



CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

MARYLAND AND DELAWARE

JUNE 1970

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

Volume 74 No. 6

CLIMATOLOGICAL DATA

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days Below Freezing	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	100 or More
										32° or Above	32° or Below	32° or Above	32° or Below										
MARYLAND																							
* * * SOUTHERN EASTERN SHORE 01																							
ASSATEAGUE STATE PARK	81.3	66.4	73.9	- 1.4	87	20+	57	14	0	0	0	0	2.02	- 1.29	.77	26	.0	0	5	1	0		
CRISFIELD SOMERS COVE	83.7	59.3	71.6		92	12	45	15	6	4	0	0	4.24		.89	18	.0	0	7	5	0		
POCOMOKE CITY 1 S	84.1	61.6	72.9		92	12	46	15	7	3	0	0	3.75		1.21	18	.0	0	6	3	1		
PRINCESS ANNE	84.1	61.6	72.9		92	12	46	15	7	3	0	0	3.75		1.21	18	.0	0	6	3	1		
SALISBURY	83.6	62.9	73.3		93	12	51	15	2	2	0	0	3.26	- .23	.94	22	.0	0	8	3	0		
SALISBURY FAA AIRPORT	82.1	60.7	71.4		93	12	47	15	9	2	0	0	3.99		1.33	18	.0	0	6	3	2		
SNOW HILL 4 N	81.7	60.8	71.3	- 1.3	91	12	47	14	8	1	0	0	2.39	- 1.41	.45	6	.0	0	6	0	0		
DIVISION 72.4 - .7 3.28 - .17 .0																							
* * * CENTRAL EASTERN SHORE 02																							
BLACKWATER REFUGE	83.8	64.2	74.0		93	12	50	29	0	3	0	0	2.09		.72	22	.0	0	7	1	0		
CAMBRIDGE 4 W	82.9	62.6	72.8		92	30	50	29+	6	4	0	0	5.69		4.06	6	.0	0	8	2	1		
DENTON 1 WNW	82.9	60.7	71.8		94	12	51	29	4	3	0	0	5.85		3.17	21	.0	0	8	2	2		
EASTON POLICE BARRACKS	84.1	62.5	73.3	.1	92	25	52	29+	1	5	0	0	3.17	- .19	1.18	6	.0	0	7	2	1		
PRESTON 1 S	83.4	61.6	72.5		93	12	51	29+	3	3	0	0	5.22		2.72	6	.0	0	8	3	1		
ROYAL OAK	84.2	64.1	74.2		92	25+	54	29+	0	3	0	0	2.75		1.00	6	.0	0	7	1	1		
VIENNA	85.4	63.9	74.7		95	13+	52	14	0	8	0	0	6.74		3.00	6	.0	0	6	3	3		
DIVISION 73.3 .1 4.50 .98 .0																							
* * * LOWER SOUTHERN 03																							
CHARLOTTE HALL 2 SE	85.7	61.5	73.6		93	30	48	29	1	5	0	0	2.02		.70	6	.0	0	6	2	0		
LA PLATA 1 W	84.2	60.5	72.4		93	30	48	28	4	4	0	0	2.87		1.62	6	.0	0	5	1	1		
LEONARDTOWN 3 NW																							
OWINGS FERRY LANDING	83.6	60.7	72.2	- .8	92	30	51	28	1	4	0	0	2.10	- 1.16	1.30	13	.0	0	5	1	1		
PRINCE FREDERICK 1 N	83.7	60.8	72.3		92	30	48	29	5	3	0	0	2.44		.92	6	.0	0	6	2	0		
SOLOMONS	83.7	67.0	75.4	.8	93	12	57	7	0	3	0	0	3.03	- .42	1.25	6	.0	0	7	2	1		
WALDORF POLICE BRKS	85.6	58.9	72.3		94	25	45	28	6	7	0	0	4.29		2.80	6	.0	0	8	1	1		
DIVISION 73.0 - .1 .0																							
* * * UPPER SOUTHERN 04																							
ANNAPOLIS																							
BALTIMORE WB AIRPORT R	83.6	62.3	73.0	.5	95	30	53	28+	0	6	0	0	4.10	.81	1.27	18	.0	0	7	4	2		
BELTSVILLE	81.8	59.2	70.5		90	13+	47	28	8	2	0	0	2.79		.82	4	.0	0	6	2	0		
BELTSVILLE PLANT STA 5	81.8	60.6	71.2		91	12	49	28+	5	3	0	0	3.30		.83	4	.0	0	7	3	0		
COLLEGE PARK	85.4	61.7	73.6	.9	94	12	51	29+	1	8	0	0	3.86	.05	.95	26	.0	0	6	4	0		
DALECARLIA RESVR D C	85.5	62.3	73.9		92	30+	49	15	3	7	0	0	3.06		1.12	4	.0	0	7	1	1		
FORT GEORGE G MEADE	83.9	59.4	71.7		92	11	46	15	7	3	0	0	4.81		.99	4	.0	0	9	4	0		
GLENN DALE BELL STA	84.7	59.2	72.0	.0	92	13+	46	28	8	6	0	0	2.27	- 1.73	.55	22	.0	0	7	1	0		
LAUREL 3 W	83.7	62.8	73.3		94	12	52	14	2	3	0	0	3.89		1.44	17	.0	0	5	3	2		
NATIONAL ARBORETUM D C	85.4	61.6	73.5		93	30+	50	14	0	6	0	0	3.76		1.10	26	.0	0	8	3	1		
SUITLAND	81.7	61.7	71.7		91	13	49	28	4	3	0	0	2.32		.66	22	.0	0	8	1	0		
U. S. SOLDIERS HOME DC	83.5	63.5	73.5		94	30	54	28	0	5	0	0	2.46		.53	18+	.0	0	6	2	0		
UPPER MARLBORO 3 NNW	82.5	60.6	71.6		92	12	48	14	1	3	0	0	3.36		1.05	26	.0	0	8	3	1		
DIVISION 72.5 .0 3.33 - .39 .0																							
* * * NORTHERN EASTERN SHORE 05																							
CENTREVILLE	82.9	61.2	72.1		92	12	48	14	3	3	0	0	4.87		2.03	19	.0	0	7	3	1		
CHESTERTOWN	81.0	61.5	71.3		90	30	53	14+	3	1	0	0	6.15		1.88	5	.0	0	7	5	3		
COLEMAN 3 WNW	83.9M	61.6M	72.8M	- .3	92	30	51	14	0	4	0	0	5.57	1.93	1.83	6	.0	0	7	5	1		
EASTERN NECK ISLAND	82.3	64.9	73.6		90	12	55	14	0	1	0	0	5.09		1.53	19	.0	0	7	4	2		
HILLINGTON	82.2	59.3	70.8	- 1.4	90	30+	48	28	15	3	0	0	7.56	4.40	2.56	6	.0	0	8	4	2		
DIVISION 72.1 - .7 .0																							
* * * NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FLD	82.2	62.4	72.3		92	30	52	14+	1	2	0	0	6.70		1.71	19	.0	0	9	5	3		
BALTIMORE WB CITY	84.1	67.3	75.7	1.0	95	30	60	7	0	6	0	0	4.74	.87	1.11	16	.0	0	8	4	2		
BENSON POLICE BARRACKS	82.8	60.0	71.4		90	30+	50	29+	3	3	0	0	5.44		1.29	6	.0	0	8	5	1		
BOYDS 2 NW	81.3	60.0	70.7		89	18	52	8	3	0	0	0	4.50		1.16	6	.0	0	6	5	1		
CATOCTIN MOUNTAIN PARK	77.6	58.9	68.3		85	19+	50	8	18	0	0	0	7.42		1.52	6	.0	0	11	6	2		
CLARKSVILLE 3 NNE	82.9	58.4	70.7		90	12+	46	28	13	2	0	0	3.96		.80	21	.0	0	7	4	0		
CONOWINGO DAM	80.6	59.6	70.1		91	30	49	15	12	1	0	0	7.18		2.00	3	.0	0	8	3	3		
ELKTON	82.8	58.4	70.6	- 1.2	91	30	46	7	7	4	0	0	6.30	2.34	1.57	21	.0	0	9	5	3		
EMMITSBURG 2 SE	81.6	56.5	69.1		90	11	46	29+	14	1	0	0	5.49		1.22	16	.0	0	10	4	2		
FREDERICK WFMD																							
PARKTON 2 SW	78.7	57.4	68.1		89	11	47	14+	24	0	0	0	5.02		1.23	21	.0	0	7	4	2		
ROCKVILLE 4 NE	83.9M	58.4M	71.2M		90	30+	46	28	8	4	0	0	5.11		1.50	17	.0	0	7	4	2		

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 64

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JUNE 1970

Continued

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	31° or Below	31° or Above	31° or Below										
TOWSON	82.2	63.1	72.7		90	30+	53	7	1	3	0	0	0	4.49	.82	1.10	21	.0	0		7	4	2
UNIONVILLE	80.9	58.2	69.6		89	30	45	28	12	0	0	0	0	6.13		2.07	27	.0	0		8	4	9
WESTMINSTER 2 SSE	80.2	59.0	69.6	- 1.1	89	11	48	28	11	0	0	0	0	5.72	1.59	2.41	6	.0	0		9	3	1
WHEATON REGIONAL PARK	81.3	60.5	70.9		88	30	51	29+	7	0	0	0	0	4.02		.82	6	.0	0		10	3	0
WOODSTOCK	82.8M	57.3M	70.1M	- .9	90	18+	47	29+	12					3.35	- .45			.0	0				
DIVISION			70.7	- .5										5.35	1.48			.0					
* * *																							
APPALACHIAN MOUNTAIN 07																							
BOONSBORO	81.0	60.7	70.9		89	11	50	28	4	0	0	0	0	4.45		1.02	16	.0	0		10	3	1
CHEWSVILLE BRIDGEPORT	81.8	57.8	69.8	- .5	90	18	44	28	13	1	0	0	0	8.02	4.47	1.74	16	.0	0		11	6	2
CUMBERLAND	83.9	56.7	70.3		94	2	48	28+	7	7	0	0	0	3.66		.85	5	.0	0		9	2	0
CUMBERLAND POLICE BRKS	84.0	56.9	70.5		90	18+	44	7	14	3	0	0	0	3.55		.75	26	.0	0		9	2	0
FROSTBURG	79.0	56.7	67.9	.1	87	11+	42	7	27	0	0	0	0	3.73	- .62	1.10	6	.0	0		10	2	1
HAGERSTOWN	82.1	59.6	70.9		91	11	49	28	3	3	0	0	0	10.06		2.49	5	.0	0		12	7	4
HANCOCK FRUIT LAB	80.3	57.2	68.8		91	19	45	28	24	1	0	0	0	7.17	3.37	1.38	5	.0	0		10	6	3
PICARDY	81.1	57.7	69.4		91	18	45	7	17	2	0	0	0	6.06		.84	4	.0	0		14	3	0
WESTERNPORT UPRC	83.6	57.3	70.5		91	12+	43	7	13	2	0	0	0	3.64		.64	21	.0	0		10	3	0
DIVISION			69.9	- .4										5.59	1.76			.0					
* * *																							
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	72.9M	53.7M	63.3M		80	11+	39	7	85	0	0	0	0	6.39		1.91	6	.0	0		9	6	2
OAKLAND 1 SE	76.0	52.4	64.2	- .7	84	11	36	7	60	0	0	0	0	5.04	.36	1.37	4	.0	0		12	3	1
SAVAGE RIVER DAM	77.3	55.1	66.2		88	12	41	7	49	0	0	0	0	3.88		.94	5	.0	0		13	3	0
SINES DEEP CREEK 2																							
DIVISION			64.6	.0										5.27	.72			.0					
DELAWARE																							
* * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	83.9	60.7M	72.3M		92	12	51	28+	1	3	0	0	0	5.54		1.96	19	.0	0		7	4	2
NEWARK UNIVERSITY FARM	82.9	59.5	71.2		91	12	50	29+	4	3	0	0	0	6.82		1.47	21	.0	0		10	5	2
WILMGTON NCASTLE WB AP	81.2	62.1	71.7	.3	91	12+	52	7	1	2	0	0	0	6.16	2.09	2.23	21	.0	0		8	3	2
WILMGTON PORTER RESVR	79.3	60.1	69.7		90	12+	50	7	10	2	0	0	0	4.93	1.02	1.93	21	.0	0		8	3	1
DIVISION			71.2	- .3										5.86	2.03			.0					
* * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	82.3	60.9	71.6	- .6	92	25+	48	14	9	2	0	0	0	6.36	2.76	2.44	6	.0	0		9	3	2
DOVER	82.8	61.5	72.2	- .7	93	12	53	29+	4	2	0	0	0	5.04	1.58	.98	21	.0	0		8	5	0
GEORGETOWN 5 SW	81.2	60.9	71.1		92	13	47	14	9	2	0	0	0	5.48		1.54	6	.0	0		7	6	1
LEWES 1 SW	79.8	62.0	70.9		92	12	50	14	7	2	0	0	0	6.03		1.87	18	.0	0		8	4	2
MILFORD 2 WSW	83.5	61.0	72.3		92	12	49	14	7	2	0	0	0	6.53		1.78	6	.0	0		9	4	3
SELBYVILLE	81.9	61.1	71.5		92	12	49	15+	7	2	0	0	0	4.96		1.07	26	.0	0		8	4	1
DIVISION			71.6	- .8										5.73	2.12			.0					

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 95° ON THE 30+ AT 3 STATIONS

LOWEST TEMPERATURE: 36° ON THE 7TH AT OAKLAND 1 SE, MD.

GREATEST TOTAL PRECIPITATION: 10.06 INCHES AT HAGERSTOWN, MD.

LEAST TOTAL PRECIPITATION: 2.02 INCHES AT 2 STATIONS

GREATEST ONE-DAY PRECIPITATION: 4.06 INCHES ON THE 6TH AT CAMBRIDGE 4 W, MD.

MARYLAND AND DELAWARE
JUNE 1970

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
JUNE 1970

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	5.54													.06	T		.61	.19	.42	1.96		.68	.10									.06	
NEWARK UNIVERSITY FARM	6.82				.40	T	.66							.12	.03		.22	.41	.84	1.45		1.47	.85					.01	.36				
WILMGTN NCATTLE WB AP	6.16			.55	T	.06	.32						.09		.03		.42	.30	1.86			2.23						.15	.15		T		
WILMGTN PORTER RESVR	4.93			.28		.28	.36						.19		.05		.29	.03	.94			1.93							.58			T	
* * * SOUTHERN 02																																	
BRIDGEVILLE 1 NW	6.36					T	2.44	.27						.07			.12	.25	.15	.93		.30	.47					1.36					
DOVER	5.04				.42	T	.75	.06						.09	T		.57	.07	.42	.72		.98	.75					.21	T				
GEORGETOWN 5 SW	5.48						1.54	.20										.61		.52			.90					.89	.82				
LEWES 1 SW	6.03					.06	.64						.01		T		.42	.40	1.87			1.51	.30				.15	.67					
MILFORD 2 WSW	6.53			.08	T	1.78	.12							.01	T		.19	.14	.29	1.15		1.37	.43					.96	.01				
SELBYVILLE	4.96					.05	.79	.30									.09	.15	.26	.99		.30	.96					1.07					

SUPPLEMENTAL DATA

MARYLAND AND DELAWARE
JUNE 1970

	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 WB AIRPORT MD	24	2.0	7.1	40	NW	18	75	75	49	58	3	0	3	2	2	0	10	66	5.5
WILMINGTON NCASTLE WB DEL	24	2.7	8.0	30++	32	18	80	77	56	64	2	3	5	1	1	1	13	-	5.8

MARYLAND AND DELAWARE - JUNE 1970

SPECIAL WEATHER SUMMARY

June 1970 temperatures averaged mostly near normal while rainfall in Maryland was heavy in the northern portion, in particular, Washington County where totals reached 9 and 10 inches. The least was in southern Maryland where some stations reported less than 2 inches. In extreme southern Eastern Shore there were totals less than 3 inches. Delaware's rainfall was above normal.

The monthly number of days with thunderstorms were greater than normal. Severe thunderstorms were reported on the 5th, 6th, 12th, 18th, 21st,

22d, and 25th. The Cambridge Weather Station recorded a rainfall of 4.06 inches on the 6th, a record 1-day June total, while at the Denton Weather Station approximately 3 inches of rain in 30 minutes was noted on the 21st. Exceptionally large hailstones, to softball size, fell in the Phoenix-Jacksonville-Cockeysville area of Baltimore County during the late afternoon of the 18th; damage was confined mostly to automobiles and buildings. For additional information concerning this and other storms, consult the ESSA publication STORM DATA.

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DAILY TEMPERATURES

MARYLAND AND DELAWARE
JUNE 1970

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																																
CRISFIELD SOMERS COVE	MAX MIN	79 68	81 69	81 69	81 70	82 69	82 70	80 78	77 59	77 61	80 60	81 62	87 72	87 70	81 57	75 58	79 68	86 71	86 69	87 73	87 71	80 70	80 73	79 66	79 65	82 70	82 70	79 70	78 60	79 59	84 59	81.3 66.4	
POCOMOKE CITY 1 S	MAX MIN	84 61	85 66	87 62	84 63	85 66	82 60	81 56	81 48	80 51	83 57	87 62	92 62	90 67	80 46	76 45	79 67	83 65	90 67	90 69	89 53	82 56	81 60	87 62	82 54	82 66	81 61	81 60	79 61	82 49	86 63	83.7 59.5	
PRINCESS ANNE	MAX MIN	85 61	84 68	85 68	84 66	86 67	82 63	75 57	82 50	81 52	84 56	87 62	92 63	91 67	76 47	75 46	80 65	90 69	89 68	89 78	82 62	82 56	89 64	82 62	82 56	89 64	82 67	82 58	78 54	81 48	88 66	84.1 61.6	
SALISBURY	MAX MIN	83 62	84 68	84 68	84 68	84 63	84 63	75 57	81 53	82 54	84 60	88 64	93 67	90 67	78 53	74 51	78 61	89 70	88 70	88 69	87 64	80 64	84 68	83 60	82 60	89 64	84 68	80 68	80 55	82 54	85 64	83.6 62.9	
SALISBURY FAA AIRPORT	MAX MIN	83 62	85 66	86 68	84 63	86 59	81 52	75 50	82 52	80 52	83 60	87 64	93 64	80 54	73 49	74 47	78 66	90 71	89 71	89 70	78 63	78 62	81 64	80 61	81 58	89 65	73 68	80 58	78 55	80 51	86 64	82.1 60.7	
SNOW HILL 4 N	MAX MIN	84 63	85 62	86 65	86 65	86 64	83 61	73 56	79 50	78 52	79 58	85 62	91 63	84 66	73 47	75 50	76 65	89 68	84 68	87 69	82 66	77 62	81 68	81 63	80 54	89 62	74 69	80 66	78 51	80 48	85 62	81.7 60.8	
* * *																																	
CENTRAL EASTERN SHORE 02																																	
BLACKWATER REFUGE	MAX MIN	84 67	84 69	85 69	85 67	85 67	85 62	74 55	80 56	83 59	84 57	86 62	93 69	92 67	80 60	72 58	78 67	88 70	88 69	88 67	88 69	82 65	79 68	82 61	82 60	90 70	89 69	80 72	78 55	82 50	88 69	83.8 64.2	
CAMBRIDGE 4 W	MAX MIN	85 65	84 68	85 69	84 64	86 65	81 63	73 55	84 55	82 57	84 57	87 61	91 66	80 66	75 50	70 54	78 64	88 68	86 68	90 66	85 69	82 62	77 67	82 59	83 59	91 69	81 67	80 70	79 59	81 50	92 67	82.9 62.6	
DENTON 1 WNW	MAX MIN	87 63	87 67	88 68	82 64	78 61	81 62	75 52	82 55	81 57	81 58	89 61	94 66	82 60	76 52	70 53	73 63	89 65	85 69	89 64	80 65	80 56	81 58	82 58	84 58	93 64	83 67	78 66	81 53	83 51	92 63	82.9 60.7	
EASTON POLICE BARRACKS	MAX MIN	85 65	85 66	86 68	87 64	86 62	86 62	75 55	80 59	82 59	83 59	86 62	90 68	90 65	80 53	73 55	76 64	88 67	88 64	88 62	88 68	82 64	80 68	83 59	84 61	92 67	90 69	80 60	79 52	82 52	90 67	84.1 62.5	
PRESTON 1 S	MAX MIN	84 61	86 64	87 64	82 62	86 65	83 62	75 55	80 55	82 57	83 58	88 62	93 66	90 64	77 51	73 53	75 63	88 67	85 69	87 67	87 66	81 63	79 65	83 59	83 58	92 65	83 68	79 68	80 53	82 51	89 66	83.4 61.6	
ROYAL OAK	MAX MIN	85 67	86 69	85 69	85 65	86 65	83 63	75 55	81 60	83 60	85 59	87 63	92 71	87 65	79 55	73 60	77 65	88 67	88 69	88 67	87 68	83 65	81 67	84 60	84 62	92 70	88 69	80 71	81 54	82 54	90 68	84.2 64.1	
VIENNA	MAX MIN	84 64	85 70	84 70	90 68	87 64	86 63	78 57	83 56	85 59	87 59	89 64	95 69	95 66	77 52	74 57	80 65	90 71	87 71	92 69	90 69	82 65	83 67	85 63	84 61	93 68	79 68	81 65	82 55	84 54	90 69	85.4 63.9	
* * *																																	
LOWER SOUTHERN 03																																	
CHARLOTTE HALL 2 SE	MAX MIN	84 65	86 67	87 68	87 63	88 68	87 63	87 52	87 53	88 58	87 56	90 58	91 64	91 64	81 54	72 56	82 63	88 67	89 66	89 65	89 66	86 62	79 66	81 65	85 63	90 63	84 66	80 64	80 49	83 48	93 66	85.7 61.5	
LA PLATA 1 W	MAX MIN	83 62	88 67	88 68	84 62	87 66	80 58	75 50	84 53	81 56	86 59	88 61	91 61	87 63	78 49	72 59	82 62	88 63	91 67	88 64	84 63	86 63	80 62	83 57	85 55	91 68	81 67	79 70	80 48	82 49	93 65	84.2 60.5	
LEONARDTOWN 3 NW	MAX MIN																																
OWINGS FERRY LANDING	MAX MIN	84 63	87 67	86 67	81 67	87 64	79 57	76 53	83 57	83 59	83 60	90 60	91 63	83 60	80 52	71 57	80 60	89 65	89 66	88 66	81 60	84 60	80 64	82 58	86 60	90 67	80 65	81 56	78 51	82 53	92 64	83.6 60.7	
PRINCE FREDERICK 1 N	MAX MIN	84 65	86 67	88 68	85 61	87 66	85 64	75 51	84 52	81 52	81 57	88 58	91 66	90 64	76 49	73 55	79 64	88 67	89 67	89 64	86 62	86 62	79 64	80 59	83 55	89 69	83 66	81 69	79 49	81 48	92 62	83.7 60.8	
SOLCOMONS	MAX MIN	88 68	85 67	89 68	87 65	86 69	85 67	75 57	80 62	81 63	84 65	83 67	93 69	92 70	78 65	72 64	76 68	84 69	86 70	89 71	89 71	82 71	80 70	83 67	83 65	88 70	79 69	78 73	80 59	84 59	92 66	83.7 67.0	
WALDORF POLICE BRKS	MAX MIN	82 62	87 66	88 69	87 61	87 60	87 60	76 49	84 57	85 55	86 58	92 57	92 60	91 60	84 47	77 56	79 62	88 62	89 66	90 62	90 63	86 60	86 62	84 54	85 53	94 60	82 65	77 67	79 45	81 47	93 61	85.6 58.9	
* * *																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS	MAX MIN																																
BALTIMORE WB AIRPORT	MAX MIN	87 61	89 67	91 69	71 66	86 65	78 56	78 54	86 57	83 61	86 63	93 63	94 67	83 59	79 53	69 62	74 65	87 64	90 70	89 65	79 67	78 68	79 62	82 59	84 60	90 63	83 68	80 62	80 53	84 55	95 66	83.6 62.3	
BELTSVILLE	MAX MIN	81 53	84 66	86 70	82 63	86 61	76 51	76 51	75 55	83 58	87 59	90 62	90 63	90 63	81 48	77 59	69 62	76 61	88 67	89 61	86 65	80 63	80 54	77 53	81 53	84 60	88 66	81 68	76 47	77 48	81 60	81.8 59.2	
BELTSVILLE PLANT STA 5	MAX MIN	80 59	83 66	85 69	87 63	73 65	85 52	76 52	75 56	85 61	83 60	88 60	91 60	90 65	80 49	77 62	70 63	77 62	88 68	90 62	86 66	78 64	83 60	77 53	83 55	83 60	89 67	80 67	75 49	78 50	80 64	81.8 60.6	
COLLEGE PARK	MAX MIN	81 63	84 66	89 71	86 65	86 63	76 52	76 52	86 59	86 59	83 62	93 63	94 63	90 65	79 51	71 62	75 65	88 64	91 65	90 64	89 65	82 64	79 63	82 57	84 56	92 62	80 67	79 68	79 51	83 51	93 68	85.4 61.7	
DALECARLIA RESRV D C	MAX MIN	85 65	86 69	87 67	87 66	86 62	75 56	86 56	86 59	88 61	91 62	92 65	92 65	87 66	82 49	77 56	80 66	88 64	90 68	90 66	89 66	84 66	85 62	85 60	84 60	94 64	90 60	80 68	78 53	81 52	92 67	85.5 62.3	
FORT GEORGE G MEADE	MAX MIN	83 57	86 61	87 69	82 64	85 64	84 56	76 52	85 51	83 56	87 59	92 63	91 63	83 61	80 49	75 46	74 63	88 62	88 68	88 61	87 65	79 66	80 54	86 54	84 54	89 59	85 70	80 68	78 47	81 49	91 63	83.9 59.4	
GLENN DALE BELL STA	MAX MIN	83 59	85 67	88 65	87 62	85 63	86 62	75 47	85 51	84 55	86 59	91 62	92 60	92 62	80 48	77 60	75 64	88 61	90 67	89 61	88 64	81 63	79 60	82 53	84 54	90 59	89 69	81 61	78 46	81 48	91 64	84.7 59.2	
LAUREL 3 W	MAX MIN	81 61	84 67	89 69	86 63	85 61	83 61	74 54	85 60	85 61	88 61	91 65	94 70	89 63	78 52	72 56	75 62	86 62	87 67	88 65	83 64	80 66	77 62	82 62	83 62	89 65	85 67	80 55	80 50	91 66	83.7 62.8		

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DAILY TEMPERATURES

MARYLAND AND DELAWARE
JUNE 1970

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	MAX MIN																																
NATIONAL ARBORETUM D C	MAX MIN	83 60	85 58	88 69	84 64	85 63	85 62	77 52	85 57	84 59	89 62	93 62	93 69	89 61	82 50	75 61	79 66	89 63	90 66	90 65	88 67	85 63	81 61	84 57	84 60	92 66	88 67	80 68	80 51	80 52	93 67	85.4 61.6	
SUITLAND	MAX MIN	80 65	82 68	85 68	86 63	72 64	85 63	76 50	75 56	82 61	82 63	86 61	90 68	91 65	82 52	76 59	69 63	77 63	87 66	88 65	88 65	80 65	83 61	78 56	83 59	83 64	90 66	80 68	76 49	79 52	80 63	81.7 61.7	
U. S. SOLDIERS HOME DC	MAX MIN	83 58	85 68	86 67	75 65	84 64	78 56	76 56	88 63	85 64	88 64	91 64	92 69	82 65	80 58	75 64	78 65	87 65	90 68	89 69	80 66	84 66	79 61	83 61	83 64	90 68	80 68	80 54	81 58	94 66	83.5 63.5		
UPPER MARLBOR 3 NNW	MAX MIN	81 60	85 64	88 70	88 62	74 59	84 64	77 52	75 64	84 62	83 58	85 60	92 63	91 64	81 48	77 60	69 60	79 62	88 67	89 63	89 66	79 63	81 63	78 55	83 54	84 61	91 66	80 69	80 49	79 49	81 61	82.5 60.6	
* * *																																	
NORTHERN EASTERN SHORE	05																																
CENTREVILLE	MAX MIN	86 67	87 71	89 74	86 62	85 67	78 62	75 62	83 53	84 55	85 56	89 58	92 66	80 58	77 48	72 55	72 63	88 64	87 69	86 64	78 62	78 58	79 66	83 56	83 59	90 65	90 67	78 59	78 52	80 50	89 68	82.9 61.2	
CHESTERTOWN	MAX MIN	84 64	85 69	85 70	72 63	84 62	76 55	75 53	81 57	82 59	84 60	87 62	89 67	82 57	76 53	68 57	72 62	86 64	85 67	86 66	77 66	77 63	78 64	83 58	82 63	89 65	79 68	76 54	80 54	90 67	81.0 61.5		
COLLEMAN 3 NNW	MAX MIN	87 62	89 68	88 68	88 63	87 62	84 60	76 54	83 59	82 58	85 57	91 63	91 69	87 62	81 51	76 56	71 61	85 64	86 66	89 66	83 61	75 61	83 58	83 62	90 62	81 67	79 69	80 53	82 56	92 65	83.9 61.6		
EASTERN NECK ISLAND	MAX MIN	82 68	84 70	83 70	82 67	83 63	85 63	75 57	79 65	80 63	84 61	86 63	90 71	86 64	79 55	75 60	73 66	85 65	86 69	85 68	86 67	78 64	77 67	81 65	83 60	88 70	88 69	79 56	78 51	80 59	89 71	82.3 64.9	
MILLINGTON	MAX MIN	86 61	87 65	89 66	82 63	85 61	83 59	70 50	82 51	82 55	87 57	89 60	90 65	80 60	78 50	68 53	72 60	88 63	86 67	86 63	85 58	77 62	83 63	84 55	90 66	88 66	77 61	88 48	90 50	71 61	82.2 59.3		
* * *																																	
NORTHERN CENTRAL	06																																
ABERDEEN PHILLIPS FLD	MAX MIN	85 64	86 66	83 71	80 64	86 64	83 61	76 52	82 56	81 54	85 60	88 62	91 64	80 66	80 52	76 60	71 62	85 67	85 67	85 67	84 63	75 67	75 62	82 65	83 57	85 64	85 67	78 55	82 57	92 66	82.2 62.4		
BALTIMORE WB CITY	MAX MIN	86 67	88 70	90 70	73 66	88 66	78 62	79 60	87 64	84 62	88 70	93 72	93 70	82 68	79 65	70 68	74 68	88 72	89 71	90 68	80 78	80 67	86 66	86 67	93 69	82 72	79 64	81 62	84 62	95 68	84.1 67.3		
BENSON POLICE BARRACKS	MAX MIN	84 61	84 65	87 65	83 62	85 62	85 60	74 51	84 53	83 59	86 60	90 60	90 66	78 60	78 50	77 59	70 60	85 66	85 66	86 64	86 62	76 60	76 61	82 55	82 55	88 59	86 66	86 65	77 54	82 50	90 63	82.8 60.0	
BOYDS 2 NW	MAX MIN	82 60	83 64	85 65	75 61	84 63	80 57	73 52	84 56	83 60	85 61	88 62	87 63	77 60	77 52	73 59	75 60	85 61	89 65	87 63	81 62	79 62	75 60	80 57	82 56	86 62	83 66	80 51	76 52	87 62	81.3 60.0		
CATOCTIN MOUNTAIN PARK	MAX MIN	80 60	82 62	82 64	82 55	77 59	72 53	62 54	83 50	84 61	83 65	85 64	83 65	72 58	70 54	68 59	66 58	81 62	83 63	85 63	78 54	72 59	72 57	78 55	79 55	82 62	82 62	75 51	74 57	83 62	77.6 58.9		
CLARKSVILLE 3 NNE	MAX MIN	84 56	84 60	88 68	79 64	85 64	81 60	73 47	85 51	84 56	86 59	90 57	90 59	85 59	77 47	74 59	74 62	87 63	89 67	89 61	84 63	80 62	78 59	81 51	84 52	87 58	85 66	80 67	77 46	79 47	89 61	82.9 58.4	
CONOWINGO DAM	MAX MIN	64 60	85 65	86 67	70 62	82 62	74 54	76 50	82 53	81 60	84 61	89 62	89 63	80 59	77 51	65 49	72 62	83 66	86 64	77 60	73 59	77 61	82 54	83 56	88 61	79 67	79 67	78 51	82 52	91 63	80.6 59.6		
ELKTUN	MAX MIN	85 58	85 68	88 66	83 60	85 61	83 61	76 46	82 50	82 56	86 58	90 66	90 64	78 57	80 49	74 51	73 60	86 65	86 62	86 61	75 57	85 52	83 55	84 55	90 59	85 60	77 48	79 48	81 64	91 64	82.8 58.4		
EMMITSBURG 2 SE	MAX MIN	84 54	84 61	87 66	83 57	83 58	73 53	80 46	80 50	87 61	88 60	90 55	88 66	79 56	77 46	70 58	69 59	86 65	87 65	84 57	79 56	75 56	77 55	81 49	83 49	87 59	82 62	78 62	79 46	89 62	81.6 56.5		
FREDERICK WFMD	MAX MIN																																
PARKTON 2 SW	MAX MIN	84 56	83 63	85 66	71 60	81 61	71 51	72 47	83 54	84 59	82 57	89 59	87 59	77 56	73 47	64 59	69 60	83 66	85 65	82 60	74 56	72 55	75 58	79 54	81 53	85 61	79 65	72 49	75 49	87 62	78.7 57.4		
ROCKVILLE 4 NE	MAX MIN	84 58	85 67	84 68	83 64	86 62	84 60	82 48	79 52	88 54	87 60	90 57	90 56	90 60	78 48	72 48	80 60	88 60	87 65	78 58	80 63	80 58	88 57	87 62	87 52	83 66	83 46	83 62	89 62	87.9 58.4			
TOWSON	MAX MIN	82 64	85 68	88 70	80 64	84 63	80 61	75 53	84 59	83 63	85 64	90 71	90 65	80 62	79 56	73 62	70 64	84 65	83 65	85 65	77 63	78 63	81 59	81 61	89 63	82 68	80 55	79 58	80 66	90 66	82.2 63.1		
UNIONVILLE	MAX MIN	83 56	85 63	87 68	71 61	84 63	73 55	74 46	85 51	86 60	86 60	88 57	87 61	75 56	80 61	75 61	70 61	85 63	88 66	83 60	78 60	77 59	77 60	80 50	82 50	86 58	81 66	76 62	77 45	78 48	89 63	80.9 58.2	
WESTMINSTER 2 SSE	MAX MIN	83 57	84 64	86 67	76 60	82 61	75 57	73 49	85 55	84 61	85 61	89 60	86 66	75 60	75 50	69 58	85 61	87 64	82 66	80 58	77 57	75 60	79 52	81 54	85 63	81 66	79 61	75 48	78 64	87 64	80.2 59.0		
WHEATON REGIONAL PARK	MAX MIN	80 61	82 66	86 69	83 64	83 64	81 60	72 51	82 58	86 60	87 58	87 59	87 61	81 63	77 51	72 61	71 62	83 61	87 66	86 63	83 64	77 64	78 61	80 55	82 55	85 62	83 66	77 51	75 51	88 61	81.3 60.5		
WOODSTOCK	MAX MIN	85 56	86 62	87 68	75 64	86 63	78 59	74 47	86 50	85 57	87 59	90 57	90 59	79 59	77 47	58																	
* * *																																	
APPALACHIAN MOUNTAIN	07																																

Continued

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JUNE
1970

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		MAX																																
		MIN																																
HANCOCK FRUIT LAB	MAX	83	87	88	86	68	82	68	77	88	89	87	89	88	77	72	68	73	86	91	82	78	70	77	81	85	83	79	69	78	79	80.3		
	MIN	57	58	63	59	61	59	48	51	60	59	55	58	63	46	61	62	66	66	62	54	54	56	49	50	56	65	65	45	50	58	57.2		
PICARDY	MAX	85	89	86	69	83	70	76	89	86	85	89	90	84	71	67	78	89	91	82	79	73	76	80	86	87	81	69	77	81	86	81.1		
	MIN	61	63	65	60	60	57	45	53	58	60	56	61	61	48	58	61	63	64	62	54	53	58	51	53	61	65	61	46	51	63	57.7		
WESTERNPORT UPRC	MAX	86	91	86	84	83	78	76	88	89	87	88	91	87	73	74	81	89	89	88	81	78	81	82	87	88	85	79	75	82	83	83.6		
	MIN	58	60	63	61	62	61	43	53	60	59	54	54	61	51	53	63	63	64	63	54	53	62	50	52	57	67	62	46	49	61	57.3		
* * *																																		
ALLEGHENY PLATEAU 08																																		
BITTINGER 2 NW	MAX	76	80		76	74	66	64	78	78	78	80	78	68	61	65	74	79	79	75	67	72	65	72	76	76	76	65	67	72	77	72.9		
	MIN	55	56		59	56	53	39	52	54	53	57	57	56	52	53	59	60	61	57	45	50	53	48	51	58	61	52	41	48	62	53.7		
OAKLAND 1 SE	MAX	80	82	78	77	77	74	68	81	80	80	84	83	71	68	67	76	81	80	77	70	74	67	75	78	79	80	73	70	75	76	76.0		
	MIN	49	52	58	60	54	55	36	48	55	51	47	53	55	55	55	59	58	61	60	49	50	55	43	46	53	58	54	39	43	60	52.4		
SAVAGE RIVER DAM	MAX	80	81	85	81	73	81	70	71	84	84	84	88	82	69	64	68	79	84	83	75	72	77	70	79	82	81	78	65	73	76	77.3		
	MIN	52	58	61	61	61	59	41	51	58	56	53	58	59	52	54	57	60	62	61	52	51	54	49	51	54	64	59	45	48	51	55.1		
SINES DEEP CREEK 2		MAX																																
		MIN																																
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
MIDDLETOWN 1 WSW	MAX	88	88	88	88	86	86	76	83	82	83	90	92	89	79	75	72	87	86	87	84	78	78	83	83	89	88	78	80	82	90	83.9		
	MIN	61	67	68	64	62	62	51	55	57	59	61	65	61	53	54	65	67	63	63	60	63	57	59	61	67	67	51	52	65	60.7			
NEWARK UNIVERSITY FARM	MAX	85	88	90	86	84	85	75	83	83	83	90	91	85	80	72	70	85	87	87	85	75	76	82	83	88	85	76	79	81	88	82.9		
	MIN	59	64	65	60	61	57	51	53	58	59	60	64	59	50	53	60	64	65	62	75	56	60	55	55	60	66	67	54	50	63	59.5		
WILMGTON NCASTLE WB AP	MAX	86	88	89	71	86	76	77	84	79	81	91	91	80	75	69	72	85	87	87	77	73	77	83	84	87	76	77	79	81	89	81.2		
	MIN	63	68	70	64	63	54	52	56	62	63	64	68	61	58	59	65	68	68	65	64	62	62	58	61	63	70	57	53	55	68	62.1		
WILMGTON PORTER RESVR	MAX	84	85	87	69	83	71	73	82	81	82	90	90	78	74	67	70	89	84	84	73	70	75	80	80	85	75	74	77	79	88	79.3		
	MIN	63	66	67	60	59	54	50	56	60	61	65	64	58	53	56	60	65	66	64	59	58	61	57	58	63	67	57	53	57	65	60.1		
* * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	MAX	87	86	86	85	86	82	74	81	81	81	89	92	60	75	72	75	88	86	88	79	81	81	83	82	92	76	78	73	81	88	82.3		
	MIN	60	66	66	63	60	60	53	53	54	56	62	66	62	48	51	64	67	70	67	67	63	67	60	58	64	68	67	52	51	63	60.9		
DOVER	MAX	85	88	89	86	85	84	74	82	81	78	89	93	87	75	71	72	84	87	87	86	79	78	82	81	90	85	78	78	81	89	82.8		
	MIN	62	64	68	65	62	60	53	56	58	59	62	69	64	53	54	63	65	69	65	65	62	63	53	62	65	65	67	54	53	64	61.5		
GEORGETOWN 5 SW	MAX	81	85	87	86	77	86	79	73	81	79	80	88	92	78	74	72	74	87	87	87	78	79	79	81	82	91	76	78	77	81	81.2		
	MIN	61	65	66	64	61	62	55	51	53	57	62	64	65	47	49	61	66	71	68	67	62	67	59	56	64	68	66	57	51	62	60.9		
LEWES 1 SW	MAX	84	86	87	75	87	82	75	80	77	74	84	92	75	71	72	71	85	87	84	76	74	75	79	80	90	70	79	76	80	87	79.8		
	MIN	65	68	67	62	59	61	54	53	56	59	62	67	64	50	51	65	70	71	66	67	64	64	59	59	66	67	64	58	57	65	62.0		
MILFORD 2 WSW	MAX	87	88	88	85	88	86	75	83	81	80	89	92	86	74	73	73	87	87	88	87	80	80	83	84	91	84	78	78	82	88	83.5		
	MIN	61	65	66	64	61	62	52	54	55	57	61	67	64	49	50	64	67	70	65	67	63	65	57	58	64	68	68	51	51	64	61.0		
SELBYVILLE	MAX	84	85	87	85	83	83	74	84	80	77	85	92	90	72	75	73	88	86	88	86	75	80	80	80	81	77	80	79	81	87	81.9		
	MIN	63	66	65	62	60	63	55	51	51	58	63	66	65	49	49	64	68	70	68	67	62	63	60	57	65	67	67	53	53	64	61.1		

See Reference Notes Following Station Index

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JUNE 1970

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	-	.19	.20	-	.09	.25	.11	.21	.23	.26	.26	.25	.28	.30	.29	.08	.23	-	.32	.43	.24	.46	.27	.32	.26	.28	.19	.33	.30	.22	7.618
		WIND	-	.32	.52	.39	.30	.40	.48	.44	.26	.25	.21	.22	.48	.32	.64	.34	.21	.24	.46	.78	.50	.45	.61	.29	.45	.45	.46	.118	.60	.40	13098
		MAX	92	91	92	91	83	93	82	85	90	91	92	95	95	89	85	72	85	93	95	89	86	85	85	91	91	95	87	80	85	84	88.3
		MIN	54	66	68	69	68	67	59	59	62	65	68	68	66	58	59	60	64	69	71	67	66	68	65	64	65	68	70	61	55	59	64.3
UPPER MARLBORO 3 NNW		EVAP	-	-	-	-	.31	.29	.19	.20	.15	.32	.20	.22	.28	.26	.05	.20	.07	*	.46	.22	.10	.22	.29	.13	.23	.27	.31	.26	.25	6.588	
		WIND	37	63	77	43	33	47	37	26	32	18	18	20	39	27	48	18	21	24	44	34	26	25	29	22	49	24	28	55	29	43	1036
		MAX	92	93	95	99	84	91	86	86	92	92	95	96	95	90	89	68	80	96	97	93	91	87	89	94	92	97	85	85	83	84	89.9
		MIN	62	65	65	64	64	63	57	60	61	65	66	67	67	56	61	61	64	68	69	66	66	67	63	62	64	66	70	57	60	53	63.3
* * *																																	
APPALACHIAN MOUNTAIN	07																																
BOONSBORO		EVAP	.20	.20	.14	.12	.09	.13	.16	.19	.21	.16	.24	.22	.14	.20	.11	.04	.13	.24	.25	.25	.14	.19	.19	.22	.22	*	*	.56	.14	.18	5.26
		WIND	22	35	19	10	10	17	16	11	10	8	11	15	11	25	42	23	13	26	28	24	16	21	12	15	16	*	*	72	9	25	562
* * *																																	
ALLEGHENY PLATEAU	08																																
SAVAGE RIVER DAM		EVAP	.15	.20	.21	.17	*	.34	.21	.12	.25	.22	.25	.20	.25	.10	.03	.08	.06	.26	.25	.27	.24	.11	.14	.27	.19	.13	.17	.12	.30	.04	5.33
		WIND	30	20	28	36	30	62	79	41	66	41	34	22	75	26	24	28	75	*	56	116	54	75	62	25	60	34	52	106	48	42	1447
		MAX	86	84	91	86	78	82	75	77	90	91	93	97	88	73	64	72	81	90	88	81	82	77	71	92	93	87	86	68	85	82	83.0
		MIN	54	53	63	55	52	62	49	49	58	61	60	59	62	62	57	61	64	65	65	56	57	56	55	58	55	62	69	50	50	52	57.7
DELAWARE																																	
* * *																																	
NORTHERN	01																																
NEWARK UNIVERSITY FARM		EVAP	.22	.26	.22	.19	.16	.19	.19	.18	.15	.33	.21	.17	.29	.28	*	*	.14	.10	-	.27	.31	-	.21	.23	.12	.28	.24	.26	.22	.22	6.048
		WIND	32	35	40	39	30	38	39	39	22	21	23	46	46	27	20	16	14	25	53	55	32	50	11	25	25	30	53	12	-	-	9628
		MAX	90	96	96	95	87	88	83	89	88	92	94	94	90	89	81	66	88	90	90	86	84	85	91	92	91	92	81	88	88	91	88.5
		MIN	65	67	68	64	61	64	52	56	64	64	66	67	56	60	58	60	66	69	65	64	64	65	60	65	66	70	69	55	57	65	63.1
* * *																																	
SOUTHERN	02																																
GEORGETOWN 5 SW		EVAP	.28	.29	.43	.36	.14	.45	.14	.26	.28	.25	.20	.27	.34	.39	.25	.11	.04	.29	.32	.40	.16	.24	.21	.27	.29	.35	.08	.17	.29	.35	7.90
		WIND	86	123	149	122	48	122	85	62	56	30	46	46	77	65	51	59	64	90	92	52	47	74	46	28	91	62	50	118	34	84	2159

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JUNE 1970
DELAYED 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		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	14° or Below										
MARYLAND																							
* * * NOVEMBER 1969																							
PICARDY	50.9	32.4	41.7		69	1	12	22	695	0	0	13	0	2.09		.73	2	.0	0		6	1	0
DELAWARE																							
* * * NOVEMBER 1968																							
DOVER	57.8	40.3	49.1	1.2	78	2	28	23+	472	0	0	3	0	4.62	.95	1.38	10	.0	0		8	2	2
* * * FEBRUARY 1970																							
LEWES 1 SW	45.6	27.2	36.4		60	25	9	5	794	0	1	20	0	3.82		1.31	3	3.9	2	14+	6	4	1

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
NOVEMBER 1969	CLIMATOLOGICAL DATA	NORTHERN CENTRAL 06	COTOCTIN MOUNTAIN PARK	MAXIMUM DEPTH OF SNOW ON GROUND ON 19TH 2
JANUARY 1970	DAILY PRECIPITATION	NORTHERN CENTRAL 06	FREDERICK 3 E	TOTAL PRECIPITATION 1.02; AMOUNT ON 2D 0

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JUNE 1970
DELAYED DATA

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																																
* * *																																
OCTOBER 1969																																
WILLIAMSPORT	1.84		.06	1.20	.01				.12								.02					.43										
* * *																																
NOVEMBER 1969																																
PICARDY	2.09		.73	.28	.18	T			.39	.07		T		.22						.22												
DELAWARE																																
* * *																																
NOVEMBER 1968																																
DOVER	4.62				.26	T		.36	.17		1.38	1.15	.08			.03	.01	.38	.30	T					.46		T	.04	T			
* * *																																
FEBRUARY 1970																																
LEWES 1 SW	3.82		.60	1.31						T	.32	T		.28	.56	.08	.61	.01								T		.05				

DAILY TEMPERATURES

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																																	
* * *																																	
NOVEMBER 1969																																	
PICARDY	MAX MIN	59 51	61 54	60 49	55 36	44 34	50 39	48 35	50 42	51 33	52 44	53 45	59 39	54 29	47 33	35 18	50 22	54 23	59 32	57 33	36 24	34 19	45 12	61 33	55 38	55 21	49 37	48 21	50 24	45 23	40 28	50.9 32.4	
DELAWARE																																	
* * *																																	
NOVEMBER 1968																																	
DOVER	MAX MIN	69 33	78 48	72 48	61 48	60 50	57 50	57 51	55 47	53 39	47 38	50 34	47 36	45 33	51 34	62 33	63 41	57 45	64 49	64 39	43 32	43 28	60 35	57 28	66 41	60 40	51 33	60 38	60 46	67 53	54 40	57.8 40.3	
* * *																																	
FEBRUARY 1970																																	
LEWES 1 SW	MAX MIN	59 32	57 38	58 37	37 12	37 9	43 26	42 25	41 23	42 34	48 38	42 33	41 27	42 25	32 24	41 32	36 31	36 30	46 32	58 35	40 23	39 19	58 25	51 37	58 23	60 34	40 12	50 18	42 27		45.6 27.2		

See Reference Notes Following Station Index

STATION INDEX

MARYLAND AND DELAWARE
JUNE 1970

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTE)	
MARYLAND												
ADERDEN PHILLIPS FLD	0015 06	HARTFORD	1 39 28	76 10	57	59	59					ROSS AVIATION INC.
ANNAPOLIS	0193 04	ANNE ARUNDEL	1 38 59	76 30	40	69	69					ARTHUR N. MILLER
ASSATEAGUE STATE PARK	0335 01	WORCESTER	2 38 14	75 08	7	69	69					ASSATEAGUE STATE PARK
BALTIMORE WB AIRPORT A	0405 04	ANNE ARUNDEL	3 39 11	76 40	148	110	110					U.S. WEATHER BUREAU
BALTIMORE WB CITY A	0470 06	BALTO CITY	3 39 17	76 37	14	110	110					U.S. WEATHER BUREAU
BELTSVILLE	0700 04	PRIN. GEORGES	5 39 02	76 53	120	94	94					CHESTER H. DODSON
BELTSVILLE PLANT STA 5	0705 04	PRIN. GEORGES	5 39 01	76 57	100	94	94					USDA PLANT IND. STA.
BENSON POLICE BARRACKS	0732 06	HARFORD	1 39 20	76 23	365	59	59					MD. STATE POLICE
BITTINGER 2 NW	0881 08	GARRETT	1 39 37	76 15	2700	79	79					ELBERT E. BUCKEL
BLACKWATER REFUGE	0915 02	DORCHESTER	1 38 26	76 08	5	59	59					NAT. WILDLIFE REFUGE
BRONSDORF	0986 07	WASHINGTON	5 39 31	77 39	739	69	69					J. HOWARD BECKENBAUGH
BOYD 2 NW	1032 06	MONTGOMERY	5 39 13	77 20	580	69	69					HUNTER F. STALEY
BRIGHTON DAM	1125 08	MONTGOMERY	4 39 12	77 01	330	84	84					WASH. SUB. SANV. COMM.
BROOKDALE	1170 08	MONTGOMERY	5 38 57	77 06	290	79	79					B. FRANCIS DASHIELL
CAMBRIDGE 4 W	1385 02	DORCHESTER	1 38 34	76 09	5	69	69					D. ARCY MC B. HARDING
CATCUTIN MOUNTAIN PARK	1530 06	FREDERICK	5 39 39	77 27	1750	49	49					CATCUTIN MOUNTAIN PARK
CENTREVILLE	1627 03	QUEEN ANNES	1 39 03	76 03	46	69	69					MARION G. LEIDY
CHARLOTTE HALL 2 SE	1686 03	ST. MARYS	4 38 28	76 46	166	59	59					MRS. SUSAN R. CARRICO
CHESTERTOWN	1750 03	KENT	1 39 13	76 04	40	119	119					T. W. ELIASON JR.
CHENSVILLE BRIDGEPORT	1790 07	WASHINGTON	5 39 39	77 40	550	69	69					LARSON H. WILFINGER
CLARKSVILLE 3 NNE	1852 08	HOWARD	4 39 15	76 56	355	59	59					UNIVERSITY OF MARYLAND
COLEMAN 3 NW	1980 03	KENT	1 39 21	76 08	78	69	69					W. B. HARRIS
COLLEGE PARK	1993 04	PRIN. GEORGES	3 39 59	76 56	70	59	59					U.S. GEOL. SURVEY
CROWNING DAM	2060 06	HARFORD	4 39 39	76 10	40	119	119					SUSQUEHANNA ELECTRIC CO.
CRISPFIELD SOWERS COVE	2215 02	SOMERSET	1 37 59	75 52	8	59	59					SOWERS COVE MARINA
CUMBERLAND	2280 07	ALLEGANY	5 39 39	78 45	900	69	69					MD. STATE POLICE
CUMBERLAND POLICE BRKS	2285 07	ALLEGANY	5 39 38	78 40	970	59	59					MD. STATE POLICE
DENTON 1 NW	2523 02	CAROLINE	1 38 54	75 51	40	69	69					WAVE A. CANKLEY
EASTERN NECK ISLAND	2591 03	KENT	1 39 01	76 14	20	59	59					EASTERN NECK WILDLIFE REF.
EASTON POLICE BARRACKS	2700 06	TALBOT	1 38 45	76 04	40	59	59					MARYLAND STATE POLICE
EDGEHONT	2710 07	WASHINGTON	5 39 40	77 33	903	74	74					LEE G. HANNE
ELKTON	2860 06	CECIL	1 39 37	75 50	40	69	69					H. W. BOUCHELLE
EMMITSBURG 2 SE	2906 04	FREDERICK	5 39 41	77 18	416	59	59					MRS. LUCILLE K. BEALE
FORT GEORGE G. HEADE	3230 04	ANNE ARUNDEL	4 39 06	76 45	140	59	59					FILTRATION PLANT
FREDERICK WFO	3350 06	FREDERICK	5 39 25	77 28	435	69	69					RADIO STATION WFO
FREDERICK 3 E	3355 06	FREDERICK	5 39 24	77 22	365	84	84					MISS J. MARY STALEY
FROSTBURG	3410 07	ALLEGANY	6 39 39	78 56	2140	59	59					G. DAVID DOWNTON
GLENN DALE BELL STA	3675 04	PRIN. GEORGES	4 38 58	76 48	120	49	49					PLANT INTRO. GARDEN
GRANTSVILLE	3795 08	GARRETT	7 39 42	79 09	2380	69	69					MRS. FANNIE B. MILLER
HAGERSTOWN	3875 07	WASHINGTON	5 39 38	77 44	960	69	69					HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030 07	WASHINGTON	5 39 42	78 11	428	84	84					U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080 09	CHARLES	5 38 32	77 00	140	59	59					C. RUSSELL LEVERING
LAUREL 3 W	5111 04	PRIN. GEORGES	4 39 06	76 54	400	59	59					WASH. SUB. SANV. COMM.
LEONARDTOWN 3 NW	5201 09	ST. MARYS	5 38 19	76 40	46	59	59					RADIO STATION WKIK
LOCH RAVEN DAM	5340 06	BALTIMORE	1 39 26	76 23	190	59	59					CITY OF BALTIMORE
MERRILL	5694 08	GARRETT	5 39 36	79 05	1790	84	84					DELWOOD E. MERRILL
MILLINGTON	5965 05	KENT	1 39 15	75 51	30	69	69					LOUIS W. HOLLETT
NEW GERNANY	6408 08	GARRETT	5 39 38	79 07	2390	59	59					ARCHIE BITTINGER
OAKLAND 1 SE	6620 08	GARRETT	7 39 24	79 24	2420	59	59					LOGAN WEBER
OWINGS FERRY LANDING	6700 03	CALVERT	4 38 41	76 40	160	59	59					JAMES E. BOURNE, JR.
PARKYTN 2 SW	6844 08	BALTIMORE	1 39 38	76 42	600	119	119					JOHN R. RUX
PERRY POINT	6980 08	CECIL	1 39 33	76 04	40	59	59					VETERANS ADMINISTRATION
PICARDY	7010 07	ALLEGANY	5 39 33	78 31	1030	59	59					POTOMAC HUNO. ORCHARD
POTOMAC CITY 1 S	7140 01	MORCESTER	1 38 03	75 34	20	59	59					RADIO STATION WDMV
POTOMAC FILTER PLANT	7270 08	MONTGOMERY	5 39 02	77 15	270	84	84					WASH. SANITARY COMM.
PRESTON 1 S	7310 02	CAROLINE	1 38 42	75 55	50	69	69					FRANKLIN D. NUSBAUM
PRINCE FREDERICK 1 N	7325 02	CALVERT	1 38 33	76 55	135	59	59					STANLEY L. WATSON
PRINCESS ANNE	7330 01	SOMERSET	1 38 13	75 41	20	59	59					MARYLAND ST. COLLEGE FRM
ROCKVILLE 4 NE	7705 06	MONTGOMERY	5 39 07	77 06	320	59	59					WILLIAM R. NOPPER
ROYAL OAK	7806 02	TALBOT	1 38 43	76 11	10	69	69					J. L. SHALINE, JR.
DELAWARE												
SALISBURY	8000 01	WICOMICO	1 38 22	75 35	10	59	59					CITY OF SALISBURY
SALISBURY FAA AIRPORT	8005 01	WICOMICO	1 38 20	75 30	10	59	59					FED. AVIATION AGENCY
SAVAGE RIVER DAM	8008 08	GARRETT	5 39 31	79 08	1495	84	84					U.S. CORPS OF ENGINEERS
SINES DEEP CREEK	8315 08	GARRETT	7 39 32	79 25	2040	74	74					PA. ELECTRIC CO.
SINES DEEP CREEK 2	8320 08	GARRETT	7 39 32	79 29	2040	74	74					MRS. THELMA REAM
SNOW HILL 4 N	8380 01	WODGECSTER	1 38 14	75 23	28	69	69					CURTIS S. SMOCKLEY
SOLOMONS	8405 03	CALVERT	1 38 19	76 27	12	69	69					CHESAPEAKE BTOL. LAB.
SUITLEND	8654 04	PRIN. GEORGES	5 39 51	76 56	270	94	94					EUGENE H. BROWN
TOWSON	8677 06	BALTIMORE	5 39 23	76 34	370	69	69					BENJAMIN FRIED
UNIONVILLE	9030 08	FREDERICK	5 39 27	77 11	430	69	69					G. P. VON EIFF, JR.
UPPER MARLBORO 3 NW	9070 04	PRIN. GEORGES	4 38 52	76 47	98	84	84					TOBACCO EXP. FARM
VIENNA	9140 02	DORCHESTER	1 38 29	75 50	12	69	69					DELMERVE POWER & LIGHT
WALDORF POLICE BRKS	9195 03	CHARLES	5 38 39	76 53	210	59	59					MD. STATE POLICE
WESTPORT UPMC	9408 07	ALLEGANY	5 39 28	78 03	850	69	69					UPPER POTOMAC RIVER COM
WESTMINSTER 2 SSE	9435 08	CARROLL	1 39 33	76 59	810	69	69					L. EUGENE PURDUM
WESTON REGIONAL PARK	9502 08	MONTGOMERY	5 39 04	77 02	330	59	59					PARK & PLANNING COMM.
WILLIAMSBURG	9575 07	WASHINGTON	5 39 37	77 31	380	74	74					HAGERSTOWN MTR. PLANT
WOODSTOCK	9750 08	BALTIMORE	5 39 20	76 52	415	69	69					WOODSTOCK COLLEGE
DISTRICT OF COLUMBIA												
DALECARLIA RESVR D C	2325 04		5 39 56	77 07	146	59	59					CORPS OF ENGINEERS
NATIONAL ARBORETUM D C	6350 04		5 39 54	76 58	50	49	49					U.S. NAT. ARBORETUM
U.S. SOLDIERS HOME DC	9035 04		5 38 58	77 01	230	110	110					U.S. SOLDIERS HOME
DELAWARE												
BRIDGEVILLE 1 NW	1330 02	SUSSEX	1 38 45	75 37	56	59	59					WILLIAM RAY
DOVER	2730 02	KENT	2 39 09	75 31	30	59	59					STATE HIGHWAY DEPT.
GEORGETOWN 5 SW	3870 02	SUSSEX	1 38 38	75 38	45	84	84					UNIT. AGRI. EXP. STA.
LEWES 1 SW	5320 02	SUSSEX	2 38 45	75 09	20	69	69					FREDERICK D. VOGL
MIDDLETOWN 1 WSW	5825 01	NEW CASTLE	2 39 28	75 45	60	49	49					PIONEER HERB. COMM. CO.
MILFORD 2 WSW	5915 02	SUSSEX	2 38 54	75 28	30	59	59					MRS. BERNARD FRANKEL
NEWMARK UNIVERSITY FARM	6410 01	NEW CASTLE	2 39 40	75 46	90	69	69					UNIV. OF DELAWARE
SELBYVILLE	8265 02	SUSSEX	2 38 28	75 13	32	59	59					L. WARREN LONG
WILMINGTON NCATTLE WB AP	9595 01	NEW CASTLE	2 39 40	75 32	274	110	110					U.S. WEATHER BUREAU
WILMINGTON PORTER RESVR	9605 01	NEW CASTLE	2 39 46	75 32	274	110	110					WATER DEPARTMENT

† DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-VOUGHGHEENY

REFERENCE NOTES

MARYLAND AND DELAWARE
JUNE 1970

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 34, Symons Hall, University of Maryland, College Park, Maryland 20740, or to any Weather Bureau 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 Bureau 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 Bureau 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.

SNOWFALL: Entries of snowfall in the "Climatological 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 "Climatological 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.
- 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.
- 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 these States, price 25 cents. Similar information for regular Weather Bureau stations 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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