



# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

U. S. DEPARTMENT OF COMMERCE  
ALEXANDER B. TROWBRIDGE, Secretary  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

NOVEMBER 1967

Volume 71 No. 11

## CLIMATOLOGICAL 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 Above	75° or Above	50° or Above	32° or Below					32° or Below	0° or Below	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
MARYLAND																									
* * * SOUTHERN EASTERN SHORE 01																									
CRISFIELD SOMERS COVE	53.5	40.0	46.8	- 4.4	66	2	27	16	539	0	0	5	0	1.85	- 1.39	1.00	30	.5	0	4	1	1			
OCEAN CITY MOTEL																									
POCOMOKE CITY 1 S																									
PRINCESS ANNE	54.6	31.3	43.0		70	12+	15	29+	654	0	0	19	0	2.06		1.08	30	2.0	2	30	4	1	1		
SALISBURY	54.7	35.5	45.1		71	12	22	29+	590	0	0	12	0	2.15	- 1.06	1.10	30	5.2	0	6	1	1			
SALISBURY FAA AIRPORT	52.8	31.0	41.9		70	12	17	29	685	0	0	18	0	2.24		1.26	30	3.0	0	4	1	1			
SNOW HILL																									
DIVISION																									
			44.2	- 4.9										2.08	- 1.23			2.7							
* * * CENTRAL EASTERN SHORE 02																									
BLACKWATER REFUGE	53.8	36.1	45.0		69	12	25	17+	591	0	0	12	0	2.09		1.21	30	7.0	7	30	5	1	1		
CAMBRIDGE 4 W	53.4	34.3	43.9		73	12	21	17	630	0	0	14	0	2.36		1.10	30	7.5	8	30	4	1	1		
DENTON 1 NW	55.2	31.8	43.5		70	12	20	16	636	0	0	17	0	2.32		.80	30	8.0	8	30	4	2	0		
EASTON POLICE BARRACKS	53.3	35.2	44.3	- 3.6	67	12+	22	6	614	0	0	13	0	1.79	- 1.74	.90	30	9.0	9	30	5	1	0		
PRESTON 1 S	53.0	33.2	43.1		71	12	21	29	649	0	0	16	0	2.21		1.12	30	8.0	8	30	4	1	1		
ROYAL OAK	53.8	35.5	44.7		72	12	24	16	602	0	0	13	0	2.57		1.29	30	8.0	8	30	5	1	1		
VIENNA	54.7	35.7	45.2		70	12	23	16	584	0	0	13	0	1.67		.60	30	4.0	4	30	4	1	0		
DIVISION																									
			44.4	- 3.9										2.14	- 1.40			7.4							
* * * LOWER SOUTHERN 03																									
CHARLOTTE HALL SCHOOL	57.2M	29.6	43.4M		74	12	18	30	634	0	0	21	0	2.31		.90	30	5.3	5	30	3	2	0		
LA PLATA 1 W	54.6	31.5	43.1		75	12	15	29	654	0	0	18	0	2.20		.98	30	7.0	7	30	5	2	0		
LEONARDTOWN 3 NW	54.8	30.1	42.5		74	12	14	29	669	0	0	20	0	2.45		1.00	30	4.5	5	30	4	2	1		
OWINGS FERRY LANDING	53.7M	34.6M	44.2M	- 4.0	73	12	21	16	619	0	0	13	0	2.07	- 1.16	1.10	30	8.5	9	30	3	2	1		
PRINCE FREDERICK																									
SOLOMONS																									
WALDORF POLICE BRKS	55.7	32.7	44.2		74	12	17	29	620	0	0	13	0	2.36	- .97	1.09	30	.0	0	3	2	1			
DIVISION																									
			43.5	- 4.8										2.30	- .93			5.6							
* * * UPPER SOUTHERN 04																									
ANNAPOLIS	51.9	35.0	43.5	- 4.6	72	12	20	16	638	0	0	11	0	2.67	- .11	1.26	30	9.0	9	30	4	2	2		
BALTIMORE WB AIRPORT	51.5	32.4	42.0	- 3.5	73	12	20	29	684	0	0	16	0	2.60	- .53	1.19	30	8.4	0	5	2	1			
BELTSVILLE	52.1M	30.9M	41.5M		72	13	14	29	687	0	0	16	0	1.11		.89	3	T	T	30	1	1	0		
BELTSVILLE PLANT STA 5	52.2	31.9	42.1		72	13	16	29	680	0	0	17	0	1.70		.76	3	3.0	3	30	5	1	0		
COLLEGE PARK	52.9	32.9	42.9	- 3.7	72	12	16	29	653	0	0	16	0	2.37	- .72	1.08	30	9.5	10	30	4	2	1		
DALECARLIA RESV D C	53.9	31.1	42.5		74	12	20	30	667	0	0	16	0	2.69		1.22	30	0	0	4	2	1			
FORT GEORGE G MEADE																									
GLENN DALE BELL STA	53.9	29.9	41.9	- 4.0	73	12	13	29	684	0	0	18	0	2.56	- .66	1.17	30	10.5	11	30	4	2	1		
LAUREL 3 W	51.9	34.8M	43.4M		71	12	20	16	659	0	0	16	0	1.60		.92	3	T	T	30	4	2	0		
NATIONAL ARBORETUM D C	54.4	33.7	44.1		77	12	20	15	622	0	0	14	0	2.63		1.26	30	9.0	9	30	4	2	1		
SUITLAND	51.8	33.8	42.8		72	13	22	16	660	0	0	14	0	1.15		.77	3	.5	1	30	2	1	0		
U. S. SOLDIERS HOME DC	51.3	34.3	42.8		73	12	19	16	630	0	0	11	0	2.07		.87	2	8.5	9	30	3	2	0		
UPPER MARLBORO 3 NNW	53.3	31.7	42.5		73	13	20	29+	665	0	0	16	0	1.10		.76	3	1.0	1	30	3	1	0		
DIVISION																									
			42.7	- 4.0										2.02	- 1.04			5.4							
* * * NORTHERN EASTERN SHORE 05																									
CENTREVILLE	52.4	34.0	43.2		70	12	22	17+	645	0	0	14	0	2.03		.85	30	10.5	11	30	3	2	0		
CHESTERTOWN	52.4	33.8	43.1		70	12	21	16	649	0	0	13	0	2.36		1.15	30	11.0	11	30	5	2	1		
COLEMAN 3 NNW	52.0	35.5	43.8	- 4.2	70	12	22	16	627	0	0	11	0	2.55	- .86	1.02	30	9.5	10	30	6	2	1		
HILLINGTON	51.7	32.2	42.0	- 5.1	70	12	17	29	682	0	0	16	0	2.26	- 1.24	.92	30	8.5	9	30	4	2	0		
ROCK HALL																									
DIVISION																									
			43.0	- 4.6										2.30	- 1.04			9.9							
* * * NORTHERN CENTRAL 06																									
ABERDEEN PHILLIPS FLD	50.9	34.6	42.8		69	12	22	29+	658	0	0	15	0	1.96		1.04	2	5.0	5	30	5	1	1		
BALTIMORE WB CITY	52.3	37.8	45.1	- 3.7	74	12	23	16	591	0	0	9	0	2.38	- .72	1.05	2			3	2	1			
BENSON POLICE BARRACKS	52.1	31.4	41.8		72	12	17	29	689	0	0	16	0	2.02		1.02	2	7.0	7	30	6	3	1		
BOYDS 2 NW	49.5	32.7	41.1		70	12	18	16	710	0	0	16	0	2.52		.95	2	9.0	9	30	7	2	0		
CONOWINGO DAM	48.9	32.4	40.7		69	12	20	29	724	0	0	15	0	2.28		1.30	2	6.5	7	30	3	2	1		
ELKTON	50.7	33.4	42.1	- 3.3	69	12	21	29+	684	0	0	13	0	2.08	- 1.47	.75	30	7.5	7	30	5	2	0		
EMMITSBURG 2 SE	49.1	28.1	38.6		70	12	15	28+	785	0	0	12	0	2.55		.90	2	10.5	8	30	7	2	0		
FREDERICK WFMD	49.1	33.5	41.3	- 2.9	70	12	19	16	704	0	0	17	0	2.29	- .64	.87	2	7.9	7	30	6	1	0		
PARKTON 2 SW	48.3	29.1	38.7		69	12	15	16	781	0	0	12	0	2.74		1.17	2	7.7	8	30	5	2	1		
ROCKVILLE	52.8	31.5	42.2		71	12	17	29	676	0	0	18	0	2.33		1.20	30	10.5	11	30	3	2	1		
TOWSON																									

See Reference Notes Following Station Index  
SPECIAL WEATHER SUMMARY ON PAGE 118

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE  
NOVEMBER 1967

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 Above	70° or Above	60° or Above					Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
UNIONVILLE	49.2	28.3	38.8		68	12	14	16	779	0	1	20	0	2.35		.89	2	6.5	6	30	5	2	0				
WESTMINSTER 2 SSE	47.2	30.8	39.0	- 5.7	67	12	16	29*	777	0	1	16	0	1.72	- 1.57	.88	3	.7	T	21+	5	1	0				
WHEATON REGIONAL PARK	52.1	31.7	41.9		71	12	15	29	687	0	0	18	0	2.39		.95	30	10.0	10	30	5	2	0				
WOODSTOCK	50.5M	29.3M	39.9M	- 4.6	70	12	14	29	747	0	1	0	0	2.28	- .81	.84	2	8.5	9	29	5	2	0				
DIVISION			41.0	- 4.1										2.31	- .93			7.5									
* * *																											
APPALACHIAN MOUNTAIN																											
07																											
BOONSBORO	48.4	33.3	40.9		67	12	13	16	718	0	0	14	0	2.43		.95	2	7.7	7	30	5	2	0				
CHEWSVILLE BRIDGEPORT	49.1	31.6	40.4	- 3.2	68	12	16	16	733	0	0	17	0	2.60	- .02	.99	2	6.5	6	30	6	2	0				
CUMBERLAND	49.2	29.0	39.1		72	11	15	15	771	0	0	21	0	1.15		.28	23	1.3	1	21	6	0	0				
CUMBERLAND POLICE BRKS	48.5	30.5	39.5		69	11	16	16	760	0	0	20	0	2.35		.90	30	10.0	9	30	8	1	0				
FROSTBURG																											
HAGERSTOWN	48.5	32.0	40.3		68	12	16	16	736	0	0	17	0	2.20		.84	2	6.5	6	30	5	2	0				
CHENOCK FRUIT LAB	48.4	30.4	39.4		67	12	12	16	759	0	0	17	0	1.34	- 1.21	.48	3	3.1	1	22+	4	0	0				
PICARDY	48.1	30.7	39.4		69	11	11	16	760	0	0	17	0	1.89		.78	30	8.0	8	30	5	1	0				
WESTERNPORT	50.1	32.0	41.1	- 3.4	72	11	21	10*	712	0	0	18	0	1.18	- 1.10	.26	25	6.5	0		6	0	0				
DIVISION			40.0	- 3.6										1.89	- .67			6.2									
* * *																											
ALLEGHENY PLATEAU																											
08																											
BITTINGER 2 NW	39.8	25.1	32.5		63	11	- 6	16	970	0	11	25	0	3.64		.62	30	23.4	6	30	11	1	0				
OAKLAND 1 SE	42.9	26.3	34.6	- 4.7	67	11	- 2	16	906	0	8	25	1	3.09	- .05	.76	30	13.3	7	30	8	2	0				
SAVAGE RIVER DAM	43.6	27.9	35.8		65	12	12	16	871	0	3	22	0	1.57		.30	23	7	0		7	0	0				
SINES DEEP CREEK 2	42.8	26.4	34.6	- 3.5	67	11	1	16	903	0	3	23	0	2.88	- .19	.50	23	8.0	4	15	12	1	0				
DIVISION			34.4	- 4.2										2.80	- .18			11.2									
DELAWARE																											
* * *																											
NORTHERN																											
01																											
MIDDLETOWN 1 WSW	50.3M	30.3M	40.3M				19	16		0	1	0	0	1.77		.57	30	7.0	7	30	6	1	0				
NEWARK UNIVERSITY FARM	50.6	32.0	41.3		70	12	19	16	703	0	0	16	0	2.08		.50	30	5.0	5	30	7	1	0				
WILMGTN CASTLE WB AP	49.4	32.0	40.7	- 4.7	69	12	19	16	722	0	1	18	0	2.08	- 1.45	.84	2	6.8	0		4	2	0				
WILMGTN PORTER RESVR	48.9	33.3	41.1		64	3*	19	16	710	0	1	16	0	2.50	- 1.17	1.07	2	6.3	6	30	4	2	1				
DIVISION			40.9	- 5.1										2.11	- 1.37			6.3									
* * *																											
SOUTHERN																											
02																											
BRIDGEVILLE 1 NW	53.0	28.2	40.6	- 6.9	70	12	14	29	725	0	0	20	0	1.81	- 1.40	.85	30	6.5	7	30	5	1	0				
DOVER	53.7	34.2	44.0	- 3.9	70	12	20	29	624	0	0	14	0	2.39	- 1.28	1.02	30	8.8	9	30	5	1	1				
GEORGETOWN 5 SW	53.4M	30.8M	42.1M		70	11	18	29	677	0	0	0	0	1.35		.60	30	6.0	6	30	4	1	0				
LEWES 1 SW	52.4	33.2	42.8		72	12	19	29	657	0	0	16	0	2.19		1.10	30	4.5	3	30	5	2	1				
MILFORD 2 WSW	53.7	32.3	43.0		70	12	19	29*	654	0	0	18	0	1.96		.83	30	7.0	7	30	6	1	0				
SELBYVILLE	55.0	33.0	44.0		71	12	17	29	623	0	0	16	0	2.05		1.30	30	2.5	3	30	4	0	0				
DIVISION			42.8	- 5.1										1.96	- 1.61			5.9									

## SPECIAL WEATHER SUMMARY

Temperatures for the fifth consecutive month averaged below normal in all divisions of the two-state area. November 1967 temperatures were much below normal, averaging generally 3° to 5° below normal. This was the coldest November since 1962. For many stations it was the coldest since 1951 and for some it was even much earlier; concerning Wilmington and Dover, it was 1910.

totals in northern Maryland, precipitation totals were below normal. On the other hand, snowfall for the month was unusually heavy. Snowfall on the 30th was a record 1-day November total for many stations in the area extending from metropolitan Washington, D. C. through central Maryland into central Delaware. As a result, this November's snowfall was also a record maximum for many stations.

Except for a few stations with near normal

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# DAILY PRECIPITATION

MARYLAND AND DELAWARE  
NOVEMBER 1967

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																																
CRISFIELD SOMERS COVE	1.85		.33																.01				.24		.27							1.00
DEAN CITY HOTEL	-																															
POCOMOKE CITY 1 S	2.06		.28	.04												.07		.04	T				.02	.24	T	.29						1.08
PRINCESS ANNE	2.15		.20	.12												.15		T	.01				.24		.28							1.10
SALISBURY	2.24	T	.33									.03	T	.02	.05			.03				.01	.02	.22	.26	.01					1.26	
SALISBURY FAA AIRPORT	-																															
SNOW HILL	-																															
* * * * *																																
CENTRAL EASTERN SHORE 02																																
BLACKWATER REFUGE	2.09		.20	.20									.03	.07	T							T	.12		T	.26					1.21	
CAMBRIDGE 4 W	2.36		.38		.02								.07	.08	.05			.01						.28	.05	.32						1.10
DENTON 1 NW	2.04		.42										.20										.64		.37	T	.26					D.90
EASTON POLICE BARRACKS	1.79		.12	.03	.02																				.34		.28					
PRESTON 1 S	2.21		.36		.02								.02	.12	.07										.34		.28					1.12
ROYAL OAK	2.57		.43	.10	T								.07	.05	.06			T				T		.38	T	.25					1.29	
VIENNA	1.67		.37	.07										.04	.06			T	.02					.17	.04	.30						.60
* * * * *																																
LOWER SOUTHERN 03																																
CHARLOTTE HALL SCHOOL	2.31		.87																													.90
LA PLATA 1 W	2.20		.75																						.14	.11	.15					.98
LEONARDTOWN 3 NW	2.45		.90		.07																				.17	.01	.24					1.00
OWINGS FERRY LANDING	2.07		.88										T	.06				T						T		.29					1.10	
PRINCE FREDERICK	-																															
SOLOMONS	2.36	T	.59	.03		.07	T	T						.08				.04					.01							.40	.05	1.09
WALDRIF POLICE BRKS	D 2.40		.78										.05	.09				T					.03	.15	T	.45					D.85	
* * * * *																																
UPPER SOUTHERN 04																																
ANNAPOLIS	2.67		1.01	.08																		T	T	.10	.07	.15						1.26
BALTIMORE WB AIRPORT	2.60		.95	.02								T						.01	.10				.03	.14	.10	.03						1.19
BELTSVILLE	1.11		.03	.89																			.04	.09	.06							T
BELTSVILLE PLANT STA 5	1.70		.20	.76	.01																		.07	.10	.17							.30
COLLEGE PARK	2.37		.85		T								.02					.01	.02	.05			.05	.21	T	.15					1.08	
DALECARLIA RESVR D C	2.69		.99	.02	.03														.02					.07	.16	.03	.15					1.22
FORT GEORGE G MEADE	-																															
GLENN DALE BELL STA	2.56		.93	.03	.02				T									.01	T		T		.04	.18	T	.18					1.17	
LAUREL 3 W	1.60		.91		T													.07	T	.09	T		.32	.06	.14						T	
NATIONAL ARBORETUM D C	2.83		.95	.03	T																			.21	T	.18						1.26
SUITLAND	1.15		.01	.77	.01								T	T									.04	.09	T	.17					.06	
U. S. SOLDIERS HOME DC	2.07		.87	.01																			.05	.06	.14	.04					.86	
UPPER MARLBORO 3 NW	1.10		T	.76	T													.02	T			.02		.10	T	.20					.04	
* * * * *																																
NORTHERN EASTERN SHORE 05																																
CENTREVILLE	2.03		.70	.02									.02																			.85
CHESTERTOWN	2.36	T	.66		.02								T	T					.02													1.15
COLEMAN 3 NW	2.55		.90	.10	.04																		.12		.01	T	.23	.14				1.02
MILLINGTON	2.26		.55	.05															.09				.02	.03	.30	.06	.20					.92
ROCK HALL	-																															
* * * * *																																
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	1.96		1.04	.14	.05								T						.11				T	.05	.11	.01	T				.45	
BALTIMORE WB CITY	2.38		1.05	.03															.06				.01	.04	.20	.08	.03					.88
BENSON POLICE BARRACKS	D 3.03		1.02	.53	.12					T			.08						.04				T	.08	.16	.02	.18					D.75
BOYDS 2 NW	2.52		.95																					.13	.20	.10						.84
BRIGHTON DAM	1.62			1.03	.03								.02							.05				.12	.15	.22						
BROOKDALE	2.45		.91	T	.07																											1.47
COMWING DAM	2.28		1.30	.03	.06							T	.04					.04	.04					.02	.12	.02	.09					.50
ELKTON	2.08		.62	.06	.04								.07							.10				.04	.29	.11						.75
EMMITSBURG 2 SE	2.55		.90	.05								T	.05						.10	.22	T		.10	.22	T	.10					.82	
FREDERICK WFD	D 2.29		.87	T									.03						.22	.03			.04	.11	.19	.10					D.70	
FREDERICK 3 E	1.65			.86															.22	.07	T		.10									.32
LOCH RAVEN DAM	2.65		.99	.24	.08														.07	.07			T		.33	.15						.72
PARKTON 2 SW	2.74		1.17	.08									.06	T					.11	.05			.02	.19	.21	.06						.73
POTOMAC FILTER PLANT	2.73		T	1.05	.02																			.14	.15	.18						1.11
ROCKVILLE	2.33		.84	T																				.22	T	.07						1.20
TONSON	-																															
UNIONVILLE	2.35		.89																.20	.04				.03	.19	.23	T					.65
WESTMINSTER 2 SSE	1.72			.88	.05	T							.02	T					.16	.22			.02	.20	T	.18	.10					
WHEATON REGIONAL PARK	2.39		.84	.03	.03								.01						.03	.05				.14	.16	.01	.14					.95
WOODSTOCK	2.28		.84		.02									.02					.06	.10				.22								.80
* * * * *																																
APPALACHIAN MOUNTAIN 07																																
BOONSBORO	2.43		.95	.01	.01	T																	.07	.11	.23	.01	.07					.64
CHEMUNVILLE BRIDGEPORT	2.60		.99	.08																				.06	.12	.18	.01	.11				.75
CUMBERLAND	1.15		.02	.22	.05	T													.07	T			.03	T	.11	.12	.28	T	.10			T
CUMBERLAND POLICE BRKS	2.35		.08	.10	.08																			.11	.12	.28	.16					.90
EDGEMONT	1.84		.02	.96	.02									.10										.11	.21	.28	.06					
FROSTBURG	-																															
HAGERSTOWN	2.20		.84		T														.28	.02				.08								.51
HANCOCK FRUIT LAB	1.34		.01	.48																.15				.04	.08	.33	.16					
PICARDY	1																															

# DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE  
NOVEMBER 1967

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>																																			
* * * * *																																			
<b>NORTHERN 01</b>																																			
MIDDLETOWN 1 WSW	1.77																																		
NEWARK UNIVERSITY FARM	2.08		.32	.29	.10																														
WILMINGTON NCASTLE WB AP	2.08	T	.84	.01																															
WILMINGTON PORTER RESVR	2.50	T	1.07	.02																															
* * * * *																																			
<b>SOUTHERN 02</b>																																			
BRIDGEVILLE 1 NW	1.81		.36	.16																															
DOVER	2.39		.17	.46																															
GEORGETOWN 5 SW	1.35																																		
LEWES 1 SW	2.19		.01	.50																															
MILFORD 2 WSW	1.96			.21	.38	T																													
SELBYVILLE	2.05		.08	.20																															

## 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	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	28	5.5	10.4	37	W	19	66	71	50	55	1	5	3	1	1	0	11	55	5.3
WILMINGTON NCASTLE WB AP DEL	28	5.1	9.8	31++	31	15	77	77	53	65	9	6	2	2	0	0	19	-	6.1

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
NOVEMBER 1967

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																																			
CRISFIELD SOMERS COVE	MAX	63	66	63	62	55	46	42	45	58	60	62	62	64	52	48	39	47	57	58	49	50	52	52	49	54	59	54	50	43	44				
	MIN	45	55	53	54	42	34	34	37	29	35	41	52	49	39	36	27	32	38	42	39	35	45	43	32	45	43	43	35	34	31				
OCEAN CITY MOTEL	MAX																																		
	MIN																																		
POCONOKE CITY 1 S	MAX																																		
	MIN																																		
PRINCESS ANNE	MAX	67	70	67	62	51	46	44	45	59	64	67	70	66	49	45	36	48	61	55	46	50	60	54	51	56	64	56	47	43	38				
	MIN	36	54	42	51	30	20	21	21	19	26	30	50	45	30	32	15	19	29	36	25	26	46	42	22	44	29	33	32	15	18				
SALISBURY	MAX	67	69	67	62	53	48	44	45	57	64	67	71	65	49	45	37	47	61	52	47	50	61	54	50	52	64	55	52	44	41				
	MIN	42	54	47	52	37	26	27	27	25	31	35	52	47	35	33	22	25	34	35	35	29	46	43	27	45	35	37	32	22	28				
SALISBURY FAA AIRPORT	MAX	62	69	67	62	46	45	42	45	57	62	65	70	57	48	42	34	50	60	51	44	49	60	54	50	57	64	54	41	43	35				
	MIN	41	56	46	35	27	21	23	21	21	28	33	53	37	32	27	21	22	35	29	27	32	46	30	23	33	33	34	19	17	28				
SNOW HILL	MAX																																		
	MIN																																		
* * *																																			
CENTRAL EASTERN SHORE 02																																			
BLACKWATER REFUGE	MAX	67	65	66	65	52	47	42	45	59	62	62	69	66	49	45	35	46	61	53	47	47	54	50	46	54	63	60	52	43	42				
	MIN	38	54	47	50	41	28	29	31	27	31	36	51	47	33	35	25	25	36	36	36	31	43	42	27	43	38	37	31	28	27				
CAMBRIDGE 4 W	MAX	67	68	64	61	49	44	42	46	59	63	64	73	63	48	41	36	48	63	53	45	48	56	50	49	58	65	54	46	44	34				
	MIN	37	53	44	48	39	26	25	34	23	29	34	53	45	33	32	24	21	32	39	38	27	38	42	25	40	31	33	32	27	24				
DENTON 1 WNW	MAX	65	67	67	63	56	50	45	46	58	63	65	70	57	48	49	55	55	60	52	44	55	60	57	55	58	64	55	48	49	35				
	MIN	36	52	43	40	34	28	24	24	29	29	33	51	42	33	29	20	22	33	31	28	22	38	30	26	37	32	34	26	21	25				
EASTON POLICE BARRACKS	MAX	67	67	66	60	51	45	42	43	55	57	65	67	66	50	46	37	48	62	52	52	47	53	50	46	58	64	55	50	43	35				
	MIN	39	51	43	47	38	22	27	30	25	31	40	55	49	30	33	23	27	39	40	35	28	43	40	26	43	35	37	32	23	26				
PRESTON 1 S	MAX	66	67	66	61	47	46	43	46	58	63	65	71	62	47	44	37	46	61	52	45	48	56	50	45	56	63	54	48	42	35				
	MIN	37	52	44	45	31	23	26	25	24	30	34	52	45	30	32	22	22	34	38	31	26	43	42	26	35	33	36	31	21	25				
ROYAL OAK	MAX	69	67	65	60	50	46	42	48	58	63	66	72	66	49	46	37	47	62	52	46	47	52	50	46	57	65	55	49	43	39				
	MIN	40	52	45	48	39	29	25	31	27	31	38	52	46	34	32	24	28	36	41	36	28	42	40	27	42	33	36	32	25	26				
VIENNA	MAX	69	69	68	62	50	46	44	46	60	64	66	70	63	50	47	37	47	61	53	47	51	62	52	48	59	65	54	49	44	38				
	MIN	36	54	48	49	38	26	27	29	26	31	36	52	47	33	32	23	28	39	38	36	30	45	42	27	44	33	37	32	25	29				
* * *																																			
LOWER SOUTHERN 03																																			
CHARLOTTE HALL SCHOOL	MAX	61	66	67	66			47	47	64	65	67	74	73	60	49	38	50	62	53	50	50	47	58	60	65	60	57	58	49	39				
	MIN	31	49	39	39	30	21	21	24	21	30	34	51	40	35	21	19	23	29	29	29	28	21	21	30	30	36	38	30	21	18				
LA PLATA 1 W	MAX	70	58	67	60	48	48	44	49	64	67	69	75	69	50	42	38	51	64	53	46	48	50	49	42	60	67	58	48	47	37				
	MIN	40	54	39	46	34	22	20	20	21	29	36	52	43	30	29	20	25	32	29	27	34	38	37	21	39	29	32	25	15	27				
LEONARDTOWN 3 NW	MAX	69	64	67	61	50	45	42	46	64	65	69	74	69	50	45	36	51	64	56	46	49	53	50	46	61	67	56	46	46	37				
	MIN	29	53	44	46	33	19	21	22	19	28	33	33	46	28	32	18	25	38	28	24	30	42	38	20	40	30	32	26	14	23				
OWINGS FERRY LANDING	MAX	63	64	59	46	45	42	46	62	65	68	73	68	49	44	36	49	64	53	44	44	55	49	44	59	66	57	51	53	39					
	MIN	52	49	44	37	25	26	27	31	33	36	50	46	33	30	21	27	39	37	32	34	32	41	26	38	37	38	29	23	31					
PRINCE FREDERICK	MAX																																		
	MIN																																		
SOLOMONS	MAX	61	64	62	60																														
	MIN	48	55	49	33																														
WALDORF POLICE BRKS	MAX	68	62	66	63	52	46	43	48	63	68	67	74	71	55	50	34	48	64	54	50	51	51	48	44	60	64	62	54	47	43				
	MIN	38	51	41	46	36	21	20	22	21	28	33	50	45	31	28	18	24	34	40	35	34	42	37	21	38	34	34	30	17	31				
* * *																																			
UPPER SOUTHERN 04																																			
ANNAPOLIS	MAX	63	62	64	59	46	43	42	45	57	60	62	72	63	49	43	36	46	62	52	44	42	50	49	44	55	64	56	49	42	37				
	MIN	42	53	42	45	35	26	29	29	26	33	37	52	45	34	29	20	28	39	42	34	34	40	39	27	40	33	36	30	22	30				
BALTIMORE WB AIRPORT	MAX	64	58	65	59	45	45	42	46	59	63	66	73	54	48	43	38	46	61	51	45	40	48	48	45	57	65	56	39	42	34				
	MIN	41	50	43	35	29	23	29	25	25	32	34	52	41	34	24	21	29	39	37	31	32	39	33	28	33	29	35	22	20	28				
BELTSVILLE	MAX	60	65	58	65			45	45	58	64			72	51	48	37	37	48	60	50	44	42	49	47	57	64	55	39	43					
	MIN	36	46	39	20			24	18	35	41			31	38	32	19	23	37	48	33	32	33	41	23	39	31	30	14	20					
BELTSVILLE PLANT STA 5	MAX	60	65	59	65	55	44	44	42	45	59	64	67	72	52	48	36	38	53	59	51	44	45	48	42	49	59	64	55	39	43				
	MIN	38	52	39	43	30	19	24	24	20	27	31	50	45	39	30	21	23	36	42	29	33	36	38	22	37	26	31	31	16	24				
COLLEGE PARK	MAX	65	60	65	61	47	45	43	46	59	64	67	72																						

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
NOVEMBER 1967

Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																
NATIONAL ARBORETUM D C	MAX MIN	68 41	60 53	66 42	60 46	53 35	45 23	42 26	45 28	61 26	65 31	68 33	77 53	70 44	53 39	46 20	37 21	46 26	61 37	51 31	47 35	43 35	50 39	49 42	48 25	60 38	66 29	57 34	52 24	45 26	42 29	54.4 33.7
SUITLAND	MAX MIN	58 41	64 50	65 46	64 46	57 36	43 27	43 28	41 28	45 24	59 31	62 37	66 43	72 46	52 38	47 31	37 22	35 24	49 35	60 34	53 31	43 34	42 33	48 40	46 25	44 31	58 34	63 36	55 29	39 25	43 26	51.8 33.8
U. S. SOLDIERS HOME DC	MAX MIN	66 44	58 50	66 44	59 47	46 32	45 25	48 28	48 28	60 33	64 39	66 39	73 52	55 39	49 37	41 25	35 21	45 32	58 41	50 35	43 33	38 33	50 37	46 26	45 33	56 41	56 37	54 33	39 27	43 27	37 23	51.3 34.3
UPPER MARLBORO 3 NNW	MAX MIN	60 36	66 45	60 39	65 44	59 33	45 20	46 22	42 24	67 20	60 27	65 30	67 53	73 45	53 34	48 31	38 21	38 25	63 35	59 41	52 34	45 32	43 34	50 38	49 22	40 37	58 25	65 30	57 30	41 20	45 25	53.3 31.7
* * *																																
NORTHERN EASTERN SHORE 05																																
CENTREVILLE	MAX MIN	65 36	67 50	65 44	58 43	46 38	44 28	40 27	45 30	57 23	62 28	65 35	70 53	60 44	48 38	44 25	35 22	46 22	62 35	51 41	44 35	44 30	52 39	50 41	46 26	55 40	63 30	55 33	50 32	49 30	35 23	52.4 34.0
CHESTERTOWN	MAX MIN	67 41	65 52	66 45	60 41	49 33	48 27	43 28	47 28	55 29	63 33	65 37	70 53	57 41	48 35	43 25	39 21	46 29	59 46	53 37	47 34	43 30	50 30	49 35	46 30	56 35	62 33	62 35	42 25	43 25	33 28	52.4 33.8
COLEMAN 3 NNW	MAX MIN	65 41	65 50	65 46	58 48	48 37	46 29	42 33	47 31	54 27	62 35	64 37	70 52	58 43	47 36	43 30	37 22	43 24	59 38	60 39	45 35	40 29	48 37	47 41	47 32	56 39	62 35	57 31	49 25	41 25	35 26	52.0 35.5
MILLINGTON	MAX MIN	63 36	65 52	66 43	58 46	46 34	46 23	42 24	46 23	56 22	64 28	66 33	70 52	55 42	47 32	42 28	36 21	45 20	60 33	50 40	44 33	42 29	51 39	48 40	48 25	55 39	62 29	55 31	40 30	33 17	40 22	51.7 32.2
ROCK HALL	MAX MIN																															
* * *																																
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	MAX MIN	63 42	64 53	63 44	57 48	48 35	44 26	40 31	44 25	54 25	63 30	64 43	69 52	59 44	46 36	43 23	37 22	41 24	57 39	49 40	44 31	39 31	49 39	47 42	45 31	56 39	60 31	55 35	50 22	40 22	37 24	50.9 34.6
BALTIMORE WB CITY	MAX MIN	64 50	60 54	65 50	59 42	48 34	44 31	43 34	48 32	60 32	62 42	66 45	74 55	56 42	47 40	45 26	38 23	46 33	60 45	53 41	46 37	40 32	52 40	48 37	45 34	58 41	66 39	58 30	41 30	42 28	34 28	52.3 37.8
BENSON POLICE BARRACKS	MAX MIN	64 37	64 48	65 42	60 44	50 33	45 21	42 29	45 26	52 20	62 31	63 33	72 44	62 40	53 32	42 29	37 19	40 21	59 33	52 40	44 30	39 28	50 35	48 26	46 30	55 39	65 27	60 33	50 27	40 17	36 22	52.1 31.4
BOYDS 2 NW	MAX MIN	64 44	56 50	63 41	56 43	44 32	41 23	40 26	43 26	59 26	62 37	66 41	70 46	56 39	45 35	41 19	34 18	37 26	58 35	47 32	42 31	38 29	43 34	44 28	41 34	55 44	64 32	59 45	40 26	41 26	36 26	49.5 32.7
CONDWINGO DAM	MAX MIN	61 39	64 51	59 43	45 37	42 30	42 26	40 29	44 27	56 24	57 33	63 36	69 46	52 40	46 33	42 31	35 21	43 23	56 34	45 37	42 30	39 31	47 36	46 41	44 28	54 38	60 28	54 23	37 20	37 23	32 23	48.9 32.4
ELKTON	MAX MIN	63 40	62 53	65 45	56 45	46 34	45 23	42 26	45 25	54 22	60 33	67 34	69 49	58 43	46 34	42 27	37 21	44 22	56 44	48 40	43 33	39 28	51 38	47 30	46 38	55 39	62 38	55 29	47 29	39 21	32 24	50.7 33.4
EMMITSBURG 2 SE	MAX MIN	63 40	57 42	63 50	56 44	44 32	42 16	41 27	45 23	58 19	60 27	65 31	70 40	59 40	45 31	42 20	35 15	32 20	54 30	47 39	43 28	35 23	43 32	45 29	43 22	53 39	61 22	53 15	48 18	38 20	33 20	49.1 28.1
FREDERICK WFMD	MAX MIN	66 44	58 51	61 47	57 41	44 32	40 26	40 30	44 29	59 25	62 31	66 37	70 44	61 44	45 37	38 27	35 19	32 20	55 30	46 41	42 31	38 28	42 33	43 40	40 29	55 36	63 29	52 34	45 28	41 26	33 25	49.1 33.5
PARKTON 2 SW	MAX MIN	62 38	57 47	61 41	56 32	45 25	42 20	39 28	44 23	56 21	61 32	63 35	69 44	50 37	45 31	39 20	36 15	37 20	58 33	48 35	42 26	36 27	46 35	44 30	43 28	52 37	61 30	53 21	37 19	37 16	28 22	48.3 29.1
ROCKVILLE	MAX MIN	65 39	67 52	64 40	63 43	49 30	42 19	41 24	44 26	59 20	63 28	65 32	71 46	68 44	49 38	45 28	35 19	41 25	60 37	50 39	46 33	42 31	46 36	45 32	45 22	55 36	64 25	63 30	52 27	42 17	42 25	52.8 31.5
TOWSON	MAX MIN																															
UNIONVILLE	MAX MIN	64 40	55 42	61 33	57 39	43 28	42 16	41 25	44 19	58 18	61 25	65 30	68 40	58 41	46 31	42 27	35 14	34 19	57 33	48 39	42 27	37 26	46 33	45 37	43 24	54 30	62 24	55 27	42 21	40 15	31 21	49.2 28.3
WESTMINSTER 2 SSE	MAX MIN	61 40	56 50	62 38	54 40	40 30	41 21	38 26	42 23	55 21	60 32	63 37	67 47	55 39	45 33	39 23	33 16	33 22	55 33	44 38	39 29	34 28	47 33	44 36	41 28	51 35	60 27	50 34	41 27	37 16	28 22	47.2 30.8
WHEATON REGIONAL PARK	MAX MIN	65 38	62 51	62 38	60 44	47 32	40 22	44 24	42 26	58 20	61 28	64 32	71 48	66 44	48 36	45 29	20 20	23 37	49 41	45 30	44 32	47 32	48 35	46 37	46 24	55 37	61 25	58 30	52 29	41 15	41 25	52.1 31.7
WOODSTOCK	MAX MIN	63 36	58 52	64 37	56 41	44 30	45 18	41 24	44 24	58 18	63 27	67 25	70 38	59 39	46 34	43 26	37 17	38 25	59 32	44 31	44 29	44 29	50 31	45 35	43 25	56 36	64 24	54 30	37 28	40 14	32 24	50.5 29.3
* * *																																
APPALACHIAN MOUNTAIN 0T																																
BOONSBORO	MAX MIN	63 48	58 51	60 40	54 42	42 30	39 22	41 28	43 23	58 29	60 38	65 46	67 49	56 41	46 34	43 28	34 13	36 26	52 36	45 36	40 28	36 29	48 34	42 38	42 28	54 34	60 34	54 38	42 27	39 23	34 26	48.4 33.3
CHEWSVILLE BRIDGEPORT	MAX MIN	64 44	60 50	62 36	55 41	42 30	41 20	41 28	44 21	60 25	62 31	66 37	68 48	56 40	45 34	43 26	36 16	36 28	54 39	46 30	41 28	36 28	43 33	44 37	42 28	54 34	61 28	56 31	41 27	40 20	34 23	49.1 31.6
CUMBERLAND	MAX MIN	65 47	61 48	62 36	54 41	40 29	39 21	40 23	44 20	60 25	64 32	67 42	72 45	56 35	44 25	37 15	39 16	50 29	52 34	47 37	42 28	38 33	43 33	43 27	41 27	50 33	60 27	51 25	37 25	43 26	36 24	49.2 29.0
CUMBERLAND POLICE BRKS	MAX MIN	64 46	62 52	63 32	59 40	44 29	42 22	39 25	42 26	58 20	59 28	69 37	67 47	55 39	44 34	40 24	37 16	35 27	51 31	43 35	41 30	40 28	40 32	44 36	37 25	50 33	59 26	56 25	41 25	41 21	39 25	48.5 30.5
FROSTBURG	MAX MIN																															
HAGERSTOWN	MAX MIN	67 43	59 51	62 40	54 40	42 30	40 20	41 28	43 24	58 26	60 36	66 38	68 47	56 40	44 35	42 19	35 16	35 28	52 32	47 37	41 29	37 28	40 31	43 37	42 29	52 34	60 29	53 37	42 27	40 23	35 25	48.5 32.0
HANCOCK FRUIT LAB	MAX MIN	57 42	65 52	55 34	59 41	51 32	40 21	40 29	42 19	43 18	59 27	60 33	67 38	65 42	48 35	46 27	33 12	36 24	46 38	54 38	47 32	40 25	35 33	40 35	42 27	40 33	53 25	60 27	52 28	36 22	41 25	48.4 30.4
PICARDY	MAX MIN	64 43	58 52	61 35	53 41	41 28	40 19	42 26	43 20	60 20	62 33	69 41	61 42	54 41	43 34	39 23	37 11	37 28	53 36	44 37	41 30	37 28	44 32	42 34	38 26	51 32	61 28	52 34	48 24	33 25	34 25	48.1 30.7

See Reference Notes

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
NOVEMBER 1967

Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																
WESTERNPORT	MAX	61	59	60	52	47	39	41	45	60	65	72	70	68	59	45	38	42	49	45	41	39	42	42	39	50	60	52	40	44	37	50.1
	MIN	46	50	34	36	28	21	29	25	38	21	37	48	46	34	32	25	32	33	35	32	29	32	33	25	31	26	28	23	25	26	32.0
* * *																																
ALLEGHENY PLATEAU 08																																
BITTINGER 2 NW	MAX	54	52	51	44	30	28	30	32	49	55	63	56	44	32	29	30	38	40	34	32	32	46	42	34	37	50	41	27	33	29	39.8
	MIN	45	44	30	27	19	17	15	20	21	33	36	44	30	24	14	6	24	32	27	20	21	28	25	18	29	30	25	15	15	20	25.1
OAKLAND 1 SE	MAX	60	61	54	47	32	27	32	35	51	57	67	57	49	32	32	32	40	42	37	35	40	50	50	36	42	52	42	30	35	32	42.9
	MIN	47	46	32	30	21	18	18	20	19	35	29	47	31	26	18	-2	26	33	29	24	26	32	27	16	32	24	27	17	19	22	26.3
SAVAGE RIVER DAM	MAX	57	59	55	55	41	33	33	35	44	54	60	65	58	43	38	26	33	47	46	40	36	34	39	35	39	45	53	44	30	31	43.6
	MIN	37	48	35	37	27	20	28	22	20	29	34	41	36	31	21	12	18	31	33	29	26	26	32	22	22	26	27	21	22	23	27.9
SINES DEEP CREEK 2	MAX	60	58	55	45	33	28	33	35	51	57	67	57	50	34	34	34	40	43	38	34	39	49	45	35	41	50	42	30	34	32	42.8
	MIN	49	47	34	30	22	22	17	19	16	26	30	45	33	28	16	1	25	36	29	25	27	33	29	18	30	24	24	19	15	24	26.4
DELAWARE																																
* * *																																
NORTHERN 01																																
MIDDLETOWN 1 WSW	MAX	63	63	64	60						61					36	37	46	59	50	44	39	50	48	48	54	60	57	47	39	32	50.3
	MIN	37	51	45			23	25		23						28	19	20	32	37	33	25	37	37	24	39	30	32	26	21	23	30.3
NEWARK UNIVERSITY FARM	MAX	63	62	65	59	48	46	40	44	52	60	63	70	58	45	42	36	44	59	48	43	38	51	47	46	53	61	54	49	37	35	50.6
	MIN	39	52	44	41	33	23	25	27	21	33	34	46	42	31	28	19	20	33	37	31	27	36	38	29	38	28	32	29	21	22	32.0
WILMGTN NCASTLE WB AP	MAX	62	64	64	57	45	45	41	45	52	59	60	69	51	45	42	36	44	58	48	42	39	50	48	45	53	58	54	38	37	31	49.4
	MIN	42	53	46	35	29	24	27	26	25	34	37	49	40	31	22	19	25	34	38	29	29	39	32	29	35	30	32	23	22	25	32.0
WILMGTN PORTER RESVR	MAX	62	64	64	57	50	44	43	43	51	57	59	62	58	44	41	35	42	50	47	41	38	55	49	45	51	59	52	37	36	30	48.9
	MIN	42	52	44	42	32	25	29	28	27	40	40	54	39	29	22	19	27	33	38	28	30	37	34	31	37	36	32	25	23	23	33.3
* * *																																
SOUTHERN 02																																
BRIDGEVILLE 1 NW	MAX	63	67	67	60	50	45	42	46	57	62	66	70	63	48	43	36	47	60	51	44	47	60	53	46	55	64	54	47	41	37	53.0
	MIN	33	49	40	45	29	18	20	20	19	25	29	40	38	28	24	16	17	27	35	26	21	39	37	21	36	26	29	25	14	19	28.2
DOVER	MAX	62	63	67	64	52	47	43	45	58	61	67	70	67	50	45	37	46	60	51	45	43	58	53	47	55	64	58	53	40	39	53.7
	MIN	40	53	47	48	35	28	28	28	25	31	36	51	43	33	31	21	23	34	38	34	28	39	40	27	40	32	35	31	20	26	34.2
GEORGETOWN 5 SW	MAX	63	68	67	64	45	45	41	40	56	62	70	68	64	48	43	35		60	45	48	60	55	47	54	64	56	48	41	38	53.4	
	MIN	35	40	37	43	34	22	23	23	22	29	31	40	41	30	29	20	21		28	25	45	36	24	42	30	33	26	18	35	30.8	
LEWES 1 SW	MAX	60	64	64	63	48	42	45	44	58	58	62	72	55	48	41	37	46	61	51	46	47	63	53	47	55	65	51	45	43	39	52.4
	MIN	40	55	46	40	31	28	28	25	24	31	38	53	42	32	34	20	21	33	34	26	29	45	39	26	40	32	34	27	19	24	33.2
MILFORD 2 WSW	MAX	61	65	68	62	52	41	43	47	57	63	66	70	66	50	44	36	46	61	51	46	45	62	52	45	54	65	57	58	41	37	53.7
	MIN	37	53	43	47	31	21	24	24	23	28	32	52	44	30	29	19	21	33	39	28	24	42	38	30	40	30	35	29	19	23	32.3
SELBYVILLE	MAX	62	67	68	68	52	51	44	45	57	64	65	71	66	49	45	45	47	61	51	48	49	64	56	50	55	66	58	45	43	38	55.0
	MIN	42	54	45	45	33	24	28	24	21	29	33	53	44	31	32	20	19	30	37	34	25	45	42	24	44	30	33	30	17	22	33.0

See Reference Notes Following Station Index





# SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE  
NOVEMBER 1967

Station	Day of month																																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DELAWARE																																	
* * * NORTHERN 01																																	
MIDDLETOWN 1 WSW																																	7.0 7
NEWARK UNIVERSITY FARM																																	5.0 5
WILMGTN NCASTLE WB AP									T				T	T	T		T											T				6.8	
WILMGTN PORTER RESVR																																	6.3 6
* * * SOUTHERN 02																																	
BRIDGEVILLE 1 NW																																	6.5 7
DOVER																																	8.8 9
GEORGETOWN 5 SW																																	6.0 6

### TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 77° ON THE 12TH AT NATIONAL ARBORETUM, D. C.  
 LOWEST TEMPERATURE: -2° ON THE 16TH AT OAKLAND 1 SE, MD.  
 GREATEST TOTAL PRECIPITATION: 3.64 INCHES AT BITTINGER 2 NW, MD.  
 LEAST TOTAL PRECIPITATION: 1.10 INCHES AT UPPER MARLBORO 3 NNW, MD.  
 GREATEST ONE-DAY PRECIPITATION: 1.47 INCHES ON THE 30TH AT BROOKDALE, MD.  
 GREATEST REPORTED TOTAL SNOWFALL: 23.4 INCHES AT BITTINGER 2 NW, MD.  
 GREATEST REPORTED DEPTH OF SNOW ON GROUND: 11 INCHES ON THE 30TH AT 4 STATIONS, MD.



REFERENCE NOTES

MARYLAND AND DELAWARE  
NOVEMBER 1967

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 Index, but for which data are not listed in the tables, 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, MONTHLY 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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