



# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

U.S. DEPARTMENT OF COMMERCE  
C. R. SMITH, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

JULY 1968

Volume 72 No. 7

## CLIMATOLOGICAL DATA

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degrees Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										90° or Above	80° or Above	70° or Above	60° or Above					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
																								50° or Above
MARYLAND																								
* * * SOUTHERN EASTERN SHORE 01																								
CRISFIELD SOMERS COVE	85.3	71.9	78.6	.8	92	1	66	13+	0	3	0	0	0	2.74	- 2.31	.90	26	.0	0			5	2	0
OCEAN CITY HOTEL	87.1M	65.0M	76.1M		97	1			0	12	0	0	0	3.79		.95	15	.0	0			6	5	0
POCOMOKE CITY 1 S	87.3	66.1	76.7		96	2+	54	7	0	10	0	0	0	4.44		3.01	4	.0	0			6	5	1
PRINCESS ANNE SALISBURY	87.1	66.6	77.9		101	2	60	7	0	9	0	0	0	4.17	- .22	2.66	4	.0	0			6	5	1
SALISBURY FAA AIRPORT	87.6	69.8	78.7		98	2+	61	7	0	12	0	0	0	4.96		2.84	3	.0	0			7	3	1
SNOW HILL 4 N	84.7	69.7	75.2	- 1.5	96	1	56	9	0	8	0	0	0	2.64	- 2.48	.74	4	.0	0			6	2	0
DIVISION																								
* * * CENTRAL EASTERN SHORE 02																								
BLACKWATER REFUGE	85.2	68.0	76.6		98	2	59	30	0	5	0	0	0	3.19		1.52	26	.0	0			6	6	1
CAMBRIDGE 4 W	86.8	66.7	76.8		96	2+	58	5	0	10	0	0	0	3.30		.80	14	.0	0			5	5	0
DENTON 1 NNW	89.1M	65.4M	77.3M		99	2	56	30	0	16	0	0	0	1.74		.72	13	.0	0			7	1	0
EASTON POLICE BARRACKS	88.5	67.6	78.1	.8	98	2	60	30+	0	12	0	0	0	2.46	- 2.28	.92	3	.0	0			7	1	0
PRESTON 1 S	88.2	65.9	77.1		96	2+	56	30	0	12	0	0	0	.96		.70	3	.0	0			1	1	0
ROYAL OAK VIENNA	87.9	67.2	77.6		97	2	59	7	0	11	0	0	0	2.92		1.10	3	.0	0			4	2	2
	88.9	69.2	79.1		99	1	60	7	0	10	0	0	0	1.97		.80	26	.0	0			6	1	0
DIVISION																								
* * * LOWER SOUTHERN 03																								
CHARLOTTE MALL SCHOOL																								
LA PLATA 1 W	87.6	63.3	75.5		96	24+	52	5	0	11	0	0	0	1.85		1.05	26	.0	0			2	2	1
LEONARDTOWN 3 NW	88.3	62.2	75.3		95	2+	53	5	0	16	0	0	0	3.19		.97	15	.0	0			5	5	0
DWINGS FERRY LANDING	86.8	66.3	76.6	-.3	97	1	57	5	0	12	0	0	0	2.88	- 1.39	1.39	3	.0	0			6	6	1
PRINCE FREDERICK																								
SOLOMONS WALDORF POLICE BRKS	87.1	71.4	79.3	.5	96	25+	64	5	0	10	0	0	0	1.45	- 4.12	.73	26	.0	0			5	1	0
	88.9	69.3	77.1		97	1	55	5	0	13	0	0	0	2.40		1.55	3	.0	0			4	1	1
DIVISION																								
* * * UPPER SOUTHERN 04																								
ANNAPOLIS	87.0	68.2	77.6	.1	96	1	60	5	0	10	0	0	0	1.86	- 2.28	.81	3	.0	0			4	4	0
BALTIMORE WB AIRPORT	88.0	68.3	78.2	1.4	98	1	59	5	0	12	0	0	0	2.75	- 1.47	1.89	2	.0	0			4	4	3
BELTSVILLE	86.4	64.5	75.5		95	3+	54	5	0	10	0	0	0	5.64		2.37	3	.0	0			4	4	2
BELTSVILLE PLANT STA B	86.7	64.9	75.8		95	3+	55	5	0	10	0	0	0	4.16		1.60	20	.0	0			4	4	2
COLLEGE PARK	88.4	67.4	77.9	1.1	97	1	57	5	0	12	0	0	0	2.28	- 1.86	1.22	3	.0	0			4	4	2
DALECARLIA RESVR D C																								
FORT GEORGE G MEADE	88.1	64.1	76.1		96	1	54	5	0	12	0	0	0	4.73		2.10	2	.0	0			4	4	2
GLENN DALE BELL STA	87.7	62.4	75.1	-.8	96	2	52	5	0	12	0	0	0	3.92	- 1.10	1.63	3	.0	0			4	4	2
LAUREL 3 W	87.3	67.5	77.4		95	2+	59	5	0	11	0	0	0	4.08		2.20	3	.0	0			4	4	2
NATIONAL ARBORETUM D C	88.6	67.2	77.9		96	2	56	5	0	12	0	0	0	2.83		1.31	3	.0	0			4	4	1
SUITLAND	86.6	67.9	77.3		95	1	58	5	0	10	0	0	0	2.41		1.12	3	.0	0			6	2	1
U. S. SOLDIERS HOME DC	87.7	68.3	78.0		97	1	60	5	0	13	0	0	0	1.10		.56	2	.0	0			3	2	0
UPPER MARLBORO 3 NNW	87.8	63.2	75.5		95	3+	54	5	0	13	0	0	0	1.78		.78	3	.0	0			3	2	0
DIVISION																								
* * * NORTHERN EASTERN SHORE 05																								
CENTREVILLE	87.2	65.1	76.2		96	2	55	30	0	10	0	0	0	1.68		.80	3	.0	0			4	4	0
CHESTERTOWN	87.1	66.2	77.7		95	2+	59	7	0	9	0	0	0	1.57		.80	2	.0	0			4	4	0
COLEMAN 3 NNW	89.2	66.9	78.1	.6	98	1	57	7	0	13	0	0	0	2.32	- 1.97	1.40	3	.0	0			4	4	1
EASTERN NECK ISLAND	87.2M	70.2	78.7M		94	2+	62	30	0	11	0	0	0	2.38		.90	15	.0	0			4	4	1
MILLINGTON	87.4	65.0	76.2	-.2	95	17+	56	30+	0	12	0	0	0	1.51	- 2.73	1.15	3	.0	0			3	3	1
DIVISION																								
* * * NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	86.5	68.1	77.3		95	1	58	7	0	9	0	0	0	3.25		2.15	19	.0	0			4	4	1
BALTIMORE WB CITY	89.8	74.4	82.1	3.0	100	2	66	5	0	13	0	0	0	2.68	- 1.71	1.40	19	.0	0			4	4	2
BENSON POLICE BARRACKS	88.3	64.2	76.3		95	25+	54	7	0	10	0	0	0	4.28		2.99	20	.0	0			3	3	1
BOYDS 2 NN	84.6	64.2	74.4		92	1	55	5	0	5	0	0	0	1.82		.91	19	.0	0			3	3	1
CATCOTIN MOUNTAIN PARK	80.8	60.9	70.9		88	23+	52	29+	1	0	0	0	0	.91		.53	14	.0	0			2	2	0
CLARKSVILLE 3 NNE	85.7	62.8	74.3		94	1	52	7	0	8	0	0	0	2.44		1.42	15	.0	0			4	4	1
CONDWINGO DAM	87.6	64.7	76.2		97	1	54	7	0	10	0	0	0	1.39		.54	19+	.0	0			4	4	1
ELKTON	89.4	65.3	77.4	1.2	96	17+	54	7	0	16	0	0	0	1.94	- 2.41	.90	19	.0	0			4	4	1
EMMITSBURG 2 SE	87.2	60.5	73.9		94	23+	47	5	1	11	0	0	0	.44		.13	25+	.0	0			4	4	0
FREDERICK WFMD	85.9	64.9	75.4	-.2	94	1	50	5	0	9	0	0	0	1.03	- 2.89	.66	19	.0	0			3	3	0
PARKTON 2 SW	84.0	62.4	73.2		92	1	49	5	1	6	0	0	0	1.88		1.25	19	.0	0			5	1	1

See Reference Notes Following Station Index  
SPECIAL WEATHER SUMMARY ON PAGE 76

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE  
JULY 1968

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		
										90° or Above	80° or Below	70° or Below	60° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
ROCKVILLE	87.7	62.1	74.9		96	1	52	30	0	11	0	0	0	2.41		1.90	3	.0	0		2	2	1
TOWSON	86.7	67.9	77.3		95	1	59	7+	0	10	0	0	0	2.59	- 1.58	1.00	15	.0	0		4	4	3
UNIONVILLE	84.9	62.3	73.6		93	1	50	7	0	7	0	0	0	1.07		.62	19	.0	0		3	1	0
WESTMINSTER 2 SSE	84.7	64.1	74.4	-.5	92	1	51	5	0	5	0	0	0	3.10	- 1.24	1.80	16	.0	0		4	2	1
WHEATON REGIONAL PARK	85.1	64.6	74.9		94	24	55	7+	0	6	0	0	0	3.50		2.27	3	.0	0		4	2	1
WOODSTOCK	88.3M	62.0M	75.2M	.1	95	1			0	10	0	0	0	1.82	- 2.38	1.56	15	.0	0		2	1	1
DIVISION			75.4	.0										2.15	- 2.14			.0					
* * *																							
APPALACHIAN MOUNTAIN 07																							
BOONSBORO	86.2	64.6	75.4		94	2+	52	5	0	10	0	0	0	.36		.16	4	.0	0		1	0	0
CHEWSVILLE BRIDGEPORT	89.2	63.2	76.2	1.8	97	24	49	5	0	15	0	0	0	.20	- 3.40	.20	25	.0	0		1	1	0
CUMBERLAND	88.1	59.2	73.7		96	22	48	5+	1	14	0	0	0	1.11		.83	15	.0	0		2	2	0
CUMBERLAND POLICE BRKS	86.7	61.1	73.9		94	22+	47	5	1	11	0	0	0	1.16		.38	26	.0	0		2	2	0
FROSTBURG	83.9	58.5	71.2	-.1	90	24+	45	5	8	4	0	0	0	1.49	- 2.22	.57	15	.0	0		1	0	0
HAGERSTOWN	88.6	65.0	76.8		95	24+	52	5	0	12	0	0	0	.17		.12	25	.0	0		1	0	0
HANCOCK FRUIT LAB	87.8	61.1	74.5		96	25	47	5	3	13	0	0	0	.48	- 3.04	.38	26	.0	0		2	2	0
PICARDY	87.4	61.3	74.4		97	24	48	30+	0	11	0	0	0	1.96		.98	17	.0	0		2	2	0
WESTERPORT	88.5	60.4	74.5	.5	97	22	47	5	0	16	0	0	0	1.37	- 2.22	.5	25	.0	0		0	0	0
WESTERPORT UPRC	89.3M	60.0M	74.7M		96	18	47	5	0	17	0	0	0	1.02		.32	25	.0	0		0	0	0
DIVISION			74.5	.3										.93	- 2.73			.0					
* * *																							
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	76.9	56.1	66.5		84	22	42	4	37	0	0	0	0	2.54		1.09	25	.0	0		5	5	1
OAKLAND 1 SE	79.9	55.2	67.6	-.4	87	18	40	5	35	0	0	0	0	3.19	- 1.65	1.00	18	.0	0		5	5	1
SAVAGE RIVER DAM	82.0	57.9	70.0		88	19+	45	3	18	0	0	0	0	2.47		.67	11	.0	0		3	3	0
SINES DEEP CREEK 2	80.5	54.9	67.7	.0	88	7	40	3	26	0	0	0	0	2.45	- 2.41	1.00	20	.0	0		3	3	1
DIVISION			68.0	.1										2.66	- 1.91			.0					
DELAWARE																							
* * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	87.7	64.1M	75.9M		95	17+	55	31+	0	13	0	0	0	1.51		.55	3	.0	0		4	1	0
NEWARK UNIVERSITY FARM	88.0	65.4	76.7		96	2+	54	7	0	10	0	0	0	3.34		1.53	20	.0	0		3	3	1
WILMINGTON CASTLE WB AP	85.6	67.7	76.7	.7	95	17+	58	7	0	9	0	0	0	1.83	- 2.42	.75	2	.0	0		4	1	0
WILMINGTON PORTER RESVR	85.1	65.7	75.4		95	17	56	7	0	8	0	0	0	1.71	- 2.76	.60	2	.0	0		4	2	0
DIVISION			76.2	.2										2.10	- 2.27			.0					
* * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	87.8	65.2	76.5	.3	99	2	56	7	0	11	0	0	0	2.50	- 2.56	.60	31	.0	0		7	2	0
DOVER	87.7	66.7	77.2	.1	97	1	58	7	0	12	0	0	0	1.18	- 3.49	.66	3	.0	0		2	1	0
GEORGETOWN 5 SW	87.7	65.1	76.4		98	2	57	21+	0	12	0	0	0	2.17		1.35	4	.0	0		4	4	1
LEWES 1 SW	83.5	66.9	75.2		98	1	56	7	0	8	0	0	0	1.45		.84	6	.0	0		4	1	0
MILFORD 2 WSW	89.4M	65.6M	77.5M		98	24+	55	30	0	0	0	0	0	.86		.33	3	.0	0		4	0	0
SELBYVILLE	86.2	65.9	76.1		100	1	58	9+	0	8	0	0	0	3.20		1.36	4	.0	0		6	2	1
DIVISION			76.5	-.1										1.89	- 2.95			.0					

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 101° ON THE 2D AT SALISBURY, MD.

LOWEST TEMPERATURE: 40° ON THE 5TH AT 2 STATIONS, MD.

GREATEST TOTAL PRECIPITATION: 5.64 INCHES AT BELTSVILLE, MD.

LEAST TOTAL PRECIPITATION: .03 INCH AT WILLIAMSPORT, MD.

GREATEST ONE-DAY PRECIPITATION: 3.01 INCHES ON THE 4TH AT PRINCESS ANNE, MD.

See Reference Notes Following Station Index



# DAILY PRECIPITATION

MARYLAND AND DELAWARE  
JULY 1968

Continued

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			
<b>DELAWARE</b>																																			
* * * NORTHERN 01																																			
MIDDLETOWN 1 WSW	1.51			.55	.08	.07					.04			.10	.37						.30														
NEWARK UNIVERSITY FARM	3.34			.97	.01	.09				.02					.72				T		1.53														
WILMINGTON NCASTLE WB AP	1.83		.75	.02	T	.45	.16				.01				.10					.31				.03	T			T							
WILMINGTON PORTER RESVR	1.71		.60	.11		T					.09				.09					.35				.36											
* * * SOUTHERN 02																																			
BRIDGEVILLE 1 NW	2.50			.45	.18		.36				.02			.22	.52				T	T						.05	.10						.60		
DOVER	1.18			.86	.09		T	.02			.38																						T		
GEORGETOWN 5 SW	2.17				1.35		.40													.10						.03								.32	
LEWES 1 SW	1.45			.20	.22		.84			.01	.13																.02	.03							.02
MILFORD 2 WSW	.86			.33	.13						.02						.25		.11		T					T									
SELBYVILLE	3.20				1.36		.33				.27	T			T					.20					.36							.68			

## SPECIAL WEATHER SUMMARY

July 1968 rainfall was generally below normal to much below normal. In the Washington-Fredrick County area, from Hancock to Emmitsburg, this month was one of the driest on record as totals were 1/2 inch or less with the exception of the Catoctin Mountain Park station. For Chewsville-Bridgeport, a long-time station with a record dating to 1898, it was a record-breaking dry July. Only in the Beltsville-Fort Meade and Salisbury-Princess Anne areas did rainfall approach normal.

Monthly temperatures averaged near normal to 2° above normal. Many stations, especially in the northern half, from Allegany County eastward, reported a greater than normal number of days with temperatures of 90° and higher.

There were two unusually severe hailstorms -- on the 2d -- in eastern Maryland and Delaware, and on the 6th in southern Maryland.

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

		SEASON OF 1967-1968											MARYLAND AND DELAWARE	
Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
MARYLAND														
* * *														
SOUTHERN EASTERN SHORE 01														
CRISFIELD SOMERS COVE	SNOWFALL 1 IN ON GD					5			T	8.0				
OCEAN CITY MOTEL	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
PDCOMDKE CITY 1 S	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	T	6.0				
PRINCESS ANNE	SNOWFALL 1 IN ON GD					2.0	3.0	T	T	5.0				10.0
SALISBURY	SNOWFALL 1 IN ON GD					5.2	3.3	1.4		6.0				
SALISBURY FAA AIRPORT	SNOWFALL 1 IN ON GD					3.0	3.0	1.7	5.0	3.5				16.2
SNOW HILL 4 N	SNOWFALL 1 IN ON GD			-	-	-	-	-	-	-				
* * *														
CENTRAL EASTERN SHORE 02														
BLACKWATER REFUGE	SNOWFALL 1 IN ON GD					7.0	3.0	1.0	T	5.0				16.0
CAMBRIDGE 4 W	SNOWFALL 1 IN ON GD					7.5	4.0	4.0	2.0	4.3				22.0
DENTON 1 WNW	SNOWFALL 1 IN ON GD					8.0	4.3	2.3	1.0					
EASTON POLICE BARRACKS	SNOWFALL 1 IN ON GD					9.0		2.0	T	4.0				10
PRESTON 1 S	SNOWFALL 1 IN ON GD					8.0	5.5	4.0	1.5	4.0				29.0
ROYAL OAK	SNOWFALL 1 IN ON GD					8.0	6.0	2.3	1.0	5.3				22.6
VIENNA	SNOWFALL 1 IN ON GD					4.0	3.0	2.5	T	6.0				19.5
* * *														
LOWER SOUTHERN 03														
CHARLOTTE HALL SCHOOL	SNOWFALL 1 IN ON GD					5.3	5.5							
LA PLATA 1 W	SNOWFALL 1 IN ON GD					7.0	7.0	4.4	1	6.4				24.9
LEONARDTOWN 3 NW	SNOWFALL 1 IN ON GD					4.5	1.7	5.5	1.5	4.0				17.2
OWINGS FERRY LANDING	SNOWFALL 1 IN ON GD					8.5	4.0	2.0	T	5.0				19.5
PRINCE FREDERICK	SNOWFALL 1 IN ON GD			-	-	-	-	-	-	-				
SOLOMONS	SNOWFALL 1 IN ON GD						3.0	4.1						
WALDORF POLICE BRKS	SNOWFALL 1 IN ON GD					8.5	5.3	3.7	T	4.7				22.2

See Reference Notes Following Station Index

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

Continued		SEASON OF 1967-1968											MARYLAND AND DELAWARE	
Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
MARYLAND														
* * *														
UPPER SOUTHERN	04													
ANNAPOLIS	SNOWFALL 1 IN ON GD					9.0 1	7.5 5	1.0 13	7	4.5 1				22.0 20
BALTIMORE WB AIRPORT	SNOWFALL 1 IN ON GD					8.4	4.6 4	2.5 9	2.6 1	5.3 2				23.4 16
BELTSVILLE	SNOWFALL 1 IN ON GD					7	11.3 2	7.2 5	.5 1	5.0 1				24.0 9
BELTSVILLE PLANT STA	5 SNOWFALL 1 IN ON GD					3.0 1	9.2 6	4.5 13	.5	8.5 3				25.7 23
COLLEGE PARK	SNOWFALL 1 IN ON GD					9.5 1	2.9 4	2.3 14	.5	5.1 2				20.3 21
DALECARLIA RESVR D C	SNOWFALL 1 IN ON GD					-	-	-	7	7				-
FORT GEORGE G MEADE	SNOWFALL 1 IN ON GD					-	2.5 5	3.7 10	.5 1	5.0 1				-
GLENN DALE BELL STA	SNOWFALL 1 IN ON GD					10.5 -	6.0 6	3.5 14	7	7.5 2				27.5 -
LAUREL 3 W	SNOWFALL 1 IN ON GD					7	-	7.3 -	-	3.0 1				-
NATIONAL ARBORETUM D C	SNOWFALL 1 IN ON GD					9.0 1	5.5 -	1.8 1	1.0	4.8				22.1 -
SUITLAND	SNOWFALL 1 IN ON GD					.5 1	10.5 5	6.7 13	.3	6.7 3				24.7 22
U. S. SOLDIERS HOME DC	SNOWFALL 1 IN ON GD					8.5 1	-	1.0 3	3.0 1	2.0 2				-
UPPER MARLBORO 3 NNW	SNOWFALL 1 IN ON GD					1.0 1	-	9.5 -	1.0 1	7.0 3				-
* * *														
NORTHERN EASTERN SHORE														
05														
CENTREVILLE	SNOWFALL 1 IN ON GD					10.5 1	9.0 7	6.0 14	2.5 3	6.0 5				34.0 30
CHESTERTOWN	SNOWFALL 1 IN ON GD					11.0 1	8.0 4	1.5 13	2.5 2	1.5 1				24.5 21
COLEMAN 3 NNW	SNOWFALL 1 IN ON GD					9.5 1	5.5 4	.8 13	7	2.0 1				17.8 19
EASTERN NECK ISLAND	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLINGTON	SNOWFALL 1 IN ON GD					8.5 1	8.5 5	1.5 13	1.5 2	4.5 1				24.5 22
ROCK HALL	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
* * *														
NORTHERN CENTRAL														
06														
ABERDEEN PHILLIPS FLD	SNOWFALL 1 IN ON GD					5.0 1	1.3 3	2.0 12	7	1.0 1				9.3 17
BALTIMORE WB CITY	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
BENSON POLICE BARRACKS	SNOWFALL 1 IN ON GD					7.0 1	3.5 4	3.2 13	7	4.0 2				17.7 20

See Reference Notes Following Station Index

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

Continued		SEASON OF 1967-1968										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					9.0 1	6.5 8	3.0 15	.5 1	13.5 5				32.5 30
BRIGHTON DAM	SNOWFALL 1 IN ON GD							3.0 14		6.5 4				
BROOKDALE	SNOWFALL 1 IN ON GD					10.3 1	6.0 5	4.2 3	3.3 2	4.3 3				28.1 14
CATOCTIN MOUNTAIN PARK	SNOWFALL 1 IN ON GD					8.8 1		11.5 15						
CLARKSVILLE 3 NNE	SNOWFALL 1 IN ON GD					10.3 1	5.5 5	4.7 14	T	9.0 4				
CONOWINGO DAM	SNOWFALL 1 IN ON GD					6.5 1	2.3 3	3.3 14	1.0 1	2.0 3				15.1 82
ELKTON	SNOWFALL 1 IN ON GD					7.5 1	3.5 3	2.0 13	T	2.0 1				15.0 18
EMMITSBURG 2 SE	SNOWFALL 1 IN ON GD					10.5 2	9.0 8	12.5 20	3.0 1	9.0 4				44.0 35
FREDERICK WFMD	SNOWFALL 1 IN ON GD					7.9 -	5.5 -	8.1 -	2.0 1	6.0 -				29.5 -
FREDERICK 3 E	SNOWFALL 1 IN ON GD					T		15.0 -		8.0 -				
LOCH RAVEN DAM	SNOWFALL 1 IN ON GD					9.5 1	5.0 -			3.5 -				
PARKTON 2 SW	SNOWFALL 1 IN ON GD					7.7 1	7.0 7	2.1 13	4.5 2	9.5 3				30.8 26
POTOMAC FILTER PLANT	SNOWFALL 1 IN ON GD					9.5 1		5.9 10						
ROCKVILLE	SNOWFALL 1 IN ON GD					10.5 1		1.5 13		9.0 3				
TOWSON	SNOWFALL 1 IN ON GD													
UNIONVILLE	SNOWFALL 1 IN ON GD					6.5 1	13.7 2	6.3 11	T	10.5 3				37.0 17
WESTMINSTER 2 SSE	SNOWFALL 1 IN ON GD					.7	9.0 6	6.0 15	1.0 1	11.0 6				27.7 28
WHEATON REGIONAL PARK	SNOWFALL 1 IN ON GD					10.0 1	2.6 7	6.1 15	T	7.0 6				25.7 29
WOODSTOCK	SNOWFALL 1 IN ON GD					8.5 1		3.0 15	1.5 1	3.5 4				
* * *														
APPALACHIAN MOUNTAIN 07														
BOONSBORO	SNOWFALL 1 IN ON GD					7.7 1	11.0 8	5.2 20	2.3 2	16.0 7				42.2 38
CHENSVILLE BRIDGEPORT	SNOWFALL 1 IN ON GD					6.5 1	10.0 6	9.5 21	1.5 1	11.0 5				38.5 34
CUMBERLAND	SNOWFALL 1 IN ON GD					1.3 1	24.3 8	4.0 21	T	13.5 6				43.1 36
CUMBERLAND POLICE BRKS	SNOWFALL 1 IN ON GD					10.0 1	18.0 6	6.0 26	3.0 1	9.0 3				46.0 37
EDGEMONT	SNOWFALL 1 IN ON GD					1.0 1	12.0 9	12.0 28	2.0 2	12.0 12				39.0 52
FROSTBURG	SNOWFALL 1 IN ON GD				T	10.4 7	25.2 11	15.4 29	6.7 5	14.3 7	T			72.0 59

See Reference Notes Following Station Index

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

Continued		SEASON OF 1967-1968										MARYLAND AND DELAWARE		
Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
MARYLAND														
HAGERSTOWN	SNOWFALL 1 IN ON GD					6.5 1	11.2 7	4.5 20	2.0 1	13.2 5				37.4 34
HANCOCK FRUIT LAB	SNOWFALL 1 IN ON GD					3.1 2	19.0 7	7.3 24	T	15.5 6				44.9 39
PICARDY	SNOWFALL 1 IN ON GD					8.0 1	21.0 9	3.0 24	5.0 1	10.0 9				47.0 44
WESTERNPORT	SNOWFALL 1 IN ON GD					6.5 4	24.3 4	11.3 -	2.0 1	-				-
WESTERNPORT UPRC	SNOWFALL 1 IN ON GD	=	=	=	=	=	=	=	=	=	=	=	=	=
WILLIAMSPORT	SNOWFALL 1 IN ON GD					1.0 1	17.2 6	8.0 21	T	10.7 8				36.9 36
* * *														
ALLEGHENY PLATEAU 08														
BITTINGER 2 NW	SNOWFALL 1 IN ON GD				T	23.4 12	18.6 14	23.8 -	18.0 29	18.4 17	T			102.2 -
MERRILL	SNOWFALL 1 IN ON GD					6.4	- 12	-	1.2	20.0 -				-
DAKLAND 1 SE	SNOWFALL 1 IN ON GD				T	13.3 4	20.3 9	25.0 29	8.0 9	12.0 11	T			78.6 62
SAVAGE RIVER DAM	SNOWFALL 1 IN ON GD					T	-	-	T	13.0 10				-
SINES DEEP CREEK 2	SNOWFALL 1 IN ON GD					8.0 8	18.0 14	30.0 30	14.0 21	30.0 16				100.0 89
DELAWARE														
* * *														
NORTHERN 01														
MIDDLETOWN 1 WSW	SNOWFALL 1 IN ON GD					7.0 1	14.0 6	1.0 12	T	4.0 2				26.0 21
NEWARK UNIVERSITY FARM	SNOWFALL 1 IN ON GD					5.0 1	2.5 4	4.0 14	T	1.0 1				12.5 20
WILMGTN NCASTLE WB AP	SNOWFALL 1 IN ON GD					6.8	4.0 2	1.6 14	.9	1.3				14.6 16
WILMGTN PORTER RESVR	SNOWFALL 1 IN ON GD					6.3	3.5 2	.9 13	.8 1	-				-
* * *														
SOUTHERN 02														
BRIDGEVILLE 1 NW	SNOWFALL 1 IN ON GD					6.5 1	4.0 6	4.5 6	1.5 1	5.0 4				21.5 18
DOVER	SNOWFALL 1 IN ON GD					8.8 1	7.6 5	4.6 4	1.3 2	3.5 1				25.8 13
GEORGETOWN 5 SW	SNOWFALL 1 IN ON GD					6.0 -	4.0 5	-	-	5.0 2				-
LEWES 1 SW	SNOWFALL 1 IN ON GD					4.5 1	4.5 5	1.8 2	3.6 4	2.2 3				16.6 15
MILFORD 2 WSW	SNOWFALL 1 IN ON GD					7.0 1	5.3 5	T	1.0 1	5.5 3				18.8 10
SELBYVILLE	SNOWFALL 1 IN ON GD					2.5 -	4.0 4	2.0 3	2.0 1	2.5 1				13.0 -

See Reference Notes Following Station Index







# 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																																	
HANCOCK FRUIT LAB	MAX 63	93	90	81	77	82	80	85	89	85	89	85	88	90	92	90	93	95	94	89	83	92	93	94	96	83	84	77	87	83	85	87.8	
	MIN	63	66	65	53	47	56	50	57	61	58	68	60	59	64	70	65	70	68	67	58	54	60	66	66	70	64	62	64	49	48	65	61.1
PICARDY	MAX	95	90	80	79	82	82	85	89	86	88	83	86	89	91	93	91	95	91	92	84	88	93	93	97	88	84	79	88	84	82	80	87.4
	MIN	65	69	66	51	48	56	50	68	63	59	63	63	58	63	68	65	65	67	67	56	53	60	67	66	67	63	63	63	50	48	65	61.3
WESTERNPORT	MAX	95	92	81	81	86	85	89	90	91	91	87	92	94	91	92	90	90	94	83	88	91	97	96	94	88	85	80	85	84	83	80	88.5
	MIN	65	66	67	50	47	54	50	55	61	58	64	63	60	64	66	65	64	67	67	55	53	59	67	67	62	62	63	67	51	49	63	60.4
WESTERNPORT UPRC	MAX	95	94	87	80	84	84	88	92	91	90	86	90	93	93	93	93	92	96	88	87	95	94	94	93	84	84	85	86	85	83	89.3	
	MIN	64	66	67	50	47	56	49	57	61	57	58	65	60	65	65	66	64	67	63	55	53	63	66	69	63	62	61	51	49	58	60.0	
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX	83	80	72	68	75	72	78	81	77	79	75	78	81	81	80	79	82	83	73	74	79	84	83	81	75	73	74	73	70	71	70	76.9
	MIN	63	64	57	42	44	48	47	53	56	56	61	56	57	58	60	63	58	61	64	53	50	56	56	59	63	63	57	57	46	46	58	56.1
DAKLAND 1 SE	MAX	85	82	75	70	77	75	80	84	80	83	82	82	84	83	83	82	84	87	75	76	81	86	85	84	78	77	79	77	74	74	73	79.9
	MIN	57	63	58	43	40	45	42	50	54	53	61	57	55	57	64	62	59	60	60	49	46	52	59	62	67	62	58	62	47	44	61	53.2
SAVAGE RIVER DAM	MAX	87	88	85	76	73	79	77	83	86	84	87	80	84	82	86	83	84	87	88	78	78	85	85	87	86	81	79	76	79	75	76	82.0
	MIN	61	65	63	48	43	50	47	52	59	47	68	65	58	60	64	65	62	65	65	55	52	53	59	64	67	63	62	64	50	46	50	57.9
SINES DEEP CREEK 2.	MAX	86	82	75	72	77	81	88	84	80	82	80	82	85	83	82	81	83	86	78	77	82	85	85	84	79	77	79	77	73	76	74	80.5
	MIN	53	59	59	47	40	43	55	46	56	55	60	59	55	57	60	59	56	60	59	50	49	52	57	59	66	60	59	68	45	42	59	54.9
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	95	94	92	76	81	90	83	86	86	83	83	83	86	84	87	92	95	94	93	86	86	90	92	94	92	85	85	90	89	84	84	87.7
	MIN	67	71	67	64	58	60	55	59	63	68	64	58	61	67	68	67	71	69	70	64	66	62	67	71	70	67	58	71	56	53	55	64.1
NEWARK UNIVERSITY FARM	MAX	96	96	92	78	81	83	83	88	86	85	84	85	87	86	86	92	94	95	92	85	86	89	91	93	92	86	87	89	88	86	86	88.0
	MIN	69	73	68	64	59	59	54	58	64	66	65	61	65	67	71	69	73	72	72	64	62	62	70	71	72	68	60	71	59	53	63	65.4
WILMGTON NCASTLE WB AP	MAX	95	93	81	76	81	78	79	87	82	84	80	81	84	83	86	92	95	91	91	85	86	86	92	93	85	85	83	90	83	84	84	85.6
	MIN	72	69	69	66	63	64	58	64	67	71	68	65	67	71	73	72	75	75	72	67	62	66	71	74	73	68	65	68	59	59	67	67.7
WILMGTON PORTER RESVR	MAX	94	93	79	74	80	78	80	84	82	83	78	83	87	84	88	92	95	92	91	83	86	86	92	92	82	83	84	88	80	82	82	85.1
	MIN	70	68	68	63	60	61	56	62	67	67	61	67	65	69	71	71	74	72	69	65	62	63	62	69	70	68	62	69	61	61	63	65.7
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	97	99	90	77	81	83	84	86	83	84	81	81	87	86	89	92	95	93	90	85	88	89	93	95	93	84	85	91	89	85	87	87.8
	MIN	70	74	66	66	59	60	56	60	60	69	67	64	63	65	70	71	71	72	71	71	59	59	70	65	71	70	58	71	58	57	58	65.2
DOVER	MAX	97	96	89	75	82	83	79	87	85	82	82	81	85	85	87	93	95	95	93	89	86	90	92	96	95	85	84	91	90	85	85	87.7
	MIN	70	75	68	66	61	61	58	61	68	70	65	63	63	68	71	71	73	74	72	69	63	64	72	74	72	71	62	62	61	59	62	66.7
GEORGETOWN 5 SW	MAX	96	98	91	79	79	83	82	87	86	82	81	78	86	86	87	92	94	95	92	87	88	91	92	97	94	86	84	90	85	84	87	87.7
	MIN	70	74	67	69	60	57	58	59	60	69	67	64	62	65	71	70	71	72	72	71	57	59	59	66	74	69	59	70	60	58	58	65.1
LEWES 1 SW	MAX	98	92	82	78	76	82	75	75	80	75	74	75	80	81	82	89	91	90	90	82	83	85	88	95	92	80	81	90	80	82	84	83.5
	MIN	72	74	72	62	62	61	58	60	63	70	67	64	62	66	71	70	71	73	73	71	62	62	72	74	72	71	59	72	66	59	64	66.9
MILFORD 2 WSW	MAX	97	98	85				86	84	81	80	82		89	94	96	94	93	87	88	91	94	98	94	84	87	94	90	84	85	85	89.4	
	MIN	70	74	67				62	61	69	66	60		69	70	71	72	71	69	57	61	69	68	68	71	56	70	57	53	57	65.6		
SELBYVILLE	MAX	100	97	92	76	78	82	80	87	82	81	79	74	82	82	85	92	95	92	89	89	86	87	89	94	94	85	81	89	89	81	83	86.2
	MIN	74	76	68	67	61	60	58	58	58	70	67	66	62	66	72	71	72	71	73	70	61	59	69	68	75	68	59	59	63	59	63	65.9

## 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	EASTERN STANDARD TIME				Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
						1 AM	7 AM	1 PM	7 PM									
BALTIMORE WB AIRPORT MD	22	1.2	6.1	42	NW	81	78	49	61	4	2	3	0	1	0	10	66	5.0
WILMINGTON NCASTLE WB AP DEL	20	2.1	8.1	32++	29	82	79	55	66	4	3	4	1	0	0	12	-	5.4

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1967-1968

MARYLAND AND DELAWARE

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
<b>MARYLAND</b>														
* * *														
<b>SOUTHERN EASTERN SHORE 01</b>														
CRISFIELD SOMERS COVE	0	0	27		539	697	994	895	536	270	74	0		
OCEAN CITY HOTEL														
POCOMOKE CITY 1 S								966	552	347	143	11		
PRINCESS ANNE	1	0	80	299	654	747	1020	968	537	321	136	5	4768	
SALISBURY	0	0	47	241	590	710	980	905	510	273	103	1	4360	
SALISBURY FAA AIRPORT	0	0	89	314	685	789	1020	962	529	308	101	0	4797	
SNOW HILL 4 N	0										132	5		4143
* * *														
<b>CENTRAL EASTERN SHORE 02</b>														
BLACKWATER REFUGE	1	0	49	239	591	761	1067	948	559	309	128	5	4657	
CAMBRIDGE 4 W	0	0	58	281	630	787	1059	966	559	313	123	4	4780	
DENTON 1 WNW	0	0	83	297	636	768	1095	932	651	267	121	3	4853	
EASTON POLICE BARRACKS	0	0	50	242	614	765	1030	916	518	261	95	2	4493	
PRESTON 1 S	0	0	74	284	649	802	1056	941	545	325	120	5	4801	
ROYAL OAK	0	0	49	238	602	782	1045	931	528	262	89	1	4527	
VIENNA	0	0	42	227	584	747	1007	902	505	249	97	0	4360	
* * *														
<b>LOWER SOUTHERN 03</b>														
CHARLOTTE HALL SCHOOL			67	274	634	801	1112							
LA PLATA 1 W	1	0	72	289	654	813	1048	961	495	294	153	13	4793	
LEONARDTOWN 3 NW	0	0	81		669	780	1048	978	507	286	130	6		
DWINGS FERRY LANDING	0	0	62	281	619	784	1030	915	508	244	118	3	4564	4242
PRINCE FREDERICK	0	0												
SOLDMONS	0	0	8											
WALDORF POLICE BRKS	0	0	56	282	620	783	1022	943	506	286	114	2	4614	3891
* * *														
<b>UPPER SOUTHERN 04</b>														
ANNAPOLIS	0	0	56	270	638	807	1067	946	571	278	123	3	4759	
BALTIMORE WB AIRPORT	0	0	75	318	684	851	1100	943	566	324	173	1	5035	4654
BELTSVILLE	1	1	96	368	687	864	1199	985	626	355	208	24	5414	
BELTSVILLE PLANT STA 5	0	3	100	351	680	862	1142	981	610	360	199	18	5306	
COLLEGE PARK	0	0	63	308	653	829	1043	903	500	258	138	3	4698	4449
DALECARLIA RESVR D C	0	0	74	284	667	840	1086	941	487	257	164			
FORT GEORGE G MEADE	0	0	75	307	670	834	1087	938	544	303	173	9		
GLENN DALE BELL STA	0	0	87	330	684	864	1100	973	532	336	178	13	5117	4646
LAUREL 3 W	0	0	54	258	659	814	1052	921	514	269	137	1	4679	
NATIONAL ARBORETUM D C	0	0	55	271	622	782	1020	884	482	242	105	1	4464	
SUITLAND	0	1	62	303	660	809	1096	940	588	281	160	8	4908	
U. S. SOLDIERS HOME DC	0	0	60	269	630	823	1077	960	520	297	130	3	4769	
UPPER MARLBORO 3 NNW	0	0	102	344	665	840	1128	973	584	292	128	12	5068	
* * *														
<b>NORTHERN EASTERN SHORE 05</b>														
CENTREVILLE	0	0	63	289	645	847	1085	941	570	310	140	5	4895	
CHESTERTOWN	0	0	64	273	649	822	1093	940	561	295	140	4	4841	
COLEMAN 3 WNW	0	0	45	252	627	831	1071	928	577	271	114	1	4717	4489
EASTERN NECK ISLAND											103	0		4518
MILLINGTON	0	0	71	304	682	845	1090	962	573	316	147	9	4999	
ROCK HALL														4509
* * *														
<b>NORTHERN CENTRAL 06</b>														
ABERDEEN PHILLIPS FLD	0	0	55	301	658	826	1092	935	559	289	139	4	4858	
BALTIMORE WB CITY	0	0	32	214	591	737	1006	871	469	198	78	0	4196	4111
BENSON POLICE BARRACKS	0	2	82	311	689	867	1099	976	588		156	6		
BOYDS 2 NW	0	3	101	325	710	859	1118	991	549	307	174	15	5152	
CATOCTIN MOUNTAIN PARK	10		150		867		1006							
CLARKSVILLE 3 NNE			107		749	916	1144	1009	605	373	214	21		

See Reference Notes Following Station Index

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

Continued

SEASON OF 1967-1968

MARYLAND AND DELAWARE

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
MARYLAND														
CONDWINGO DAM	0	1	86	343	724	920	1168	1019	675	337	179	6	5458	
ELKTON	0	0	68	300	684	843	1102	966	595	312	171	7	5048	4826
EMMITSBURG 2 SE	2	3	132	373	785	959	1219	1023	606	369	246	30	5747	
FREDERICK WFMD	1	2	96	329	704	887	1140	968	537	313	191	12	5200	5087
PARKTON 2 SW	2	5	124	414	781	941	1193	1054	664	386	262	28	5854	
ROCKVILLE	0	2	83	318	676	852	1070	970	560	318	161			
TOWSON										278	146	3		
UNIONVILLE	2	3	137	410	779	946	1222	1045	635	384	243	27	5833	
WESTMINSTER 2 SSE	2	4	119	373	777	927	1181	1038	639	362	235	24	5681	5037
WHEATON REGIONAL PARK	0	1	91	357	687	875	1123	971	565	308	177	17	5172	
WOODSTOCK	1		123	356	747	810	1165	992	605	378	208	30		4965
* * *														
APPALACHIAN MOUNTAIN 07														
BOONSBORO	1	2	106	349	718	886	1151	973	548	287	173	15	5209	
CHEWSVILLE BRIDGEPORT	1	3	112	356	733	928	1202	1011	585	320	198	14	5463	5234
CUMBERLAND	0	3	113	374	771	902	1173	1058	565	293	185	13	5450	
CUMBERLAND POLICE BRKS	3	6	127	387	760	898	1223	1039	596	280	202	17	5598	
FROSTBURG	13	18	188	491	881	1001	1233	1183	673	382	282	28	6373	5749
HAGERSTOWN	0	4	97	350	736	892	1204	1007	572	286	179	12	5339	
HANCOCK FRUIT LAB	1	5	139	423	759	957	1255	1027	660	351	270	47	5894	
PICARDY	4	9	124	383	760	901	1184	1050	572	302	215	20	5524	
WESTERNPORT	2	9	109	338	712	873	1162	1027	549	285	204	13	5283	4948
WESTERNPORT UPRC											218	30		
* * *														
ALLEGHENY PLATEAU 08														
BITTINGER 2 NW	52	84	305	545	970	1040	1342	1323	802	518	394	102	7477	
OAKLAND 1 SE	33	60	261	507	906	974	1330	1281	780	499	360	81	7072	6403
SAVAGE RIVER DAM	14	35	212	506	871	1011	1342	1193	749	455	343	86	6817	
SINES DEEP CREEK 2	37	59		506	903	991	1319	1291	788	481	332	78		
DELAWARE														
* * *														
NORTHERN 01														
MIDDLETOWN 1 WSW	0	0		293		855	1099	974	600	346	151			
NEWARK UNIVERSITY FARM	0	0	78	312	703	866	1116	993	611	310	173	7	5169	
WILMGTN NCASTLE WB AP	0	0	80	327	722	866	1139	994	626	319	171	6	5250	4930
WILMGTN PORTER RESVR	0	2	93	331	710	864	1151	1013	649	328	177	4	5322	
* * *														
SOUTHERN 02														
BRIDGEVILLE 1 NW	0	0	98	349	725	825	1044	954	551	330	120	5	5001	4409
DOVER	0	0	50	265	624	805	1059	937	556	290	133	3	4722	4354
GEORGETOWN 3 SW	0	0	68	297	677	822	1049		556	377	156	7		
LEWES 1 SW	0	0	63	303	657	809	1045	964	592	357	169	4	4963	
MILFORD 2 WSW	0	0	82	274	654	814	1057	943	539	325	151	6	4845	
SELBYVILLE	0	0	67	264	623	745	1029	951	540	333	130	3	4685	

See Reference Notes Following Station Index

# EVAPORATION AND WIND

MARYLAND AND DELAWARE  
JULY 1968

Station	Day Of Month																															Total Evap. Inch.	
	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	.38	.40	-	.14	.30	.26	.42	.34	.34	.29	.23	.34	.25	.34	.19	-	.26	.23	.26	-	.25	.25	.26	*	.64	.12	.34	*	.33	.32	.33	8.658
	WIND	32	31	39	21	30	19	24	27	39	43	36	45	27	21	36	20	33	24	52	37	35	17	38	15	27	23	27	38	53	22	42	973
	MAX	97	100	102	81	91	93	92	94	95	89	90	92	94	93	94	94	97	100	93	96	91	96	95	98	97	92	-	-	92	91	88	
	MIN	71	77	70	67	65	66	66	63	68	69	71	68	68	70	73	74	75	78	75	69	68	69	74	71	75	74	-	-	65	66	65	
UPPER MARLBORO 3 NNW	EVAP	.19	.30	.18	.14	.20	.18	.16	.19	.34	.14	.08	.27	.23	.19	.10	.10	.27	.28	.20	.28	.20	.03	.44	.23	.24	.11	.25	.16	.15	.37	6.41	
	WIND	7	10	14	10	4	4	4	11	9	11	15	11	6	3	2	3	2	3	2	12	3	1	7	1	5	2	4	6	3	3	183	
	MAX	100	102	101	80	83	86	86	95	99	91	87	93	94	98	95	93	98	101	101	96	86	96	97	101	101	91	94	90	91	94	93	
	MIN	68	76	70	66	58	63	61	63	63	68	65	70	69	74	74	73	77	75	73	70	60	66	69	73	73	74	69	73	66	65	64	
* * * *																																	
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	EVAP	.32	.13	.13	.21	.16	.20	.19	-	.32	.17	.23	.12	.18	.18	.22	.20	.21	.20	.22	.20	.23	.18	-	.27	.15	.12	.16	.26	-	.30	6.328	
	WIND	20	10	9	16	10	19	15	21	25	17	19	13	15	16	14	16	13	13	21	19	14	21	12	20	14	11	18	28	22	16	30	
	MAX	100	94	85	91	91	91	92	93	92	94	93	95	95	96	97	96	97	99	98	89	92	95	97	93	91	86	87	91	87	85	82	
	MIN	71	74	69	64	59	65	59	66	68	67	71	67	68	71	73	72	72	74	74	65	62	67	71	73	74	68	67	69	59	61	65	
* * * *																																	
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	EVAP	.17	.28	.29	.15	.34	.23	.23	.15	.19	.35	.26	*	.31	.07	.36	.33	.16	.17	.18	.16	.28	.22	.26	.20	.30	.09	.19	.11	.32	6.80		
	WIND	69	67	67	81	62	47	66	44	39	40	46	32	39	42	34	65	76	50	36	83	65	43	49	44	69	33	37	49	103	62		
	MAX	92	82	91	80	87	90	81	87	87	91	93	80	92	95	90	90	88	89	92	78	90	94	92	95	89	81	86	81	82	82		
	MIN	64	69	65	54	51	51	54	54	60	64	63	65	65	69	66	72	60	66	68	59	57	57	60	66	69	66	61	67	56	52		
DELAWARE																																	
* * * *																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	EVAP	.29	.30	.27	.11	.07	.33	.20	.23	.21	.06	.01	.25	.24	.18	.24	.09	.12	.34	.04	.44	.37	.05	.22	.27	.20	.29	.28	.23	.15	6.39		
	WIND	100	102	101	83	96	96	93	96	94	-	-	95	95	96	95	99	101	102	100	94	97	97	99	100	98	94	94	93	91	91		
	MIN	74	76	71	69	67	68	64	67	70	-	-	68	73	74	76	74	76	77	76	70	68	70	76	77	76	71	68	72	64	68		
* * * *																																	
SOUTHERN 02																																	
GEORGETOWN 3 SW	EVAP	.35	.25	.30	-	.12	.15	.33	.12	.30	*	.14	.22	.25	.16	.03	.22	.39	.39	.10	.47	.32	.19	.21	.27	.22	.22	.36	-	7.368			
	WIND	32	13	39	15	24	20	16	10	5	39	35	35	16	33	16	16	11	7	7	14	54	11	11	16	34	31	24	45	15			
	MIN	74	76	71	69	67	68	64	67	70	-	-	68	73	74	76	74	76	77	76	70	68	70	76	77	76	71	68	72	64	68		

See Reference Notes Following Station Index



REFERENCE NOTES

MARYLAND AND DELAWARE  
JULY 1968

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 in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

**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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