



CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

MAURICE H. STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

MARYLAND AND DELAWARE

JANUARY 1969

Volume 73 No. 1

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	100 or More
										90° or more	80° or more	70° or more	60° or more										
MARYLAND																							
* * * SOUTHERN EASTERN SHORE 01																							
ASSATEAGUE STATE PARK	42.9	26.9	34.9		57	31	11	2	927	0	2	22	0	3.57		1.23	23	T	0		5	3	2
CRISFIELD SOMERS COVE	41.0	28.7	34.9	- 4.4	53	19	16	6	926	0	2	21	0	1.86	- 1.70	.56	21	.0	0		5	2	0
POCOMOKE CITY 1 S	41.5	23.9	32.7		61	31	12	11+	993	0	0	27	0			.88	21	.0	0				
PRINCESS ANNE	42.8	25.6	34.2		58	31	7	6	946	0	3	23	0	1.92		.74	21				4	2	0
SALISBURY	43.1M	27.7M	35.4M		57	9	14	6	925	0	2	22	0	3.15	- .51	.83	21	.0	0		5	4	0
SALISBURY FAA AIRPORT	41.3	24.8	33.1		59	30	7	6	983	0	6	24	0	2.33		.69	22	T	T	7	5	2	0
SNOW HILL 4 N	42.4	25.5	34.0	- 4.1	60	31	8	6	956	0	4	22	0	3.73	- .21	1.20	21	T	0		5	4	2
DIVISION																							
34.2 - 4.1 2.76 - .87 T																							
* * * CENTRAL EASTERN SHORE 02																							
BLACKWATER REFUGE	42.1	26.1	34.1		59	9	12	6	950	0	2	23	0	2.42		.65	21	.5	0		6	3	0
CAMBRIDGE 4 W	40.2	24.9	32.6		59	31	9	6	998	0	5	23	0	2.09		.56	23	1.0	1	7	5	2	0
DENTON 1 WNW	40.1	23.5	31.8		57	31	11	6+	1023	0	4	23	0	1.85		.57	21	1.0	1	8+	6	1	0
EASTON POLICE BARRACKS	41.4	26.3	33.9	- 2.7	56	31	13	6	961	0	2	22	0	1.59	- 1.88	.55	21	T	T	7	4	1	0
PRESTON 1 S	40.5	25.2	32.9		57	31	10	6	988	0	4	23	0	1.98		.72	21	1.0	T	7	4	1	0
ROYAL OAK	40.6	25.8	33.2		55	31+	13	28+	979	0	4	23	0	1.86		.52	21	.8	T	8+	6	1	0
VIENNA	41.8	26.5	34.2		55	31	11	6	947	0	3	22	0	3.34		1.02	21	T	T	7	6	4	1
DIVISION																							
33.2 - 3.7 2.16 - 1.38 .6																							
* * * LOWER SOUTHERN 03																							
CHARLOTTE HALL SCHOOL	42.4	23.7	33.1		64	9	7	5+	984	0	2	24	0	2.12		.94	21	.5	T	8+	5	2	0
LA PLATA 1 W	41.8M	24.6M	33.2M		65	9	8	6+	979	0	1			1.62		.82	21	.0	0		3	2	0
LEONARDTOWN 3 NW	41.1	24.6	32.9	- 4.1	60	31	10	5	988	0	4	24	0	1.92	- 1.56	1.05	21	T	T	7	5	1	1
OWINGS FERRY LANDING																							
PRINCE FREDERICK																							
SOLDMONS	40.3	27.6	34.0	- 4.5	60	9	15	5	953	0	4	22	0	2.04	- 1.51	.82	21	T	0		3	3	0
WALDORF POLICE BRKS	43.3	23.8	33.6		59	31	7	2	968	0	1	22	0	2.24		.71	21	T	T	7	7	1	0
DIVISION																							
33.4 - 3.9 1.99 - 1.58 .1																							
* * * UPPER SOUTHERN 04																							
ANNAPOLIS	39.5	25.1	32.3	- 3.8	58	31	12	12	1005	0	5	22	0	1.47	- 1.67	.52	21	T	T	8+	3	1	0
BALTIMORE WB AIRPORT R	39.0	24.3	31.7	- 3.1	56	9	10	5	1028	0	7	23	0	1.38	- 2.05	.68	21	.1	T	7	3	1	0
BELTSVILLE	38.5	20.8	29.7		56	31+	5	6	1088	0	8	26	0	1.66		.58	21	.0	0		5	2	0
BELTSVILLE PLANT STA 5	38.5	23.1	30.8		56	10	8	5	1050	0	8	25	0	1.71		.60	21	.3	T	7	4	1	0
COLLEGE PARK	41.6	25.0	33.3	- 2.7	58	9	10	8+	973	0	4	22	0	1.61	- 1.64	.76	21	T	0		4	1	0
DALECARLIA RESVR D C	41.6	24.5	33.1		57	9	8	5	980	0	3	23	0	2.55		1.07	21	.0	0		6	1	1
FORT GEORGE G MEADE	41.1	22.2	31.7		57	31+	4	5	1027	0	3	24	0	1.65		.71	21	T	0		4	1	0
GLENN DALE BELL STA	41.6	24.1	32.9	- 2.2	59	31	4	5	991	0	1	24	0	1.61	- 1.82	.69	21	T	0		4	1	0
LAUREL 3 W	39.5	24.7	32.1		55	31+	10	5	1011	0	7	24	0	1.61		.45	19	.0	0		5	0	0
NATIONAL ARBORETUM D C	42.1	26.4	34.3		58	31	13	5	944	0	2	23	0	1.89		.96	21	T	0		4	1	0
SUITLAND	38.0	23.7	30.9		57	31	12	6+	1051	0	9	25	0	1.64		.70	21	.0	0		4	2	0
U. S. SOLDIERS HOME DC	41.5	24.6	33.1		59	31	12	5	985	0	5	25	0	2.11		.84	21	T	0		5	1	0
UPPER MARLBOR 3 NNW	38.9	23.9	31.4		59	31	8	6	1033	0	7	23	0	2.10		1.00	21	.5	T	29+	6	1	1
DIVISION																							
32.1 - 3.5 1.77 - 1.55 .1																							
* * * NORTHERN EASTERN SHORE 05																							
CENTREVILLE	40.7	25.4	33.1		56	31	10	6	979	0	5	21	0	2.39		.60	18	1.0	1	7	7	1	0
CHESTERTOWN	39.5	24.6	32.1		55	9	12	5	1013	0	5	23	0	1.63		.38	18	1.3	1	7+	5	0	0
COLEMAN 3 WNW	38.9	24.4	31.7	- 3.6	52	31+	13	28+	1027	0	5	24	0	1.72	- 1.89	.39	21	1.7	1	7	8	0	0
EASTERN NECK ISLAND	40.1M	26.9M	33.5M		52	31								1.70				1.0	0				
MILLINGTON	39.6	23.6	31.6	- 3.8	55	31	8	6	1029	0	5	24	0	1.75	- 1.90	.33	21	2.0	2	7	7	0	0
DIVISION																							
32.4 - 3.1 1.84 - 1.76 1.4																							
* * * NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FLD R	38.6	25.1	31.9		52	9	12	2	1018	0	7	23	0	2.17		.87	18	T	0		6	2	0
BALTIMORE WB CITY	41.0	28.6	34.8	- 2.5	60	9	14	5	926	0	4	19	0	1.06	- 2.37	.43	21	.0			2	0	0
BENSON POLICE BARRACKS	38.7	22.6	30.7		55	9	9	6	1055	0	6	26	0	1.48		.48	21	1.0	1	7	6	0	0
BOYDS 2 NW	38.2	22.1	30.2		55	9	9	5	1071	0	10	26	0	1.90		.56	18	T	T	29+	7	1	0
CATOCTIN MOUNTAIN PARK	33.9	17.5	25.7		53	31	4	5+	1211	0	15	28	0	1.71		.65	30	1.5	2	7	4	1	0
CLARKSVILLE 3 NNE	38.8	21.4	30.1		55	31+	5	12	1074	0	8	26	0	1.38		.44	21	.1	0		5	0	0
CONDWINGO DAM	36.5	22.0	29.3		49	31+	9	6	1100	0	8	27	0	1.59		.35	21	1.0	1	8+	5	0	0
ELKTON	37.9M	22.4M	30.2M	- 3.6			9	6	1074	0	7					.38	19		2	7			
EMMITTSBURG 2 SE	38.0	20.1M	29.1M		52	31	0	5	1107	0	6	27	1	1.25		.53	21	1.5	T	7+	4	1	0
FREDERICK WFO	37.0	23.3	30.2	- 2.7	52	9	8	5	1076	0	10	26	0	1.43	- 1.55	.44	18	T	0		5	0	0
PARKTON 2 SW	35.7	19.1	27.4		52	9	6	5	1156	0	15	29	0	1.37		.47	21	.2	T	8+	3	0	0
ROCKVILLE	M	M	M											1.19		.31	18	T	T	29	3	0	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 4

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JANUARY 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	100 or More
										30° or Above	32° or Above	34° or Above	0° or Below										
TOWSON	39.2	24.0	31.6		54	9	10	5	1027	0	7	25	0	1.26	- 2.27	.52	21	.5	1	7	2	1	0
UNIONVILLE	36.9	20.4	28.7		52	9	4	5	1118	0	11	26	0	1.14		.41	21	.4	T	7	4	0	0
WESTMINSTER 2 SSE	36.5	20.9	28.7	- 4.4	52	31	7	5	1116	0	13	25	0	1.35	- 2.01	.37	19	.3	T	30+	6	0	0
WHEATON REGIONAL PARK	39.0	23.3	31.2		54	31	8	5	1041	0	9	26	0	1.62		.54	21	T	T	7	5	1	0
WOODSTOCK	38.7M	22.3M	30.5M	- 3.3	54	30+	7	6	1064	0	8	26	0	2.43	- .79	.60	9	T	0		9	3	0
DIVISION			30.0	- 3.7										1.52	- 1.78			.4					
* * *																							
APPALACHIAN MOUNTAIN 07																							
BOONSBORO	36.8	22.0	29.4		50	31+	6	5	1094	0	12	26	0	1.70		.66	21	.7	T	21+	5	1	0
CHEWSVILLE BRIDGEPORT	38.1	21.1	29.6	- 2.8	50	19+	6	5	1089	0	8	25	0	1.35	- 1.15	.52	21	.5	T	7	4	1	0
CUMBERLAND	37.0	19.9	28.5		53	31+	6	4	1125	0	10	27	0	1.03		.28	21	4.0	3	21	3	0	0
CUMBERLAND POLICE BRKS	36.3	21.0	28.7		53	31	5	5	1122	0	8	27	0	1.44		.52	29	4.0	3	21	3	1	0
FROSTBURG	33.7	17.2	25.5	- 5.3	58	30	1	4+	1218	0	16	28	0	1.53	- 1.63	.39	29	7.6	3	21+	4	0	0
HAGERSTOWN	37.1	21.2	29.2		50	9	6	1	1104	0	9	25	0	1.50		.51	21	T	T	7	5	1	0
HANCOCK FRUIT LAB	35.1	20.3	27.7		53	31	2	5	1147	0	13	27	0	1.04	- 1.69	.25	29	2.2	1	21+	5	0	0
PICARDY	36.3	19.7	28.0		51	31	3	5	1140	0	9	28	0	1.38		.56	21	5.0	2	21+	5	1	0
WESTERNPORT																							
WESTERNPORT UPRC	36.6	21.1	28.9		58	31	7	1	1111	0	11	25	0	.81		.36	29	2.1	1	7	2	0	0
DIVISION			28.4	- 4.4										1.31	- 1.49			2.9					
* * *																							
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	M	M	M		56	30				0				2.52									
DAKLAND 1 SE	34.4	16.2	25.3	- 3.9	58	30+	- 4	5	1223	0	16	28	3	2.25	- 2.13	.70	29	6.0	4	8	7	1	0
SAVAGE RIVER DAM	29.9	15.4	22.7		55	31	4	5	1306	0	19	29	0	1.62		.52	29						
SINES DEEP CREEK 2	M	M	M		60	30	- 8	5		0				2.83	- 1.51			9.0	10	8			0
DIVISION			24.0	- 4.3										2.31	- 1.74			7.5					
DELAWARE																							
* * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	39.5	23.7M	31.6M		50	31	11	6+	1024	0	5	25	0	1.50		.32	21	3.0	3	7	8	0	0
NEWARK UNIVERSITY FARM	38.5	23.1	30.8		49	31	9	6	1055	0	6	25	0	1.76		.38	21	3.5	2	7	9	0	0
WILMGTN NCASTLE WB AP	37.8	23.8	30.8	- 2.6	48	31+	12	6+	1052	0	9	23	0	1.68	- 1.72	.50	21	2.9	3	7	5	1	0
WILMGTN PORTER RESVR	36.7	23.1	29.9		50	31	11	28+	1079	0	11	26	0	2.06	- 1.41	.50	21	3.5	3	7+	6	1	0
DIVISION			30.8	- 3.1										1.75	- 1.73			3.2					
* * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	40.6	24.1	32.4	- 4.1	57	31	9	6	1002	0	5	23	0	2.86	- .68	.90	21	1.5	1	7	6	1	0
DOVER	41.0	24.7	32.9	- 3.5	56	31	12	6	988	0	5	23	0	1.93	- 1.77	.66	21	1.0	1	7	8	1	0
GEORGETOWN 5 SW	40.0	22.7	31.4		59	31	6	6	1036	0	8	23	0	2.64		.81	21	.0	0		7	2	0
LEWES 1 SW	40.5	25.1	32.8		58	31+	11	6	991	0	6	24	0	2.54		.66	21	1.0	T	8+	6	2	0
MILFORD 2 WSW	40.9	24.3	32.6		56	31	6	6	996	0	5	23	0	2.85		1.26	21	2.0	1	7	6	1	1
SELBYVILLE	42.5	25.6	34.1		60	31	8	6	952	0	2	23	0	3.95		1.14	21	T	0		6	4	2
DIVISION			32.7	- 4.1										2.80	- .96			.9					

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 65° ON THE 9TH AT LEONARDTOWN 3 NW, MD.

LOWEST TEMPERATURE: -8° ON THE 5TH AT SINES DEEP CREEK 2, MD.

GREATEST TOTAL PRECIPITATION: 3.95 INCHES AT SELBYVILLE, DEL.

LEAST TOTAL PRECIPITATION: .81 INCH AT WESTERNPORT UPRC, MD.

GREATEST ONE-DAY PRECIPITATION: 1.26 INCHES ON THE 21ST AT MILFORD 2 WSW, DEL.

GREATEST REPORTED TOTAL SNOWFALL: 15.0 INCHES AT MERRILL, MD.

GREATEST REPORTED DEPTH OF SNOW ON GROUND: 15 INCHES ON THE 13TH AT BITTINGER 2 NW, MD.

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JANUARY 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	
MARYLAND																																	
* * * SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE STATE PARK	3.57	.59					T	T											T	.40	1.09	.25	1.23							.01	T		
CRISFIELD SOMERS COVE	1.86	.35																	.55	.03	.56	.15	.20	.02									
POCOMOKE CITY 1 S										T									.02	.55	T	.74	.24	.24	.04								
PRINCESS ANNE	1.92	.07								T									.01	.63	.83	.35	.08	T						.05	.02	T	
SALISBURY	3.15	.60																															
SALISBURY FAA AIRPORT	2.39	.02					T	T			.02								.06	.44	.24	.37	.69	.27	T	T			.02	T	T		
SNOW HILL 4 N	3.79	.35									T								.01	.50	.02	1.20	.36	1.03	.04					.02	T		
* * * CENTRAL EASTERN SHORE 02																																	
BLACKWATER REFUGE	2.42							T		.07									.12	.59		.65	.20	.60		.02			.12	.05			
CAMBRIDGE 4 W	2.09	.08						.07		.03									.09	.45	T	.50	.13	.56	.06				.10	.02			
DENTON 1 NNW	1.85	.08						.08											.11	.41	.57	T	.35	.10					.15	T	T		
EASTON POLICE BARRACKS	1.59							.02											.07	.36	.55	.05	.36	.03					.12	.03	T		
PRESTON 1 S	1.98							.06		.01									.12	.46	.72	.04	.39	.03					.09	.04	.02		
ROYAL OAK	1.86	.23						.05		.02									.12	.39		.52	.06	.26	.04				.14	.02	.01		
VIENNA	3.24							T		.50									.03	.70	.05	1.02	.14	.53	.08				.20	.08	.01		
* * * LOWER SOUTHERN 03																																	
CHARLOTTE HALL SCHOOL	2.12							.05		.02									.22	.50	.02	.94	.02	.12	.02	T				.18	.03		
LA PLATA 1 W	1.62																		.58	.02	.82		.20										
LEONARDTOWN 3 NNW	1.92							T		T									.21	.35		1.05	.01	.11	.04					.13	.02	T	
OWINGS FERRY LANDING																																	
PRINCE FREDERICK																																	
SOLONONS	2.04							T												.54		.82	T	.61	.03				.04	T			
WALDORF POLICE BRKS	2.24			.08				.08		.06									.25	.43		.71	.05	.10	.10				.15	.18	.05		
* * * UPPER SOUTHERN 04																																	
ANNAPOLIS	1.47	.08						T	T	T									.31	.26	T	.52	T	.09	.06				.08	T	.07		
BALTIMORE WB AIRPORT	1.38							T	T	.02								T	T	.31	.07	.11	.68	T	.04	.01			.08	.06			
BELTSVILLE	1.66	.03						.10											.02	.50	.03	.58	.17		.07				.13	.03			
BELTSVILLE PLANT STA 5	1.71	.08						.03		.05									.09	.46	.01	.60	.13		.06				.13	.03	.04		
COLLEGE PARK	1.61							.01		T									.29	.31		.79	.01	.03	.03				.12	T	.05		
DALECARLIA RESVR D C	2.55			.04						.09									.23	.36	.20	1.07	.12	.09	.07				.20	.03	.05		
FORT GEORGE G MEADE	1.65	.06					T	T										T	.31	.17	.71	.05	.06	.04					.15	.04	.06		
GLENN DALE BELL STA	1.61	.03						T		.01									.22	.37		.69	.02	.07	.03	T			.12	.03	.02		
LAUREL 3 W	1.61	.10								.01									.02	.45	.35		.35	.05					.06	.17	.05		
NATIONAL ARBRETUM D C	1.89							T		T									.28	.33		.96	.04	.03	.02				.18	.03	.02		
SUITLAND	1.64							T	T	.02									T	T	.84	.70	.12	.02	.05				.13	.05	.01		
U. S. SOLDIERS HOME DC	2.12						T	T	T	.02									.41	.22	.32	.84	.02	.03					.20	.05			
UPPER MARLBORO 3 NNW	2.10	.15						.01		.03									T	.40		1.00	.22	T	.10	T			.10	.09	T		
* * * NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	2.39							.03											.60	.28	.38	.47	T	.10	.28				.20	.05			
CHESTERDOWN	1.63						.07	.05		.03									.38	.09	.05	.24	.04	.32	.06				T	.15	.13	.02	
COLEMAN 3 NNW	1.72							.17											.24	.14		.39	.02	.27	.18				.12	.14	.05		
EASTERN NECK ISLAND	1.70							.10		T									.51	.48	T		.35	.05					.16	.05			
HILLINGTON	1.75	.26						.06		.02									.25	.20		.33	.04	.27	.12				.12	.06			
* * * NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	2.17							T		T									.87	.01		.70		.17	.14	T			.10	.12	.06		
BALTIMORE WB CITY	1.06																		.37	.03	.08	.43		.02	.01				.07	.05			
BENSON POLICE BARRACKS	1.48							.05		T									.37	.10	.48		.06	.02	.10				.10	.16	.04		
BOYDS 2 NNW	1.90							T											.36	.12	.11	.43		.11	.05	.01			.18	.33			
BRIGHTON DAM	1.17	.08						T											.44			.27	.20	.11	.04	.01			.10	.04			
BROOKDALE	1.93			T				T		.02		.03							T	.02	.53	.01	1.09	.01	.09				.11	.02			
CATOCTIN MOUNTAIN PARK	1.71							.20											.34	.03	.35			.08	.03				.03	.65			
CLARKSVILLE 3 NNE	1.38							T		T									.32	.13		.44	.03	T	.11				.27	.08			
CONDWINGO DAM	1.59						.02	.03		.03	T								.27	.09	T	.35	T	.16	.07	T			.23	.30	.02		
ELKTON								.15		T									.03	.38		.24	.11	.04	.16								
EMMITSBURG 2 SE	1.25						T	.03											.15	T		.53		.05	.08				.20	.21	T		
FREDERICK WFO	1.43									T									.44	.02	T		T	.17					.27	.24	.05		
FREDERICK 3 E	1.24							.05											.38		.22	.13		.11					.08	.27			
LOCH RAVEN DAM	1.62	.10						.02			T								.52	.10	.36	.12	.09	T					.02	.24	.05		
PARKTON 2 SW	1.37						.02												.30	.07		.47	T	.09	.08				T	.09	.23	.02	
POTOMAC FILTER PLANT	1.42	.05								T									.07	.48	.02	.33	.30		.05				.24	.06	.05		
ROCKVILLE	1.19	.04						T		T									.31	.29		.06		.09	.03				.24	.06	.05		
OWSON	1.26							T	T	T									.41	.07	.32	.03	.01	.08		.02			.03	.09	T		
UNIONVILLE	1.14							T		.01									.33	.03		.41		.02	.04	T			.15	.13	.02		
WESTMINSTER 2 SSE	1.35	.07						.01		T									.10	.37		.12	.29	.06	.06	.02			.03	.12	.16		
WHEATON REGIONAL PARK	1.62	.05						T		T									.33	.24		.34	.18	.01	.04				.15	.06	.02		
WOODSTOCK	2.43							T		.60									.50	.10	.50	.20	.10	.20					.12	.11			
* * * APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	1.70	.01					T	T		T									.24	.02		.66	.05	.06	.16	.02			.23	.24	.01		
CHEMERSVILLE BRIDGEPORT	1.35							.04											.21			.52		.04	.05				.18	.31			
CUMBERLAND	1.03	.02						.08	T	.02	T				T				.05	.05		.28	.82	T	.02	.02			.28	.20	.03		
CUMBERLAND POLICE BRKS	1.44						.04			.14								.02	.08	.02	.02	.36	.04	.08					.52	.09			
EDGEWONT	1.30							.05											.08	.12		.13	.20	.12					.08	.40	.12		

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
JANUARY 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 WSW	1.50	.29						.10											.17	.10		.32	T	.26							.14	.10	.02
NEWMARK UNIVERSITY FARM	1.70	.13						.15		.01									.30	.11		.38		.15	.13	T	T				.13	.24	.03
WILMGTN NCATTLE WB AP	1.68						.05	.07		.05									.23	.05	T	.50	.01	.25	.06		T		T		.21	.20	
WILMGTN PORTER RESVR	2.06						.32	.10		T									.36	T		.50		.29	.06	T				T	.36	.07	
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	2.86	.44						.08		.03									.08	.42		.90	.06	.43	.24						.14	.04	
DOVER	1.93	.20						.10		.02									.11	.16		.06	T	.33	.10						.17	.08	T
GEORGETOWN 5 SW	2.64	.71																	.21	.12	.01	.19	.36	.13						.04	.07		
LEWES 1 SW	2.54	.02					.02	.05		.01									.03	.35	.25	.06	.42	.58	.13						.14	.01	
MILFORD 2 WSW	2.85	.43						.06		.01									.05	.36		1.26	.07	.28	.10						.17	.05	.01
SELBYVILLE	3.95	.62						T		T									T	.35		1.14	.50	1.10	.15						.05	.04	

SPECIAL WEATHER SUMMARY

January 1969 temperatures averaged below normal for the second straight year. Although the monthly temperatures averaged as much as 3° to 5° below normal, this January was still not as cold as that of last year when temperatures averaged 5° to 8° below normal. Almost every day from the 1st through the 16th averaged below normal; this was also very similar to that of last year with the exception that the daily departures were not as great.

For the second year, ice was a problem on the upper Chesapeake Bay and its tributaries; however, it was not as severe as in 1968. Severe ice conditions extended from the 10th through the 16th. Thickness on the 12th and the 13th, the period of greatest severity, reached 8 to 10 inches; a maximum of 14 inches was reported in a small area off Tolchester Beach.

January 1 through 17 was a very dry period; except in the west, many stations reported less than 1/10 inch. During the remainder of the month, there were as many as 12 days with precipitation; however, most of these days had either light rain or drizzle. As a result, monthly totals were below normal to much below normal except in the southeast corner of Maryland and Delaware where the totals were near normal. Snowfall was much below normal over the entire two-state area.

During the month there were 2 days with widespread glaze on highways, streets, and sidewalks; only the southern areas of both states escaped. At least 700 persons were treated in Maryland hospitals for injuries received from falls and there were scores of mostly minor traffic accidents.

W. J. Moyer
ESSA-Weather Bureau State Climatologist
Room 34, Symons Hall
University of Maryland
College Park, Maryland 20740

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JANUARY 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	MAX																															
ASSATEAGUE STATE PARK	MIN	50	33	39	38	29	45	40	36	53	49	47	32	36	37	42	38	42	53	53	49	43	40	42	46	42	48	40	35	42	54	57	42.9
		18	11	19	21	15	24	29	24	28	25	22	16	20	23	23	20	25	31	41	35	39	37	38	39	37	28	17	19	30	36	45	26.9
CRISFIELD SOMERS COVE	MAX	44	33	36	38	27	37	37	35	50	46	36	33	33	37	38	38	45	51	53	45	49	43	45	45	47	41	32	37	38	49	52	41.0
	MIN	25	18	25	23	17	16	31	26	29	28	25	22	24	22	28	22	26	33	40	34	42	38	38	39	39	29	22	19	31	35	43	28.7
POCOMOKE CITY 1 S	MAX	43	39	40	39	38	40	37	36	41	40	36	35	43	38	36	40	50	42	40	40	42	44	44	48	42	38	39	36	47	53	61	41.5
	MIN	27	24	27	18	12	20	22	14	29	19	12	14	27	23	26	14	29	33	32	26	24	33	37	36	29	20	18	14	24	26	32	23.9
PRINCESS ANNE	MAX	46	36	32	39	29	44	37	33	56	49	33	32	35	39	40	42	51	56	54	45	46	43	46	46	49	42	34	39	41	56	58	42.8
	MIN	21	17	12	20	13	7	30	23	27	25	20	14	20	24	23	14	23	27	42	32	41	37	41	41	39	25	12	15	30	36	42	25.6
SALISBURY	MAX	46	33	40	38	29	45	39	36	57	53	34	34	36	41	41	42	52	56	55	45	46	43	46	47	50	42	32	37	42	55	47	43.1
	MIN	17	20	22	16	14	32	23	29	25	22	17	21	23	25	19	26	32	42	33	40	37	42	42	38	26	18	16	30	36	47	27.7	
SALISBURY FAA AIRPORT	MAX	41	31	40	34	27	44	35	33	56	36	31	32	33	39	39	40	50	56	53	43	45	42	45	49	49	32	32	34	42	59	57	41.3
	MIN	15	13	15	20	10	7	27	25	32	25	19	16	21	24	24	14	25	28	36	33	38	37	41	43	29	19	17	15	32	38	32	24.8
SNOW HILL 4 N	MAX	45	32	39	36	29	44	37	35	56	42	32	32	34	38	40	40	49	58	54	45	45	42	45	47	50	38	34	35	43	59	60	42.4
	MIN	23	12	15	18	13	8	30	23	27	25	16	9	19	23	24	16	22	25	42	33	40	38	40	43	35	26	16	14	30	38	46	25.5
* * *																																	
CENTRAL EASTERN SHORE	02	MAX																															
BLACKWATER REFUGE	MIN	40	35	36	37	26	39	37	35	59	54	44	36	41	40	40	41	48	49	50	42	44	42	45	45	46	41	32	35	36	52	57	42.1
		27	14	17	20	15	12	29	22	29	25	22	18	20	25	25	17	24	32	41	32	37	34	39	41	36	24	19	15	30	34	35	26.1
CAMBRIDGE 4 W	MAX	40	31	36	34	25	39	36	34	54	42	31	31	35	41	39	39	48	50	50	40	42	44	44	47	45	35	31	34	35	54	59	40.2
	MIN	19	18	16	18	14	9	28	18	26	24	21	18	20	24	24	14	22	31	38	31	34	33	37	39	34	25	19	15	28	33	43	24.9
DENTON 1 WNW	MAX	39	30	36	33	28	39	35	31	52	42	30	33	36	41	40	40	46	47	50	40	41	45	46	48	47	37	33	33	35	52	57	40.1
	MIN	11	13	20	18	12	11	25	19	26	14	17	13	20	22	24	14	25	33	35	31	36	34	39	41	27	21	16	13	28	34	37	23.5
EASTON POLICE BARRACKS	MAX	41	31	36	35	29	39	36	34	55	52	35	33	35	41	43	41	49	47	50	42	42	46	45	47	44	41	33	35	36	53	56	41.4
	MIN	18	16	18	19	15	13	28	22	27	24	23	18	22	25	23	19	25	34	41	31	36	34	39	40	36	25	19	15	29	34	47	26.3
PRESTON 1 S	MAX	40	32	36	34	28	40	35	34	55	45	32	33	36	40	40	41	49	47	49	40	38	43	45	47	47	37	32	35	35	53	57	40.5
	MIN	19	14	18	16	13	10	28	22	26	22	20	16	21	23	23	17	25	32	38	31	36	34	39	41	34	24	17	14	29	34	45	25.2
ROYAL OAK	MAX	41	31	36	35	27	39	35	34	55	50	32	33	36	41	39	39	48	45	51	40	41	44	42	46	45	44	32	36	35	52	55	40.6
	MIN	19	13	19	19	15	13	28	22	28	24	23	17	22	25	25	16	23	32	39	30	35	33	38	40	34	26	19	13	30	33	47	25.8
VIENNA	MAX	41	32	37	37	28	42	37	35	54	48	42	33	35	40	38	40	50	50	52	43	43	43	46	47	48	42	32	36	37	52	55	41.8
	MIN	20	17	18	20	15	11	20	23	30	25	23	17	21	24	23	20	28	33	40	30	38	36	40	41	37	26	18	15	30	36	48	26.5
* * *																																	
LOWER SOUTHERN	03	MAX																															
CHARLOTTE HALL SCHOOL	MIN																																
LA PLATA 1 W	MAX	39	35	36	32	31	34	38	36	64	49	34	35	37	42	43	43	50	51	51	41	39	48	45	50	49	41	35	38	35	55	59	42.4
	MIN	21	7	14	17	7	10	26	19	31	20	15	14	19	24	21	11	30	36	41	32	35	35	41	41	31	22	13	12	29	33	28	23.7
LEDNARDTOWN 3 NW	MAX				34	30	38	36	34	65	48	33	34	36	40	42	46	52	44	53	39	39	45	44	43	40	36	34	34	34	58	58	41.8
	MIN				17	8	8	28	20	29	25	20	22	19	25	22	13	25	31	39	32	35	33	40	40	19	13	12	15	15	34	50	24.6
DWINGS FERRY LANDING	MAX	38	29	36	34	27	35	35	35	56	46	31	36	36	41	42	43	49	50	52	39	38	45	44	49	50	41	34	30	34	58	60	41.1
	MIN	16	12	18	16	10	14	26	20	28	21	19	13	18	23	24	17	25	39	37	30	33	32	39	41	39	22	14	15	28	32	42	24.6
PRINCE FREDERICK	MAX																																
	MIN																																
SOLOMONS	MAX	41	31	36	36	26	33	37	34	60	51	34	33	34	39	40	38	39	51	51	40	42	42	42	42	47	38	33	32	32	57	58	40.3
	MIN	22	18	22	20	15	21	30	23	32	27	23	20	21	26	27	23	28	35	40	33	36	33	38	39	36	27	19	20	21	31	49	27.6
WALDORF POLICE BRKS	MAX	39	35	36	35	30	34	37	36	58	58	42	42	40	41	42	44	52	50	53	43	39	46	46	49	50	43	36	35	36	55	59	43.3
	MIN	19	7	13	12	8	9	27	20	32	18	16	11	19	24	25	11	25	25	43	33	33	33	40	41	34	24	15	12	29	33	47	23.8
* * *																																	
UPPER SOUTHERN	04	MAX																															
ANNAPOLIS	MIN	40	32	35	34	26	33	36	33	54	49	29	32	35	41	40	38	43	44	52	40	38	45	44	46	46	40	33	31	34	43	58	39.5
		18	15	19	17	13	14	27	21	30	20	19	12	21	23	22	17	26	35	38	31	34	40	39	41	35	23	16	17	29	33	40	25.1
BALTIMORE WB AIRPORT	MAX	37	32	35	31	26	32	34	33	56	34	30	34	37	42	43	37	47	51	51	38	39	40	45	47	45	29	35	30	34	43	55	39.0
	MIN	15	15	18	17	10	11	24	21	31	20	16	11	21	24	20	16	30	37	35	32	35	37	41	43	28	17	14	16	30	33	35	24.3
BELTSVILLE	MAX	40	23	32	35	29	28	34	30	33	56	34	29	33	37	41	42	42	50	51	48	39	38	47	45	50	44	29	34	31	35	56	38.5
	MIN	18	19	6	15	6	5	12	22	24	15	18	14	14	14	21	12	16	29	38	30	30	34	35	40	30	23	15	12	14	30	34	20.8
BELTSVILLE PLANT STA 5</																																	

MARYLAND AND DELAWARE
JANUARY 1969

Continued

SUPPLEMENTAL DATA

See Reference Notes Following Station Index

MARYLAND AND DELAWARE
JANUARY 1969

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
JANUARY 1969

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			
OAKLAND 1 SE	SNOWFALL SN ON GND	.5 1			.3 1	T 1	T 1	3.0 3	.4 4		.3 1		1 1	.2 1	.2 1	.1 1	.2 1		T			.1 T	.7 1	T										T	
SAVAGE RIVER DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DELAWARE																																			
* * *																																			
NORTHERN 01																																			
MIDDLETOWN 1 WSW	SNOWFALL SN ON GND							3.0 3		2	T																								
NEWARK UNIVERSITY FARM	SNOWFALL SN ON GND							3.0 2			T																							.5	
WILMGTN NCATTLE WB AP	SNOWFALL SN ON GND WTR EQUIV						2.0	.9 3		2	1	T	T	T	T	T	T	T	T																
WILMGTN PORTER RESVR	SNOWFALL SN ON GND						2.5 3	1.0 2		1																									
* * *																																			
SOUTHERN 02																																			
BRIDGEVILLE 1 NW	SNOWFALL SN ON GND							1.5 1		T																									
DOVER	SNOWFALL SN ON GND							1.0 1																											

See Reference Notes Following Station Index

STATION INDEX

MARYLAND AND DELAWARE
JANUARY 1969

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL	
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARTFORD	1	39 28	76 10	40	5P				ROSS AVIATION INC.
ANNAPOLIS	0193	04	ANNE ARUNDEL	1	39 59	76 30	40	6P	6P		H	ARTHUR N. MILLER
ASSATEAGUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	7	6P	6P		HJ	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	HARFORD	1	39 30	76 23	365	5P	5P			MD. STATE POLICE
BITTINGER 2 NW	0881	08	GARRETT	7	39 37	76 15	2700	7P	7P			ELBERT E. BUCKEL
BLACKWATER REFUGE	0915	02	DORCHESTER	1	38 26	76 08	5	5P	5P			NAT. WILDLIFE REFUGE
BOONSBORO	0984	07	WASHINGTON	5	39 31	77 39	735	6P	6P		6P	J. HOWARD BECKENBAUGH
BOYDS 2 NW	1032	06	MONTGOMERY	5	39 13	77 20	580	6P				HUNTER F. STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	330	8A				WASH. SUB. SANIT. COMM.
BROOKDALE	1170	06	MONTGOMERY	5	38 57	77 06	260	7P				B. FRANCIS DASHIELL
CAMBRIDGE 4 W	1385	02	DORCHESTER	1	38 34	76 09	5	6P	6P			D. ARCY MC B. HARDING
CATOCOTIN MOUNTAIN PARK	1530	06	FREDERICK	5	39 39	77 27	1750	4P				CATOCOTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P				MARION G. LEIBY
CHARLOTTE HALL SCHOOL	1686	03	ST. MARYS	4	38 29	76 47	166	4P				CHARLOTTE HALL SCHOOL
CHESTERTOWN	1750	05	KENT	2	39 13	76 04	55	11P	11P			T. W. ELIASON, JR.
CHESSVILLE BRIDGEPORT	1790	07	WASHINGTON	5	39 38	77 41	560	5S				D. PAUL OSWALD
CLARKSVILLE 3 NNE	1862	04	HOWARD	4	39 15	76 56	365	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 59	76 56	70	5P				U.S. GEOL. SURVEY
CONOWINGO DAM	2060	06	HARFORD	4	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	CAROLINE	1	38 54	75 51	40	6P	6P			WAYNE A. CAMEY
EASTERN NECK ISLAND	2601	05	KENT	1	39 01	76 14	20	5P	5P			EASTERN NECK WILDF. REF.
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	5P	5P			MARYLAND STATE POLICE
EDGEHONT	2770	07	WASHINGTON	5	39 40	77 33	905	8A				LEE G. HANNE
ELKTON	2860	04	CECIL	1	39 36	75 50	28	6P	6P			M. W. BOUCHELLE
EMMITSBURG 2 SE	2906	06	FREDERICK	5	39 41	77 18	414	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 NFO	3350	06	FREDERICK	5	39 25	77 28	435	6P	6P			RADIO STATION WFO
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	395	8A				MISS I. MARY STALEY
FROSTBURG	3420	07	ALLEGANY	5	39 39	78 56	2040	5P	5P			DAVID H. 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	6P	6P			MRS. FANNIE B. MILLER
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	680	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	5P			C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRIN. GEORGES	4	39 06	76 56	400	5P	7A			WASH. SUB. SANIT. COMM.
LEONARDTOWN 3 NW	5201	01	ST. MARYS	5	38 19	76 40	40	5P	5P			RADIO STATION WFK
LOCK RAVEN DAM	5940	06	BALTIMORE	1	39 26	76 33	190	5P				CITY OF BALTIMORE
MERRILL	5894	08	GARRETT	5	39 36	79 05	1790	8A				DELMWOOD E. MERRILL
MILLINGTON	5985	05	KENT	1	39 16	75 51	50	6P	6P			LOUIS H. HOLLETT
NEW GERMANY	6408	08	GARRETT	5	39 38	79 07	2580	5P	5P			ARCHIE BITTINGER
OAKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	5P	5P			J. 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	08	BALTIMORE	1	39 38	76 42	600	11P	11P			JOHN R. FOX
PERRY POINT	6980	06	CECIL	1	39 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 MDV
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270	8A				WASH. SANITARY COMM.
PRESTON 1 S	7320	02	CAROLINE	1	38 42	75 55	50	6P	6P			FRANKLIN D. NUSSBAUM
PRINCE FREDERICK	7325	03	CALVERT	1	38 32	76 35	140	5P	5P			BOYD KING
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P	5P			MARYLAND ST. COLLEGE FRM
ROCKVILLE	7705	04	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. SWAINE, JR.
SALISBURY	8000	01	WICOMICO	1	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	8069	08	GARRETT	5	39 31	79 08	1495	8A	8A		8A	U. S. CORPS OF ENGINEER
SIMES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040	7P	7A			PA. ELECTRIC CO.
SIMES DEEP CREEK 2	8320	08	GARRETT	7	39 32	79 25	2040	7P	7A			MRS. THELMA PEAK
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	6P	6P			CURTIS E. SHOCKLEY
SOLOMONS	8405	03	CALVERT	1	38 19	76 27	12	6P	6P			CHESAPEAKE BIOL. LAB.
SUITLAND	8656	04	PRIN. GEORGES	5	38 51	76 56	280	9A	9A			EUGENE H. BROWN
TOWSON	8877	06	BALTIMORE	5	39 23	76 34	390	6P	6P			BENJAMIN 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	5	38 39	76 53	210	5P	5P			MD. STATE POLICE
WESTERPORT	9405	07	ALLEGANY	5	39 28	79 03	1000	6P	6P			MORRIS BRUCE
WESTERPORT UPRC	9409	07	ALLEGANY	5	39 29	79 03	950	6P	6P			UPPER POTOMAC RIVER COM.
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	78 59	810	6P	7A			L. EUGENE PURDON
WHEATON REGIONAL PARK	9502	04	MONTGOMERY	5	39 04	77 02	330	5P	5P			PARK + PLANNING COMM.
WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360	7A				HAGERSTOWN MTR. PLANT
WOODSTOCK	9750	06	BALTIMORE	5	39 20	76 52	415	6P	6P			WOODSTOCK COLLEGE
DISTRICT OF COLUMBIA												
DALECARLIA RESV 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	9055	04		5	38 56	77 01	250	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 38	75 27	45	8A	8A		8A	UNIV. AGRI. EXP. STA.
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID			FREDERICK O. VOGL
MIDDLETOWN 1 MSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P			PIONEER HI-BRED CORN CO.
MILFORD 2 MSW	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		6P	UNIV. OF DELAWARE
SELBYVILLE	8269	02	SUSSEX	2	38 28	75 13	32	5P	5P			L. WIRRIE LONG
WILMINGTON CASTLE WB AP	9995	01	NEW CASTLE	2	39 40	75 36	74	MID	MID			U.S. WEATHER BUREAU
WILMINGTON PORTER RESV	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID			WATER DEPARTMENT

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

REFERENCE NOTES

MARYLAND AND DELAWARE
JANUARY 1969

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 34, Symons Hall, University of Maryland, College Park, Maryland 20740, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA MARYLAND AND DELAWARE".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on the ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

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

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

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

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

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

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

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

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

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

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

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

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

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for these States, price 25 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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