



CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

MAURICE H. STANS, Secretary

DECEMBER 1969

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

Volume 73 No. 12

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	60° or Below	31° or Below					Total	Max. Depth on Ground	Date	10 or More	.50 or More	1.00 or More			
																							Max.	Min.	
MARYLAND																									
* * * SOUTHERN EASTERN SHORE 01																									
ASSATEAGUE STATE PARK	44.9	31.9	38.4		57	11	21	21	818	0	0	19	0	5.39		1.80	26	T	0		8	5	1		
CRISFIELD SOMERS COVE	44.2	32.3	38.3	- 2.9	59	11	21	21	821	0	0	17	0	5.82	2.90	1.75	26				10	5	1		
PDCOMCKE CITY 1 S	46.9	27.1	37.0		61	10			862	0	0	23	0	7.72		2.12	26								
PRINCESS ANNE	45.1	27.9	36.5		64	11	14	21	876	0	1	24	0	6.86		2.12	26	.0	0		9	5	1		
SALISBURY	45.4	29.6	37.5		64	11	15	21	846	0	1	22	0	7.71	4.58	2.35	26				9	6	2		
SALISBURY FAA AIRPORT	45.0	28.8	36.9		64	10	14	21	864	0	0	23	0	7.74		1.88	10				10	5	3		
SNOW HILL 4 N	44.5	29.5	37.0	- 2.3	61	11	15	21	862	0	0	23	0	6.54	3.13	1.90	26	.2	T	0	15	10	5	3	
DIVISION																									
* * * CENTRAL EASTERN SHORE 02																									
BLACKWATER REFUGE	44.4	29.8	37.1		60	12+	18	25	858	0	1	22	0	7.66		1.90	26				9	6	3		
CAMBRIDGE 4 W	42.6	28.9	35.8		62	11	14	21	899	0	1	23	0	7.91		2.32	26	.5	T	31+	9	5	4		
DENTON 1 HW	43.1M	27.1M	35.1M		64	11	14	25	923	0	3	23	0	6.95		1.90	26				9	6	3		
EASTON POLICE BARRACKS	43.2	28.8	36.0	- 1.9	64	11	18	25	891	0	1	24	0	6.67	3.54	1.30	26	T	T	22	8	7	1		
PRESTON 1 S	42.7	29.0	35.9		63	11	17	21	896	0	2	22	0	7.51		2.26	26	1.0	T	23	8	6	2		
ROYAL OAK	42.2	29.6	35.9		60	11	18	25+	892	0	2	21	0	7.74		2.21	26	T	T	26+	8	7	3		
VIENNA	43.7	31.0	37.4		64	11	20	25+	852	0	1	20	0	8.52		2.05	26				9	6	3		
DIVISION																									
* * * LOWER SOUTHERN 03																									
CHARLOTTE HALL 2 SE	43.6	24.4	34.0		60	11	10	22	951	0	2	26	0	5.89		1.75	26	4.0	3	26	9	6	2		
LA PLATA 1 W	42.8	26.3	34.6		60	11	14	21+	937	0	1	27	0	7.70		1.64	22	4.3	4	26	9	6	4		
LEDNARDOTOWN 3 NW	43.5M	27.6M	35.6M		59	11	12	21	906	0	0	23	0	8.09		2.43	26	4.0	4	26	8	6	3		
OWINGS PERRY LANDING	42.8	28.4	35.6	- 2.7	58	11	18	26	905	0	1	25	0	7.18	4.13	1.48	26	T	T	22	8	8	3		
PRINCE FREDERICK 1 N	43.0	26.1	34.6		58	11	11	21	937	0	1	27	0	7.05		1.74	26	2.0	2	26	9	6	2		
SOLOMONS	42.1M	31.8M	37.0M	- 3.3	57	11	23	25+	862	0	1	20	0	7.25	4.28										
WALDORF POLICE BRKS	42.7	26.2	34.5		61	11	12	21	938	0	1	26	0	7.41				3.0							
DIVISION																									
* * * UPPER SOUTHERN 04																									
ANNAPOLIS	41.3	28.9	35.1	- 3.0	57	11	18	21	918	0	2	20	0	8.10	5.25	1.90	10	3.0	3	27+	8	6	3		
BALTIMORE WB AIRPORT	41.9	28.5	35.2	- .6	58	11+	16	21	916	0	3	24	0	7.44	4.45	1.58	10	9.0	3	27+	8	6	4		
BELTSVILLE	40.8	24.8	32.8		59	11	14	21	991	0	2	30	0	6.43		1.64	11				4	27+	8	5	5
BELTSVILLE PLANT STA 5	40.5	25.3	33.4		58	11	16	21	970	0	2	27	0	6.88		1.60	11	9.5	4	27+	8	5	4		
COLLEGE PARK	41.5	28.4	35.0	- 2.0	58	11	18	25	922	0	2	22	0	7.10	4.06	1.56	22	6.5	5	26	9	6	3		
DALECARLIA RESV D C	42.3	25.1	33.7		57	11	14	26	963	0	2	27	0	6.94		1.45	22				9	7	2		
FORT GEORGE G MEADE	41.9	26.4	33.9		57	11	10	25	956	0	2	25	0	7.04		1.62	22	5.5	3	27+	8	7	3		
GLENN DALE BELL STA	42.1	25.7	33.9	- 2.1	58	11	12	21	959	0	2	27	0	7.20	4.23	1.54	22	6.0	3	27+	9	7	3		
LAUREL 3 W	40.3	27.9	34.1		58	11	16	25	949	0	2	26	0	6.58		1.54	11	9.0	4	27+	7	5	4		
NATIONAL ARBRETUM D C	42.0	28.6	35.3		59	11	18	25+	912	0	2	21	0	8.04		2.10	26	5.3	4	26	9	7	2		
SUITLAND	41.2	27.5	34.4		59	11	18	25	941	0	2	25	0	7.28		1.67	11	4.2	2	26	7	5	5		
U. S. SOLDIERS HOME DC	41.9	28.4	35.2		58	11+	18	25	939	0	2	27	0	7.18		1.58	10	7.5	5	25	8	6	4		
UPPER MARLBORO 3 NNW	42.0	26.1	34.1		59	11	13	21	948	0	1	26	0	6.89		1.66	11	3.6	3	28+	8	6	4		
DIVISION																									
* * * NORTHERN EASTERN SHORE 05																									
CENTREVILLE	40.9	27.6	34.3		59	11	14	21	945	0	2	23	0	9.06		3.65	26	6.0	4	25	10	6	2		
CHESTERTOWN	41.5	28.0	34.8		61	11+	17	25	930	0	4	27	0	7.65		1.70	26	4.5	1	27+	9	6	3		
COLEMAN 3 NNW	40.5	27.5	34.0	- 3.3	61	11	17	25+	954	0	2	26	0	7.35	4.17	2.30	25	3.0	3	25	10	6	2		
EASTERN NECK ISLAND	40.9	31.3	36.1		60	11	18	25	850	0	2	17	0	7.40		1.96	26	2.0	2	26	9	7	2		
HILLINGTON	41.2	29.7	33.5	- 3.3	62	11	13	21	969	0	2	27	0	7.68	4.56	2.34	26	4.5	3	14	10	6	2		
DIVISION																									
* * * NORTHERN CENTRAL 06																									
ABERDEEN PHILLIPS FLD	41.5	25.3	33.4		61	11	13	24	972	0	0	27	0	8.73		2.34	26	6.3	3	26	9	6	4		
BALTIMORE WB CITY	42.3	31.4	36.9	- 2.1	58	10	18	25	866	0	3	20	0	7.85	4.69	1.67	10				9	6	5		
BENSON POLICE BARRACKS	40.5	25.6	33.1		57	11	13	25	984	0	2	27	0	9.50		2.20	30	8.5	3	27+	9	7	4		
BOYDS 2 NW	37.7	25.7	31.7		59	11	11	25	1024	0	4	24	0	4.96		1.17	10	15.5	14	26	7	5	1		
CATOCTIN MOUNTAIN PARK	32.4	19.1	25.8		47	10	-	2	1211	0	18	31	1	8.42		2.90	30	23.2	17	26	7	4	3		
CLARKSVILLE 3 NNE	38.8	24.7	31.8		57	11	10	21	1023	0	3	28	0	7.21		1.48	26+	14.2	6	27+	9	7	2		
CONOWINGO DAM	38.7	24.1	32.4		58	11	13	25	1003	0	3	28	0	7.97		1.87	26	7.0	4	25	9	5	4		
ELKTON	40.0	24.6	32.3	- 3.0	58	11	14	25	1007	0	2	29	0	6.96	3.77	1.74	26				10	4	2		
EMMITSBURG 2 SE	38.4	21.8	30.1		51	11	2	25	1078	0	4	29	0	6.14		1.96	26				11	26	8	6	
FREDERICK WFMD	37.9M	24.3M	31.1M	- 3.1	51	11	13	25	1043	0			0												
PARKTON 2 SW	37.5	23.1	30.3		55	11+	9	25	1068	0	5	29	0	6.96		1.63	10	15.5	8	26	9	5	2		
ROCKVILLE																									

CLIMATOLOGICAL DATA

Continued

MARYLAND AND DELAWARE
DECEMBER 1969

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	
										91° or Above	81° or Above	71° or Above	61° or Above											5° or Below
TOWSON	39.7	26.5	33.1		56	11	14	27+	979	0	2	25	0	0	7.98	4.55	2.00	22	8.0	2	27+	9	6	4
UNIONVILLE	37.9	22.6	30.3		54	11	6	25	1066	0	2	25	0	0	6.10		1.32	10	26.5	13	26	10	6	1
WESTMINSTER 2 SSE	35.8	24.0	29.9	- 4.5	55	11	9	25	1080	0	9	28	0	0	6.29	2.98	1.60	11	17.7	10	27+	8	4	4
WHEATON REGIONAL PARK	40.7	28.1	33.4		56	11	14	21	973	0	3	27	0	0	5.64		1.24	26	9.4	3	27+	9	6	2
WOODSTOCK	38.8	25.3	32.1	- 2.6	56	11	12	21	1014	0	2	29	0	0	7.63	4.61	1.46	22	14.0	8	25	10	7	3
DIVISION			31.7	- 3.2											7.22	4.03			14.5					
* * * APPALACHIAN MOUNTAIN 07																								
BOONSBORO	37.7M	26.7M	32.2M		48	11			1009	0			0	0	5.31				27.2					
CHEWSVILLE BRIDGEPORT	38.3	21.3M	29.8M	- 3.9	49	11	2	25	1084	0	4	30	0	0	4.90	2.29	.97	26	19.0	13	27+	9	4	0
CUMBERLAND	37.3	21.9	29.6		47	9	5	25+	1091	0	6	30	0	0	5.59		1.22	11	27.0	17	29+	7	5	2
CUMBERLAND POLICE BRKS	36.5	22.5	29.5		45	11+	1	25	1094	0	5	31	0	0	6.30		1.60	26	34.0	24	27+	8	6	2
FROSTBURG	31.7	19.6	25.7	- 6.2	44	9	7	25	1209	0	14	31	0	0	6.25	3.39	.77	7	38.0	19	27	12	6	0
DIVISION			29.8	- 4.0											5.37	2.69			26.0					
* * * ALLEGHENY PLATEAU 08																								
BITTINGER 2 NW	28.6	16.7	22.7		39	9+	6	25+	1307	0	22	31	0	0	6.65		.81	7	55.2	23	27	22	5	0
OAKLAND 1 SE	30.7	17.0	23.9	- 6.3	40	9	-10	21	1270	0	18	31	2	0	6.03	2.32	.88	7	42.7	17	27	11	5	0
SAVAGE RIVER DAM	33.0	20.0	26.5		41	10	2	21	1183	0	12	29	0	0	4.84		1.05	11		20	26	8	5	1
DIVISION			24.4	- 5.0											5.84	2.35			49.0					
DELAWARE																								
* * * NORTHERN 01																								
MIDDLETOWN 1 WSW	41.0	26.4	33.7		61	11	16	25	964	0	1	28	0	0	6.75		2.00	26	4.5	2	26+	8	4	3
NEWARK UNIVERSITY FARM	39.2M	25.2M	32.2M		57	11	14	25	1009	0			0	0	6.16		1.32	26	7.0	2	26+	10	5	2
WILMGTN NCASTLE WB AP	39.4	26.0	32.7	- 2.4	59	10	16	25	993	0	4	27	0	0	7.90	4.87	1.78	26	6.8	2	27+	10	5	3
WILMGTN PORTER RESVR	38.0	24.3	31.2		59	10	12	25	1040	0	5	27	0	0	6.54	3.41	1.65	10	7.0	4	25	9	5	3
DIVISION			32.5	- 3.1											6.84	3.74			6.3					
* * * SOUTHERN 02																								
BRIDGEVILLE 1 NW	42.6	26.0	34.3	- 3.5	63	11	14	21	944	0	2	26	0	0	8.75	5.72	2.52	26	1.5	1	25+	8	6	3
DOVER	41.9	27.8	34.9	- 3.0	62	11	17	25+	925	0	1	26	0	0	8.34	5.23	2.94	26	T	T	25+	8	7	2
GEORGETOWN 5 SW	41.8M	24.3M	33.1M				13	21	979	0			0	0	7.23		2.42	26	T	0				
LEWES 1 SW	44.0	28.0	36.0		59	11+	17	21	892	0	0	24	0	0	6.72		1.90	10	T	0		9	4	3
MILFORD 2 WSW	43.0	26.5	34.8		63	11	14	21	929	0	2	24	0	0	8.39		2.62	26	.4	T	25+	8	7	3
SELBYVILLE	44.9	28.7	36.8		62	11	15	21	866	0	0	23	0	0	7.38		2.00	26	T	0		8	6	2
DIVISION			35.0	- 3.1											7.80	4.60			.3					

TEMPERATURE AND PRECIPITATION EXTREMES

- HIGHEST TEMPERATURE: 64° ON THE 11+ AT 6 STATIONS, MD.
- LOWEST TEMPERATURE: -10° ON THE 21ST AT OAKLAND 1 SE, MD.
- GREATEST TOTAL PRECIPITATION: 9.50 INCHES AT BENSON POLICE BARRACKS, MD.
- LEAST TOTAL PRECIPITATION: 3.06 INCHES AT POTOMAC FILTER PLANT, MD.
- GREATEST ONE-DAY PRECIPITATION: 3.65 INCHES ON THE 26TH AT CENTREVILLE, MD.
- GREATEST REPORTED TOTAL SNOWFALL: 55.2 INCHES AT BITTINGER 2 NW, MD.
- GREATEST REPORTED DEPTH OF SNOW ON GROUND: 24 INCHES ON THE 27+ AT CUMBERLAND POLICE BRKS, MD.

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
DECEMBER 1969

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DELAWARE																																	
* * * NORTHERN 01																																	
MIDDLETOWN 1 NSW	6.75	T					.25	1.30		.42	.91				.23	T						1.19				2.00						.45	
NEWARK UNIVERSITY FARM	6.16	T					.23	.76	T	.29	.71				.29							1.19	.15			1.32						.41	.81
WILMINGTON NCASLEY WB AP	7.90	T		T			.88	.44		1.38	.10	T			.27	T		T	T		1.29			T	.44	1.78				.03	.98	.31	
WILMINGTON PORTER RESVR	6.54	T					.05	.28		1.65	.12				.14	T				T	1.08				.34	1.33				T	.90	.45	
* * * SOUTHERN 02																																	
BRIDGEVILLE 1 NW	8.75	T					.17	.86		1.71	.92				.06	.08						1.06	T		.03	2.52					.97	.37	
DOVER	8.34	.02		T			.14	.88		.62	.87				.05	.05					1.15	T	T	.02	2.94					.88	.92		
GEORGETOWN 5 SW	5.23						*	*		*	2.35					.32					.84	T			2.42					.30	1.20		
LEWES 1 SW	6.72	T		T			.28	.47		1.90					.26	T					1.10	T	.03	.80	.47			.08	1.10	.23			
WILFORD 2 NSW	8.39	.03					.15	.90		.82	1.03				.05	.05					1.20	.04	T	T	2.62					.87	.63		
SELBYVILLE	7.28	.04					.07	.73		.83	.88				.32	.04						.87	T		2.00				1.20	.40			

SPECIAL WEATHER SUMMARY

December 1969 was one of the wettest Decembers on record, especially in the eastern half of Maryland and in Delaware, where many long-term weather stations, such as Baltimore, Wilmington, Dover, Solomons, and Cambridge recorded their greatest December precipitation. For Baltimore and Dover, these records dated back to the 1870's. This month's maximum total for regularly published stations was 8.75 inches at Bridgeville 1 NW for Delaware and 9.06 inches at Centreville for Maryland. Other extremely wet Decembers were 1901 and 1902. December 1901 was probably the wettest on record in Maryland as all sections of the State had at least several stations with monthly totals over 7 inches; the maximum total was 11.18 inches at Bachman's Valley.

December had an unusually large number of days, both with precipitation and also with heavy precipitation. Some stations recorded as many as 4 days with 1 inch or more. On December 26 1-day totals were unusually heavy in eastern Maryland and in Delaware; in fact, some stations,

such as Dover with 2.94 inches and Centreville with 3.65 inches, recorded their greatest 1-day December precipitation.

Snowfall was also extremely heavy in the west where long-term stations, such as Oakland 1 SE and Frostburg, reported their greatest December snowfall on record, 42.7 inches and 38.0 inches, respectively. Most stations in Garrett and western Allegany Counties had snow-cover on each day of the month. The important snowfalls of the month occurred on the 1st-2d, 7th, 14th, 21st-22d, and 25th-26th. For a large area of Maryland and for northern Delaware this was the first white Christmas since 1966. The heaviest snowfall of the month was that of the 25th-26th as most totals from Frederick and northern Montgomery Counties westward ranged from 10 to 16 inches.

December was generally a cold month as monthly temperatures averaged below normal, except much below normal in the Garrett and western Allegany Counties.

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DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 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	43 35	40 35	50 32	51 27	39 32	45 26	48 24	54 47	47 41	54 41	57 48	53 32	45 28	46 30	43 35	37 26	36 24	38 23	46 35	48 34	41 21	40 34	38 30	36 27	41 25	53 32	39 31	43 29	46 29	45 36	49 39	44.9 31.9	
CRISFIELD SOMERS COVE	MAX MIN	48 36	42 29	47 33	45 29	39 31	40 29	47 27	54 41	44 40	58 41	59 45	50 39	45 32	44 33	43 38	37 31	37 30	45 36	43 34	41 21	54 34	38 25	34 30	35 22	49 22	38 29	40 27	41 30	41 32	43 20	47 31	44.2 32.3	
POCOHOCKE CITY 1 S	MAX MIN	51 24	52 22	50 26	51 24	52 22	51 19	47 19	56 44	48 39	61 40	60 43	48 30	34 28	43 35	43 28	39 27	39 19	40 17	46 27	51 23	43 13	56 31	36 22	36 22	33 21	53 21	39 20	42 20	46 20	46 31	49 38	46.9 27.1	
PRINCESS ANNE	MAX MIN	50 21	39 26	51 28	40 26	40 25	44 18	48 19	58 44	44 39	60 40	64 46	51 29	44 28	45 24	44 34	39 27	38 23	39 18	46 34	38 25	44 14	56 30	37 21	35 28	31 19	52 28	39 28	41 28	48 27	44 33	48 35	45.1 27.9	
SALISBURY	MAX MIN	48 30	44 22	51 29	42 26	41 25	44 23	46 23	58 44	47 33	53 42	64 33	55 28	47 28	45 27	44 34	41 28	37 23	39 22	47 34	42 29	43 15	56 32	36 22	34 29	32 22	54 20	40 30	42 28	45 28	44 34	47 38	45.4 29.6	
SALISBURY FAA AIRPORT	MAX MIN	52 32	39 26	54 27	35 27	41 25	43 20	56 20	58 45	45 42	64 43	48 36	47 31	40 27	44 28	42 34	35 27	35 24	40 18	46 29	38 21	42 14	56 30	33 23	33 24	39 21	56 32	39 31	41 30	45 28	45 34	48 39	45.0 28.8	
SNOW HILL 4 N	MAX MIN	49 29	38 27	50 28	39 26	39 23	43 21	56 21	58 45	45 40	60 41	61 48	50 31	43 27	43 26	42 34	38 28	38 22	39 21	44 34	38 28	42 15	54 32	35 22	34 29	32 22	54 22	34 29	41 29	45 29	50 34	44.5 29.5		
* * *																																		
CENTRAL EASTERN SHORE 02																																		
BLACKWATER REFUGE	MAX MIN	50 34	38 27	50 29	41 28	41 29	43 27	41 31	55 38	46 39	51 40	60 45	60 31	47 29	47 27	44 38	43 30	38 28	38 21	48 34	44 29	49 21	51 39	35 23	29 18	39 23	39 23	41 22	44 27	41 28	44 32	44 34	44.4 29.8	
CAMBRIDGE 4 W	MAX MIN	49 32	39 26	49 27	40 27	40 29	41 27	46 20	54 42	49 38	62 43	60 39	49 29	43 27	44 23	44 37	38 30	38 28	39 21	44 33	39 30	40 14	42 33	36 26	33 26	29 18	39 23	38 26	40 24	40 26	43 31	43 32	46.0 28.9	
DENTON 1 NW	MAX MIN	48 32	38 24	47 25	36 23	46 22	43 20	46 20	54 42	49 38	64 43	49 33	49 28	42 27	45 26	45 35	42 30	38 28	38 22	44 30	37 25	40 16	39 29	31 18	30 25	30 18	42 24	47 28	40 24	44 28	38 31	44 32	43.1 27.1	
EASTON POLICE BARRACKS	MAX MIN	48 35	39 29	48 29	44 24	41 22	43 24	44 23	54 41	46 40	64 41	49 44	49 30	42 30	45 27	44 35	42 27	39 25	39 22	45 34	41 32	41 19	40 32	40 20	40 21	40 18	40 20	40 30	40 28	40 28	45 32	45 30	45 30	43.2 28.8
PRESTON 1 S	MAX MIN	48 35	38 26	49 28	41 26	41 25	45 23	45 23	54 42	47 39	60 41	48 45	50 33	45 29	45 33	43 34	38 29	37 25	38 23	45 33	39 26	40 17	42 33	35 26	31 26	32 26	42 18	35 26	41 29	40 27	40 32	45 33	42.7 29.0	
ROYAL OAK	MAX MIN	49 36	38 27	48 27	42 26	41 28	42 27	42 23	51 41	45 38	60 40	51 33	44 30	44 30	44 27	44 37	40 29	38 27	38 23	45 34	40 31	40 18	38 33	36 23	32 27	29 18	38 25	39 31	41 29	43 26	39 31	44 33	42.2 29.6	
VIENNA	MAX MIN	49 37	40 27	50 33	43 32	42 28	43 26	47 25	56 46	50 39	62 42	64 46	52 38	47 30	46 31	44 36	36 29	37 27	40 24	45 33	40 22	42 30	38 28	36 22	33 27	28 20	43 27	39 31	42 29	43 29	42 33	45 36	43.7 31.0	
* * *																																		
LOWER SOUTHERN 03																																		
CHARLOTTE HALL 2 SE	MAX MIN	48 29	38 23	50 25	49 20	50 25	43 19	44 19	49 18	45 35	46 36	60 39	50 29	44 23	45 23	45 35	38 24	39 18	39 16	46 30	46 24	47 30	40 10	41 20	34 27	31 11	32 20	43 25	43 20	42 26	37 25	44 33	43.6 24.4	
LA PLATA 1 W	MAX MIN	49 28	41 25	48 21	41 25	44 24	45 19	42 23	48 38	46 31	60 41	49 29	40 27	52 25	44 32	39 28	38 28	48 29	39 25	43 33	37 32	35 22	30 32	33 22	38 27	30 16	33 28	38 28	45 27	43 25	43 32	45 33	42.8 26.3	
LEONARDTOWN 3 NW	MAX MIN	50 28	39 25	50 27	42 26	38 26	42 26	45 15	51 43	47 33	60 39	50 40	49 40	55 25	49 35	49 36	39 18	37 17	47 17	42 17	44 12	40 35	40 30	37 30	37 18	36 18	33 28	34 27	43 27	45 30	41 29	40 29	43.5 27.6	
OWINGS FERRY LANDING	MAX MIN	47 32	39 24	48 28	41 25	39 26	43 24	48 26	49 26	46 35	58 38	54 34	48 34	44 28	48 29	39 22	38 22	36 22	43 32	47 31	48 33	46 33	46 25	35 21	35 18	37 24	35 18	40 26	37 18	40 29	37 31	44 32	42.8 28.4	
PRINCE FREDERICK 1 N	MAX MIN	49 27	40 22	51 28	42 24	43 25	45 19	42 21	52 39	45 35	58 42	54 29	45 23	45 23	46 28	37 25	38 18	37 16	48 31	42 24	42 11	38 31	37 21	35 27	30 16	33 24	38 28	41 24	43 24	38 31	47 32	43.0 26.1		
SOLOMONS	MAX MIN	49 36	40 27	46 32	43 27	41 29	43 29	45 32	52 43	44 42	60 41	53 34	49 34	47 32	48 32	42 31	37 28	37 26	46 36	42 36	42 23	39 34	36 24	40 30	37 23	30 28	33 30	30 29	33 29	41 29	38 34	42 35	42.1 31.8	
WALDORF POLICE BRKS	MAX MIN	42 37	39 24	48 21	44 24	42 25	44 20	41 21	48 38	48 32	61 42	56 30	45 28	50 25	46 37	42 23	38 19	37 17	45 30	41 23	42 12	38 31	38 21	35 25	29 14	33 16	37 30	42 26	42 28	37 32	46 33	42.7 26.2		
* * *																																		
UPPER SOUTHERN 04																																		
ANNAPOLIS	MAX MIN	47 34	38 25	47 27	37 25	41 27	43 23	42 26	45 38	46 34	56 38	57 44	50 34	42 28	45 30	43 36	37 27	36 23	38 22	45 34	38 29	40 18	38 33	35 22	31 26	29 20	35 24	37 29	40 27	43 28	36 33	43 33	41.3 28.9	
BALTIMORE WB AIRPORT	MAX MIN	49 31	39 25	49 30	38 25	43 25	45 21	45 29	48 41	47 34	58 37	58 40	48 34	41 30	46 32	44 30	37 25	37 24	47 31	39 25	41 16	40 29	30 23	31 19	30 19	30 19	37 23	38 30	39 26	41 29	36 34	42 34	41.9 28.5	
BELTSVILLE	MAX MIN	43 25	46 23	39 29	46 24	35 23	41 17	46 21	44 31	44 31	59 38	55 35	46 32	46 27	38 31	45 26	44 31	36 23	35 19	41 20	43 18	36 14	40 24	37 21	30 22	30 16	34 18	34 27	35 24	39 27	45 32	35 32	40.8 24.8	
BELTSVILLE PLANT STA 5	MAX MIN	42 27	46 25	38 22	46 25	35 24	40 18	46 22	44 31	44 30	58 32	54 32	45 28	38 27	45 33	43 26	34 23	34 20	41 30	43 28	36 16	39 24	37 23	30 22	29 17	33 20	33 30	33 28	38 28	36 33	40 33	40.5 26.3		
COLLEGE PARK	MAX MIN	48 29	45 26	48 21	40 21	42 26	46 21	39 26	44 36	44 31	58 41	51 35	43 35	43 29	46 38	37 28	36 29	43 33	40 23	39 19	45 33	37 25	38 33	30 25	29 18	33 22	30 30	29 28	33 30	36 28	40 33	43 33	41.5 28.4	
DALECARLIA RESVR D C	MAX MIN	47 21	40 18	49 24	40 22	41 20	46 20	44 24	44 36	44 32	57 37	55 32	45 27	45 28	49 38	41 27	36 25	35 20	43 32	41 20	41 17	39 31	36 21	30 23	34 19	34 14	32 17	32 14	41 21	44 17	41 25	43 23	42.3 25.1	
FORT GEORGE G MEADE	MAX MIN	46 27	38 22	47 25	41 24	42 25	47 16	41 22	45 36	45 32	53 41	53 32	45 28	46 28	45 23	39 24	35 24	35 18	44 33	39 34	40 13	37 33	36 24	30 23	27 10	35 23	37 20	40 28	42 26	39 31	41 32	41.3 26.4		
GLENN DALE BELL STA	MAX MIN	48 27	38 23	47 19	42 24	42 23	46 15	43 19	45 36	45 29	58 30	54 40	45 30	45 27	43 25	41 25	37 25	36 15	45 32	42 28	40 12	40 33	32 21	32 24	28 14	32 21	34 24	37 21	41 29	44 27	44 32	42.1 25.7		
LAUREL 3 W	MAX MIN	45 32	37 23	45 30	41 23	41 26	46 25	40 30	44 35	45 36	50 35	48 42	49 30	42 35	45 35	41 25	35 25	35 25	42 32	38 27	40 22	37 32	35 20	30 23	26 16	33 21	35 25	30 25	35 27	40 29	42 30	39 32	40.3 27.9	

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MARYLAND																																	
NATIONAL ARBORETUM D C	MAX MIN	43 30	40 25	50 25	39 25	42 27	46 22	40 26	45 37	45 33	59 41	55 36	46 29	47 30	44 38	39 28	37 27	36 23	45 33	43 30	41 18	37 33	37 23	32 25	28 18	35 23	37 22	41 28	45 30	38 33	45 34	42.0 28.6	
SUITLAND	MAX MIN	44 33	46 25	38 25	47 25	35 25	42 27	45 28	46 33	43 36	59 36	55 35	42 36	46 30	45 32	42 28	35 27	36 20	41 20	44 29	44 19	40 25	37 22	29 22	30 18	34 20	34 28	35 27	38 29	44 32	36 32	41.2 27.5	
U. S. SOLDIERS HOME DC	MAX MIN	46 28	41 24	52 30	39 25	42 29	47 27	45 31	45 37	45 35	58 40	58 42	46 27	46 32	44 31	36 26	39 26	39 25	47 30	39 26	41 24	38 25	31 24	33 23	33 23	28 18	33 24	37 27	38 26	44 29	37 28	44 30	41.9 28.4
UPPER MARLBORO 3 NNW	MAX MIN	44 28	47 24	39 18	48 24	41 26	43 21	46 25	46 33	44 31	59 33	58 38	47 29	39 26	47 33	44 27	39 24	37 18	42 27	45 30	36 13	41 22	36 21	31 23	33 17	34 23	35 32	36 28	40 30	44 32	36 33	42.0 26.1	
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	46 30	37 21	42 27	42 27	41 23	42 27	40 20	50 40	47 34	53 43	52 33	46 29	44 27	42 34	42 23	37 25	38 22	44 33	39 31	40 14	38 28	34 19	29 24	25 16	38 24	36 30	37 23	40 29	38 32	44 33	40.9 27.6	
CHESTERTOWN	MAX MIN	47 31	40 26	50 31	37 25	42 26	46 25	47 24	47 41	46 35	61 37	61 44	47 32	40 28	42 32	43 31	36 25	39 23	46 32	38 26	39 19	37 24	26 19	29 20	32 17	32 29	37 29	42 27	43 25	34 32	43 29	41.5 28.0	
COLEMAN 3 WNW	MAX MIN	45 30	38 26	49 29	41 24	41 27	44 27	37 26	45 36	46 34	61 35	49 41	46 28	43 27	40 32	38 26	35 25	38 23	43 32	39 30	38 18	37 31	34 18	29 17	29 17	34 18	29 14	41 30	42 27	37 29	40 32	40.5 27.5	
EASTERN NECK ISLAND	MAX MIN	40 30	39 26	45 26	41 26	41 26	40 32	39 26	49 38	44 36	60 38	52 41	45 33	43 33	43 33	40 30	36 32	37 32	44 30	41 33	40 27	37 32	35 21	30 18	35 28	37 18	35 23	30 34	36 28	37 34	36 32	33 31	40.9 31.3
HILLINGTON	MAX MIN	44 31	38 22	48 26	40 24	41 24	42 18	46 42	50 32	46 43	62 33	46 33	44 26	40 26	42 31	35 23	35 19	38 17	45 32	35 25	40 13	37 29	34 17	32 22	34 17	32 22	32 15	36 22	42 27	41 20	37 30	42 31	41.2 25.7
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	48 32	38 25	45 29	47 23	48 25	45 20	38 23	46 32	46 31	61 34	50 38	44 26	43 26	42 30	37 22	35 20	34 19	42 19	40 25	37 15	37 33	35 17	35 13	35 15	36 21	35 32	42 15	42 27	37 30	41 32	41.5 25.3	
BALTIMORE WB CITY	MAX MIN	47 32	40 28	49 38	36 26	44 29	49 30	44 40	47 40	46 40	58 45	57 43	49 36	41 28	47 34	44 34	37 30	36 29	47 34	40 30	40 26	40 28	28 22	23 23	30 18	36 29	38 32	44 30	46 37	34 34	43 34	42.3 31.4	
BENSON POLICE BARRACKS	MAX MIN	43 30	39 24	49 28	40 25	41 25	46 19	41 21	44 34	43 33	57 33	51 36	45 26	38 26	41 32	39 22	36 20	39 19	43 31	43 25	36 14	35 31	33 16	27 20	27 13	27 26	34 20	35 26	42 27	45 25	39 31	40 32	40.5 25.6
BOYDS 2 NW	MAX MIN	44 26	39 21	46 26	33 18	39 26	42 19	36 29	41 33	41 33	53 34	45 38	43 24	43 29	41 34	35 25	33 19	32 19	41 30	38 26	38 15	35 29	30 19	26 19	26 19	30 14	26 11	34 24	33 33	39 28	37 21	35 35	37.7 25.7
CATOCTIN MOUNTAIN PARK	MAX MIN	35 23	31 15	37 25	29 18	32 17	37 12	30 12	38 29	38 29	47 29	44 28	44 16	34 24	35 28	34 19	27 12	29 11	32 24	30 19	30 11	32 24	27 12	21 12	20 12	27 12	27 12	30 18	38 20	34 26	30 24	32.4 19.1	
CLARKSVILLE 3 NNE	MAX MIN	44 30	36 22	46 25	36 22	39 23	45 12	40 17	43 35	43 28	57 28	47 39	42 25	42 25	41 33	35 23	34 14	35 30	42 30	35 25	38 10	35 31	35 19	22 22	26 13	35 20	32 31	26 24	40 31	37 32	39 32	38.8 24.7	
CDNOWINGO DAM	MAX MIN	43 30	37 25	46 31	34 25	39 27	41 20	40 38	42 33	45 33	58 32	46 41	46 28	38 26	37 29	37 25	35 20	35 17	43 29	35 23	37 15	37 29	35 23	37 15	37 15	38 23	26 13	41 24	34 27	40 28	38 31	37.7 26.1	
ELKTON	MAX MIN	42 30	38 23	48 32	39 22	41 25	46 22	38 18	46 35	48 30	58 32	48 42	48 26	41 26	35 28	34 21	38 16	38 14	43 31	38 28	34 14	38 31	33 16	31 29	33 16	31 22	28 14	38 22	42 22	40 22	42 31	40.0 24.6	
EMMITSBURG 2 SE	MAX MIN	42 22	45 19	44 28	35 20	40 22	45 15	37 18	44 30	43 25	51 28	45 36	45 25	37 25	38 33	40 20	33 12	32 12	40 28	37 20	37 9	36 27	35 13	26 18	35 27	35 13	26 15	32 25	40 25	36 30	38 30	38.4 21.8	
FREDERICK WFMD	MAX MIN	43 26	36 21	45 29	35 20	40 20	44 18	38 22	40 35	42 31	55 30	47 39	47 27	43 23	43 29	40 17	34 16	33 16	40 27	40 19	38 12	35 28	32 18	28 19	32 15	26 9	32 27	26 13	34 35	37 30	39 34	37.9 24.3	
PARKTON 2 SW	MAX MIN	43 26	36 21	45 29	35 20	40 20	44 18	38 22	40 35	42 31	55 30	47 39	47 27	37 23	36 29	38 24	35 16	35 16	41 27	33 19	35 12	34 20	21 15	25 16	22 16	32 9	22 22	41 26	40 30	38 30	37.5 23.1		
ROCKVILLE	MAX MIN																																
TOWSON	MAX MIN	43 32	36 23	45 32	40 24	41 24	45 22	40 25	45 33	45 33	56 33	48 35	42 26	40 30	39 33	36 24	35 22	36 22	42 31	38 27	38 19	42 31	38 18	30 21	38 14	38 14	37 26	37 18	40 28	39 21	40 31	39.7 26.5	
UNIONVILLE	MAX MIN	43 30	37 16	46 29	34 21	39 21	42 11	36 16	42 33	42 33	54 26	46 35	37 27	41 27	41 30	34 18	34 20	34 22	43 32	35 26	37 10	35 31	33 12	25 19	22 6	34 17	33 27	40 26	39 11	35 32	39 32	37.9 22.6	
WESTMINSTER 2 SSE	MAX MIN	39 29	34 20	41 31	32 19	37 22	43 17	35 20	40 33	41 34	55 31	44 37	45 29	44 23	44 31	35 21	37 22	38 15	40 29	37 21	37 22	35 15	33 29	28 25	23 19	33 9	33 26	38 25	41 24	34 29	37 31	35.8 24.0	
WHEATON REGIONAL PARK	MAX MIN	45 28	37 24	44 22	38 24	38 22	38 18	42 32	42 34	45 27	56 30	51 38	51 27	43 27	43 36	40 23	35 17	38 17	41 29	42 27	37 14	37 18	32 23	28 18	28 22	37 18	26 13	34 24	37 26	41 28	47 33	40.7 26.1	
WOODSTOCK	MAX MIN	42 30	36 23	41 28	34 23	40 23	45 15	40 20	43 35	43 30	56 29	46 41	46 28	37 25	43 28	40 29	34 15	35 15	42 29	35 27	39 12	36 32	34 18	27 22	27 13	34 22	27 19	39 26	43 28	37 31	38 32	38.8 25.3	
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	MAX MIN	40 30	38 20	44 32	33 24	39 24	42 22	35 25	39 33	41 33	42 33	48 33	43 22	40 28	39 24	35 23	34 20	39 23	40 33	35 26	37 18	33 30	30 16										
CHEWSVILLE BRIDGEPORT	MAX MIN	40 30	37 18	45 30	34 21	41 21	43 13	37 19	42 32	46 30	49 27	48 36	46 21	39 23	40 27	35 21	34 13	32 13	39 30	37 22	36 9	38 29	33 13	28 14	24 2	34 16	35 15	39 20	41 13	37 31	39 31	38.3 21.3	
CUMBERLAND	MAX MIN	40 21	42 22	42 22	32 32	38 32	43 17	33 30	43 30	47 30	44 32	44 35	43 25	40 29	43 24	38 17	39 17	39 25	39 25	33 12	32 12	32 16	28 5	20 5	22 5	37 16	28 5	39 23	39 23	35 32	39 25	37.3 21.9	
CUMBERLAND POLICE BRKS	MAX MIN	38 27	42 20	40 29	35 26	37 26	40 16	40 25	45 28	45 32	42 28	42 32	42 22	37 22	42 32	38 20	34 15	35 9	34 24	34 24	29 9	32 25	26 14	26 19	35 1	32 10	26 14	34 21	38 21	34 30	38 31	36.5 22.5	
FROSTBURG	MAX MIN	33 20	34 14	34 24	26 15	33 20	39 14	40 23	44 30	44 24	57 32	36 25	36 16	37 16	37 26	37 17	27 11	27 11	34 27	27 18	27 9	29 22	23 12	27 14	16 7	26 12	25 19	36 26	38 23	34 26	36 32	31.7 19.6	
HAGERSTOWN	MAX MIN	40 29	38 20	44 31	34 19	39 26	42 20	36 26	42 30	42 29	49 39	45 33	37 22	39 28	40 30	32 23	32 20	32 15	40 29	35 25	36 15	35 20	31 16	25 18	23 4	33 14	33 27	38 22	40 22	34 30	38 32	36.9 24.2	

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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	
MARYLAND																																
HANCOCK FRUIT LAB	MAX	42	40	42	44	33	39	41	36	40	43	37	47	45	37	42	41	33	33	39	39	33	37	37	26	28	30	35	34	38	40	35
	MIN	38	22	25	23	28	15	22	23	31	28	35	37	27	30	37	26	21	15	30	27	9	31	16	19	-2	20	15	17	20	31	33
PICARDY	MAX	39	40	43	32	38	43	35	37	43	38	45	42	38	40	38	33	32	31	38	33	34	36	29	30	23	33	32	38	39	34	38
	MIN	27	17	29	18	25	15	26	30	32	30	32	33	22	28	33	21	21	17	25	23	10	27	16	18	3	14	25	12	24	31	30
WESTERNPORT UPRC	MAX	39	38	39	36	35	39	38	40	45	42	43	42	42	43	38	34	32	30	39	32	30	35	29	30	34	34	32	36	34	36	39
	MIN	26	22	30	22	24	16	28	29	32	28	34	30	29	28	23	24	23	14	26	24	8	25	17	20	4	3	25	22	26	26	27
* * *																																
ALLEGHENY PLATEAU 08																																
BITTINGER 2 NW	MAX	29	29	31	22	26	32	28	39	39	35	34	33	32	34	28	22	24	31	33	23	27	28	18	21	15	22	21	28	32	27	33
	MIN	18	12	19	13	16	13	22	26	27	28	30	21	12	26	20	14	11	8	21	15	6	15	8	10	6	10	15	11	18	25	21
OAKLAND 1 SE	MAX	32	31	34	24	27	36	30	37	40	36	36	35	32	38	29	24	25	34	34	24	32	32	23	26	21	21	22	30	34	35	37
	MIN	20	15	23	15	17	7	24	27	30	30	32	23	16	28	22	15	7	-4	23	15	-10	16	2	14	4	14	18	19	16	28	24
SAVAGE RIVER DAM	MAX	37	35	38	36	27	31	34	32	40	41	40	40	36	35	40	33	28	27	38	33	27	33	33	23	24	23	28	27	32	34	38
	MIN	28	20	34	20	24	14	13	26	31	30	31	35	21	21	31	22	18	10	13	21	2	3	11	18	3	4	23	20	18	24	32
SINES DEEP CREEK 2	MAX																															
	MIN																															
DELAWARE																																
* * *																																
NORTHERN 01																																
MIDDLETOWN 1 WSW	MAX	43	38	48	40	41	43	39	47	48	44	61	51	45	39	41	37	36	38	44	39	36	38	33	29	38	33	36	42	42	42	40
	MIN	32	23	28	23	25	21	21	31	33	34	41	32	27	25	29	24	21	18	32	28	17	30	17	23	16	28	25	28	24	31	21
NEWARK UNIVERSITY FARM	MAX	43	36	47	39	40	43	40	45	47	44	57							36	40	39	37	36	33	29	27	35	34	39	39	36	39
	MIN	30	24	25	22	25	17	21	33	33	35	40							16	30	26	15	30	17	20	14	22	22	24	26	31	31
WILMGTN NCASTLE WB AP	MAX	41	35	47	35	39	43	44	46	48	59	57	48	38	36	39	32	35	35	43	35	37	38	27	30	31	36	34	39	39	35	40
	MIN	28	24	28	20	23	19	23	41	34	35	43	31	28	30	30	20	19	18	28	21	17	23	18	19	16	27	27	29	25	32	29
WILMGTN PORTER RESVR	MAX	41	35	46	33	37	42	44	45	46	59	58	46	37	35	38	31	33	34	40	33	35	36	26	27	34	32	31	34	39	35	36
	MIN	26	22	23	17	22	23	20	38	34	35	41	31	25	28	28	20	16	17	28	22	17	21	15	16	12	26	24	22	24	30	29
* * *																																
SOUTHERN 02																																
BRIDGEVILLE 1 NW	MAX	47	37	49	40	40	44	44	54	46	50	63	52	44	44	43	39	36	37	42	38	40	43	34	30	29	47	38	41	45	40	44
	MIN	27	18	26	23	20	20	19	41	37	40	44	30	26	24	30	23	20	18	28	25	14	30	18	24	17	25	27	26	24	30	33
DOVER	MAX	45	38	48	41	40	42	39	51	47	45	62	54	45	43	40	39	34	37	44	40	39	39	33	33	28	45	37	42	42	44	44
	MIN	32	25	28	24	26	23	22	38	37	38	44	36	28	26	32	26	20	22	32	27	17	31	18	24	17	25	27	28	27	31	32
GEORGETOWN 5 SW	MAX	43	48	37	48	35	39	44	46	48	59	57	48	46	44	42	34	35	41	45	37	54	56	32	31	54	36	39	40	44	43	
	MIN	29	26	26	26	23	18	24	33	19			19	24	33	27	19	18	21	27	13	30	19	20	19	23	27	28	25	29	26	24
LEWES 1 SW	MAX	47	39	50	35	39	43	47	56	46	59	59	47	42	43	41	37	36	40	46	38	40	56	33	33	43	54	38	43	46	43	44
	MIN	30	26	30	23	24	22	21	44	39	41	42	31	27	25	33	26	23	21	31	26	17	32	19	23	23	32	25	19	27	33	34
MILFORD 2 WSW	MAX	46	38	49	40	40	44	43	54	47	46	63	51	50	44	42	39	35	39	45	40	41	42	34	30	30	52	38	42	44	40	44
	MIN	28	23	24	20	20	17	17	40	36	38	43	28	25	22	30	23	16	18	33	27	14	32	19	26	19	29	29	27	37	34	26
SELBYVILLE	MAX	48	38	50	43	39	45	46	58	48	56	62	53	45	43	43	39	37	42	45	40	42	55	35	34	37	55	39	41	45	44	46
	MIN	32	26	29	25	26	22	20	45	40	41	48	31	28	25	33	28	22	20	35	27	15	30	21	28	20	19	27	29	28	33	38

SUPPLEMENTAL DATA

	Wind (Speed - m.p.h.)						Relative humidity averages- percent				Number of days with precipitation						Percent of Possible sunshine Average sky cover sunrise to sunset		
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time				Trace	.01-.09	.10-.49	.50-.99	1.00-1.99 2.00 and over	Total			
							EASTERN												
BALTIMORE WB AIRPORT MD	30	7.0	11.2	42	NW	27	63	65	55	57	7	3	2	2	4	0	18	46	6.5
WILMINGTON NCASTLE WB DEL	30	6.5	11.5	35++	28	27	76	78	63	68	10	1	5	2	3	0	21	-	6.7

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
DECEMBER 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																																					
POCOMOKE CITY 1 S	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
SALISBURY FAA AIRPORT	SNOWFALL SN ON GND	T			T								T	T		T				T					.2	T	T			T							
SNOW HILL 4 N	SNOWFALL SN ON GND				T																					T	.2										
* * * CENTRAL EASTERN SHORE 02																																					
CAMBRIDGE 4 W	SNOWFALL SN ON GND	T			T	T										T		T								T	T	.5			T	T					
DENTON 1 NNW	SNOWFALL SN ON GND	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
PRESTON 1 S	SNOWFALL SN ON GND				T																					T	T	1.0									
ROYAL OAK	SNOWFALL SN ON GND				T	T			T							T										T	T	T									
* * * LOWER SOUTHERN 03																																					
LA PLATA 1 W	SNOWFALL SN ON GND								T					T													T	T	.3	4.0	4	3	2	2	1	T	
LEONARDTOWN 3 NW	SNOWFALL SN ON GND																																				
OWINGS FERRY LANDING	SNOWFALL SN ON GND																																				
* * * UPPER SOUTHERN 04																																					
ANNAPOLIS	SNOWFALL SN ON GND																																				
BALTIMORE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T		T	T			.8						2.0	T				T																		
COLLEGE PARK	SNOWFALL SN ON GND	T		T	T			1.0						.5		T		T																			
FORT GEORGE G MEADE	SNOWFALL SN ON GND	T		T	T									.5																							
GLENN DALE BELL STA	SNOWFALL SN ON GND																																				
* * * NORTHERN EASTERN SHORE 05																																					
CHESTERTOWN	SNOWFALL SN ON GND	T												2.5	T																						
MILLINGTON	SNOWFALL SN ON GND																																				
* * * NORTHERN CENTRAL 06																																					
BROOKDALE	SNOWFALL SN ON GND	T																																			
CONWINGO DAM	SNOWFALL SN ON GND																																				
ENHITSBURG 2 SE	SNOWFALL SN ON GND	T																																			
FREDERICK WFMD	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARKTON 2 SW	SNOWFALL SN ON GND	T																																			
UNIONVILLE	SNOWFALL SN ON GND	T																																			
WESTMINSTER 2 SSE	SNOWFALL SN ON GND	T	.2																																		
WOODSTOCK	SNOWFALL SN ON GND																																				
* * * APPALACHIAN MOUNTAIN 07																																					
CUMBERLAND	SNOWFALL SN ON GND	T																																			
FROSTBURG	SNOWFALL SN ON GND	2.0	T	2.0	1.5	1.0	6.0	1.0	T	T	T	.5	4.0	1.5	1.0	T	T	1.0	T	1.0	1.0	6.0	T	.5	1.0	7.0	1.0	T	T	T	T	T	T	T			
HAGERSTOWN	SNOWFALL SN ON GND	T																																			
HANCOCK FRUIT LAB	SNOWFALL SN ON GND																																				

See Reference Notes Following Station Index

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 1969
DELAYED DATA

Station	Day of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																	
* * *																																	
NOVEMBER 1967																																	
FORT GEORGE G MEADE	MAX	67	59	66	60	48	46	42	46	60	65	67	73	61	48	45	39	44	60	52	46	41	49	47	44	58	65	60	53	44	39	53.1	
	MIN	36	50	38	43	30	20	24	25	20	27	31	44	43	33	30	18	26	36	36	32	32	36	40	24	37	25	32	29	14	24	31.2	
* * *																																	
JULY 1969																																	
WOODSTOCK	MAX																																
	MIN																																
* * *																																	
AUGUST 1969																																	
ROCKVILLE	MAX	85	85	84	80	78	85	87	88	88	81	80	82	81	84	87	87	86	78	78	78	80	75	83	83	87	88	83.0	83.0				
	MIN	66	68	63	64	65	60	62	64	64	60	57	58	61	69	70	65	69	65	53	52	52	51	50	55	60	60	60.9					
* * *																																	
SEPTEMBER 1969																																	
LA PLATA I W	MAX	90	88	83	86	87	87	89	82	77	73	76	78	82	87	85	87	87	76	68	62	66	74	77	75	75	77	82	73	70	73	79.1	
	MIN	62	69	69	67	68	66	63	66	62	48	47	45	46	51	54	56	65	58	46	55	53	44	40	47	59	57	54	57	44	39	55.2	
* * *																																	
OCTOBER 1969																																	
BLACKWATER REFUGE	MAX	77	78	81	80	74	69	75	74	73	74	75	78	78	75	71	68	69	68	70	84	82	68	64	59	58	62	67	62	55	63	70	71.0
	MIN	49	59	68	62	53	42	51	62	54	40	48	59	61	64	38	31	34	37	42	54	64	39	33	24	21	31	55	41	41	37	24	45.7
EASTERN NECK ISLAND	MAX	73	72	78	78	75	66	74	71	70	71	71	76	76	72	66	65	64	67	68	78	75	63	60	48	53	61	63	59	52	57	63	67.3
	MIN	53	57	68	61	53	49	57	60	52	48	54	58	58	60	47	44	51	49	51	55	58	46	38	29	42	40	53	42	34	33	40	49.7

SNOWFALL AND SNOW ON GROUND

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																																	
* * *																																	
NOVEMBER 1967																																	
FORT GEORGE G MEADE	SNOWFALL																																
	SN ON GND																																

STATION INDEX

MARYLAND AND DELAWARE
DECEMBER 1959

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		
								TEMP.	PRECIP.	EVAP.	SPECIAL										TEMP.	PRECIP.	EVAP.	SPECIAL			
MARYLAND																											
ABERDEEN PHILLIPS FLD	0015	04	HARTFORD	1	39 28	76 10	57	59	59			ROSS AVIATION INC.	8000	02	WICOMICO	1	39 22	75 30	10	59	59			CITY OF SALISBURY			
ANNAPOLIS	0192	04	ANNE ARUNDEL	1	38 29	76 20	40	69	69	H		ARTHUR W. MILLER	8005	02	WICOMICO	1	39 20	75 30	10	59	59			FED. AVIATION AGENCY			
ASSATEAGUE STATE PARK	0335	01	WORCESTER	1	38 14	75 08	7	69	69	H		ASSATEAGUE STATE PARK	8006	08	GARRETT	1	39 31	79 08	1495	8A	8A			U. S. CORPS OF ENGINEERS			
BALTIMORE WB AIRPORT	0465	04	ANNE ARUNDEL	1	39 31	76 40	148	110	110	H		U. S. WEATHER BUREAU	8315	08	GARRETT	1	39 32	79 25	2040					PA. ELECTRIC CO.			
BALTIMORE WB CITY	0470	04	BALTO CITY	1	39 31	76 37	14	110	110	H		U. S. WEATHER BUREAU	8322	08	GARRETT	1	39 32	79 25	2040					MRS. THELMA BEAM			
BELTSVILLE PLANT STA 5	0700	04	PRIN. GEORGES	1	39 02	76 33	120	8A	8A	RAC		CHESTER H. GORDON	8820	01	WORCESTER	1	38 14	75 23	28	69	69			CURTIS E. SHOCKLEY			
BELTSVILLE PLANT STA 5	0705	04	PRIN. GEORGES	1	39 01	76 37	100	9A	9A			USON PLANT IND. STA.	8405	02	CALVERT	1	38 19	76 27	12	69	69			CHESEAPEAKE BIDL. LAB.			
BETTSVILLE POLICE BARRACKS	0712	04	HARFORD	1	39 30	76 43	365	59	59	C		MD. STATE POLICE	8524	04	PRIN. GEORGES	1	36 51	76 54	170	6A	9A			EUGENE M. BROWN			
BITTINGER 2 NW	0881	08	GARRETT	1	39 37	79 15	2700	79	79	H		ELBERT E. BUCKEL	8877	04	BALTIMORE	1	39 27	77 11	290	69	69			BENDIX PAI22			
BLACKWATER REFUGE	0915	02	DORCHESTER	1	38 28	76 08	5	59	59	C		NAT. WILDLIFE REFUGE	9022	04	FREDERICK	1	39 27	77 11	930	69	69			G. F. VON EIFF, JR.			
BODENBOND	0988	07	WASHINGTON	1	39 31	77 39	759	69	69	OP		J. HOWARD BECKENBAUGH	9070	04	PRIN. GEORGES	1	38 32	76 47	96	8A	8A			TOBACCO EXP. FARM			
BOYDS 2 NW	1032	04	MONTGOMERY	1	39 19	77 20	580	69	69	OP		HUNTER F. STALEY	9140	02	DORCHESTER	1	38 28	75 50	12	69	69			DELNEAVE POWER & LIGHT			
BRIGHTON DAM	1122	04	MONTGOMERY	1	39 12	77 01	230	8A	8A			WASH. SUB. SANIT. COMM.	9195	08	CHARLES	1	38 39	76 53	210	59	59			MD. STATE POLICE			
BROOKDALE	1170	04	MONTGOMERY	1	38 37	77 00	250	79	79	H		WASH. SUB. SANIT. COMM.	9400	07	ALLEGANY	1	39 29	76 09	990	69	69			UPPER POTOMAC RIVER COM.			
CAROLIDGE 4 W	1385	02	DORCHESTER	1	38 34	76 09	5	69	69	H		D. FRANCIS DASHIELL	9438	04	CARROLL	1	39 38	76 59	810	69	74			L. EUGENE PARADISE			
CATCOTT MOUNTAIN PARK	1530	04	FREDERICK	1	39 39	77 27	1750	49	49	OP		CATCOTT MOUNTAIN PARK	9502	04	MONTGOMERY	1	39 04	77 02	330	59	59			PARK & PLANNING COMM.			
CENTREVILLE	1627	03	QUEEN ANNES	1	39 09	76 09	46	69	69	OP		HAROLD G. LEIBY	9570	07	WASHINGTON	1	39 37	77 51	260	7A	7A			MAGERSTOWN WTR. PLANT			
CHARLOTTE HALL 2 SE	1688	08	ST. MARYS	1	38 28	76 46	168	69	69	OP		MRS. SUSAN M. CARRICD	9750	04	BALTIMORE	1	39 20	76 52	415	69	69			WODSTOCK COLLEGE			
CHESTERTOWN	1730	05	KENT	1	39 13	76 04	35	11P	11P	H		T. W. ELIASON, JR.															
CHEWESVILLE BRIDGEPORT	1740	07	WASHINGTON	1	39 39	77 40	560	69	69	OP		LAMON H. WOLFINGER															
CLARKSVILLE 3 NNE	1802	04	HOWARD	1	39 15	76 56	265	59	59	OP		UNIVERSITY OF MARYLAND															
COLEMAN 3 NW	1960	05	KENT	1	39 21	76 08	78	69	69	OP		W. B. HARRIS	2225	04		1	38 56	77 07	146	59	59			CORPS OF ENGINEERS			
COLLEGE PARK	1995	04	PRIN. GEORGES	1	39 38	76 55	70	59	59	C		U. S. G. SOL. SURVEY	6550	04		1	38 54	76 58	50	69	69			U. S. NAT. ARCHITECTON			
CONNINGDOM DAM	2040	04	HARFORD	1	39 39	76 10	40	11P	11P	H		SUSQUEHANNA ELECTRIC CO.	9028	04		1	38 56	77 01	230	MID	MID			U. S. SOLDIERS HOME			
CRESFIELD SOMERS COVE	2215	01	SOMERSET	1	39 39	75 52	8	59	59	OP		MD. STATE POLICE															
CUMBERLAND	2280	07	ALLEGANY	1	39 39	78 43	900	69	74	H		KEITH E. THOMAS															
CUMBERLAND POLICE BRKS	2283	07	ALLEGANY	1	39 38	78 30	970	59	59	OP		MD. STATE POLICE															
DEATON 1 NW	2325	02	CARDLINE	1	38 54	75 51	40	69	69	OP		WAYNE A. CAGLEY															
EASTERN NECK ISLAND	2491	05	KENT	1	39 01	76 14	20	59	59	OP		EASTERN NECK WILDF. REF.															
EASTON POLICE BARRACKS	2702	02	TALBOT	1	39 45	76 04	40	59	59	OP		MARYLAND STATE POLICE															
EGGENHET	2770	07	WASHINGTON	1	39 40	77 33	905	74	74	OP		LEE G. HARNE															
ELKTON	2860	04	CECIL	1	39 37	75 50	40	69	69	OP		M. W. BOUCHELLE															
EMMITTSBURG 2 SE	2900	04	FREDERICK	1	39 41	77 18	426	59	59	OP		MRS. LUCILLE M. BEALE															
FORT GEORGE G HEADE	3230	04	ANNE ARUNDEL	1	39 04	76 43	140	59	59	OP		W. FILTRATION PLANT															
FREDERICK WFO	3350	04	FREDERICK	1	39 25	77 28	435	69	69	OP		RADIO STATION WFO															
FREDERICK 2 E	3358	04	FREDERICK	1	39 24	77 22	365	8A	8A			MRS. J. MARY STALEY															
FROSTBURG	3410	07	ALLEGANY	1	39 39	78 30	2140	59	59	H		C. DAVID DONNIN															
GLEN DALE BELL STA	3679	04	PRIN. GEORGES	1	38 58	76 48	130	49	49	OP		PLANT INTRO. GARDEN															
GRANTSVILLE	3795	08	GARRETT	1	39 42	78 09	2380	69	69	OP		MRS. FANNIE B. MILLER															
HAGERSTOWN	3975	07	WASHINGTON	1	39 39	77 44	660	69	69	OP		HAGERSTOWN RESIDR															
HANCOCK FRUIT LAB	4030	07	WASHINGTON	1	39 42	78 11	426	8A	8A	C		U. OF MD. FRUIT LAB.															
LA PLATA 1 W	3080	07	CHARLES	1	39 32	77 00	140	59	59	OP		C. RUSSELL LEVERING															
LAUREL 3 W	5111	04	PRIN. GEORGES	1	39 06	76 34	400	59	74	C		WASH. SUB. SANIT. COMM.															
LEONARDTOWN 3 NW	5201	04	ANNE ARUNDEL	1	38 19	76 40	40	59	59	C		RADIO STATION WKIK															
LOGG HAVEN DAM	5340	04	BALTIMORE	1	39 26	76 33	190	59	59	OP		CITY OF BALTIMORE															
MERRILL	5894	08	GARRETT	1	39 36	79 09	1790	8A	8A			DELWOOD E. MERRILL															
MILLINGTON	5985	05	KENT	1	39 19	75 51	30	69	69	OP		LOUIS M. HOLLETT															
NEW GERMANY	6408	08	GARRETT	1	39 38	79 07	2990	69	69	C		ARCHIE BITTINGER															
OAKLAND 2 SE	6620	08	GARRETT	1	39 24	79 24	2420	59	59	H		LOGAN WEBER															
OWINGS FERRY LANDING	6770	02	CALVERT	1	38 41	76 40	160	59	59	OP		W. JAMES E. BOURNE, JR.															
PARKTON 2 SW	6844	04	BALTIMORE	1	39 38	76 42	600	11P	11P	C		JOHN R. FOX															
PERRY POINT	6980	04	CECIL	1	39 33	76 04	40	40	40	C		VETERANS ADMINISTRATION															
PICARDY	7010	07	ALLEGANY	1	39 28	76 31	1030	69	69	OP		POTOMAC WLD. ORCHARD															
POTOMAC CITY 1 S	7140	01	WORCESTER	1	38 03	75 24	20	59	59	H		RADIO STATION WQW															
POTOMAC FILTR. PLANT	7272	04	MONTGOMERY	1	39 02	77 13	270	8A	8A	H		WASH. SANITARY COMM.															
PRESTON 1 S	7310	02	CARDLINE	1	38 42	75 55	30	69	69	OP		FRANKLIN D. NUSBAUM															
PRINCE FREDERICK 1 N	7218	02	CALVERT	1	38 38	76 35	135	59	59	OP		STANLEY L. HATSON															
PRINCESS ANNE	7390	01	SOMERSET	1	38 19	75 41	20	59	59	OP		MARYLAND ST. COLLEGE "PARK"															

REFERENCE NOTES

MARYLAND AND DELAWARE
DECEMBER 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 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.

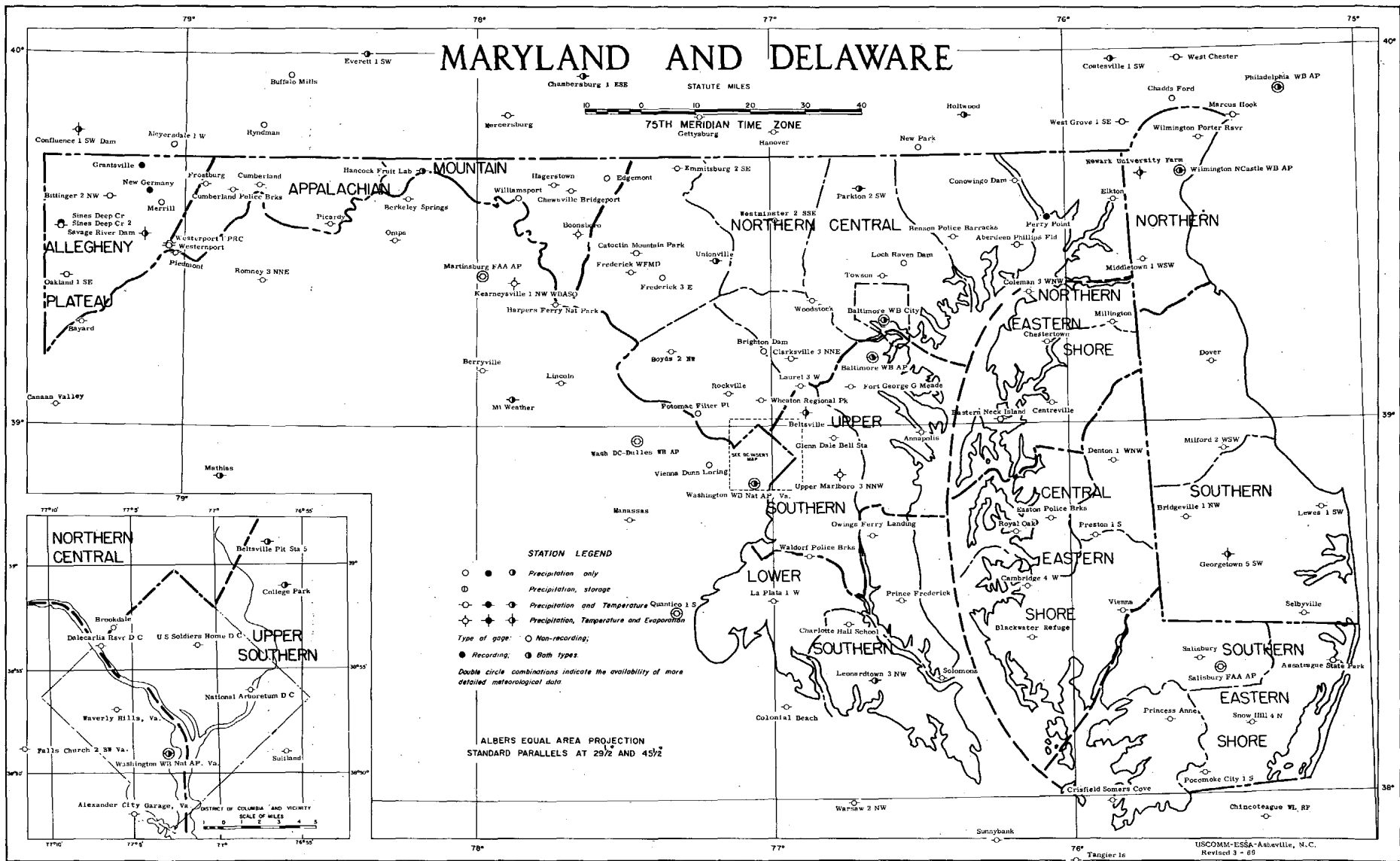
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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.

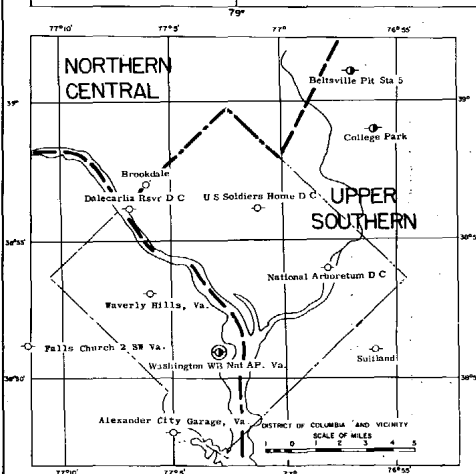
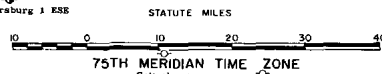
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for these States, price 25 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of 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.

USCOMM-ESSA-ASHEVILLE-02/02/70-810



MARYLAND AND DELAWARE



- STATION LEGEND**
- ● ○ Precipitation only
 - ○ ○ Precipitation, storage
 - ● ○ Precipitation and Temperature Quantities 1 S
 - ● ○ Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording;
● Recording; ○ Both types.
- Double circle combinations indicate the availability of more detailed meteorological data.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29°2' AND 45°2'