

U. S. DEPARTMENT OF COMMERCE  
FREDERICK H. MUELLER, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

AUGUST 1959  
Volume LXIII No. 8



ASHEVILLE: 1959

MARYLAND AND DELAWARE - AUGUST 1959  
TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 102° on the 22nd at Ocean City, Md.

Lowest Temperature: 38° on the 3rd at New Germany, Md.

Greatest Total Precipitation: 10.98 inches at Blackwater Refuge, Md.

Least Total Precipitation: 1.38 inches at Crisfield Hammock Pt., Md.

Greatest One-Day Precipitation: 7.82 inches on the 8th at Blackwater  
Refuge, Md.

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE  
AUGUST 1959

Station	Temperature													Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days						
										32° or Above	32° or Below	37° or Below	P. or Below					Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
<b>MARYLAND</b>																											
<b>SOUTHERN EASTERN SHORE</b>																											
CRISFIELD HAMMOCK PT	87.1	74.1	80.6	2.6	95	22	57	3	0	10	0	0	0	1.38	-3.69	.50	1	.0	0			3	1	0			
OCEAN CITY	84.4	69.7	77.1		102	22	55	3	0	5	0	0	0					.0	0								
POCOMOKE CITY 1 S	86.4	65.1	75.8		94	27	40	3	4	11	0	0	0	5.17		2.61	31	.0	0			7	2	1			
PRINCESS ANNE	88.3	65.9	77.1		94	28+	46	3	0	17	0	0	0	6.95		3.70	9	.0	0			8	3	2			
SALISBURY	87.9	67.7	77.8		95	22	51	3	0	15	0	0	0	8.87	2.58	3.86	8	.0	0			10	7	3			
SALISBURY POLICE BRKS	87.1	67.6	77.4		96	27	50	3	0	14	0	0	0	9.75		4.02	8	.0	0			8	7	3			
SALISBURY FAA AIRPORT	86.7	68.6	77.7		97	28	52	3	0	12	0	0	0	8.13		3.90	8	.0	0			9	3	1			
SNOW HILL	86.5	67.9	77.2	2.0	95	22	52	3	0	11	0	0	0	3.87	-1.92	1.45	8	.0	0			8	3	1			
DIVISION			77.6	1.7										6.30	.76			.0									
<b>CENTRAL EASTERN SHORE</b>																											
BLACKWATER REFUGE	86.6	71.1	78.9		92	28+	54	3	0	10	0	0	0	10.98		7.82	8	.0	0			7	5	1			
CAMBRIDGE 4 W	86.5	67.5	77.0		94	22+	51	3	0	9	0	0	0	5.47		2.58	8	.0	0			8	4	2			
DENTON	88.3	67.9M	78.1M		97	22	52	3	0	16	0	0	0	3.41		1.82	8	.0	0			4	3	1			
EASTON POLICE BRKS	87.5	68.6	78.1	2.7	95	22	52	3	0	13	0	0	0	4.68	-.29	2.43	8	.0	0			6	3	1			
PRESTON 1 S	86.5	67.5	77.0		94	22	51	3	0	10	0	0	0	6.66		2.66	8	.0	0			8	4	3			
ROYAL OAK	87.2	70.7	79.0		94	22	56	3	0	13	0	0	0	10.27		7.12	8	.0	0			6	5	2			
VIENNA	87.7	69.3	78.5		95	22	51	3	0	17	0	0	0	8.54		5.08	8	.0	0			8	3	1			
DIVISION			78.1	2.5										7.14	1.95			.0									
<b>LOWER SOUTHERN</b>																											
CHARLOTTE HALL 2 ESE	87.7	66.4	77.1		92	22			0	0	0	0	0					.0	0								
LA PLATA 1 W	88.7M	68.1M	78.4M		95	26+	50	3	0	14	0	0	0	2.66		1.34	8	.0	0			6	2	1			
LEONARDTOWN 4 SSW					96	22+	53	3	0	0	0	0	0					.0	0								
LEONARDTOWN	86.9	67.9	77.4						0	0	0	0	0					.0	0								
OWINGS FERRY LANDING	86.9	67.9	77.4	2.3	96	22	55	3	0	12	0	0	0	2.62	-2.83	1.95	8	.0	0			3	1	1			
PRINCE FREDERICK	87.6M	67.8M	77.7M		98	22	54	3	0	13	0	0	0	5.53		3.46	8	.0	0			6	3	1			
SOLOMONS	87.5	72.8	80.2	2.3	95	22	63	3	0	12	0	0	0	2.66	-2.45	1.50	31	.0	0			4	2	1			
WALDORF POLICE BRKS	88.6	67.1	77.9		97	22	52	3	0	19	0	0	0	1.78		1.33	8	.0	0			2	1	1			
DIVISION			78.1	2.5										3.05	-2.32			.0									
<b>UPPER SOUTHERN</b>																											
ANNAPOLIS U S N ACADEMY	85.5	72.4	79.0	3.0	97	26	59	3	0	7	0	0	0	5.24	.65	2.33	8	.0	0			5	4	2			
ANNAPOLIS 2 WNW	86.1	67.5	76.8		94	22+	53	3	0	11	0	0	0	6.76		2.70	8	.0	0			6	5	3			
BALTIMORE WB AIRPORT	86.3	68.5	77.4	3.0	94	22+	55	3	0	12	0	0	0	4.39	.01	1.72	5	.0	0			7	3	1			
BELTSVILLE	86.8	65.4	76.1		95	29+	48	3	2	13	0	0	0	3.65		2.06	9	.0	0			5	2	1			
BELTSVILLE PLANT STA 1	87.2	66.0	76.6		97	27	48	3	1	16	0	0	0	2.94		2.08	9	.0	0			2	2	1			
BELTSVILLE PLANT STA 2	87.7	65.0	76.4		96	27+	48	3	1	14	0	0	0	2.19		1.63	9	.0	0			4	1	1			
BELTSVILLE PLANT STA 4	88.2	66.3	77.3		98	27	51	3	0	16	0	0	0	2.77		1.60	9	.0	0			4	2	1			
BELTSVILLE PLANT STA 5	88.0	65.1	76.6		96	27+	48	3	1	16	0	0	0	3.32		2.35	9	.0	0			5	2	1			
BELTSVILLE PLANT STA 6	88.0	67.1	77.6		97	27	51	3	0	18	0	0	0	3.61		2.29	9	.0	0			5	2	1			
COLLEGE PARK	89.5	66.9	78.2	3.2	97	26	49	3	0	19	0	0	0	4.57	-.75	3.04	8	.0	0			4	2	1			
DALECARLIA RESERVOIR DC	88.5	68.9	78.7		95	14	55	3	0	16	0	0	0	2.69		2.38	8	.0	0			2	1	1			
FORT GEORGE G MEADE	88.5	66.0	77.3		95	21	50	3	0	16	0	0	0	4.82		2.21	8	.0	0			6	3	2			
GLENN DALE BELL STA	88.7	64.7	76.7	2.5	96	26	49	3	0	16	0	0	0	4.19	-.91	2.72	8	.0	0			5	2	1			
GREENBELT	88.3	66.6	77.5		96	29+	52	4+	0	17	0	0	0	3.41		2.37	9	.0	0			4	1	1			
LANHAM SCOFIELD ESTATE	87.1	65.9	76.5		96	23	52	3	0	14	0	0	0	5.10		3.13	9	.0	0			4	3	1			
LAUREL 3 W	89.1	68.9	79.0		95	27+	59	3	0	19	0	0	0	3.81		2.39	8	.0	0			5	1	1			
NATIONAL ARBORETUM D C	91.0	69.6	80.3		97	28+	55	3	0	22	0	0	0	5.22		3.89	8	.0	0			3	2	1			
SANDY POINT	84.0M	70.2M	77.1M		92	22	57	3	0	1	0	0	0	4.17		2.10	8	.0	0			5	3	1			
U S SOLDIERS HOME D C	87.2	69.2	78.2		95	26+	57	3	0	14	0	0	0	4.32		3.48	8	.0	0			2	2	1			
UPPER MARLBORO 3 NNW	87.0M	65.3M	76.2M		95	22	50	3	1	13	0	0	0	3.73		3.08	9	.0	0			4	1	1			
WASHINGTON WB CITY DC	88.1	71.1	79.6	3.8	96	26+	58	3	0	16	0	0	0	3.90	-.59	3.10	8	.0	0			3	2	1			
DIVISION			77.6	2.5										4.04	-1.16			.0									
<b>NORTHERN EASTERN SHORE</b>																											
CENTREVILLE	86.4	66.3	76.4		92	26+	50	3	0	10	0	0	0	3.72		1.62	8	.0	0			6	3	1			
CHESTERTOWN	87.8	69.5	78.7		98	22	56	3	0	15	0	0	0	3.95		1.81	31	.0	0			6	2	2			
COLEMAN 3 WNW	87.5	69.3	78.4	2.5	94	22	59	3	0	13	0	0	0	6.11	1.17	1.88	8	.0	0			10	4	3			
MILLINGTON	87.0	67.0	77.0	2.1	95	28+	57	3	0	16	0	0	0	2.98	-1.96	1.60	8	.0	0			7	1	1			
ROCK HALL 3 N	87.4	66.8	77.1	1.9	95	22+	49	3	0	13	0	0	0	4.02	-.84	1.59	8	.0	0			6	3	1			
STEVENSVILLE 1 W	84.9M	69.6M	77.3M		91	22+	55	3	0	5	0	0	0	3.40		2.36	8	.0	0			4	2	1			
DIVISION			77.5	2.0										4.03	-.79			.0									
<b>NORTHERN CENTRAL</b>																											
BALTIMORE WB CITY	88.2	72.9	80.6	4.2	98	21	61	3	0	16	0	0	0	4.19	-.19	1.46	8	.0	0			6	3	1			
BALTIMORE HAMILTON					94	21	56	3	0	0	0	0	0	3.64				.0	0								
BENSON POLICE BARRACKS	85.5	64.8	75.2		93	28+	51	3	0	9	0	0	0	4.94		.93	23	.0	0			11	5	0			
BENTLEY SPRINGS 1 WNW	84.8	63.0	73.9		92	26	46	3	1	9	0	0	0	5.32		1.24	8	.0	0			10	4	1			
BETHESDA NAT INST HLTH	88.7	68.5	78.6		96	28+	60																				

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE  
AUGUST 1959

CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days			Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days				
										90° or Above	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	10 or More	.50 or More	100 or More		
																							90° or Above	32° or Below
ELKTON	88.2	66.0	77.1	2.6	95	26+	50	3	0	17	0	0	0	2.76	-2.37	.92	31	.0	0		7	1	0	
EMMITTSBURG 2 SE	87.6	64.9	76.3		98	16	46	3	0	14	0	0	0	3.51		.79	18	.0	0		6	4	0	
FREDERICK POLICE BRKS	88.1	67.7	77.9		96	14	50	3	0	18	0	0	0	6.43		2.05	18	.0	0		9	4	3	
FREDERICK WB AIRPORT	86.3	66.4	76.4	1.8	95	14	48	3	0	12	0	0	0	5.32	1.29	1.42	17	.0	0		9	4	3	
MIDDLE RIVER 1 N	86.6M	64.9M	75.8M		96	21	51	3	0	12	0	0	0	4.86		2.18	8	.0	0		8	3	1	
PARKTON 2 SW	83.7	64.8	74.3		92	26	49	3	0	8	0	0	0	5.04		1.79	8	.0	0		9	2	2	
PIKESVILLE POL BRKS	87.3	67.4	77.4		98	21	56	3	0	14	0	0	0	4.90		2.14	23	.0	0		7	2	2	
RANDALLSTOWN POL BRKS	87.9	66.5	77.2		95	16	53	3	0	16	0	0	0	4.87		1.26	8	.0	0		8	4	2	
ROCKVILLE	89.5	68.1	78.8		97	26	58	3	0	18	0	0	0	2.80		2.00	8	.0	0		4	1	1	
TAKOMA PARK MISS AVE	86.6	67.8	77.2		95	26	53	3	0	11	0	0	0	4.18		2.98	8	.0	0		4	2	1	
TOWSON	87.8	64.3	76.1		95	26	50	3	0	18	0	0	0	3.89	-.76	1.19	30	.0	0		8	3	1	
UNIONVILLE	87.1	64.5	75.8		96	16	41	3	1	13	0	0	0	5.41		1.64	8	.0	0		7	4	3	
VIERS MILL	88.2M	67.2M	77.7M		95	26	52	3	0	16	0	0	0	2.92		2.30	8	.0	0		4	1	1	
WATERLOO POLICE BRKS	86.0	66.4	76.2		93	26	51	3	0	8	0	0	0	5.28		1.72	8	.0	0		7	3	3	
WESTMINSTER	85.9	65.4	75.7	2.5	93	26+	50	3	0	12	0	0	0	4.18	-.90	.95	9	.0	0		10	3	0	
WOODSTOCK	86.7	65.0	75.9	2.4	94	26	48	3	0	12	0	0	0	3.72	-.65	1.21	5	.0	0		6	3	1	
DIVISION			76.6	2.9										4.47	-.33			.0						
APPALACHIAN MOUNTAIN																								
CHEWSVILLE BRIDGEPORT	87.5	65.0	76.3	4.0	94	26+	47	3	0	12	0	0	0	3.76	-.45	1.07	8	.0	0		8	3	1	
CLEAR SPRING 1 ENE	86.5	65.4	76.0		94	26	49	3	0	12	0	0	0	3.44		1.04	8	.0	0		7	3	1	
CUMBERLAND	86.9	64.3	75.6		94	17	48	3	0	11	0	0	0	4.55		1.68	8	.0	0		7	4	1	
CUMBERLAND POLICE BRKS	87.7	63.8	75.8		94	16+	46	3	0	12	0	0	0	3.09		1.81	8	.0	0		5	2	1	
FROSTBURG	84.9	62.1	73.5	3.5	92	26	46	3	0	4	0	0	0	3.87	-.28	1.81	8	.0	0		6	2	1	
HAGERSTOWN	88.0	62.1	75.1		95	26+	45	3	0	14	0	0	0	3.42		.86	18+	.0	0		7	3	0	
HANCOCK FRUIT LAB	87.3	63.2	75.3		95	27+	45	3	3	14	0	0	0	3.77	.37	1.15	8	.0	0		8	4	1	
KEEDYSVILLE	89.0	63.8	76.4	2.0	97	16	44	3	0	18	0	0	0	4.57	.44	1.41	8	.0	0		7	4	2	
PICARDY	85.6	62.7	74.2		94	21	46	3	1	9	0	0	0	3.15	-.88	1.33	8	.0	0		12	1	1	
WESTERNPORT	88.9	64.0	76.5	3.8	96	25+	48	3	0	16	0	0	0	3.97	-.27	1.30	8	.0	0		6	3	2	
DIVISION			75.5	3.0										3.76	-.22			.0						
ALLEGHENY PLATEAU																								
BITTINGER 2 NW	80.3	59.3	69.8		88	26	46	3	8	0	0	0	0	3.14		.75	8	.0	0		6	4	0	
NEW GERMANY	80.7	55.9	68.3		88	24	38	3	18	0	0	0	0	4.31		1.20	24	.0	0		7	3	2	
OAKLAND 1 SE	83.4	57.8	70.6	3.7	91	14	41	3	5	4	0	0	0	2.90	-1.63	.79	31	.0	0		6	3	0	
SAVAGE RIVER DAM	85.1	61.4	73.3		96	16	46	3	2	7	0	0	0	3.02		.79	8	.0	0		8	2	0	
SINES DEEP CREEK	83.4	58.0	70.7	4.7	90	27+	42	3	1	2	0	0	0	2.76	-1.71	.54	30	.0	0		7	2	0	
DIVISION			70.5	3.8										3.23	-1.20			.0						
DELAWARE																								
NORTHERN																								
MIDDLETOWN 2 S	86.8	68.2	77.5		96	22	53	3	0	13	0	0	0	3.50		2.00	9	.0	0		4	2	2	
NEWARK UNIVERSITY FARM	87.2	66.2	76.7		93	28+	51	3	0	15	0	0	0	3.56		.65	31	.0	0		9	3	0	
WILMGTON NCASTLE WB AP	84.7	67.3	76.0	2.2	93	22	55	3	0	9	0	0	0	5.75	.47	3.23	31	.0	0		7	2	1	
WILMINGTON PORTER RESVR	84.0M	67.2M	75.6M		92	26+	55	3	0	10	0	0	0	6.70	1.18	2.71	31	.0	0		9	4	2	
DIVISION			76.5	2.3										4.88	-.47			.0						
SOUTHERN																								
BRIDGEVILLE 1 NW	86.6	68.0	77.3	2.9	95	15	51	3	0	13	0	0	0	4.51	-1.14	1.17	23	.0	0		7	6	1	
DOVER	86.9	68.1	77.5	2.1	93	28+	54	3	0	14	0	0	0	5.20	-.55	1.35	8	.0	0		8	6	1	
GEORGETOWN 5 SW	87.8	68.0	77.9		95	22+	50	3	0	16	0	0	0	3.49		1.50	5	.0	0		6	3	1	
LEWES 1 SW	84.7	68.3	76.5		94	22+	52	3	0	9	0	0	0	4.33		1.27	8	.0	0		8	3	1	
MILFORD	87.1	67.4	77.3		94	26+	52	3	0	10	0	0	0	3.52		.60	8+	.0	0		10	2	0	
SELBYVILLE	87.1	67.1	77.1		95	27+	50	3	0	15	0	0	0	6.42		2.18	1	.0	0		6	4	3	
DIVISION			77.3	2.4										4.58	-1.16			.0						

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
ANNAPOLIS USN ACADEMY, MD.	-	-	-	-	-	-	-	-	-	-	2	2	1	2	1	1	9	-	-
BALTIMORE WB AIRPORT, MD.	S	11	9.8	34	N	5	86	85	58	70	1	5	4	2	1	0	13	68	5.3
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	-	4	5	1	3	0	-	-	-
WASHINGTON WB CITY	S†	21†	5.8	18	N	5	79†	81†	57†	64†	-	2	1	1	0	1	-	59†	5.0†
WILMINGTON WB AIRPORT, DEL.	S	12	6.1	25+	N	22	89	87	63	77	9	2	5	1	0	1	18	-	5.9

† Airport Data



# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
AUGUST 1959

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																
ANNAPOLIS U S N ACADEMY	MAX	89	79	81	76	86	77	76	77	83	85	86	85	91	89	89	88	90	91	89	88	91	94	79	85	86	91	87	90	85	83	83
	MIN	75	65	59	72	69	65	66	71	72	69	69	69	71	73	74	75	77	78	77	74	70	74	73	75	74	73	75	75	76	75	74
ANNAPOLIS 2 WNW	MAX	87	78	80	78	87	75	75	74	83	84	85	88	91	91	90	91	93	91	89	88	94	94	83	85	89	91	91	91	86	84	83
	MIN	70	66	53	64	69	62	66	68	69	66	62	62	62	67	67	67	72	73	72	68	62	69	73	70	85	70	68	71	70	70	71
BALTIMORE WB AIRPORT	MAX	89	78	82	75	86	77	74	75	83	83	84	89	92	93	92	93	94	90	88	90	94	94	76	86	90	93	89	92	87	85	82
	MIN	72	61	55	66	66	63	65	69	71	65	65	65	67	70	69	73	73	72	70	65	68	75	72	71	71	68	73	72	72	70	71
BALTIMORE WB CITY	MAX	92	80	84	76	86	77	76	75	86	87	88	90	94	93	95	95	94	93	91	92	98	96	78	87	94	94	93	93	89	86	83
	MIN	78	68	61	68	67	65	65	70	72	70	72	72	75	77	76	77	78	78	76	73	74	76	71	74	74	73	76	79	73	73	74
BALTIMORE HAMILTON	MAX	89	85	82	79	85	77	75														90	94	93	90	93	91	92	87	84	81	
	MIN	72	62	56	66	69	62	62														65	69	77	67	69	70	72	73	73	73	68
BELTSVILLE	MAX	90	88	78	83	75	82	78	74	74	86	83	84	88	91	94	93	92	93	89	88	90	94	93	78	89	92	95	91	95	81	85
	MIN	68	62	48	62	65	62	62	66	69	63	61	60	61	64	64	67	70	70	67	59	65	69	69	70	70	66	69	70	71	68	70
BELTSVILLE PLANT STA 1	MAX	89	90	79	85	75	88	78	75	74	85	75	83	88	92	94	94	94	94	90	90	92	95	90	79	90	92	97	91	95	87	86
	MIN	68	62	48	62	64	62	65	67	69	64	67	62	61	65	63	67	69	71	67	59	64	67	59	64	71	70	71	71	66	69	72
BELTSVILLE PLANT STA 2	MAX	90	89	79	84	75	88	77	74	76	86	84	85	88	92	94	93	96	94	90	89	92	95	95	79	89	92	96	91	95	87	84
	MIN	67	61	48	61	65	61	65	67	69	63	61	60	60	64	62	66	68	70	66	58	63	69	69	71	70	65	68	70	71	68	68
BELTSVILLE PLANT STA 4	MAX	90	90	80	85	75	88	79	74	77	86	83	85	88	92	95	93	95	93	92	91	93	96	94	79	88	93	98	94	96	88	85
	MIN	70	61	51	63	64	60	64	67	68	64	63	64	65	64	66	70	70	70	68	62	67	72	70	69	70	66	70	71	70	67	68
BELTSVILLE PLANT STA 5	MAX	90	91	80	84	76	89	78	75	76	87	85	86	89	92	94	92	94	92	90	90	91	96	94	80	88	93	96	94	95	86	84
	MIN	67	60	48	60	65	60	65	67	67	63	60	60	60	64	62	66	69	70	66	58	63	69	69	71	70	65	68	68	71	68	79
BELTSVILLE PLANT STA 6	MAX	90	90	79	84	76	89	79	74	75	85	85	85	90	93	94	93	94	93	91	90	91	95	94	79	90	93	97	92	95	87	85
	MIN	69	62	51	64	65	61	65	67	69	64	63	64	64	67	66	71	72	71	69	62	67	72	71	70	71	69	71	72	71	69	70
BENSON POLICE BARRACKS	MAX	88	83	82	78	81	75	74	74	80	82	84	87	91	92	90	92	92	88	87	89	92	93	89	80	89	91	88	93	85	84	79
	MIN	62	61	51	58	67	61	61	64	68	61	63	62	63	66	65	65	69	68	69	68	60	64	73	65	66	68	69	69	66	68	64
BENTLEY SPRINGS 1 WNW	MAX	87	77	82	81	80	76	74	72	81	81	84	86	90	91	91	91	88	86	88	91	91	79	81	89	92	89	91	87	83	79	
	MIN	67	55	46	57	68	60	61	63	65	58	59	58	60	64	63	66	66	68	63	57	62	70	65	66	67	62	67	69	64	68	
BETHESDA NAT INST HLTH	MAX	93	86	78	81	85	76	75	83	84	80	84	90	94	95	94	81	75	92	90	93	92	94	93	89	94	95	96	92	85	84	
	MIN	72	65	60	67	70	63	66	69	66	61	63	68	74	70	69	64	64	68	70	64	70	69	65	67	69	70	69	73	72	71	
BITTINGER 2 NW	MAX	79	72	78	75	77	78	76	75	74	74	76	81	83	87	86	84	83	78	81	84	84	85	86	84	86	88	82	81	80	75	77
	MIN	56	48	46	60	64	57	58	61	59	58	54	55	56	58	60	62	61	62	55	55	59	65	65	65	62	62	63	63	62	63	
BLACKWATER REFUGE	MAX	88	87	80	80	86	86	76	76	80	82	82	88	90	91	88	88	89	90	88	92	92	84	88	92	88	92	89	91	87	83	79
	MIN	75	66	54	66	68	64	66	69	70	70	66	68	73	74	76	77	77	76	74	66	76	77	73	72	74	72	73	74	74	72	
BOYDS 2 NW	MAX	89	74	83	76	87	76	72	72	83	84	84	87	90	92	91	92	91	90	86	89	92	87	85	90	92	85	91	85	80	80	
	MIN	61	59	49	61	62	62	61	62	65	61	62	61	64	63	65	65	67	67	64	64	60	71	65	67	64	65	68	67	68	68	
CAMBRIDGE 4 W	MAX	87	84	82	78	87	77	77	75	81	82	83	88	89	92	91	91	90	88	88	89	94	94	89	86	86	93	91	92	89	86	84
	MIN	71	64	51	61	66	64	64	66	63	66	63	65	66	67	67	76	72	73	73	65	65	74	71	69	72	69	71	71	69	71	
CENTREVILLE	MAX	87	88	82	81	85	76	77	75	80	83	84	87	88	92	90	91	88	88	88	91	92	88	86	88	92	91	91	90	85	84	
	MIN	70	61	50	59	66	62	63	65	68	64	64	62	67	67	66	72	73	71	67	60	65	74	70	68	68	64	68	68	70	71	
CHARLOTTE HALL 2 ESE	MAX																															
	MIN																															
CHESTERTOWN	MAX	89	80	85	77	84	78	76	74	81	85	87	90	91	95	95	94	94	92	92	93	95	98	77	86	91	95	92	95	89	89	
	MIN	74	64	56	64	67	63	64	67	63	66	66	66	70	72	71	75	75	74	71	66	71	76	72	70	70	71	72	71	72	71	
CHEWSVILLE BRIDGEPORT	MAX	88	86	83	83	86	82	77	75	85	84	85	88	92	94	93	93	92	91	88	90	94	92	89	87	89	94	91	92	88	80	
	MIN	66	56	47	66	69	65	63	67	65	62	60	60	65	65	65	72	69	69	64	59	62	71	68	65	65	65	70	68	69	66	
CLEAR SPRING 1 ENE	MAX	83	80	89	82	85	80	75	72	84	83	85	87	91	92	93	90	89	89	87	90	91	90	90	86	90	94	92	92	80	82	
	MIN	70	61	49	66	69	66	63	66	66	63	64	61	63	66	65	69	67	68	64	59	63	74	64	63	64	66	68	69	67	70	
COLEMAN 3 WNW	MAX	91	89	84	84	82	78	77	77	81	84	87	88	90	92	93	93	93	90	89	90	93	94	89	83	89	93	91	91	88	83	
	MIN	74	66	59	60	68	64	65	67	71	65	68	67	69	72	70	74	74	72	71	68	69	78	68	68	72	70	71	73	70	71	
COLLEGE PARK	MAX	90	90	84	84	89	78	78	75	86	85	87	90	94	96	94	93	93	92	92	96	96	93	90	94	97	95	95	89	86	81	
	MIN	69	63	49	63	69	62	66	69	69	65	62	61	62	65	65	70	74	71	68	60	65	71	71	71	72	67	71	71	72	70	
COMOWINGO DAM	MAX	91	80	82	73	78	77	78	74	82	83	85	88	92	91	92	94	93	88	89	88	93	93	76	80	89	91	87	90	85	81	
	MIN	69	60	52	58	66	62	62	65	70	63	62	61	65	6																	

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Station	Day Of Month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
FREDERICK POLICE BRKS	MAX MIN	94 72	92 61	85 50	83 66	74 68	79 65	77 64	73 67	86 68	84 66	88 65	89 64	93 68	96 68	94 69	93 72	92 70	92 69	90 68	90 63	94 68	93 76	90 70	87 68	90 67	93 67	92 68	93 70	90 67	83 71	82 69	82 71	88.1 67.7
FREDERICK WB AIRPORT	MAX MIN	90 67	79 53	85 48	77 66	88 67	80 65	72 65	72 69	85 68	83 64	85 63	88 62	93 66	95 68	93 66	94 68	92 68	89 71	86 67	90 62	93 66	90 73	77 67	87 68	88 70	94 67	90 73	92 70	87 71	80 70	82 71	86.3 66.4	
FROSTBURG	MAX MIN	88 62	83 53	84 46	82 64	80 66	83 61	83 62	74 63	80 62	79 60	81 57	85 58	89 61	89 60	91 63	88 65	88 64	84 65	87 59	89 56	90 60	85 65	86 60	87 60	90 63	92 63	80 66	89 63	88 66	76 64	82 67	84.9 62.1	
GLENN DALE BELL STA	MAX MIN	89 68	88 60	83 49	82 62	89 68	77 60	77 64	73 66	86 68	85 62	85 59	89 59	92 61	94 63	93 60	93 68	93 69	90 69	90 65	90 58	95 64	95 69	92 68	99 69	93 69	96 65	95 68	93 69	93 68	82 68	82 68	88.7 64.7	
GREENBELT	MAX MIN	91 71	91 64	81 52	83 52	76 66	88 63	79 62	76 66	74 69	86 65	84 64	86 64	90 64	93 65	95 68	94 68	94 73	94 72	92 69	90 63	91 61	95 69	96 72	80 71	89 69	93 69	96 69	92 72	96 70	86 70	85 70	88.3 66.6	
HAGERSTOWN	MAX MIN	90 64	89 55	84 45	83 63	87 66	82 62	77 68	73 64	85 62	85 60	85 58	88 58	93 60	95 63	94 65	95 67	92 65	92 65	92 62	92 57	93 62	92 68	88 64	85 60	91 61	95 63	94 67	93 64	87 65	78 66	82 66	88.0 62.1	
HANCOCK FRUIT LAB	MAX MIN	91 61	90 52	78 45	84 58	77 66	86 66	85 65	75 66	73 65	86 59	83 59	86 57	89 61	93 64	94 63	94 65	93 66	92 68	90 60	88 58	92 61	95 68	91 67	81 67	83 65	90 68	95 68	88 65	92 68	88 74	84 72	87.3 63.2	
KEEDYSVILLE	MAX MIN	94 67	87 55	86 45	78 65	91 68	84 65	74 65	73 65	87 62	86 60	88 58	90 58	95 61	96 63	96 63	97 66	95 63	91 63	90 60	91 58	95 68	93 68	86 67	91 68	91 64	96 69	91 65	94 65	88 68	81 69	83 69	89.0 63.8	
LANHAM SCOFIELD ESTATE	MAX MIN	88 70	89 62	79 52	83 54	75 66	88 62	77 63	74 66	74 69	85 65	84 62	85 64	88 65	91 67	93 68	92 68	91 70	93 68	90 60	90 62	90 62	95 69	96 70	80 71	88 68	93 69	95 69	92 71	93 70	85 70	86 70	87.1 65.9	
LA PLATA 1 W	MAX MIN	89 68	79 63	82 50	75 62	88 60	77 61	78 67	84 68	82 62	84 66	86 65	88 60	90 63	92 65	91 64	93 66	92 73	92 73	89 70	89 66	95 66	95 70	84 72	91 69	92 65	95 70	91 65	92 68	84 69	88 70	81 71	87.7 66.4	
LAUREL 3 W	MAX MIN	91 70	91 63	85 59	78 63	87 68	80 62	74 62	84 68	84 62	85 66	85 65	88 69	92 68	95 68	95 73	95 68	94 73	91 72	90 72	92 68	94 72	95 74	94 71	88 70	90 73	94 69	95 65	94 72	93 68	94 70	80 70	89.1 68.9	
LEONARDTOWN 4 SSW	MAX MIN	91 71	85 67	83 53	79 68	88 66	84 66	79 65	85 71	85 70	85 68	87 63	90 64	92 66	94 66	94 67	93 74	94 74	93 74	90 72	89 65	96 71											88.7 68.1	
LEONARDTOWN	MAX MIN																									87 72	93 70	97 65	94 67	91 70	91 70	84 72		
MIDDLE RIVER 1 N	MAX MIN	89 68	78 59	80 51	75 60	86 68	76 60	75 62	73 65	82 69	84 62	86 60	88 60	92 61	90 64	90 63	92 68	92 69	90 69	88 66	88 61	96 64	94 69	92 68	85 68	88 70	92 68	91 69	91 68	89 68	85 68	85 68	86.6 64.9	
MILLINGTON	MAX MIN	88 72	86 61	83 57	79 58	79 66	76 64	78 62	75 65	80 70	80 65	84 63	90 64	90 66	94 68	92 67	92 73	91 69	95 69	91 62	93 63	95 66	94 74	90 70	88 68	88 70	95 69	92 70	95 71	87 72	79 71	87 70	87.0 67.0	
NATIONAL ARBORETUM D C	MAX MIN	92 72	90 64	85 55	84 62	90 68	87 64	79 66	74 68	84 72	85 62	86 65	89 65	93 69	95 73	95 74	95 73	95 73	95 73	94 70	94 65	95 73	95 75	94 73	93 72	94 75	97 75	97 75	97 75	96 72	96 72	91 72	91.0 69.6	
NEW GERMANY	MAX MIN	79 56	81 48	73 48	80 58	77 61	81 54	78 56	78 57	79 50	76 48	70 52	76 52	80 56	81 53	86 57	86 57	84 57	84 57	80 52	79 53	85 57	84 60	86 63	88 61	83 62	87 66	87 66	77 62	83 62	79 62	73 62	80.7 59.9	
OAKLAND 1 SE	MAX MIN	84 59	77 49	83 41	78 63	78 65	82 57	80 52	78 63	77 61	75 58	79 51	82 51	87 51	80 50	85 53	85 58	85 60	81 64	85 62	87 50	88 57	89 65	87 62	88 65	89 61	90 62	87 65	86 62	85 60	77 60	80 60	83.4 57.8	
OCEAN CITY	MAX MIN	85 72	79 62	81 55	77 65	88 62	75 62	73 67	83 68	83 68	88 68	90 68	96 82	83 72	85 75	94 75	86 70	85 70	87 72	86 70	85 70	87 72	102 78	78 71	81 71	79 74	86 74	91 74	89 75	85 74	82 74	80 74	84.4 69.7	
OWINGS FERRY LANDING	MAX MIN	89 70	83 62	83 55	77 66	88 60	76 60	75 62	75 67	83 68	83 66	85 64	89 67	89 67	91 69	92 70	92 72	91 72	91 70	88 69	90 63	95 68	96 72	89 70	86 71	91 70	93 70	91 71	93 71	85 70	82 70	82 71	86.9 67.9	
PARKTON 2 SW	MAX MIN	86 71	77 56	80 49	71 60	80 66	76 61	72 62	71 64	82 67	80 60	83 62	85 63	89 62	90 68	86 65	90 69	90 69	86 69	83 64	88 65	91 65	90 72	81 65	87 67	89 66	92 69	88 69	91 68	87 65	82 65	78 69	83.7 64.8	
PICARDY	MAX MIN	86 73	80 61	81 56	80 66	85 65	83 63	73 62	75 65	84 63	82 62	84 58	86 58	90 63	91 64	91 64	90 66	91 65	88 65	86 60	90 58	94 62	89 64	84 66	89 66	89 66	93 66	83 67	91 65	83 63	81 64	87 67	85.6 62.7	
PIKESVILLE POL BRKS	MAX MIN	89 78	87 63	80 56	80 63	83 69	74 61	73 62	83 65	83 69	83 65	93 65	95 65	92 63	94 69	90 72	90 72	90 70	98 70	96 72	91 66	89 68	96 73	91 69	89 69	89 68	92 72	91 70	93 72	88 70	82 67	81 70	87.3 67.4	
POCOMOKE CITY 1 S	MAX MIN	88 68	78 63	81 40	80 51	86 65	83 68	72 59	78 65	83 68	86 63	86 60	89 58	89 59	91 61	91 61	91 69	91 72	89 72	92 69	89 65	91 59	92 75	89 69	91 69	93 71	83 64	85 64	90 70	93 68	87 67	83 67	86.4 65.1	
PRESTON 1 S	MAX MIN	88 73	86 63	81 51	79 66	85 62	75 60	75 66	81 67	82 68	83 67	88 62	89 69	91 66	91 66	91 66	90 72	89 73	89 72	89 70	90 62	93 65	94 74	89 62	85 65	87 68	93 71	92 69	92 70	89 67	85 70	85 71	86.5 67.5	
PRINCE FREDERICK	MAX MIN	89 70	83 60	83 54	83 64	88 69	76 64	77 63	81 66	81 66	84 67	86 62	91 64	92 66	90 68	90 72	91 72	92 70	92 70	85 70	95 68	92 70	98 72	88 70	80 73	89 69	94 73	91 69	90 70	86 69	87 69	83 69	87.6 67.8	
PRINCESS ANNE	MAX MIN	90 69	81 69	84 46	81 51	87 61	87 62	87 61	84 71	86 71	86 61	88 62	90 62	93 63	93 65	93 68	92 71	92 72	91 68	92 69	93 61	93 64	92 75	85 69	88 69	90 72	94 67	88 67	94 71	86 70	86 69	85 69	88.3 65.9	
RANDALLSTOWN POL BRKS	MAX MIN	89 71	88 60	85 53	83 64	84 66	76 60	72 62	73 68	85 68	85 62	87 60	89 68	92 65	94 68	94 68	95 65	91 68	91 68	91 69	91 65	94 67	94 72	91 68	89 69	92 68	93 72	92 70	92 70	91 67	82 67	81 69	87.9 66.5	
ROCK HALL 3 N	MAX MIN	91 80	87 62	83 49	81 61	86 71	79 62	75 63	85 66	85 66	87 64	88 62	89 69	92 69	92 68	95 74	92 70	91 71	92 71	90 68	91 68	92 68	95 74	90 68	92 68	95 74	89 68	92 68	93 70	87 70	88 70	84 70	87.4 66.8	
ROCKVILLE	MAX MIN	91 71	90 63	84 58	81 66	89 69	86 60	78 64	83 68	83 68	85 65	84 65	88 69	94 65	96 69	95 68	94 71	95 72	95 72	90 68	92 65	94 68	94 73	93 68	89 70	90 68	97 74	96 70	93 72	94 71	86 71	84 71	89.5 68.1	
ROYAL OAK	MAX MIN	88 73	84 67	83 56	82 64	88 69	78 65	76 66	80 69	84 68	85 66	89 67	89 66	93 74	92 72	92 72	92 76	92 76	92 76	90 74	90 67	92 73	94 76	90 73	86 72	87 								

# DAILY TEMPERAT URES

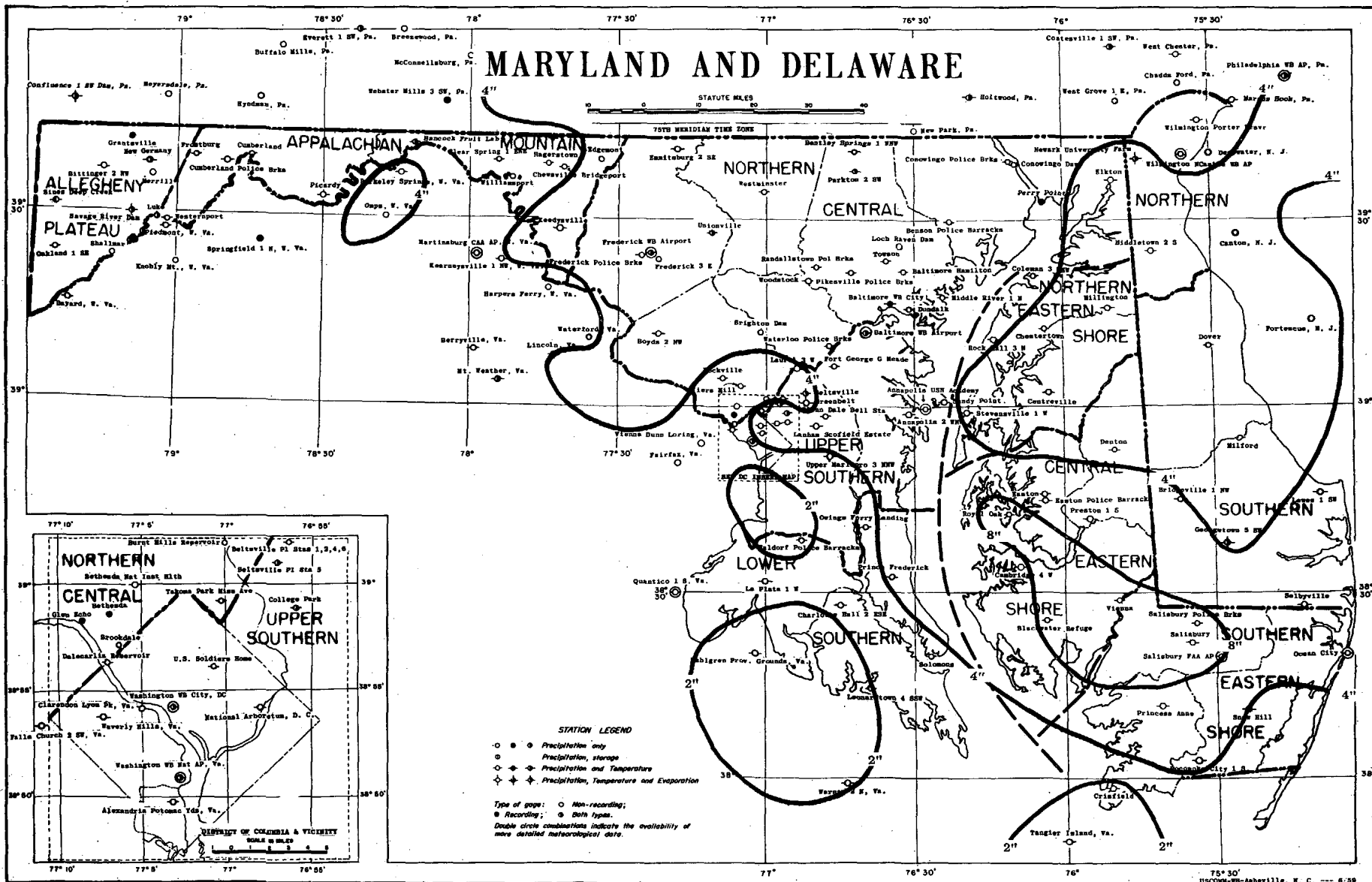
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Continued

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
SOLOMONS	MAX	87	85	81	80	87	78	79	80	82	84	85	87	92	94	92	94	94	91	87	89	94	95	90	85	86	94	94	91	86	86	84	87.5
	MIN	75	71	63	69	71	67	70	73	77	71	72	71	71	73	72	75	75	75	76	72	74	77	75	76	74	74	75	75	73	73	72	72.8
STEVENSVILLE 1 W	MAX	87	82	74	79	84	77	77	78	81	83	85	85	89	86	88	90	88	89	86	87	91	91	82	85	89	90	90	86	88	80	84.9	
	MIN	74	68	55	58	72	65	66	68	70	67	68	71	70	71	69	70	75	73	72	68	72	79	73	70	89	90	90	72	66	71	70	69.6
TAKOMA PARK MISS AVE	MAX	87	84	82	76	86	76	75	74	83	81	83	88	90	93	93	93	93	88	87	90	93	94	88	88	89	95	92	92	87	85	80	86.6
	MIN	71	63	53	65	69	61	65	68	69	65	63	64	65	67	67	71	70	72	70	63	68	78	71	71	70	63	68	71	71	70	70	67.8
TOWSON	MAX	90	90	82	80	85	76	78	75	84	84	85	88	92	92	92	93	92	92	90	91	94	94	92	84	91	95	94	93	91	82	82	87.8
	MIN	69	60	50	64	67	60	60	65	67	61	60	60	62	62	65	69	69	68	67	59	59	70	67	66	67	64	70	67	69	66	65	64.3
UNIONVILLE	MAX	90	80	87	78	88	80	76	73	84	83	85	88	92	95	95	96	94	89	88	91	94	91	75	85	90	95	90	89	85	82	87.1	
	MIN	68	57	41	63	68	63	64	67	67	60	59	58	61	65	60	68	67	70	65	59	64	69	69	69	70	65	72	66	70	67	70	64.5
U S SOLDIERS HOME D C	MAX	89	80	83	77	89	78	75	74	85	84	85	88	92	94	92	93	93	90	91	95	95	79	87	92	95	93	94	86	86	80	87.2	
	MIN	72	64	57	66	67	62	65	68	69	66	65	65	68	70	72	74	74	73	70	67	72	74	71	71	70	72	74	71	71	71	71	69.2
UPPER MARLBORO 3 NNW	MAX	88	89	78	83	78	88	77	74	76	84	83	85	88	91	92	92	92	92	90	88	90	95	94	79	88	92	94	91	92	87.0		
	MIN	68	61	50	64	69	60	65	66	67	65	61	60	62	65	64	70	70	70	66	59	65	69	68	70	70	65	69	68	68	68	65.3	
VIENNA	MAX	92	82	84	79	88	77	77	79	84	85	84	90	90	92	91	91	90	91	90	90	93	95	88	86	90	93	93	91	87	85	87.7	
	MIN	74	66	51	63	67	64	65	67	64	65	68	66	66	70	69	69	69	76	70	62	71	72	67	71	74	72	74	74	72	72	69.3	
VIERS MILL	MAX	82	85	83	87	79	77	74	85	85	86	87	91	94	93	94	92	92	91	91	94	92	92	92	92	95	94	91	84	80	88.2		
	MIN	63	52	67	70	62	65	66	68	65	63	62	64	67	68	72	70	72	70	62	68	72	70	62	71	70	65	72	71	72	70	71	67.2
WALDORF POLICE BRKS	MAX	90	86	83	77	90	75	79	75	84	84	87	90	92	96	92	92	95	95	92	92	92	97	92	90	91	94	89	93	92	86	84	88.6
	MIN	69	64	52	68	73	62	61	67	69	66	60	61	60	66	71	71	71	72	71	56	66	70	71	70	70	65	73	73	70	70	72	67.1
WASHINGTON WB CITY DC	MAX	92	80	83	76	89	80	75	74	86	84	86	90	94	96	93	94	94	92	91	94	96	94	80	89	94	96	94	87	85	80	88.1	
	MIN	72	64	58	67	69	65	66	70	70	68	68	68	70	73	73	75	75	75	73	68	73	77	74	74	72	74	77	75	75	74	72	71.1
WATERLOO POLICE BRKS	MAX	88	86	81	80	89	75	75	73	84	84	83	85	87	91	90	90	89	89	89	88	92	90	89	85	89	93	90	89	83	80	86.0	
	MIN	70	64	51	64	69	62	64	68	70	63	62	63	63	65	64	68	69	71	70	61	64	69	71	70	70	63	70	73	70	67	67	66.4
WESTERNPORT	MAX	90	81	87	85	85	89	87	77	82	83	87	90	95	95	95	93	92	88	91	93	94	93	96	96	93	83	90	87	82	86	88.9	
	MIN	65	56	48	67	68	63	66	67	65	60	58	59	60	60	64	66	65	68	64	58	60	68	68	70	67	66	68	68	68	68	68	64.0
WESTMINSTER	MAX	87	80	83	74	82	78	74	73	83	82	84	87	90	92	93	93	89	88	90	92	92	84	84	90	93	90	92	88	84	81	85.9	
	MIN	68	58	50	63	66	60	62	61	66	61	62	63	66	67	67	70	71	70	65	60	66	73	65	66	67	68	67	69	71	67	71	65.4
WOODSTOCK	MAX	88	80	83	80	85	78	75	74	84	84	85	87	90	93	92	93	93	90	88	91	92	91	89	85	89	94	91	92	87	85	80	86.7
	MIN	68	60	48	61	68	60	63	66	68	62	60	61	61	65	64	66	67	69	67	59	64	70	69	69	69	65	69	68	70	69	70	65.0
DELAWARE																																	
BRIDGEVILLE 1 NW	MAX	89	79	84	78	86	75	74	73	83	83	84	89	90	94	95	91	90	89	90	91	93	94	92	85	89	93	90	93	86	80	83	86.6
	MIN	72	65	51	58	67	63	65	66	71	67	65	64	67	69	67	73	73	75	70	61	65	74	72	70	73	66	70	73	72	71	72	68.0
DOVER	MAX	88	88	82	82	83	75	78	75	80	82	84	89	91	93	92	92	92	91	90	90	93	91	90	84	85	92	91	93	87	88	83	86.9
	MIN	73	64	54	59	66	63	64	64	64	66	65	66	68	71	73	74	73	71	64	68	75	70	68	71	70	68	71	72	76	69	69	68.1
GEORGETOWN 5 SW	MAX	90	83	83	82	87	74	75	74	82	83	83	90	90	93	93	94	93	90	89	91	95	95	91	87	89	94	94	92	92	87	86	87.8
	MIN	72	66	50	56	67	63	64	66	72	69	65	64	67	70	65	73	74	75	71	60	65	75	74	71	73	66	68	72	71	71	73	68.0
LEWES 1 SW	MAX	87	81	77	78	84	72	72	74	79	79	84	86	90	91	90	92	92	88	84	87	94	84	83	80	91	93	87	88	82	82	84.7	
	MIN	74	62	52	64	66	63	64	66	71	67	66	64	68	69	67	74	75	75	73	62	62	75	72	70	73	69	70	72	72	72	73	68.3
MIDDLETOWN 2 S	MAX	90	88	83	80	92	74	78	74	84	84	84	90	90	94	92	92	91	89	90	91	94	96	78	82	87	94	88	94	88	86	84	86.8
	MIN	72	58	53	60	74	63	64	66	70	64	63	64	70	70	69	76	75	72	70	62	68	72	71	70	70	70	72	70	72	70	72	68.2
MILFORD	MAX	89	88	83	81	84	74	76	75	82	83	84	89	88	94	92	94	92	90	89	92	94	87	88	88	94	89	93	88	84	81	87.1	
	MIN	69	66	52	57	65	63	64	64	70	66	65	65	67	69	67	71	73	73	70	62	66	75	69	69	71	68	70	72	70	70	72	67.4
NEWARK UNIVERSITY FARM	MAX	88	89	82	80	75	75	80	80	82	82	84	87	90	93	93	92	92	91	90	90	92	93	92	78	88	92	92	91	86	82	87.2	
	MIN	70	58	51	56	66	62	62	65	69	62	63	62	68	70	67	71	73	70	65	62	64	74	67	67	68	67	71	70	72	69	71	66.2
SELBYVILLE	MAX	92	77	80	80	86	78	73	76	84	85	85	90	89	92	91	92	92	90	89	90	94	95	91	84	88	95	95	92	90	84	81	87.1
	MIN	66	66	50	60	66	62	63	65	70	69	65	63	67	67	65	73	73	74	71	60	63	75	72	69	71	65	67	71	70	69	72	67.1
WILMGTN NCASTLE WB AP	MAX	89	78	80	74	77	72	78	72	82	81	85	87	90	91	91	91	87	89	89	92	93	77	78	87	92	89	90	88	84	82	84.7	
	MIN	71	58	55	62	65	62	63	67	70	63	64	62	68	70	70	73	73	71	69	64	67	72	68	68	70	69	72	72	69	69	71	67.3
WILMINGTON PORTER RESVR	MAX	89	77	79	75	73	72	78	71	79	81	83	86	90	91	90	91	87	88														



# MARYLAND AND DELAWARE

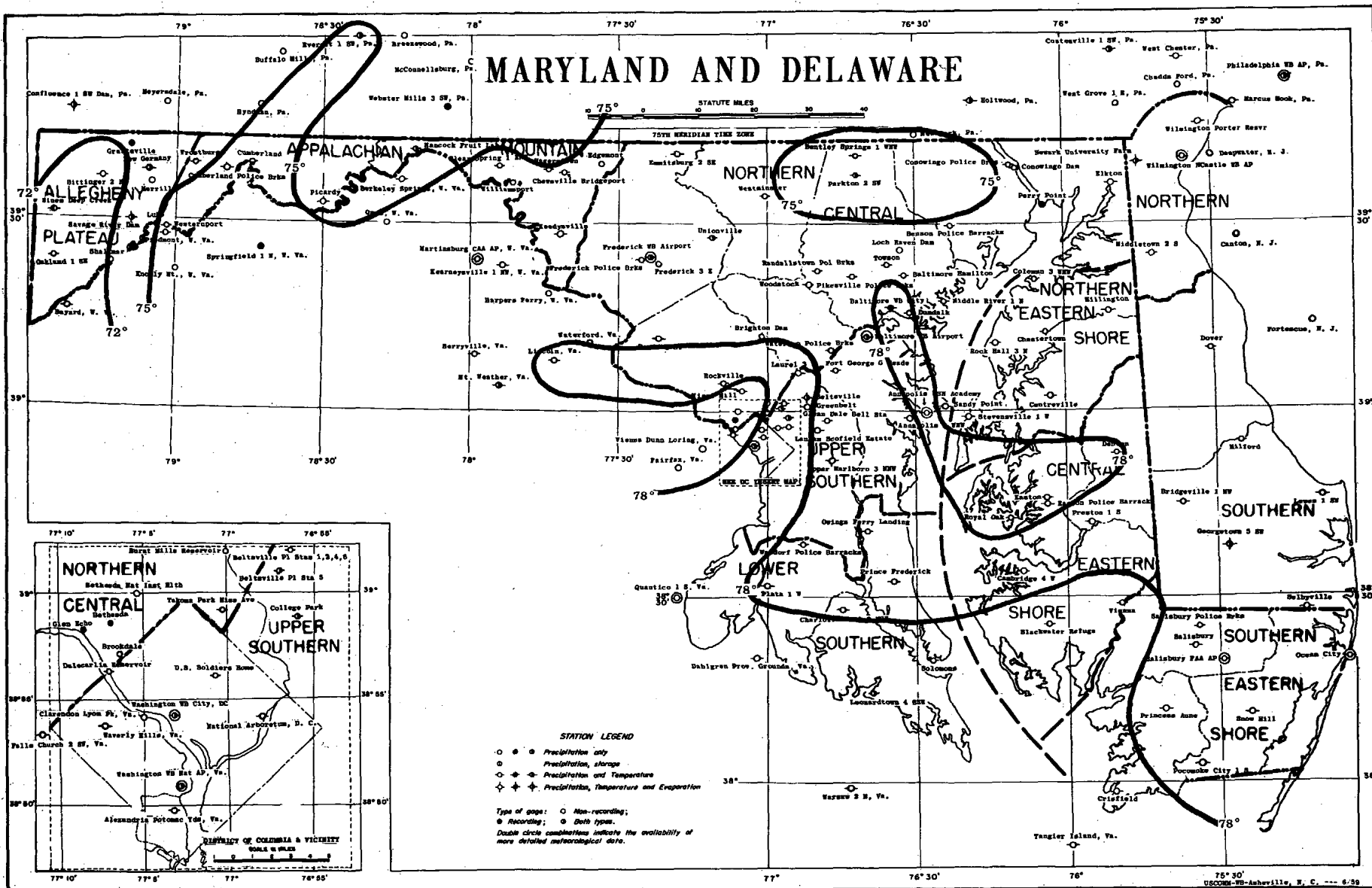


Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

TOTAL PRECIPITATION

MARYLAND AND DELAWARE  
AUGUST 1959

# MARYLAND AND DELAWARE



AVERAGE TEMPERATURE

MARYLAND AND DELAWARE  
AUGUST 1959

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

# STATION INDEX

MARYLAND AND DELAWARE  
AUGUST 1959

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL		
MARYLAND																								
ANNAPOLIS 2 S N ACADEMY	0185	ANNE ARUNDEL	1	38 59	76 28	10	MID	MID			HJ	U.S. NAVY	PARTRON 2 SW	6844	BALTIMORE	1	39 38	76 42	600	11P	11P	C	JOHN W. FOX	
ANNAPOLIS 2 WNW	0193	ANNE ARUNDEL	3	38 59	76 33	65	6P	6P				RADIO STATION WNAV	PERRY POINT	6980	CECIL	1	39 35	76 04	40				VETERANS ADMINISTRATION	
BALTIMORE WB AIRPORT	0465	ANNE ARUNDEL	3	39 11	76 40	144	MID	MID			C HJ	U.S. WEATHER BUREAU	PICARDY	7010	ALLEGANY	5	39 33	78 50	1090	6P	6P		POTOMAC HMD, ORCHARD	
BALTIMORE WB CITY	0470	BALTO CITY	3	39 17	76 37	14	MID	MID			C	U.S. WEATHER BUREAU	PIKESVILLE POL BRKS	7015	BALTIMORE	3	39 23	76 43	500	5P	5P		MD. STATE POLICE	
BALTIMORE HAMILTON	0475	BALTO CITY	1	39 21	76 35	350	5P	5P				W. W. KINMERSLEY, JR.	POCOCKE CITY 1 S	7140	WORCESTER	1	38 03	75 34	20	5P	5P		RADIO STATION WDMV	
BELTSVILLE	0700	PRINCE GEORGE	5	39 02	76 53	120	8A	8A			BA C	CHESTER M. GORDON	PRESTON 1 S	7310	CAROLINE	1	38 42	75 55	50	4P	4P		H FRANKLIN D. RUSBAUM	
BELTSVILLE PLANT STA 1	0701	PRINCE GEORGE	8	39 02	76 56	160	9A	9A				MD. STATE POLICE	PRINCE FREDERICK	7325	CALVERT	1	38 32	76 35	140	5P	5P		BOYD KING	
BELTSVILLE PLANT STA 2	0702	PRINCE GEORGE	5	39 02	76 56	188	9A	9A				USDA PLANT IND. STA.	PRINCES ANNE	7330	SOMERSET	1	38 12	75 41	15	5P	5P		TOWN OF PRINCES ANNE	
BELTSVILLE PLANT STA 4	0704	PRINCE GEORGE	5	39 02	76 56	245	9A	9A				USDA PLANT IND. STA.	RANDALLSTOWN POL BRKS	7335	BALTIMORE	3	39 23	76 50	435	5P	5P		MD. STATE POLICE	
BELTSVILLE PLANT STA 5	0705	PRINCE GEORGE	5	39 01	76 57	100	9A	9A			C	USDA PLANT IND. STA.	ROCK HALL 3 N	7700	KENT	1	39 11	76 14	20	6P	6P		R. L. EMBREE	
BELTSVILLE PLANT STA 6	0706	PRINCE GEORGE	5	39 01	76 57	215	9A	9A				USDA PLANT IND. STA.	ROCKVILLE	7705	MONTGOMERY	5	39 05	77 09	434	4P	4P		COUNTY POLICE	
BENSON POLICE BARRACKS	0732	HARFORD	1	39 10	76 23	385	5P	5P				MD. STATE POLICE	ROYAL OAK	7806	FALLOT	1	38 45	76 11	10	5P	5P		H J. L. SWAINE, JR.	
BENTLEY SPRINGS 1 WNW	0737	BALTIMORE	1	39 41	76 42	750	5P	5P				CARL A. PITZINGER	SALISBURY	8000	WICOMICO	1	38 22	75 55	10	5P	5P		CITY OF SALISBURY	
BETHESDA	0795	MONTGOMERY	5	39 58	77 07	320					C	CORPS OF ENGINEERS	SALISBURY POLICE BRKS	8003	WICOMICO	1	38 25	75 34	42	5P	5P		MD. STATE POLICE	
BETHESDA NAT INST HLTH	0800	MONTGOMERY	5	39 00	77 06	310	6P	6P				NAT. INST. OF HEALTH	SALISBURY FAA AIRPORT	8005	WICOMICO	1	38 20	75 30	52	MID	MID		H FED. AVIATION AGENCY	
BITTINGER 2 NW	0881	GARRETT	7	39 37	79 15	2700	7P	7P				ELBERT E. SUCKEL	SANDY POINT	8030	ANNE ARUNDEL	1	39 01	76 24	10	5P	5P		G. W. PHILLIPS	
BLACKWATER REFUGE	0915	DORCHESTER	1	38 26	76 08	5	4P	4P			H	MAT. WILDLIFE REFUGE	SAVAGE RIVER DAM	8065	GARRETT	5	39 31	79 08	1495	8A	8A	BA C	UPPER POTOMAC RVR. COM.	
BOYD 2 NW	1032	MONTGOMERY	5	39 12	77 20	560	6P	6P				RALPH F. STALEY	SMALLMAR	8101	GARRETT	5	39 23	79 12	1700	8A	8A		CLARENCE S. KIMBLE	
BRIGHTON DAM	1125	MONTGOMERY	4	39 12	77 01	350	6A	6A				WASH. SUB. CAN. COMM.	SIREN DEEP CREEK	8315	GARRETT	7	39 31	79 25	2038	MID	7A	C	PA. ELECTRIC CO.	
BROOKDALE	1170	MONTGOMERY	5	38 57	77 06	260	7P	7P			H	W. FRANCIS DASHFIELD	SNOW HILL	8380	WORCESTER	1	38 11	75 24	14	6P	6P		C FRED W. SEILING	
BURNT MILLS RESERVOIR	1274	MONTGOMERY	5	39 02	77 00	220	5A	5A				J. M. JESTER	SOLOMONS	8405	CALVERT	1	38 19	76 27	12	6P	6P		CHEESAPEAKE BIOL. LAB.	
CAMBRIDGE A W	1385	DORCHESTER	1	38 24	76 09	5	6P	6P			H	D. ARCY MC B. HARDING	STEVENSVILLE 1 W	8557	QUEEN ANNES	1	38 59	76 20	10	5P	5P		G. W. PHILLIPS	
CENTREVILLE	1627	QUEEN ANNES	1	39 03	76 03	46	6P	6P			H	ALEXANDER J. KNIGHT	TAKOMA PARK MISS AVE	8725	MONTGOMERY	5	38 59	77 50	230	6P	6P		DR. L. HARVEY	
CHARLOTTE HALL 2 ESE	1685	ST MARYS	4	38 28	76 45	167	6P	6P			H	H. B. TENISON	TAKOMA PARK MISS AVE	8725	MONTGOMERY	5	38 59	77 50	230	6P	6P		BALTIMORE COUNTY JAIL	
CHESTERTOWN	1750	KENT	1	39 13	76 04	85	11P	11P			H	T. W. ELIASON, JR.	UNIONVILLE	9030	FREDERICK	5	39 27	77 11	430	6P	6P		G. P. VON EIFF, JR.	
CHESWILLE BRIDGEPORT	1790	WASHINGTON	5	39 28	77 11	560	5S	5S				D. PAUL OSWALD	UPPER MARLBORO 3 WNW	9070	PRINCE GEORGE	4	38 52	76 47	98	9A	9A	9A G	TOBACCO EXP. FARM	
CLEAR SPRING 1 ENE	1890	WASHINGTON	5	39 40	77 54	580	5P	5P				MRS. L. A. COHILL	VIENNA	9140	DORCHESTER	1	38 29	75 50	12	6P	6P		ERN. SHORE PUB. SVC. CO.	
COLEMAN 3 WNW	1980	KENT	1	39 21	76 08	78	6P	6P			C H	R. R. HARRIS	VIERA HILL	9187	MONTGOMERY	5	39 03	77 05	300	7A	7A		JOHN BORJES	
COLLEGE PARK	1995	PRINCE GEORGE	5	38 59	76 56	70	5P	5P			C H	U.S. GEOL. SURVEY	WALDORF POLICE BRKS	8871	BALTIMORE	3	39 24	76 37	410	4P	4P		MD. STATE POLICE	
CONOWINGO DAM	2060	HARFORD	6	39 39	76 10	40	MID	MID				H. SUSQUEHANNA ELECTRIC CO.	WATERLOO POLICE BRKS	9314	HOWARD	3	39 10	76 47	230	5P	5P		MD. STATE POLICE	
CONOWINGO POLICE BRKS	2065	HARFORD	6	39 39	76 11	195	5P	5P				MD. STATE POLICE	WESTPORT	9405	ALLEGANY	5	39 29	79 03	1000	6P	6P		NORRIS BRUCE	
CRISFIELD HAMMOCK PT	2205	SOMERSET	1	37 58	75 52	7	5P	5P			H	GEORGE M. STAPLES, 111	WESTMINSTER	9435	CARROLL	1	39 35	77 00	770	5P	7A		H. J. MATHIAS	
CUMBERLAND	2280	ALLEGANY	5	39 39	78 45	945	6P	6P			H	R. R. GOLDEN	WILLIAMSPORT	9570	WASHINGTON	5	39 37	77 51	360	7A	7A		HAGERSTOWN METR. PLANT	
CUMBERLAND POLICE BRKS	2285	ALLEGANY	5	39 38	78 50	970	5P	5P				MD. STATE POLICE	WOODSTOCK	9750	BALTIMORE	3	39 20	76 52	415	6P	6P		H WOODSTOCK COLLEGE	
DEWALT	2523	CAROLINE	1	38 53	75 50	20	6P	6P			H	H. JAMES K. COOPER	DISTRICT OF COLUMBIA											
DUNDALK	2640	BALTIMORE	3	39 16	76 31	50	6P	6P			H	W. A. WEISENHALDER	DALECARLIA RESERVOIR	2324		5	38 56	77 07	146	5P	5P		CORPS OF ENGINEERS	
EASTON	2695	TALBOT	1	38 46	76 04	28						INACTIVE 5/59	NATIONAL ARBORETUM	2350		5	38 54	76 08	70	4P	4P		U.S. NAT. ARBORETUM	
EASTON POLICE BRKS	2700	TALBOT	1	38 45	76 04	40	5P	5P				MD. STATE POLICE	U. S. SOLDIERS HOME	9035		5	38 56	77 01	230	MID	MID		U.S. SOLDIERS HOME	
EDGECHONT	2770	WASHINGTON	5	39 40	77 33	905	8A	8A				L. E. HARRIS	WASHINGTON WB CITY	9290		5	38 54	77 03	72	MID	MID		C HJ U.S. WEATHER BUREAU	
ELKTON	2860	CECIL	1	39 36	75 50	28	6P	6P				M. W. BOUCHELLE	DELAWARE											
EMMITSBURG 2 SE	2906	FREDERICK	5	39 41	77 18	420	5P	5P			H	MRS. LUCILLE K. BEALE	BRIDGEVILLE 1 NW	1330	SUSSEX	1	38 45	75 37	50	5P	5P		H WILLIAM RAY	
FORT GEORGE G MEADE	3230	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P			H	FILTRATION PLANT	DOVER	2730	KENT	2	39 09	75 31	25	4P	4P		H STATE HIGHWAY DEPT.	
FREDERICK POLICE BRKS	3348	FREDERICK	5	39 25	77 26	380	5P	5P			C HJ	MD. STATE POLICE	GEORGETOWN 5 SW	3570	SUSSEX	1	38 38	75 28	85	5P	5P		C H UNIV. AGRIC. EXP. STA.	
FREDERICK WB AIRPORT	3350	FREDERICK	5	39 25	77 23	284	MID	MID				U.S. WEATHER BUREAU	LEES 1 SW	3520	SUSSEX	2	38 46	75 09	10	6P	6P		H OTTO F. WOEL	
FREDERICK 3 E	3355	FREDERICK	5	39 24	77 22	385	8A	8A				MRS. GLENNA R. STALEY	MIDLETON 2 S	3852	NEW CASTLE	2	39 25	75 42	60	5P	7A		H GREEN GIANT COMPANY	
FROSTBURG	3410	ALLEGANY	5	39 39	78 56	2035	6P	6P			C	C. A. SUTER, JR.	MILFORD	5915	SUSSEX	2	38 55	75 26	10	6P	6P		C H JOHN E. BARCUS	
GLEN ECHO	3645	MONTGOMERY	5	38 58	77 09	150						CORPS OF ENGINEERS	NEWARK UNIVERSITY FARM	6410	NEW CASTLE	2	39 40	75 44	90	6P	6P		C H UNIV. OF DELAWARE	
GLENN DALE BELL STA	3675	PRINCE GEORGE	4	38 58	76 48	151	4P	4P				H PLANT INTRO. GARDEN	SELBYVILLE	8265	SUSSEX	2	38 28	75 43	32	5P	5P		C HJ W. W. HIRSH LONG	
GRANTSVILLE	3795	GARRETT	7	39 42	79 05	2360						LLOYD J. MILLER	WILMINGTON CASTLE WB AP	9055	NEW CASTLE	2	39 40	75 36	73	MID	MID		C HJ U.S. WEATHER BUREAU	
GREENBELT	3860	PRINCE GEORGE	5	39 01	76 52	200	7A	7A			H	RALPH E. TRUESDELL	WILMINGTON PORTER RESVR	9405	NEW CASTLE	2	39 46	75 32	274	MID	MID		C H WATER DEPARTMENT	
HAGERSTOWN	3975	WASHINGTON	5	39 39	77 44	660	6P	6P				H HAGERSTOWN RESERVOIR	NEW STATIONS											
HANCOCK FRUIT LAB	4030	WASHINGTON	5	39 42	78 11	428	8A	8A			C H	U. OF MD. FRUIT LAB.	LEONARDTOWN	5201	ST. MARYS	4	38 19	76 40	40	4P	5P		C H RADIO STATION WKIK	
LUKE	4780	WASHINGTON	5	39 29	77 42	420	6P	6P				H TRAVIS D. ANODE	PUBLICATION ENDED											
LUNNAN SCOTFIELD EST	5030	PRINCE GEORGE	5	38 57	76 50	200	7A	7A			H	FRANCIS SCOTFIELD	LEONARDTOWN 4 SSW	5200	ST. MARYS	5	38 15	76 39	20					EFFECTIVE 8/59
LA PLATA 1 W	5080	CHARLES	5	38 32	77 00	140	6P	6P				C. RUSSELL LEVERING												
LAREL 3 W	5111	PRINCE GEORGE	4	39 06	76 54	400	5P	5P				PATUXENT FILT. PLANT												
LUKE RAVEN DAM	5340	BALTIMORE																						

REFERENCE NOTES

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

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

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for October 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (Those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.