

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

JULY 1971

Volume 75 No. 7

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										90° or More Above	80° or More Above	70° or More Above	60° or More Above					Total	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
MARYLAND																								
* * *																								
SOUTHERN EASTERN SHORE 01																								
ASSATEAGUE STATE PARK	82.3	67.1	74.7		92	8	50	29	0	1	0	0	0	3.17		2.05	11		.0	0		6	4	2
CRISFIELD SOMERS COVE																								
POCOMOKE CITY	87.3	67.1	77.2		93	8	53	4	0	9	0	0	0	4.46		3.25	7		.0	0		6	1	1
PRINCESS ANNE	86.3	64.4	75.4		91	10+	50	4	0	5	0	0	0	3.08		.81	2		.0	0		7	3	0
SALISBURY	85.6	66.5	76.1		91	8	56	3+	0	2	0	0	0	4.83	.44	1.32	19		.0	0		7	3	2
SALISBURY FAA AIRPORT	85.2	66.3	75.8		93	8	52	4	0	4	0	0	0	5.85		1.25	6		.0	0		9	7	1
SNOW HILL 4 N	84.1	64.3	74.2	-2.5	94	8	50	4	1	1	0	0	0	4.93	-.19	1.40	11		.0	0		8	4	2
DIVISION																								
* * *																								
CENTRAL EASTERN SHORE 02																								
BLACKWATER REFUGE	86.5	64.2	75.4		92	10+	50	6	0	7	0	0	0	3.56		1.97	30		.0	0		6	1	1
CAMBRIDGE 4 W	87.2	65.4	76.3		94	8	51	5	0	9	0	0	0	2.30		.74	30		.0	0		6	2	0
DENTON 1 NNW	88.8	64.1	76.5		96	8	51	5	0	14	0	0	0	2.45		.68	31+		.0	0		6	2	0
EASTON POLICE BARRACKS	88.2	65.5	76.9	-.4	93	9+	53	5	0	12	0	0	0	3.28	-1.46	1.09	30		.0	0		6	2	1
PRESTON 1 S	88.0	64.2	76.1		96	7	52	5	0	11	0	0	0	2.50		1.63	30		.0	0		4	1	1
ROYAL OAK	86.9	66.1	76.5		93	8	52	5	0	5	0	0	0	3.46		1.38	30		.0	0		9	2	1
VIENNA	88.3	66.2	77.3		98	10	57	23+	0	12	0	0	0	3.61		1.52	19		.0	0		4	3	1
DIVISION																								
* * *																								
LOWER SOUTHERN 03																								
CHARLOTTE HALL 2 SE	86.7	63.8	75.3		91	10+	53	5	0	7	0	0	0	4.42		.90	19		.0	0		10	3	0
LA PLATA 1 W	85.7M	63.8M	74.8M		92	8	50	5	0	6	0	0	0	3.79		1.32	6		.0	0		7	3	1
LEONARDTOWN 3 NW	85.3	62.1	75.2		95	23	46	5	0	13	0	0	0	4.37		1.13	6		.0	0		7	5	1
OWINGS FERRY LANDING	86.2	63.3	74.8	-2.1	94	8	53	5	0	8	0	0	0	2.75	-1.52	.99	30		.0	0		6	2	0
PRINCE FREDERICK 1 N	86.3	64.0	75.2		93	8	50	5	0	6	0	0	0	2.23		.47	30		.0	0		6	0	0
SOLOMONS	87.4	70.5	79.0	.2	96	9	62	12	0	9	0	0	0	2.60	-2.97	.45	11		.0	0		8	0	0
WALDORF POLICE BRKS	87.3	63.3	75.3		94	8	50	5	0	9	0	0	0	3.24		.95	11		.0	0		9	2	0
DIVISION																								
* * *																								
UPPER SOUTHERN 04																								
ANNAPOLIS USN ACADEMY	86.0	68.7	77.4		92	18+	61	24	0	6	0	0	0	4.38					.0	0				
BALTIMORE WSD	87.0	65.9	76.5	-.3	96	8	56	5	0	10	0	0	0	4.03	-.19	1.10	26		.0	0		6	4	2
BELTSVILLE	85.2	62.3	73.8		92	10+	51	6+	2	6	0	0	0	5.05		1.75	30		.0	0		7	3	2
BELTSVILLE PLANT STA 5	85.4	63.0	74.2		93	9	52	5	0	8	0	0	0	4.50		1.50	30		.0	0		8	2	2
COLLEGE PARK	88.3	65.2	76.8	.0	96	8	56	22+	0	11	0	0	0	4.91	.77	1.75	2		.0	0				
DALECARLIA RESVR D C	87.3	65.2	76.3		94	9+	57	21+	0	8	0	0	0	5.05		2.05	29		.0	0		11	2	1
FORT GEORGE G HEADE	86.5	63.0	74.8		94	8	52	5	0	8	0	0	0	5.35		1.95	30		.0	0		10	5	1
GLENN DALE BELL STA	86.4	62.5	74.5	-1.4	93	9+	50	5	0	9	0	0	0	6.84	1.82	1.90	2		.0	0		9	5	2
LAUREL 3 W	86.0	66.4	76.2		93	9	58	12+	0	7	0	0	0	5.53		2.10	2		.0	0		9	4	2
NATIONAL ARBORETUM D C	87.3	65.3	76.3		92	8	53	5	0	8	0	0	0	5.00		1.19	31		.0	0		10	3	2
SUITLAND	85.0	65.2	75.1		91	9	54	5	0	4	0	0	0	3.76		1.02	31		.0	0		8	2	1
U. S. SOLDIERS HOME DC	86.4	67.3	76.9		94	8	58	5	0	8	0	0	0	4.48		1.30	29		.0	0		9	4	2
UPPER MARLBORO 3 NNW	85.9	63.1	74.5		94	9	50	5	0	8	0	0	0	3.94		1.20	31		.0	0		9	3	1
DIVISION																								
* * *																								
NORTHERN EASTERN SHORE 05																								
CENTREVILLE	86.4	63.7	75.1		93	8	48	5	0	6	0	0	0	2.48		.56	30		.0	0		9	1	0
CHEYERTOWN	85.9	63.9	74.9		93	8	51	5	0	5	0	0	0	3.14		1.38	30		.0	0		10	1	1
COLEMAN 3 NNW	88.5	65.1	76.8	-.7	95	26	52	5	0	12	0	0	0	5.28	.99	1.45	30		.0	0		7	4	1
EASTERN NECK ISLAND	85.8	68.5	77.2		92	8	56	5	0	2	0	0	0	4.67		2.34	31		.0	0		7	3	1
MILLINGTON	87.4	61.0	74.2	-2.2	96	8	46	5	1	12	0	0	0	4.37	.13	2.22	31		.0	0		5	3	2
DIVISION																								
* * *																								
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	85.0	64.9	75.0		93	8	53	5	0	4	0	0	0	3.08		1.69	30		.0	0		10	3	2
BALTIMORE CITY WSD	87.2	70.6	78.9	-.2	97	8	62	12	0	6	0	0	0	3.53	-.86	1.10	29		.0	0		10	3	2
BENSON POLICE BARRACKS	86.2	63.1	74.7		94	9+	51	5	0	6	0	0	0	4.72		2.58	30		.0	0		10	3	2
BOYDS 2 NW	84.4	63.1	73.8		91	8	55	12+	0	1	0	0	0	6.25		2.72	2		.0	0		7	3	2
CATOCTIN MOUNTAIN PARK	79.8	61.8	70.8		87	8	52	5+	1	0	0	0	0	2.16		.52	11		.0	0		7	1	0
CLARKSVILLE 3 NNE	84.7	60.8	72.8		92	9+	48	5	0	2	0	0	0	6.27		2.52	2		.0	0		8	4	2
CONOWINGO DAM	85.8	63.2	74.5		95	8	51	3	0	7	0	0	0	5.08		2.36	30		.0	0		8	4	1
ELKTON	86.3	60.5	73.4	-2.8	95	8	46	22	0	6	0	0	0	4.79	.44	2.80	30		.0	0		8	2	2
EMMITSBURG 2 SE	85.8	59.3	72.6		94	8	48	21+	0	5	0	0	0	1.73		.55	31		.0	0		8	2	0
FREDERICK WFND																								
PARKTON 2 SW	81.9	60.6	71.3		91	8	49	5	2	1	0	0	0	5.16		2.24	30		.0	0		8	3	1
ROCKVILLE 4 NE	86.7	59.9	73.3		94	9+	49	22+	0	8	0	0	0	3.35		1.68	30		.0	0		6	1	1

See Reference Notes Following Station Index

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
JULY 1971

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										31° or Above	32° or Above	31° or Below	32° or Below										
TOWSON	85.5	66.3	75.9		92	8	56	5	0	4	0	0	0	4.78	.61	1.48	30	.0	0		7	3	2
UNIONVILLE	83.7	59.4	71.6		93	8	49	21+	0	1	0	0	0	4.54		1.39	30+	.0	0		7	2	2
WESTMINSTER 2 SSE	83.5	61.9	72.7	- 2.2	92	8	49	5	0	0	0	0	0	5.04	.70	3.04	30	.0	0		7	3	1
WHEATON REGIONAL PARK	83.4	63.1	73.3		92	8	52	5	0	0	0	0	0	4.20		1.57	30	.0	0		8	3	1
WOODSTOCK																							
DIVISION			73.6	- 1.8									4.38	.09				.0					
* * * APPALACHIAN MOUNTAIN 07																							
BOONSBORO	84.2	63.3	73.8		91	8	52	12+	0	4	0	0	0	1.39		.23	11	.0	0		7	0	0
CHEWSVILLE BRIDGEPORT	85.5	59.9	72.7	- 1.7	92	10+	48	21	0	0	0	0	0	1.77	- 1.83	.45	11	.0	0		6	0	0
CUMBERLAND	87.4	57.3	72.4		95	23+	48	3	0	11	0	0	0	2.14		.72	12	.0	0		7	2	0
CUMBERLAND POLICE BRKS	85.5	58.2	71.9		93	10+	49	4	0	0	0	0	0	2.56		.48	11	.0	0		6	0	0
FROSTBURG	80.7	56.3	68.6	- 2.7	87	9+	47	21	3	0	0	0	0	3.11	- .60	.82	11	.0	0		9	1	0
HAGERSTOWN	86.0	62.4	74.2		94	8	52	21+	0	6	0	0	0	2.38		.58	24	.0	0		7	1	0
HANCOCK FRUIT LAB	83.8	58.6	71.2		91	9+	47	4	8	2	0	0	0	4.37	.85	2.14	31	.0	0		6	3	1
PICARDY	84.6	59.5	72.1		93	9	48	4	1	0	0	0	0	2.72		1.21	31	.0	0		6	2	1
WESTERNPORT UPRC	85.1	59.7	72.4		93	9	49	21+	0	3	0	0	0	2.38		.50	31	.0	0		9	1	0
DIVISION			72.1	- 2.1									2.54	- 1.12				.0					
* * * ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	73.0	54.8	63.9		81	8	44	17	60	0	0	0	0	6.56		1.42	14	.0	0		10	6	3
MCHENRY 2 NW	75.6	55.8	65.7		89	8	49	12	30	0	0	0	0	5.84		1.93	31	.0	0		11	3	1
OAKLAND 1 SE	76.3	54.1	65.2	- 2.8	84	23+	41	3	33	0	0	0	0	3.79	- 1.05	.77	19	.0	0		9	3	0
SAVAGE RIVER DAM	79.1	56.3	67.7		88	9	48	22+	17	0	0	0	0	3.31		1.02	10	.0	0		9	2	1
DIVISION			65.6	- 2.3									4.88	.31				.0					
DELAWARE																							
* * * NORTHERN 01																							
MIDDLETOWN 1 NSW	87.2	63.1	75.2		95	8	52	5	0	9	0	0	0	4.04		1.31	30	.0	0		6	3	2
NEWARK UNIVERSITY FARM	87.3	63.3	75.3		96	8	51	3	0	10	0	0	0	4.21		2.68	30	.0	0		4	2	1
WILMINGTON CASTLE WSD	86.0	65.8	75.9	- .1	95	8	52	5	0	9	0	0	0	3.65	- .60	2.53	30	.0	0		5	1	1
WILMINGTON PORTER RESVR	84.8	63.8	74.3		95	8	56	21+	0	3	0	0	0	2.45	- 2.02	1.72	30	.0	0		4	1	1
DIVISION			75.2	- .8									3.59	- .78				.0					
* * * SOUTHERN 02																							
BRIDGEVILLE 1 NW	86.6	63.8	75.2	- 1.0	94	8	50	5	0	5	0	0	0	2.87	- 2.19	1.30	30	.0	0		5	2	1
DDVER	87.3	63.3	75.4	- 1.7	93	9+	53	6+	0	14	0	0	0	2.59	- 2.08	1.03	30	.0	0		5	2	1
GEORGETOWN 5 SW	85.0	64.2	74.6		95	19	50	5	0	3	0	0	0	4.29		1.77	30	.0	0		5	3	2
LEWES 1 SW	84.1	65.0	74.6		99	1	54	5+	1	1	0	0	0	4.69		1.00	2	.0	0		9	4	1
MILFORD 2 NSW	87.3	64.4	75.9		97	8	49	5	0	11	0	0	0	2.90		1.62	30	.0	0		4	2	1
SELBYVILLE																							
DIVISION			75.1	- 1.5									3.47	- 1.37				.0					

TEMPERATURE AND PRECIPITATION EXTREMES

- HIGHEST TEMPERATURE: 98° ON THE 10TH AT VIENNA, MD.
- LOWEST TEMPERATURE: 41° ON THE 3D AT OAKLAND 1 SE, MD.
- GREATEST TOTAL PRECIPITATION: 6.84 INCHES AT GLENN DALE BELL STA., MD.
- LEAST TOTAL PRECIPITATION: 1.39 INCHES AT BOONSBORO, MD.
- GREATEST ONE-DAY PRECIPITATION: 3.25 INCHES ON THE 7TH AT POCOMOKE CITY, MD.

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JULY 1971

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																																			
* * * SOUTHERN EASTERN SHORE 01																																			
ASSATEGUE STATE PARK	5.17		.66				.51			T	2.05	.10							1.34	T														.48	
CRISFIELD SUMERS COVE	4.46		.36				3.25	.11			.23	.06							.22	.02					T			.01	T	.08	.10				
PRINCESS ANNE	3.08		.81				.52				.40	.12							.68									.01		.04	.38	.12			
SALISBURY	4.83		.70				.48				.46	.03							1.32								.47	.01	.09	1.15	.12				
SALISBURY FAA AIRPORT	5.85	T	.53			1.23				.86									.99					.19	.18	T	.18	T	.59	.59	.67				
SNOW HILL 4 N	4.93		.65				.30			T	1.40	.17							1.07					T	.26			.52	.07	.49					
* * * CENTRAL EASTERN SHORE 02																																			
BLACKWATER REFUGE	3.56		.47				.36			T		.12							.40									.05	.02		1.97	.17			
CAMBRIDGE 4 W	2.30	T	.71				.17			T		.03	.02						.28			.03					.02	.02		.10	.01	.74	.17		
DENTON 1 NNW	2.45		.35				.57				.10								.71								.16				.58	.68			
EASTON POLICE BARRACKS	3.28		.41				.40				.07								.42	.01							.71			1.09	.17				
PRESTON 1 S	2.50		.43				.10												T	.28										1.63	.06				
ROYAL DAK	3.46		.16				.26				.19	.17							.05	.17							.42			.11	.05	1.38	.50		
VIENNA	3.61		.81				.09													1.52									.15	.05	.95	.09			
* * * LOWER SOUTHERN 03																																			
CHARLOTTE HALL 2 SE	4.42		.45				.60				.40	.45							.12	.90									.23	.05	.10	.30	.80		
LA PLATA 1 W	3.79	T	.01			1.32	.04		.19	.20	.37	.07							.38									T	.02	.59	.53	.07			
LEONARDTOWN 3 NW	4.37		.75			1.13	.50				.01	.85							.71			T								.39	.10				
DRINGS FERRY LANDING	2.75	.05	.15				.27				.01	.03					.02	.74	.25							T	.13		.05	.99	.05				
PRINCE FREDERICK 1 N	2.23		.30				.40				.07	.02							.04	.45	T								.32	.02	.47	.14			
SOLDHONS	2.60		.40				.20				.45								.20									.30	T	.40	.30	.35			
WALDORF POLICE BRKS	3.24	.27	.17				.74				.01	.95							.25	.25									.15	.35	.10				
* * * UPPER SOUTHERN 04																																			
ANNAPOLIS USN ACADEMY	4.38	.05	.23				.83	.20			.05							.02	.09	.10									.21	.65	.14	*	1.87		
BALTIMORE WSD	4.03	.59	T				.01	T			.09								T	.19								.14	.02	1.10	.73	.10			
BELTSVILLE	5.05		1.09				.33				.03								.01	.02	.13							.40	.04	.38	.07	1.75	.83		
BELTSVILLE PLANT STA 5	4.30		1.13				.10				.03								.03	.03	.20							.40	.10	.42	.11	.90	.35		
COLLEGE PARK	4.91		1.73				.08	.05			.02	.08							.12	.22	.00	.02							.01	.04	.53	.01	1.68		
DALECARLIA RESVR D C	5.05		.62				.30	.07	.12		.12	.02							.46	.15	.10							.36	.38	2.05	.24	.68			
FORT GEORGE 2 HEADE	5.35	.28	.62				.04	.06			.10								.53	.15	.05							.20	.34	.73	.19	.50			
GLENN DALE BELL STA	5.34	.30	1.90				.71				.01								.25	.26	.06							.36	.93	.06	.98	1.12			
LAUREL 3 W	5.33		2.10				.61				.10								.21	.10	.13							.25	.55	.06	.98	1.12			
NATIONAL ARBURETUM D C	5.00	T	.30				.83	.11	.05	.31									.24	.19	T							.31	.33	.02	1.12	1.19			
SUITLAND	3.76		.24				.02	.23	.49	.06									.23	.49	.06								.23	.03	.45	1.02			
U. S. SOLDIERS HOME DC	4.68	.32	T				.33	.02	.66	.02	.55	.02	T					.64	.03	.14							.22	.23	.46	.60	1.30	1.05	T		
UPPER MARLBOR 3 NNW	3.94		.23				.26	.04			.04								.55	.31	.05								.19	T	.36	1.20			
* * * NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	2.48	.24					.33				.18	.11							.21	.12												.56	.26		
CHESTERTOWN	3.14	.05	.03				.33				.44								.37	T	.08							.04	.19	.04	T	.20	1.38	.03	
COLEMAN 3 NNW	5.28		.35			1.08					.98							.03	.12	.14	T							.05	.05	.04	T	1.45	1.04		
EASTERN NECK ISLAND	4.67		.36				.34				.12								.02	.07								.10	.50	T	.82	2.24			
MILLINGTON	4.37		.08				.17				.38								.08	.02									.11		1.11	2.22			
* * * NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	5.08	.02	.17								1.00	.07							T	.25	.10								.03	T	T	.05	1.69		
BALTIMORE CITY WSD	3.53	.10									.13								.19	.16								.10	.14	.55	1.10	.90			
SENSON POLICE BARRACKS	5.72		1.21				.12				.40								.24	.24									.02	.92	2.38	.23			
BOYDS 2 NW	6.25	.13	2.72				.16				.16								.51	.16									.14	.23	2.05	.33			
BRIGHTON DAM	4.92		2.07				.03												.16	.16									.33	.18	.04	1.27	.81		
BROOKDALE	5.05		.02				.04	.14	.28	.09	.12								.46	.04	.03	.11						.32	T	.43	T	2.38	.36	.23	
CATOCCTIN MOUNTAIN PARK	2.16	.09					.06				.32								.15	.15								.37	.08	.16	.17	.44			
CLARKSVILLE 3 NNE	6.27	.42	2.52				.03				.11	.01							.18	T								.53	.03	.64	.01	1.34	.24		
CONCHINGDAM	5.08	.70	.07	.04							.02								.23	.23								T	T	T	.02	.66	2.36	.06	
EKTON	4.79		.06								.17	.39							.26	.26										2.80	1.17				
EMHITSBURG 2 SE	1.73	T	.04								.50								.17	.17								.03	T		.24	.20	.55		
FREDERICK WFD	4.50		.44								.27								.15	.41	.03								.10		2.74	.26			
FREDERICK 3 E	4.01		.85								.35								.28	.28									.05	.05	.60	1.53	.33		
LOCH RAVEN DAM	5.18	.26				.11		.48			.56								.10	T	.70							.04	.01	.08	.78	2.24			
POTOMAC FILTER PLANT	2.48		.13				.02				.01	.03							.11	.26	.25									.50		.95	.26		
ROCKVILLE 4 NE	3.35	.03	.44			.36					.04								.12	.03	.05								.32	.09	T	1.68	.15		
TOWSON	4.78	T	1.10								.39	.01							.39	.28	T								.08	T	.63	T	1.48	.40	
UNIDENVILLE	4.54	.31									.33								.39	.39										.05	T	1.39	1.39	.26	
WESTMINSTER 2 SSE	5.04		.51								.04	.02	.20						.18	.03	.20	.16							.07	T	3.04	.62			
WHEATON REGIONAL PARK	4.20	.34	.82				T	.05												.10	.20								.33	.01	.50	T	1.57	.28	
WOODSTOCK																																			
* * * APPALACHIAN MOUNTAIN 07																																			
BOONSBORO	1.39	.01					T				.23	.02								.19	T							.10	.06	.11	T	.21	.18	.20	
CHEWSVILLE BRIDGEPORT	1.77		T																																

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
JULY 1971

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	
DELAWARE																																	
* * * * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	4.04		.17							1.22	.42	.04			.03					.14											1.31	.71	
NEWARK UNIVERSITY FARM	4.21		.06							.02	.38									.20											2.68	.86	
WILMINGTON CASTLE WSD	3.65	T	.01								.24			.01						.16										.18	2.53	.46	
WILMINGTON PORTER RESVR	2.45		.01	.11						.01	.33										.06									.03	1.72	.18	
* * * * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	2.87		.56					.20																								1.30	.04
DOVER	2.39		.39				.08				.09										.16											1.05	.21
GEORGETOWN 5 SW	4.29		.02	.75			.12				.07										1.44											1.77	
LEWES 1 SW	4.09		.01	1.00			.19				.12										.34										.86	.32	.06
MILFORD 2 WSW	2.90			.26							.32										.08											1.62	.04
SELBYVILLE	-																																

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages-percent				Number of days with precipitation						Percent of Possible sunshine	Average sky cover sunrise to sunset	
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time				Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
							EASTERN												
							01	07	13	19									
BALTIMORE WSO MD	24	2.1	7.4	33	SW	26	79	80	49	60	6	3	2	2	2	0	15	68	5.7
WILMINGTON CASTLE WSD DEL	24	2.3	8.1	21++	17	13	81	76	50	60	8	2	4	0	0	1	15	-	5.6

SPECIAL WEATHER SUMMARY

Monthly temperatures averaged mostly near normal to 3° below normal. Daily temperatures during the middle of the month, specifically between the 11th and the 23d, were on the cool side. Monthly rainfall ranged from 6 inches and over in parts of Garrett, Montgomery, Howard, and Prince Georges Counties to less than 2 inches in eastern Washington County. It was also a dry month in parts of southern Maryland, Central Eastern Shore, and central Delaware where most of the monthly total was received during the last days of the month. July cloudiness, as

reported by the area's three National Weather Service first-order stations, was near normal.

The month's severe storms included two tornadoes, one in Garret County on the 13th and the other in Queen Annes County on the 30th. Also on the 30th, just an hour before the tornado struck in Queen Annes County, a waterspout was seen, moving along South River toward the Chesapeake Bay. For further details on these and other storms, see NOAA Publications, STORM DATA.

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TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1970 - 1971

MARYLAND AND DELAWARE

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
MARYLAND														
* * *														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE STATE PARK	SNOWFALL						.7	5.6		T				6.3
	1 IN ON GD							4	4					8
CRISFIELD SOMERS COVE	SNOWFALL						1.5	6.5	T	4.5				12.5
	1 IN ON GD						1	4		1				6
POCOMOKE CITY	SNOWFALL					-	-	5.8	1.2	3.0				-
	1 IN ON GD					-	-	4	3	1				-
PRINCESS ANNE	SNOWFALL						4.0	5.8	1.0	4.0				14.8
	1 IN ON GD						3	4	2	2				11
SALISBURY	SNOWFALL						3.0	3.8	T	1.5				8.3
	1 IN ON GD						5	2		2				9
SALISBURY FAA AIRPORT	SNOWFALL						1.9	3.0	1.0	3.0				8.9
	1 IN ON GD						3	2	4	1				10
SNOW HILL 4 N	SNOWFALL						2.5	6.0	1.5	5.3				15.3
	1 IN ON GD						3	4	4	1				12
* * *														
CENTRAL EASTERN SHORE 02														
BLACKWATER REFUGE	SNOWFALL						2.0	5.9	1.5	3.0				12.4
	1 IN ON GD							-	2	2				-
CAMBRIDGE 4 W	SNOWFALL						2.0	7.5	2.0	5.5	T			17.0
	1 IN ON GD							5	2	1				8
DENTON 1 WNW	SNOWFALL						.5	5.4	T	T				5.9
	1 IN ON GD						1	5						6
EASTON POLICE BARRACKS	SNOWFALL						-	-	.5	2.0				-
	1 IN ON GD							4	1	1				-
PRESTON 1 S	SNOWFALL						2.0	7.0	1.3	3.0	3.0			16.5
	1 IN ON GD						1	6	1	1				9
ROYAL OAK	SNOWFALL						1.0	5.8	2.3	2.5	T			11.6
	1 IN ON GD							4		1				5
VIENNA	SNOWFALL						5.0	2.2	1.5	2.9				11.6
	1 IN ON GD						4	3	1	1				9
* * *														
LOWER SOUTHERN 03														
CHARLOTTE HALL 2 SE	SNOWFALL						T	3.0	T	4.5				7.5
	1 IN ON GD							4		1				5
LA PLATA 1 W	SNOWFALL						1.1	7.3	.5	5.3	T			14.2
	1 IN ON GD							5		1				6
LEONARDTOWN 3 NW	SNOWFALL						.3	6.0	1.0	2.0				9.3
	1 IN ON GD							-	1	1				-
OWINGS FERRY LANDING	SNOWFALL						T	6.5	T	3.0	T			9.5
	1 IN ON GD							4		1				5
PRINCE FREDERICK 1 N	SNOWFALL						1.0	7.3	1.0	5.5				14.8
	1 IN ON GD							5	1	1				7
SOLOMONS	SNOWFALL						.5	-	1.0	7.0				-
	1 IN ON GD							-	1	1				-
WALDORF POLICE BRKS	SNOWFALL						T	7.0	.2	2.0				9.2
	1 IN ON GD							2		1				3

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1970 - 1971

MARYLAND AND DELAWARE

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
MARYLAND														
* * *														
UPPER SOUTHERN 04														
ANNAPOLIS USN ACADEMY	SNOWFALL	-	-	-	-	-	-	6.0	.5	T	T			-
	1 IN ON GD	-	-	-	-	-	-	4	1					-
ANNAPOLIS	SNOWFALL						.9	-	-	-	-			-
	1 IN ON GD						1	-	-	-	-			-
BALTIMORE WSD	SNOWFALL						6.3	4.1	.6	2.0	T			13.0
	1 IN ON GD							5		1				6
BELTSVILLE	SNOWFALL						2.5	10.0	1.0	T				13.5
	1 IN ON GD							6						6
BELTSVILLE PLANT STA 5	SNOWFALL						2.5	13.0	.5	2.0	T			19.0
	1 IN ON GD						1	7		2				10
COLLEGE PARK	SNOWFALL						2.0	8.0	T	1.0				11.0
	1 IN ON GD						1	6						7
DALECARLIA RESVR D C	SNOWFALL						2.0	9.5	T	1.0	T			12.5
	1 IN ON GD						1	-		1				-
FORT GEORGE G MEADE	SNOWFALL						.5	8.0	.5	1.0	T			10.0
	1 IN ON GD							11						11
GLENN DALE BELL STA	SNOWFALL						2.5	6.0	.5	T	T			9.0
	1 IN ON GD						1	6						7
LAUREL 3 W	SNOWFALL									T				-
	1 IN ON GD													-
NATIONAL ARBORETUM D C	SNOWFALL						2.0	8.3	.8	2.3				13.4
	1 IN ON GD						2	-	1	1				-
SUITLAND	SNOWFALL							6.0		1.1				7.1
	1 IN ON GD							7						7
U. S. SOLDIERS HOME DC	SNOWFALL						5.0	2.0	.5	.5	T			8.0
	1 IN ON GD						1	4	1					6
UPPER MARLBORO 3 NNW	SNOWFALL					T	.3	7.0	.5	.7	T			8.5
	1 IN ON GD							12	1	1				14
* * *														
NORTHERN EASTERN SHORE 05														
CENTREVILLE	SNOWFALL						8.0	6.0	1.5	2.0	1.0			18.5
	1 IN ON GD						3	6	2					11
CHESTERTOWN	SNOWFALL						7.5	2.8	.3	1.5	T			12.1
	1 IN ON GD						3	4						7
COLEMAN 3 WNW	SNOWFALL						1.0	-	T	T				-
	1 IN ON GD						1	-						-
EASTERN NECK ISLAND	SNOWFALL						1.5	6.0	T	.5				8.0
	1 IN ON GD						1	4		1				6
MILLINGTON	SNOWFALL						.5	9.0	T	2.0	.5			12.0
	1 IN ON GD						1	4		1				6
* * *														
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	SNOWFALL						1.0	-						-
	1 IN ON GD						1	4						5
BALTIMORE CITY WSD	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-
	1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
BENSON POLICE BARRACKS	SNOWFALL						.3	10.0	.5	1.0				11.8
	1 IN ON GD							5	1	1				7

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1970 - 1971

MARYLAND AND DELAWARE

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
MARYLAND														
BOYDS 2 NW	SNOWFALL 1 IN ON GD						1.0 8	16.0 8	.5 1	2.5 2	2.0			22.0 11
BRIGHTON DAM	SNOWFALL 1 IN ON GD						- 10	7.3 10	T	2.0 2				-
BROOKDALE	SNOWFALL 1 IN ON GD						5.0 1	7.0 13	1.0 1	3.5 2	T			16.5 17
CATOCTIN MOUNTAIN PARK	SNOWFALL 1 IN ON GD						5.6 9	18.2 31	4.5 26	11.0 10	5.0 2			44.3 78
CLARKSVILLE 3 NNE	SNOWFALL 1 IN ON GD						4.0 3	11.5 13	.8 1	4.0 2	T			20.3 19
CONOWINGO DAM	SNOWFALL 1 IN ON GD						7.0 2	5.0 5	.5 1	1.0				13.5 8
ELKTON	SNOWFALL 1 IN ON GD						1.3 5	8.7	T	T	T			10.0 5
EMMITSBURG 2 SE	SNOWFALL 1 IN ON GD						8.0 6	12.5 31	2.0 11	11.5 3	2.0			36.0 51
FREDERICK WFMD	SNOWFALL 1 IN ON GD				T		- 13	13.1 13	.5	1.5 2	1.5			-
FREDERICK 3 E	SNOWFALL 1 IN ON GD						1.0	19.0	2.0	5.0	2.0			29.0
LOCH RAVEN DAM	SNOWFALL 1 IN ON GD						1.5 1	10.0	.3	4.5	T			16.3
PARKTON 2 SW	SNOWFALL 1 IN ON GD						10.7 4	5.8 11	.5	8.0 2	5.0 1			30.0 18
POTOMAC FILTER PLANT	SNOWFALL 1 IN ON GD						-	-	-	1.0				-
ROCKVILLE 4 NE	SNOWFALL 1 IN ON GD						1.0	8.2 21	1.5 2	1.0 1	.5			12.2 24
TOWSON	SNOWFALL 1 IN ON GD						1.8 1	6.5 4	.5	2.0 1	T			10.8 6
UNIONVILLE	SNOWFALL 1 IN ON GD						3.9 2	9.3 18	.6	4.5 1	T			18.3 21
WESTMINSTER 2 SSE	SNOWFALL 1 IN ON GD						4.0 4	13.0 6	1.5	6.0 3	4.0 1			28.5 14
WHEATON REGIONAL PARK	SNOWFALL 1 IN ON GD						1.3 1	8.1 16	.7 2	2.0				12.1 19
WOODSTOCK	SNOWFALL 1 IN ON GD		-	-	-	-	-	-	-	-	-	-	-	-
* * *														
APPALACHIAN MOUNTAIN 07														
BOUNSBORO	SNOWFALL 1 IN ON GD						2.0 2	20.5 26	4.3 5	6.5 3	4.0			37.3 36
CHEWSVILLE BRIDGEPORT	SNOWFALL 1 IN ON GD						4.0 3	15.5 18	4.0 3	5.0 2	3.0			31.5 26
CUMBERLAND	SNOWFALL 1 IN ON GD						4.0 3	27.5 23	9.0 8	10.0 6	1.0 1			51.5 41
CUMBERLAND POLICE BRKS	SNOWFALL 1 IN ON GD						4.5 3	20.0 22	7.0 12	10.0 4	1.0			42.5 41
EDGEMONT	SNOWFALL 1 IN ON GD						- 31	17.0 31	2.0 17	4.0 4				-
FROSTBURG	SNOWFALL 1 IN ON GD				T	T	18.5 12	19.8 31	13.1 20	23.0 16	5.5 2	T		79.9 81

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1970 - 1971

MARYLAND AND DELAWARE

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	
MARYLAND															
HAGERSTOWN	SNOWFALL						3.0	16.8	2.5	4.0	T			26.3	
	1 IN ON GD						2	29	6	2				39	
HANCOCK FRUIT LAB	SNOWFALL						4.5	21.8	5.1	6.9	1.5			39.8	
	1 IN ON GD						2	31	18	4				55	
PICARDY	SNOWFALL						6.2	23.0	12.0	11.0	1.0			53.2	
	1 IN ON GD						3	31	10	2	1			47	
WESTERNPORT UPPC	SNOWFALL					T	7.0	22.5	8.0	5.0	T			42.5	
	1 IN ON GD						4	15	8	3				30	
WILLIAMSPORT	SNOWFALL						1.4	17.7	-	-	-	-	-	-	
	1 IN ON GD						-	-	-	-	-	-	-	-	
* * *															
ALLEGHENY PLATEAU 06															
BITTINGER 2 NW	SNOWFALL				T	3.3	31.3	34.7	19.7	41.8	8.3	T		139.1	
	1 IN ON GD					2	17	31	26	22	2			100	
MCHENRY 2 NW	SNOWFALL	-	-	-	-	1.0	18.0	33.5	18.0	36.0	6.0	T		-	
	1 IN ON GD					4	13	31	23	23	2			-	
MERRILL	SNOWFALL						11.9	24.4	13.4	16.1	6.0			71.8	
	1 IN ON GD						9	28	13	13	1			64	
OAKLAND 1 SE	SNOWFALL					1.7	21.5	31.9	12.9	25.4	7.7	.5		101.6	
	1 IN ON GD					1	10	25	14	13	2			65	
SAVAGE RIVER DAM	SNOWFALL						4.0	-	9.0	10.0	3.0			-	
	1 IN ON GD						7	31	19	9	2			68	
DELAWARE															
* * *															
NORTHERN 01															
MIDDLETOWN 1 WSW	SNOWFALL						1.5	4.5	T					6.0	
	1 IN ON GD						-	-						-	
NEWARK UNIVERSITY FARM	SNOWFALL						T	7.0	T	T				7.0	
	1 IN ON GD						-	-						-	
WILMGTON INCASTLE WSD	SNOWFALL						3.2	5.8	.2	2.4	.6			12.2	
	1 IN ON GD							6		1				7	
WILMGTON PORTER RESVR	SNOWFALL						T	7.3	T	1.8	.7			9.8	
	1 IN ON GD						-	-		1				-	
* * *															
SOUTHERN 02															
BRIDGEVILLE 1 NW	SNOWFALL					T	1.0	7.5	1.0	2.5				12.0	
	1 IN ON GD						4	6	4	1				15	
DOVER	SNOWFALL						1.3	4.5	T	.5	T			6.3	
	1 IN ON GD						1	4		1				6	
GEORGETOWN 5 SW	SNOWFALL						4.0	3.5	T	1.5				9.0	
	1 IN ON GD						6	4		1				11	
LEWES 1 SW	SNOWFALL						2.5	3.2	.2	2.3				8.2	
	1 IN ON GD						5	3	1	1				10	
MILFORD 2 WSW	SNOWFALL						3.0	5.5	1.0	T	T			9.5	
	1 IN ON GD						1	4						5	
SELBYVILLE	SNOWFALL		-	-	-	-	-	-	-	-	-	-	-	-	
	1 IN ON GD														

See Reference Notes Following Station Index

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JULY 1971

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																																				
* * *																																				
SOUTHERN EASTERN SHORE 01																																				
ASSATEAGUE STATE PARK	MAX MIN	84 64	80 68	78 67	75 66	80 66	86 63	82 67	92 71	85 73	84 72	78 65	78 61	79 69	89 71	87 67	81 69	87 72	87 71	82 69	83 72	76 63	78 64	78 65	85 71	86 73	84 71	83 70	85 70	80 71	82 50	83 61	80 58	82.3 67.1		
CRISFIELD SOMERS COVE	MAX MIN																																			
PODCUNKE CITY	MAX MIN	92 75	89 70	81 62	78 53	87 56	89 66	93 67	92 67	89 67	83 68	82 59	83 59	90 69	88 62	85 62	91 69	89 65	89 65	92 70	87 72	84 62	82 58	82 58	87 69	91 74	90 74	90 75	85 69	89 72	89 74	89 73	89 73	87 74	87 73	87.3 67.1
PRINCESS ANNE	MAX MIN	89 75	85 69	82 61	80 50	85 51	87 61	89 68	91 63	89 62	91 68	86 66	82 58	82 55	88 68	84 57	86 58	90 65	88 65	90 70	83 72	81 57	83 54	84 54	86 65	89 70	88 73	90 75	85 67	89 73	87 71	86 71	86 71	86 71	86.3 64.4	
SALISBURY	MAX MIN	89 75	88 69	81 62	79 56	84 56	86 65	87 68	91 68	89 68	89 71	87 65	82 59	82 60	89 69	86 59	86 60	88 69	86 63	86 70	90 71	84 72	81 61	83 58	80 60	85 62	88 70	88 73	89 71	89 73	87 71	85 73	89 72	89 73	85 72	85.6 66.5
SALISBURY FAA AIRPORT	MAX MIN	90 76	81 67	79 58	79 52	83 54	88 66	88 67	91 67	89 70	79 64	80 60	81 58	89 66	84 59	87 63	90 63	84 72	84 72	89 75	83 64	77 60	81 58	81 58	86 69	89 72	88 76	88 72	88 71	88 71	88 71	87 71	87 71	87 71	85.2 66.3	
SNOW HILL 4 N	MAX MIN	88 74	84 69	81 61	78 50	82 52	85 61	86 67	94 63	87 62	87 69	81 64	79 58	80 55	86 66	82 58	82 57	88 65	85 65	89 69	83 70	78 59	80 57	79 58	85 67	89 70	86 72	85 73	81 67	84 69	86 71	86 71	86 71	86 71	84.1 64.3	
* * *																																				
CENTRAL EASTERN SHORE 02																																				
BLACKWATER REFUGE	MAX MIN	89 77	90 71	83 64	84 52	85 51	87 50	90 66	92 65	92 71	81 67	82 59	83 59	88 56	88 60	85 62	91 69	87 63	87 63	80 70	81 72	81 59	85 55	85 61	88 58	91 73	89 63	88 62	87 66	85 73	83 62	83 62	84 72	84 72	86.5 64.2	
CAMBRIDGE 4 W	MAX MIN	92 76	86 73	83 64	84 52	85 51	90 60	91 67	94 66	91 66	81 67	84 61	84 57	89 72	86 59	87 63	91 63	87 63	87 63	89 63	83 70	82 73	82 58	87 55	85 58	88 58	91 73	90 72	88 75	88 65	87 71	85 71	84 74	84 74	87.2 65.4	
DENTON 1 WNW	MAX MIN	92 75	85 71	81 58	83 54	88 51	93 60	94 65	96 67	93 72	89 64	87 60	88 56	88 56	87 58	90 65	95 65	89 70	83 68	85 68	85 55	89 55	86 59	86 59	91 71	90 72	92 72	89 61	90 72	85 61	86 70	86 73	86 73	86.8 64.1		
EASTON POLICE BARRACKS	MAX MIN	92 70	82 70	83 60	84 54	88 53	92 63	91 69	93 70	91 72	83 65	82 57	87 57	89 71	87 58	89 68	91 68	91 68	89 68	85 70	85 69	88 60	86 60	90 60	90 71	89 73	89 73	89 66	89 71	85 71	86 71	86 74	86 74	86.2 65.5		
PRESTON 1 S	MAX MIN	92 73	86 70	82 59	83 54	87 52	92 62	96 64	95 62	93 62	87 65	84 56	85 54	90 69	87 58	88 61	91 67	87 67	84 67	83 58	88 55	84 59	84 59	89 60	91 71	91 69	89 74	89 65	89 74	85 69	85 70	85 73	85 73	88.0 64.2		
ROYAL OAK	MAX MIN	90 76	86 72	84 61	87 56	85 52	89 63	90 68	93 66	89 71	88 66	84 58	84 62	88 72	84 59	87 63	89 63	84 66	84 66	87 69	82 71	84 56	84 56	87 61	88 60	89 72	89 74	88 73	90 64	87 74	83 73	85 74	85 73	86.9 66.1		
VIENNA	MAX MIN	92 77	92 70	84 62	83 59	85 57	89 58	92 57	95 68	92 72	85 67	85 58	85 58	89 72	87 62	87 62	89 69	87 69	84 69	84 69	84 61	86 58	85 57	87 62	87 62	84 62	84 62	87 62	86 60	87 62	86 62	86 62	86 62	86 62	88.3 66.2	
* * *																																				
LOWER SOUTHERN 03																																				
CHARLOTTE HALL 2 SE	MAX MIN	87 71	86 65	83 58	85 59	86 53	90 56	89 67	91 65	91 65	89 71	82 67	82 59	81 60	88 56	86 59	87 64	90 67	90 66	90 68	82 68	81 70	81 56	87 56	86 60	86 58	89 60	89 71	88 68	87 64	86 71	84 71	85 73	85 73	86.7 63.8	
LA PLATA 1 W	MAX MIN	90 74	84 70	78 57	85 55	85 50	91 63	88 64	92 63	91 69	88 63	82 57	83 61	85 68	86 59	88 65	85 65	88 68	85 65	84 66	80 67	80 57	86 55	87 55	88 61	88 59	88 68	88 68	88 68	88 68	88 68	88 68	88 68	88 68	85.7 63.8	
LEDNARDTOWN 3 NW	MAX MIN	92 72	87 67	83 57	85 55	87 46	91 57	90 62	94 60	93 67	87 65	82 56	85 56	88 59	87 52	90 59	91 68	89 62	89 62	82 57	82 60	82 60	85 56	95 56	88 62	90 64	92 64	87 64	87 62	87 62	87 62	87 62	87 62	87 62	88.3 62.1	
DWINGS FERRY LANDING	MAX MIN	91 71	83 69	83 58	81 56	84 53	90 64	90 65	93 68	93 68	88 63	81 55	85 65	89 69	84 58	89 63	84 63	84 63	84 63	84 63	81 65	81 65	84 56	84 56	88 60	88 55	89 67	88 70	88 69	87 60	87 69	84 69	84 70	83 70	83 70	86.2 63.3
PRINCE FREDERICK 1 N	MAX MIN	92 74	87 71	82 59	80 53	82 50	90 60	88 66	92 62	90 69	86 62	81 57	84 57	89 64	87 54	88 68	89 68	87 68	87 68	87 68	81 68	79 56	82 56	84 55	87 55	89 61	89 70	88 71	88 68	85 71	86 72	86 72	86 72	86 72	86.4 64.0	
SOLOMONS	MAX MIN	94 75	87 72	86 65	83 70	85 63	92 72	91 70	94 69	96 72	92 77	82 62	84 62	83 68	88 72	86 67	87 67	92 73	85 72	85 72	87 72	86 66	83 66	81 68	90 68	88 77	91 77	86 73	86 73	86 73	86 73	86 73	86 73	86 73	87.4 70.5	
WALDORF POLICE BRKS	MAX MIN	91 71	87 71	86 60	86 54	86 50	91 63	91 65	94 62	93 67	89 71	83 67	86 56	88 58	88 58	90 65	90 65	88 68	88 68	88 68	81 68	81 65	81 65	86 55	86 55	89 68	89 68	89 68	89 68	89 68	89 68	89 68	89 68	89 68	89.3 63.9	
* * *																																				
UPPER SOUTHERN 04																																				
ANNAPOLIS USN ACADEMY	MAX MIN	92 76	85 72	82 65	82 63	83 62	89 70	89 68	90 70	91 69	88 74	85 70	81 63	81 69	86 71	86 66	83 69	92 67	92 67	87 67	84 70	81 63	84 63	84 63	84 61	85 71	91 75	85 72	87 70	86 75	83 73	83 70	89 70	89 70	86.0 68.7	
BALTIMORE WSO	MAX MIN	91 72	85 69	81 60	83 60	85 56	91 64	92 68	93 72	93 61	73 63	83 61	85 59	88 69	88 61	88 64	83 68	83 68	83 68	83 68	83 68	84 68	84 58	86 63	86 61	90 71	94 73	85 71	86 67	88 71	88 71	88 71	88 71	88 71	87.0 65.9	
BELTSVILLE	MAX MIN	90 74	89 69	82 54	80 54	80 51	85 61	90 67	88 61	92 66	92 66	88 66	81 59	84 69	85 61	89 64	90 64	84 64	84 64	84 64	84 64	80 64	80 54	86 57	86 57	86 64	87 64	87 64	91 67	84 62	83 67	85 69	82 70	82 70	85.2 62.3	
BELTSVILLE PLANT STA 5	MAX MIN	90 75	90 70	84 56	80 50	81 52	86 58	90 66	91 62	93 66	92 71	90 67	73 56	81 58	83 66	85 57	88 64	88 64	88 64	83 69	83 69	80 54	81 54	86 58	86 58	87 69	87 71	89 67	88 64	88 68	88 66	88 70	88 70	88 70	88.4 63.0	
COLLEGE PARK	MAX MIN	92 76	90 72	85 58	84 59	87 57	94 65	91 66	94 71	94 71	89 66	83 66	86 62	88 66	88 61	91 68	93 66	90 66	90 66	85 69	83 66	83 66	86 57	86 57	88 66	88 66	89 69	89 69	88 69	85 63	87 69	87 69	87 69	87 69	88.3 65.2	
DALECARLIA RESVR D C	MAX MIN	91 73	89 72	82 58	84 59	87 57	85 65	91 66	94 71	94 71	89 66	83 66	86 62	85 66	89 64	91 66	91 66	88 66	88 66	86 69	86 69	86 69	86 69	86 69	86 69	88 69	90 69	88 69	88 69	87 63	87 69	87 69	87 69	87 69	87.3 63.2	
FORT GEORGE C MEADE	MAX MIN	89 74	84 69	82 54	83 55	86 52	91 58	91 67	94 66	92 66	90 70	82 65	82 58	85 58	87 57	88 63	91 63	90 63	90 63	83 68	82 68	82 68	86 55	86 55	88 63	88 63	88 63	89 69	88 69	88 69	88 69	88 69	88 69	88 69	86.5 63.0	
GLENN DALE BELL STA	MAX MIN	90 73	85 68	83 52	81 54	84 50	91 59	90 65	93 66	93 66	89 70	85 65	83 53	85 65	87 53	89 65	90 66	87 66	87 66	84 66	82 66	81 66	84 55	86 55	88 66	88 66	89 66	88 66	89 66	85 66	85 66	85 66	85 66	85 66	86.4 62.5	
LAUREL 3 W	MAX MIN	90 70	87 69	81 58	83 60	85 60	91 60	90 60	93 60	93 71																										

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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				
MARYLAND																																			
NATIONAL ARBORETUM D C	MAX MIN	91 75	88 70	84 59	84 58	86 53	91 65	91 69	92 63	91 72	90 71	89 68	83 57	88 62	87 71	87 60	90 71	90 65	89 66	89 66	85 68	82 66	82 55	88 57	87 63	89 54	88 70	91 71	89 69	85 61	88 70	84 70	85 71	87.3 65.3	
SUITLAND	MAX MIN	89 74	89 72	87 60	81 57	81 54	84 67	89 66	90 64	91 69	90 72	90 64	74 56	82 62	82 67	86 59	83 66	88 66	89 66	83 68	81 68	80 57	80 57	84 63	84 63	86 67	86 71	89 69	85 64	85 66	85 70	82 70	82 70	83.0 65.2	
U. S. SOLDIERS HOME DC	MAX MIN	90 70	85 71	82 60	83 63	88 58	88 69	91 69	94 70	93 71	90 72	78 64	84 60	84 66	88 66	87 65	88 70	92 67	84 67	82 69	81 62	80 62	86 62	86 64	88 64	88 69	90 73	85 69	85 67	86 71	85 70	85 73	85 75	86.4 67.3	
UPPER MARLBORO 3 NNW	MAX MIN	90 79	91 71	85 57	81 54	82 50	86 61	92 65	90 61	94 68	93 71	89 67	75 55	81 58	83 64	82 55	85 60	88 65	91 64	85 68	82 68	80 55	80 54	86 58	86 58	88 69	88 71	90 69	85 59	86 67	86 70	84 71	84 71	85.9 63.1	
* * *																																			
NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	MAX MIN	90 69	84 70	83 57	83 53	86 48	90 60	90 62	90 69	90 62	89 70	82 63	83 56	82 55	86 70	80 60	86 59	89 68	86 65	85 68	80 69	83 54	87 54	87 59	88 58	89 58	89 71	86 73	86 71	87 72	89 63	83 70	87 70	86.4 63.7	
CHESTERTOWN	MAX MIN	89 72	86 66	84 56	82 55	86 51	90 66	89 67	89 66	91 73	89 60	84 56	83 59	85 67	84 58	87 62	89 68	81 64	83 68	83 64	84 57	87 57	86 64	87 59	87 64	88 69	90 70	89 70	86 62	87 70	80 69	85 70	85 70	85.9 63.9	
COLEMAN 3 NNW	MAX MIN	91 74	85 70	87 60	83 55	90 52	94 69	90 65	94 70	90 65	85 70	84 59	85 58	87 66	89 67	83 58	88 69	89 65	89 65	89 65	83 66	83 60	88 57	88 60	91 60	92 60	95 71	93 71	89 63	85 71	89 69	82 70	88 70	88 70	88.5 65.1
EASTERN NECK ISLAND	MAX MIN	88 76	85 73	84 61	83 58	84 56	87 71	89 70	92 69	91 69	89 74	89 65	82 56	83 61	86 65	86 58	88 73	87 69	87 69	84 72	81 60	82 60	81 54	84 61	85 64	87 73	89 71	89 71	88 62	86 74	83 72	84 68	84 68	85.8 68.5	
MILLINGTON	MAX MIN	90 73	85 69	78 50	82 51	88 46	92 55	91 66	96 60	92 64	90 68	85 58	82 53	85 58	86 66	86 54	88 57	91 66	86 60	87 67	82 65	80 51	89 53	89 56	90 56	90 70	93 70	90 68	87 59	88 68	84 68	85 66	85 66	87.4 61.0	
* * *																																			
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	MAX MIN	90 77	83 69	83 60	82 58	85 53	88 60	90 70	93 68	90 71	88 70	86 62	80 57	80 59	84 64	83 56	84 60	89 70	86 67	86 65	80 68	80 59	81 59	84 62	84 61	85 61	87 70	89 74	87 68	86 64	86 68	80 71	82 71	83.0 64.9	
BALTIMORE CITY WSD	MAX MIN	92 72	85 66	83 56	83 55	87 51	93 66	94 67	97 76	94 76	92 75	78 64	83 62	84 68	87 67	83 59	85 69	92 74	83 69	84 70	82 64	85 66	86 69	86 69	89 70	92 73	92 75	87 70	88 73	83 71	83 75	84 75	84 75	87.2 70.6	
BENSON POLICE BARRACKS	MAX MIN	91 74	86 68	86 57	83 55	84 51	88 59	90 67	94 64	94 69	89 69	87 62	81 56	83 56	84 56	85 60	90 68	90 64	80 66	80 64	83 53	86 52	86 59	88 57	89 70	89 69	89 69	88 63	85 71	85 67	85 67	82 67	82 67	86.2 63.1	
BOYDS 2 NW	MAX MIN	89 71	85 67	84 56	80 57	84 55	86 61	88 65	91 66	88 67	88 69	86 60	79 55	81 60	82 65	84 57	87 62	85 65	85 62	86 66	81 64	81 56	84 56	84 61	86 62	86 61	88 67	88 70	86 60	85 69	86 66	80 70	80 70	84.4 63.1	
CATOCTIN MOUNTAIN PARK	MAX MIN	85 70	78 67	77 52	79 52	81 52	82 64	85 63	87 68	86 68	84 66	84 56	78 53	78 59	84 58	81 63	81 65	79 59	77 61	77 57	80 60	80 61	80 62	83 62	83 62	85 62	85 66	86 66	80 62	83 65	79 65	74 63	73 66	79.8 61.8	
CLARKSVILLE 3 NNE	MAX MIN	89 72	82 68	81 58	80 52	84 48	88 56	89 63	92 59	92 65	88 63	86 61	79 55	81 54	83 67	84 54	87 57	89 63	85 62	81 62	82 65	81 50	85 56	85 56	88 56	89 67	89 66	87 66	83 58	85 67	81 68	82 70	82 70	84.7 60.8	
CONDWINGO DAM	MAX MIN	91 72	82 71	83 51	83 56	85 52	91 57	93 62	95 66	92 66	89 66	89 60	82 58	82 58	85 58	84 58	86 61	91 69	83 65	81 66	81 62	84 54	86 57	87 61	87 63	88 68	91 71	89 69	88 66	87 69	88 69	87 71	82 71	82 71	85.8 63.2
ELKTON	MAX MIN	91 71	84 70	82 55	84 52	88 48	88 55	91 65	95 60	91 65	88 66	87 60	83 53	85 55	87 67	85 54	86 57	88 65	88 60	80 65	80 51	84 51	86 60	86 61	81 61	81 62	89 66	91 66	92 62	88 58	89 64	81 63	83 69	86.3 60.5	
EMMITSBURG 2 SE	MAX MIN	88 71	84 69	82 50	83 50	85 48	89 55	90 60	94 55	93 65	90 64	85 60	82 50	83 55	85 52	88 57	89 61	83 60	83 60	79 65	82 63	85 48	89 51	86 58	85 56	85 56	89 65	93 66	83 66	83 68	84 69	81 68	83 69	85.8 59.3	
FREDERICK WFMD	MAX MIN																																		
PARKTON 2 SW	MAX MIN	87 70	80 65	78 50	79 53	82 49	88 56	88 64	91 61	88 68	85 68	69 56	78 56	80 58	81 62	82 53	83 58	86 65	79 61	78 65	76 51	80 53	81 53	83 58	83 58	85 58	85 64	88 68	83 60	83 69	83 67	77 67	79 70	79 70	81.9 60.6
ROCKVILLE 4 NE	MAX MIN	92 73	85 67	81 50	83 50	87 51	91 55	90 60	94 64	94 66	90 63	87 65	81 51	83 56	85 65	87 52	89 56	89 65	92 59	82 63	81 49	83 54	86 54	86 54	89 64	88 64	90 66	85 66	85 63	85 67	80 65	80 69	80 69	86.7 59.9	
TOWSON	MAX MIN	90 75	89 70	83 58	82 61	83 56	88 66	90 69	92 74	91 74	89 80	87 63	81 59	81 64	84 62	85 62	89 66	87 66	87 66	81 61	81 62	82 59	84 64	85 64	88 64	88 73	89 70	88 73	85 64	85 68	81 68	81 73	83 78	85.5 66.3	
UNIONVILLE	MAX MIN	86 71	81 61	81 50	87 52	84 49	87 58	88 59	93 65	89 65	87 62	82 51	81 56	83 51	83 51	85 52	88 60	79 61	80 61	77 49	81 51	83 56	83 56	86 65	86 65	88 62	85 68	86 65	83 56	84 67	77 67	79 71	79 71	83.7 59.4	
WESTMINSTER 2 SSE	MAX MIN	88 72	80 69	80 54	81 53	84 49	88 60	88 63	89 71	89 71	87 67	80 60	80 59	81 57	82 66	83 52	85 60	86 62	82 64	80 64	76 50	81 52	83 59	83 59	86 61	86 61	89 67	83 67	83 68	82 62	84 69	79 66	80 70	83.5 61.9	
WHEATON REGIONAL PARK	MAX MIN	87 73	80 69	80 55	82 55	83 52	87 59	88 65	92 68	89 68	88 69	85 57	83 59	81 58	82 57	83 62	88 66	85 63	85 63	78 64	78 55	84 55	82 55	85 59	85 59	88 69	87 69	85 69	83 60	83 69	80 69	80 71	79 71	83.4 63.1	
WOODSTOCK	MAX MIN																																		
* * *																																			
APPALACHIAN MOUNTAIN 07																																			
BODDYSBORO	MAX MIN	88 72	83 70	81 52	81 58	83 57	88 66	90 62	91 65	90 71	90 66	85 64	79 52	81 60	84 66	84 53	86 66	89 64	83 64	82 64	80 53	82 53	85 53	85 53	88 64	85 64	88 67	86 67	88 67	82 56	82 69	79 66	78 68	84.2 63.3	
CHEWSVILLE BRIDGEPORT	MAX MIN	89 71	86 69	83 50	82 49	85 64	90 64	90 66	92 68	90 68	92 63	86 60	82 51	83 56	85 62	85 52	86 54	88 62	84 62	84 58	84 48	86 52	87 59	87 59	88 66	88 66	84 67	86 66	84 67	83 56	81 66	82 67	80 68	85.5 59.9	
CUMBERLAND	MAX MIN	90 65	87 62	86 48	90 50	93 54	90 56	93 65	90 57	93 65	89 60	89 51	83 53	88 51	83 51	89 55	87 60	83 60	87 60	81 59	80 49	87 59	87 59	92 61	95 61	87 61	85 61	89 66	90 62	83 61	89 60	82 60	82 62	87.4 57.3	
CUMBERLAND POLICE BRKS	MAX MIN	91 65	85 65	82 51	84 48	87 52	88 65	91 58	93 66	93 66	93 66	88 56	87 52	82 58	83 58	85 52	86 52	87 57	81 61	79 49	81 56	81 56	86 59	91 59	88 59	88 59	82 63	86 63	85 67	85 62	83 65	83 65	80 65	85.5 58.2	
FROSTBURG	MAX MIN	81 64	80 60	80 51	83 51	84 51	84 59	87 59	87 66	87 66	84 65	84 57	75 50	83 51	83 58	78 49	80 56	80 53	79 53	74 47	72 47	79 47	83 54	85 56	85 56	85 63	85 63	87 62	82 61	80					

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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		
MARYLAND																																		
HANCOCK FRUIT LAB	MAX	91	88	85	82	85	87	86	88	91	85	88	66	78	84	81	83	87	87	80	81	76	84	85	89	84	84	85	83	82	82	81	83.8	
	MIN	67	68	50	47	49	58	57	57	66	65	63	53	51	64	51	56	57	61	66	61	48	51	59	58	63	66	66	52	59	62	66	58.6	
PICARDY	MAX	89	85	79	83	87	90	91	93	85	89	79	77	85	83	85	85	88	82	83	78	83	88	92	82	84	87	83	82	84	80	81	84.6	
	MIN	66	65	52	48	52	63	57	59	67	65	59	51	53	69	53	54	65	61	64	60	50	54	60	61	64	64	65	53	63	62	64	59.5	
WESTERNPORT UPAC	MAX	87	85	84	86	87	88	90	92	93	86	83	86	90	83	84	87	86	80	79	77	81	86	91	88	82	82	84	84	85	79	80	85.1	
	MIN	66	66	53	49	54	62	61	57	65	69	62	54	53	71	52	58	54	64	64	60	49	54	66	58	65	62	65	52	61	62	64	59.7	
* * *																																		
ALLEGHENY PLATEAU 08																																		
BITTINGER 2 NW	MAX	76	74	72	75	76	76	79	81	71	76	70	68	77	73	73	73	68	71	71	67	71	76	78	71	74	75	70	73	70	69	70	73.0	
	MIN	63	60	50	50	53	60	56	55	63	63	56	46	51	55	50	53	44	52	59	53	47	54	58	54	63	60	58	49	48	54	59	54.8	
MCHENRY 2 NW	MAX	85	78	75	75	78	80	76	89	84	72	76	70	72	81	72	74	76	75	72	70	67	76	78	82	70	76	76	70	78	70	72	75.6	
	MIN	63	60	51	53	57	52	52	60	59	62	60	49	54	57	54	57	55	54	53	55	52	53	58	57	60	58	57	52	55	54	53	55.8	
OAKLAND 1 SE	MAX	79	76	75	79	81	77	82	84	76	79	75	72	81	75	78	77	78	75	70	69	74	80	84	77	73	77	72	78	70	72	76.3		
	MIN	65	60	41	46	47	55	57	49	61	63	57	46	49	61	45	52	53	58	60	58	45	48	56	52	63	56	59	45	56	56	59	54.1	
SAVAGE RIVER DAM	MAX	87	83	80	77	81	84	80	85	88	76	80	69	74	83	76	79	79	79	78	75	77	78	83	86	75	76	80	75	80	74	74	79.1	
	MIN	64	64	50	48	52	60	59	54	57	68	61	50	51	55	51	54	56	60	61	61	48	48	56	56	59	60	61	49	52	59	61	56.3	
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
MIDDLETOWN 1 WSW	MAX	93	88	84	80	87	91	92	95	94	92	87	80	82	85	85	84	88	88	82	83	82	83	86	89	89	93	91	86	90	89	86	87.2	
	MIN	75	70	55	54	52	56	67	63	66	69	64	54	59	67	56	60	67	62	68	64	54	56	58	58	70	72	70	62	69	70	70	63.1	
NEWARK UNIVERSITY FARM	MAX	92	87	84	84	87	90	91	96	95	90	89	82	82	85	84	85	90	87	83	80	83	86	86	88	88	92	91	87	91	88	84	87.3	
	MIN	75	69	57	54	51	56	67	64	68	69	63	56	56	66	57	59	67	63	66	64	54	56	59	60	70	72	70	64	70	69	70	63.3	
WILMGTN NCASTLE WSD	MAX	92	85	83	80	86	90	91	95	92	91	73	82	81	86	85	84	90	84	82	81	83	84	84	87	89	91	88	87	92	81	86	86.0	
	MIN	74	69	59	59	53	65	69	68	72	70	58	58	60	65	59	65	72	64	70	63	58	60	66	65	73	73	69	66	73	72	73	65.8	
WILMGTN PORTER RESVR	MAX	91	82	82	83	85	88	90	95	91	88	74	81	81	83	83	83	88	82	80	78	82	85	85	86	86	90	86	87	89	80	84	84.8	
	MIN	71	69	56	59	56	61	68	70	69	67	59	56	57	66	59	63	70	61	66	63	56	57	60	61	69	70	67	64	70	68	69	63.8	
* * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	MAX	89	84	82	80	85	88	92	94	89	92	89	82	84	87	85	87	91	88	88	83	80	85	83	89	90	89	89	85	88	84	83	86.6	
	MIN	74	69	59	53	50	62	66	64	68	70	64	55	53	67	56	59	69	65	68	69	56	53	57	63	69	71	71	66	68	70	73	63.8	
DOVER	MAX	91	91	82	78	85	91	91	95	95	90	90	82	80	86	86	88	90	90	86	82	81	84	84	89	90	91	92	88	90	88	85	87.5	
	MIN	73	70	60	55	53	53	66	65	68	70	60	56	55	66	63	59	67	66	67	57	60	55	58	61	68	70	71	64	67	67	72	63.3	
GEORGETOWN 5 SW	MAX	89	90	81	77	72	84	87	89	93	89	89	77	80	83	88	85	87	90	95	90	81	78	82	81	82	88	88	89	82	86	84	85.0	
	MIN	73	70	60	51	50	64	67	62	67	70	64	57	58	67	55	59	70	65	68	65	58	55	58	63	68	72	73	66	70	70	73	64.2	
LEWES 1 SW	MAX	93	84	76	74	79	89	89	91	91	87	78	77	79	88	80	85	91	84	91	79	77	79	80	85	88	88	86	79	86	87	88	84.1	
	MIN	75	67	63	54	54	63	67	65	67	62	64	62	56	68	61	60	71	67	70	68	59	58	57	66	68	72	71	67	70	70	72	65.0	
MILFORD 2 WSW	MAX	91	89	82	78	85	91	92	97	96	91	90	83	83	87	87	87	91	90	86	82	81	83	82	92	91	88	89	86	86	86	85	87.3	
	MIN	75	70	61	52	49	63	68	66	68	71	62	56	54	68	58	60	69	67	70	70	56	53	57	63	69	71	73	65	70	70	73	64.4	
SELBYVILLE	MAX																																	
	MIN																																	

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1970 - 1971

MARYLAND AND DELAWARE

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
MARYLAND														
* * *														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE STATE PARK	0	0	23	126	427	751	999	755	697	426	132			
CRISFIELD SOMERS COVE	0	0	16	109	407	712	962	703	620	304	83	3	3919	
POCOMOKE CITY	0	0	34				938	668	608	327	91	3		
PRINCESS ANNE	0	0	36	161	456	802	1001	707	671	390	122	4	4350	
SALISBURY	0	0	25	136	420	762	968	687	625	332	95	5	4055	
SALISBURY FAA AIRPORT	0	0	40	176	483	850	1040	743	703	408	145	6	4594	
SNOW HILL 4 N	0	0	36	166	457	803	1002	735	683	388	127	11	4408	4143
* * *														
CENTRAL EASTERN SHORE 02														
BLACKWATER REFUGE	0	0	22	129	438	780	1008	719	652	314	109	1	4172	
CAMBRIDGE 4 W	0	0	20	137	462	804	1059	769	713	402	131	1	4498	
DENTON 1 WNW	0	0	30	140	486	834	1063	742	701	399	142	2	4539	
EASTON POLICE BARRACKS	0	0	19	135	447		1021	734	653	343	102	0		
PRESTON 1 S	0	0	26	152	467	810	1046	735	682	407	148	2	4475	
ROYAL OAK	0	0	17	118	449	786	1036	742	672	335	100	1	4256	
VIENNA	0	0	18	124	425	770	996	702	632	309	92	0	4068	
* * *														
LOWER SOUTHERN 03														
CHARLOTTE HALL 2 SE	0	0	22	142	460	807	1046	733	668	372	103	4	4357	
LA PLATA 1 W	0	0	27	159	504	803	1045	722	669	350	127	3	4409	
LEONARDTOWN 3 NW	0	0	24	147	476	789	1034	738	668	351		3		
OWINGS FERRY LANDING	0	0	26	159	504	821	1077	748	694	359		4		4242
PRINCE FREDERICK 1 N	0	0	30	166	496	818	1053	745	696	376	136	8	4524	
SOLOMONS	0	0	14	104	463	752	1013	743	659	303	72	3	4126	3891
WALDORF POLICE BRKS	0	0	32	150	479	796	1031	708	647	343	131	7	4324	
* * *														
UPPER SOUTHERN 04														
ANNAPOLIS USN ACADEMY							1040	773	713	362	151	1		
ANNAPOLIS			17	110	463	777								
BALTIMORE WSD	0	0	20	149	484	824	1080	766	712	364	134	2	4899	4654
BELTSVILLE	0	0	37	215	558	888	1135	833	766	448	199	10	5089	
BELTSVILLE PLANT STA 5	0	0	36	204	542	860	1111	809	756	429	176	9	4932	
COLLEGE PARK	0	0	25	153	511	815	1065	734	670	333	110	0	4416	4449
DALECARLIA RESVR D C	0	0	26	162	525	818	1062	729	671	307	94	1	4395	
FORT GEORGE G MEADE	2	0	37	206	555	881	1109	783	725	368	131	1	4798	
GLENN DALE BELL STA	0	0	27	179	526	852	1081	761	705	383	152	0	4666	4646
LAUREL 3 W	0	0	22	139	488	838	1067	757	699	313	109	3	4435	
NATIONAL ARBORETUM D C	0	0	24	139	485	795	1025	714	658	322	108	1	4271	
SUITLAND	0	0	23	183	523	843	1091	812	716	357		8		
U. S. SOLDIERS HOME DC	0	0	21	158	483	796	1044	743	686	291	109	4	4335	
UPPER MARLBORO 3 NNW	0	0	28	197	527	863	1108	797	740	402	167	8	4837	
* * *														
NORTHERN EASTERN SHORE 05														
CENTREVILLE	0	0	20	160	485	839	1063	750	686	383	134	2	4522	
CHESTERTOWN	0	0	25	169	525	868	1102	800	745	398	155	6	4793	
COLEMAN 3 WNW	0	0	19	150	482	828		786	695	331	132	4		4489
EASTERN NECK ISLAND	0	0	15	111	451	807	1047	775	672	320	101	2	4301	
MILLINGTON	0	0	34	189	537	910	1135	813	763	428	178	11	4998	4518
* * *														
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD		0	39	164				802	724	387	154	6		
BALTIMORE CITY WSD	0	0	14	126	441	778	1029	732	688	302	97	4	4211	4111
BENSON POLICE BARRACKS	0	0	29	183	522	884	1112	804	726	388	145	7	4800	
BOYDS 2 NW	0	0	35	187	547	877	1146	788	744	376	166	4	4870	
CATOCTIN MOUNTAIN PARK	1	0	54	293	614	1004	1225	938	862	459	219	18	5687	

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Continued	SEASON OF 1970 - 1971											MARYLAND AND DELAWARE		
Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
MARYLAND														
CLARKSVILLE 3 NNE	0	0	50	210	563	916	1155	818	764	444	192	6	5118	
CONOWINGO DAM	0	0	28	201	556	935	1194	858	788	419	173	6	5158	
ELKTON	0	0	42	217	540	898	1125	835	754	431	164	10	5016	4826
EMMITSBURG 2 SE	0	1	56	252	592	960	1227	891	797	471	207	13	5467	
FREDERICK WFMD	0	0	41	213	571		1775	825	748	401	186			5087
PARKTON 2 SW	0	0	54	246	603	968	1209	883	831	470	232	21	5517	
ROCKVILLE 4 NE	0	0	36	228	592	899	1156	780	741	412	168	1	5013	
TOWSON	0	0	25	160	496	828	1074	770	713	366	134	6	4572	
UNIONVILLE	0	0	58	240	620	963	1222	865	817	495	229	18	5527	
WESTMINSTER 2 SSE	0	0	54	239	595	957	1191	868	822	445	208	12	5391	5037
WHEATON REGIONAL PARK WOODSTOCK	0 0	0	42	213	543	887	1136	799	740	401	171	5	4937	4963
* * *														
APPALACHIAN MOUNTAIN 07														
BOONSBORO	0	0	36	215	577	864	1157	813	755	365	173	9	4964	
CHEWSVILLE BRIDGEPORT	0	0	52	232	602	939	1230	864	808	464	206	4	5401	5234
CUMBERLAND	1	0	46	268	600	925	1163	861	811	400	181			
CUMBERLAND POLICE BRKS	0	0	40	249	581	915	1139	872	817	414	203	7	5237	
FROSTBURG	4	0	56	336	656	996	1244	967	947	476	283	12	5977	5749
HAGERSTOWN	0	0	33	204	596	925	1208	856	743	366	155	4	5090	
HANCOCK FRUIT LAB	0	0	55	287	624	951	1208	914	831	485	255	15	5625	
PICARDY	0	0	50	254	603	925	1176	925	817	399	208			
WESTERNPORT IPRC	0	0	39	236	594	908	1120	870	816	438	185	8	5214	
* * *														
ALLEGHENY PLATEAU 08														
BITTINGER 2 NW	39	25	119	425	760	1097	1351	1061	1046	604	373	50	6950	
MCHENRY 2 NW					763	1074	1353	1053	1021	641	374	28		
DAKLAND 1 SE	32	20	101	378	724	1036	1281	1016	991	619	369	25	6592	6403
SAVAGE RIVER DAM	13	5	73	340	695	1007	1273	1031	965	573	332	30	6337	
DELAWARE														
* * *														
NORTHERN 01														
MIDDLETOWN 1 WSW	0	0	30	170	497	859	1096	789	709	372	140	4	4666	
NEWARK UNIVERSITY FARM	0	0	35	198	519	861	1135	820	741	402	150	8	4889	
WILMGTON NCASTLE WSD	0	0	25	175	487	855	1159	821	746	411	153	3	4875	4930
WILMGTON PORTER RESVR	0	0	38	232	548	947	1202	848	783	429	155	6	5188	
* * *														
SOUTHERN 02														
BRIDGEVILLE 1 NW	0	0	31	173	469	833	1051	742	701	379	130	4	4513	4409
DOVER	0	0	28	177	475	813	1042	743	706	359	131	14	4488	4354
GEORGETOWN 5 SW	0	0	36	198	509	870	1079	797	739	447	177	15	4867	
LEWES 1 SW	0	0	33	167	464	816	1032	738	742	421	172	20	4605	
MILFORD 2 WSW	0	0	30	171	470	820	1045	732	687	366	122	10	4453	
SELBYVILLE	0													

Ø REVISED OR ADJUSTED

See Reference Notes Following Station Index

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JULY 1971

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		
MARYLAND																																		
* * *																																		
UPPER SOUTHERN	04																																	
BELTSVILLE	EVAP	.24	.47	.23	.30	.32	.27	.20	.28	.26	.14	.19	.32	.23	.28	.43	.31	.23	.31	.13	.19	.24	.10	.38	.13	.22	.28	.29	.26	.20	.22	.14		
	WIND	42	38	37	35	39	24	39	22	22	30	31	51	40	54	77	36	42	53	43	45	40	26	35	44	34	38	29	41	43	41			
	MAX	93	92	89	91	90	94	94	97	97	95	99	76	90	89	86	89	90	92	90	90	85	84	90	88	91	92	97	89	88	86			
	MIN	75	72	64	64	62	63	67	70	71	73	70	59	61	64	64	65	67	69	69	70	63	62	62	63	64	72	73	67	66	72			
UPPER MARLBORO 3 NNW	EVAP	.17	.22	.20	.30	.25	.28	.22	.26	.28	.32	.28	.16	.24	.25	.33	.24	.17	.51	.21	.10	.19	.18	.24	.21	*	.43	.25	.20	.08	.12			
	WIND	50	37	39	30	22	22	32	19	23	27	24	48	31	54	39	22	34	34	20	38	26	15	19	29	30	29	42	23	28	46			
	MAX	98	95	91	91	92	95	97	92	96	96	97	84	91	90	90	92	89	95	90	84	87	89	92	91	92	95	94	91	93	87			
	MIN	75	72	63	64	60	65	68	68	70	74	71	54	61	66	68	69	69	68	67	70	64	63	65	66	72	65	72	67	67	72			
* * *																																		
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM	EVAP	.15	.32	.25	.26	.28	.20	.21	.26	.20	.22	.10	.17	.21	.14	.44	.20	.23	.12	.06	-	.10	.26	.18	.23	.02	.08	.17	.28	.07	.09			
	WIND	92	85	87	91	92	94	85	97	92	83	85	88	89	89	83	86	86	82	79	75	77	91	91	94	76	81	82	85	84	74			
	MAX	92	85	87	91	92	94	85	97	92	83	85	88	89	89	83	86	86	82	79	75	77	91	91	94	76	81	82	85	84	74			
	MIN	68	68	64	66	66	60	64	69	60	69	67	56	56	60	56	60	63	64	63	64	63	55	55	62	53	62	66	65	55	63			
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
NEWMARK UNIVERSITY FARM	EVAP	.24	.27	.20	.39	.28	.25	-	.18	.39	.30	.20	.13	.22	.44	.31	.10	.25	.41	.09	.22	.34	.16	.27	.22	.11	.20	.37	.27	.22	.13			
	WIND	34	31	38	22	19	31	39	32	41	34	23	31	22	58	38	20	32	33	29	39	22	18	24	23	36	20	37	37	30	23			
	MAX	96	90	92	94	95	93	96	93	94	95	95	88	88	88	90	90	93	91	82	86	87	92	91	91	90	95	94	91	93	92			
	MIN	75	71	59	61	57	62	69	62	71	71	67	59	67	69	61	66	69	65	71	72	64	62	68	65	73	75	76	68	74	72			
* * *																																		
SOUTHERN 02																																		
GEDRGETOWN 5 SW	EVAP	.20	.34	-	-	.28	.22	.24	.27	.22	.37	.15	.22	.18	.24	.31	.35	.25	.43	.14	-	.13	.17	.34	.20	.13	.27	.25	-	.17	-			
	WIND	87	98	46	46	36	50	100	26	42	73	27	69	49	97	72	46	98	70	40	106	53	34	28	31	68	66	110	32	57	119			

See Reference Notes Following Station Index

REFERENCE NOTES

MARYLAND AND DELAWARE
JULY 1971

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 101, Jull Hall, University of Maryland, College Park, Maryland 20742, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA MARYLAND AND DELAWARE."

DIMENSIONAL UNITS: 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. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: 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 the ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "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.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

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. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, 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.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for October 1956.

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

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 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.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- B "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.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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, D. C. 20402.

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