

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

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JULY 1959
Volume LXIII No. 7



MARYLAND AND DELAWARE - JULY 1959
TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 102° on the 1st at Beltsville Plant Sta 6, Md.

Lowest Temperature: 42° on the 4th at Oakland 1 SE, Md., and on the
8+ at New Germany, Md.

Greatest Total Precipitation: 13.31 inches at Snow Hill, Md.

Least Total Precipitation: 1.88 inches at Unionville, Md.

Greatest One-Day Precipitation: 5.60 inches on the 15th at Selbyville,
Del.

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JULY 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						
										Max.	Min.	90° or Above	32° or Below					Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
MARYLAND																											
SOUTHERN EASTERN SHORE																											
CRISFIELD HAMMOCK PT	86.0	73.9	80.0	.6	93	29	62	8	0	4	0	0	0	7.87	2.88	3.57	14	.0	0		6	3	3				
OCEAN CITY	82.1	69.8	76.0		96	2	64	4	0	2	0	0	0	12.02		5.18	15	.0	0		6	5	3				
POCOMOKE CITY 1 S	85.6M	65.5M	75.6M		92	29	49	8	0	5	0	0	0	9.91		2.80	15	.0	0		11	6	3				
PRINCESS ANNE	87.5	65.3	76.4		95	2+	51	4	0	10	0	0	0	8.10		2.90	14	.0	0		10	4	3				
SALISBURY	86.8	68.0	77.4		95	2	56	9+	0	10	0	0	0	6.42	2.20	2.14	15	.0	0		8	5	2				
SALISBURY POLICE BRKS	85.7	67.5	76.6		95	2	52	9	0	6	0	0	0	7.84		2.39	15	.0	0		9	6	2				
SALISBURY FAA AIRPORT	85.2	68.2	76.7		93	2	55	9+	0	6	0	0	0	9.06		2.19	15	.0	0		10	5	4				
SNOW HILL	84.3	68.5	76.4	-.4	90	24+	57	8+	0	3	0	0	0	13.31	8.57	5.05	15	.0	0		10	6	3				
DIVISION			77.1	-.3										9.23	4.61			.0									
CENTRAL EASTERN SHORE																											
BLACKWATER REFUGE	86.7	70.7	78.7		100	1	58	8+	0	10	0	0	0	10.03		3.43	14	.0	0		9	5	3				
CAMBRIDGE 4 W	86.1	67.6	76.9		94	1	53	8	0	10	0	0	0	7.89		2.70	15	.0	0		8	5	3				
DENTON	87.9	67.1M	77.5M		99	1	52	8	0	15	0	0	0	11.16		3.26	10	.0	0		12	5	4				
EASTON POLICE BRKS	87.5	67.4	77.5	.3	99	1	55	9+	0	10	0	0	0	7.56	3.23	2.45	10	.0	0		8	4	3				
PRESTON 1 S	86.7	66.7	76.7		97	1	51	5	0	9	0	0	0	8.18		2.28	15	.0	0		9	5	3				
ROYAL OAK	86.6	69.2	77.9		97	1	58	8	0	10	0	0	0	9.43		2.75	15	.0	0		9	5	4				
VIENNA	86.9	68.7	77.8		95	29	55	8	0	11	0	0	0	7.95		2.46	10	.0	0		8	4	3				
DIVISION			77.6	.4										8.99	4.32			.0									
LOWER SOUTHERN																											
CHARLOTTE HALL 2 ESE																											
LA PLATA 1 W	85.2M	66.1M	75.7M		92	29	52	9	0	4	0	0	0	8.42		2.72	10	.0	0		11	4	2				
LEONARDTOWN 4 SSW	86.4	68.4	77.4		94	1	57	8	0	9	0	0	0	9.05		4.22	15	.0	0		11	3	3				
OWINGS FERRY LANDING	85.0	66.8	75.9	-1.1	93	29	55	8	0	7	0	0	0	8.35	4.33	2.32	15	.0	0		6	5	5				
PRINCE FREDERICK	85.5	66.5	76.0		94	1	52	9	0	7	0	0	0	10.67		2.68	15	.0	0		11	6	5				
SOLOMONS	85.1	72.0	78.6	-.4	93	1	67	8	0	6	0	0	0	10.92	5.69	3.68	15	.0	0		8	5	4				
WALDORF POLICE BRKS	86.8	65.9	76.4		95	1	52	8+	0	8	0	0	0	5.17		2.23	10	.0	0		5	3	2				
DIVISION			76.7	-.5										8.76	3.91			.0									
UPPER SOUTHERN																											
ANNAPOLIS U S N ACADEMY	84.5	71.4	78.0	.4	92	24	63	8	0	2	0	0	0	6.97	3.07	3.21	10	.0	0		8	5	1				
ANNAPOLIS 2 WNW	86.0	66.9	76.5		97	24	53	8	0	6	0	0	0	10.67		3.21	10	.0	0		11	7	3				
BALTIMORE WB AIRPORT	85.5	67.9	76.7	.4	92	23+	56	8	0	8	0	0	0	6.00	2.06	1.63	20	.0	0		9	6	1				
BELTSVILLE	85.7	65.4	75.6		100	1	50	8	0	8	0	0	0	5.07		1.08	15	.0	0		11	4	1				
BELTSVILLE PLANT STA 1	AM	86.5	65.8	76.2		99	1	51	9	0	9	0	0	4.66		1.09	20	.0	0		9	4	2				
BELTSVILLE PLANT STA 2	AM	86.4	65.4	75.9		100	1	50	9	0	9	0	0	4.50		1.09	20	.0	0		9	4	1				
BELTSVILLE PLANT STA 4	AM	86.5	65.9	76.2		100	1	52	9	0	9	0	0	4.20		1.04	20	.0	0		9	3	1				
BELTSVILLE PLANT STA 5	AM	86.5	65.3	75.9		100	1	50	9+	0	8	0	0	4.79		1.03	20	.0	0		9	4	2				
BELTSVILLE PLANT STA 6	AM	86.8	65.2	76.0		102	1	50	8	0	9	0	0	5.02		1.24	20	.0	0		9	4	1				
COLLEGE PARK	88.1	66.9	77.5	.7	101	1	52	8	0	12	0	0	0	4.48	.60	1.30	14	.0	0		9	3	1				
DALECARLIA RESVR D C	87.0	67.6	77.3		98	1	56	8	0	8	0	0	0	5.48		1.58	1	.0	0		9	4	1				
FORT GEORGE G MEADE	87.8	64.8	76.3		98	1	52	9+	0	10	0	0	0	5.76		1.21	14	.0	0		10	5	2				
GLENN DALE BELL STA	87.4	64.5	76.0	.0	99	1	50	8	0	10	0	0	0	8.42	4.12	3.02	13	.0	0		9	6	2				
GREENBELT	86.8	66.2	76.5		101	1	55	8	0	9	0	0	0	4.06		.93	15	.0	0		10	3	0				
LANHAM SCOTFIELD ESTATE	AM	86.0	65.3	75.7		100	1	54	9+	0	7	0	0	7.19		1.57	30	.0	0		10	6	3				
LAUREL 3 W	87.0	67.5	77.3		94	1	59	8	0	7	0	0	0	6.99		2.10	14	.0	0		8	6	1				
NATIONAL ARBORETUM D C	88.0	68.5	78.3		98	1	57	8	0	9	0	0	0	4.12		.97	12	.0	0		8	4	0				
SANDY POINT	85.0M	70.2M	77.6M		94	28	60	8	0	4	0	0	0	5.30		2.75	10	.0	0		8	2	1				
U S SOLDIERS HOME D C	85.3	67.6	76.5		92	29	60	5	0	7	0	0	0	5.52		1.86	31	.0	0		9	3	1				
UPPER MARLBORO 3 N	AM	85.7	65.7	75.7		99	1	51	8	0	7	0	0	6.09		2.10	10	.0	0		9	4	1				
WASHINGTON WB CITY D C	R	87.1	69.5	78.3	.5	95	29	62	8	0	9	0	0	5.55	1.44	1.21	14	.0	0		8	5	1				
DIVISION			76.7	-.2										5.75	1.64			.0									
NORTHERN EASTERN SHORE																											
CENTREVILLE	85.9	66.2	76.1		96	1	52	9+	0	5	0	0	0	6.93		1.64	10	.0	0		9	7	2				
CHESTERTOWN	87.5	68.2	77.9		94	30+	58	8	0	12	0	0	0	5.37		1.49	20	.0	0		8	4	2				
COLEMAN 3 WNW	87.5	68.4	78.0	.5	96	1	58	9	0	9	0	0	0	7.30	3.45	2.30	31	.0	0		10	7	1				
MILLINGTON	87.3	65.5	76.4	-.3	96	1	50	8	0	11	0	0	0	6.74		2.82	1.39	31	.0	0		10	6	1			
ROCK HALL 3 N	85.8	66.3	76.1	-1.2	92	30+	53	8	0	5	0	0	0	5.33	.98	1.05	1	.0	0		9	4	1				
STEVENSVILLE 1 W	85.8M	70.3M	78.1M		97	1	61	8	0	5	0	0	0	11.02		3.90	14	.0	0		9	7	4				
DIVISION			77.1	-.2										7.12	2.93			.0									
NORTHERN CENTRAL																											
BALTIMORE WB CITY	R	86.9	72.5	79.7	1.2	94	24	66	8+	0	10	0	0	4.83	.89	1.82	20	.0	0		9	3	1				
BALTIMORE HAMILTON		86.4	68.5	77.5		93	1	60	8	0	8	0	0	6.16		1.44	20	.0	0		8	5	2				
BENSON POLICE BARRACKS		85.0	64.5	74.8		93	24	53	8	0	4	0	0	5.36		2.47	20	.0	0		9	3	1				
BENTLEY SPRINGS 1 WNW					93	1	48	8	0	3	0	0	0	4.74				.0	0								
BETHESDA NAT INST HLTH		87.2	67.4	77.3		96	1	54	7+	0	8	0	0	7.07		2.93	10	.0	0		6	3	3				
BOYDS 2 NW	84.7	63.5	74.1		92	28	53	3	0	6	0	0	0	2.61		.54	15	.0	0		7	2	0				
CONOWINGO DAM	85.8	65.8	75.8		93	29+	53	8	0	5	0	0	0	5.37		2.76	20	.0	0		8	3	1				
CONOWINGO POLICE BRKS	85.3	65.1	75.2		93	29+	53	8	0	4	0	0	0	5.83		2.51	20	.0	0		10	3	1				
DUNDALK	86.2	68.7	77.5		93	24+	58	8	0	7	0	0	0	5.32		1.08	20	.0	0		9	6	1				

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JULY 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		
											Max.	Min.	30° or Above	32° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
ELKTON		87.7	65.3	76.5	•1	95	24+	53	8	0	10	0	0	0	6.66	2.50	2.12	14	•0	0		10	4	2
ENMITSBURG 2 SE		88.5M	64.8M	76.7M		100	1	49	8	0	11	0	0	0	2.46		1.20	20	•0	0		5	2	1
FREDERICK POLICE BRKS		87.2	67.0	77.1		99	1	55	8	0	8	0	0	0	2.84		.96	1	•0	0		5	2	0
FREDERICK WB AIRPORT	R	86.5	65.3	75.9	•8	92	23	53	8	0	8	0	0	0	3.51	•14	1.38	14	•0	0		5	3	2
MIDDLE RIVER 1 N		86.0	64.1M	75.1M		94	24	51	8	0	4	0	0	0	8.85		2.60	14	•0	0		9	7	3
PARKTON 2 SW		83.7	63.6	73.7		92	29	51	8	0	3	0	0	0	4.36		1.23	31	•0	0		6	5	1
PIKESVILLE POLICE BRKS		86.0	67.6	76.8		96	1	57	8	0	6	0	0	0	4.79		1.52	14	•0	0		7	3	2
RANDALLSTOWN POL BRKS		86.4	66.1	76.3		98	1	53	9	0	8	0	0	0	5.53		1.64	10	•0	0		8	5	2
ROCKVILLE		87.7	67.0	77.4		100	1	57	9+	0	9	0	0	0	3.06		1.01	20	•0	0		8	2	1
TAKOMA PARK MISS AVE		85.7	67.2	76.5		93	1	56	8	0	7	0	0	0	5.99		1.07	14	•0	0		9	5	2
TOWSON		86.8	65.2	76.0		95	1	52	8	0	8	0	0	0	5.23	1.48	1.40	31	•0	0		7	5	2
UNIONVILLE		86.9	63.6	75.3		92	30+	48	8	0	9	0	0	0	1.88		.82	20	•0	0		5	2	0
VIER'S MILL																								
WATERLOO POLICE BRKS		84.4	65.9	75.2		96	1	53	9+	0	2	0	0	0	7.27		2.36	15	•0	0		7	6	2
WESTMINSTER		85.4	65.3	75.4	•2	91	29+	53	8	0	6	0	0	0	5.11	1.06	1.81	15	•0	0		8	4	2
WOODSTOCK		86.1	64.9	75.5	•3	94	1	51	9+	0	8	0	0	0	6.78	3.00	1.37	31	•0	0		9	6	4
DIVISION				76.1	•6									5.07	•99			•0						
APPALACHIAN MOUNTAIN																								
CHEWSTOWN BRIDGEPORT		86.8	64.7	75.8	1.4	93	1	51	8	0	8	0	0	0	4.70	1.28	1.78	10	•0	0		8	4	1
CLEAR SPRING 1 ENE		85.2	63.7	74.5		91	9+	51	8+	0	2	0	0	0	7.95		1.97	31	•0	0		10	5	3
CUMBERLAND		88.0	62.6	75.3		98	1	52	8+	0	11	0	0	0	2.96		.71	31	•0	0		10	1	0
CUMBERLAND POLICE BRKS		87.5	61.8	74.7		95	1	49	8+	0	10	0	0	0	2.66		.51	20	•0	0		8	1	0
FROSTBURG		84.0	59.3	71.7	•1	94	1	48	8	0	1	0	0	0	3.28	•28	.50	20	•0	0		10	1	0
HAGERSTOWN		86.7	62.9	74.8		93	1	52	8	0	6	0	0	0	3.36		.79	10	•0	0		9	2	0
HANCOCK FRUIT LAB	AM	86.7	62.1	74.4		98	1	50	8+	0	8	0	0	0	4.54	1.06	1.79	2	•0	0		6	3	2
KEEDYSVILLE		88.9	63.9	76.4	•2	95	29+	50	8	0	14	0	0	0	2.77	•11	1.09	20	•0	0		6	2	1
PICARDY		84.6	60.7	72.7		97	1	48	8	0	3	0	0	0	5.68	2.22	.96	1	•0	0		13	4	0
WESTERNPORT		87.4M	61.7M	74.6M	•4	100	1	50	8+	0	8	0	0	0	3.02	•56	.52	23	•0	0		9	2	0
DIVISION				74.5	•1									4.09	•51			•0						
ALLEGHENY PLATEAU																								
BITTINGER 2 NW		78.9	57.0	68.0		88	1	45	3	10	0	0	0	0	5.33		.82	14	•0	0		10	5	0
NEW GERMANY		79.4	54.5	67.0		89	2	42	8+	29	0	0	0	0	5.08		1.23	2	•0	0		12	4	1
OAKLAND 1 SE		80.9	55.5	68.2	•0	89	1	42	4	17	0	0	0	0	4.67	•01	1.05	2	•0	0		10	3	1
SAVAGE RIVER DAM	AM	83.3	58.8	71.1		94	2	48	8+	4	2	0	0	0	3.31		.67	31	•0	0		10	2	0
SINES DEEP CREEK		81.3	56.1	68.7	1.0	90	1	45	8+	8	1	0	0	0	5.46	•72	1.51	15	•0	0		13	2	1
DIVISION				68.6	•6									4.77	•31			•0						
DELAWARE																								
NORTHERN																								
MIDDLETOWN 2 S		87.7	67.0	77.4		94	29+	54	8	0	11	0	0	0					•0	0		9		
NEWARK UNIVERSITY FARM		86.7	65.7	76.2		96	1	54	9+	0	7	0	0	0	8.69		2.15	14	•0	0		10	6	3
WILMINGTON N CASTLE WBAF		84.2	66.6	75.4	•5	91	24	56	8	0	4	0	0	0	5.21	•72	1.30	20	•0	0		7	5	2
WILMINGTON PORTER RESVR		83.8	67.0	75.4		92	29	58	8	0	4	0	0	0	4.47	•18	1.42	14	•0	0		6	3	2
DIVISION				76.1	•0									6.12	1.97			•0						
SOUTHERN																								
BRIDGEVILLE 1 NW		86.0	67.8	76.9	•7	94	29	54	9	0	7	0	0	0	12.68	7.99	3.60	10	•0	0		10	7	4
DOVER		87.6	67.0	77.3	•1	93	2+	56	8	0	13	0	0	0	9.73	5.23	2.90	31	•0	0		11	6	3
GEORGETOWN 5 SW		86.9	66.6	76.8		93	2	50	9+	0	11	0	0	0	12.97		3.11	15	•0	0		7	8	3
LEWES 1 SW		83.6	68.3	76.0		94	2	56	8+	0	4	0	0	0	9.02		3.13	15	•0	0		7	4	3
MILFORD		87.0	66.8	76.9		94	2	54	5	0	9	0	0	0	13.03		4.00	10	•0	0		9	5	5
SELBYVILLE		84.7	67.2	76.0		94	2	51	9	0	5	0	0	0	12.33		5.60	15	•0	0		10	5	3
DIVISION				76.7	•1									11.63	7.14			•0						

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

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	100-199	200 and over	Total			
ANNAPOLIS USN ACADEMY, MD.	-	-	-	-	-	-	-	-	-	-	3	4	3	4	1	1	18	-	-	-
BALTIMORE WB AIRPORT, MD.	SSW	15	10.3	38	W	19	86	86	61	70	6	1	3	5	1	0	16	63	6.9	-
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	-	6	2	1	2	0	-	-	-	-
WASHINGTON WB CITY	st	20†	5.8	25	W	24	81†	82†	60†	66†	6	3	3	4	1	0	17	51†	7.4†	-
WILMINGTON WB AIRPORT, DEL.	S	15	7.0	29++	WSW	24+	89	88	62	75	9	3	2	3	2	0	19	-	7.5	-

† Airport data

See Reference Notes Following Station Index

MARYLAND AND DELAWARE
JULY 1959

See Reference Notes Following Station Index

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JULY 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	89	81	86	83	80	85	86	84	80	83	77	83	76	77	81	81	83	89	84	83	84	90	92	84	85	88	89	89	89	88	84.5
	MIN	74	71	66	68	69	71	66	63	67	70	68	71	68	70	70	69	68	72	76	73	73	75	78	73	74	72	77	75	76	75	76	71.4
ANNAPOLIS 2 WNW	MAX	95	89	85	86	84	82	83	88	88	84	84	77	83	82	78	80	82	83	90	87	85	89	91	97	84	85	88	88	91	90	88	86.0
	MIN	69	74	60	66	63	63	58	53	56	70	65	60	63	68	67	68	63	67	73	68	70	71	73	73	70	70	70	71	71	70	66.9	
BALTIMORE WB AIRPORT	MAX	91	88	85	86	85	81	85	86	90	76	86	77	84	76	76	79	82	86	92	87	88	88	92	91	84	85	87	91	91	91	86	85.5
	MIN	72	68	60	60	59	64	61	56	58	71	66	68	64	68	67	69	67	68	72	71	71	72	75	73	73	70	72	71	73	74	72	67.9
BALTIMORE WB CITY	MAX	90	90	86	88	86	84	87	88	90	78	88	78	86	77	77	82	84	86	92	88	88	89	93	94	86	87	90	90	93	93	87	86.9
	MIN	78	71	66	70	70	72	67	66	70	73	70	71	70	68	68	70	72	70	74	74	73	75	77	76	75	73	77	76	79	77	78	72.5
BALTIMORE HAMILTON	MAX	93	90	87	87	85	84	85	86	87	87	88	82	84	83	77	79	83	84	91	84	86	87	91	92	84	85	87	90	92	90	88	86.4
	MIN	72	75	62	62	64	67	63	60	61	70	65	69	65	68	66	69	67	68	71	70	70	72	74	73	72	68	72	71	73	73	73	68.5
BELTSVILLE	MAX	100	91	89	85	82	86	82	86	87	89	74	81	77	85	75	76	80	84	86	90	86	86	87	91	91	85	86	87	90	92	90	85.7
	MIN	71	72	57	53	52	59	58	50	51	68	63	66	63	66	67	68	63	63	71	70	70	72	71	73	71	69	69	69	70	72	69	65.4
BELTSVILLE PLANT STA 1	MAX	99	92	88	85	88	86	82	86	88	90	74	85	78	85	75	76	81	85	88	91	87	86	88	91	91	86	88	88	90	94	90	86.5
	MIN	71	73	57	57	53	59	58	52	51	72	65	69	62	68	65	67	63	63	72	70	69	72	71	73	70	70	70	69	70	71	69	65.8
BELTSVILLE PLANT STA 2	MAX	100	90	88	86	87	87	82	85	87	90	76	86	77	85	75	76	81	85	87	90	86	86	87	91	90	86	88	88	91	94	91	86.4
	MIN	71	73	55	57	52	59	56	51	50	72	64	67	62	68	67	68	63	62	72	70	69	72	71	73	70	69	69	68	69	71	68	65.4
BELTSVILLE PLANT STA 4	MAX	100	91	89	86	88	85	85	88	89	90	76	85	78	87	74	75	82	85	86	90	85	85	87	91	90	85	87	88	91	94	91	86.5
	MIN	70	73	59	59	53	61	60	53	52	71	63	67	61	67	66	66	64	65	72	69	69	71	72	72	70	68	69	69	72	71	68	65.9
BELTSVILLE PLANT STA 5	MAX	100	90	87	85	86	85	83	87	86	88	75	86	77	86	75	77	82	84	85	90	86	86	88	94	91	87	87	89	92	94	92	86.5
	MIN	72	72	56	57	52	58	56	50	50	71	62	69	61	68	67	68	62	62	73	70	68	72	71	73	70	69	69	68	69	71	68	65.3
BELTSVILLE PLANT STA 6	MAX	102	91	88	85	87	87	83	87	87	91	76	86	78	85	75	75	81	85	86	90	87	87	89	93	92	85	86	89	92	94	93	86.8
	MIN	69	72	58	57	55	60	59	50	54	70	62	66	60	68	65	65	62	62	71	68	67	72	72	72	70	69	70	70	71	72	69	65.2
BENSON POLICE BARRACKS	MAX	91	88	85	85	83	79	83	85	85	84	88	79	83	80	75	79	83	83	89	84	85	85	89	93	84	85	86	89	91	91	85	85.0
	MIN	68	71	61	57	56	60	57	53	54	69	64	66	64	67	60	66	61	62	65	68	68	69	70	70	70	64	68	63	67	70	70	64.5
BENTLEY SPRINGS 1 WNW	MAX	93	85	81	84	82	81	80	84	87	84	86																					
	MIN	61	70	52	51	51	57	54	48	50	68	59																					
BETHESDA NAT INST HLTH	MAX	96	89	84	86	86	87	85	88	87	88	81	75	87	87	80	83	84	89	91	87	88	92	93	92	85	88	86	90	90	89	90	87.2
	MIN	74	70	60	76	54	56	54	57	58	60	62	65	75	76	64	63	62	64	74	74	68	70	78	73	70	70	70	69	73	73	78	67.4
BITTINGER 2 NW	MAX	88	74	75	77	78	77	77	79	84	78	80	79	81	78	72	74	82	72	79	77	81	85	82	77	72	79	77	80	82	79	83	78.9
	MIN	64	57	45	49	53	56	50	49	52	59	51	54	52	56	56	57	57	59	63	63	55	60	62	64	62	56	59	60	62	63	62	57.0
BLACKWATER REFUGE	MAX	100	90	86	86	85	88	90	90	90	80	82	80	85	85	82	82	80	80	88	86	86	86	89	90	90	86	86	90	91	90	88	86.7
	MIN	76	78	63	58	62	64	66	58	62	68	69	74	72	74	74	70	66	72	77	74	74	74	78	78	74	70	74	74	72	74	74	70.7
BOYDS 2 NW	MAX	88	85	79	83	85	79	81	85	88	85	85	83	81	76	75	80	81	84	90	86	85	86	91	90	86	84	86	92	91	90	86	84.7
	MIN	68	68	53	55	58	61	60	59	55	60	60	58	67	62	62	65	61	63	70	66	67	66	70	68	65	67	70	67	66	65	65	63.5
CAMBRIDGE 4 W	MAX	94	91	84	83	87	90	86	90	90	81	84	78	84	80	77	79	81	85	88	87	83	87	90	90	85	87	87	90	92	91	88	86.1
	MIN	74	76	66	56	59	59	61	53	54	67	67	69	66	71	68	68	62	62	74	71	71	70	74	75	71	67	71	72	71	71	71	67.6
CENTREVILLE	MAX	96	87	85	85	85	84	85	87	88	84	85	78	84	84	76	80	82	85	88	86	83	88	90	90	84	87	87	89	92	90	89	85.9
	MIN	70	76	60	56	54	60	58	52	52	69	66	68	67	68	67	67	61	61	75	71	70	69	75	74	72	68	70	68	68	70	71	66.2
CHARLOTTE HALL 2 ESE	MAX	94	89	83	85	85																											
	MIN	67	72	60	55	57																											
CHESTERTOWN	MAX	93	92	87	90	90	84	87	93	90	78	88	78	87	73	77	83	86	88	91	88	86	89	91	93	85	88	88	92	94	94	88	87.5
	MIN	71	71	61	60	60	64	61	58	60	68	67	67	69	67	67	68	64	69	72	72	72	73	76	74	72	72	73	70	73	74	74	68.2
CHEWSVILLE BRIDGEPORT	MAX	93	84	83	85	85	82	84	87	92	87	85	83	87	86	79	84	87	86	91	84	90	90	92	88	85	88	86	91	89	90	87	86.8
	MIN	69	68	53	53	62	66	55	51	59	66	61	65	58	67	65	65	61															

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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	99	87	86	87	85	81	86	84	90	86	86	82	86	83	77	84	86	86	90	86	89	89	92	92	86	88	88	91	91	89	90	87.2
	MIN	71	72	58	57	59	63	58	55	57	72	65	68	61	68	66	67	63	67	71	69	71	73	73	72	72	67	71	71	76	73	71	67.0
FREDERICK WB AIRPORT	MAX	91	84	85	86	87	81	85	88	91	79	87	81	87	83	73	84	86	87	91	84	89	89	92	91	85	87	87	90	91	91	89	86.5
	MIN	70	63	56	55	58	63	56	53	55	68	62	62	60	68	66	67	63	66	69	70	70	73	73	71	68	66	71	68	72	73	70	65.3
FROSTBURG	MAX	94	85	82	82	81	81	81	85	89	88	88	80	83	82	80	83	85	84	87	81	85	87	86	82	80	85	80	80	89	80	89	84.0
	MIN	66	63	49	49	54	55	53	48	52	62	53	58	55	58	59	60	56	61	65	66	59	63	66	64	65	58	62	63	65	66	65	59.3
GLENN DALE BELL STA	MAX	99	90	87	86	86	84	86	87	89	88	88	81	85	84	75	81	84	86	90	88	87	87	92	92	84	87	90	91	93	91	90	87.4
	MIN	70	72	54	53	53	59	58	50	52	69	63	64	60	61	66	66	63	64	70	70	69	69	71	70	70	68	68	68	69	70	69	64.5
GREENBELT	MAX	101	91	89	86	87	85	83	87	87	90	76	87	78	85	74	76	81	86	86	93	88	87	89	93	92	85	86	89	93	91	91	86.8
	MIN	71	71	60	56	57	62	60	55	56	58	65	65	65	64	66	68	66	68	69	71	70	71	72	73	71	69	69	70	71	71	71	66.2
HAGERSTOWN	MAX	93	84	83	86	85	83	85	87	92	89	85	83	87	86	78	85	86	87	86	83	90	90	92	89	85	87	86	91	87	88	89	86.7
	MIN	68	67	54	54	60	64	55	52	59	65	58	62	58	64	61	62	60	65	67	65	65	68	69	69	67	62	65	65	68	67	65	62.9
HANCOCK FRUIT LAB	MAX	98	96	83	83	85	85	83	84	86	91	83	86	85	85	84	76	85	86	86	89	85	90	90	93	87	85	87	86	91	90	86	86.7
	MIN	67	70	50	50	54	67	57	50	52	63	55	60	59	62	64	63	59	62	65	70	64	66	68	68	70	62	63	63	66	68	67	62.1
KEEDYSVILLE	MAX	95	88	89	88	87	81	87	88	93	84	85	88	89	86	78	85	89	90	94	85	90	90	94	93	91	89	91	93	95	91	90	88.9
	MIN	70	68	51	51	60	65	56	50	59	70	60	67	57	58	65	64	63	67	70	68	67	69	71	72	71	69	68	65	69	70	67	63.9
LANHAM SCOFIELD ESTATE	MAX	100	89	89	86	88	86	81	88	87	88	73	86	76	85	74	78	81	84	85	90	86	86	86	90	91	84	87	89	90	93	91	86.0
	MIN	71	71	58	56	55	56	59	54	54	56	65	66	62	65	67	67	64	64	68	72	70	70	72	73	71	68	69	70	71	72	69	65.3
LA PLATA 1 W	MAX	91	89	83	85	86	83	86		88	79	83	79	84	78	76	80	82	86	88	86	81	86	89	91	85	86	87	89	92	90	87	85.2
	MIN	69	72	59	54	55	58	58		52	68	65	65	63	69	68	67	62	65	73	70	70	70	72	71	71	68	70	72	69	70	69	66.1
LAUREL 3 W	MAX	94	89	85	86	87	86	85	88	87	87	85	82	84	85	77	82	85	85	89	84	87	89	93	92	83	87	87	91	93	92	92	87.0
	MIN	69	68	61	62	62	65	63	59	61	71	65	67	64	68	66	64	66	64	72	69	69	72	74	72	72	69	71	72	75	73	68	67.5
LEONARDTOWN 4 SSW	MAX	94	93	86	85	87	87	92	88	90	80	80	78	83	79	79	82	81	85	90	88	82	88	91	92	90	85	88	88	88	91	87	86.4
	MIN	72	75	66	58	60	62	62	57	59	68	69	69	65	69	68	69	64	69	74	72	71	72	73	75	72	70	72	74	72	71	71	68.4
MIDDLE RIVER 1 N	MAX	89	88	83	85	85	83	84	86	88	86	88	78	85	83	78	80	82	85	92	86	86	88	89	94	86	85	87	89	91	90	88	86.0
	MIN	69		56	52	55	62	57	51	52	69	60	67	63	66	65	67	63	65	72	65	68	67	67	73	71	66	65	64	67	70	70	64.1
MILLINGTON	MAX	96	90	87	91	88	86	87	88	90	87	86	80	86	84	80	80	83	86	87	90	83	88	90	92	84	87	85	91	93	91	90	87.3
	MIN	69	72	57	53	53	59	57	50	52	63	67	63	68	67	67	68	63	65	67	72	71	71	72	73	68	67	70	66	68	72	72	65.5
NATIONAL ARBORETUM D C	MAX	98	90	88	86	87	87	88	89	89	89	84	88	86	84	76	82	87	87	91	87	87	88	92	92	85	86	90	90	94	93	89	88.0
	MIN	72	76	62	58	58	70	60	57	58	71	73	67	64	67	68	68	67	69	74	70	70	73	75	73	72	69	72	73	74	73	71	68.5
NEW GERMANY	MAX	88	89	70	76	79	78	78	77	81	85	76	80	79	79	78	74	80	84	80	76	77	84	84	84	77	74	80	76	80	81	78	79.4
	MIN	59	60	42	43	47	56	49	42	45	50	45	51	52	52	56	55	52	56	63	63	54	58	61	61	64	53	56	59	59	63	62	54.5
OAKLAND 1 SE	MAX	89	84	77	79	79	78	77	83	85	79	80	80	82	78	78	80	85	84	80	78	83	86	85	77	76	81	77	81	83	80	85	80.9
	MIN	60	62	45	42	47	58	48	43	45	54	44	50	53	52	52	55	53	51	63	65	52	57	63	64	64	57	55	61	63	65	67	55.5
OCEAN CITY	MAX	84	96	83	80	80	81	83	86	81	75	80	77	74	73	73	79	79	79	85	84	79	82	82	86	92	84	85	88	85	87	83	82.1
	MIN	72	76	68	64	68	71	69	65	65	68	68	67	67	68	68	68	67	69	74	73	71	71	72	71	71	72	71	74	73	73	71	69.8
OWINGS FERRY LANDING	MAX	92	90	83	85	84	85	83	86	88	79	82	77	83	80	75	79	81	85	88	85	82	86	90	90	84	85	87	90	93	92	87	85.0
	MIN	70	73	60	58	57	62	61	55	57	68	66	66	64	68	67	68	64	66	72	70	69	70	74	73	70	68	71	71	72	71	70	66.8
PARKTON 2 SW	MAX	87	85	81	84	82	79	81	83	88	74	87	76	84	78	71	79	82	84	89	84	85	86	90	90	83	84	87	88	92	88	84	83.7
	MIN	68	62	56	55	57	59	57	51	52	69	62	65	58	65	65	65	65	63	68	67	68	70	71	70	64	63	67	64	69	69	69	63.6
PICARDY	MAX	97	81	82	83	84	81	82	84	90	84	82	84	83	82	74	82	85	86	91	82	87	86	89	86	83	86	83	87	86	82	88	84.6
	MIN	66	65	50	50	59	62</																										

DAILY TEMPERATURES

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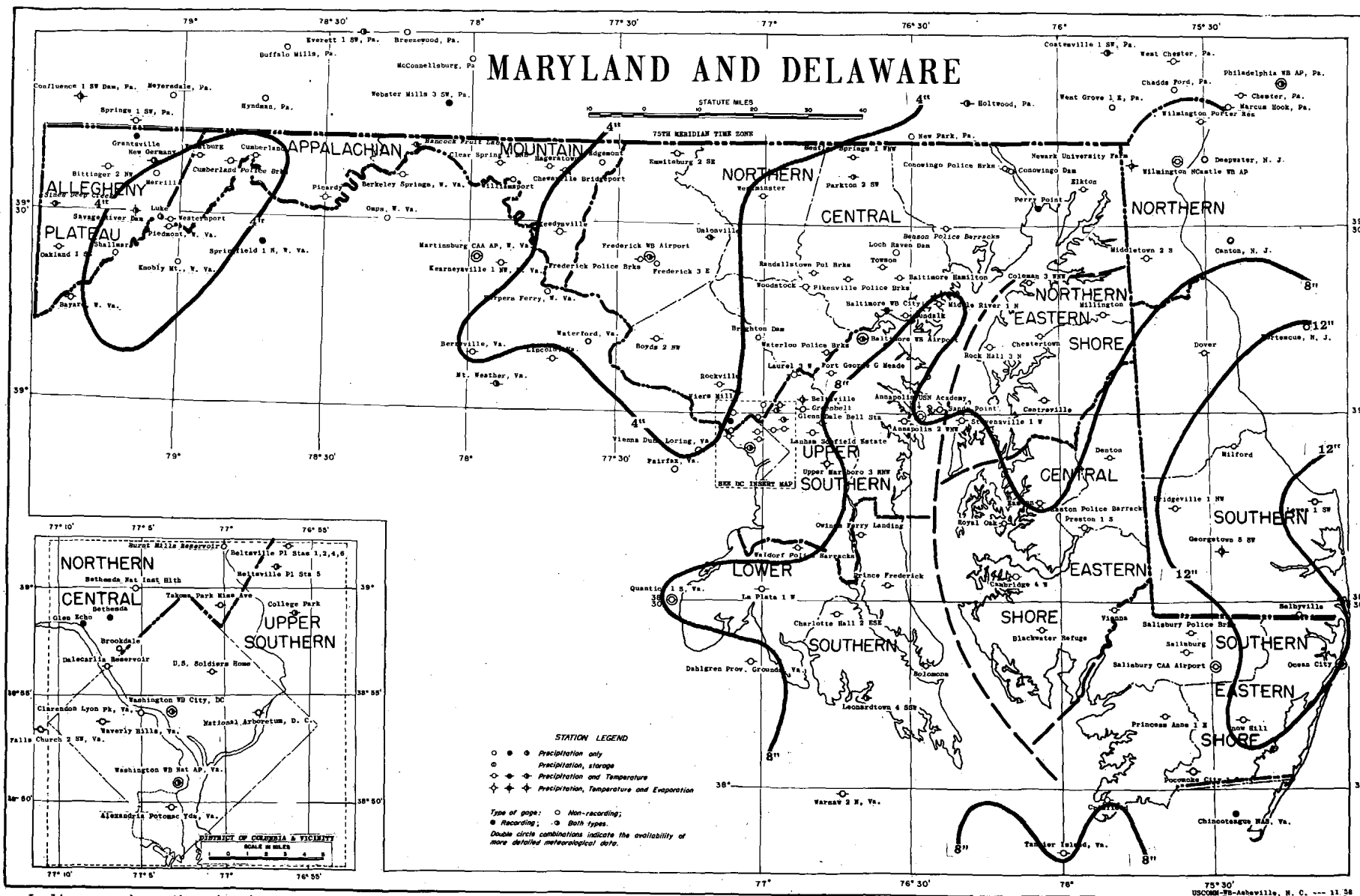
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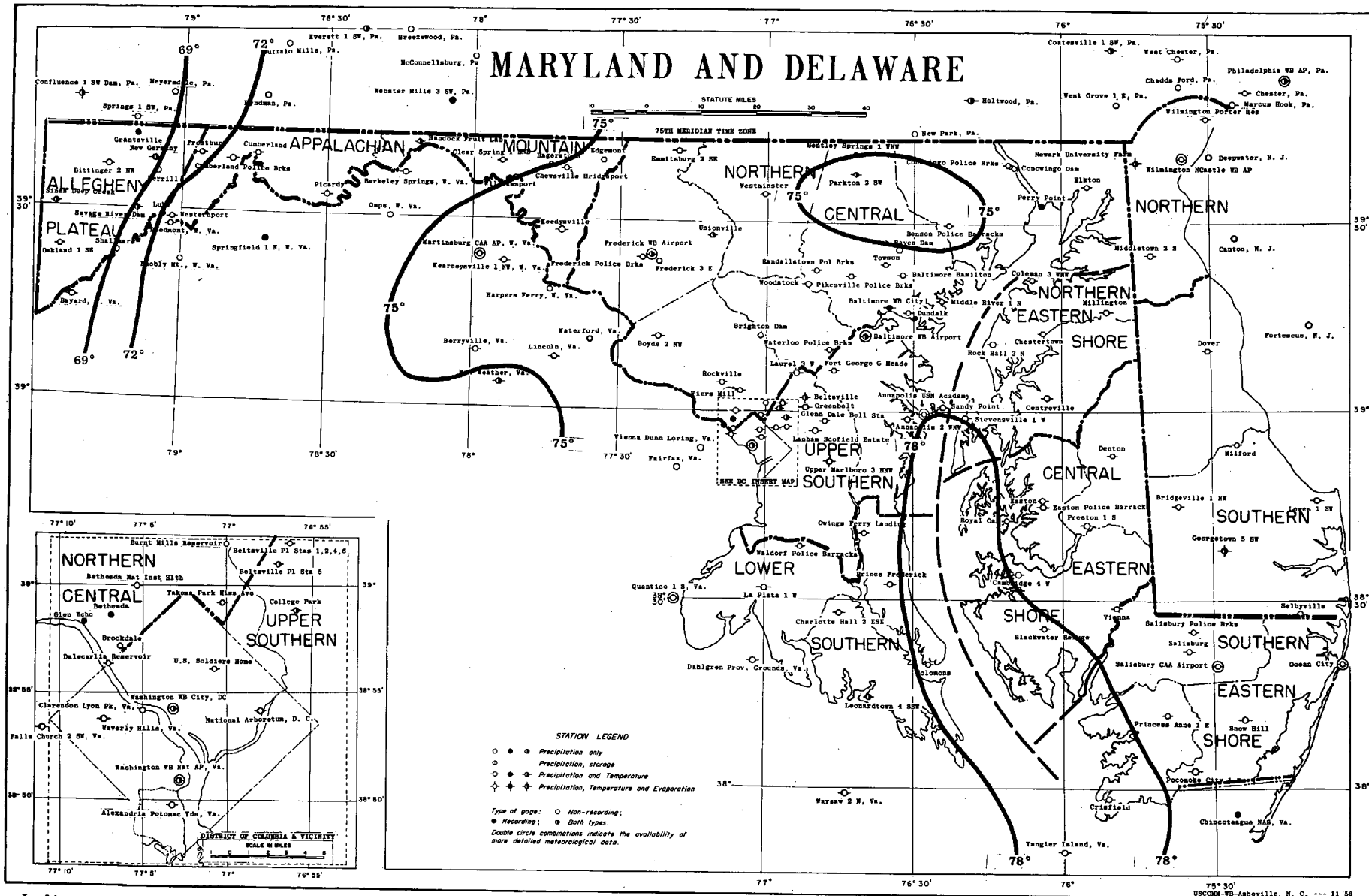
Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
STEVENSVILLE 1 W	MAX	97	89	87	84	84	83	84	85	87	86	84	80	81	83	76	80	80	83		88	84	85	89	90	87	87	87	94	90	89	90	85.8	
	MIN	75	76	67	65	66	66	65	61	62	71	70	70	67	74	69	69	67	70		73	72	74	73	77	71	71	70	70	78	74	75	70.3	
TAKOMA PARK MISS AVE	MAX	93	87	81	87	82	81	84	88	89	86	85	76	83	82	75	80	83	86		91	85	86	86	91	92	82	86	88	90	91	90	89	85.7
	MIN	71	73	61	58	58	64	61	56	57	72	65	68	63	68	67	67	65	67		72	70	69	72	73	71	70	69	71	70	73	73	69	67.2
TOWSON	MAX	95	90	87	86	87	80	86	87	87	85	88	86	85	85	75	79	82	85		91	87	87	88	91	91	84	85	88	92	92	90	89	86.8
	MIN	71	73	58	54	57	63	57	52	56	66	62	67	62	67	64	65	65	67		70	67	69	71	71	72	70	66	67	64	68	70	70	65.2
UNIONVILLE	MAX	92	86	83	88	87	80	85	88	92	84	87	82	88	83	73	83	86	87		91	87	90	89	92	92	84	86	87	92	90	92	88	86.9
	MIN	70	70	52	50	51	61	53	48	51	70	58	64	57	67	66	66	60	62		73	68	67	72	71	71	71	65	68	64	68	70	69	63.6
U S SOLDIERS HOME D C	MAX	89	88	84	86	85	80	86	86	87	77	85	77	84	75	75	85	82	86		90	85	85	86	91	91	83	85	88	90	92	91	90	85.3
	MIN	70	68	62	63	60	67	63	62	61	69	65	66	63	67	62	67	66	69		70	70	70	72	74	72	70	69	71	71	74	72	70	67.6
UPPER MARLBORO 3 NNW	MAX	99	90	88	84	86	85	81	85	87	89	78	85	78	83	74	78	81	82		85	90	85	85	87	90	91	84	86	88	91	93	89	85.7
	MIN	71	73	57	54	52	62	58	51	53	69	65	67	64	69	67	68	63	65		72	71	69	70	72	72	70	68	69	70	69	70	68	65.7
VIENNA	MAX	92	94	86	86	86	88	91	90	90	81	83	78	83	79	80	80	83	86		88	87	84	87	88	90	90	90	88	90	95	93	88	86.9
	MIN	77	78	65	59	60	62	63	55	58	69	60	69	69	69	68	70	65	67		75	70	73	73	76	76	74	68	72	72	70	74	73	68.7
VIERS MILL	MAX																																	
	MIN																																	
WALDORF POLICE BRKS	MAX	95	89	88	87	85	83	86	86	90	85	85	81	85	84	76	79	81	89		89	84	85	88	93	92	88	88	86	90	91	92	90	86.8
	MIN	70	73	62	54	52	59	59	52	53	68	67	66	62	66	68	67	63	63		70	70	69	69	71	71	72	67	70	70	76	70	74	65.9
WASHINGTON WB CITY D C	MAX	89	87	86	88	87	83	88	90	89	77	86	77	87	76	78	83	85	87		92	88	86	88	93	94	86	88	90	93	95	93	91	87.1
	MIN	72	68	64	63	63	68	64	62	63	70	68	67	64	68	68	69	68	70		74	71	71	74	76	73	73	72	74	74	76	75	73	69.5
WATERLOO POLICE BRKS	MAX	96	86	83	84	85	83	82	85	86	85	83	80	83	81	73	78	80	83		86	83	85	85	88	88	82	85	85	89	90	88	87	84.4
	MIN	73	72	59	55	54	60	59	53	53	71	66	64	64	68	67	67	65	65		69	69	68	71	71	71	71	68	68	69	70	72	70	65.9
WESTERNPORT	MAX	100	88	86	88	90	85	88	89	94	86	90	82	88	88	78	87	89	86		90	86	89	90	90	85	81	85	83	86	90	84	87	84.4
	MIN	68	67	50	51	55	62	56	50	54	62	54	60	62	60	67	63	60	64		67	68	60	64	68	68	68	64	64	63	66	67		61.7
WESTMINSTER	MAX	91	85	83	85	84	80	82	85	90	85	87	81	85	80	73	85	83	85		87	83	87	88	89	90	84	85	87	90	91	90	87	85.4
	MIN	70	70	57	56	58	64	55	53	58	71	64	66	59	65	67	65	63	66		69	67	69	67	70	71	70	65	69	66	70	71	72	65.3
WOODSTOCK	MAX	94	86	84	86	86	81	85	85	90	86	87	78	85	83	76	80	84	86		90	84	88	88	91	90	84	85	87	90	91	90	89	86.1
	MIN	70	72	58	54	53	59	58	51	51	69	62	62	66	67	66	67	63	63		71	67	70	71	71	71	71	66	68	65	68	71	70	64.9
DELAWARE																																		
BRIDGEVILLE 1 NW	MAX	89	93	85	86	85	83	90	89	88	83	84	80	82	79	77	75	82	85		87	87	84	88	90	90	87	89	86	90	94	92	87	86.0
	MIN	75	78	63	56	55	62	62	55	54	69	68	68	69	69	67	69	64	65		73	72	72	71	75	75	73	69	70	72	69	72	72	67.8
DOVER	MAX	93	93	89	90	90	91	86	86	89	88	87	82	85	82	77	78	84	86		90	89	86	89	90	92	91	85	85	90	92	91	90	87.6
	MIN	72	73	64	58	57	58	61	56	57	69	64	68	68	67	67	68	63	65		73	70	71	71	74	75	72	68	70	67	70	72	69	67.0
GEORGETOWN 5 SW	MAX	92	93	88	88	85	87	87	87	90	83	86	80	83	80	79	76	82	87		89	90	86	90	91	92	90	87	86	91	92	90	88	86.9
	MIN	69	77	63	54	52	58	59	50	50	69	66	65	66	70	66	69	66	63		74	73	73	71	74	75	70	67	70	72	67	72	72	66.6
LEWES 1 SW	MAX	87	94	90	83	80	82	81	80	78	78	85	78	80	74	77	75	77	80		88	89	83	88	91	91	84	82	86	86	88	87	89	83.6
	MIN	78	80	64	57	56	63	62	56	58	68	67	68	68	68	67	67	67	64		74	73	72	72	74	75	73	67	70	70	72	72	74	68.3
MIDDLETOWN 2 S	MAX	91	92	88	90	87	87	88	88	94	85	90	82	86	82	78	82	84	88		89	90	92	92	88	87	86	88	88	92	94	93	88	87.7
	MIN	72	76	60	58	56	62	58	54	56	68	67	70	68	69	68	68	62	66		72	71	73	73	75	72	68	66	71	66	69	72	72	67.0
MILFORD	MAX	93	94	88	90	87	88	89	87	89	89	89	79	83	74	76	74	81	86		90	88	85	88	91	91	89	87	87	92	93	90	89	87.0
	MIN	73	74	62	56	54	62	60	55	56	68	66	67	69	69	66	69	63	64		72	68	71	70	72	74	72	68	69	71	69	71	71	66.8
NEWARK UNIVERSITY FARM	MAX	96	87	86	86	85	82	87	87	89	88	89	84	86	84	76	78	83	84		90	86	87	87	90	92	84	85	87	90	92	91	89	86.7
	MIN	70	70	59	55	54	60	57	54	54	71	65	68	66	67	66	66	64	63		73	71	70	70	71	71	72	62	65	64	67	71	71	65.7
SELBYVILLE	MAX	87	94	88	83	82	85	84	83	87	81	85	77	79	74	74	77	77	84		88	89	83	89	92	90	92	85	89	84	93	87	86	84.7
	MIN	73	77	67	54	52	61	63	53	51	67	67	66	68	69	67	68	66	60		74	75	71	71	75	75	75	68	68	72	70	71	69	67.2
WILMGTN N CASTLE WBAP	MAX	87	88	85	83	81	81	84	84	85	76	87	77	83	74	78	77	82	83		89	85	84	87	88	91	86	84	87	90	90	90	86	84.2
	MIN	70	67	61	59	61	65	59	56	59	68	65	68	67	67	67	67	64	65		77	64	65	70	70	72	73	66	63	71	67	69	72	73
WILMINGTON PORTER RESVR	MAX	85	86	83	85	82	81	82	84	87	78	87	76	84	74	75	77	81	83		88													

MARYLAND AND DELAWARE

TOTAL PRECIPITATION

MARYLAND AND DELAWARE
JULY 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
JULY 1959

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	ETAP.	SPECIAL	
MARYLAND											
ANAPOLIS U S N ACADEMY	0185	ANNE ARUNDEL	1	38 59	76 28	10	MID	MID			HJ U.S. NAVY
ANAPOLIS 2 WW	0193	ANNE ARUNDEL	1	38 59	76 31	65	AP	AP			H RADIO STATION WNAV
BALTIMORE WB AIRPORT	0465	ANNE ARUNDEL	3	39 11	76 40	146	MID	MID			C MJ U.S. WEATHER BUREAU
BALTIMORE PLANT STA 4	0470	BALTO CITY	3	39 17	76 37	14	MID	MID			H U.S. WEATHER BUREAU
BALTIMORE HAMILTON	0475	BALTO CITY	3	39 21	76 33	330	SP	SP			H W. M. KIMMERSLEY, JR.
BELTSVILLE	0700	PRINCE GEORGE	5	39 02	76 53	120	8A	8A	0A	C	H CHESTER W. GORDON
BELTSVILLE PLANT STA 1	0701	PRINCE GEORGE	5	39 02	76 56	160	9A	9A			H USDA PLANT IND. STA.
BELTSVILLE PLANT STA 2	0702	PRINCE GEORGE	5	39 02	76 56	136	9A	9A			H USDA PLANT IND. STA.
BELTSVILLE PLANT STA 4	0704	PRINCE GEORGE	5	39 02	76 56	265	9A	9A			H USDA PLANT IND. STA.
BELTSVILLE PLANT STA 5	0705	PRINCE GEORGE	5	39 01	76 57	100	9A	9A		C	H USDA PLANT IND. STA.
BELTSVILLE PLANT STA 6	0706	PRINCE GEORGE	5	39 01	76 57	235	9A	9A			H USDA PLANT IND. STA.
BENSON POLICE BARRACKS	0732	HARFORD	1	39 30	76 23	365	SP	SP			H MD. STATE POLICE
BENTLEY SPRINGS 1 WW	0737	BALTIMORE	1	39 41	76 42	730	SP	SP			H CARL A. PITTINGER
BETHESDA	0795	MONTGOMERY	5	38 58	77 07	320	6P	6P		C	H CORPS OF ENGINEERS
BETHESDA NAT INST HLTH	0800	MONTGOMERY	5	39 00	77 06	310	6P	6P			H NAT. INST. OF HEALTH
BITTINGER 2 NW	0881	GARRETT	7	39 37	79 15	2700	7P	7P			H ELBERT E. BUCKEL
BLACKWATER REFUGEE	0915	DORCHESTER	1	38 26	76 08	5	AP	AP			H NAT. WILDLIFE REFUGEE
BOYDS 2 NW	1032	MONTGOMERY	5	39 12	77 20	580	6P	6P			H RALPH F. STALEY
BRIGHTON DAM	1125	MONTGOMERY	4	39 12	77 01	350	8A	8A			H WASH. SUB. SANIT. COMM.
BROOKDALE	1170	MONTGOMERY	4	38 57	77 06	260	7P	7P			H B. FRANCIS DASHILL
BURN MILLS RESERVOIR	1278	MONTGOMERY	5	39 02	77 00	220	8A	8A			H J. M. JESTER
CAMBRIDGE 4 W	1389	DORCHESTER	1	38 34	76 09	5	6P	6P			H D ARCY MC B. HARDING
CENTREVILLE	1627	QUEEN ANNES	1	39 03	76 03	46	6P	6P			H ALEXANDER J. KNIGHT
CHARLOTTE HALL 2 ESE	1685	ST MARYS	4	38 28	76 45	167	6P	6P			H J. B. TENNYSON
CHESTERDOWN	1730	KENT	1	39 13	76 04	35	11P	11P			H T. W. ELLISON, JR.
CHEWESVILLE BRIDGEPORT	1790	WASHINGTON	5	39 38	77 41	560	SS	SS			H D. PAUL OSWALD
CLEAR SPRING 1 ENE	1890	WASHINGTON	5	39 40	77 54	580	SP	SP			H MRS. L. A. CONILL
COLEMAN 3 WW	1980	KENT	1	39 21	76 08	78	6P	6P			H W. B. HARRIS
COLLEGE PARK	1995	PRINCE GEORGE	6	38 59	76 56	70	SP	SP		C	H U.S. GEOL. SURVEY
CONOMINGO DAM	2050	HARFORD	6	39 39	76 10	40	MID	MID			H SUSQUEHANNA ELECTRIC CO.
CONOMINGO POLICE BRKS	2065	HARFORD	6	39 39	76 11	195	SP	SP			H MD. STATE POLICE
CRISFIELD HAMMOCK PT	2205	SOMERSET	1	37 58	75 52	7	SP	SP			H GEORGE M. STAPLES, III
CUMBERLAND	2280	ALLEGANY	5	39 39	78 45	945	6P	6P			H R. R. GOLDEN
CUMBERLAND POLICE BRKS	2285	ALLEGANY	5	39 38	78 50	970	SP	SP			H MD. STATE POLICE
DENTON	2523	CAROLINE	1	38 53	75 50	20	6P	6P			H JAMES K. COOPER
DUNDALK	2660	BALTIMORE	3	39 16	76 31	50	6P	6P			H W. A. WEISENHALDER
EASTON	2695	TALBOT	1	38 46	76 04	28					H INACTIVE 5/59
EASTON POLICE BRKS	2700	TALBOT	1	38 45	76 04	40	SP	SP			H MD. STATE POLICE
EDGEWORTH	2770	WASHINGTON	5	39 40	77 33	905	8A	8A			H LEE G. HARNE
ELKTON	2840	CECIL	1	39 36	75 50	28	6P	6P			H H. W. BOUCHELLE
EMMITSBURG 2 SE	2904	FREDERICK	5	39 41	77 18	420	SP	SP			H MRS. LUCILLE E. BEALE
FORT GEORGE G MEADE	3230	ANNE ARUNDEL	4	39 05	76 45	140	SP	SP			H FILTRATION PLANT
FREDERICK POLICE BRKS	3348	FREDERICK	5	39 25	77 26	380	SP	SP			H MD. STATE POLICE
FREDERICK WB AIRPORT	3350	FREDERICK	5	39 25	77 23	294	MID	MID		C	H MJ U.S. WEATHER BUREAU
FREDERICK 3 E	3355	FREDERICK	5	39 24	77 22	385	8A	8A			H MRS. GLENN R. STALEY
FROSTBURG	3410	ALLEGANY	5	39 39	78 56	2035	6P	6P			H C. A. SUTER, JR.
GLEN ECHO	3645	MONTGOMERY	5	38 58	77 09	150				C	H CORPS OF ENGINEERS
GLENN DALE BELL STA	3675	PRINCE GEORGE	4	38 58	76 48	151	AP	AP			H PLANT INTRO. GARDEN
GRANTSVILLE	3700	GARRETT	7	39 42	79 09	2380				C	H FLOYD J. MILLER
GREENBELT	3860	PRINCE GEORGE	5	39 01	76 52	200	7A	7A			H RALPH E. TRUESDELL
HAGERSTOWN	3975	WASHINGTON	5	39 39	77 44	660	6P	6P			H HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	WASHINGTON	5	39 42	78 11	428	8A	8A		C	H U. OF MD. FRUIT LAB.
KEDYSVILLE	4780	WASHINGTON	5	39 29	77 42	420	6P	6P			H FRANK D. KRODE
LANHAM SCOTFIELD EST	5050	PRINCE GEORGE	6	38 57	76 50	200	7A	7A			H FRANCIS SCOTFIELD
LA PLATA 1 W	5080	CHARLES	5	38 32	77 00	140	6P	6P			H C. RUSSELL LEVERING
LAUREL 3 W	5111	PRINCE GEORGE	4	39 06	76 54	400	SP	8A			H PATUXENT FILT. PLANT
LEONARDTOWN 4 SSW	5200	ST. MARYS	5	38 15	76 39	20	SP	SP		C	H ROBERT T. FUCHS
LOCH RAVEN DAM	5340	BALTIMORE	1	39 26	76 33	190	SP	SP			H CITY OF BALTIMORE
LUKE	5530	ALLEGANY	5	39 28	79 04	1020	8A	8A		C	H J. G. PATRICK
MERRILL	5894	GARRETT	5	39 36	79 05	1790	8A	8A			H DELWOOD E. MERRILL
MIDDLE RIVER 1 M	5917	BALTIMORE	1	39 21	76 27	60	6P	6P			H MRS. MILDRED L. HENKEL
MILLINGTON	5985	KENT	1	39 16	75 51	30	6P	6P			H LOUIS H. HOLLETT
NEW GERMANY	6408	GARRETT	5	39 38	79 07	2490	8A	8A		C	H MD. DEPT. FIRST + PARKS
OAKLAND 1 SE	6620	GARRETT	7	39 24	79 24	2430	SP	SP			H R. L. JESTER
OCEAN CITY	6665	WORCESTER	2	38 20	75 05	17	MID	MID			H U.S. COAST GUARD
DELAWARE											
OWINGS FERRY LANDING	6770	CALVERT	4	38 42	76 41	130	7P	7P			H THOMAS J. BOURNE
PARTON 2 SW	6844	BALTIMORE	1	39 38	76 42	600	11P	11P			H JOHN R. FOX
PERRY POINT	6980	CECIL	1	39 33	76 04	40					H VETERANS ADMINISTRATION
PICARDY	7010	ALLEGANY	5	39 33	78 50	1030	AP	AP			H POTOMAC HLND. ORCHARD
PIKESVILLE POL BRKS	7015	BALTIMORE	3	39 23	76 43	500	SP	SP			H MD. STATE POLICE
POCONO CITY 1 S	7140	WORCESTER	1	38 03	75 34	20	SP	SP			H RADIO STATION WDVN
PRESTON 1 S	7310	CAROLINE	1	38 42	75 55	50	6P	6P			H FRANKLIN D. MUSAUM
PRINCE FREDERICK	7325	CALVERT	1	38 52	76 35	140	SP	SP			H BOYD KING
PRINCESS ANNE	7350	SOMERSET	1	38 12	75 43	35	SP	SP			H TOWN OF PRINCESS ANNE
RANDALLSTOWN POL BRKS	7435	BALTIMORE	3	39 23	76 50	625	SP	SP			H MD. STATE POLICE
ROCK HALL 3 N	7700	KENT	1	39 11	76 14	20	6P	6P			H R. L. EMBREE
ROCKVILLE	7705	MONTGOMERY	5	39 05	77 09	436	AP	AP			H COUNTY POLICE
ROYAL OAK	7806	TALBOT	1	38 43	76 11	10	SP	SP			H J. L. SWAINE, JR.
SALISBURY	8006	WICOMICO	1	38 22	75 35	10	SP	SP			H CITY OF SALISBURY
SALISBURY POLICE BRKS	8003	WICOMICO	1	38 25	75 34	42	SP	SP			H MD. STATE POLICE
SALISBURY FAA AIRPORT	8005	WICOMICO	1	38 20	75 30	52	MID	MID			H FED. AVIATION AGENCY
SANDY POINT	8030	ANNE ARUNDEL	1	39 01	76 24	10	SP	SP			H G. W. PHILLIPS
SAVAGE RIVER DAM	8065	GARRETT	5	39 31	79 08	1495	8A	8A		C	H UPPER POTOMAC RVR. COMM.
SHALLMAR	8191	GARRETT	5	39 23	79 12	1700	8A	8A			H CLARENCE B. KIMBLE
SINES DEEP CREEK	8315	GARRETT	7	39 31	79 25	2036	MID	7A		C	H MERRILL C. CARGO
SNOW HILL	8380	WORCESTER	1	38 11	75 24	14	6P	6P			H FRED W. SEILING
SOLOMONS	8405	CALVERT	1	38 19	76 27	12	6P	6P			H CHESAPEAKE BIDL. LAB.
STEVENSVILLE 1 W	8557	QUEEN ANNES	1	38 59	76 20	10	SP	SP			H G. W. PHILLIPS
TAKOMA PARK MISS AVE	8725	MONTGOMERY	5	38 59	77 00	230	AP	AP			H O. L. HARVEY
TOMSON	8777	BALTIMORE	3	39 24	76 37	410	AP	AP			H BALTIMORE COUNTY JAIL
UNIONVILLE	9030	FREDERICK	5	39 27	77 11	430	6P	6P		C	H G. P. VON CIPP. JR.
UPPER MARLBORO 3 NNW	9070	PRINCE GEORGE	4	38 52	76 47	98	9A	9A		G	H TOBACCO EXP. FARM
VIENNA	9140	DORCHESTER	1	38 29	75 50	12	6P	6P			H ERN. SHORE PUB. SVC. CO.
VIERIS HILL	9187	MONTGOMERY	5	39 03	77 05	300	6P	6P			H JOHN L. BARRON
WALDORF POLICE BRKS	9195	CHARLES	5	38 39	76 53	210	SP	SP			H MD. STATE POLICE
WATERLOO POLICE BRKS	9314	HOWARD	3	39 10	76 47	230	SP	SP			H MD. STATE POLICE
WESTMINSTER	9405	ALLEGANY	5	39 29	79 03	1000	6P	6P			H NORRIS BRUCE
WESTMINSTER	9435	CARROLL	1	39 35	77 00	770	SP	7A			H H. J. MATHIAS
WILLIAMSPORT	9570	WASHINGTON	5	39 37	77 51	360	7A	7A			H HAGERSTOWN WTR. PLANT
WOODSTOCK	9750	BALTIMORE	3	39 20	76 52	415	6P	6P			H WOODSTOCK COLLEGE
DISTRICT OF COLUMBIA											
DALECARLIA RESERVOIR	2375		5	38 56	77 07	146	SP	5P			H CORPS OF ENGINEERS
NATIONAL ARBORETUM	6350		5	38 54	76 58	70	AP	AP			H U.S. NAT. ARBORETUM
U. S. SOLDIERS HOME	9035		5	38 56	77 01	230	MID	MID			H U.S. SOLDIERS HOME
WASHINGTON WB CITY	9290		5	38 54	77 03	72	MID	MID		C	H MJ U.S. WEATHER BUREAU
DELAWARE											
BRIDGEVILLE 1 NW	1330	SUSSEX	1	38 45	75 37	50	SP	5P			H WILLIAM RAY
DOVER	2730	KENT	2	39 09	75 31	25	AP	6P			H STATE HIGHWAY DEPT.
GEORGETOWN 5 SW	3570	SUSSEX	1	38 38	75 28	45	SP	5P		C	H UNIV. AGRI. EXP. STA.
LEWES 1 SW	3320	SUSSEX	2	38 46	75 09	20	6P	6P			H OTTO F. VOGL
MIDDLETOWN 2 S	5852	NEW CASTLE	2	39 25	75 42	60	SP	7A			H GREEN GIANT COMPANY
MILFORD	5915	SUSSEX	2	38 55	75 26	10	6P	6P			H JOHN E. BARCUS
NEWARK UNIVERSITY FARM	6410	NEW CASTLE	2	39 40	75 44	90	6P	6P		C	H UNIV. OF DELAWARE
SELBYVILLE	6269	SUSSEX	2	38 28	75 13	32	SP	5P			H W. W. LONG
WILMINGTON NCATTLE WB AP	9595	NEW CASTLE	2	39 40	75 36	73	MID	MID		C	H MJ U.S. WEATHER BUREAU
WILMINGTON PORTER RESV	9605	NEW CASTLE	2	39 46	75 52	274	MID	MID			H WATER DEPARTMENT

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

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.