

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

DECEMBER 1970

Volume 74 No. 12

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



MONTHLY SUMMARIZED STATION AND DIVISIONAL 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	30° Below	31° or Below					Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
MARYLAND																										
* * * SOUTHERN EASTERN SHORE 01																										
ASSATEAGUE STATE PARK	48.5	32.6	40.6		68	3	20	29+	751	0	0	14	0	2.95		1.20	17	.7	0		5	3	1			
CRISFIELD SOMERS COVE	47.8	35.7	41.8	.6	62	4+	25	30+	712	0	0	10	0	2.78	-.14	1.13	17	1.5	2	26	6	2	1			
POCONOKE CITY 1 S																										
PRINCESS ANNE	48.0	29.7	38.9		68	3	12	30+	802	0	0	20	0	3.05		.92	17	4.0	4	26	6	3	0			
SALISBURY	48.8	31.5	40.2		68	3+	15	27	762	0	0	18	0	3.72	.59	1.03	17	3.0	3	26	6	3	1			
SALISBURY FAA AIRPORT	47.6	27.1	37.4		68	3	9	27	850	0	1	23	0	3.61		1.15	16	1.9	2	27+	6	3	1			
SNOW HILL 4 N	48.0	29.6	38.8	-.5	68	2	10	27	803	0	1	20	0	3.38	-.03	1.00	17	2.5	2	26	6	3	1			
DIVISION																										
			39.6	.0										3.25	.13			2.3								
* * * CENTRAL EASTERN SHORE 02																										
BLACKWATER REFUGE	48.3	30.8	39.6		70	2	17	27	780	0	1	18	0	4.48		1.35	17	2.0	T	27+	8	3	2			
CAMBRIDGE 4 W	46.8	30.6	38.7		68	2	17	27	804	0	1	19	0	3.66		.85	22	2.0	T	31+	7	5	0			
DENTON 1 NW	46.3	29.3	37.8		68	2	18	8	834	0	2	25	0					.5		1	31					
EASTON POLICE BARRACKS																										
PRESTON 1 S	46.6	30.6	38.6		68	2	17	27	810	0	1	18	0	3.40		1.03	17	2.0	1	26	6	3	1			
ROYAL OAK	46.5	32.3	39.4		66	2	19	8	786	0	1	17	0	3.38		1.15	22	1.0	T	31+	5	3	2			
VIENNA	48.3	31.6	40.0		68	2	18	27	770	0	0	17	0	3.89		1.05	17	5.0	3	26	6	3	1			
DIVISION																										
			39.0	.7										3.76	.63			2.1								
* * * LOWER SOUTHERN 03																										
CHARLOTTE HALL 2 SE	48.3	29.2	38.8		72	2	12	30	807	0	0	21	0	3.41		1.00	23+	T	T	31+	4	4	2			
LA PLATA 1 W	48.6	29.1	38.9		74	2	13	29	803	0	0	21	0	3.49		1.03	22	1.1	T	31+	6	4	1			
LEDNARDOTOWN 3 NW	48.7	30.0	39.4		73	2	15	8	789	0	0	19	0	3.51		.77	22+	-.3	T	26	7	4	0			
OWINGS FERRY LANDING	46.6	29.9	38.3	.0	71	2	16	27	821	0	2	18	0	3.77	.72	1.11	22	T	T	31+	6	3	2			
PRINCE FREDERICK 1 N	47.5	29.2	38.4		72	2	16	30+	818	0	0	18	0	3.73		1.11	22	1.0	T	31+	5	4	2			
SOLONONS	46.2	34.6	40.4	.1	63	2	21	27	752	0	1	12	0	3.29	-.68	1.10	17	.5	T	31+	4	4	1			
WALDORF POLICE BRKS																										
DIVISION																										
			39.0	.5										3.53	.43			.5								
* * * UPPER SOUTHERN 04																										
ANNAPOLIS	47.4	32.0	39.7	1.6	69	2	18	26	777	0	0	13	0	3.00	.15	1.18	17	.9	1	21	6	2	1			
BALTIMORE WSO	46.0	30.4	38.2	2.4	72	2	17	29+	824	0	2	16	0	3.50	.51	1.34	16	6.3	T	26+	6	2	1			
BELTSVILLE	45.4	26.9	36.2		69	3	15	8	888	0	1	22	0	3.10		1.12	17	2.5	T	26+	6	2	2			
BELTSVILLE PLANT STA 5	45.6	28.5	37.1		69	3	13	29	860	0	1	20	0	3.06		1.15	22	3.5	1	22	7	2	2			
COLLEGE PARK	46.3	30.5	38.4	1.4	71	2	17	29	815	0	1	18	0					2.0	1	21						
DALECARLIA RESV D C	47.8	28.9	38.4		72	2	13	29	818	0	0	20	0	4.36		1.22	17	2.0	2	31	9	3	2			
FORT GEORGE G MEADE	46.0	26.7	36.4		72	2	12	30+	881	0	1	19	0	3.16		.97	17	2.5	T	31+	6	2	0			
GLENH DALE BELL STA	46.8	27.8	37.3	1.3	71	2	12	29	852	0	0	20	0	2.90	-.07	.92	17	2.5	3	21	5	2	1			
LAUREL 3 W	44.5	30.9	37.7		69	2	12	27	838	0	2	18	0	2.90		1.07	17	-.0	0	0	6	2	1			
NATIONAL ARBORETUM D C	48.2	30.1	39.2		72	2	13	30+	795	0	0	20	0	3.17		1.25	22	2.0	1	26+	6	2	1			
SUITLAND	45.7	29.5	37.6		70	3	15	29	843	0	1	18	0	3.17		1.17	17	.0	0	0	5	2	2			
U. S. SOLDIERS HOME DC																										
UPPER HARLBORO 3 NNW	46.3	27.7	37.0		72	3	15	8	863	0	0	20	0	3.21		1.10	17	.3	T	28+	7	2	2			
DIVISION																										
			37.8	.9										3.23	.26			1.9								
* * * NORTHERN EASTERN SHORE 05																										
CENTREVILLE	45.4	30.2	37.8		68	2	17	8	839	0	1	19	0	3.85		1.10	22	8.0	4	31	7	2	1			
CHESTERTOWN	44.8	28.7	36.8		67	2	19	30+	868	0	1	23	0	3.39		1.02	16	7.5	6	31	6	3	1			
COLEMAN 3 NNW	44.4	31.7	38.1	.8	66	2	20	30+	828	0	0	16	0	3.50	.32	1.13	17	1.0	1	21	8	2	1			
EASTERN NECK ISLAND	45.3	32.1	38.7		65	2	17	6	807	0	0	16	0	2.64		.83	22	1.5	2	21	6	2	0			
MILLINGTON	44.4	26.4	35.4	-1.4	67	2	12	8	910	0	0	23	0	3.46	.34	1.15	17	.5	1	21	6	2	2			
DIVISION																										
			37.4	.1										3.37	.23			3.7								
* * * NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FLD					69	2	15	30		0	0		0	3.13		1.31	17			1	21	7	2	1		
BALTIMORE CITY WSO	46.0	33.4	39.7	.7	74	2	21	27	778	0	0	14	0	3.69	.53	1.24	16	1.0	1	24	8	2	1			
BENSON POLICE BARRACKS	45.1	27.4	36.3		70	2	15	27+	884	0	0	23	0	3.33		1.35	17	.3	T	27+	7	3	1			
BOYDS 2 NW	43.8	29.0	36.4		68	2	14	27	877	0	3	19	0	2.71		.90	22	1.0	T	31+	5	2	0			
CATOCTIN MOUNTAIN PARK	38.8	26.0	32.4		62	2	12	27	1004	0	9	26	0	3.60		1.18	17	5.6	2	22+	8	2	1			
CLARKSVILLE 3 NNE	43.8	26.5	35.2		67	2	13	8	916	0	3	24	0	3.53		1.14	22	4.0	2	31+	6	2	2			
CONWINGO DAM	42.1	27.1	34.6		63	2	16	29+	935	0	0	25	0	3.94		1.08	16	7.0	5	31	8	4	1			
ELKTON	44.5	27.1	35.8	.5	66	2	12	8	898	0	0	22	0	3.18	-.01	1.22	17	1.3	T	29+	7	2	1			
EMMITSBURG 2 SE	42.7	24.8	33.8		66	2	11	29	960	0	3	26	0	4.08		1.30	17	8.0	3	21+	9	2	1			
FREDERICK WFMD																										
PARKTON 2 SW	41.6	25.4	33.5		67	2	13	27	968	0	4	25	0	3.71		.75	16	10.7	6	31	9	3	0			
ROCKVILLE 4 NE	45.6	25.9	35.8		69	2	10	30	899	0	0	25	0	2.55		.90	22	1.0	0	0	5	2	0			

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 141

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
DECEMBER 1970

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		
										59° or Above	50° or More	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TOWSON	44.8	31.1	38.0		68	2	18	27	828	0	1	18	0	3.32	-.11	1.36	17	1.8	1	21	6	3	1
UNIONVILLE	42.7	24.6	33.7		67	2	9	30	963	0	3	26	0	3.97		1.74	16	3.9	2	31	6	3	1
WESTMINSTER 2 SSE	41.2	26.5	33.9	-.5	65	2	11	27	957	0	5	23	0	3.45	-.14	1.16	17	4.0	2	22	8	3	1
WHEATON REGIONAL PARK	44.4	28.0	36.2		67	2	14	29+	887	0	3	22	0	2.22		.83	17	1.3	1	21	4	2	0
DIVISION			35.4	.4										3.36	.17			3.6					
* * *																							
APPALACHIAN MOUNTAIN 07																							
BODNSBORD	44.2	29.4	36.8		67	2	14	27	864	0	4	17	0	2.94		.97	16	2.0	1	26+	7	2	0
CHENSVILLE BRIDGEPORT	43.5	25.4	34.5	.8	68	2	12	29	939	0	2	25	0	3.99	1.38	1.30	23	4.0	3	31	7	2	1
CUMBERLAND	43.6	26.3	35.0		68	2	14	27	925	0	6	23	0	3.63		1.05	22	4.0	2	17	7	3	1
CUMBERLAND POLICE BRKS	43.8	26.7	35.3		67	2	15	27	915	0	6	25	0	3.12		.87	22	4.5	2	31+	6	3	0
FROSTBURG	40.3	24.9	32.6	.7	62	2	9	27	996	0	8	24	0	5.09	2.23	1.20	22	18.5	6	31	11	2	1
HAGERSTOWN	42.7	27.3	35.0		68	2	14	27	925	0	6	24	0	3.71		.86	22	3.0	2	31	9	4	0
HANCOCK FRUIT LAB	41.8	26.4	34.1		67	3	12	29	951	0	5	24	0	3.74	1.24	1.07	17	4.5	1	22+	6	4	1
PICARDY	42.5	27.3	34.9		68	2	13	29	925	0	6	22	0	3.10		.87	22	6.2	3	31	10	2	0
WESTERNPORT UPRC	43.6	27.3	35.5		65	2	14	30+	908	0	4	23	0	4.12		1.11	22	7.0	4	31	9	3	1
DIVISION			34.9	1.1										3.72	1.04			6.0					
* * *																							
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	37.5	21.3	29.4		57	4+	4	27	1097	0	11	25	0	6.57		1.23	22	31.3	13	31	14	4	1
DAKLAND 1 SE	40.6	21.9	31.3	1.1	62	1	4	31	1036	0	8	27	0	5.47	1.76	1.28	22	21.5	7	31	11	4	1
SAVAGE RIVER DAM	43.2	23.7	32.3		61	4	9	5	1007	0	8	27	0	3.82		1.05	22	4.0	3	26	6	3	1
SINES DEEP CREEK 2	40.9																						
DIVISION			31.0	1.6										5.29	1.80			18.9					
DELAWARE																							
* * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	45.0	29.2	37.1		65	2	16	8	859	0	0	19	0	3.01		1.45	17	1.5	T	26	5	2	1
NEWARK UNIVERSITY FARM	44.3	28.3	36.3		68	2	13	8	881	0	0	21	0	2.90		1.34	17	T	T	26	4	2	1
WILMGTON NCASTLE WSD	43.2	28.6	35.9	.8	67	2	15	30+	895	0	0	22	0	3.02	-.01	1.03	16	3.2	T	27+	6	2	1
WILMGTON PORTER RESVR	42.1	26.3	34.2		65	2	12	31	947	0	4	27	0	2.93	-.20	.78	16	T	T	31+	5	3	0
DIVISION			35.9	.3										2.97	-.13			1.2					
* * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	46.1	29.7	37.9	.1	67	2	15	27	833	0	2	20	0	3.48	.45	1.05	22+	1.0	1	29+	6	3	2
DOVER	45.8	31.3	38.6	-.7	66	2	17	8	813	0	0	17	0	3.35	.24	1.23	17	1.3	1	21	5	3	1
GEORGETOWN 5 SW	46.3	27.0	36.7		67	3	9	29+	870	0	2	20	0	3.43		1.25	17	4.0	4	26	5	4	1
LEWES 1 SW	47.0	29.9	38.5		64	4+	13	27	816	0	0	20	0	4.20		1.43	16	2.5	2	28+	6	3	2
MILFORD 2 WSW	46.6	30.0	38.3		68	2	13	8	820	0	1	19	0	3.87		1.26	17	3.0	1	26	7	4	1
SELBYVILLE																							
DIVISION			38.0	-.1										3.67	.47			2.4					

TEMPERATURE AND PRECIPITATION EXTREMES

- HIGHEST TEMPERATURE: 74° ON THE 20 AT 2 STATIONS, MD.
- LOWEST TEMPERATURE: 4° ON THE 31+ AT 2 STATIONS, MD.
- GREATEST TOTAL PRECIPITATION: 6.57 INCHES AT BITTINGER, MD.
- LEAST TOTAL PRECIPITATION: 2.22 INCHES AT WHEATON REGIONAL PARK, MD.
- GREATEST ONE-DAY PRECIPITATION: 1.74 INCHES ON THE 16TH AT UNIONVILLE, MD.
- GREATEST REPORTED TOTAL SNOWFALL: 31.3 INCHES AT BITTINGER 2 NW, MD.
- GREATEST REPORTED DEPTH OF SNOW ON GROUND: 13 INCHES ON THE 31ST AT BITTINGER 2 NW, MD.

See Reference Notes Following Station Index

MARYLAND AND DELAWARE - DECEMBER 1970

SPECIAL WEATHER SUMMARY

December 1970 temperatures averaged near normal to a little above normal; precipitation was near normal except above normal in western Maryland where some totals exceeded 5 and 6 inches; and snowfall was mostly below normal in the eastern portion, becoming above normal in the Garrett County area.

There were several storms during the month. The icestorm of the 21st-22d, one of the worst in recent years in the Garrett County area, brought accumulations of ice to 2 inches on wires and tree branches. There was more than the usual interruption to telephone and power service; however, the ice on highways was a minor problem. Rainfall in this area during the 3 days,

21st-23d, totaled over 2 inches and brought some minor flooding. Snow fell on Christmas Day, beginning during the afternoon and continuing into the next morning. Totals, 4 inches or more, were found in the Princess Anne-Vienna-Georgetown area of Southern Eastern Shore and also in the Garrett County area; elsewhere, totals were generally light. The winter's heaviest snow to date in the 2-state area began during the afternoon and evening of the 31st and continued into New Year's Day. Heaviest totals, over 20 inches, occurred in the west. Strong, gusty winds brought death, injury, and damage on the 6th and the 24th. For further information on these storms, see this month's publication, STORM DATA.

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DAILY PRECIPITATION

MARYLAND AND DELAWARE
DECEMBER 1970

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	3.01			T	.05							T	.42	T			.05	1.45				.08	.67	.15	.12											
NEWARK UNIVERSITY FARM	2.90			T	.03	T						T	.44	T			.01	1.34				.04	.68	.30	.04			T	T							
WILMGTN NCASTLE WSO	3.02			T		T						T	.03	.44	T			1.03	.20			.09	.59	.32	.06		T	T	T						.26	
WILMGTN PORTER RESVR	2.93			T	.03							T		.44	T			.78	.57			.08	.63	.38	T		T	T	T							
* * * SOUTHERN 02																																				
BRIDGEVILLE 1 NW	3.48			T	.12							T	.58	.05			.15	1.05			.02	.30	1.05	.06	.02										T	
ODVER	3.35			T	.03							T	.57	.05			.09	1.23			.02	.14	.88	.09	.23										.02	
GEORGETOWN 5 SW	3.43				.03								.07	.72	.01			1.43	1.25				.55	.59	.03										.18	
LEWES 1 SW	4.20			T	.03							.01	.58								.02	.33	1.11	.08											.25	
MILFORD 2 NSW	3.87			T	.05							T	.58	.08			.20	1.26			.01	.58	.87	.11	.07										.14	
SELBYVILLE	-																																			

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	Standard of Time EASTERN				Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total	
						01	07	13	19										
BALTIMORE WSD MD	28	4.8	8.4	45	W	04	70	72	57	64	2	6	4	1	1	0	14	53	6.0
WILMGTN NCASTLE WSD DEL	31	4.8	10.5	40++	32	06	72	74	56	68	9	3	4	1	1	0	18	-	6.7

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 1970

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	63	65	68	65	50	42	35	35	52	59	56	50	49	45	42	50	48	50	54	53	53	48	50	53	40	44	37	37	33	34	42	48.5
	MIN	37	50	42	49	28	30	25	20	29	39	33	46	40	34	34	30	33	38	35	35	33	35	39	30	26	27	20	25	20	21	28	32.6
CRISFIELD SOMERS COVE	MAX	57	60	62	62	50	49	38	40	52	55	55	54	52	44	45	48	53	49	51	52	46	48	50	50	42	35	38	38	36	35	36	47.8
	MIN	37	45	42	50	35	34	31	25	36	40	34	47	40	39	34	31	44	40	37	42	34	38	41	40	27	30	26	29	26	25	27	35.7
PDCOMCKE CITY 1 S	MAX																																
	MIN																																
PRINCESS ANNE	MAX	57	66	68	65	49	46	39	41	55	60	53	52	52	41	45	49	56	48	55	55	39	48	51	51	38	33	36	34	34	35	36	48.0
	MIN	28	40	31	47	27	32	26	14	24	33	25	48	38	32	25	33	44	35	28	28	25	37	40	35	19	28	25	25	12	12	25	29.7
SALISBURY	MAX	59	68	68	64	52	48	40	41	56	60	52	53	52	44	46	48	56	51	55	57	46	50	49	50	39	33	37	34	35	35	35	48.8
	MIN	32	43	35	50	28	31	27	18	28	35	29	46	39	36	27	26	46	32	31	38	36	36	39	36	22	27	15	24	20	20	24	31.5
SALISBURY FAA AIRPORT	MAX	58	67	68	64	47	47	38	40	55	60	51	51	48	43	44	55	56	49	55	53	39	50	50	51	34	33	35	33	32	33	38	47.6
	MIN	30	38	32	38	26	32	18	13	31	33	27	47	36	25	24	24	43	30	30	29	29	36	40	24	20	19	9	12	13	13	19	27.1
SNOW HILL 4 N	MAX	56	68	66	65	47	48	39	40	54	60	52	58	51	43	43	50	55	50	56	58	40	50	50	54	34	33	35	34	32	33	35	48.0
	MIN	30	39	29	47	25	31	26	15	28	33	28	47	40	30	25	25	45	35	30	39	29	38	39	34	22	26	10	22	15	17	19	29.6
* * *																																	
CENTRAL EASTERN SHORE 02																																	
BLACKWATER REFUGE	MAX	59	70	66	64	48	48	39	41	56	52	59	50	48	45	44	44	54	52	57	55	49	47	49	46	38	31	38	42	36	36	35	48.3
	MIN	30	44	34	47	27	32	29	18	33	26	34	43	35	32	27	22	43	40	32	41	29	35	40	37	21	27	17	18	22	19	20	30.8
CAMBRIDGE 4 W	MAX	58	68	65	62	47	44	39	42	57	56	50	48	48	44	43	48	53	48	59	56	38	46	45	42	38	31	38	36	34	35	33	46.8
	MIN	31	43	32	45	29	29	28	19	27	40	27	40	36	35	24	21	43	35	29	37	29	35	37	37	21	27	17	27	23	24	23	30.6
DENTON 1 WNW	MAX	55	68	66	62	45	45	39	40	54	56	50	45	46	44	44	48	52	49	56	53	52	46	44	45	35	32	34	31	33	34	33	46.3
	MIN	31	45	37	41	27	30	27	18	26	29	26	40	37	31	27	27	41	31	29	30	30	31	30	29	22	25	24	26	19	22	21	29.3
EASTON POLICE BARRACKS	MAX																																
	MIN																																
PRESTON 1 S	MAX	55	68	65	61	47	46	39	40	55	57	48	47	47	44	43	48	52	49	56	56	45	45	44	45	36	32	37	35	35	36	33	46.6
	MIN	32	43	34	45	25	30	27	18	25	40	26	41	36	35	28	24	42	38	31	37	30	33	38	35	23	26	17	26	22	21	21	30.6
ROYAL OAK	MAX	55	66	65	61	48	47	39	40	55	57	48	45	45	45	43	44	51	49	58	57	43	43	43	44	39	32	40	35	35	36	35	46.5
	MIN	32	44	34	47	30	30	29	19	34	43	28	40	37	38	28	24	42	39	32	39	31	34	38	36	25	27	21	27	24	24	24	32.3
VIENNA	MAX	58	68	65	64	52	47	39	41	56	59	51	50	49	44	54	49	55	49	57	54	45	48	48	46	38	33	38	36	34	35	34	48.3
	MIN	34	45	35	43	27	31	30	19	24	39	30	44	38	32	33	26	44	29	33	41	31	35	39	36	24	30	18	25	22	21	22	31.6
* * *																																	
LOWER SOUTHERN 03																																	
CHARLOTTE HALL 2 SE	MAX	58	72	64	65	50	42	43	44	60	60	51	51	43	45	44	47	55	51	60	64	44	43	43	43	38	36	40	35	34	36	35	48.3
	MIN	28	43	35	44	24	30	26	15	27	36	27	39	38	32	28	25	40	37	32	31	30	35	38	32	32	21	18	13	17	12	21	29.2
LA PLATA 1 W	MAX	56	74	63	63	49	47	39	52	60	60	53	46	42	47	45	45	57	53	64	60	44	42	43	45	37	34	41	38	37	38	34	48.6
	MIN	29	46	33	40	24	29	27	17	32	34	28	39	38	30	23	24	41	32	31	41	29	36	38	31	21	25	15	16	13	16	23	29.1
LEONARDTOWN 3 NW	MAX	57	73	66	64	48	42	40	44	61	61	54	49	47	46	46	46	57	59	60	58	45	43	45	45	36	33	40	37	35	37	35	48.7
	MIN	29	42	33	48	24	31	27	15	31	35	28	41	28	26	26	24	41	35	40	42	28	37	39	34	19	26	25	24	19	16	17	30.0
OWINGS FERRY LANDING	MAX	54	71	66	62	45	45	36	40	58	57	50	42	42	44	44	45	54	54	62	60	43	41	41	41	36	32	39	36	36	37	32	46.6
	MIN	31	42	36	44	26	27	26	18	30	42	27	36	36	34	31	22	39	39	31	39	31	33	35	33	22	23	16	22	17	18	22	29.9
PRINCE FREDERICK 1 N	MAX	53	72	65	63	48	46	39	40	58	61	47	45	43	46	44	45	53	51	59	58	44	43	43	43	39	40	41	37	35	37	33	47.5
	MIN	33	43	30	46	24	30	26	16	33	36	27	39	37	31	26	22	41	36	30	33	29	35	37	33	20	20	17	22	16	16	22	29.2
SOLDMANS	MAX	59	63	60	61	48	44	38	43	58	59	49	47	42	42	41	43	51	48	56	54	48	44	44	43	43	35	38	33	31	34	33	46.2
	MIN	38	47	41	48	31	31	29	28	35	45	36	41	39	35	34	32	41	39	39	42	34	37	40	39	27	26	21	26	22	23	27	34.6
WALDORF POLICE BRKS	MAX																																
	MIN																																
* * *																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS	MAX	58	69	65	63	49	46	38	40	56	57	51	42	43	44	45	45	51	50	60	57	48	42	42	42	40	41	40	36	38	36	36	47.4
	MIN	37	45	39	45	28	24	23	23	35	34	33	38	38	35	36	32	30	38	40	35	33	34	33	34	30	18	20	24	24	28	26	32.0
BALTIMORE WSO	MAX	53	72	66	64	48	46	40	42	55	56	44	43	46	46	45	49	52	50	60	51	39	41	38	39	34	32	38	35	35	36	31	46.0
	MIN	35	45	40	39	28	30	23	20	29	35	32	39	37	35	30	29	43	36	35	34	33	36	35	27	22	20	17	21	17	18	23	30.4
BELTSVILLE	MAX	61	52	69	64	58	46	35	37	39	37	54	45	40	44	44	43	48	50	48	59	48	38	39	39	40	36	31	38	35	34	35	45.4
	MIN	29	32	30	34	22	25	27	15	20	34	25	35	35	35	26	21	30	35	27	36	28	32	33	34	20	20	16	23	17	17	20	26.9
BELTSVILLE PLANT STA 5	MAX	62	52	69	62	58	46	35	37	40	56	54	46	40	44	44	43	48	51	49	60	48	38	40	39	41	36	32	38	35	34	36	45.6
	MIN	30	39	31	39	24	29	27	16	26	36	27	38	36	38	25	22	32	35	29	36	29	33	35	35	22	26	16	23	13	18	20	28.5
COLLEGE PARK	MAX	59	71	68	61	47	45	37	39	57	58	50	43	45	45	44	41	51	49	61	48	46	39	40	41	40	33	39	36	35	36	32	46.3
	MIN	33	43	32	44	25	28	28	18	34	38	27	38	36	38	29	24	38	36	30	39	31	32	34	34	22	25	19	25	17	22	25	30.5
DALECARLIA RESVR D C	MAX	61	72	68																													

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER
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Continued

Station	Day of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																	
NATIONAL ARBORETUM D C	MAX MIN	59 32	72 46	65 35	62 45	47 31	45 30	38 28	40 20	58 33	58 40	50 30	50 30	50 28	45 38	44 31	44 25	53 41	49 36	58 32	61 40	47 32	48 32	42 36	42 34	40 23	40 22	41 19	40 19	35 13	36 13	36 18	48.2 30.1
SUITLAND	MAX MIN	62 32	53 33	70 38	64 40	58 27	48 26	34 23	37 19	39 24	57 36	55 31	47 35	41 36	41 35	44 31	43 31	48 32	52 36	48 35	61 39	48 33	48 32	41 34	41 35	40 22	35 24	30 17	38 21	34 15	34 19	35 22	45.7 29.5
U. S. SOLDIERS HOME DC	MAX MIN																																
UPPER MARLBORO 3 NW	MAX MIN	62 28	53 33	72 30	67 35	58 26	45 32	36 28	38 15	38 21	58 38	57 25	47 35	41 37	42 35	45 24	44 20	50 28	42 28	53 35	61 33	48 27	38 33	41 35	40 34	42 20	36 26	33 16	40 24	36 17	35 19	37 22	46.3 27.7
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	54 32	68 47	65 33	54 42	47 25	43 19	38 27	40 17	52 27	55 41	52 38	48 25	45 36	45 37	42 28	45 23	50 40	52 40	50 29	58 33	38 28	40 32	40 36	43 28	35 23	32 22	38 19	35 27	33 24	35 22	34 25	45.4 30.2
CHESTERTOWN	MAX MIN	52 34	67 41	64 46	61 37	44 32	44 29	38 25	39 19	53 31	55 34	43 28	42 36	42 35	43 30	44 26	48 24	54 39	48 32	55 32	50 31	38 29	40 31	41 32	40 28	36 23	32 22	37 19	35 23	34 21	35 19	34 23	44.8 28.7
COLEMAN 3 WNW	MAX MIN	53 34	66 45	63 42	60 44	47 29	44 28	37 28	38 20	57 29	54 41	46 30	42 37	41 35	42 37	42 28	43 33	47 38	47 38	51 32	52 39	39 31	40 37	40 33	39 33	36 25	33 27	36 20	35 25	34 22	34 20	34 24	44.4 31.7
EASTERN NECK ISLAND	MAX MIN	55 35	65 45	64 40	59 33	49 29	43 17	39 32	59 23	51 26	53 42	48 31	44 38	42 36	45 38	41 33	45 30	50 41	49 40	49 34	58 40	44 32	41 31	41 43	43 28	36 25	33 26	39 22	36 27	34 26	34 26	34 26	45.3 32.1
MILLINGTON	MAX MIN	55 27	67 41	65 30	62 43	43 20	43 26	37 22	37 12	53 23	55 33	45 24	42 35	42 32	44 33	35 24	45 21	49 37	48 36	52 26	55 34	39 22	41 30	38 30	40 30	35 20	33 25	36 16	35 22	34 17	35 13	35 15	44.4 26.4
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	53 32	69 41	62 35	59 45			37 26	38 16	49 31	54 38	46 27				43 35	43 29	41 39	50 33				37 32	38 31	38 31				34 23	33 19	34 15	34 20	
BALTIMORE CITY WSO	MAX MIN	52 41	74 48	64 46	62 37	46 32	45 29	40 29	40 26	54 34	55 42	42 36	42 36	46 38	46 38	45 34	46 32	51 40	50 40	60 40	50 39	39 32	42 33	39 35	42 31	38 29	34 22	38 21	37 23	35 22	38 23	33 26	46.0 33.4
BENSON POLICE BARRACKS	MAX MIN	55 31	70 38	69 35	58 42	46 24	44 24	35 24	38 15	48 25	48 37	48 27	47 27	47 36	44 36	44 27	40 22	48 35	48 35	57 30	57 25	45 26	37 30	37 30	38 20	37 20	35 25	37 15	37 25	33 18	34 18	35 21	45.1 27.4
BOYDS 2 NW	MAX MIN	53 34	68 40	61 41	58 40	45 32	37 20	35 19	38 19	47 28	53 38	45 31	41 35	46 33	42 35	41 29	40 26	50 36	45 37	59 26	63 36	46 36	37 34	37 31	38 31	35 21	32 21	36 18	32 21	32 17	33 18	34 21	43.8 29.0
CATOCTIN MOUNTAIN PARK	MAX MIN	45 30	62 40	62 48	54 35	38 24	39 18	29 21	33 17	50 29	47 33	41 30	35 31	40 31	36 30	37 24	33 22	40 32	40 32	57 30	56 34	35 27	33 27	39 30	30 23	30 19	27 16	28 12	25 19	26 14	27 15	29 19	38.8 26.0
CLARKSVILLE 3 NNE	MAX MIN	52 26	67 34	60 29	60 44	48 21	46 27	35 27	38 13	51 21	52 29	44 25	39 35	45 34	43 26	41 26	41 26	49 37	47 36	54 26	60 37	41 36	37 32	38 31	37 32	36 18	31 23	35 15	33 23	32 15	34 19	32 17	43.8 26.5
CONDWINGO DAM	MAX MIN	48 31	63 36	53 33	57 36	43 25	40 27	36 24	37 18	45 26	49 31	40 28	39 35	42 34	45 28	40 27	46 24	47 37	45 29	56 28	47 30	37 26	37 32	38 31	37 25	35 23	33 22	36 16	34 20	33 16	35 19	35 22	42.1 27.1
ELKTON	MAX MIN	51 27	66 36	62 31	61 44	45 22	43 26	38 23	39 12	51 22	50 42	42 35	42 35	42 34	44 34	43 25	43 34	48 38	47 35	52 26	55 36	48 30	40 30	38 39	39 30	38 25	35 25	37 17	34 20	35 14	35 16	36 16	44.5 27.1
EMMITSBURG 2 SE	MAX MIN	50 42	66 32	62 26	55 38	42 20	44 22	36 25	37 12	40 21	51 27	42 23	37 32	45 32	43 32	42 24	34 17	48 31	48 34	60 33	61 37	44 20	35 28	35 28	37 26	34 17	31 18	35 15	32 20	33 11	33 12	31 15	42.7 24.8
FREDERICK WFMD	MAX MIN																																
PARKTON 2 SW	MAX MIN	48 29	67 39	60 38	57 33	42 21	40 22	36 19	36 14	44 25	51 32	38 28	37 33	43 34	41 27	40 23	42 22	47 35	45 30	62 30	47 29	32 25	36 30	34 29	35 23	34 19	31 18	36 13	33 18	31 15	32 15	34 19	41.6 25.4
ROCKVILLE 4 NE	MAX MIN	58 28	69 37	66 27	61 41	44 19	42 23	35 23	39 25	54 25	54 28	48 31	41 35	45 32	44 35	43 27	40 16	49 36	49 32	56 33	60 32	45 30	39 30	39 30	42 20	40 22	38 23	47 15	36 20	34 16	34 10	34 15	45.6 25.9
TOWSON	MAX MIN	56 35	68 43	65 40	60 45	45 26	44 29	37 26	38 21	49 31	53 42	48 33	42 35	45 35	45 37	43 32	40 29	49 37	48 37	55 35	58 38	44 32	39 31	40 32	44 32	36 24	33 24	36 18	35 22	32 19	34 21	33 24	44.8 31.1
UNIONVILLE	MAX MIN	51 25	67 36	61 28	58 41	43 20	43 24	36 20	37 13	42 22	51 28	42 24	35 38	46 34	42 26	41 21	40 15	50 36	49 31	58 27	60 27	44 23	35 31	35 29	37 30	35 18	31 21	35 16	33 22	32 11	33 9	32 16	42.7 24.6
WESTMINSTER 2 SSE	MAX MIN	48 28	65 40	62 35	58 38	42 23	41 22	34 24	37 14	44 25	51 40	40 27	36 33	43 32	39 32	39 27	39 23	45 34	43 33	61 29	54 34	35 24	36 29	34 26	35 27	34 18	29 21	33 11	29 21	29 17	31 16	32 19	41.2 26.5
WHEATON REGIONAL PARK	MAX MIN	59 28	67 37	66 30	60 45	45 25	43 26	35 26	38 16	54 26	53 38	50 27	42 36	44 34	41 27	41 27	40 21	50 37	49 32	52 29	59 35	44 28	36 32	38 33	36 30	34 20	33 23	35 14	35 21	32 14	32 19	32 21	44.4 28.0
WOODSTOCK	MAX MIN																																
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	MAX MIN	51 35	67 44	58 39	58 41	43 25	40 25	34 25	40 19	51 31	51 43	43 33	40 35	45 32	41 34	44 27	44 26	44 35	44 35	65 35	60 38	44 31	49 36	45 36	38 27	35 20	32 20	37 14	31 21	32 15	33 15	32 19	44.2 29.4
CHEWSVILLE BRIDGEPORT	MAX MIN	49 26	68 42	68 28	58 35	42 22	44 20	34 19	39 14	48 28	48 33	44 26	41 35	46 31	43 30	42 27	42 17	49 35	47 32	64 26	60 33	38 28	38 32	38 31	38 28	35 17	32 20	35 13	32 19	32 12	33 18	33 18	43.5 25.4
CUMBERLAND	MAX MIN	56 33	68 33	56 33	56 31	42 22	40 22	31 17	44 20	56 26	54 31	43 35	40 35	43 34	44 28	40 24	39 29	48 32	45 29	63 33	55 29	40 31	37 33	40 28	40 21	40 19	33 16	30 14	31 18	32 18	32 20	31 20	43.6 26.3
CUMBERLAND POLICE BRKS	MAX MIN	60 30	67 40	62 30	55 36	42 30	44 20	32 23	43 17	54 24	55 40	46 29	40 35	44 34	42 30	40 20	40 20	49 31	44 35	61 27	58 27	42 26	41 32	39 27	42 26	33 20	33 17	32 15	32 22	33 18	32 19	31 19	43.8 26.7
FROSTBURG	MAX MIN	47 34	62 37	56 36	56 34	42 26	40 13	23 18	46 14	50 36	48 37	40 30	39 31	42 31	37 29	39 20	29 22	43 38	40 30	56 28	52 32	33 24	49 38	45 33	49 27	33 19	27 16	25 9	20 17	25 12	30 13	25 14	40.3 24.9
HAGERSTOWN	MAX MIN	51 32	68 42	56 36	57 37	41 26	43 15	29 19	39 19	48 30	52 38	43 30	40 32	45 31	43 34	41 27	36 22	45 32	45 35	63 31	59 37	45 27	35 30										

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DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 1970

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	58	50	67	55	45	45	30	33	40	55	49	42	39	45	42	29	37	46	42	63	46	35	35	38	36	36	28	36	31	31	33	41.8
	MIN	26	30	27	35	26	24	28	15	23	40	27	35	33	36	24	18	29	34	25	39	24	32	32	29	20	22	14	24	12	15	19	26.4
PICARDY	MAX	52	68	57	55	41	43	32	42	55	53	43	40	43	42	41	34	43	44	61	58	38	36	38	37	37	32	33	30	30	32	28	42.5
	MIN	31	37	34	35	26	21	24	15	25	41	31	34	34	32	26	28	32	33	27	37	27	31	35	26	29	16	15	21	13	14	16	27.3
WESTERNPORT UPRC	MAX	60	65	61	64	42	45	33	45	53	53	52	40	44	41	42	39	44	43	59	49	38	37	44	34	34	33	34	32	30	30	29	43.6
	MIN	35	35	31	33	31	21	24	19	27	43	33	33	34	32	27	23	29	35	30	28	27	27	31	26	24	28	19	14	15	14	18	27.3
* * *																																	
ALLEGHENY PLATEAU 06																																	
BITTINGER 2 NW	MAX	51	57	52	57	40	33	22	41	44	44	51	52	39	32	35	31	37	33	49	41	30	47	45	44	32	18	22	19	22	21	21	37.5
	MIN	34	40	33	25	22	11	15	11	31	33	29	33	25	22	11	21	29	26	30	28	22	25	33	15	13	5	4	11	5	6	9	21.3
DARLAND 1 SE	MAX	62	60	56	59	42	35	25	43	47	47	54	53	45	35	40	31	38	33	51	46	35	53	49	46	37	26	21	20	23	24	24	40.6
	MIN	29	35	23	28	23	19	15	9	28	36	26	37	28	24	22	24	27	27	25	29	24	30	36	18	13	7	6	15	9	6	4	21.9
SAVAGE RIVER DAM	MAX	58	54	60	61	46	46	24	27	44	51	49	40	43	38	38	35	41	43	51	55	40	33	50	48	31	33	25	28	24	26	25	40.9
	MIN	32	34	29	32	9	19	22	14	19	26	29	34	35	29	26	24	29	31	29	36	25	29	32	10	19	13	11	20	12	13	14	23.7
SINES DEEP CREEK 2	MAX																																
	MIN																																
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	53	65	64	61	48	44	38	38	52	53	47	43	43	44	42	44	48	48	52	52	47	40	39	38	38	34	34	37	37	35	34	45.0
	MIN	30	41	36	47	23	28	24	16	25	35	26	35	34	33	28	27	38	38	29	37	26	31	33	33	25	26	20	23	20	17	20	29.2
NEWARK UNIVERSITY FARM	MAX	54	68	65	60	46	42	37	38	50	53	45	41	41	43	47	41	46	47	53	53	43	39	37	37	37	34	36	35	34	34	36	44.3
	MIN	29	39	35	45	23	28	24	13	24	35	27	35	33	34	27	26	37	39	27	40	28	30	30	31	26	25	19	20	16	15	18	28.3
WILMGTN NCASTLE WSD	MAX	51	67	62	60	41	40	36	37	50	52	42	41	41	43	43	46	47	47	52	47	37	40	38	37	35	34	37	34	33	34	35	43.2
	MIN	33	44	38	32	24	28	19	15	29	34	30	36	35	31	29	31	39	34	33	31	28	32	32	28	28	21	19	22	18	15	19	28.6
WILMGTN PORTER RESVR	MAX	54	65	62	59	41	41	34	36	48	51	40	39	41	42	42	45	45	45	55	46	37	38	37	37	35	30	30	32	31	33	34	42.1
	MIN	37	32	39	37	22	19	19	15	29	32	28	31	30	28	28	26	35	30	28	31	28	28	28	29	25	20	20	20	14	13	12	26.3
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	54	67	65	63	46	45	38	39	54	57	47	47	47	43	42	48	54	48	55	54	43	48	45	45	35	32	35	35	33	33	32	46.1
	MIN	32	44	32	45	27	29	26	16	27	39	26	41	36	35	27	24	42	37	30	38	27	32	38	34	21	26	15	24	17	17	17	29.7
DOVER	MAX	55	66	63	64	48	40	43	38	53	54	49	45	45	43	42	45	50	48	52	56	46	47	45	40	38	33	35	36	33	34	33	45.8
	MIN	35	45	34	48	28	28	26	17	35	43	28	39	35	35	29	30	40	40	31	37	29	31	35	34	25	27	19	25	20	20	23	31.3
GEORGETOWN 5 SW	MAX	59	54	67	64	61	46	36	37	39	54	57	48	48	42	43	43	55	49	54	56	44	45	49	47	40	32	34	35	33	32	33	46.3
	MIN	30	42	28	45	22	22	20	13	27	35	25	32	38	33	25	24	34	36	28	35	26	33	37	36	19	26	9	22	9	13	14	27.0
LEWES 1 SW	MAX	53	64	64	64	47	45	38	40	56	53	48	50	46	46	41	55	56	49	55	53	40	50	48	48	34	38	37	35	34	34	37	47.0
	MIN	40	43	35	45	27	30	24	18	30	38	28	42	37	31	27	33	32	30	29	35	28	37	38	32	23	26	13	23	17	18	18	29.9
MILFORD 2 WSW	MAX	56	68	67	64	49	44	38	38	55	56	47	47	47	44	43	47	53	49	54	55	45	48	45	45	37	33	36	35	34	35	32	46.6
	MIN	31	46	33	48	25	31	25	13	29	40	25	41	36	35	27	25	44	39	28	39	28	32	37	36	19	29	15	24	17	17	17	30.0
SELBYVILLE	MAX																																
	MIN																																

See Reference Notes Following Station Index

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 1970
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																																	
* * *																																	
JUNE 1970																																	
ASSATEAGUE STATE PARK	MAX	74	77	75	81	83	82	85	85	73	76	74	79	80	72	73	72	75	80	82	80	81	79	76	76	80	80	81	74	78	82	78.2	
	MIN	70	59	51	65	70	70	69	56	61	64	62	66	66	63	63	66	60	63	64	65	65	67	64	63	67	67	58	56	56	63.1		
LEONARDTOWN 3 NW	MAX	87	87	87	87	87	86	76	84	86	86	90	94	93	80	78	85	91	92	90	88	88	88	88	89	98	88	82	81	85	95	87.2	
	MIN	57	66	67	62	64	67	53	54	53	56	55	60	64	48	53	65	68	69	62	64	63	63	49	47	69	65	72	51	40	61	59.7	
* * *																																	
AUGUST 1970																																	
POCOMOKE CITY 1 S	MAX	92	93	90	90	89	83	83	85	85	80	82	90	89	88	87	90	87	87	88	87	86	85	85	83	84	85	89	91	81	89	92	86.9
	MIN	71	72	62	71	55		57	56			64	57	64	65	67	72	65	65	66	71	52	65	64	56	56	58	63	65	65	73	63.6	

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
FEBRUARY 1970	CLIMATOLOGICAL DATA	APPALACHIAN MOUNTAIN 07	FROSTBURG	TOTAL PRECIPITATION 1.81, DEPARTURE FROM NORMAL -.69, GREATEST DAY OF PRECIPITATION .41 ON THE 9TH
FEBRUARY 1970	CLIMATOLOGICAL DATA	APPALACHIAN MOUNTAIN 07	DIVISION	AVERAGE PRECIPITATION 2.07, DEPARTURE FROM NORMAL -.17
FEBRUARY 1970	DAILY PRECIPITATION	APPALACHIAN MOUNTAIN 07	FROSTBURG	TOTAL PRECIPITATION 1.81, AMOUNT ON 9TH .41.

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 34, Symons Hall, University of Maryland, College Park, Maryland 20740, or to any Weather Service 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 Service Offices 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 Service-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. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized 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 "Monthly Summarized 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.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
- 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.

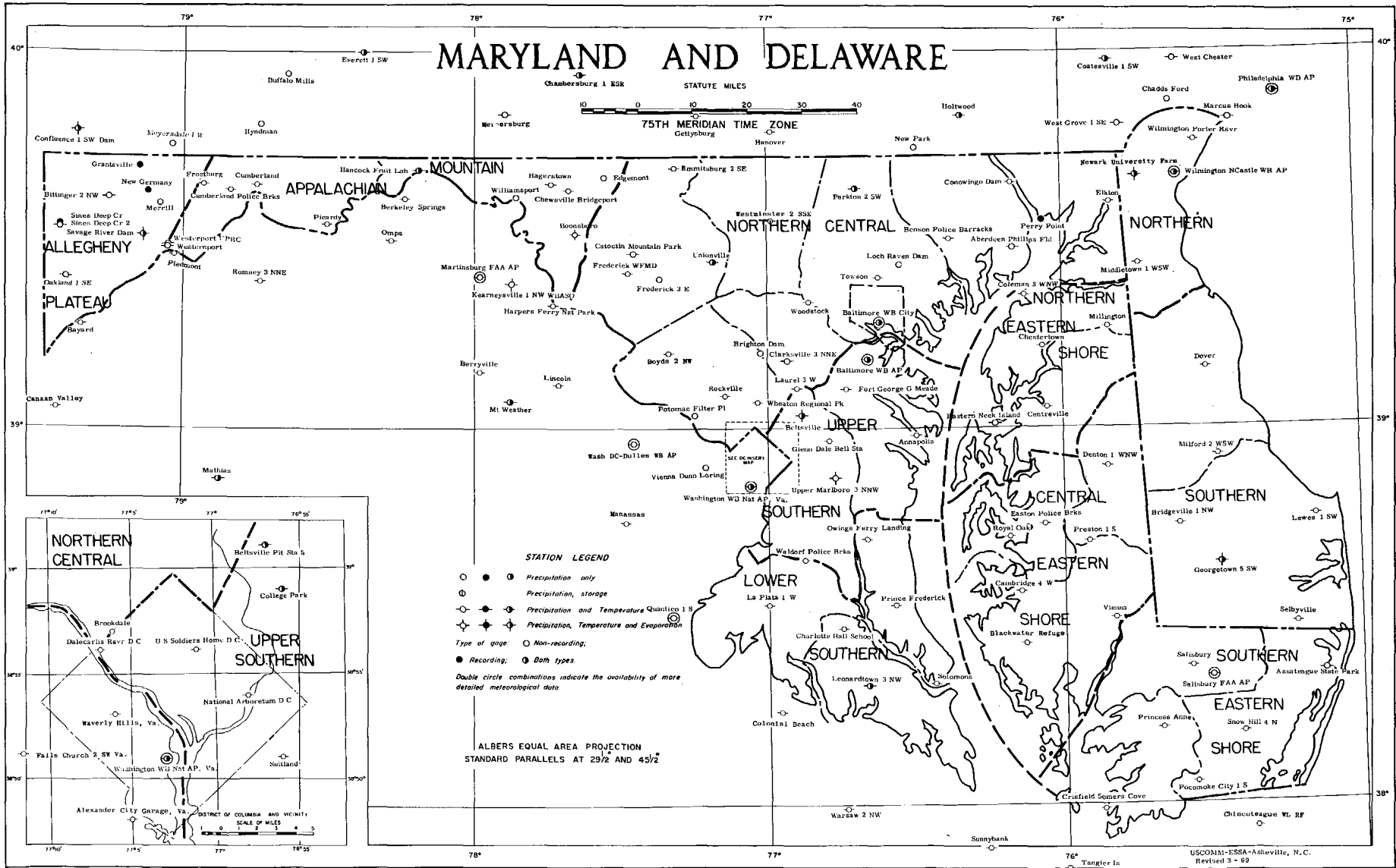
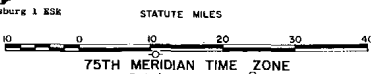
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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 this State, price 25 cents. Similar information for regular National Weather Service Offices 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.

MARYLAND AND DELAWARE



- STATION LEGEND**
- ● ● Precipitation only
 - ⊙ Precipitation, storage
 - ⊙ ◆ Precipitation and Temperature Quantico 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 1/2 AND 45 1/2

