



CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

MAURICE H. STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

MARYLAND AND DELAWARE

MARCH 1969

Volume 73 No. 3

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		
										Max.	Min.	Total	Max. Depth on Ground					Date	.10 or More	.50 or More	1.00 or More		
																						80° or Above	60° or Above
MARYLAND																							
* * *																							
SOUTHERN EASTERN SHORE 01																							
ASSATEAGUE STATE PARK	47.8	32.2M	40.0M	- 4.0	66	25	19	12	764	0	0	16	0	3.35	- 2.76	1.48	7	13.6	7	2	4	2	2
CRISFIELD SOMERS COVE	50.2	34.8	42.5		66	29	22	12	689	0	0	16	0	1.25		.46	2			5	0	0	
POCOMOKE CITY 1 S	51.6	28.9	40.3		72	29	19	16+	758	0	0	22	0					11.6	5	2			
PRINCESS ANNE	51.5	30.8	41.2		72	29	21	16+	733	0	0	22	0	3.01		1.47	7	9.0	4	2	5	2	1
SALISBURY	52.5	32.3	42.4		70	30	22	12	694	0	0	20	0	4.04	- .09	1.29	25	10.0	5	2	6	3	2
SALISBURY FAA AIRPORT	48.6	30.0	39.3		72	29	22	16+	791	0	0	24	0	2.44		.62	7	10.0	5	3	9	1	0
SNOW HILL 4 N	49.0	30.5	39.8	- 4.9	70	29	19	8	776	0	0	20	0	6.00	1.38	2.90	2	13.0	6	2	5	2	2
DIVISION																							
			40.8	- 4.2										3.35	- .79			11.2					
* * *																							
CENTRAL EASTERN SHORE 02																							
BLACKWATER REFUGE	52.7	32.4	42.6		69	21	21	12	689	0	0	20	0	2.70		1.19	7	7.8	5	7	6	2	1
CAMBRIDGE 4 W	50.1	30.6	40.4		69	29	18	12	758	0	0	21	0	3.11		1.05	25	12.5	4	2	6	2	1
DENTON 1 WNW	48.8M	29.6M	39.2M		69	29	17	11	794	0	0	0	0	3.14		1.06	7	10.5	5	2	5	3	1
EASTON POLICE BARRACKS	52.2	32.5	42.4	- 1.9	70	29	21	12	696	0	0	20	0	2.05	- 1.90	.79	25	5.5	3	7+	5	2	0
PRESTON 1 S	50.4	31.2	40.8		68	29+	20	12	745	0	0	20	0	3.82		1.28	7	14.0	5	2	6	3	1
ROYAL OAK	51.4	32.6	42.0		69	29	21	12	706	0	0	20	0	3.54		1.36	7	12.0	2	9+	7	2	1
VIENNA	52.3	32.8	42.6		70	29	22	12	687	0	0	20	0	3.75		1.60	7	10.2	3	2	6	2	1
DIVISION																							
			41.4	- 2.9										3.16	- .74			10.4					
* * *																							
LOWER SOUTHERN 03																							
CHARLOTTE HALL SCHOOL																							
LA PLATA 1 W	53.4	29.9	41.7		73	29	20	31+	715	0	0	22	0	2.77		1.05	25	8.0	3	9	6	2	1
LEONARDTOWN 3 NW																							
DWINGS FERRY LANDING	51.9	32.0	42.0	- 2.6	70	29	19	12	705	0	0	21	0	1.89	- 1.60	.68	25	10.3	4	2	5	2	0
PRINCE FREDERICK																							
SOLOMONS	50.9	34.2	42.6	- 2.7	72	29	22	12	687	0	0	16	0	3.54	- .07	1.45	25	8.0	3	2	5	3	2
WALDORF POLICE BRKS																							
DIVISION																							
			42.1	- 2.7										2.73	- .93			8.8					
* * *																							
UPPER SOUTHERN 04																							
ANNAPOLIS	50.6	31.8	41.2	- 1.9	69	29	20	12	730	0	0	21	0	2.34	- 1.28	.68	25	9.1	6	2	5	3	0
BALTIMORE WB AIRPORT R	50.3	31.0	40.7	- 2.4	67	29	20	12	748	0	0	21	0	1.63	- 2.19	.38	2	7.8	3	3+	5	0	0
BELTSVILLE	49.7	28.5	39.1		68	20	18	16	793	0	0	23	0	1.25		.49	25	3.2	2	3+	3	0	0
BELTSVILLE PLANT STA S	50.7	29.0	39.9		69	20	18	17	774	0	0	22	0	1.35		.55	25	9.3	4	3+	4	1	0
COLLEGE PARK	53.0	32.2	42.6	- 1.4	69	29+	18	12	686	0	0	21	0	1.42	- 2.31	.40	7	5.8	4	2	4	0	0
DALECARLIA RESVR D C	53.5	29.3	41.4		69	20+	12	12	725	0	0	21	0	1.64		.49	7				4	0	0
FORT GEORGE G HEADE	52.8	29.3	41.1		68	19	18	16	737	0	0	22	0	1.41		.41	25	7.1	3	2	4	0	0
GLENN DALE BELL STA	53.5	29.4	41.5	- 1.7	68	29+	19	11	719	0	0	22	0	1.40	- 2.44	.41	25	6.3	4	2	5	0	0
LAUREL 3 W	51.4	31.8	41.6		67	20+	19	12	717	0	0	20	0	1.75		.62	25	8.0	4	7+	5	1	0
NATIONAL ARBORETUM D C	53.4	32.2	42.8		69	21+	21	12	681	0	0	20	0	1.77		.47	25+	4.9			6	0	0
SUITLAND	48.9	31.6	40.3		67	30+	24	13+	758	0	0	21	0	1.50		.47	7	7.0	4	7	5	0	0
U. S. SOLDIERS HOME DC	51.5	31.6	41.6		70	21+	19	12	721	0	0	20	0	1.71		.41	7	4.5	5	1	7	0	0
UPPER MARLBORO 3 NNW	50.6	29.5	40.1		70	22	18	16	769	0	0	23	0	1.99		.60	25	6.0	3	7+	5	2	0
DIVISION																							
			41.1	- 2.3										1.63	- 2.07			6.6					
* * *																							
NORTHERN EASTERN SHORE 05																							
CENTREVILLE	50.5	32.1	41.3		65	30+	20	12	726	0	0	19	0	2.34		.84	7	12.0	4	7+	5	2	0
CHESTERTOWN	50.1	31.6	40.9		68	21	20	12	740	0	0	22	0	2.03		.63	7	11.0	6	2	6	1	0
COLEMAN 3 WNW	51.0	31.9	41.5	.3	66	29	20	12	721	0	0	19	0			.62	25		1	7	4	2	0
EASTERN NECK ISLAND																.56	7				4	1	0
MILLINGTON	51.5	29.7	40.6	- 2.8	69	29	19	12	748	0	0	21	0	1.85	- 2.01	.52	25	10.5	6	2	5	2	0
DIVISION																							
			41.1	- 1.7										1.90	- 1.99			11.2					
* * *																							
NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FLD R	50.3M	32.4M	41.4M	- 1.5	65	29+	20	12	725	0	0	16	0	1.05	- 2.50	.48	25	2.0	2	2	3	0	0
BALTIMORE WB CITY	51.2	35.2	43.2		69	29	20	12+	672	0	0	14	0	1.44		.37	7				5	0	0
BENSON POLICE BARRACKS	51.1	28.8	40.0		68	18	16	12	769	0	0	25	0	1.61		.92	25	7.0	4	2	5	1	0
BOYDS 2 NW	49.4	29.3	39.4		68	18	16	11	787	0	0	22	0	1.29		.75	24	6.5	2	7+	3	1	0
CATOCTIN MOUNTAIN PARK	44.8	25.9	35.4		63	20	13	12+	913	0	2	23	0	3.19		1.03	24	10.0	8	3+	6	2	1
CLARKSVILLE 3 NNE	50.0	28.0	39.0		67	19+	18	23+	799	0	1	25	0	1.38		.51	25	8.0	6	2	4	1	0
CONDWINGO DAM	47.9	29.1	38.5		64	29+	18	12	813	0	0	24	0	1.61	- 3.07	.68	24	4.0	3	2	3	1	0
ELKTON	50.6	29.7	40.2	- 1.9	70	18	19	12	758	0	0	23	0	1.12		.40	7	5.5	1	2	4	0	0
EMMITSBURG 2 SE	49.8M	26.8M	38.3M		70	18	15	15	822	0	0	25	0	1.94		.95	25	6.0	3	2	5	1	0
FREDERICK WFMD	50.5	30.0	40.3	- .8	69	20+	18	12	763	0	0	22	0	1.86	- 1.67	1.02	25	5.5	4	2	4	1	1
PARKTON 2 SW	47.0	25.8	36.4		68	18	15	12	878	0	2	25	0	2.39		.94	25	12.0	7	2	6	1	0
ROCKVILLE	49.7	26.0	37.9		67	20+	13	12	834	0	0	27	0	1.70		.42	7	8.0	4	7+	5	0	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 28

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
MARCH 1969

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	
										50° or Above	32° or Below	32° or Below	0° or Below											
TOWSON	50.4	31.2	40.8		66	18	18	12	743	0	0	21	0	2.15	- 1.98	.70	2	11.0	6	2	5	2	0	
UNIONVILLE	48.7	26.1	37.4		69	18	16	16	848	0	0	25	0	1.77		1.03	25	3.0	3	2	4	1	1	
WESTMINSTER 2 SSE	46.6	27.7	37.2	- 4.1	66	19+	16	12+	854	0	2	24	0	2.43	- 1.62	1.22	25	9.5	4	7+	5	1	1	
WHEATON REGIONAL PARK	51.6	28.7	40.2		67	19	18	16+	763	0	0	23	0	2.15		.84	25	7.7	5	2	5	1	0	
WOODSTOCK	49.1M	M	M							0	0		0	1.94	- 1.68	.60	2	8.0	6	2	4	1	0	
DIVISION			39.1	- 2.7										1.82	- 2.04			7.1						
* * *																								
APPALACHIAN MOUNTAIN 07																								
BOONSBORO	48.8	30.6	39.7		68	19	18	12	775	0	0	21	0	1.93		.61	25	8.5	4	2	5	2	0	
CHEWSVILLE BRIDGEPORT	49.5	28.7	39.1	- 1.5	70	19	18	12	796	0	0	23	0	1.22	- 1.86	.58	25	5.0	2	2+	3	1	0	
CUMBERLAND	49.2	27.5	38.4		74	20	18	12+	818	0	1	24	0	1.63		1.00	25	3.0	3	7	3	1	1	
CUMBERLAND POLICE BRKS	49.2	27.4	38.3		73	20	17	16+	821	0	0	25	0	2.34		.84	24	4.0	1	7	6	2	0	
FROSTBURG	44.1	24.6	34.4	- 3.7	68	20	11	12	943	0	2	25	0	2.18	- 1.77	.77	24	14.4	3	7	5	1	0	
HAGERSTOWN	48.8	29.9M	39.4M		70	19			773	0	1		0	1.77		.66	25	4.0	1	1	5	1	0	
HANCOCK FRUIT LAB	48.6	27.5	38.1		72	20	15	16	825	0	1	24	0	1.98	- 1.46	1.34	25	2.6	1	7+	4	1	1	
PICARDY	48.4	27.8	38.1		71	19	15	12	825	0	1	23	0	1.90		.87	25	.4	T	7	4	2	0	
WESTERNPORT																								
WESTERNPORT UPRC	49.0	28.0	38.5		73	20	17	12	814	0	0	25	0	1.42		.61	24	.8	0		3	2	0	
DIVISION			38.2	- 2.7										1.82	- 1.69			4.7						
* * *																								
ALLEGHENY PLATEAU 08																								
BITTINGER 2 NW	39.5	20.9	30.2		62	20	7	12	1074	0	10	26	0	2.43		.63	24	29.1	16	11	10	1	0	
OAKLAND 1 SE	41.2	19.4	30.3	- 5.8	66	20	5	13	1067	0	8	29	0	2.64	- 1.91	.87	24	20.1	5	11	7	2	0	
SAVAGE RIVER DAM	42.5	22.2	32.4		69	21	12	13+	1006	0	5	28	0	1.41		.57	25	6.0	3	7	3	1	0	
SINES DEEP CREEK 2	41.5	20.0	30.8	- 4.0	67	20	3	13	1053	0	5	28	0	2.23	- 2.30	.47	24	23.0	10	11	7	0	0	
DIVISION			30.9	- 4.2										2.18	- 2.13			19.6						
DELAWARE																								
* * *																								
NORTHERN 01																								
MIDDLETOWN 1 WSW	51.4	29.7	40.6		66	21	19	12+	750	0	0	21	0	1.59		.49	25	10.5	3	2	4	0	0	
NEWARK UNIVERSITY FARM	50.6	29.2	39.9		69	18	18	12	772	0	0	24	0	1.12		.48	25	6.0	3	2	4	0	0	
WILMGTN NCASTLE WB AP	48.3	30.8	39.6	- 1.7	65	18	19	12	780	0	0	22	0	1.71	- 2.31	.43	25	7.8	4	3	5	0	0	
WILMGTN PORTER RESVR	46.8	29.3	38.1		66	18	18	12	827	0	1	23	0	2.05	- 1.96	.63	24	12.1	9	2	5	1	0	
DIVISION			39.6	- 2.1										1.62	- 2.33			9.1						
* * *																								
SOUTHERN 02																								
BRIDGEVILLE 1 NW	49.7	29.4	39.6	- 4.0	69	29	19	12+	781	0	0	21	0	3.37	- .61	1.22	7	15.0	7	7+	7	3	1	
DOVER	51.4	31.0	41.2	- 2.5	68	29	18	12	729	0	0	20	0	3.36	- .56	1.01	25+	18.6	12	3	5	3	2	
GEORGETOWN 5 SW	48.4M	29.5M	39.0M		69	30	18	10+	804	0	1	19	0	3.24		1.33	7	14.5	10	7	7	2	1	
LEWES 1 SW	47.9	31.2	39.6		70	29	18	12	783	0	0	20	0	3.91		1.30	7	23.4	8	2	7	3	1	
MILFORD 2 WSW	50.9	29.7	40.3		70	29	18	12+	757	0	0	21	0	4.09		1.12	7	23.5	10	2	7	4	2	
SELBYVILLE	50.4	31.2	40.8		70	29	20	12+	742	0	0	19	0	4.55				11.5	4	3				
DIVISION			40.1	- 3.7										3.79	- .40			17.8						

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 74° ON THE 20TH AT CUMBERLAND, MD.

LOWEST TEMPERATURE: 3° ON THE 13TH AT SINES DEEP CREEK 2, MD.

GREATEST TOTAL PRECIPITATION: 6.00 INCHES AT SNOW HILL 4 N, MD.

LEAST TOTAL PRECIPITATION: .68 INCH AT POTOMAC FILTER PLANT, MD.

GREATEST ONE-DAY PRECIPITATION: 2.90 INCHES ON THE 2D AT SNOW HILL 4 N, MD.

GREATEST REPORTED TOTAL SNOWFALL: 29.1 INCHES AT BITTINGER 2 NW, MD.

GREATEST REPORTED DEPTH OF SNOW ON GROUND: 16 INCHES ON THE 11TH AT BITTINGER 2 NW, MD.

See Reference Notes Following Station Index

MARYLAND AND DELAWARE
MARCH 1969

See reference notes following Station Index

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
MARCH 1969

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 NSW		1.59		.30	.40				.32																.05	.49							
NEWARK UNIVERSITY FARM		1.12		.14	.04				.24																.15	.48	T					.07	
WILMGTN NCATTLE WB AP		1.71	.08	.22	.05			T	.39																	.41	.43	T			.11	T	
WILMGTN PORTER RESVR		2.05	.06	.48	T				.26													T	.02			.63	.48	T			.14	T	
* * * SOUTHERN 02																																	
BRIDGEVILLE 1 NW		3.37	T	.61	.17				1.22		.11	T														.11	.69			T	.42	.04	
DOVER		2.56		.85	.37				1.01		T															.07	1.01				.25		
GEORGETOWN 5 SW		3.24		.34	.21				1.39			T	T	T												.15	.65	.23			.35	.10	
LEWES 1 SW		3.91	.18	.82	.02			.08	1.30		.15											T	.03			.15	.80	.01			.28	.06	
MILFORD 2 NSW		4.09	T	1.05	.57				1.12		.19															.10	.58	T	T		T	.43	
SELBYVILLE		4.55	*	*	2.70				.75		.20	T												.04		.08	.46	.02			.22	.08	

SPECIAL WEATHER SUMMARY

In spite of the snows during the early part of the month, March 1969 was a cold, dry month over much of the 2-state area. Temperatures, averaging 1° to 5° below normal, made this the coldest March since 1965. Precipitation was below normal to much below normal, except in the southeast where totals were more nearly normal and did reach as much as 6.00 inches at Snow Hill. The 16-day period from the 8th through the 23d was exceptionally dry as many stations reported little or no measurable totals. March snowfall was normal to much above normal, except for parts of the Appalachian Mountain and Northern Central Divisions. On Eastern Shore and Dela-

ware it was the snowiest March since 1960, with many stations reporting totals of 10 inches or more; for southeastern Delaware, it was a record-breaking March snowfall, with both Milford and Lewes reporting just over 23 inches. The 12.5 inches on the 7th was a record one-day March snowfall at Lewes.

March cloudiness, as reported by the Weather Bureau airport stations, was less than the March average as the number of clear days (average cloudiness three-tenths or less) was much greater than the average, totaling 14 days at Washington National Airport, 13 days at Baltimore, and 11 days at Wilmington.

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DAILY TEMPERATURES

MARYLAND AND DELAWARE
MARCH
1969

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	40 33	38 32	44 32	46 28	41 25	46 25	43 31	44 27	43 31	42 23	42 27	38 19	45 25	48 33	45 28	51 31	54 38	49 38	49 37	53 36	56 38	48 34	48 33	66 43	57 44	50 35	50 31	56 41	58 38	44 27	47.8 32.2		
CRISFIELD SOMERS COVE	MAX MIN	41 33	39 30	43 32	44 30	46 30	46 29	46 31	45 29	47 30	40 30	40 29	39 22	45 30	47 35	46 31	50 27	57 30	56 42	60 45	58 39	59 43	55 42	56 34	55 43	62 50	57 44	52 38	51 38	66 43	62 38	46 32	50.2 34.8	
POCOMOKE CITY 1 S	MAX MIN	38 32	35 28	42 30	44 26	43 25	48 21	48 21	47 22	44 28	40 23	40 29	38 19	45 20	48 24	50 21	52 19	61 21	64 32	64 43	58 37	64 37	60 36	59 22	54 38	66 50	58 42	51 31	56 21	72 39	67 34	44 25	51.6 28.9	
PRINCESS ANNE	MAX MIN	39 30	37 30	43 32	46 26	41 25	47 25	47 32	48 24	44 30	42 25	38 29	39 21	45 26	47 27	45 29	51 21	60 24	63 41	64 44	59 37	67 44	61 38	60 24	56 36	68 50	55 41	48 29	54 22	68 38	44 23	51.5 30.8		
SALISBURY	MAX MIN	42 32	44 30	44 32	47 28	42 25	49 26	49 32	48 23	48 30	45 26	42 30	46 22	47 26	49 30	49 28	51 25	62 26	60 39	65 44	59 37	66 44	66 38	60 28	56 38	63 51	53 48	51 27	69 40	70 34	42 28	52.5 32.3		
SALISBURY FAA AIRPORT	MAX MIN	38 32	33 31	42 30	43 26	37 24	46 25	39 27	46 24	37 29	40 26	34 22	38 22	44 27	46 29	43 27	50 22	60 24	65 39	61 39	49 37	66 47	54 30	58 26	62 36	64 47	53 32	47 28	53 24	72 41	46 31	41 25	48.6 30.0	
SNOW HILL 4 N	MAX MIN	38 33	36 30	42 31	42 25	38 22	45 21	40 32	45 19	41 30	40 21	38 27	37 22	43 24	45 28	44 26	50 24	60 26	64 35	60 44	46 38	65 44	61 35	55 25	53 37	65 50	55 41	47 31	52 24	70 42	60 35	42 24	49.0 30.5	
* * *																																		
CENTRAL EASTERN SHORE	02																																	
BLACKWATER REFUGE	MAX MIN	44 32	37 29	45 30	46 29	46 28	45 25	45 32	48 28	44 30	42 26	42 30	40 21	47 28	49 30	48 29	52 25	60 26	62 39	65 44	62 35	69 45	68 38	68 26	61 43	62 50	58 42	51 34	68 22	64 42	45 29	52.7 32.4		
CAMBRIDGE 4 W	MAX MIN	39 31	36 32	45 28	45 29	41 27	45 23	39 30	50 26	40 30	42 27	37 27	39 18	45 22	47 30	44 22	52 20	60 22	63 35	63 45	58 33	68 43	57 38	58 24	55 40	60 50	55 40	48 34	51 23	69 41	58 31	43 29	50.1 30.6	
DENTON 1 MNW	MAX MIN	46 31	35 28	44 30	45 23	40 30	45 26	42 30	48 23	40 29	42 20	36 17	40 20	45 25	46 25																			
EASTON POLICE BARRACKS	MAX MIN	40 32	38 29	45 31	47 31	45 28	45 24	44 31	49 27	49 30	43 27	41 28	41 21	46 28	48 30	45 32	53 25	63 27	62 37	64 45	63 38	68 44	68 39	59 27	58 38	60 52	55 42	50 35	54 27	70 40	62 34	43 28	52.2 32.5	
PRESTON 1 S	MAX MIN	41 32	38 28	43 29	45 28	41 25	45 23	44 31	48 26	40 29	43 25	38 26	40 20	46 27	47 29	45 30	51 25	60 25	63 35	65 44	59 38	68 42	62 34	58 25	53 37	55 52	48 41	47 34	68 26	60 38	43 34	50.4 31.2		
ROYAL OAK	MAX MIN	41 32	39 30	46 30	47 31	44 28	43 25	43 31	49 26	47 29	43 25	39 26	41 20	47 27	48 31	45 28	52 25	61 25	60 35	63 44	61 38	68 44	60 38	59 26	56 42	60 51	54 43	49 35	53 29	69 43	61 34	44 29	51.4 32.6	
VIENNA	MAX MIN	42 32	37 30	46 31	46 30	44 26	46 28	45 32	49 30	42 30	44 28	40 25	47 22	48 27	49 32	47 30	54 25	63 26	62 42	66 46	60 38	67 45	63 38	61 26	56 39	63 51	55 42	50 35	53 27	70 42	63 34	44 27	52.3 32.8	
* * *																																		
LOWER SOUTHERN	03																																	
CHARLOTTE HALL SCHOOL	MAX MIN																																	
LA PLATA 1 W	MAX MIN	36 32	35 30	50 31	50 25	46 26	46 25	44 33	55 24	46 32	42 27	42 24	41 20	48 26	51 27	47 24	58 20	65 22	65 32	70 42	60 32	72 42	62 34	63 22	55 40	63 52	53 39	50 29	59 22	73 40	60 34	47 20	53.4 29.9	
LEONARDTOWN 3 NW	MAX MIN																																	
OWINGS FERRY LANDING	MAX MIN	38 31	33 28	47 30	47 30	44 28	46 28	41 31	51 29	48 29	42 27	38 25	41 19	47 26	48 29	45 30	54 25	64 27	65 40	67 43	64 38	68 42	59 37	59 28	59 41	61 49	53 41	48 31	57 28	70 41	61 36	44 26	51.9 32.0	
PRINCE FREDERICK	MAX MIN																																	
SOLOMONS	MAX MIN	42 33	36 31	45 33	47 32	47 30	47 32	42 32	51 29	50 32	42 30	41 30	41 22	46 29	48 33	47 30	54 28	52 30	51 40	63 43	56 37	69 41	56 39	55 33	48 43	59 46	57 46	50 35	53 31	72 45	67 38	43 31	50.9 34.2	
WALDORF POLICE BRKS	MAX MIN																																	
* * *																																		
UPPER SOUTHERN	04																																	
ANNAPOLIS	MAX MIN	40 32	36 30	45 30	46 29	44 26	44 26	41 32	51 27	44 31	43 29	38 25	41 20	46 26	48 29	45 29	54 23	61 26	59 31	63 43	57 36	67 42	58 36	57 28	53 43	62 49	55 42	48 34	53 28	69 42	57 35	43 26	50.6 31.8	
BALTIMORE WB AIRPORT	MAX MIN	36 32	35 30	47 32	48 28	41 23	45 27	42 30	50 27	40 34	43 31	35 22	41 20	48 26	48 27	46 30	55 24	65 26	66 32	65 42	57 35	66 45	57 33	60 27	53 42	62 47	49 36	49 33	56 26	67 40	42 32	44 22	50.3 31.0	
BELTSVILLE	MAX MIN	47 31	34 29	35 28	45 24	48 24	41 22	45 30	40 26	50 32	38 28	40 27	39 19	41 24	47 28	47 25	44 18	51 22	63 29	66 31	68 29	68 36	56 21	56 33	57 30	60 40	48 42	49 30	53 23	69 39	67 34	40 21	49.5 28.7	
BELTSVILLE PLANT STA 5	MAX MIN	46 32	34 30	36 32	47 29	47 25	42 22	45 33	41 27	50 30	40 25	42 27	34 20	41 25	47 25	47 20	45 18	55 22	63 28	66 39	69 29	59 39	68 33	58 24	66 42	56 42	61 42	49 33	48 21	58 37	68 34	43 24	50.7 29.0	
COLLEGE PARK	MAX MIN	42 33	35 29	48 32	49 30	47 27	45 26	44 32	48 28	47 32	42 31	40 28	42 18	48 27	49 32	47 30	56 23	64 25	65 31	69 41	68 32	68 40	65 37	61 25	58 42	60 46	57 44	49 38	53 28	69 45	60 38	44 29	53.0 32.2	
DALECARLIA RESRV D C	MAX MIN	44 33	35 29	47 27	48 24	48 13	45 25	44 32	52 28	51 30	42 37	40 23	41 12	47 18	47 25	45 22	56 22	66 24	66 32	69 38	69 46	68 42	67 39	60 27	61 42	60 36	57 30	49 26	58 26	67 44	65 35	44 26	53.5 29.3	
FORT GEORGE G MEADE	MAX MIN	46 30	36 28	46 28	48 27	47 23	46 25	45 26	50 26	48 31	43 26	41 26	41 19	48 25	48 26	46 27	56 21	65 22	66 28	66 21	68 39	65 40	67 33	63 23	57 41	60 51	56 40	49 33	56 23	67 39	59 35	41 21	52.8 33.5	
GLENN DALE BELL STA	MAX MIN	44 31	35 29	48 26	49 26	48 25	46 20	44 33	51 24	51 28	43 26	41 28	42 20	48 25	48 31	46 28	55 20	63 20	66 28	68 37	68 29	68 43	66 31	61 26	59 38	62 50	57 42	48 34	56 20	68 39	67 34	44 19	53.5 29.4	
LAUREL 3 W	MAX MIN	42 31	33 28	46 29	47 26	46 24	45 29	43 32	49 24	47 32	43 29	36 25	40 19	47 25	46 31	45 27	55 29	63 36	65 40	67 42	67 33	65 42	61 37	60 35	59 39	56 40	49 42	59 30	65 32	65 42	49 23	51.4 31.8		

Continued

DAILY TEMPERATURES

MARYLAND AND DELAWARE
MARCH 1969

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	42 29	35 32	48 31	49 32	48 27	45 26	43 32	53 28	51 32	42 30	40 27	42 21	48 27	49 28	46 30	55 24	64 25	66 36	69 41	67 35	69 43	63 41	61 27	60 38	61 47	56 44	50 35	57 27	68 40	64 36	44 26	53.4 32.2
SUITLAND	MAX MIN	45 32	34 29	34 27	46 31	46 26	41 26	43 31	39 28	51 31	33 29	40 28	33 24	40 24	46 30	47 29	44 25	54 29	62 39	64 45	67 36	59 36	67 40	56 32	60 32	55 41	59 41	41 33	47 26	56 36	67 37	41 28	48.9 31.6
U. S. SOLDIERS HOME DC	MAX MIN	38 25	35 28	48 31	50 30	44 24	45 29	43 30	53 30	41 30	44 32	37 20	43 19	49 25	51 29	48 28	57 29	63 33	66 40	70 42	56 34	70 44	59 37	60 34	56 40	63 45	49 36	49 29	56 31	67 40	42 26	45 26	51.5 31.6
UPPER MARLBORO 3 NNW	MAX MIN	46 32	34 29	35 30	47 29	46 28	43 23	45 30	40 26	53 29	35 29	43 29	35 20	42 29	47 26	48 29	44 18	55 20	63 30	67 34	67 30	60 37	70 32	58 20	60 40	58 40	62 42	49 33	49 22	56 38	69 35	43 25	50.6 29.5
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	41 32	38 29	36 28	46 30	46 26	45 25	43 32	48 22	47 30	43 30	40 26	40 20	45 28	47 31	45 30	52 25	61 25	65 30	65 41	63 38	65 43	61 38	58 24	51 35	55 42	47 35	53 32	58 45	65 35	38 35	50.5 32.1	
CHESTERTOWN	MAX MIN	40 31	33 28	48 31	48 28	42 24	25 27	42 30	50 26	39 30	46 30	36 22	43 20	47 28	50 29	46 30	53 28	60 28	64 32	65 41	55 39	68 45	55 37	60 28	55 40	60 47	50 38	48 35	53 30	67 42	44 26	50.1 31.6	
COLEMAN 3 WNW	MAX MIN	41 31	37 29	46 31	47 31	44 25	42 25	42 31	47 23	43 33	44 30	40 25	41 20	45 29	47 30	45 30	53 28	61 28	63 31	64 41	62 38	65 38	58 39	59 32	57 36	60 49	55 39	49 33	66 40	62 35	42 26	51.0 31.9	
EASTERN NECK ISLAND	MAX MIN			45 28	45 22	45 27	41 28	42 27			43 27	42 28	44 22	45 27	43 30		58 35			70 36	62 35	63 42			62 45	58 47	55 40	55 36					
HILLINGTON	MAX MIN	40 30	37 29	45 30	46 25	43 25	44 22	42 30	49 20	45 30	45 28	40 25	42 19	46 28	46 28	46 29	52 25	62 21	66 28	65 38	59 39	66 40	62 33	60 22	55 36	60 50	55 39	47 23	59 39	60 34	48 23	51.5 29.7	
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD.	MAX MIN	40 32	37 31	48 33	47 33	46 25	43 26	42 32	46 24	45 34	44 30	41 26	41 20	43 29	46 29	43 29	52 26	59 27	63 33	64 41	62 40	65 44		56 33	55 40	59 49	57 43	47 34	50 31	65 40	60 35	42 23	50.3 32.4
BALTIMORE WB CITY	MAX MIN	38 32	35 30	50 34	51 34	42 29	46 32	42 32	49 31	41 34	43 31	34 20	42 20	47 29	48 32	46 30	56 29	65 37	65 41	67 49	56 40	68 47	60 42	59 41	55 45	64 49	50 41	51 37	58 35	69 42	44 34	46 30	51.2 35.2
BENSON POLICE BARRACKS	MAX MIN	41 30	37 28	48 29	48 29	45 23	44 22	42 30	46 20	45 32	43 26	40 23	40 16	44 26	47 25	44 25	51 23	62 21	68 28	67 37	65 32	63 38	59 32	59 27	56 34	60 47	56 41	47 31	53 25	62 40	61 32	42 20	51.1 28.8
BOYDS 2 NW	MAX MIN	39 30	34 27	45 28	45 26	43 26		41 30	46 28	46 33	38 22	39 16	45 15	45 26	42 23	53 28	63 33	66 37	68 40	63 36	61 40	57 33	59 29	55 27	55 38	50 39	46 31	46 29	52 31	57 32	42 22	45 23	49.4 29.3
CATOCTIN MOUNTAIN PARK	MAX MIN	36 26	33 23	42 18	42 14	43 22	34 25	40 20	40 20	34 20	24 13	24 13	39 13	38 19	38 24	46 19	56 24	61 30	62 39	63 37	53 34	54 37	52 34	52 32	46 32	46 32	51 35	52 41	56 31	54 25	36 25	44.8 25.9	
CLARKSVILLE 3 NNE	MAX MIN	39 31	32 27	45 27	45 23	43 20	45 20	43 31	47 19	46 29	40 28	37 24	39 18	45 24	42 27	42 27	52 27	63 19	67 24	67 31	66 26	62 39	58 32	59 18	55 37	58 48	51 40	46 33	54 20	64 38	42 25	50.0 28.0	
CONDWINGO DAM	MAX MIN	37 30	34 29	44 31	45 29	41 24	44 20	40 29	46 21	39 30	42 29	34 20	40 18	42 25	48 26	44 28	52 28	62 21	64 26	64 41	48 33	62 41	52 32	56 24	52 33	57 46	48 36	46 32	54 26	64 35	43 26	41 26	47.9 29.1
ELKTON	MAX MIN	40 31	36 29	48 31	46 29	41 22	45 20	42 30	48 20	43 32	46 29	39 25	42 19	45 27	49 28	46 27	52 21	62 21	62 32	66 35	60 35	65 40	55 30	58 24	50 30	60 48	54 41	49 34	53 35	65 38	53 32	42 29	50.6 29.7
EMMITSBURG 2 SE	MAX MIN	39 29	35 27	48 28	47 23	43 20	44 18	42 29	45 19	44 32	40 26	38 17		47 25	45 25	43 15	52 29	63 18	70 32	68 30	60 27	60 34	55 33	60 17	56 35	48 42	46 39	55 18	60 35	45 29	41 23	49.8 26.8	
FREDERICK WFMD	MAX MIN	44 30	36 29	47 31	47 26	45 24	44 24	43 31	46 25	44 32	40 28	39 23	48 18	45 26	44 26	43 29	53 26	63 23	68 32	69 37	69 33	60 40	58 38	59 23	58 37	55 49	50 39	46 32	55 25	59 38	47 24	50.5 30.0	
PARKTON 2 SW	MAX MIN	34 27	31 25	45 26	44 25	39 20	42 20	39 24	45 16	38 28	41 25	31 15	40 15	43 22	46 26	43 23	50 20	59 23	68 30	65 34	51 30	61 38	53 29	57 26	51 35	54 38	46 35	45 28	52 22	62 34	42 26	40 18	47.0 25.8
ROCKVILLE	MAX MIN	38 27	34 27	45 26	46 27	46 23	44 22	45 22	47 26	48 26	38 23	39 21	45 13	45 23	45 21	42 17	52 17	62 16	62 26	67 39	63 31	62 32	53 31	58 22	55 32	55 50	46 40	46 33	54 24	58 25	38 21	41 21	46.6 26.0
TOWSON	MAX MIN	39 30	33 28	47 30	47 24	46 28	45 28	40 30	46 24	45 32	42 30	39 24	48 18	45 26	43 29	51 26	61 30	66 36	65 39	63 34	64 39	62 37	55 32	59 32	59 48	56 40	47 31	54 29	64 41	52 34	25 25	50.4 31.2	
UNIONVILLE	MAX MIN	35 29	33 28	46 18	45 17	40 20	44 20	38 21	45 19	44 27	40 35	36 28	38 18	45 24	45 22	43 16	53 16	62 24	69 30	62 34	58 28	62 40	55 35	60 18	52 38	57 48	49 40	47 32	56 21	62 44	46 31	42 20	48.7 26.1
WESTMINSTER 2 SSE	MAX MIN	36 28	31 26	44 24	43 20	39 20	45 20	38 28	43 16	40 32	38 26	32 19	36 16	42 23	42 27	40 25	49 20	59 24	66 31	60 37	58 38	52 35	58 24	49 38	54 46	46 38	44 30	53 22	60 38	44 29	38 23	46.6 27.7	
WHEATON REGIONAL PARK	MAX MIN	44 31	36 28	46 28	48 27	46 23	51 22	44 31	49 26	49 29	38 20	35 18	38 19	45 26	46 27	46 26	52 18	62 21	64 28	67 37	65 30	65 39	64 32	59 21	59 39	57 49	47 41	56 23	66 41	57 33	41 23	51.6 28.7	
WOODSTOCK	MAX MIN	38 28	36 28	47 27	40 21	45 21	40 25	46 29	49 22	40 28	39 20	39 18	45 18	43 26	44 27	52 18	62 22	68 25	67 33	62 28			53 35	57 45	49 42							49.1	
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	MAX MIN	40 30	34 28	46 23	44 25	41 20	46 29	41 30	44 26	42 31	40 29	36 22	37 18	44 25	44 27	42 25	52 26	63 35	65 40	68 38	66 40	58 41	54 35	60 29	58 36	54 46	48 38	45 31	56 27	60 43	44 32	42 23	48.8 30.6
CHEWSVILLE BRIDGEPORT	MAX MIN	39 30	33 28	49 33	46 24	44 21	48 22	44 30	44 24	45 33	40 29	34 																					

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DAILY TEMPERATURES

MARYLAND AND DELAWARE
MARCH 1969

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	42	33	37	48	46	42	47	38	46	44	41	37	32	44	43	42	52	64	69	72	64	55	54	62	48	55	47	45	59	59	40	48.6
	MIN	33	28	27	17	21	19	31	21	32	30	22	19	26	28	27	15	19	23	27	28	37	38	16	40	45	40	32	20	36	32	25	27.5
PICARDY	MAX	38	37	48	45	42	46	42	46	42	39	31	34	43	40	39	50	62	67	71	69	59	54	61	55	56	45	41	57	59	40	41	48.4
	MIN	29	27	22	21	19	22	27	26	30	27	18	15	23	27	23	21	27	32	35	36	40	35	23	38	41	36	28	24	40	30	20	27.8
WESTERNPORT	MAX																																
	MIN																																
WESTERNPORT UPRC	MAX	42	40	49	46	43	47	47	44	46	40	35	34	42	40	39	48	61	66	71	73	68	53	62	57	50	44	40	52	55	44	40	49.0
	MIN	29	29	27	22	21	22	31	30	31	29	19	17	23	29	25	18	23	29	31	32	41	34	22	39	43	33	29	23	35	29	22	28.0
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX	30	30	38	35	35	40	34	37	33	27	20	25	34	30	30	42	51	56	60	62	56	45	53	49	49	34	31	48	48	30	31	39.5
	MIN	23	20	15	13	9	19	22	21	25	18	8	7	12	18	14	16	21	33	33	38	34	24	22	37	31	25	19	16	28	17	10	20.9
OAKLAND 1 SE	MAX	31	31	41	37	37	40	37	38	35	31	21	25	34	33	31	42	53	57	63	66	61	46	58	49	48	37	30	50	51	30	33	41.2
	MIN	25	24	15	9	12	14	23	23	29	20	10	9	5	22	17	7	12	20	23	24	36	25	12	34	32	26	21	7	30	23	13	19.4
SAVAGE RIVER DAM	MAX	37	31	35	46	39	39	43	33	40	38	32	19	28	32	35	34	45	57	63	65	69	47	48	58	45	48	40	35	52	50	33	42.5
	MIN	27	26	17	17	17	15	21	16	31	25	13	12	12	21	15	13	20	26	29	29	33	30	14	23	39	34	26	17	24	28	19	22.2
SINES DEEP CREEK 2	MAX	33	32	40	37	37	41	35	38	35	30	24	26	35	33	32	43	53	58	62	67	58	46	60	50	44	36	33	51	52	33	33	41.5
	MIN	27	25	10	10	9	13	24	25	29	22	11	10	3	21	18	5	14	22	25	25	37	28	15	35	33	27	22	8	29	22	15	20.0
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	41	40	45	46	44	42	42	47	45	45	41	43	45	49	46	53	60	65	63	62	66	63	59	50	62	56	48	54	65	63	43	51.4
	MIN	30	28	30	26	23	24	30	19	31	28	26	19	28	30	26	21	26	28	38	37	39	34	27	33	41	43	33	29	37	33	23	29.7
NEWARK UNIVERSITY FARM	MAX	40	36	46	46	45	44	41	44	44	42	41	40	42	46	44	50	60	69	64	63	63	58	58	63	58	55	48	54	64	59	41	50.6
	MIN	30	28	30	30	23	22	29	21	31	28	24	18	28	28	26	23	22	28	38	35	40	32	24	32	47	42	33	26	35	32	21	29.2
WILMGTON NCASTLE WB AP	MAX	40	34	45	45	38	43	39	44	40	44	33	41	44	49	45	51	60	65	63	48	64	53	56	53	60	50	47	53	64	46	41	48.3
	MIN	31	30	32	30	24	27	29	25	30	29	20	19	29	30	28	26	27	30	40	40	41	36	29	37	46	36	34	29	36	29	25	30.8
WILMGTON PORTER RESVR	MAX	40	34	45	43	36	43	38	43	38	41	32	40	40	45	43	48	59	66	62	50	62	51	56	52	57	47	45	52	63	43	38	46.8
	MIN	30	29	29	27	21	28	29	24	30	28	19	18	27	29	29	31	27	34	28	27	28	35	33	35	44	36	33	29	39	28	24	29.3
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	39	34	43	45	40	46	40	45	41	40	38	38	44	46	44	51	60	65	62	54	68	56	59	56	60	53	46	53	69	63	43	49.7
	MIN	28	29	30	25	21	22	30	19	28	21	25	19	23	28	31	25	25	33	43	37	42	34	23	35	50	37	32	25	37	33	22	29.4
DOVER	MAX	41	37	46	45	45	44	43	47	46	44	41	41	44	47	46	52	61	65	62	61	65	63	57	55	61	58	47	55	68	65	42	51.4
	MIN	29	29	29	29	24	25	29	22	33	27	25	18	27	29	28	26	27	32	41	39	39	38	30	36	46	42	34	29	39	35	25	31.0
GEORGETOWN 5 SW	MAX	42	38	32	42	43	38	45	40	45	36	42	34	38	43	45	44	50	61	66	60	59	67		59	55	63	52	45	54	69	45	48.4
	MIN	30	28	31	25	21	20	32	18	26	18	28	19	23	26	34	34	34	35	35	37	39	32	28		46	41	33	23	35	33	22	29.5
LEWES 1 SW	MAX	38	33	42	42	38	48	40	48	37	43	37	39	42	45	43	50	59	65	54	47	67	54	50	51	62	52	46	58	70	43	42	47.9
	MIN	32	31	30	28	25	20	31	21	29	24	25	18	26	28	29	25	27	39	42	38	46	35	37	39	48	37	32	26	39	33	26	31.2
MILFORD 2 WSW	MAX	39	36	45	45	42	46	41	48	45	43	40	40	44	46	44	50	61	66	62	60	67	65	56	53	62	53	47	55	70	65	42	50.9
	MIN	28	29	30	25	21	20	31	18	29	19	27	18	25	29	26	26	26	39	43	38	41	33	24	34	52	40	34	26	39	30	22	29.7
SELBYVILLE	MAX	37	36	42	44	42	48	45	47	45	41	39	38	43	45	44	51	61	66	57	52	68	60	54	61	63	54	50	53	70	63	42	50.4
	MIN	33	31	30	25	23	20	32	21	30	24	28	20	25	29	31	28	26	40	42	37	43	37	26	39	49	41	33	25	41	35	24	31.2

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	100-199	200 and over	Total		
							1 AM	7 AM	1 PM	7 PM									
BALTIMORE WB AIRPORT MD	29	6.2	11.2	35	NW	11	56	63	43	44	3	3	5	0	0	0	11	62	5.2
WILMINGTON NCASTLE WB AP DEL	28	6.4	13.1	30++	28	07	61	65	44	51	3	3	5	0	0	0	11	-	5.4

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
MARCH 1969

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																	
* * *																																	
SOUTHERN EASTERN SHORE	01																																
PDCOMOKE CITY 1 S		SNOWFALL	4.6					4.0		3.0																							
		SN ON GND	5	1				3	1	2																							
PRINCESS ANNE		SNOWFALL	4.0					1.5		3.5																							
		SN ON GND	4	1				1		3																							
SALISBURY FAA AIRPORT		SNOWFALL	T	5.0	T			4.0		1.0		T																					T
		SN ON GND	2	5	3	1	1	4	2	1	1	T	T																				
SNOW HILL 4 N		SNOWFALL	T	6.0				3.0		4.0																							
		SN ON GND	6	3	2	2	1	2	1	5	3	3	2	1	T	T																	
* * *																																	
CENTRAL EASTERN SHORE	02																																
CAMBRIDGE 4 W		SNOWFALL	T	4.5	1.0			5.0		2.0																							
		SN ON GND	T	4	T	T		1	T	2	T	T	T																				
DENTON 1 WNW		SNOWFALL		5.0				5.0		.5																							
		SN ON GND		5	1	T		3	1	1	T																						
PRESTON 1 S		SNOWFALL		5.0	2.0			5.0		2.0																							
		SN ON GND		5	2	T	T	4	1	3	1	T																					
ROYAL OAK		SNOWFALL	T	2.0	3.0			5.0		2.0																							
		SN ON GND		2	T	T	T	2	T	2	T	T																					
* * *																																	
LOWER SOUTHERN	03																																
LA PLATA 1 W		SNOWFALL	1.1	.9	T			2.8		3.0		.2																					
		SN ON GND	1	2	T			T	T	3	T	T																					
DWINGS FERRY LANDING		SNOWFALL		4.3	T			4.0		2.0																							
		SN ON GND		4	T			1		1	T																						
* * *																																	
UPPER SOUTHERN	04																																
ANNAPOLIS		SNOWFALL		6.0				2.5		.6																							T
		SN ON GND		6	3	2	T	3	T	T	T	T	T																				
BALTIMORE WB AIRPORT		SNOWFALL	1.7	3.7				2.4		T	T																						T
		SN ON GND		3	3	T		2																									
		WTR EQUIV		.3	.3			.4																									
COLLEGE PARK		SNOWFALL	.3	4.0	T			1.5		T																							T
		SN ON GND	T	4	T																												
FORT GEORGE G MEADE		SNOWFALL	.5	3.5	T			3.0		.1		T																					T
		SN ON GND	T	3	T	T		T																									
GLENN DALE BELL STA		SNOWFALL	T	3.5	T			2.0		1.0																							T
		SN ON GND	T	4	T			T		T																							
* * *																																	
NORTHERN EASTERN SHORE	05																																
CHESTERTOWN		SNOWFALL	1.5	5.5	T			4.0																									T
		SN ON GND	2	6	T	T	T	1	T	T	T	T	T																				
MILLINGTON		SNOWFALL		5.5	1.0			4.0																									T
		SN ON GND		6	2	T	T	4	T	T	T	T	T	T																			
* * *																																	
NORTHERN CENTRAL	06																																
BROOKDALE		SNOWFALL	3.0	5.0	T			1.5		1.0		T	T																				T
		SN ON GND	3	6	3	T	T	T		T																							
CONOWINGO DAM		SNOWFALL	.5	2.0				1.5																									
		SN ON GND	1	3	1	T	T	T	T																								
EMMITSBURG 2 SE		SNOWFALL	1.0	3.0				2.0				T																					
		SN ON GND	1	3	T	T	T	T																									
FREDERICK WFMD		SNOWFALL	1.5	2.0				2.0																									
		SN ON GND	2	4				1																									
PARKTON 2 SW		SNOWFALL	3.0	4.0				4.5																									T
		SN ON GND	3	7	2	T	T	2	T	T	T	T	T	T	T	T	T	T	T														
UNIONVILLE		SNOWFALL	T	3.0	T					T		T																					
		SN ON GND	T	3	T	T	T	T	T	T	T	T																					
WESTMINSTER 2 SSE		SNOWFALL		4.0	1.5			4.0																									
		SN ON GND	T	4	4	1	T	4	1	T	T	T																					
WOODSTOCK		SNOWFALL	T	6.0				2.0																									
		SN ON GND	T	6	2			T																									
* * *																																	
APPALACHIAN MOUNTAIN	07																																
CUMBERLAND		SNOWFALL		T				3.0		T	T	T																					T
		SN ON GND		T				3	1	T	T	T																					T
FROSTBURG		SNOWFALL	1.6	.8				5.3		.7	.2	1.5	.5																				T
		SN ON GND	2	1	T	T	T	3	T	T	T	2	T	T	T	T	T	T	T														T
HAGERSTOWN		SNOWFALL	1.0	1.0				2.0																									
		SN ON GND	1	T				T																									
HANCOCK FRUIT LAB		SNOWFALL		1.5				1.1																									T
		SN ON GND		1	T			1																									

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
MARCH 1969

Continued

Continued

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																		
* * *																																		
ALLEGHENY PLATEAU 08																																		
BITTINGER 2 NW	SNOWFALL SN ON GND	11	11	10	9	9	9	3.0 12	11	1.5 11	3.5 14	8.4 16	1.5 15		4 14	.8 14		12	9	7	5	T	T				T	1.8 2	4.5 3		T	.5 T	3.2 3	T
OAKLAND 1 SE	SNOWFALL SN ON GND	.5 T	T	T	T			4.8 2	1	1.0 1	1.0 2	7.0 5	T 4		2	1.5 1		T	T							.2 T	1.0 1	1.5 1		1.0 1	.6 1		T	
SAVAGE RIVER DAM	SNOWFALL SN ON GND							3.0 3		1.0 T		2.0 2		2	1	T	T												T T		T T			
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
MIDDLETOWN 1 HSW	SNOWFALL SN ON GND		3.0 3	4.5 2	1			3.0 2																										
NEWARK UNIVERSITY FARM	SNOWFALL SN ON GND		3.0 3	T	T	T	T	3.0 T																										
WILMGTN NCATTLE WB AP	SNOWFALL SN ON GND WTR EQUIV	.7 2 .2	4.0 2 .3	.5 4 T	T	T	T	2.6 2 .2		T	T	T																			T	T		
WILMGTN PORTER RESVR	SNOWFALL SN ON GND	.5 1	9.0 9	T 2				2.6 3																									T	
* * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	SNOWFALL SN ON GND	T T	7.0 7	1.0 6		5	4	2	7	4	1.0 4		T 3	2	2	1	T																T	
DOVER	SNOWFALL SN ON GND		8.5 8	3.8 12		5	2	1	8	6	3	T																					T	
GEORGETOWN 5 SW	SNOWFALL SN ON GND		3.5 4	2.0 6		4	2	1	10	7	6		T 4	T 3	T 2	2	1																	

See Reference Notes Following Station Index

STATION INDEX

MARYLAND AND DELAWARE
MARCH 1969

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (ALL NOTED)		
MARYLAND													
ABERDEEN PHILLIPS FLD	0015	06	HARTFORD	1	39 28	76 10	40	5P					ROSS AVIATION INC.
ANNAPOLIS	0193	04	ANNE ARUNDEL	1	39 09	76 30	40	6P	6P				ARTHUR H. MILLER
ASSATEAGUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	7	6P	6P				ASSATEAGUE STATE PARK
BALTIMORE WB AIRPORT	0465	04	ANNE ARUNDEL	3	39 11	76 40	148	MID	MID				U.S. WEATHER BUREAU
BALTIMORE WB CITY	0470	06	BALTO CITY	3	39 17	76 37	14	MID	MID				U.S. WEATHER BUREAU
BELTSVILLE	0700	04	PRIN. GEORGES	5	39 02	76 53	120	8A	8A				CHESTER H. GORDON
BELTSVILLE PLANT STA 5	0705	04	PRIN. GEORGES	5	39 01	76 57	100	9A	9A				USDA PLANT IND. STA.
BENSON POLICE BARRACKS	0732	06	HARTFORD	1	39 30	76 23	365	5P	5P				MD. STATE POLICE
BITTINGER 2 NW	0881	08	GARRETT	7	39 37	79 15	2700	7P	7P				ELBERT E. BUCKEL
BLACKWATER REFUGE	0915	02	DORCHESTER	1	38 26	76 08	5	5P	5P				NAT. WILDLIFE REFUGE
BOONSBORO	0986	07	WASHINGTON	5	39 31	77 39	735	6P	6P				J. HOWARD BECKENBAUGH
BOYDS 2 NW	1032	06	MONTGOMERY	5	39 13	77 20	580	6P	6P				HUNTER F. STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	330	8A					WASH. SUB. SANY. COMM.
BROOKDALE	1170	06	MONTGOMERY	5	38 57	77 06	260	7P					B. FRANCIS DASHIELL
CAMBRIDGE 4 N	1385	02	DORCHESTER	1	38 54	76 09	5	6P	6P				D. ARCY MC B. HARDING
CATOCTIN MOUNTAIN PARK	1530	08	FREDERICK	5	39 39	77 27	1750	4P					CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	03	QUEEN ANNES	1	39 03	76 03	46	6P	6P				MARION G. LEIBY
CHARLOTTE HALL SCHOOL	1686	03	ST. MARYS	4	38 29	76 47	146	4P	4P				CHARLOTTE HALL SCHOOL
CHESTERTOWN	1790	05	KENT	1	39 13	76 04	35	11P	11P				T. W. ELIASON, JR.
CHESSVILLE BRIDGEPORT	1790	07	WASHINGTON	5	39 38	77 41	560	5S	5S				D. PAUL OSWALD
CLARKSVILLE 3 NNE	1862	06	HOWARD	4	39 15	76 56	365	5P	5P				UNIVERSITY OF MARYLAND
COLEMAN 3 NW	1980	05	KENT	1	39 21	76 08	78	6P	6P				W. B. HARRIS
COLLEGE PARK	1995	04	PRIN. GEORGES	5	38 58	76 56	70	5P	5P				U.S. GEOL. SURVEY
CONOWINGO DAM	2040	06	HARTFORD	6	39 39	76 10	40	11P	11P				SUSQUEHANNA ELECTRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	5P	5P				SOMERS COVE MARINA
CUMBERLAND	2280	07	ALLEGANY	5	39 39	78 45	900	6P	7A				KEITH E. THOMAS
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	5	39 38	78 50	970	5P	5P				MD. STATE POLICE
DENTON 1 NW	2523	02	CALVERT	1	38 54	75 51	40	6P	6P				WAYNE A. CAMLEY
EASTERN NECK ISLAND	2691	09	KENT	1	39 01	76 16	20	5P	5P				EASTERN NECK WILDF. REF
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	5P	5P				MARYLAND STATE POLICE
EDGEHOMT	2770	07	WASHINGTON	5	39 40	77 33	905	8A					LEE G. HARNE
ELKTON	2860	06	CECIL	1	39 36	75 50	28	6P	6P				M. W. BOUCHELLE
EMMITSBURG 2 SE	2906	06	FREDERICK	5	39 42	77 18	416	5P	5P				MRS. LUCILLE K. BEALE
FORT GEORGE G. HEADE	3230	04	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P				FILTRATION PLANT
FREDERICK WFMD	3350	04	FREDERICK	5	39 25	77 28	435	6P	6P				RADIO STATION WFMD
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385	8A					MISS I. MARY STALEY
FROSTBURG	3410	07	ALLEGANY	5	39 39	78 56	2040	5P	5P				DAVID M. SHIVER
GLENN DALE BELL STA	3675	04	PRIN. GEORGES	4	38 58	76 48	150	4P	4P				PLANT INTRO. GARDEN
GRANTSVILLE	3795	08	GARRETT	7	39 42	79 09	2380						MRS. FANNIE B. MILLER
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	460	6P	6P				HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	8A	8A				U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	03	CHARLES	5	38 32	77 00	140	5P	7A				C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRIN. GEORGES	4	39 06	76 54	400	5P	7A				WASH. SUB. SANY. COMM.
LEONARDTOWN 3 NW	5201	03	ST. MARYS	5	38 19	76 40	40	5P	5P				RADIO STATION WJCR
LOCH RAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190	5P					CITY OF BALTIMORE
MERRILL	5894	08	GARRETT	5	39 36	79 05	1790	8A					DELWOOD E. MERRILL
MILLINGTON	5985	03	KENT	1	39 16	75 51	39	6P					LOUIS H. HOLLETT
NEW GERMANY	6408	08	GARRETT	7	39 38	79 07	2590						ARCHIE BITTINGER
OAKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	5P	5P				LOGAN WEBER
OWINGS FERRY LANDING	6770	03	CALVERT	4	38 41	76 40	160	5P	5P				JAMES E. BOURNE, JR.
MARYLAND													
PARKTON 2 SW	6844	06	BALTIMORE	1	39 38	76 42	600	11P	11P				JOHN R. FOX
PERRY POINT	6980	06	CECIL	1	38 33	76 04	40						VETERANS ADMINISTRATION
PICARDY	7010	07	ALLEGANY	5	39 33	78 30	1030	6P	6P				POTOMAC HLND. ORCHARD
POTOMAC CITY 1 S	7140	01	WORCESTER	1	38 03	75 34	20	5P	5P				RADIO STATION WMV
POTOMAC FILTER PLANT	7172	06	MONTGOMERY	5	39 02	77 15	270	8A					WASH. SANITARY COMM.
PRESTON 1 S	7310	02	CAROLINE	1	38 42	75 55	50	6P	6P				FRANKLIN D. NUSBAUM
PRINCE FREDERICK	7325	03	CALVERT	1	38 32	76 35	140	5P	5P				BOYD KING
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 44	20	5P	5P				MARYLAND ST. COLLEGE FRM
ROCKVILLE	7705	06	MONTGOMERY	5	39 05	77 08	380	4P	4P				DEPT. OF PUBLIC WORKS
ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	5P	5P				J. L. SWATNE, JR.
SALISBURY	8000	01	WICOMICO	2	38 22	75 35	10	5P	5P				CITY OF SALISBURY
SALISBURY FAA AIRPORT	8005	01	WICOMICO	1	38 20	75 30	48	MID	MID				FED. AVIATION AGENCY
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A				U. S. CORPS OF ENGINEER
SCHMIDT CREEK	8140	03	ALLEGANY	5	39 29	79 03	950	6P	6P				PA. ELECTRIC CO.
SINES DEEP CREEK 2	8320	08	GARRETT	7	39 32	79 25	2040	7P	7A				MRS. THELMA REAP
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	6P	6P				CURTIS E. SHOCKLEY
SOLONOM	8405	03	CALVERT	1	38 19	76 27	12	6P	6P				CHESAPEAKE BIOL. LAB.
SUITLAND	8654	04	PRIN. GEORGES	5	39 51	76 56	280	9A	9A				EUGENE H. BROWN
TOWSON	8877	06	BALTIMORE	5	39 23	76 34	390	6P	6P				BENDIX FRIE
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	6P	6P				G. P. VON EIFF, JR.
UPPER MARLBORO 3 NW	9070	04	PRIN. GEORGES	4	38 52	76 47	98	8A	8A				TOBACCO EXP. FARM
VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P	6P				DELMERVE POWER + LIGHT
WALDORF POLICE BRKS	9195	03	CHARLES	4	38 39	76 53	210	5P	5P				MD. STATE POLICE
WESTPORT	9405	07	ALLEGANY	5	39 29	79 03	1000	6P	6P				NORRIS BRUCE
WESTPORT UPRC	9409	07	ALLEGANY	5	39 29	79 03	950	6P	6P				UPPER POTOMAC RIVER COM
WESTMINSTER 2 S&E	9435	06	CARROLL	1	39 33	76 59	810	6P	7A				L. EUGENE PURDON
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P	5P				PARK + PLANNING COMM.
WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360	7A	7A				HAGERSTOWN WTR. PLANT
WOODSTOCK	9750	06	BALTIMORE	5	39 20	76 52	415	6P	6P				WOODSTOCK COLLEGE
DISTRICT OF COLUMBIA													
DALECARLIA RESVR D C	2325	04		5	38 56	77 07	146	5P	5P				CORPS OF ENGINEERS
NATIONAL ARBORETUM D C	6350	04		5	38 54	76 58	50	4P	4P				U.S. NAT. ARBORETUM
U. S. SOLDIERS HOME DC	9035	04		5	38 56	77 01	230	MID	MID				U.S. SOLDIERS HOME
DELAWARE													
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P				WILLIAM RAY
DOVER	2730	02	KENT	2	39 09	75 31	25	4P	4P				STATE HIGHWAY DEPT.
GEORGETOWN 5 SW	3570	02	SUSSEX	1	38 57	75 27	45	8A	8A				UNIV. AGRI. EXP. STA.
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID				FREDERICK D. VOGL
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P				PIONEER HS-BRED CORN CO
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	5P	5P				MRS. BERNARD FRANKEL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	6P	6P				UNIV. OF DELAWARE
SELBYVILLE	6249	02	SUSSEX	2	38 28	75 13	32	5P	5P				L. WARRIE LONG
WILMINGTON CASTLE WB AP	5955	01	NEW CASTLE	2	39 40	75 36	74	MID	MID				U.S. WEATHER BUREAU
WILMINGTON PORTER RESVR	9605	01	NEW CASTLE	2	39 48	75 32	274	MID	MID				WATER DEPARTMENT

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

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.