

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

APRIL 1961

Volume 65 No. 4



MARYLAND AND DELAWARE - APRIL 1961
TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 93° on the 25th at Laurel 3 W, Md.

Lowest Temperature: 20° on the 3+ at Sines Deep Creek, Md. and on the
2nd at Bittering 2 NW, Md.

Greatest Total Precipitation: 7.35 inches at Edgemont, Md.

Least Total Precipitation: 2.18 inches at Lewes 1 SW, Del.

Greatest One-Day Precipitation: 2.41 inches on the 13th at Wilmington
Porter Resvr, Del.

Greatest Reported Total Snowfall: 26.5 inches at Frostburg, Md.

Greatest Reported Depth of Snow on Ground: 11 inches on the 13th at
Bittering 2 NW, Md.

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
APRIL 1961

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		
																		Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										90° or Above	32° or Below	0° or Below	0.01 or Below										
MARYLAND																							
SOUTHERN EASTERN SHORE																							
CRISFIELD HAMMOCK PT	59.6	45.5	52.6	- 4.2	78	25	34	9	376	0	0	0	0	2.41	- 1.23	.90	13	.0	0		5	1	0
POCOMOKE CITY 1 S	62.4	40.2	51.3		86	25	24	3	419	0	0	5	0	2.88		1.17	13	.0	0		5	2	1
PRINCESS ANNE	63.1	38.7	50.9		88	25	24	3	433	0	0	6	0	2.62		.97	13	.0	0		5	2	0
SALISBURY	62.8	42.0	52.4		87	25	30	21+	395	0	0	3	0	2.57	- .76	1.01	13	.0	0		6	2	1
SALISBURY POLICE BRKS	62.3	40.3	51.3		87	26+	26	21	427	0	0	5	0	2.88		.98	1	.0	0		4	4	0
SALISBURY FAA AIRPORT	60.5	41.5	51.0		88	25	30	21	431	0	0	4	0	2.37		.70	12	.0	0		7	2	0
SNOW HILL	62.7	40.8	51.8	- 2.0	88	25	27	21+	411	0	0	4	0	3.08	- .52	1.25	13	.0	0		5	2	1
DIVISION			51.6	- 2.9										2.69	- .75			.0					
CENTRAL EASTERN SHORE																							
BLACKWATER REFUGE	62.8	45.7	54.3		86	26+	35	3	351	0	0	0	0	3.79		1.39	13	.0	0		6	3	1
CAMBRIDGE 4 W	60.3	42.3	51.3		87	25	31	21	426	0	0	1	0	3.82		1.45	13	.0	0		6	3	1
EASTON AIRPORT	60.4	42.1	51.3	- 2.7	86	25	29	29	427	0	0	2	0			.0		.0					
PRESTON 1 S	60.7	41.6	51.2		86	25	32	21+	429	0	0	2	0	3.48		1.22	13	T	0		6	3	1
ROYAL OAK	62.1	43.3	52.7		88	25	34	21	384	0	0	0	0	3.46		1.33	13	T	0		6	3	1
VIENNA	62.3	41.8	52.1		87	25	32	21+	404	0	0	4	0	3.26		.93	13	.0	0		6	3	0
DIVISION			52.2	- 2.1										3.56	.12			T					
LOWER SOUTHERN																							
CHARLOTTE HALL 2 ESE	65.1M	39.4M	52.3M		87	25			394	0	0		0					.0	0				
LA PLATA 1 W	63.3	38.1	50.7		87	25	22	3	440	0	0	11	0	3.86		1.28	13	.0	0		6	3	2
LEONARDTOWN 3 NW	63.3	38.9	51.1		88	25	22	3	424	0	0	8	0	2.89		1.04	13	.0	0		6	2	1
OWINGS FERRY LANDING	61.6	40.5	51.1	- 3.7	87	25	29	3	436	0	0	3	0	4.94	1.37	2.12	13	.0	0		7	3	2
PRINCE FREDERICK	62.3M	38.7M	50.5M		88	25	26	3	442	0	0	10	0	3.09		1.41	13	.0	0		6	2	1
SOLOMONS	61.6	44.5	53.1	- 2.1	86	25	34	3	374	0	0	0	0	2.24	- 1.25	.71	13	.0	0		6	2	0
WALDORF POLICE BRKS	63.5	38.7	51.1		90	26	21	3	438	1	0	8	0	4.02		1.35	13	.0	0		5	3	2
DIVISION			51.4	- 3.4										3.51	- .04			.0					
UPPER SOUTHERN																							
ANNAPOLIS U S N ACADEMY	58.8	43.5	51.2	- 2.3	86	25	35	3	421	0	0	0	0	3.74	.33	1.54	13	.0	0		6	3	1
BALTIMORE WB AIRPORT	61.0	38.9	50.0	- 2.4	88	25	29	3+	457	0	0	7	0	4.45	.73	1.37	13	.0	0		8	3	1
BELTSVILLE	59.2	37.9	48.6		87	26	25	4	504	0	0	10	0	4.71		1.88	13	.0	0		5	3	3
BELTSVILLE PLANT STA 5	59.4	36.2	47.8		88	26	24	8+	520	0	0	12	0	4.32		1.85	13	T	0		6	3	2
COLLEGE PARK	62.0	39.9	51.0	- 3.1	88	26+	27	4	443	0	0	8	0	4.50	1.14	1.86	13	.0	0		6	3	2
DALECARLIA RESERVOIR DC	62.0	38.9	50.5		88	25	27	8	447	0	0	7	0	4.78		2.20	13	.0	0		6	3	2
FORT GEORGE G MEADE	61.4	39.0	50.2		87	25	27	4	463	0	0	9	0	4.63		1.82	13	T	0		7	3	2
GLENN DALE BELL STA	62.2	36.6	49.4	- 3.9	88	25	24	4	478	0	0	12	0	4.67	1.17	2.06	13	T	0		6	3	2
LAUREL 3 W	61.0	41.2	51.1		93	25	31	13	410	1	0	3	0	4.78		1.99	13	.0	0		6	3	2
NATIONAL ARBORETUM D C	62.7	41.0	51.9		88	25	31	4	411	0	0	1	0	4.28		1.81	13	.0	0		6	3	2
U S SOLDIERS HOME D C	60.6	37.7	49.2		87	25	27	4	481	0	0	5	0	4.11		1.42	13	.0	0		7	3	1
UPPER MARLBORO 3 NNW	60.0	37.5	48.8		89	26	23	12	495	0	0	8	0	4.80		1.87	13	.0	0		6	4	2
WASHINGTON WB CITY DC	61.0	43.7	52.4	- 2.3	89	25	34	13+	398	0	0	0	0	3.37	.17	1.23	13				7	2	1
DIVISION			50.2	- 3.5										4.40	.95			T					
NORTHERN EASTERN SHORE																							
CENTREVILLE	60.4	41.8	51.1		86	25	30	21	426	0	0	3	0	3.42		1.46	13	.0	0		6	3	1
CHESTERTOWN	60.8	40.5	50.7		87	25	32	4	433	0	0	1	0	3.25		1.27	13	T	0		8	2	1
COLEMAN 3 NNW	61.6	42.3	52.0	- 1.9	87	25	34	17	402	0	0	0	0	5.20	1.77	1.67	13	.0	0		8	4	2
MILLINGTON	60.5	38.4	49.5	- 4.2	88	25	28	4	471	0	0	8	0	3.78	.42	1.69	13	T	0		6	3	1
ROCK HALL 3 SE	58.9M	42.2M	50.6M	- 3.0	83	25	32	4	443	0	0	1	0	3.05	- .47	1.15	13	.0	0		7	3	1
DIVISION			50.8	- 3.1										3.74	.22			T					
NORTHERN CENTRAL																							
BALTIMORE WB CITY	60.7	44.0	52.4	- 1.9	89	25	35	4+	398	0	0	0	0	4.47	.75	1.03	10				8	3	1
BENSON POLICE BARRACKS	60.7M	36.1	48.4M		85	26+	25	3	517	0	0	13	0	7.33		2.34	13	.0	0		8	5	2
BOYDS 2 NW	59.0M	35.9M	47.5M		84	26	25	21	519	0	0	12	0			T		.0					
CONOWINGO DAM	58.5	39.2	48.9		86	25+	27	3	485	0	0	5	0	5.49		1.56	13	.0	0		9	4	2
CONOWINGO POLICE BRKS	60.1	39.1	49.6		85	25+	27	3	471	0	0	7	0			.0		.0					
EDGEWOOD ARSENAL	58.4	39.5	49.0		87	25	28	4	482	0	0	4	0	3.31		1.05	10	T	0		7	2	1
ELKTON	59.9	39.5	49.7	- 2.7	87	25	28	4	462	0	0	7	0	5.68	2.12	2.18	13	.0	0		9	3	2
EMMITSBURG 2 SE	59.1	36.9M	48.0M		82	25+	25	4	515	0	0	14	0	5.43		1.70	13	2.5	0		8	4	2
FREDERICK POLICE BRKS	60.3	38.3	49.3		83	24	27	8	470	0	0	11	0	4.30		1.02	10	T	0		9	4	1
FREDERICK WB AIRPORT	58.3	37.1	47.7	- 5.2	85	25	26	4	522	0	0	11	0	4.25	.75	.81	13	T	T	13	9	4	0
PARKTON 2 SW																							
PIKESVILLE POL BRKS	57.9	39.0	48.5		81	24	30	4+	476	0	0	6	0			T		.0					
ROCKVILLE	60.8	40.6	50.7		87	26	31	3	445	0	0	1	0	3.91		1.95	13	T	0		6	2	1
TAKOMA PARK MISS AVE	62.3	40.5	51.4		92	25	31	3	425	1	0	2	0	4.29		1.93	13	.0	0		7	2	1

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
APRIL 1961

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						
																		Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										90° or Above	32° or Below	32° or Below	6° or Below														
TOWSON	60.3	39.1	49.7		85	25	27	4	472	0	0	7	0	6.47	2.61	2.00	13	.0	0		8	5	2				
UNIONVILLE	58.7	35.8	47.3		83	25	22	4	531	0	0	12	0	5.17		1.25	13	.5	0		9	4	1				
WATERLOO POLICE BRKS	60.0	39.0	49.5		84	26+	28	4	470	0	0	9	0	4.05		1.63	13	.0	0		7	2	2				
WESTMINSTER	57.0	38.0	47.5	- 4.4	82	25	27	4	524	0	0	9	0	6.23	2.52	1.45	10	1.0	1	13	10	4	3				
WOODSTOCK	59.0	37.3M	48.2M	- 4.2	85	25	25	4	522	0	0	10	0	5.81	2.29	1.50	13	.0	0		8	6	2				
DIVISION			48.9	- 3.4										5.07	1.48			.3									
APPALACHIAN MOUNTAIN																											
BOONSBORO	58.2	37.4	47.8		84	25	27	8+	524	0	0	11	0	5.52		1.19	13	5.0	2	13	9	4	2				
CHEWSVILLE BRIDGEPORT	57.9	38.5	48.2	- 2.8	84	24	29	20+	511	0	0	8	0	3.84	.80	.85	26	2.5	0		8	3	0				
CUMBERLAND	56.8	38.2	47.5		84	24	29	30+	535	0	0	10	0	5.50		1.11	16	3.2	2	10	10	5	3				
CUMBERLAND POLICE BRKS	57.1	37.3	47.2		85	24	25	17	542	0	0	11	0					5.0	2	13							
FROSTBURG	53.6	34.3	44.0	- 5.4	79	24	23	2	626	0	0	15	0	6.68	3.18	1.25	10	26.5	10	13	13	5	2				
HAGERSTOWN	58.2	36.7	47.5		85	24	27	4	531	0	0	14	0	4.43		.98	13	4.0	7	13	11	3	0				
HANCOCK FRUIT LAB	57.0	35.9	46.5		85	25	25	4	558	0	0	11	0	5.57	2.50	1.52	13	2.5	2	13	7	5	2				
PICARDY	55.8	36.1	46.0		83	24	26	2	575	0	0	13	0	4.65	1.70	1.12	26	.0	0		10	4	1				
WESTERNPORT	58.0	36.2	47.1	- 5.6	85	24	25	12	537	0	0	12	0	5.04	1.68	.95	13	1.5	0		11	5	0				
DIVISION			46.9	- 4.9										5.15	1.91			5.6									
ALLEGHENY PLATEAU																											
BITTINGER 2 NW	47.2	31.7	39.5		75	24	20	2	759	0	1	22	0	6.47		.82	10	23.7	11	13	18	4	0				
OAKLAND 1 SE	50.8	32.0	41.4	- 5.6	77	24	21	4	701	0	1	22	0	5.60	1.44	.87	26	14.9	2	18+	15	3	0				
SAVAGE RIVER DAM	51.0	34.1	42.6		79	25	25	3+	666	0	0	17	0	5.38		1.03	26	6.2	3	10	11	4	1				
SINES DEEP CREEK	50.5	32.2	41.4	- 4.5	78	24	20	3+	701	0	0	20	0	6.60	2.40	.98	26	6.0	4	18	14	4	0				
DIVISION			41.2	- 5.0										6.01	1.99			12.7									
DELAWARE																											
NORTHERN																											
MIDDLETOWN 2 S	60.5	38.5	49.5		85	26+	29	9	470	0	0	7	0	5.39		2.09	13	.0	0		7	4	1				
NEWARK UNIVERSITY FARM	59.3	38.6	49.0		86	25	27	4	480	0	0	7	0	4.60		1.51	13	.0	0		9	3	1				
WILMGTON NCASTLE WB AP	58.7	39.0	48.9	- 2.9	85	25	29	4	486	0	0	4	0	4.88	1.24	2.26	13	7	0		8	2	1				
WILMINGTON PORTER RESVR	57.2	38.9	48.1		83	25	30	5+	506	0	0	5	0	5.51	1.78	2.41	13	.0	0		10	2	1				
DIVISION			48.9	- 3.1										5.10	1.53			T									
SOUTHERN																											
BRIDGEVILLE 1 NW	61.3	40.3	50.8	- 2.4	88	25	29	21	441	0	0	4	0	3.44	-.10	1.35	13	.0	0		6	2	1				
DOVER	61.5	40.4	51.0	- 2.7	88	25	28	3	436	0	0	3	0	4.72	1.16	1.80	13	.0	0		6	4	2				
GEORGETOWN 5 SW	62.0	39.7	50.9		88	25	27	21	439	0	0	6	0	3.15		1.41	13	.0	0		6	2	1				
LEWES 1 SW	60.4	40.4	50.4		89	25	30	3	451	0	0	5	0	2.18		.86	13	.0	0		5	2	0				
MILFORD 3 WNW	61.4	38.9	50.2		89	25	29	21+	462	0	0	9	0	3.88		1.41	13	.0	0		6	3	2				
SELBYVILLE	62.3	39.5	50.9		88	25	26	8	443	0	0	6	0	3.13		1.33	13	.0	0		5	2	2				
DIVISION			50.7	- 2.6										3.42	-.19			.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.	-	-	-	-	-	-	-	-	-	-	8	2	3	2	1	0	16	-	-
BALTIMORE WB AIRPORT, MD.	WNW	19	13.2	43	NW	26	71	73	46	53	7	4	5	2	1	0	19	76	5.8
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	3	3	5	4	0	0	15	-	-
WASHINGTON WB CITY, D. C.	WNW†	16†	11.3†	34†	WNW†	1†	67†	72†	46†	51†	10†	4†	4†	2†	1†	0†	21†	55†	6.2†
WILMINGTON NCASTLE WB AP, DEL.	WNW	18	11.9	43++	ENE	13	75	74	50	57	8	4	6	1	0	1	20	-	6.3

† Airport Data

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
APRIL 1961

Station	Total	Day of Month																															
		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	3.74	.02	T								.19	.65	.52	1.54			.33	T			T	T	T				.06		.43	T			
BALTIMORE WB AIRPORT R	4.45	.04	T								.38	.94	.67	1.37			.25	.01			T		T				.03	.23	T		.33	.05	
BALTIMORE WB CITY	4.47	.06									.42	1.03	.86	.92			.26	.26	.03							.09	.25		.27	.05			
BELTSVILLE	4.71	1.05										1.16	1.88				.08	.03									.18			.33			
BELTSVILLE PLANT STA 5	4.32	.73										1.10	1.85	T			.15							T			.20			.29			
BENSON POLICE BARRACKS	7.33	.91					.02			.01	1.53	.02	.08	2.34	.01		.56				.02			.21			.81		.39	.42			
BITTINGER 2 NW	6.47	.20	.15			.09	.09	.19	.15	.04	.39	.82	.15	.21	.61		.42	T	.42			.30	.20	.37		.52	.59	.02	.31	.23			
BLACKWATER REFUGE	3.79											.75	.06	1.39			.22									.08			.10	.37			
BOONSBORO	5.52	.48	T				.02	T		.15	1.13	T	.40	1.19			.57	T	T			.05	.02	.40		.05	.77		.22	.07			
BOYDS 2 NW	-	-					.06				1.05		1.15				.25							.18		.38		.34					
BRIGHTON DAM	5.46	.82	.01					.05			1.19	.03	1.92	.09			.21	.15			.01		.03	.14			.40		.41				
BROOKDALE	4.81	.41			T	T				.01	1.06	.47	1.87				.23					.01	T			.32	T		.37	.06			
BURNT MILLS RESERVOIR	5.40	.86									1.40		2.15	.05			.14	.07								.28							
CAMBRIDGE 4 W	3.82	.71									.74		1.45				.36									.02			.42				
CENTREVILLE	3.42	.76									.55	T	1.46				.16		.01	T						T		.26	.16				
CHARLOTTE HALL 2 ESE	-	-									.95		1.0	1.56							T						.29		.14	.20			
CHESTERTOWN	3.25	.06			T	T	T				.15	.52	.31	1.27			.13		.01	.09	T		.02	.05	T	T	.16	.33	.21				
CHEWESVILLE BRIDGEPORT	2.84	.30	T		T	T					.06	.80	.11	.75			.33	T				.02	.02	.25	T	.08	.85		.24	.03			
COLEMAN 3 NW	5.20	.70									1.02		.07	1.67			.24	.05	.02										.48	.18	.52		
COLLEGE PARK	4.50	.55									1.18		1.86				.15	.01	T							.28		.31	.06				
CONOWINGO DAM	5.49	.04					.04				.36	1.11	.30	1.56	T		.41	T	.02	.02	T		.20	.02	T	.30	.50		.58	.03			
CONOWINGO POLICE BRKS	-	.63									1.49		1.84				.74												.40	.58			
CRISFIELD HAMMOCK PT	2.41	.45									.18		.07	.90	.05		.13	.05					.07	.05	.05		.08	.07					
CUMBERLAND	5.50	.66	.04	T			T	T		.04	T	.69	.12	1.02	.14		1.11	.01	.05	.01	T		.15	.31		T	1.02		.11	.02			
CUMBERLAND POLICE BRKS	-	.48	.06						.05	T	.03	.52	.16	.28	.44																		
DALECARLIA RESERVOIR DC	4.78	.52									1.06		.09	2.20			.20						.02			.24		.35	.07				
EASTON AIRPORT	-	-									.52		.08	1.20			.35		.04									.18	.28				
EDGEWATER	7.35	.82						.04			2.15		1.76	.30			.48	.24									1.06			.36			
EDGEWOOD ARSENAL	3.31	.02								.01	1.05	.04	.83				.15												.36	.17			
ELKTON	5.68	.71				.02					1.21		.07	2.18			.35				.03			.16	T	.20	.38		.27	.13			
EMMITSBURG 2 SE	5.43	.64				.09					1.18		1.70				.34							.25		.35	.68		.20	T			
FORT GEORGE G HEADE	4.63	.54				.01					1.32	T	1.0	.82			.31										.18		.25	T			
FREDERICK POLICE BRKS	4.30	.52	.01				.06				.04	1.02	.12	.74			.25					.06	.02	.19		.06		.32	.17				
FREDERICK WB AIRPORT R	4.25	.04				.03	.02	T			.50	.64	.65	.81			.30			T		T				.35	.45		.33				
FREDERICK 3 E	4.92	.87	T				.11				1.07		1.28	T			.08	.24					.04	.10		.69		.44					
FROSTBURG	6.68	.45	.03			.01	.05	.05	.02	.20	1.25	.07	.50	1.10			.73	.02	.24			.21	.08	.42		.13	.83		.12	.17			
GLENN DALE BELL STA	4.67	.65									1.22	T	.07	2.06			.18									.19		.20	.08				
HAGERSTOWN	4.43	.40				.05					.10	.58	.16	.98			.48	T				.05		.25		.10	.88		.30	.10			
HANCOCK FRUIT LAB	5.57	.70									1.26		1.52				.21	.57					.08	.23		.05		.92		.29			
LA PLATA 1 W	3.86	.66								.05	1.24		1.17	1.28	T		.21			T	T					.05		.12	.08				
LAUREL 3 W	4.78	.75				.01					1.04		1.90	.05			.16	.02				.02						.40					
LEONARDTOWN 3 NW	2.89	.69									.05	.43		.05	1.04	.05		.22								.17	.50		.16	.18			
LOCH RAVEN DAM	4.87	.32									1.30		1.13				.02										.17	.50		.45	.13		
LUKE	5.47	.75					.01	T			1.37	T	1.25				.44	.08	.05				.10	.20		.95		.27					
MERRILL	5.62	.49	.12			.02	.15			.06	.96	.10	1.13	.02			.57	T	.10	.02				.25	.29		.93		.28	.13			
MILLINGTON	3.78	.10	T								.81		1.69				.10			.02						.04		.26		.76			
NATIONAL ARBORETUM D C	4.28	.66									1.08		1.81			.15											.18		.32	.09			
OAKLAND 1 SE	5.60	.26	.07			.03	.02	.18	.11	.32	.05	.70	.06	.20	.71	.04	.38	.02	.20			.33	.12	.41		.87		.32	.20				
OWINGS FERRY LANDING	4.94	.87									1.15		1.15	2.12			.28												.22	.15			
PARKTON 2 SW	4.98	.09	T			.03	.04				.34	.84	.27	1.26			.39		.03			.06	.21	.24	T	.22	.55		.41				
PICARDY	4.65	.28									.14	.67	.32	.73			.67				.19	.13	.06			.09	1.12		.25				
PIKESVILLE POL BRKS	-	.78									.37		1.0	1.78			-										.9	.46		.55	.20		
POCONOKE CITY 1 S	2.88	.75									.28	.03	.05	1.17			.18		.18										.03	.39			
PRESTON 1 S	3.98	.89								.06	.69		1.22				.10		.02										.15	.21			
PRINCE FREDERICK	3.09	.40									.78		2.5	1.41			.10				T												
PRINCESS ANNE	2.62	.76									.23		T	.97			.17	T	.05									.13		.26	.15	T	
ROCK HALL 3 SE	3.05	.60	T								.53	T	.06	1.15			.12	T	.05	T								.03		.30	.10		
ROCKVILLE	3.91	.46									.04		.08	1.95			.25																

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		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	50	49	53	52	61	54	55	53	49	51	55	50	48	62	69	63	60	51	57	54	59	68	70	82	86	72	55	59	55	63	58.8	
	MIN	40	37	35	37	38	45	41	36	38	42	43	39	38	44	45	46	41	42	42	40	41	54	58	56	62	48	47	48	42	40	43.5	
BALTIMORE WB AIRPORT	MAX	51	48	55	52	61	58	58	54	50	52	56	51	47	63	70	64	63	52	58	59	66	78	76	84	88	73	57	65	58	62	61.0	
	MIN	37	29	29	30	32	39	35	31	36	40	38	36	37	41	42	39	32	37	36	34	33	51	54	53	60	50	42	43	40	32	38.9	
BALTIMORE WB CITY	MAX	50	47	57	52	62	55	55	53	48	51	56	52	46	64	69	62	62	52	57	60	67	78	78	86	89	72	58	63	57	63	60.7	
	MIN	38	36	35	35	39	46	41	36	40	40	44	40	37	44	47	46	41	42	43	40	45	54	60	58	64	54	48	46	41	40	44.0	
BELTSVILLE	MAX	41	49	47	53	51	61	55	54	52	50	53	54	50	48	62	72	64	60	50	57	60	63	77	75	85	87	70	55	66	55	59.2	
	MIN	37	32	32	25	28	42	30	26	30	38	37	29	34	37	38	44	28	38	36	33	27	48	60	52	55	59	38	35	48	42	37.9	
BELTSVILLE PLANT STA 5	MAX	42	50	47	53	50	61	55	53	52	50	54	55	50	51	62	71	64	60	51	57	61	63	76	77	84	88	70	55	65	56	59.4	
	MIN	37	31	30	24	26	45	27	24	28	39	39	27	34	38	35	53	27	35	37	30	26	45	56	51	49	58	34	33	39	28	36.2	
BENSON POLICE BARRACKS	MAX	47	47	54	51		59		51	50	48	53	53	43	61	69	69	61	56	54	58	62	73	72	84	85	85	70	62	62	60	60.7	
	MIN	34	30	25	26	31	38	30	31	29	35	37	30	32	32	33	38	28	34	37	29	28	48	52	50	56	56	41	40	38	34	36.1	
BITTINGER 2 NW	MAX	33	31	42	33	52	40	38	41	33	38	42	36	33	50	58	52	40	35	45	58	55	66	65	75	71	56	56	50	39	54	47.2	
	MIN	28	20	21	24	27	31	28	25	27	30	28	28	29	32	38	31	26	26	30	31	34	44	42	53	56	44	31	33	29	24	31.7	
BLACKWATER REFUGE	MAX	54	53	53	53	62	62	56	54	53	56	56	57	50	64	67	71	68	56	58	57	60	74	80	81	86	86	72	62	58	64	62.8	
	MIN	40	41	35	39	40	50	43	39	36	44	45	37	41	45	49	58	42	44	44	41	36	55	61	58	67	66	48	44	40	44	45.7	
BOONSBORO	MAX	46	42	55	51	60	54	50	49	48	47	53	49	41	61	72	65	56	51	54	59	64	77	72	83	84	68	59	62	53	62	58.2	
	MIN	33	31	29	27	31	38	37	27	30	33	37	32	33	37	32	40	36	32	33	30	38	47	48	55	64	56	39	40	35	30	37.4	
BOYDS 2 NW	MAX	47	47	54	51	61	56	51	51	48	50	52	48	42	61	69	63	57	57				64	62	75	75	81		62	61	62	59.0	
	MIN	30	32	31	28	32	43	38	32	39	33	39	28	33	40	41	44	31	30				30	25	45	44	47		40	41	40	33	35.9
CAMBRIDGE 4 W	MAX	53	50	51	51	59	58	54	52	51	53	55	53	46	61	69	69	61	53	54	55	60	74	75	81	87	79	63	63	57	61	60.3	
	MIN	37	36	34	37	38	47	40	36	34	40	42	34	36	43	46	51	36	39	43	37	31	52	58	53	64	63	47	37	37	41	42.3	
CENTREVILLE	MAX	50	48	53	51	59	58	55	52	52	50	54	52	45	60	70	69	61	56	54	58	62	75	73	81	86	81	67	64	56	61	60.4	
	MIN	37	39	35	32	37	48	39	37	38	40	42	31	38	40	42	54	34	40	39	35	30	52	59	53	60	60	44	40	39	41	41.8	
CHARLOTTE HALL 2 ESE	MAX										50	57	56	56	45	64	72	70	62	58	57	56	63	78	78	83	87	82	72	66	58	63	65.1
	MIN										40	42	44	31	32	35	38	50	32	33	32	32	31	47	55	47	56	58	35	33	34	29	39.4
CHESTERTOWN	MAX	51	50	54	52	61	55	58	54	52	53	57	52	43	64	71	69	61	52	57	59	62	75	74	81	87	73	58	63	61	63	60.8	
	MIN	36	35	34	32	34	39	37	36	35	39	40	35	37	37	42	43	38	39	37	37	35	52	55	55	60	51	43	44	40	38	40.5	
CHEWSVILLE BRIDGEPORT	MAX	46	43	53	49	60	54	50	50	47	49	50	49	44	60	70	67	55	50	55	60	61	74	70	84	83	67	60	61	53	63	57.9	
	MIN	34	33	30	29	34	43	38	32	30	33	40	30	32	40	40	46	33	34	32	29	40	48	50	56	63	55	39	42	38	33	38.5	
COLEMAN 3 WNW	MAX	50	48	55	52	62	56	55	54	51	56	55	53	43	63	74	68	63	57	55	60	63	78	75	81	87	82	67	66	58	62	61.6	
	MIN	37	40	35	35	38	47	40	37	35	40	42	38	36	40	41	50	34	39	40	39	35	52	56	54	61	59	46	42	40	40	42.3	
COLLEGE PARK	MAX	48	47	54	52	62	62	54	53	49	54	55	54	46	63	72	64	60	59	58	61	63	78	78	85	88	88	68	65	56	64	62.0	
	MIN	38	35	35	27	30	48	32	31	32	39	42	31	35	43	40	54	30	41	40	35	29	48	60	55	59	61	40	37	40	33	39.9	
CONOWINGO DAM	MAX	49	45	54	52	58	53	54	50	49	49	53	50	43	60	64	64	60	50	53	60	62	71	71	86	86	70	59	63	57	61	58.5	
	MIN	36	35	27	32	37	42	34	36	31	38	38	32	33	38	32	39	32	37	41	35	33	50	53	52	53	52	46	43	42	39	39.2	
CONOWINGO POLICE BRKS	MAX	49	46	53	51	58	57	55	52	50	49	55	55	44	61	66	64	61	57	55	54	63	75	73	85	85	81	66	63	59	61	60.1	
	MIN	35	35	27	30	35	43	35	35	30	36	40	31	34	36	39	50	31	36	39	31	32	50	51	56	55	59	44	42	40	35	39.1	
CRISFIELD HAMMOCK PT	MAX	52	52	52	50	58	56	55	52	51	54	54	53	52	59	66	65	62	60	55	52	61	69	75	72	78	75	70	60	58	61	59.6	
	MIN	40	43	39	40	43	49	45	41	34	44	45	39	42	45	53	53	45	45	44	40	38	52	58	59	60	65	37	62	44	45	43.5	
CUMBERLAND	MAX	42	40	51	47	61	51	48	49	45	48	50	49	42	61	70	66	53	46	54	63	58	74	75	84	82	67	60	55	49	63	56.8	
	MIN	33	29	31	31	37	41	36	35	31	32	37	30	32	40	40	42	29	34	38	31	34	50	51	55	64	54	40	40	39	29	38.2	
CUMBERLAND POLICE BRKS	MAX	41	41	52	44	62	53	47	50	48	42	50	49	41	60	70	69	51	49	56	62	60	74	75	85	83	65	63	60	50	61	57.1	
	MIN	33	31	29	30	36	41	37	31	33	32	34	29	32	40	36	42	25	30	34	28	34	50	52									

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		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	
MILLINGTON	MAX MIN	50 35	45 38	53 32	53 28	55 32	49 44	55 32	52 34	54 29	45 35	55 42	54 30	45 35	62 36	65 38	70 40	60 32	60 38	50 35	58 30	65 33	75 50	74 54	78 54	88 51	83 58	75 43	68 40	60 38	60 35	60.5 38.4	
NATIONAL ARBORETUM D C	MAX MIN	50 35	49 37	54 33	51 31	62 62	62 37	55 54	53 36	53 33	55 55	54 33	53 41	46 30	63 43	73 41	70 53	60 39	62 33	59 40	61 37	64 38	79 50	79 59	83 55	88 62	85 58	68 41	56 42	63 38	61.7 42.0		
OAKLAND 1 SE	MAX MIN	39 29	31 22	45 24	42 21	53 31	43 32	38 30	43 29	34 28	40 30	45 31	42 25	34 30	55 33	66 32	59 40	42 27	44 27	46 29	58 24	56 30	66 48	67 46	77 52	73 49	76 46	60 32	55 34	41 31	55 24	50.8 32.0	
OWINGS FERRY LANDING	MAX MIN	53 37	51 36	51 29	50 31	62 35	58 44	55 35	54 32	50 34	55 39	55 40	53 33	45 34	63 40	73 42	61 52	57 34	58 38	56 37	63 34	77 51	77 60	83 52	87 64	85 60	64 42	64 40	58 37	63 36	61.6 40.5		
PARKTON 2 SW	MAX MIN	47 33	45 30	53 28	50 25	59 32	50 27	54 33	50 29	47 30	53 32	47 29	53 30	40 32	59 35	66 38	58 32	57 28	49 33	55 35	57 29	64 33	73 48	74 49	81 53	84 58	68 45	57 40	60 39	55 37	60 29	57.3 35.3	
PICARDY	MAX MIN	42 30	38 26	49 28	48 29	60 34	48 46	47 35	48 30	40 29	49 30	50 35	44 28	42 30	59 38	68 38	58 40	52 30	47 31	54 34	60 29	61 37	73 48	74 49	83 53	80 64	69 52	60 39	58 35	51 28	61 35	55.8 36.1	
PIKESVILLE POL BRKS	MAX MIN	45 34	45 36	54 30	52 30	58 33	58 40	50 31	50 31	50 33	42 36	50 36	50 35	40 32	50 33	58 42	41 32	60 42	64 50	50 36	58 34	60 37	74 50	73 55	81 55	79 61	74 58	64 42	64 38	52 34	61 34	57.9 39.0	
POCOMOKE CITY 1 S	MAX MIN	54 38	54 41	54 24	50 39	60 36	61 48	58 30	54 34	51 26	59 43	57 42	53 30	46 41	61 40	69 37	74 52	66 33	59 41	58 35	56 27	61 25	75 50	79 50	83 52	86 60	81 61	70 43	65 42	59 37	61 40	62.4 40.2	
PRESTON 1 S	MAX MIN	51 37	51 37	52 33	50 34	59 37	58 42	56 40	52 35	52 32	55 41	53 42	53 33	47 37	61 41	68 42	71 53	61 35	57 40	57 39	57 36	61 32	73 52	75 61	81 54	86 63	78 63	68 41	63 40	57 39	60 41	60.7 41.6	
PRINCE FREDERICK	MAX MIN	52 36	51 35	54 26	62 32	59 45	55 32	54 30	54 31	57 38	56 38	49 29	45 34	64 39	72 42	55 39	55 52	55 29	54 40	63 34	55 28	54 50	75 50	75 53	85 50	88 64	80 60	61 39	65 33	57 36	64 32	62.3 38.7	
PRINCESS ANNE	MAX MIN	53 36	55 37	53 24	51 35	60 34	61 46	59 35	56 32	57 26	56 39	57 39	56 30	45 38	62 38	69 37	73 51	68 33	62 41	59 36	58 25	61 49	74 49	79 49	83 50	88 57	81 63	70 40	66 38	59 36	62 36	63.1 38.7	
ROCK HALL 3 SE	MAX MIN	50 38	49 39	51 36	60 32	57 38	56 38	52 38	49 36	51 36	55 41	55 43	51 37	44 38	61 40	66 46	64 53	59 39	51 40	55 37	56 38	71 49	70 57	79 55	83 57	75 59	61 46	60 46	60 40	61 41	58.9 42.2		
ROCKVILLE	MAX MIN	47 37	46 34	55 31	53 33	60 33	59 45	52 37	52 34	51 35	51 38	54 41	53 35	48 33	61 41	70 43	70 49	62 34	58 38	56 39	60 35	64 36	68 47	77 56	83 63	86 64	87 59	66 41	62 41	54 35	60.8 40.6		
ROYAL OAK	MAX MIN	52 38	52 39	52 37	51 35	61 38	59 45	58 53	54 38	52 47	53 42	57 41	56 35	45 37	64 42	71 44	68 55	64 37	57 42	58 41	63 37	63 40	77 53	74 61	80 55	88 62	82 63	70 48	65 42	59 39	63 42	62.1 43.3	
SALISBURY	MAX MIN	54 38	54 36	52 30	49 37	59 36	60 47	56 36	54 36	54 32	56 42	56 43	54 34	51 40	62 39	71 42	73 54	67 36	61 42	59 40	58 39	61 30	73 53	79 55	82 52	87 64	75 64	72 44	65 42	60 38	61 39	62.8 42.0	
SALISBURY POLICE BRKS	MAX MIN	51 37	52 36	53 27	51 34	59 31	59 45	56 33	53 36	52 30	56 44	54 41	55 30	50 40	62 38	71 41	68 54	67 33	60 40	57 40	57 38	62 26	74 52	78 47	80 51	87 63	87 65	70 45	71 41	58 35	60 36	62.3 40.3	
SALISBURY FAA AIRPORT	MAX MIN	52 39	52 39	51 32	47 38	60 38	58 45	53 34	52 34	52 31	56 44	54 42	51 34	52 41	61 41	71 43	72 44	61 37	51 41	53 40	57 37	63 30	74 54	78 56	83 53	88 66	78 53	64 44	56 38	61 44	61 40	60.5 41.5	
SAVAGE RIVER DAM	MAX MIN	37 31	39 25	37 25	47 30	39 30	56 37	43 35	41 31	45 31	37 31	46 31	47 29	42 33	40 32	56 33	66 32	45 30	46 31	41 29	50 32	57 29	55 30	70 48	72 45	79 51	77 51	57 36	60 38	57 34	45 28	51.0 34.1	
SINES DEEP CREEK	MAX MIN	37 32	33 20	45 20	35 28	54 30	44 34	39 32	43 30	40 30	42 32	49 29	41 28	36 32	54 32	56 33	69 33	44 30	40 29	46 30	59 26	52 30	70 43	61 44	78 48	75 50	59 39	61 34	54 33	44 25	56 25	50.5 32.2	
SNOW HILL	MAX MIN	52 38	56 35	54 27	47 38	60 34	62 47	57 38	53 32	53 28	56 42	57 40	53 33	52 40	62 38	68 42	74 51	64 35	59 40	56 37	59 38	63 27	76 51	78 54	85 51	88 64	82 63	68 43	66 45	60 37	61 37	62.7 40.8	
SOLOMONS	MAX MIN	53 40	54 40	52 34	50 40	62 40	59 49	54 40	55 49	51 40	58 37	56 40	54 34	48 44	62 43	68 47	70 51	62 42	58 41	55 40	57 39	62 53	72 53	76 57	83 53	86 60	80 62	66 48	62 45	57 40	65 41	61.6 44.5	
TAKOMA PARK MISS AVE	MAX MIN	50 37	50 36	54 31	51 32	62 33	60 46	55 36	52 33	52 36	56 38	55 40	53 35	45 33	63 41	73 41	67 52	63 33	59 38	57 38	59 35	65 36	78 48	75 58	84 54	92 60	85 60	67 42	67 41	57 38	63 34	62.3 40.5	
TOWSON	MAX MIN	47 35	47 36	53 30	54 27	60 31	59 44	53 34	52 31	51 33	50 36	55 40	52 30	45 33	60 33	67 44	67 49	60 34	57 36	55 37	58 31	64 30	74 50	75 55	82 55	85 64	83 59	65 42	62 41	56 38	60 34	60.3 39.1	
UNIONVILLE	MAX MIN	46 35	44 34	55 25	50 22	61 26	56 36	53 33	50 31	49 28	50 34	54 40	51 28	44 32	61 39	71 48	60 43	58 37	52 35	56 30	63 29	76 46	71 47	82 51	83 53	68 56	59 44	63 39	55 38	61 38	58.7 35.8		
U S SOLDIERS HOME D C	MAX MIN	52 37	51 33	53 30	51 27	63 31	57 36	55 30	54 36	52 33	55 35	56 36	50 36	46 28	62 38	71 42	65 41	62 36	54 35	58 36	59 34	62 49	71 59	78 53	82 54	87 58	73 50	55 34	63 34	57 35	63 34	60.6 37.0	
UPPER MARLBORO 3 NW	MAX MIN	42 36	50 37	49 37	53 26	62 30	59 43	56 33	55 32	53 30	51 38	50 23	55 23	40 33	48 35	63 38	72 46	67 30	62 37	53 36	57 34	59 27	65 47	78 55	77 51	84 60	89 58	72 37	55 35	65 37	67 34	61.0 37.5	
VIENNA	MAX MIN	54 38	53 38	54 32	55 32	61 36	61 47	58 35	55 32	52 36	55 42	57 47	51 31	50 38	62 46	68 53	72 54	62 38	56 42	59 30	60 32	74 53	79 58	83 54	87 61	80 62	85 43	65 40	60 35	62 38	63 40	62.3 41.8	
WALDORF POLICE BRKS	MAX MIN	54 38	51 33	54 21	51 30	65 33	63 45	56 29	54 30	53 23	58 40	54 41	55 31	45 35	66 36	74 41	71 54	62 34	59 36	54 38	65 32	81 53	80 49	85 58	89 57	90 61	73 40	58 36	58 39	66 31	63.5 38.7		
WASHINGTON WB CITY DC	MAX MIN	50 38	47 38	53 38	52 36	64 38	55 46	53 40	53 37	52 40																							

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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	
LEWES 1 SW	MAX	50	52	54	50	58	58	56	51	48	57	55	50	52	62	62	75	60	52	52	55	66	75	68	85	89	78	62	60	60	60	60.4	
	MIN	40	32	30	36	34	40	34	35	38	38	32	32	40	37	42	48	34	37	39	36	32	50	56	50	63	62	48	45	36	37	40.4	
MIDDLETOWN 2 S	MAX	50	48	52	53	56	56	55	54	53	50	53	54	48	59	61	70	60	59	54	58	64	74	74	81	85	85	71	62	57	59	60.5	
	MIN	37	35	34	30	31	42	34	33	29	39	42	31	33	31	36	46	32	38	36	33	32	52	55	53	57	53	43	38	34	35	38.5	
MILFORD 3 WNW	MAX	50	48	52	52	53	56	54	51	54	54	54	52	52	60	71	70	66	59	55	57	63	76	74	83	89	85	69	66	58	60	61.4	
	MIN	37	32	31	32	34	39	37	34	30	38	41	31	29	31	39	40	32	39	41	35	29	52	59	52	63	61	42	38	34	35	38.9	
NEWARK UNIVERSITY FARM	MAX	48	45	52	53	56	54	59	50	53	48	52	52	45	60	66	66	61	56	56	61	64	74	72	82	86	70	60	61	58	59	59.3	
	MIN	35	36	30	27	34	43	34	34	28	37	41	30	35	35	37	49	29	38	38	31	29	51	54	52	53	59	42	39	41	38	38.6	
SELBYVILLE	MAX	50	52	55	49	59	58	55	53	53	58	55	54	53	61	68	74	69	56	55	58	63	75	79	82	88	86	70	63	58	60	62.3	
	MIN	37	34	29	37	35	35	35	26	31	32	45	33	38	37	38	51	32	36	37	36	29	48	57	51	66	61	40	46	36	37	39.5	
WILMGTON NCASTLE WB AP	MAX	48	46	53	52	55	55	55	51	51	49	53	52	46	60	66	63	61	50	56	59	64	73	70	81	85	71	58	60	59	60	58.7	
	MIN	37	32	32	29	35	37	33	33	34	39	37	32	36	36	42	41	35	39	35	35	35	51	55	54	55	50	41	41	41	38	39.0	
WILMINGTON PORTER RESVR	MAX	46	44	52	50	54	54	52	50	53	47	51	52	43	58	59	63	59	50	54	58	63	71	68	80	83	70	58	61	56	58	57.2	
	MIN	36	33	32	30	30	39	34	34	32	31	35	37	34	38	42	40	35	38	37	35	36	52	54	54	54	49	42	44	42	39	38.9	

EVAPORATION AND WIND

Station		Day of month																														Total or Avg.
		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
SAVAGE RIVER DAM, MD.	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.19	.23	.27	.30	.17	.17	.11	-
	WIND	231	93	126	88	108	108	115	122	94	190	154	86	156	130	37	142	87	98	119	59	57	70	85	48	94	90	153	91	152	110	3293
	MAX MIN	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	53	54	60	58	43	51	39	34	-

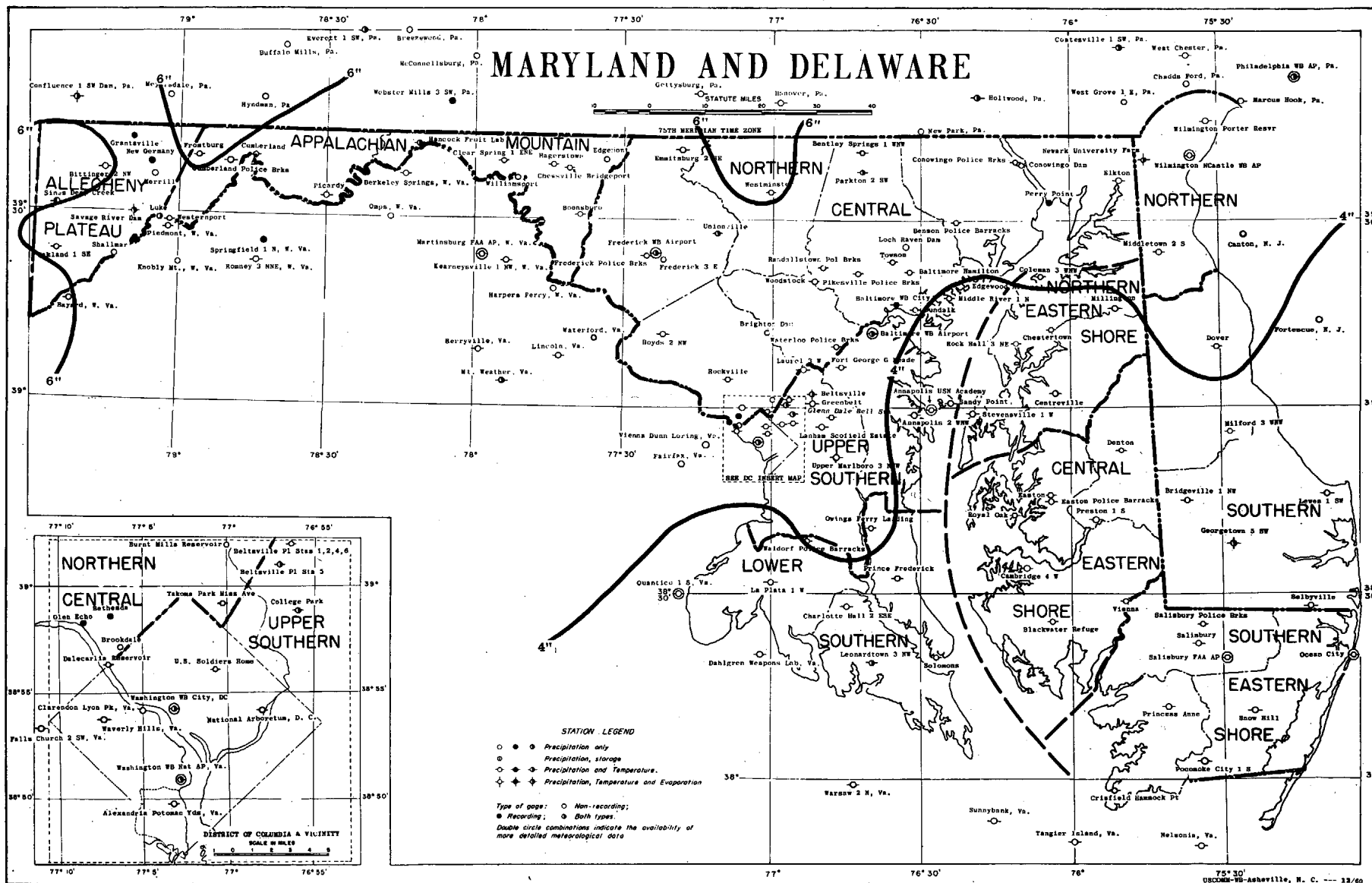
See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
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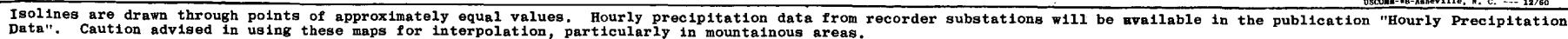
Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																																
BITTINGER 2 NW	SNOWFALL SN ON GND	2.0 2	1	T	.8 1		T	1.5 1		4.2 4	.3 4	3	2.3 5	6.8 11	6	T	T	T	3.8 4	T										T T	2.0	
BROOKDALE	SNOWFALL SN ON GND										T			T																		
CHESTERTOWN	SNOWFALL SN ON GND													T					T													
CUMBERLAND	SNOWFALL SN ON GND	T	T	T		T					2.1 2			1.1 1																	T	
EMMITSBURG 2 SE	SNOWFALL SN ON GND										.5			2.0																		
FORT GEORGE G MEADE	SNOWFALL SN ON GND													T																		
FREDERICK WB AIRPORT	SNOWFALL SN ON GND													T T																		
GLENN DALE BELL STA	SNOWFALL SN ON GND													T																		
HAGERSTOWN	SNOWFALL SN ON GND													4.0 T																		
HANCOCK FRUIT LAB	SNOWFALL SN ON GND										.5 T			2.0 2																		
MILLINGTON	SNOWFALL SN ON GND		T																													
OAKLAND 1 SE	SNOWFALL SN ON GND	2.0			T T			T	1.5	.4	T	.5	.5 T	4.0 2					4.0 2												2.0	
PARKTON 2 SW	SNOWFALL SN ON GND		T							T T	T			1.5					T													
PRESTON 1 S	SNOWFALL SN ON GND													T																		
ROYAL OAK	SNOWFALL SN ON GND													T																		
SAVAGE RIVER DAM	SNOWFALL SN ON GND	1.8 2	T T							T T	2.5 3			1.9 2				T T														
UNIONVILLE	SNOWFALL SN ON GND													.5																		
WESTMINSTER	SNOWFALL SN ON GND													1.0 1																		
DELAWARE																																
WILMINGTON NCASTLE WB AP	SNOWFALL SN ON GND WTR EQUIV													T																		

See reference notes following Station Index.



TOTAL PRECIPITATION

MARYLAND AND DELAWARE
APRIL 1961



STATION INDEX

MARYLAND AND DELAWARE
APRIL 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
							TEMP.	PRECIP.	WIND	SPECIAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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1-CHESAPEAKE; 2-COASTAL; 3-PATAPSCO; 4-PATUXENT; 5-POTOMAC; 6-SUSQUEHANNA; 7-YOUGHIOWENY

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 "Extremes Table"; "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 "Supplemental Data" Table; "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.
- 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.