.9M	1.4	69•0 69•1M	4.0	74.3	•1	78.0M	•4	75.0	9	68.9	- 1.3	59.1M	•1	47.7M	3	41.5M	3.•2	58.3	1.7
CENTERVILLE CHARLOTTE HALL CHELTENHAM CHESTERTOWN	41.6 39.0 39.7	7 • 8 4 • 5 6 • 6	40.2	7.8 5.1 7.5		• 3	54.6 55.6 53.7		66+8 69+1 67+6		72.3 72.6 72.0	- 41 45	76.8 77.1 77.2 78.5	.7 1.4 2.3	73.5 73.4 73.4M 75.7	- 1.8 5	67.6	8	57.8 58.3 58.5 60.1	.6 1.4 3.4		1 1.3	40+3 41+0 39+4 40+8	3.8 3.3 4.9	57.8 56.6 57.9	2.1 1.6 3.3
CHEWSVILLE BRIDGEPORT CLEAR SPRING	37.7 38.4	6.9 7.2	40.5 39.0 39.3	7.8 8.5	46.0 43.9	2.7	54.2 52.0		67+4 66+5 66+5		73.9 72.4 72.9	3.0		2.6			66.5	•6	56.9	2.5 4.3	43.8 44.1	.7	38.0	5.1	55.6 56.1	3.4 3.7
COLEMAN COLLEGE PARK U OF MD CONOWINGO DAM CONOWINGO POLICE BRKS	39.6 37.1	5•8 7•1	37.7	7•5 6•2	43.5	3+2	51.5	1.9	68•0 65•2	4.2	73.9 75.6 70.7	1 • 8 4 • 0 • 0	79•1 75•5	2•4 •9	73.3	1.9 2	72.0 68.8 66.7	.7	57.0	2.0	48.8 43.6	1.8 4	40.8M	4 • 5 3 • 1	58.7 54.9	3.5 2.1
CRISFIELD CUMBERLAND	38.2 44.5 37.2	6.3 5.8	39.7 45.1 38.5	5 • 8 5 • 3	49.8 43.9		52.6 58.4 51.7	2.6	70.5 66.4		71+5M 75+9 71+4	.5	75.5M 80.7 75.2	2.6	72.7M 77.7 72.9	.8			58.2 63.4 57.8	2.1 2.1	45.8M 51.2 44.9	.3 1.8	38.1 44.2 37.9	3.3 3.8	56.0 61.1 55.3	2.7 2.3
CUMBERLAND POLICE BRKS DALECARLIA RESERVOIR D DENTON	36.1	6.7	37.1 41.8 41.4	6.5	42 • 6 46 • 7	-	51.2 55.2 56.0	2 a B	65.4 69.2 68.7		73.5M 73.8	1.7	73.5M 78.3 78.6M	2+2	71.5 75.2		64.2 58.5 59.6		55.0 58.6M 59.1M	1.7	42.7 46.4 47.5M		36.8 40.2 40.9	4.3	57.9 58.3	3.0
DISTRICT HEIGHTS DUNDALK EASTON	40.4 40.5 42.6		41.6 42.4 42.8		46.2 47.1 47.5		55.1 55.6 55.9		69.0 69.0 68.4		73.3 73.9 73.9		78•1 78•7 78•7		75.3 76.0 75.6		69.1 70.2 70.2		59.6 59.9 59.8		47.7 47.9 48.2		41.1 41.1 42.9		58 • 1 58 • 5 58 • 9	
EASTON POLICE BRKS ELKTON	41.7 38.4	6+7 5+4	42.2 39.1	5.7	46.7 44.6	2 • 3 2 • 2	55.3		67+8 66+5		73.4	1.5	77.5 76.8	1•2 •9	75.2		70.6 68.1		57.3	1.3	49.6M 44.3	- 1.5	41.3M 38.5	4 • 2 3 • 4	58.4 56.1	3.0 1.9
EMMITSBURG FALLSTON FORT GEORGE G MEADE FREDERICK POLICE BRKS	37.9M 36.8 39.6 38.4	6.7 5.3 3.6 6.0	39.4M 37.7 40.3	5.9 4.1	44.3 43.2 45.3 45.1	. B	52.4 51.3 54.0 53.4	1.4	67.6M 67.8 68.1		71.1	8	75.5 78.0		73.4 73.3	1	56.6 67.1		58.5 57.0 57.8	2	44.6 45.4 44.9M	7	38.4M 39.1 38.6	4•7 3•8 3•8	56.3 56.5	1.4
FREDERICK WB AIRPORT FRIENDSVILLE 2 W	36•1 33•2	3.4	38,0	3.9	42.6	7	50.7	- 2.2		1.4		- 1.7	76•4	3	73 • 1	- 1.5	65.8	- 2.7		- 1.0	42.5		36.5	1.5	54.5	- •2
FROSTBURG GERMANTOWN GLENN DALE BELL STA GREENBELT	34.1 38.0M 39.5 38.0	4.1 4.9 5.8	34.9 39.7 38.6	4.4	39.6 45.0 43.2	•4	54.0 52.7	1.1	67.8	3.4 4.6	72.2	•5	71.6	•1	70.2	.1		- 1.1	57.0	2.1	43.3	1.3	35.5	6 • 0 3 • 2	52.3	1+6
HAGERSTOWN HANCOCK FRUIT LAB	37.8 34.8	5.2	38.6 37.0	7.4	44.0	• d	52.2 50.4	- 2.1	66.8M M 65.0	1.7	71.0 72.5 69.8	- 1.3	76.4 76.8 73.6	- 1.1	73.9 73.5 70.9	- 2.0	66+8 66+6 63+3	- 4.0	57.1 58.3 54.2	8	44.8 45.2 41.9	- 1.6	37.7 38.5 35.0	1.7	55.6	•2
HUNTINGTOWN KEEDYSVILLE LA PLATA	41.6M 38.7 M	6.5 6.4	1	7.0 4.8	45.2 47.1	2.1	52.9 55.9	.1 1.4	67.3	3.9 5.5	73.0	1.5	78.7 78.1	3•1 1•7	75.5	- 1.7	67.9 68.9	- :9	58.7 59.4	2.7	44.5 47.2	2	38.6 40.6	4.3	56.8	2 4 8
LAUREL 3 W LEONARDTOWN 4 SSW LISBON	40.5 40.6 37.9	7.4 4.5	41.7	4.9	45.7 45.5M 45.8M	2 . 9	54.5 55.1 52.1	1.9 .7 1.6	69.3	5.1 4.5 4.9	73.9		78•7 78•6		75.5 75.1	1.9	69.2M 69.6	1.4	м 59.3	. 9	49+1 47+3		39.2 41.5 38.1	4.0 2.6 4.4	58.1	1.9
MIDDLE RIVER MILLINGTON NATIONAL ARBORETUM D C	38.8M 40.4	6.3	41.0	6.8	46+1	2.1	54.2	• B	68.8 66.6M		74.1M 71.9	•3	78.9M 76.7	•6	74 • 3M		69.6 69.9M		59.4	2.1	45.8 45.2M	- 1	38.7 40.3	4.1	57.2	2.2
NEW GERMANY OAKLAND OCEAN CITY	41.8M M 32.7 45.7	4.4	43.2 M 33.5 46.3	5.2	M 38±6 50+3	1.7	46.2 56.6	1	61.9	5.9	74.2 66.5 68.1	2.4	79.6 68.5 76.3	1.2	77.0M 66.5 73.9	1	70.5M 60.1 68.2	1	51.4 58.8	1.7	49.7M 39.1 47.4	.4	33.0 39.2	3.1	49.8	2.1
OWINGS FERRY LANDING OXFORD PARKTON 2 SW	41.6 41.1	5 • 2 5 • 0	42.4	5.6 3.7	46.7 46.6	1.1	55.4	1.8	68.9	4.8 1.3	73.5	- 1.9	77.8 77.8	1.6	75.3	- 2.2	70.2	5	59.8 60.1	1.7	47.5	3 - 1.4	41.5 42.3	3.7 3.4	58+3	2.3
PICARDY PICARDY PIKESVILLE POCOMOKE CITY 4 SW	39.4 43.0	4.7	37.8 41.3 42.9	6.3	43.2 46.3 47.2	1.1	51.9 54.5 55.8	1.2	65.2 65.4M 69.0 68.4	3.1	74.4		73.4 74.4M 79.8 77.4		71.3 72.0 77.1 74.6	2	64.5 65.1M 70.3 68.6	9	55.6 57.2 60.8	2.6	44.3	- 1.3	36.5 38.7 39.9 42.6	4.5	58+4 58+4	1.1
PRESTON 1 5 PRINCE FREDERICK	42 • 2 M		41.7		46.5 46.4		55.3 55.2		68.1 68.6		72.9 73.7M		77.1 77.7		74.2 74.9		68.9 69.0M		59.0 59.0		47.3 48.1	"	41.8 42.2M		57.9	
PRINCESS ANNE RANDALLSTOWN POL BRKS RIVERDALE	41.9 38.0 40.1M	5.0	42.5 39.9 40.0	5.4	47.2 45.5 45.6M	. 1.9	55.6 53.6 54.0	1.7	67.8 68.2 68.1	4.6	71 · 3 72 · 5 72 · 1	- •1	78:7 76:2M	- • • 4	72:8 74:3	- 1.7	67.2	- 1.7	54.8M 56.4M	•7	45.2	•8	38:3 ^M 37:3	3.5	\$7:5 56.4	1.6
ROCK HALL 3 N ROCKVILLE ROYAL OAK SALISBURY	40.0 40.2 41.9 43.5	5.5	41.0 42.0 42.4 43.2	5.2	45.9 46.3 47.1 47.8	2.1	54.4 54.9 56.2 56.4		67.1 67.6 69.2 69.3	3.3	72.8	9	76.4M 78.2M 79.0 78.0	1.2	73.9 74.2 76.1 75.5	- 1.4	69.0 68.4 71.3 69.7	5	58.7 60.1 60.9 60.2	1.6	45.7 47.2 48.8 50.0M	5	41.2 40.1 42.6 45.0	4 • 6 6 • 2	57.2 57.7 59.2 59.3	1.6
SALISBURY POLICE BRKS SALISBURY CAA AIRPORT	41.5		40.8	J.,,	44.6		54+0	,	67.5	,	70.8		76.7	1.02	74.1M	• 4	67.BM	••	57.6M	1.00	47.9 47.3	1.0	42.6		57.2	247
SALISBURY U S G S SANDY POINT SAVAGE RIVER DAM SILVER HILL OBSERVATOR	43.1 40.4 32.6 40.4		43.4 41.7 34.6 41.9		47.1 46.7 38.8 46.4		56.3 54.6 47.8 55.3		69.5 68.2 52.5 68.6		73.2 73.3 68.0 72.4		78.4 79.1 71.7		75.7 76.2 69.3		69.7 71.0M 61.9 69.9		60.5 60.6M 54.9 61.2		48:3 47:7 41:2 47:9		42.9 40.9 34.3 40.2	:	59.0 58.4 51.5 58.2	
SINES DEEP CREEK SNOW HILL SOLOMONS	32.4 43.3	6.2	31.9 42.6	4.2 5.1	47.2	2.3	45.6 55.4		68.3	5.2	66.3	.6	68.7 77.7.	1.8	66+4 75+5	1.0	59.6 69.7	.6	51.0 60.3	2.0	38.3 48.4	1 5	32.4 42.4	2.8	49+2 58+6	2,0 2,5
STEVENSVILLE 1.W TAKOMA PARK MISS AVE	43.0 40.6 40.5	5 • 6 7 • 8	43.5 41.9 41.6	1	47.3 46.5 46.4		56.5 55.1 54.8	2.2	70.0 67.8 68.0		75.2 73.2 72.4	•2	80.7 79.1 77.1		77.8 76.1 74.7	١.	72.2 71.1M 68.1	1	62.2 60.3M 58.2	1.7	50.0 48.5 45.4		43.9 41.5 39.0M	2.4	50.2 58.5 57.3	2.9
TONOLOWAY TOWSON UNIONVILLE	36.9 39.6 35.6	5 • 3 6 • 6 3 • 2	36.9	5.1 8.0 4.3	45.2	2.8 4.4 1.7	51.8 53.3 51.7	.3	66.0 67.2 66.3		72.1 71.1	2.3	74.5 76.7 76.1 78.6	1.8	74.7 74.4 73.4M	1.2	65+6 68+8 66+5M	2 . 4	57.6 58.8 56.4	3.8 2.9 1.2	45.5 43.1	1.6	39.6 36.5	3 • 2 5 • 6 3 • 2	55.1 56.9 54.8	2.6 3.4 2.2
U S SOLDIERS HOME D C VIENNA VIERS MILL	39.4 42.7 39.2M		40.5 42.1 39.3		45.0 45.7		54.5 55.3		58.3 58.1		72.8 71.2		78.6 77.8 77.4M		75 • 6 75 • 7		69.4		60.3 60.1 57.5M		47.9		40+0	•	57•7 58•3	
WALDORF POLICE BRKS WASHINGTON WB CITY DC WATERLOO POLICE BRKS	40.9 41.4 40.3	4.9	41.6 42.7 41.0		46.5 47.3 45.8		56.2 56.0 54.9	1	70.9 70.3 69.1		75.4 75.4 72.4N	11 .	78.2M 80.7 77.8	2.9	74.1	1.6	67.0 69.5M 70.6 68.6M	•7	58.0M 61.3 59.6M	2.9	47.0	• 5	39.2 39.7 41.6 39.3	3.4	59.5 57.5	2.7
WESTERN PORT WESTMINSTER WOODSTOCK COLLEGE	37.5 37.1 38.0		38.7 38.3 39.1	5.7	44.0 43.6 44.6	1.7	51.8 51.9 52.7	.0	66.7 65.8 67.4	3.0	72 • 3 70 • 9	2 • 7	75.6 75.6		72.8 72.6 72.6	5		- 1.1	57.9 56.8	1.1	44.8	2	38.5 37.6 37.6	2+6 3+2	55.6 55.1 55.3	2.6 1.5 1.9
STATE AVERAGE	39.3	5.7			45.1		52.7 53.6		67.3	4,4	71.5	1.1	76.8	_1.6	74.0		67.8	1	58.2	1.8	43.5	, "	39.4	3+2 4+1	56.7	2.6
									See	deiere		es Follo - 180 -		uon in	18X						•					

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE

Table	1-Continued

	Janu	lary	Febr	Mary	Max	ch	Ar	zil	Ma	ıy ·	Ju	. ea	Ju	ly	Auç	just	Septe	mber	Octo	ber	Nove	mber	Decen	ber	Ann	ual
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Тетрегаture	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
DELAWARE					, ,																					
RIDGEVÍLLE ELAWARE CITY REEDY PT		5.3	40.9 41.2M	7.2	45.5 45.3	3.3	54.4 52.6M	3	67.1 66.2	2.9	71.9 72.2	-1	76.1 77.1M	• 5		4	68.1 70.3M	1.6	58.3 58.3	.6	46.3 47.0	.7	40.9 40.8M	3.5 4.7	57.0	1 . 2 .
OVER EORGETOWN AUREL 2 SW	41.3	6.3	42.0 40.6 42.3M	6.5	46.4 44.6 45.6M	3.0	54.3 55.2M 54.8	1.1	67.5 68.4M 68.2	3.8	73.1 72.4 72.3	•6	78.1 77.0 77.3M	1.5	75.0 74.4M 74.1	.3	70.4 69.1 68.6	1.6	59.6 58.7 58.2M	2.1	47.4 47.2 47.0M	••	41.2 41.4 41.1M	4 • 2	58.0 57.5	2•
IDDLETOWN 2 5	41.4 39.0		39.9 38.8		45.4		53+2 52+2M		644B 6644		71.0 71.0		75.3 76.5		73.9		67.8		57.7		47.0 M		41°4 39•6		56+6	
	41.0 39.9	4.0	40.7 36.0M	•1	45 • 7 43 • 3M	- 1.2	54 • 1 54 • 0M		67.2 67.7M		72.8 72.5M		77.6 76.6M	•8 •3	74.4M	3	69.4 69.0N	1	58.6 59.7M	1.9	47.1 48.0M	•8	41.3 43.0M	3 • 2 5 • 2	57.5 57.0	1.
	37.3		38.8		43.8	2.7	,		65.6		71.4		75.9	1.1	ŀ		67.7		57.2		44.5		38,1	4.9		2.
ILMGTON NOASTLE WE AP ILMINGTON PORTER RESV			38.4 37.9		44.4 43.8		52.3 51.8		65+0		72.2 71.4	•4	77.0 76.1	1.1	74.5 74.1		68•2 67•9		58.0 58.7		45.2 46.3		38:7 39:1	3 • 6 4 • 1		1
STATE AVERAGE	39.6	4.5	39.8	5.0	44.9	1.3	53.4	•7	66.5	3.3	72.0	.4	76.7	.6	74.2	2	68.8	.3	58.5	1,0	46.6	1	40.6	3.8	56.B	1
SECTION AVERAGE	39.3	5.5	40.2	6.4	45.1	2.2	53.6	1.2	67.3	4.4	72.0	1.0	76.8	1.5	74.0		67.9	.3	58.2	1.7	46.2	.8	39.5	4.0	56.7	2

Table 2	ı ·			017		. 111		1117	110	ת ויו	111	ינע				1,11	O1·1	110	<u> </u>					KTLANL		1953
	Janu	ary	ļ	ruary	Mar	ch	Ap	ril	Me	м	Ju	ne	Jul	ly	Aug	rust	Septe	mber	Octo	ober	Nove	mber	Decer	mber	Ann	wal
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 ACADEN ANNAPOLIS 2 WNW BALTIMORE SLEDDS PT BALTIMORE WB AIRPORT	5.56 3.92 4.98 4.80 4.56	2.41 .55	2.56 2.90 2.91 2.89 2.74	- •31	5.05 5.61 5.49 6.60 6.80	1.82 1.91	4.58 4.23 E 3.53 4.18 4.43	1.22 .58	4.56 7.49 7.47 5.60 6.37	1.09 3.45	2.51 3.86 2.58 1.65 2.90	~ .17	2.37 4.49 5.29 6.54 4.94	-1.95 .08	1.62 5.24 5.16 2.43 4.26	-2.96 .72	1.68 2.53 2.90 2.71 4.05	-1.26	3.00 3.21 2.38 3.58 2.83	.46 .05	1.98 1.81 1.91 1.65 1.32	-1.01	3.35 3.08 2.89 3.01 3.05	- •68 - •26	38.92 48.37 E47.49 45.64 48.25	93 4.33
BALTIMORE WB CITY BALTIMORE PARKVILLE BELTSVILLE BELTSVILLE PLANT STA 1 BELTSVILLE PLANT STA 2	4.78 5.37 3.98 3.80 3.70	. 1•12 •69	2.77 3.12 2.37 2.32 2.27		6.57 6.83 6.76 6.62 6.85	2.94 3.27	3.86 4.52 3.60 3.74 3.13	•14 •46	5.62 4.95 6.66 6.65 6.45	1.61 2.57	6.49 2.08 1.87 1.68	2.97	4.54 2.89 2.19 2.07 2.07	-2.02 -2.02	3.25 2.55 2.62 2.46 2.56	-1.13 -2.39	3.72 4.02 4.07 5.13 4.67	•26 •31	2.75 2.76 3.47 3.05 2.73	•06	1.50 1.88 1.40 1.33		3.47 2.60 3.26 3.22 3.27	•52	49.32 43.57 42.25 42.07 40.54	6.73
BELTSVILLE PLANT STA 3 BELTSVILLE PLANT STA 4 BELTSVILLE PLANT STA 5 BELTSVILLE PLANT, STA 6 BENSON POLICE BARRACKS	3.81 3.65 3.69 3.74	2.59	2.35 2.27 2.32 2.44 2.15		7.20 6.86 6.64 6.85 6.48	2.75	3.61 3.79 3.53 3.67 4.05	.44	7.20 6.99 6.98 7.55 5.66	1.83	1.61 1.67 1.72 1.82 3.04	94	2.30 2.29 2.39 2.61 3.58	84	2.85 2.46 2.33 2.40 1.35	-3.52	4.81 4.38 5.21 5.14 4.93	.98	3.09 2.91 2.99 2.71 2.84		1.50 1.43 1.28 1.30 2.37	85	3.34 3.21 3.31 3.38 4.30	. 86	43.67 41.91 42.39 43.61 46.91	1.55
BENTLEY SPRINGS BERLIN 2 NE BETTESDA NAT INST HLTH BITTINGER 2 N W BLACKWATER REFUGE	4.89 E 3.60 3.41	1.36	2.91 3.35 2.21	•84	5.84 4.90 6.61	•48	3.92 4.58 3.84	.13	4.14 3.76 7.23	,	1.30 3.34 2.41 .89	-2.15	4.69 2.30 3.66 2.55 1.71	-4.58	3+21 11+55 2+80 2+69	2.58	6.08 1.45 3.45 1.50	-2.06	3.08 1.60 2.62 .85 4.57	1.68	1.90 3.54 1.41 1.23 2.37	-1.17	3.63 3.04 3.89 2.59 2.60		45.59 E47.01 43.54 E38.84	- 5.40
BOYDS 2 NW RRIGHTON DAM BRIGHTWOOD DC BROOKDALE BROOKSIDE MANOR	4.23 3.85 4.00		1.61 2.23 2.13 2.59		5.91 6.56 7.60 7.38		2.39 4.44 5.04 4.02		5.73 9.00	-1170	. 1.33 3.34		3.87 3.58 2.75		4.86 4.07 2.10		3.37 5.19 4.19	•	4.17 2.46 3.08		1.54		3.66 4.06 3.93		48.32 48.22	
BURNT MILLS RESERVOIR CAMBRIDGE 4 W CENTERVILLE CHARLOTTE HALL CHELTENHAM	4.80 4.33 5.10 4.35	.69 1.80	2.48 2.98 2.60 2.85 3.23	33 25	8.23 5.36 5.17 7.30 5.78	1.53 3.99 2.12	4.41 4.16 3.78 3.69 3.69	•55 •08 • •24	8.35 E 4.95 4.91 6.87 7.68	1.32 3.20 4.01	2.12 4.19 2.18 2.52 2.46	.41 -1.04 -1.77	2.60 3.32 5.01 2.77 4.31	- 1	2.89 5.86 4.15 4.25 2.81	.99 .49	2.65 1.74 2.37 3.84	76 66	3.18 2.66 3.26 4.97 4.60	- +52 1+65 1+56	2.15 1.94 1.37 2.36 1.39	91 27	4.11 3.87 3.28 3.28 3.17	•71 •32 • •05	E48.33	2 • 4 5 6 • 8 9 3 • 2 5
CHESTERTOWN CHEWSVILLE BRIDGEPORT CLEAR SPRING COLEMAN COLLEGE PARK U OF MD	5.23 4.06 61 5.64	1.76 1.36 1.54 2.11	2.75 1.90 2.34 2.86 2.45	25 27 28 16	5.83 3.97 5.26 5.74 7.09	2.31 .96 1.70 2.19 3.56	3.80 3.19 3.37 4.22	•15 •22 - •27 •72	4.90 7.15 9.40 5.77	1.12 3.63 5.58 2.08	2.22 1.02 1.34 2.54 2.35	-174	6.84 3.90 10.75 3.25	2 • 6 3 • 2 4	3.09 3.10	-1.12 77 -1.87	1.92 1.94 4.03 2.82 3.85	-1.47 -1.13 .97 62	4.46 1.22 1.51 4.00	1.38 -1.75 -1.59	2.69 1.38 2.02 2.20	27 88 41	3.61 3.84	. 15	47.34	4.65 14
CONOWINGO DAM CONOWINGO POLICE BRKS CRISFIELD CUMBERLAND CUMBERLAND POLICE BRKS	5.99 6.38 3.14 4.68 4.38	2.56 52 2.19	2.86 2.52 3.07 2.66 2.59	•27 • •33 •32	5.91 7.78 5.71 5.91 5.98	2.45 1.56 2.91	3.94 3.09 3.93 3.08 3.05	•53 •06 •20	E 6,66	2.90 .00 2.63	4.43 5.08 2.05	66 1.59 ~1.83	2.54 2.31 4.25 3.67 4.31	-2:41 - :82 :41	1.52 1.01 4.62 2.61 2.37	-2.76 .07 87	4.46 3.25 2.23 1.66	1.35 -1.21 -1.09	4.01 2.61 .65 .87	•61 -2•31 -1•66	2.51 2.05 2.99 1.61 2.50	.06	4.04 2.80 2.09 3.45		49.60 E46.13 42.04 36.91 38.62	4.63 - 2.17 2.26
DALECARLIA RESERVOIR D DENTON DISTRICT HEIGHTS DUNDALK EASTON	4.09 4.72 4.31 5.06 4.24	1.35	2.23 2.64 2.42 2.83 2.54	39	5.97 5.82 6.53 6.16 5.58	2.22	3.74 3.97 3.82 4.10 4.16	•62	7.39 6.19 8.11 6.89 7.35	2.48	2.69 3.70 4.79 1.76	-1.12	3.49 3.54 2.78 3.90 3.20	-1.06	2.08 7.00 3.16 3.48 6.45	2.30	4.42 1.74 4.35 2.31 1.75	-1.74	2.20 3.46 4.64 3.43 3.74	•48	2.46 2.46 2.36 2.00 2.94	34	4.05 3.38 3.50 2.87 3.39		E44.36 47.61 49.68 47.82 47.10	5.09
EASTON POLICE BRKS EDGEMONT ELKTON EMMITSBURG FALLSTON	5.04 3.78 5.82 5.20 5.71	1.66 1.18 2.43 1.93 2.14	2.41 1.79 3.28	74 09 .37	6.10 5.62 6.14 7.17 4.78	2.40 2.38 2.39 3.19	4.70 3.47 4.58 3.96 3.87	1.31 .07 .91 .34	8.00 6.88 7.33 7.06	4.51 2.12 2.98 2.86	1.22 1.68	-3.18 -2.63 -2.43	2.22 2.80 2.45	-2.33 77 -1.93	5.80 2.65 1.92		2.93 2.75 3.65	44 24 .48	3.84 1.34 4.05 1.47	-2.51 -2.51 -85 -2.08	2.04 1.28 2.50 1.11		4.34 3.95 4.04 4.41	+97	48.06 37.53 47.44	5.72 - 3.05 2.70
FORT GEORGE G MEADE FREDERICK POLICE BRKS FREDERICK WB AIRPORT FREDERICK 3 E FRIENDSVILLE 2 W	4.30 4.55 3.59 4.16	.57 1.40 .71	2.50 2.14 1.95 2.10	- •63	7.44 6.29 4.48 4.99	3.65 2.92 1.17	4.11 4.28 4.16 3.91	1.87 .76 .66	7.85 8.11 8.16 8.37	4.34	2.20 .84 .85 1.29	-3.37	8.33 3.99 2.57 2.92	4.40 •08 -1.08		~ .16 -1.54 -1.71	5.43 2.19 2.46 2.13		2.89 1.76 1.12 1.29	45 -1.18 -2.17		15	3+30 4+57 4+29 4+31	1.51	54.42 43.57 37.66 41.45	9.61 2.88 - 2.57
FROSTBURG GERMANTOWN . GLENN DALE BELL STA GREENBELT HAGERSTOWN	4.60 3.29 4.30 4.50 4.16	1.26 .25 .71	2.46 2.46 2.47 1.87	- ,36	7.82 7.70 4.07	2.09 4.38	3.15 4.17 3.99 3.24	60 .48	7.24 7.12 6.92	.80 3.26	1.44 3.71 2.10 1.11	-3.32 06	3.65 4.05 2.65 2.91	09 24	1.28 3.83 2.94 3.03	-2.92 81	1.60 4.97 3.40 3.44	-1.58 1.10	3.07 3.57 1.21	-2.81 17	1.77 1.95 1.20	95 -1.33	2.17 3.13 3.46 3.61	- •72 •33	32.68 50.52 45.85 36.77	- 9.26 7.29
HANCOCK FRUIT LAB HUNTINGTOWN KEEDYSVILLE LA PLATA LAUREL 3 W	4.62 4.22 E 3.89 3.52	1.95 1.42 .05		69 05 71	5.01 4.29 5.36 7.55	1.79 1.36 2.06 3.98	3.27 3.31 3.15 4.57	.64 73 95	7.85 5.82 6.21 8.79	4.19 2.36 2.33 5.30	1.72 .90 1.95 2.38	-2.98 -2.32	3.79 2.28 4.98 3.35	.07 -1.47 .36 92	.76 1.80 2.25 4.07	-2.61 -2.24 -2.33 64	1.68 2.38 2.77 3.69	83 95	1.44 1.25 4.88 2.55	-2.02 1.78	2.31 1.35 2.23 2.19	-1.03 63	2.68 3.75 4.00 4.60	.93 1.09	37.50 32.96 E44.52 49.38	1.36 - 5.01 .66 7.41
LEONARDTOWN 4 SSW LISBON LOCH RAVEN DAM LUKE MERRILL	3.94 4.11 4.84 3.96 4.84	.88 .56	2.45 3.30	26 -53	4.43 6.03 5.91 4.06 5.61	.36 2.49 1.36	3.00 3.46 3.71 3.20 3.05		4.50 5.46 4.61 4.56 4.80		1.65 1.77 2.20 1.56	-1.77	1.99 2.76 2.70 2.35	-2.65 94	5.85 2.29 2.25 2.30	1.75	2.27 3.83 1.84 2.65		3.73 3.36 .63 .41		2.56 1.95 .69		2.70 3.92 4.05 1.74 2.12	15 .86	39.13 42.38 30.15 32.96	
MIDDLE RIVER MILLINGTON NATIONAL ARBORETUM D C NEW GERMANY OAKLAND	4.51 5.17 4.71 5.93 6.06	1.48	2.39 3.20		5.04 5.03 6.46 5.82	1.22	4.01 3.72 3.72 4.51	•14			3.94 2.97 2.77 1.80 2.82		2.57 5.07 1.91 2.63	•34 -2•05	1.74 2.65 3.18	-1.95 -1.81		-2.34 -1.37	2.89 3.78 3.66		1.73 2.80 1.67	02	1.77 3.11 3.67	38	E41.13 E44.00	- 4.6
OCEAN CITY DWINGS FERRY LANDING DXFORD PARKTON 2 SW PERRY POINT	2.90 4.38 3.15 E 4.76 5.40	•71 - •02 2•02	3.03	•28	5.05 5.28 6.00 5.81	1.70 2.14 2.31	5.04 3.03 2.81 3.58 5.32	81 29	1.20 6.59 7.46 4.87 8.25	3.53	1.66 3.84 1.85 1.80 3.34	-1.94	1.19 -2.76 2.10 4.32 2.78	-3.41	5.43 2.44 5.59 2.83 1.28	-2.70 1.41 -2.72	1.42 1.94 1.95 6.41 3.25		1.74 3.58 4.72 2.89 2.72	1.52	3.26 1.66 1.95 2.50 1.73	-1.02	2.71 2.93 3.21 4.44 3.90	.03 .41	E33.89 41.11 42.74 E47.43 E46.97	- 2.66 1.44
PICARDY PIKESVILLE POCOMOKE CITY 4 SW PRESTON I S PRETTYBOY DAM	4.78 2.77 3.95	- •26	2.79 3.25 2.51	22	6 • 80 5 • 28 4 • 36	1.58	3.73 4.31 3.95	•91	5.42 4.97 3.07 5.08	1.97	2.22 2.82 1.81 2.49		1.61 3.29 3.16 3.92	94	1.81 2.56 9.73 6.89	-2.03 4.88	5.89 1.72 1.78	-1.43	2.40 1.71 4.01	-1+63	1.74 2.82 2.54		2.89 3.04		E45.77 42.52 44.52	1.46
PRINCE FREDERICK PRINCESS ANNE RANDALLSTOWN POL BRKS RIVERDALE ROCK HALL 3 N	3.42 5.58 E 4.23 3.48	.09 04	2.38 3.08 2.72 2.46 2.66		5.78 5.65 6.93 7.37 5.55	1.77	3.70 4.42 3.96 4.08 3.58	•93 •03	7.66 3.61 4.34 6.69 5.52	438 2.15	2.28 1.77 1.80 3.59 2.41	-1.96 -1.06	1.49 2.05 4.12 3.26 3.42	-2.64 -1.35	5.57 7.87 2.20 2.39 3.59	2.85 -1.29	1.77 2.37 4.82 4.33 4.39		2.10 1.58 2.17 2.27 3.55	-1.61	2.94		3.05 2.55 4.41 3.40 3.23		41.52 45.99 E45.77 43.31	
ROCKVILLE ROYAL OAK SALISBURY SALISBURY POLICE BRKS SALISBURY CAA AIRPORT	3.87 4.27 3.71 3.84 3.46	- •04	1.41 3.00 3.40 3.33 2.83	•26	6:98 5:90 4:50 5:09 4:33	•62	4.63 4.30 4.90 4.03 5.07	- 1	8.54 7.34 2.80 4.90 2.18	- 489	1.77 2.06 1.80 1.32 1.69		3.24 2.34 4.38 3.21 13.05	•14	4.14 4.90 9.64 6.01 6.72	4.21	4.11 2.19 1.82 .77 1.93	-2.06	2.63 4.90 1.21 1.20 1.38	-2,00	2.15 2.36 3.34 3.15 2.19] ,	3.88 3.52 2.35 3.33 2.29	88	47.35 47.08 43.85 40.18 37.12	
SALISBURY U S G S SANDY POINT SAVAGE RIVER DAM SHALLMAR SILVER HILL OBSERVATOR	3.91 4.92 4.21 6.51 4.15		3.61 3.03 2.89 3.36 2.37		5.02 4.99 4.36 5.67 6.42		5.05 3.75 3.56 4.03 3.76		3.09 7.36 4.69 5.75 9.99		2.20 4.65 2.06 1.70 3.88		4.15 3.73 1.76 1.83 2.79	-	9.00 6.32 2.13 2.59 3.03		1.94 3.89 2.00 2.01 3.50	·	1.29 2.81 .78 .97 4.06		3.13 1.43 1.03 1.34 2.34		2.57 3.40 2.19 2.86 3.21		44.96 50.28 31.66 38.62 49.50	
SINES DEEP CREEK SNOW HILL SOLOMONS STEVENSVILLE 1 W TAKOMA PARK MISS AVE	5.38 3.53 3.83 4.85 3.64	1.60 32 .73	3.55 3.43 3.04 3.05 2.31	01 .19		1.54 1.73 1.67	4.73 4.86 3.04 3.21 3.94			1.0	2.94 4.27 1.23 4.21 3.02	-2.16	2.43 1.92 2.62 3.86 3.77	-2.25 -2.72 -2.00	2.41 12.28 7.68 5.05 2.61		1.71 1.47 2.80 4.03 4.09		.68 1.91 2.34 2.70 3.15	-1.21 36	3 46	.25	3.17 2.89 3.15 3.16 3.70	• 40	E38.94 49.99 41.96 47.51 45.94	- 8.51 5-18 3.52 3.47
TONOLOWAY TOWSON UNIONVILLE UNIONVILLE UNIONA	4.12 5.00 4.22 4.68 4.01	1.61 1.37 1.12	3.03	- •14	4.75 6.81 4.69 6.91 4.67	1.72 3.18 1.58	2.23 3.87 3.81 3.85 3.64	-1.29 .01 1.15	7.56 4.84 5.57 8.10 3.98		2.12 1.78 1.03 2.84	-1.88 -3.69	2.90 4.25 2.29 2.67 1.68	42 .43 -2.68	1.01 3.01 2.16 3.10 5.04	-2.37 -1.70 -1.58	1.48 4.39 3.29 5.30 1.51	•41		76 -1.72		-1.43 -1.93	3.24 3.90 4.82 3.40 2.95	1.46	35.02 44.93 38.02 47.53 39.10	- 1.96 2.43 - 4.33

See Reference Notes Following Station Inde

÷	Jan	uary	Fel	oruary	Ma	rch	Ap	ril	Ma	y	Ju	ne	Ju	ly	Aug	rust	Septe	mber	Octo	ber	Nove	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
VIERS MILL WALDORF POLICE RRKS WASHINGTON WB CITY DC WATERKOO POLICE BRKS WESTERN PORT WESTERNINSTER WHITE HALL WILLIAMSPORT WOODSTOCK COLLEGE	4.51 4.27 3.67 4.55 4.97 4.58 4.84 4.64	2.24 1.37	2.8 2.7 2.5 3.1 2.1	0 341 5 .45 241 9 .18	8.60 5.96 6.07 6.06 4.55	3.71 2.95 2.35	4.51 4.11 3.56 3.13 2.86	.98 .99 .11	5.58 5.58 6.68 6.15	2.31 1.28 1.82 2.01	2.14 3.67 .85 2.16 1.59	32 -3.25 -2.86	2.74 3.50 1.90	1.69	4.18 2.54 4.29 2.09	-2.19 -1.17 31	4.90 2.71	72 1.15	2.71	08 -1.87 59	1.73 1.03 2.38	-1.06 64 -1.72	5.58 3.23	.08	48.06 38.58 44.92 37.13	2 • 73 2 • 39 1 • 84
STATE AVERAGE	4.41			525		3.26 2.34			6.10			-1.67				61		2.39	2.65			67	3.40			
DELAWARE BRIDGEVILLE DELAWARE CITY REEDY PT DOVER GEORGETOWN LAUREL 2 SW	3.85 5.89 4.26 3.22 E 3.30		2 . 8	9 .29	5.39	2.10	4.77 4.91 3.87 3.87 3.80	1.28 1.53 .29	4.39	.88	3.22	66 -2.02	3.53	-2.65 20 84	3.09		1.20		5.75	.97 2.97 2.33	1.90		4 • 05	49 .76 16	46.19	
LEWES MIDDLETOWN 2 S MILFORD MILLSBORO NEWARK COLLEGE FARM	4.13 5.12 3.60 3.60 5.96	26	3.5	7 293	4.51	.90 .41 2.55	4.17	.47 .52 1.22	4.03		E 4.95	34			11.21		• 94	-2.02 -2.74	2.78 6.93 2.44 3.53	3.63 -1.10	4.35	36	2.95	68	53.63 E53.13 E50.38 46.94	3 . 85
WILMGTON NOASTLE WB AP WILMINGTON CITY HALL WILMINGTON PORTER RESV	5.14 5.16 4.87	1.64	2.3		6.27	2.11 2.68 2.05	4.76 4.64 5.35	1.11	5.39 5.49 5.81		3 . 25	-1.50 75 -1.66	4.12		2,40	-3.39 -2.53 -2.62	3.95	16 .49 88	3.87 3.27 3.26	.88 .18 .28	2.13	-1.14 96 -1.10	4.20	• 75	E48+20	
STATE AVERAGE SECTION AVERAGE	4.43			11			4.43 3.93	. 89	5.39 6.02			-1.60		-1.05				-1.24	4.00	•91 19		- •26 - •69		.11		

Station	Highest	Date	Lowest	Date		spring minimu			rst fall minimum		<u>k</u>	lo. of days etween dates	
·	Ħ				24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
MARYLAND				,									
BERDEEN PHILLIPS FLD NNAPOLIS USN ACADEMY	102 102	8-31 8-31	16 19	12-18 12-18	3- 9 (20°) 3- 9 (24°)	3-11 (27°) 3- 9 (24°)	4-22 (32°) 3-11 (29°)	11- 5 (31°) 11- 6 (30°)	11-8 (24°) 12-16 (27°)	11-8 (24°) 12-17 (24°) 11-14 (24°)	244 283	242 282	197 240
NNAPOLIS 2 WNW ALTIMORE SLEDDS POINT ALTIMORE WB AP	101 103 102	8-31 8-31 8-31	14 15 15	12-18 12-18 12-18	3- 9 (18°) 3- 9 (17°) 3- 9 (19°)	4-22 (28°) 3-11 (28°) 3-11 (28°)	4-22 (28°) 4-22 (30°) 4-20 (32°)	10- 8 (30°) 11- 6 (29°) 11- 6 (27°)	11- 7 (28°) 11- 8 (28°) 11- 6 (27°)	11-14 (24°) 12-17 (19°) 12-16 (24°)	250 283 282	199 242 240	169 198
ALTIMORE WB CITY	100	8-31	20	12-24	3- 8 (23°)	3-11 (26) 3- 9 (25°)	3-11 (30°)	11- 6 (28°)	11- 6 (28°)	12-17 (24°)	284	242	200 240
ALTIMORE PARKVILLE ELTSVILLE	100 101	8-31 9- 1	14 13	12-18 12-19	3- 9 (21°) 3- 8 (20°)	3-11 (25°) 4-22 (26°)	4-22 (31°) 4-22 (26°)	11- 6 (27°) 10- 8 (28°)	11-6 (27°) 10-8 (28°)	12-17 (16°) 11- 8 (16°)	283 245	240 169	198 169
ELTSVILLE PLANT STA 1 ELTSVILLE PLANT STA 2	100	9- 1+ 9- 1	7	12-19 12-19	4-22 (24°) 4-22 (24°)	4-22 (24°) 4-22 (24°)	4-22 (24°) 4-22 (24°)	10- 8 (27°) 10- 8 (27°)	10- 8 (27°) 10- 8 (27°)	11- 8 (16°) 11- 8 (15°)	200 200	169 169	169 169
ELTSVILLE PLANT STA 3 ELTSVILLE PLANT STA 4	101 101	9- 1+ 8-31+	10 10	12-19 12-19	3- 9 (19°) 3- 9 (19°)	4-22 (26°) 4-20 (28°)	4-22 (26°) 4-21 (31°)	10- 8 (29°) 10- 8 (30°)	11- 6 (27°) 11- 6 (25°)	11- 8 (21°) 12- 3 (24°)	244 269	198 200	169 170
ELTSVILLE PLANT STA 5 ELTSVILLE PLANT STA 6	100 103	9- 1+ 9- 1	12	12-19 12-19	4-22 (24°) 3- 9 (17°)	4-22 (24°) 3-11 (26°)	4-22 (24°) 4-21 (32°)	10- 8 (27°) 10- 8 (31°)	10- 8 (27°) 11- 6 (27°)	11- 8 (15°) 11- 7 (24°)	200 243	169 240	169 170
ENSON POLICE BRKS ENTLEY SPRINGS	101 99	8-30 8-31	12	12-18 12-18	3-11 (22°) 3-21 (22°)	4-22 (28°) 4-22 (25°)	4-22 (28°) 4-22 (25°)	10- 8 (30°) 10- 8 (27°)	11- 6 (27°) 10- 8 (27°)	11- 8 (21°) 11- 8 (21°)	242 201	198 169	169 169
ERLIN 2 NE ETHESDA NIH	98 100	7-18 8-30+	13	12-18 12-18+	3- 9 (22°)	3-11 (28°) 3-11 (28°)	4-22 (30°) 4-22 (29°)	10- 9 (31°) 10- 8 (29°)	11- 8 (27°) 11- 6 (27°)	12-3 (22°) 11-8 (23°)	269 244	242 240	170 169
ITTINGER 2 NW LACKWATER REFUGE	92 100	8-31+ 8-31+	-	1- 5	3-11 (24°)	4-22 (28°)	4-22 (28°)	10- 8 (25°) 10- 8 (32°)	10- 8 (25°) 11-27 (27°)	11- 5 (20°) 12- 3 (24°)	267	219	169
OYDS 2 NW RIGHTON DAM	96 100	7-18+ 9- 2	14 10	2- 2+ 12-25	3-9 (20°) 3-11 (24°)	3-11 (28°) 4-22 (26°)	4-22 (32°) 4-22 (26°)	11- 5 (29°) 10- 8 (28°)	11- 6 (26°) 10- 8 (28°)	11- 8 (24°) 11- 8 (17°)	244 242	240 169	197 169
RIGHTWOOD, D. C. ROOKSIDE MANOR	99	7-19+		12-18	3- 9 (23°) 3- 9 (20°)	3-10 (27°) 3-11 (28°)	3-12 (31°) 4-22 (29°)	11- 6 (30°)	- (10)	12-17 (20°)	283		239
AMBRIDGE 4 W	101	7-18+	21	3- 2+	3- 2 (21°)	3-10 (28°)	3-21 (31°)	11- 6 (30°)	11- 8 (27°)	12- 3 (23°)	276	243	230
ENTERVILLE HARLOTTE HALL	99	7-18+ 8-31	16 11 10	2- 2 12-18 12-19	3-8 (24°) 3-3 (23°) 3-9 (22°)	3-21 (26°) 4-20 (28°) 4-20 (28°)	4-22 (29°) 4-20 (28°) 4-22 (30°)	10- 8 (30°) 10- 8 (32°) 10- 8 (31°)	11- 6 (28°) 11- 7 (28°) 11- 6 (28°)	11-8 (20°) 11-27 (23°) 12-17 (19°)	245 269 283	230 201 200	169 171 169
HELTENHAM HESTERTOWN HEWSVILLE BRIDGEPORT	103	8-31 8-31	17	12-18 12-18	3- 9 (23°) 3- 9 (18°)	3-11 (25°) 4-20 (26°)	3-21 (31°) 4-22 (29°)	11- 6 (29°) 10- 8 (27°)	11- 7 (28°) 10- 8 (27°)	12-17 (21°) 11-11 (23°)	283 247	241 171	230 169
LEAR SPRING	102	8-31	14	2- 2+	3- 9 (20°)	3-11 (27°)	4-22 (29°)	11- 4 (32°)	11- 5 (26°)	11-11 (24°)	247	239	196 210
OLEMAN OLLEGE PARK UNI OF MD ONOWINGO DAM	104	8-31 8-31	17	2- 2 - 12-18	3- 9 (23°) - 3-11 (22°)	3-11 (25°) - 3-11 (22°)	3-11 (25°) 4-22 (30°)	11- 6 (30°) 10- 8 (32°)	12-16 (28°)	12-17 (21°) - 11- 8 (22°)	283 - 242	280 - 241	. 169
ONOWINGO POLICE BRKS	101	9- 1	12	12-18	3-11 (22°)	3-11 (22°)	4-22 (29°)	10- 8 (28°)	10- 8 (28°)	11- 8 (20°)	242	211	169
RISFIELD UNBERLAND	96 102	7- 2 9- 3	22 14	2- 2 2- 2+	3- 2 (23°) 3- 9 (18°)	3- 9 (28°) 4-15 (28°)	3-11 (32°) 4-22 (29°)	11- 7 (32°) 10- 8 (28°)	12-17 (26°) 10- 8 (28°) 10- 8 (21°)	12-18 (24°) 11- 6 (22°) 10- 8 (21°)	291 242 176	283 176 169	241 169 154
UMBERLAND POLICE BRKS ALECARLIA RES., D. C. ENTON	100 100 102	8-30+ 8-31 7-18+	10 13 14	12-25 12-19 12-18	4-15 (24°) 3- 9 (22°) 3- 9 (22°)	4-22 (25°) 3-26 (26°) 3-21 (28°)	4-22 (25°) 4-22 (31°) 4-22 (29°)	9-23 (30°) 11- 6 (27°) 10- 8 (31°)	11- 6 (27°) 11- 8 (22°)	11- 8 (23°) 11- 8 (22°)	244 244	225 232	198 169
ISTRICT HEIGHTS	101	8-31	13	12-19	3- 9 (22°)	3-11 (27°)	4-21 (32°)	11- 6 (26°)	11- 6 (26°)	12-17 (19°)	283	240	199
UNDALK ASTON	102 100	8-31 8-31	19 21	2- 2+ 2- 2	3- 9 (24°) 2- 2 (21°)	3- 9 (24°) 4- 9 (26°)	3-11 (29°) 4-21 (31°) 3-21 (30°)	11- 6 (29°) 11- 6 (30°)	12-3 (28°) 12-17 (25°)	12-17 (22°) 12-18 (23°) 12-17 (22°)	283 319 281	269 252	240 199
ASTON POLICE BRKS	99 102	7-18 8-31	16 12	3- 2+ 12-18	3-11 (21°) 3- 9 (16°)	3-11 (21°) 3-21 (28°)	4-22 (30°)	10- 8 (31°)	11- 8 (15°)	11- 8 (15°)	244	232	169
MMITSBURG ALLSTON	-	- :	14	12-24	3- 9 (19°) 4-20 (24°)	3-11 (26°) .4-21 (28°)	4-21 (32°) 4-22 (30°)	11- 5 (30°)	11- 6 (25°)	11- 8 (21°)	244	240	198
ORT GEORGE G MEADE REDERICK POLICE BRKS	101 101	8-30+ 8-31	14	12-18+ 12-18	3- 9 (19°) 3- 9 (19°)	4-22 (25°) 3-21 (25°)	4-22 (25°) 4-21 (31°)	10- 8 (28°) 10- 8 (32°) 10- 8 (30°)	10- 8 (28°) 11- 6 (25°) 11- 6 (26°)	11- 8 (18°) 11- 7 (24°) 11- 8 (18°)	244 243 242	169 230 198	169 170 169
REDERICK WB AP RIENDSVILLE 2 W	101	9- 2	15	2- 2	3-11 (24°)	4-22 (28°)	4-22 (28°)	_	_	_		_	
ROSTBURG LENN DALE BELL STA	97 101	8-30+ 8-31	7 9	12-18 12-19	3-10 (24°) 3-21 (24°)	4-21 (27°) 4-22 (25°)	4-22 (31°) 4-22 (25°)	10- 8 (25°) 10- 8 (27°)	10- 8 (25°) 10- 8 (27°)	11- 6 (20°) 11- 8 (17°)	241 232	170 169	169 169
REENBELT AGERSTOWN	102 100	9- 1 8-31	14	2- 2+ 12-18	3-10 (23°) 3- 9 (18°)	4-22 (27°) 3-11 (25°)	4-22 (27°) 4-21 (29°)	10- 8 (30°) 10- 8 (31°)	11- 7 (28°) 11- 6 (26°)	11- 8 (23°) 12-17 (16°)	243 283	199 240	169 170
ANCOCK FRUIT LAB	103 107	9- 3 8-31	7 12	12-25 12-18	4-22 (23°) 3- 9 (17°)	4-22 (23°) 4-22 (28°)	4-22 (23°) 4-22 (28°)	9-24 (29°) 10- 8 (27°)	10- 8 (22°) 10- 8 (27°)	10- 8 (22°) 11-11 (22°)	169 247	169 169	155 1 6 9
A PLATA AUREL 3 W	102 101	8-31 8-30+	10	12-19 12-18+	3- 9 (22°) 3- 9 (21°)	3-11 (27°) 3-11 (27°)	4-21 (32°) 4-21 (32°)	10- 8 (32°) 11- 6 (26°)	11- 6 (28°) 11- 6 (26°)	12-3 (24°) 12-17 (17°)	269 283	240 240	170 199
EONARDTOWN 4 SSW	99	7_ 2+	18	12-18 12-19	3- 9 (24°) 3-11 (24°)	3-11 (27°) 3-21 (28°)	4-22 (29°) 4-22 (29°)	11- 6 (31°)	11- 9 (27°)	12- 3 (22°)	269	243	198
ISBON IDDLE RIVER ILLINGTON	100 103	8-31 8-31	14	12-18 12-18 12-18	3-11 (24) 3- 8 (24°) 3- 9 (20°)	3-9 (28°) 3-21 (28°)	4-22 (31°) 4-22 (31°)	11-6 (29°) 10-7 (32°)	11- 8 (23°)	12-17 (19°) 11- 8 (23°)	284 244	244. 232	198 168
ATIONAL ARBORETUM, DC EW GERMANY	102	8-30+ -		-	4-20 (24°)	4-22 (26°)	4-22 (26°)	11- 6 (28°)	11- 6 (28°)	12-17 (21°)	=	=	= -
DAKLAND	95 95	8-31+ 7-29	2 13	1- 2 12-18	4-22 (23°) None	4-22 (23°) 3- 9 (28°)	4-22 (23°) 3- 9 (28°)	9-14 (29°) 11- 6 (28°)	9-23 (26°) 11- 6 (28°)	10- 8 (17°) 12-17 (20°)	169	154 242	145 242
CEAN CITY WINGS FERRY LANDING XFORD	104 94	8-31 7-30+	16 19	12-18 2- 2	3- 9 (21°) 3- 8 (24°)	3-11 (28°) 3-11 (28°)	4-20 (31°) 3-11 (28°)	11- 6 (30°) 11- 6 (29°)	11-27 (28°) 12- 3 (27°)	12-17 (19°) 12-17 (23°)	283 284 242	261 267 200	200 240 169
ARKTON 2 SW	99	8-31	10	12-18	3-11 (21°)	4-20 (28°)	4-22 (30°)	10- 8 (29°) 10- 8 (26°)	11- 6 (25°) 10- 8 (26°)	11- 8 (23°) 12- 3 (24°)	242	200	169
PICARDY PIKESVILLE POCOMOKE CITY 4 SW	102 104 98	8-30+ 8-31 7-18+	14	12-18 12-18	3- 9 (20°) 3- 9 (22°)	3-11 (25°) 3-11 (27°)	4-20 (30°) 4-22 (32°)	11- 6 (26°) 10- 8 (31°)	11-6 (26°) 11-27 (26°)	12- 3 (24°) 11- 7 (23°) 12- 3 (24°)	243 269	. 240 261	200 169
RESTON 1 S RINCE FREDERICK	100 101	8-31 8-31	18 16	12-18	3- 8 (24°) 3- 9 (21°)	3-21 (28°) 3-10 (27°)	4-22 (30°) 4-20 (29°)	10- 8 (31°) 10- 8 (32°)	11- 6 (28°) 11- 7 (28°)	12-17 (22°) 12-17 (21°)	284 283	230 242	169 171
RINCESS ANNE	97	7-18	11	12-18+		4-22 (27°) 4-20 (28°)	4-22 (27°) 4-22 (31°)	10- 8 (27°) 10- 9 (28°)	10- 8 (27°) 10- 9 (28°)	11- 8 (23°) 11- 6 (19°)	244 242	169 172	169 170
ANDALLSTOWN POLICE BRK IVERDALE	100 102 101	9- 1 8-31 8-31	12 11 16	2- 2+ 12-19 2- 2	4-15 (22°) 3-8 (23°)	4-22 (26°) 3-21 (27°)	4-22 (26°) 4-22 (31°)	10-8 (29°) 11-6 (30°)	10- 9 (26°) 11- 9 (27°)	11- 8 (19°) 12- 3 (24°)	207 270	170 233	169 198
OCKVILLE OCK HALL 3 N	. 99	8-31	11	12-19	3- 9 (21°)	3-11 (28°)	4-20 (30°)	11- 6 (27°)	11- 6 (27°)	11-28 (24°)	264	240 263	200
OYAL OAK ALISBURY	101 100	8-31 7-18	21 20	2- 2+ 2- 2 3- 9+	3-8 (23°)	3-9 (26°) 3-11 (28°) 4-22 (28°)	3-21 (31°) 4-22 (32°) 4-22 (28°)	11- 6 (30°) 10- 9 (32°) 10- 8 (27°)	11-27 (28°) 12-3 (28°) 10-8 (27°)	12-17 (24°) 12-26 (23°) 11-27 (23°)	290 293 251	263 267 169	170 169
ALISBURY POLICE BRKS ALISBURY CAA AP ALISBURY U S G S	100 100 101	7-19- 7-18 7-19	16 15 15	3- 9+ 12-18 12-18	3-21 (24°) 3- 9 (21°) 3- 3 (23°)	3-10 (27°) 3-10 (28°)	4-22 (31°) 3-21 (30°)	10- 8 (31°) 10- 9 (32°)	11- 7 (27°) 11- 8 (27°)	12- 3 (22°) 11-27 (21°)	269 269	242 243	169 202
ANDY POINT	99	8-31	18	12-18	3- 9 (22°)	3- 9 (22°)	3-21 (32°)	11- 6 (30°) 10- 8 (25°)	11- 9 (25°) 10- 8 (25°)	12-17 (23°) 11- 6 (20°)	283 205	245 169	230 169
AVAGE RIVER DAM ILVER HILL OBSERVATORY	98 101 95	9- 2- 8-31 9- 3	15 4	12-19 12-19 2-18	4-15 (22°) 3- 2 (22°) 4-22 (24°)	4-22 (26°) 3- 9 (25°) 4-22 (24°)	4-22 (26°) 4-15 (32°) 4-22 (24°)	10- 8 (25°) 11- 6 (28°) 10- 8 (20°)	11- 6 (28°) 10- 8 (20°)	12-17 (20°) 10- 8 (20°)	290 169	242 169	205 169
INES DEEP CREEK NOW HILL	101	7-18	14	12-18+	3- 9 (22°)	3-11 (27°)	4-22 (29°)	11- 7 (30°)	11-27 (26°)	12- 3 (22°)	269	261	199 242
OLONONS TEVENSVILLE 1 W	98 99	7-30 8-31	20 20	12-18 2- 2+	3-2 (24°) 3-2 (24°)	3-9 (26°) 3-11 (28°)	3-10 (32°) 3-11 (28°) 4-22 (32°)	11- 7 (30°) 11- 6 (32°) 11- 6 (28°)	12-17 (23°) 12-3 (28°) 11-6 (28°)	12-17 (23°) 12-17 (21°) 12- 3. (24°)	290 290 269	283 267 240	242 240 198
	100	8-31	15	12-19	3- 9 (20°) 4-22 (24°)	3-11 (28°) 4-22 (24°)	4-22 (32) 4-22 (24°)	9-22 (32°)	10- 8 (28°)	11- 5 (22°)	197	169	153
AKOMA PARK MISS AVE ONOLOWAY OWSON	102 101	8-27- 8-31	10	12-19+ 12-18	3- 9 (19°)	4-22 (27°)	4-22 (27°)	10- 8 (29°)	11- 7 (28°)	11-8 (24°)	244	199	169

See reference notes following Station Inde:

TEMPERATURE EXTREMES AND FREEZE DATA

Table 3-Continued.

	reet				Los	t spring minimu	na of	Fi	irst fall minimum	of		io, of days etween dates	
Station	Highest	Date	Lowest	Date	24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° of below	28° or below	32° or below
INIONVILLE US SOLDIERS HOME, D. C. VIENNA VIERS MILL ALDORF POLICE BRES	103 102 99 100	8-31+ 9- 1 7-30+ 9- 2	12	12-18 12-18 12-18 12-18+ 12-19	4-22 (24°) 3-9 (21°) 3-11 (22°) 3-11 (24°)	4-22 (24°) 3-11 (26°) 3-11 (22°) 4-22 (28°)	4-22 (24°) 4-20 (32°) 4-21 (30°) - 4-22 (28°)	10- 8 (25°) 11- 6 (27°) 10- 8 (32°) 10- 9 (31°) 10- 8 (30°)	10-8 (25°) 11-6 (27°) 11-7 (27°) 11-6 (28°) 11-6 (28°)	11-8 (18°) 12-17 (17°) 12-3 (24°) 11-7 (19°) 11-8 (18°)	200 283 267 242	169 240 241 	169 200 170 - 169
VASHINGTON WB CITY, DC VATERLOO POLICE BRKS VESTERN PORT VESTMINSTER VOODSTOCK COLLEGE	103 100 104 100 99	8-30 8-31+ 9- 3 9- 2+ 7-18+		12-18+ 12-19 12-18+ 2- 2+ 12-19	3- 2 (23°) 3- 9 (18°) 3-10 (21°) 3-11 (24°) 3- 9 (20°)	3- 9 (25°) 3-11 (27°) 4-22 (28°) 4-20 (26°) 4-22 (25°)	3-11 (31°) 4-21 (29°) 4-22 (28°) 4-22 (31°) 4-22 (25°)	11- 6 (29°) 11- 6 (27°) 10- 8 (28°) 10- 8 (29°) 10- 8 (27°)	12-16 (27°) 11- 6 (27°) 10- 8 (28°) 11- 6 (25°) 10- 8 (27°)	12-17 (21°) 11-8 (21°) 11-11 (23°) 11-8 (24°) 11-8 (21°)	290 244 246 242 244	280 240 169 200 169	240 199 169 169 169
DELAWARE SRIDGEVILLE DELAWARE CITY REEDY PT OVER LEGREFOWN LAUREL 2 SW	99 100 100 101 102	7-18 9- 1 8-31 7-19 7-18	11 17 15 10 12	12-18 2- 2+ 12-18 12-18 12-26	3-9 (20°) 3-11 (23°) 3-9 (23°) 3-21 (24°) 3-9 (20°)	4-22 (28°) 3-11 (23°) 3-11 (25°) 4-23 (28°) 3-21 (28°)	4-22 (28°) 4-20 (31°) 3-11 (25°) 4-23 (28°) 4-22 (29°)	10- 8 (29°) 11- 6 (25°) 11- 6 (30°) 10- 8 (30°) 10- 8 (29°)	11- 7 (28°) 11- 6 (25°) 11- 8 (27°) 11- 8 (27°) 11- 7 (28°)	11-8 (23°) 12-17 (20°) 12-17 (20°) 11-27 (24°) 11-27 (23°)	244 281 283 251 263	199 240 242 199 231	169 200 240 168 169
EWES IIDDLETOWN 2 S IILFORD IILLSBORO EWARK COLLEGE FARM	99 101 100 101	8-31 7-18 8-31 8-31	14 13 12 10 12	12-18 12-18 12-18 12-18 12-18	3- 9 (19°) 3- 9 (20°) 3-11 (21°) 3-11 (21°)	3-10 (26°) 3-21 (27°) 4-22 (27°) 3-21 (26°) 3-11 (26°)	4-22 (30°) 4-22 (30°) 4-22 (30°) 4-22 (27°) 4-22 (29°)	10- 9 (31°) 10- 8 (32°) 10- 9 (31°) 10- 8 (30°) 11- 6 (29°)	11- 8 (28°) 10-14 (28°) 11- 8 (27°) 11- 5 (28°) 11- 7 (28°)	12- 3 (24°) 12- 3 (23°) 12- 3 (23°) 11- 8 (14°) 11- 8 (21°)	269 - 269 267 242	243 207 200 229 241	170 169 170 169
ILMINGTON NCASTLE WB AI ILMINGTON PORTER RES	99	8-30+ 8-31	13 14	12-18 2- 2+	3- 9 (18°) 3-11 (23°)	3-11 (26°) 3-11 (23°)	4-22 (32°) 4-21 (32°)	11- 6 (29°) 11- 6 (27°)	11- 7 (28-)	12-17 (17°)	281	240	199

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	L.
BELTSVILLE	EVAP DEP. WIND	11.1	111	1 - 1	-	5.72 44 1325	6.34 12 1001	9.23 2.09 1192	B6.91 .72 1092	B5.40 .66 1140	B4.12 .73 1108	111	=	-	
SALISBURY U S G S	EVAP DEP. WIND	1.49 - 1891	2.35 1857	3.67 - 2239	5.49 2213	7.33 1694	7.66 1372	9.44	6.87 1033	5.86 1273	3.40 1219	1.89 1117	1.89	57.34 19104	
SAVAGE RIVER DAM	EVAP DEP. WIND	-	-		-	5.67 1433	6.65	7,23 - 899	5.84 988	B4.80 - 1134	B3.53 - 1315	1285		- -	

† CHANGES IN STATION NAMES

<u>DATE</u>

BERLIN 2 NE, MD. CAMBRIDGE 4 W, MD. DENTON, MD. PRIENDSVILLE 2 W, MD.	BERLIN, MD. CAMBRIDGE 5 W, MD. DENTON 1 NE, MD. FRIENDSVILLE 4 NNW, MD.	January 1953 November 1953 January 1953 May 1953
•	RELOCATIONS	
BERLIN 2 NE, MD. CAMERIDGE 4 W, MD. COCKEYSVILE 2 NE, MD. DENTON, MD. FRIENDSVILLE 2 W, MD.	All equipment moved 1.7 miles NW All equipment moved 1/4 mile EME Recording gage moved 30 feet S All equipment moved 1 mile SW All equipment moved 3 miles SSW	January 16, 1953 November 5, 1953 June 15, 1953 January 17, 1953 May 11, 1953
LA PLATA, MD. LISBON, MD. LISBON, MD. MIDDLE RYVER, MD. NATIONAL ARBÖRETUM, D. C.	All equipment moved 1/2 mile SE All equipment moved 100 feet NE All equipment moved 1.6 miles W All equipment moved 0.5 mile SW All equipment moved 500 feet SSE	January 19, 1953 March 6, 1953 November 15, 1953 October 23, 1953 June 1, 1953
VIERS MILL, MD.	All equipment moved 2 blocks S	June 24, 1953

OLD NAME

	T	T -		_				ears o			ned] [T			_				ars of		pened	1455
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	ا_	duri	Month closed	4 1		Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp.	Precip.	- gai	Month Andread	Refer
MARYLAND									1														T		
ABERDEEN PHILLIPS FIELD ANNAPOLIS US NAVAL ACADEMY ANNAPOLIS 2 WNW BALTIMORE SLEDDS POINT BALTIMORE WB AIRPORT	0185 0193 0460	HARFORD ANNE ARUNDEL ANNE ARUNDEL BALTO 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	35 88 3 5	35 88 3 5				1 2 3 C 1 2 3 1 2 3 1 2 3 1 2 3 C		MERRILL MIDDLE RIVER MILLINGTON NEW GERMANY OAKLAND	5916 5985 6408	GARRETT BALTIMORE KENT GARRETT GARRETT	1	39 36 39 18 39 15 39 38 39 24	79.05 76 25 75 50 79 07 79 24	1790 15 27 2490 2420	56 5 56	2 4 56 5 5			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	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	83 6 16 5	83 6 16 5	13			1 2 3 C 1 2 3 1 2 3 4 1 2 3 1 2 3		OCEAN CITY OWINGS FERRY LANDING OXFORD PARKTON 2 SW PERRY POINT	6770 6785 6844	WORCESTER CALVERT TALBOT BALTIMORE CECIL	1	38 20 38 42 38 42 39 38 39 33	75 05 76 41 76 10 76 42 76 04	17 120 10 600 40	5 37 17 1	5 37 17 1 1	JAN		1 2 3 1 2 3 1 2 3 1 2 3 C 2
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	5 5 5 6	5 5 5 6				1 2 3 1 2 3 1 2 3 C 1 2 3 C 1 2 3		PICARDY PIKESVILLE POCOMOKE CITY 4 SW PRESTON 1 5 PREITYBOY DAM	7015 7140 7310	ALLEGANY BALTIMORE WORCESTER CAROLINE BALTIMORE	1	39 33 39 23 38 01 38 42 39 38	78 30 76 43 75 37 75 55 76 42	1030 500 8 50 780	27 6 5 5 22	27 6 5 5 22		JAN	1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
BENTLEY SPRINGS TBERLIN 2 NE BETHESDA BETHESDA NAT INST MEALTH BITTINGER 2 NW	0752 0795 0800	BALTIMORE WORCESTER MONTGOMERY MONTGOMERY GARRETT	5	39 41 38 21 38 58 39 00 39 37	76 41 75 12 77 07 77 06 79 15	730 22 320 310 2700	5 3 3	5 3 1		4AY		1 2 3 1 2 3 C 1 2 3 1 2 3		PRINCE FREDERICK PRINCESS ANNE RANDALLSTOMN POLICE BRKS RIVERDALE ROCK HALL 3 N	7330 7435 7615	CALVERT SOMERSET BALTIMORE PRINCE GEORGE KENT	1	38 37 38 12 39 23 38 58 39 11	76 35 75 40 76 50 76 56 76 14	140 17 625 50	1 5 8 40	1 5 6 8	MAL		1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
BLACKWATER REFUGE BOYDS 2 NW BRIGHTON DAM BROOKDALE BROOKSIDE MANOR	1032 1125 1170	DORCHESTER MONTGOMERY MONTGOMERY MONTGOMERY PRINCE GEORGE	5	38 26 39 12 39 13 38 57 38 58	76 08 77 20 77 02 77 06 76 58	5 580 350 260 50	13 1 5	13 1 8 8	F	€B .		1 2 3 1 2 3 1 2 3 2 2 1 2 3		ROCKVILLE ROYAL OAK SALISBURY SALISBURY POLICE BRKS SALISBURY CAA AP	7806 8000 8003	MONTGOMERY TALBOT WICOMICO WICOMICO WICOMICO	1	39 05 38 43 38 22 38 25 38 20	77 09 76 11 75 36 75 34 75 30	440 10 10 42 52	6 47 6 6	6 47 6		1	1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
BURNT MILLS RESERVOIR †CAMBRIDGE 4 M CENTERVILLE CHARLOTTE HALL CHELTENHAM	1385 1627 1685	MONTGOMERY DORCHESTER QUEEN ANNES ST MARYS PRINCE GEORGE	1	39 02 38 34 39 02 38 28 38 44	77 00 76 09 76 03 76 44 76 51	220 5 55 167 230	59 1 32 53	8 59 1 32 53	J	IAN		2 1 2 3 1 2 3 1 2 3 1 2 3		SALISBURY USGS SANDY POINT SAVAGE RIVER DAM SHALLMAR SHARPTOMN	8050 8065 8191	WICOMICO ANNE ARUNDEL GARRETT GARRETT WICOMICO	1	38 22 39 01 39 31 39 23 38 33	75 35 76 24 79 08 79 12 75 43	30 10 1495 1700	3	2 7	8	JAN	1 2 3 4 1 2 3 1 2 3 4 C
CHESTERTOWN CHEWSVILLE BRIDGEPORT CLEAR SPRING COCKEYSVILLE 2 NE COLEMAN	1790	KENT WASHINGTON WASHINGTON BALTIMORE KENT	5	39 13 39 38 39 40 39 30 39 21	76 04 77 41 77 54 76 38 76 07	35 560 560 420 80	48 56 54 36	48 56 54 56			NOV	1 2 3 1 2 3 1 2 3 1 2 3		SNOW HILL SOLOMONS	8315 8380 8405	PRINCE GEORGE GARRETT WORCESTER CALVERT BALTIMORE	7 1 1	38 50 39 31 38 10 38 19 39 33	76 57 79 25 75 24 76 27 76 39	284 2038 16 20 285	3 29 38 62	3 29 38 62		JAN	1 2 3 C 1 2 3 C 1 2 3 1 2 3
COLLEGE PARK UNI OF MD COMOWINGO DAM COMOWINGO POLICE BARRACKS CRISFIELD CUMBERLAND	2060 2065 2205	PRINCE GEORGE HARFORD HARFORD SOMERSET ALLEGANY	6	38 59 39 39 39 39 37 59 39 39	76 56 76 10 76 11 75 51 78 45	195	6 34	67 18 6 34 83	-			1 2 3 1 2 3 1 2 3 1 2 3 1 2 3	1	STEVENSVILLE 1 W TAKOMA PARK MISS AVE TONOLOWAY TOMSON UNIONVILLE	8725 8855 8877	QUEEN ANNES MONTGOMERY WASHINGTON BALTIMORE FREDERICK	5	38 59 38 59 39 40 39 24 39 27	76 20 77 00 78 15 76 36 77 11	10 230 550 415 430	29 29 16 14	2 9 29 41 12			1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 C
CUMBERLAND POLICE BARRACKS †DENTON DISTRICT HEIGHTS DUNDALK EASTON	2523 2585 2660	ALLEGANY CAROLINE PRINCE GEORGE BALTIMORE TALBOT	4 3	39 39 38 53 38 51 39 16 38 46	78 49. 75 50 76 54 76 31 76 04	20 272 28 28	6 2 8 5	6 2 8 5	,	AN.		1 2 3 1 2 3 1 2 3 1 2 3 1 2 3		VIENNA VIERS MILL WALDORF POLICE BARRACKS WATERLOO POLICE BARRACKS WESTERN PORT	9187 9195 9314	DORCHESTER MONTGOMERY CHARLES HOWARD ALLEGANY	5	38 29 39 03 38 39 39 10 39 29	75 50 77 05 76 53 76 47 79 02	12 300 210 230 1000	5 4 6 6	5 6 6			1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
EASTON POLICE BARRACKS EDGEMONT ELKTON EMMITSBURG FALLSTON	2770 2860 2905	TALBOT WASHINGTON CECIL FREDERICK HARFORD	5	38 46 39 40 39 36 39 41 39 31	76 01 77 33 75 50 77 21 76 24	720	27 87	63 15 27 87 84				1 2 3 2 1 2 3 1 2 3 1 2 3	1	WHITE HALL WILLIAMSPORT WOODSTOCK COLLEGE	9507 9570	CARROLL BALTIMORE WASHINGTON BALTIMORE	1 5	39 35 39 37 39 37 39 20	77 00 76 38 77 51 76 53	770 330 360 415	64 5 84	7 15 .84		JULY	123
FORT GEORGE G MEADE FREDERICK POLICE BARRACKS FREDERICK WB AIRPORT FREDERICK 3 E †FRIENDSVILLE 2 W	3348 3350 3355	ANNE ARUNDEL FREDERICK FREDERICK FREDERICK GARRETT	5	39 07 39 25 39 25 39 24 39 40	76 46 77 26 77 23 77 22 79 27	195 380 294 385 2000	6	12 6 10 5				1 2 3 1 2 3 1 2 3 2 1 2 3		DALECARLIA RESERVOIR NATIONAL ARBORETUM U S SOLDIERS HOME	1135 2325 6350 9035		5	38 57 38 56 38 54 38 56	77 01 77 07 76 58 77 01	260 146 70 230	7 8 8	8 .			1 2 3 1 2 3 1 2 3 1 2 3
FROSTBURG GERMANTOWN GLEN ECHO GLENN DALE BELL STATION GRANTSVILLE	3585 3645 3675	ALLEGANY MONTGOMERY MONTGOMERY PRINCE GEORGE GARRETT	5	39 39 39 10 38 58 38 58 39 42	78 56 77 23 77 09 76 48 79 09	150		52 33 33			FEB	1 2 3 1 2 3 C 1 2 3		DELAWARE BRIDGEVILLE DELAWARE CITY REEDY POINT		SUSSEX NEW CASTLE	1 2	36 54 36 44 39 34 39 10	77 03 75 38 75 35	72 45 10	63	63 67 65		-	1 2 3 C 1 2 3 1 2 3 1 2 3
GRASONVILLE GREENBELT HAGERSTOWN HANCOCK FRUIT LABORATORY HUNTINGTOWN	3860 3975 4030	QUEEN ANNES PRINCE GEORGE WASHINGTON WASHINGTON CALVERT	5	38 57 39 01 39 39 39 42 38 37	76 12 76 52 77 44 78 11 76 37	428	20	6 12 20 18		ı		1 2 3 1 2 3 1 2 3 1 2 3 1 2 3		GEORGETOWN LAUREL 2 SW LEWES MIDDLETOWN 2 S	3570 5217 5320 5852	SUSSEX SUSSEX SUSSEX NEW CASTLE	1 2 2 2	38 39 38 32 38 46 39 25	75 32 75 27 75 34 75 08 75 42	50 33 10 60	66 8 1 9	8 1 2 58	MAL		1 2 3 1 2 3 C 1 2 3 1 2 3
, KEODYSVILLE LA PLATA LAUREL 3 W LEONARDTOWN 4 SSW LISBON	5080 5111 5200	WASHINGTON CHARLES PRINCE GEORGE ST MARYS HOWARD	5	39 29 38 32 39 06 36 15 39 21	77 42 76 59 76 54 76 39 77 06	400	39 63	50 39 63 19				1 2 3 1 2 3 1 2 3 1 2 3 C 1 2 3		MILLSBORO NEWARK COLLEGE FARM WILMINGTON N CASTLE WB AP WILMINGTON CITY HALL	6020 6410 9595 9600	SUSSEX SUSSEX NEW CASTLE NEW CASTLE NEW CASTLE	2 2	38 55 38 35 39 39 39 40 39 45 39 46	75 26 75 19 75 46 75 36 75 33	10 20 110 73 99	58 61 41 6	61 41 6			1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
LOCH RAVEN DAM LUKE		BALT IMORE ALLEGANY	3	39 26 39 29	76-33 79-03	950		16				2 2 C		WILMINGTON PORTER RESERVOIR	9605	NEW CASTLE	2	9 46	75 32	260	42	42			125

¹ T-CHESAPEAKE, 2-COASTAL, 3-PATAPSCO, 4-PATUXENT, 5-POTOMAC, 6-SUSQUEHANNA, 7-YOUGHIOGHENY

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in '7; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Teather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state. Pigures and letters following the station name, such as 12 837, indicate distance in allee and direction from the Post Office. Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

- No record.

 Also later date (dates) or months.

 Assount included in following measurement.

 Adjusted to full month.

 Assount is successful to measurement.

 Assount is successful to measurement.

 Assount is wholly or partially setimated.

 Assount is wholly or partially estimated.

 Assount is wholly or partially estimated.

 Be assound the full man a complete month of record available; if average value is entered, less than 10 days of record are missing; see monthly Climatological Data for detailed daily record.

 But from recording gage.

 I consider total for previous month.

 Verylw submerintion includes the Annual Summary.) Checks and money orders should be made payable to the Su

Subscription Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Varly subscription includes the Annual Summary.) Checks and money orders abould be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents. Government Printing Office, Washington 25, D. O.