

MARCH 1980

VOLUME 84

NUMBER 3

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	CUMBERLAND 2	MD.	75	DATE 08
LOWEST TEMPERATURE:	MC HENRY 2 NW	MD.	-5	DATE 02
GREATEST TOTAL PRECIPITATION:	CATOCTIN MOUNTAIN PARK	MD.	D 7.39	
LEAST TOTAL PRECIPITATION:	HANCOCK FRUIT LAB	MD.	3.83	
GREATEST 1 DAY PRECIPITATION:	PATUXENT RIVER	MD.	2.66	DATE 13
GREATEST TOTAL SNOWFALL:	OAKLAND 1 SE	MD.	21.0	
GREATEST DEPTH OF SNOW OR ICE:	MC HENRY 2 NW	MD.	12	DATE 15+

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	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													
							01	07	13	19										
BALTIMORE WSO AP MD	30	3.4	11.6	41	W	14	66	68	51	57	2	5	7	3	1	0	18	58	7.0	
WILMINGTON WSO AP DEL	31	3.7	12.6	39++	32	18	64	65	50	58	2	4	7	3	2	0	18	-	6.9	

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
MARCH 1980

STATION	TEMPERATURE													PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS						TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
MARCH 1980

STATION	TEMPERATURE														PRECIPITATION													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS						TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS				
											MAX.	MIN.	30° OR ABOVE	32° OR BELOW	34° OR BELOW	36° OR BELOW					38° OR BELOW	40° OR BELOW	TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE
HANCOCK FRUIT LAB DIVISION ALLEGHENY PLATEAU 08 MC HENRY 2 NW OAKLAND 1 SE SAVAGE RIVER DAM DIVISION	47.8 28.1 38.0 37.9 - 3.2 74 9 7 1 832 0 0 4 17 0 3.83 .34 .88 14 9.7 7 14 10 3 0	21.3M 23.8 23.6 31.0M 35.3 34.1 33.5 - 1.9	31.0M 35.3 34.1 33.5 - 1.9	- .7 64 65 67 - .7 64 65 67 - 1.9	9 																							

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DAILY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1980

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	3.92										.01			.31	.34				.02			.84	.03			.80				.71	T	.50	
CRISFIELD SOMERS COVE	4.27	.03	.25		.03									.38	.52			.05	.32			1.11			.01	.32				1.15		.10	
PRINCESS ANNE					.02									.42	.78			.06	.53			1.05	.06	.01	T	.48				1.21	.02	.17	
SALISBURY	7.14	.04	1.32		.02									.71	1.06			.04	.78			.96	.06	.01	T	.68				1.14		.32	
SALISBURY FAA AP	6.23		.30	.33		.12								1.42	.01			.07	.59			1.25	.04	.15	.31			.32	.99	.03		.30	
SNOW HILL 4 N	5.77	.01	.42		.01			T		T				.42	1.15			.01	.40		T	1.28	.02	.01	T	.46			1.37			.21	
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL	6.00	.04	.30		.12						.06			.45	.75			.10	.83			.89	.50		.01	.50			1.05		.40		
DENTON 1 S	4.88	T	.40		.18						.33			.52	.57			.11	.36			.67	.12		T	.83				.53		.26	
ROYAL OAK 2 SSW	5.67	.05	.45		.11						.44			.76	.51			.09	.27			.78	.03			.63			.95		.60		
VIENNA					.50						.08			.48	1.02			.06				.75	.11			.80			1.00		.26		
LOWER SOUTHERN 03																																	
LA PLATA 1 W	4.74	.11	.32		.09						.26			.94	.09			.10	.13			1.09	T		.14	.39			.27	*	*	.81	
MECHANICSVILLE 1 SE	5.59		.80		.15			.03			.10			.85	.31			.11				.92			.06	.55			.05	1.21		.45	
ONINGO FERRY LANDING		.64	.13								.39										T			.13							.56		
PATUXENT RIVER	7.00	.58	.10		T	.03				.03	.39			2.66	.02			.38	.26		.63	T	.63	T		.05		.53	.83	.13		.35	
SOLDONDS					.03						.07			1.76								.61	T		.04	.62				1.50			
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	6.02	.09	.76		.14	.10		T	.05					.53	.78			.09	.23			.89				.47			1.16		.73		
BALTIMORE WSO AP	5.46	.26	.15		.20			.13		.01				1.58	.05			.08	.12			.70	T		.22	.01		.33	.61	.04		.97	
BELTSVILLE					.20				.07	.01				.04	1.46				.23			.84	.43		T	.22			1.10	.01	.65		
COLLEGE PARK	5.52		.30		.23	.05				T				.02	1.43				.16			.83	.43		T	.23			1.14	.03	.61		
DALECARLIA RESVR D C	4.78	.50	.16		.30				.04					.08	.74			.08	.01			1.02			.15			.05	1.10		.95		
GLENN DALE BELL STA	4.86	.08	.30		.18				.12	T				.05	.95			.10	.15			1.02			T	.18			1.03		.70		
LAUREL 3 W	5.60	.20			.27			.11		T				1.13	.06			.18	.04			1.39			.29	T		.58	.56	.04	.75		
NATIONAL ARBORETUM D C																																	
UPPER MARLBORO 3 NNM	4.42		.37		.08	T								T	1.24				.18			.60	.26			.32			1.00	.04	.33		
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	4.99	T	.24		.08			T	*	*	.06			.66	.34			.13	.14			.93	.02	*	.66			*	1.02	*	.71		
CHESTERDOWN	5.09	.07	.17		.15				.12	T		.05	.01	.90	.09			.18	.18			.89	.01		.56	.05		.40	.47	.01	.78		
MILLINGTON																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	5.82	*	.09		.22			T	*	.07		.19		.37	.92			.24	.15			.89			T	.47			*	*	2.21		
BALTIMORE WSO CI	5.96	.10	.08		.18				.18					1.48	.05			.22	.13			1.11			.31			.31	.70	.05	1.06		
BENSON POLICE BARRACKS			.14		.15			T	.05	.17		.19		.37				.10	.26			1.94			T	.35			1.30		1.06		
BOYDS 2 NW			.42						.22					.33	.70			.33				1.62							1.20		.72		
BRIGHTON DAM	6.73	.20	.11		.18				.57					1.78	.06			.20	.13		T	1.18			.17			.74	.38	.03	1.00		
CATOCTIN MOUNTAIN PARK	7.39		.41		.43				.05					.20	1.27			.53	.19			2.15		T	.04	.25			.10	1.08	.01	.68	
CLARKSVILLE 3 NNE	6.36	T	.13		.17				.02	.28		.02		.48	.39			.25	.21			1.27	T		T	.17			T	1.02		.95	
CONOWINGO DAM		.200	.10						.27		.18			1.23	.35			.25	.21			1.49	.07		.38	.02			.65	.02	1.48		
DAMASCUS 2 SW	6.55	.06	.18		.24			T	.02	.06		.06		.94	.43			.38	.17			1.69	T	.02	.09			.13	1.05	T	1.04		
EMMITSBURG 2 SE	6.90	T	.27		.10				.02		.15			.20	1.50			.35	.18			2.15	T	.05	.11			.05	1.17		.60		
FREDRICK POLICE BRKS	5.13	T	.40		.05				.04	.07		.14		.20	.03	T		.33	.15			1.82		.73	.03	.08			T	1.22		.57	
FREDRICK 3 E	5.65		.27		.22				.05	.18		.15		1.10	.50			.12				.90				.12			1.09	T	.34		
PARKTON 2 SW	7.09		.16	.05	.14				.20			.15		1.63	.36			.37	.12		T	1.86	T	T	.16	.02		.29	.55	.02	1.01		
POTOMAC FILTER PLANT	5.29	.20	.05		.16				.05		T			1.55	.02			.13	.02			.96			.20				.42	.10	.73		
ROCKVILLE 3 NE	6.14	.01	.17		.28				.22		.05			.43	1.41			.11	.17			1.25	.02	.03	.20			.05	1.08	T	.66		
TOWSON			.13		.18						.10			.12	1.40															1.34		.44	
UNIONVILLE	5.62	T	.09		.15				.07	.22		.13		.56	.70			.29	.04			1.73		.02	.07			.09	.84	T	.62		
WESTMINSTER POLICE BRK	5.02		.15		T				T	.10				.09	.85			.31				1.60		T	T	.07				1.05		.87	
WOODSTOCK	6.33	T	.20		.12				.04	.12		.05		.96	.88			.28	.22			1.18		T	T	.22		.04	.90	T	1.12		
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	4.03		.12		.02	.06			.23	.06		T		.17	.65			.40				.30	.42			.15			.93	T	.52		
EDGEMONT	5.66	.01	.20		.13	.02			.01		.25	T		.02	1.34	.03		.44				.75	.93			.26			1.13	.03	.09		
FROSTBURG 2	5.41	T	.07	T		.04	.14		.29	.12	T	.07	.02	.23	.90	.08		.52			T	.52		T	T	.34	T	T	.98	.01	.82		
HAGERSTOWN	4.88	T	.18		.20				T					.72	.40			.33	.05			1.10				.14		.05	.98		.68		
HANCOCK FRUIT LAB	3.83		.15		.17	.02			.01					.10	.88							.34	.31			.16			.50		.75		
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW		.15	.12		.33	.25			.33	.16		.09	T	.15	.76	.07		T	.75			.08								.68	T	.43	
MERRILL 1 SE	4.48		.15		.12	.13			*	.26		.13		.30	.47			.20	.39			.17	.24			.27			1.15		.50		
OKALAKA 1 SE	5.29	.02	.04		.40	.11			.37	.08		.08		.74	.36			.25	.20			.42	.02		.10			.25	.72		.94		
SAVAGE RIVER DAM	3.91	T	.12		.12	T			.29	.03		T		.27	.50	T		.47				.22	.22	T	T				.90	T	.65		

DAILY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1980

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	4.94		.10			.09						.02		.47	.78							.95					.70				.99		.65
NEWARK UNIVERSITY FARM	5.89		.12			.17					.04	.21		.28	.87							.87	T	T	.02	.61				1.13	.99		
WILMINGTON WSO AP	6.22	.10	.07			.14			T	.27		.24		1.34	.09							.85	.01		.63	.07				.18	.84	T	1.11
WILMINGTON PORTER RESVR	7.30	.08	.02			.15			T	.23		.56		.78	.29							1.28	T		.73	.12				.02	1.15	T	1.51
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	6.09	T	.35			.07			T			T	.19	.80	.79							.65		.04	.03	T	.73				1.10	.48	
DOVER	6.32		.40			.10			T	T		.24		.24	1.61							.60	.06	.02	T	.90				1.00	.25	.65	
GEORGETOWN 5 SW	7.20	.01	.40				.01					.15		.01	2.00							.66	.25	.05		1.30				.90	.24	.35	
LEWES 1 SW	6.68	.26	.01									.09	.02	1.20								1.11	.05		.46	.59			.35	1.08		.49	
WILFORD 2 NSW	6.72	T	.33			.08						.26		.44	1.43							.67	.21	.05	T	.60				1.11		.51	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
MARCH 1980

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	25 13	22 13	34 14	46 20	46 33	46 35	54 30	60 41	54 39	48 33	50 39	42 30	52 34	48 34	53 33	53 30	56 41	52 42	50 33	54 40	56 45	51 36	55 33	47 37	53 42	48 35	50 35	46 35	54 43	56 44	47 38	48.6 33.9
CRISFIELD SOMERS COVE	MAX MIN	28 13	20 10	35 17	45 22	47 30	47 32	56 29	58 48	55 45	58 35	54 34	43 30	49 30	50 29	52 30	55 31	58 42	57 42	50 37	57 40	65 45	59 39	54 35	52 40	54 40	52 38	52 37	58 38	58 36	62 47	53 46	51.4 34.0
PRINCESS ANNE	MAX MIN	26 14	26 10	34 12	49 9	51 41	51 38	60 30	67 53	61 47	60 27	57 36	44 26	47 31	49 35	53 34	53 26	62 43	62 41	55 26	61 37	66 53	62 37	55 40	54 33	54 44	50 35	56 33	54 32	56 32	62 45	50 45	53.1 33.7
SALISBURY	MAX MIN	25 12	25 13	32 15	47 16	49 40	48 38	50 32	59 45	51 34	50 35	63 40	40 30	46 29	47 35	52 33	52 30	60 44	59 40	54 31	61 38	62 53	55 37	53 40	54 36	50 43	49 34	55 34	52 35	53 45	59 46	52 44	50.5 34.4
SALISBURY FAA AP	MAX MIN	18 13	23 15	33 15	49 9	54 43	50 33	62 33	67 56	57 35	60 28	55 26	40 30	51 33	47 35	54 35	62 29	61 44	56 30	63 40	66 48	42 36	57 34	54 36	55 44	51 39	56 37	52 36	55 44	60 47	50 44	52.1 33.7	
SNOW HILL 4 N	MAX MIN	27 13	20 13	32 13	47 10	54 37	53 38	63 29	68 48	62 48	58 27	54 34	42 27	45 31	52 35	53 32	53 27	59 41	59 42	54 29	59 37	64 51	63 35	56 32	55 33	53 45	51 34	55 31	51 32	55 44	59 45	50 45	52.5 33.5
* * *																																	
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL	MAX MIN	27 11	19 12	35 15	50 17	50 37	50 36	58 26	64 46	64 44	60 33	58 36	43 29	43 28	46 33	53 34	57 29	59 38	59 34	54 37	60 35	65 53	55 35	57 33	55 36	53 44	53 37	57 37	55 36	57 43	59 46	60 43	52.7 34.0
DENTON 1 S	MAX MIN	25 10	25 11	37 13	50 9	51 34	50 35	62 29	65 51	62 43	62 28	55 38	42 25	40 29	41 32	54 32	59 27	61 40	61 41	56 25	62 37	66 49	50 35	59 30	56 33	51 43	52 32	60 30	53 31	54 43	55 45	58 41	52.8 32.3
ROYAL OAK 2 SSW	MAX MIN	23 13	21 13	36 16	49 18	52 38	50 36	60 33	64 49	62 45	59 32	56 34	41 29	42 29	45 33	53 34	56 29	59 43	59 42	52 30	60 42	65 48	48 37	57 34	52 36	54 44	52 36	56 37	50 36	58 44	62 47	56 44	51.9 34.9
VIENNA	MAX MIN					34		32	38	32	34	34	28	31	33	29	28	40	32	39	43		36	34	34	39		38	34	36	36	36	34.6
* * *																																	
LOWER SOUTHERN 03																																	
LA PLATA 1 W	MAX MIN	21 12	22 13	38 11	56 11	58 37	51 37	68 35	71 56	66 45	64 25	52 35	40 26	35 28	48 25	58 26	61 27	64 42	63 42	58 27	65 42	70 45	45 36	60 30	53 35	56 38	54 31	60 28	51 36	59 44	62 47	54.3 32.5	
MECHANICSVILLE 1 SE	MAX MIN	30 13	20 12	35 13	54 12	54 30	54 37	65 31	70 54	69 46	63 28	59 34	45 27	37 16	48 33	56 31	60 27	63 40	63 43	57 27	64 40	70 43	58 23	59 30	56 35	55 43	54 33	57 30	55 35	59 44	62 48	58 44	55.1 32.3
OWINGS FERRY LANDING	MAX MIN	32 24	29 21	26 17	30 19	35 24	39 29	42 31	54 33	61 41	70 42	61 42	54 40	40 30	48 33	54 36	62 41	54 37	54 39	59 39	54 41	56 39	58 37	54 39	56 37	58 43	54 41	59 39	61 42	63 45	65 49	58 45	51.7 36.0
PATUXENT RIVER	MAX MIN	19 13	25 15	36 17	51 20	56 41	48 32	67 35	70 52	60 36	56 35	49 30	40 30	42 30	49 33	56 33	53 30	61 42	59 40	51 32	63 41	67 43	45 33	54 33	52 40	54 41	49 34	56 33	49 38	56 46	61 46	47 40	51.6 34.3
SOLOMONS	MAX MIN				29 18	54 36	54 38	50 35			66 34	52 37			47 30		56 27			58 33	52 42		68 33			48 43	55 35	52 34					57 40
* * *																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	MAX MIN	26 12	24 13	39 16	46 16	57 37	56 37	57 35	69 46	67 44	55 30	53 34	46 26	36 27	46 31	55 33	53 29	52 45	54 42	53 28	57 39	62 49	51 36	56 30	55 37	56 43	53 33	56 33	56 39	55 43	58 45	67 42	52.5 33.9
BALTIMORE WSO AP	MAX MIN	17 11	23 13	38 15	50 13	57 37	49 34	61 32	70 47	54 34	60 28	49 32	39 27	38 28	44 32	52 29	55 27	57 40	58 37	57 30	63 35	61 39	44 37	59 32	50 35	55 40	50 32	57 33	53 35	54 45	60 42	46 38	51.0 31.9
BELTSVILLE	MAX MIN	24 10	17 11	22 12	33 10	50 36	55 34	47 33	62 33	68 41	52 26	62 31	41 25	37 26	37 25	43 33	50 26	57 30	64 41	51 27	57 34	64 47	64 35	43 29	57 41	51 31	54 29	58 41	50 33	54 40	54 42	58 40	49.4 30.3
COLLEGE PARK	MAX MIN	27 11	17 12	24 13	38 12	50 37	56 36	49 36	63 48	69 43	53 28	62 31	42 26	39 26	37 28	43 33	53 27	58 41	64 41	52 30	57 38	65 54	65 36	53 32	58 35	55 44	50 33	59 31	51 36	51 44	53 44	60 43	50.5 33.2
DALECARLIA RESVR D C	MAX MIN	24 11	28 11	39 13	51 14	61 36	63 36	65 35	72 35	71 42	64 29	59 32	43 26	38 27	44 26	53 33	61 27	63 44	64 41	58 29	66 41	64 47	54 32	57 30	55 36	53 44	50 33	59 29	57 28	60 44	60 44	57 42	55.3 32.0
GLENN DALE BELL STA	MAX MIN	26 10	24 12	38 9	50 8	59 34	58 35	64 29	70 48	61 42	51 25	56 33	42 25	35 26	44 30	54 32	57 22	58 38	63 42	57 24	65 31	64 52	53 35	59 27	57 32	55 43	53 27	59 24	56 32	55 39	59 40	54.1 30.0	
LAUREL 3 W	MAX MIN	21 8		37 10	49 15	55 39	48 34	60 34	68 50	55 38	61 29		32	36 31	44 34	52 37	56 35	62 43	60 39	56 34	62 37	62 37	43 34	57 34	50 41	55 38	52 36	50 41	50 39	54 43	59 44	52.4 34.5	
NATIONAL ARBORETUM D C	MAX MIN																																
UPPER MARLBORO 3 NNW	MAX MIN	26 11	18 11	22 10	37 6	52 18	58 35	49 33	67 39	70 43	54 25	61 34	43 26	39 27	38 27	45 33	55 24	58 33	64 41	53 26	57 36	65 44	66 36	44 30	58 32	52 39	55 32	51 28	57 33	50 39	56 43	60 42	51.0 30.2
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	26 12	23 11	38 14	47 9	54 31	57 30	60 27	63 26	66 29	60 34	55 29	42 26	35 31	43 30	51 28	58 44	59 44	61 29	58 36	62 37	68 51	51 40	57 36	51 36	52 34	49 34	56 31	53 30	56 34	57 40	50 40	52.2 31.1
CHESTERTOWN	MAX MIN	18 10	24 12	37 13	46 17	52 36	47 34	58 32	66 49	52 35	59 29	50 33	39 26	37 27	42 32	50 32	56 29	61 41	58 39	54 34	61 36	66 38	44 33	56 32	49 36	51 42	47 34	57 36	52 34	55 45	60 42	46 37	50.0 32.4
MILLINGTON	MAX MIN																																

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DAILY TEMPERATURES

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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	31	
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	19	24	36	47	52	51	56	67	65	59	50	38	35	41	48	50	58	61	54	61	66	50	56	49	48	46	57	56	51	57	49	50.2
	MIN	8	12	12	14	33	33	30	48	41	28	32	24	26	32	32	29	37	41	30	33	49	35	30	33	42	33	34	31	42	39	22	31.1
NEWARK UNIVERSITY FARM	MAX	23	26	37	50	50	51	51	65	65	57	53	39	35	41	48	50	57	60	56	61	60	52	55	55	48	48	58	57	52	58	56	50.8
	MIN	7	11	13	15	34	32	29	42	40	26	30	22	24	32	29	26	36	40	28	32	50	35	32	32	41	31	32	31	42	44	39	30.9
WILMINGTON WSO AP	MAX	22	26	37	51	53	48	53	66	51	57	46	37	36	41	48	47	61	60	56	59	61	42	56	49	47	49	57	51	53	61	48	49.3
	MIN	6	10	11	17	36	30	30	45	32	28	29	22	26	33	31	29	38	34	30	35	36	33	33	35	39	31	33	35	43	48	34	30.7
WILMINGTON PORTER RESVR	MAX	20	25	36	47	49	48	51	64	49	55	46	36	35	39	45	47	58	58	58	58	60	40	54	49	46	46	55	50	50	56	48	47.7
	MIN	8	12	13	23	37	33	33	46	33	30	31	22	26	30	32	28	38	36	32	36	38	13	33	35	38	35	35	35	41	46	35	31.1
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	22	21	34	47	51	51	60	66	64	61	54	43	44	45	52	55	60	62	55	62	65	49	58	55	50	50	57	53	54	59	52	52.0
	MIN	10	12	13	11	35	37	30	50	45	29	35	27	30	33	32	30	40	42	27	36	49	35	31	35	44	33	33	32	43	44	42	33.1
DOVER	MAX	25	23	36	49	53	50	61	65	67	61	54	51	39	44	48	51	61	62	56	63	65	59	56	56	47	49	57	56	50	58	57	52.5
	MIN	9	12	12	16		37	32	48	43	29	34	26	29	33	27	31	38	42	29	37	51	33	31	33	42	34	35	32	42	45	40	32.7
GEORGETOWN 5 SW	MAX	25	19	23	33	47	53	49	62	67	53	59	40	37	49	46	53	57	62	51	56	61	65	48	65	54	49	49	55	52	53	59	50.0
	MIN	10	13	12	10	29	35	32	49	41	26	37	27	29	30	33	29	36	43	26	39	47	30	31	33	43	33	33	30	41	44	42	32.0
LEWES 1 SW	MAX	20	26	36	54	55	51	65	68	58	62	54	37	48	47	52	45	59	60	52	62	64	44	53	51	52	48	54	48	50	54	45	50.8
	MIN	11	16	16	15	34	34	32	49	40	32	33	25	31	35	32	30	40	37	28	40	44	34	31	34	42	33	35	31	44	43	40	32.9
MILFORD 2 WSW	MAX	22	22	33	45	52	51	60	67	65	60	55	39	40	44	50	53	60	60	55	62	64	61	55	55	49	49	55	50	50		57	51.3
	MIN	9	12	11	12	32	35	32	49	45	29	36	25	30	33	33	29	38	42	26	38	53	35	30	32	43	32	32	30	42		41	32.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MARYLAND AND DELAWARE
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SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
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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
FROSTBURG 2	SNOWFALL SN ON GND	T 5	2.0 7	T 5	T 3	T 2	.2 1	T T			T T	.2 T	.8 T	3.0 3	6.0 9	1.0 8	6 4	4 2	.2 T	T 1	1 T	T T	2.6 2	T T	T T	T T	T T					
HANCOCK FRUIT LAB	SNOWFALL SN ON GND		2.0 2	1 T	T									1.1 1	6.6 7	5 2	T															
* * * ALLEGHENY PLATEAU 08																																
MC HENRY 2 NW	SNOWFALL SN ON GND	2.0 7	2.0 8	7 T	6 T	2 T	T T	T T			T T	T T	3.0 3	10.0 12	1.0 12	8 3	3 T	1.0 T	T T	T T			- T	- T	- T	- T	- T					
OAKLAND 1 SE	SNOWFALL SN ON GND	2.0 5	5.0 4	3 T	2 T	T T	1.0 T				T T		4.0 3	6.0 5	3 T	1 T	1.0 T	T T				1.0 T	1.0 T									

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SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
MARCH 1980

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DELAWARE																																
* * *																																
NORTHERN	01																															
MIDDLETOWN 1 WSW	SNOWFALL		4.0											T																		
	SN ON GND		4	3										T																		
NEWARK UNIVERSITY FARM	SNOWFALL		2.0											2.0	T																	
	SN ON GND	T	2	T										2																		
WILMINGTON WSO AP	SNOWFALL	1.8	1.5											.9	.5							T	T									.4
	SN ON GND	T	3	2	T									T	T																	
	WTR EQUIV		.3																													
WILMINGTON PORTER RESVR	SNOWFALL	1.5	.5																													
	SN ON GND	1	T																													
* * *																																
SOUTHERN	02																															
BRIDGEVILLE 1 NW	SNOWFALL	T	4.5											T																		
	SN ON GND	1	5	4	2	T																										
DOVER	SNOWFALL		6.0											T																		
	SN ON GND	T	4	1	T																											
GEORGETOWN 5 SW	SNOWFALL		5.0																													
	SN ON GND		5	5	3	1																										
LEWES 1 SW	SNOWFALL	3.4	T											T																		
	SN ON GND	3	3	1	T	T	T																									
MILFORD 2 WSW	SNOWFALL	T	5.5											T	T								T									
	SN ON GND	1	7	4	1	T																										

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STATION INDEX

MARYLAND AND DELAWARE
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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARFORD		39 28	76 10	57	4P	4P		C	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL		38 59	76 30	25	5P	5P		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	0335	01	WORCESTER		38 14	75 08	7	5P	5P		H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL		39 11	76 40	196	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE WSO CI	0470	06	BALTO CITY		39 17	76 37	91	MID	MID		C	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES		39 02	76 53	120	8A	8A		SAC H	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD		39 30	76 23	365	5P	5P			MARYLAND STATE POLICE
BOYDS 2 NW	1032	06	MONTGOMERY		39 13	77 20	580	6P	6P			HUNTER F STALEY
BRIGHTON DAM	1125	06	MONTGOMERY		39 12	77 01	330		MID			WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER		38 34	76 04	5	4P	4P		H	WASTEWATER TRTMT PLANT
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK		39 39	77 29	1610	5P	5P		C	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES		39 03	76 04	20	5P	5P		H	VICTOR F KENNEDY
CHESTERTOWN	1750	05	KENT		39 13	76 04	40	11P	11P		H	T W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD		39 15	76 56	365	5P	5P			UNIVERSITY OF MARYLAND
COLLEGE PARK	1995	04	PRN GEORGES		38 59	76 57	90	9A	9A		C	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD		39 39	76 10	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	2215	01	SOMERSET		37 59	75 52	8	5P	5P			SOMERS COVE MARINA
CUMBERLAND 2	2282	07	ALLEGANY		39 38	78 45	700	6P	7A		H	TIMOTHY B THOMAS
DAMASCUS 2 SW	2335	06	MONTGOMERY		39 16	77 14	720	7P	7P		H	RICHARD W SCHWERDT
DENTON 1 S	2523	02	CAROLINE		38 53	75 50	20	6P	6P		H	EMORY DOBSON
EDGEMONT	2770	07	WASHINGTON		39 40	77 33	905		7A			JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK		39 41	77 18	416	5P	5P		H	MRS LUCILLE K BEALE
FEDERALSBURG	3090	02	CAROLINE		38 41	75 46	20				C	SEWAGE TREATMENT PLANT
FREDRICK POLICE BRKS	3348	06	FREDERICK		39 25	77 26	380	5P	5P		H	MARYLAND STATE POLICE
FREDERICK 3 E	3355	06	FREDERICK		39 24	77 22	385		7A			MISS J MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY		39 40	78 56	2170	7A	7A		H	LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN GEORGES		38 58	76 48	150	4P	4P		H	USDA PLT INTRODUCT STA
HAGERSTOWN	3975	07	WASHINGTON		39 39	77 44	660	6P	6P			HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON		39 42	78 11	428	8A	8A		C	U OF MD FRUIT LAB
LA PLATA 1 W	5080	03	CHARLES		38 32	77 00	140	6P	6P		H	C RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN GEORGES		39 06	76 54	400	MID	MID			WASH SUB SANY COMM
MC HENRY 2 NW	5832	08	GARRETT		39 35	79 22	2680	8A	8A		C	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	5865	03	ST MARYS		38 26	76 43	160	5P	5P			MRS EDITH R BENNETT
MERRILL	5894	08	GARRETT		39 36	79 05	1790		9A			DELWOOD E MERRILL
MILLINGTON	5985	05	KENT		39 16	75 51	30	6P	6P		H	LOUIS H HOLLETT
NEW GERMANY 2	6410	08	GARRETT		39 37	79 08	2480				C	LESTER BITTINGER
OAKLAND 1 SE	6620	08	GARRETT		39 24	79 24	2420	5P	5P		H	MS CARA M WEBER
OWINGS FERRY LANDING	6770	03	CALVERT		38 41	76 40	160	5P	5P		H	JAMES E BOURNE JR
PARKTON 2 SW	6844	06	BALTIMORE		39 38	76 42	600	11P	11P		C	JOHN R FOX
PATUXENT RIVER	6915	03	ST MARY'S		38 20	76 25	38	MID	MID		C	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	7272	06	MONTGOMERY		39 02	77 15	270		MID			WASH SANITARY COMM
PRINCESS ANNE	7330	01	SOMERSET		38 13	75 41	20	5P	5P		H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	7705	06	MONTGOMERY		39 07	77 06	400	4P	4P		H	MD NATL CAPITAL PARK
ROYAL OAK 2 SSW	7806	02	TALBOT		38 43	76 11	10	6P	6P		H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO		38 22	75 35	10	5P	5P			CITY OF SALISBURY
SALISBURY FAA AP	8005	01	WICOMICO		38 20	75 31	48	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT		39 31	79 08	1495	8A	8A		SAC	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT		39 32	79 25	2040				C	PA ELECTRIC COMPANY
SNOW HILL 4 N	8380	01	WORCESTER		38 14	75 23	28	6P	6P		H	CURTIS E SHOCKLEY
SOLOMONS	8405	03	CALVERT		38 19	76 27	12	8A	8A			CHESAPEAKE BIOL LAB
TOWSON	8877	06	BALTIMORE		39 23	76 34	390	6P	6P			BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK		39 27	77 11	430	6P	6P		C	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES		38 52	76 47	98	8A	8A		SAC	TOBACCO EXP FARM
VIENNA	9140	02	DORCHESTER		38 29	75 50	12	6P	6P		H	DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	9440	06	CARROLL		39 33	76 58	765	5P	5P			MARYLAND STATE POLICE
WOODSTOCK	9750	06	BALTIMORE		39 20	76 52	460	6P	6P		H	JOHN A HILTZ

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MARYLAND AND DELAWARE
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REFERENCE NOTES

MARYLAND AND DELAWARE

Additional information regarding the climate of these States may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for these States.

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 ground in the "Snowfall and Snow on Ground" table is at observation time for all except National 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 noted below in 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 1941-1970.

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 directions 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.

LATE REPORTS 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, "Daily Soil Temperatures" table.
- 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.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- 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 observations 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.

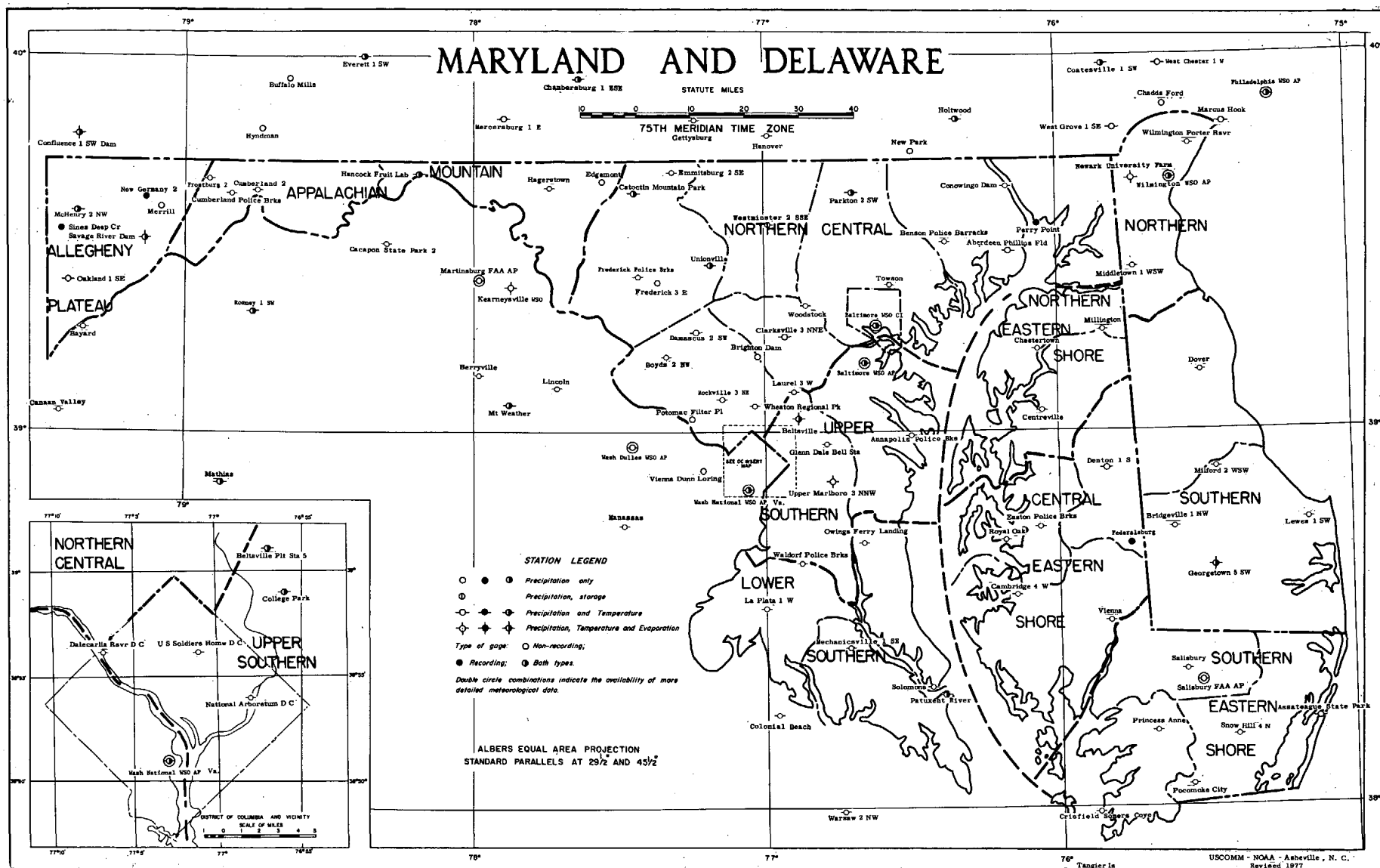
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

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 National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45¢ single copy; \$1.00 foreign; 45¢ annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801. ATTN: Publications

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