

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	ROCKVILLE 3 NE	MD.	75	DATE 08
LOWEST TEMPERATURE:	OAKLAND 1 SE	MD.	-14	DATE 26
GREATEST TOTAL PRECIPITATION:	MC HENRY 2 NW	MD.	2.06	
LEAST TOTAL PRECIPITATION:	WESTMINSTER POLICE BRK	MD.	.33	
GREATEST 1 DAY PRECIPITATION:	ASSATEAGUE STATE PARK	MD.	1.40	DATE 29
GREATEST TOTAL SNOWFALL:	FROSTBURG 2	MD.	11.5	
GREATEST DEPTH OF SNOW OR ICE:	MC HENRY 2 NW	MD.	6	DATE 26+

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	4.9	9.1	42	W	03	62	68	48	56	3	4	3	0	0	0	10	47	6.6
WILMINGTON WSO AP DEL	31	5.9	10.6	33++	28	03	69	74	55	65	3	3	4	0	0	0	10	-	6.7

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
DECEMBER 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.					TOTAL	MAX. DEPTH OR GROUND DATE	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE				
									32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW													
HANCOCK FRUIT LAB	41.8	24.7	33.3		69	9+	3	20	975	0	0	6	26	0	.65	- 1.90	.22	24	T	T	24+	3	0	0	
DIVISION			32.3	- .8											.81	- 1.97					3.4				
* * * ALLEGHENY PLATEAU 08																									
MC HENRY 2 NW	34.7	19.2	27.0		60	9	- 5	26+	1173	0	0	13	26	6	2.06		.53	10			6	26+	5	3	0
OAKLAND 1 SE	39.5	20.0	29.8	.6	64	8	- 14	26	1084	0	0	8	26	6	1.75	- 2.06	.55	9			5	25	4	1	0
SAVAGE RIVER DAM	37.6	20.6	29.1		65	9	- 4	26	1103	0	0	11	27	2	1.27		.55	10			T	28+	3	1	0
DIVISION			28.6	- .1											1.69	- 1.85					6.5				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
DECEMBER 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 MSW	.56					T	T	T	.14																											
NEWARK UNIVERSITY FARM	.80						T		.08																											
WILMINGTON MSD AP	.83		.03	.01					.15	.04		T																								
WILMINGTON PORTER RESVR	.68						T		.18		T	.03																								
* * *																																				
SOUTHERN 02																																				
BRIDGEVILLE 1 NW	.86			.03					.12	.03		T																								
DOVER	.80								.14	.07			T																							
GEORGETOWN 5 SW	.67		.03						.12	.02	T																									
MILFORD 2 WSW	.76		.04				T		.11	.02		.03																								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 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	62 41	56 38	51 33	42 28	44 27	48 31	58 38	67 42	59 41	49 42	43 33	45 29	58 39	54 27	44 31	47 39	44 27	48 16	52 37	50 16	37 14	35 16	34 12	34 12	8	45	35	36	17	34	47	45	47.2	27.7
CRISFIELD SOMERS COVE	MAX MIN	58 43	59 44	58 38	46 29	43 31	48 35	58 40	62 44	59 49	56 43	45 38	45 30	53 38	50 27	45 21	45 35	43 27	48 21	59 39	40 18	28 18	36 16	37 28	42 28	40	40	29	33	57	51	46	42	48.6	31.0
PRINCESS ANNE	MAX MIN	64 40	63 38	62 37	42 29	45 23	53 26	59 34	69 42	66 52	64 42	43 29	48 25	57 38	55 23	45 21	44 37	44 26	48 15	52 29	40 12	28 11	36 7	36 23	43 27	44 11	29 1	33 13	57 31	51 41	46 37	42 21	48.6	27.1	
SALISBURY	MAX MIN	65 39	64 42	58 35	42 27	45 26	53 26	60 36	70 42	66 51	53 40	43 29	50 26	59 39	53 25	45 23	45 35	41 24	47 13	51 31	36 16	32 13	37 10	39 28	42 24	40 10	39 5	38 21	44 30	44 37	46 35	42 19	47.9	27.6	
SALISBURY FAA AP	MAX MIN	65 42	65 40	48 35	41 27	44 27	52 29	60 43	71 46	64 54	63 41	41 27	48 26	59 39	45 25	41 22	44 37	47 13	47 13	51 25	26 14	29 9	35 8	35 29	43 27	38 3	28 0	35 22	54 35	48 41	45 29	30 21	46.2	27.1	
SNOW HILL 4 N	MAX MIN	65 38	65 35	60 35	40 28	44 25	51 28	62 31	71 42	63 52	63 43	43 27	49 25	61 38	53 22	44 20	44 38	43 23	49 13	52 29	41 15	29 10	37 6	38 23	42 27	43 11	30 1	34 14	55 32	50 42	48 36	44 21	48.8	26.8	
* * *																																			
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE WTR TRMT PL	MAX MIN	66 45	63 45	60 35	47 31	45 31	51 36	62 36	70 36	65 53	60 44	45 35	47 26	62 39	56 26	55 26	45 35	43 26	50 19	50 38	40 19	38 17	33 19	35 28	40 30	35 8	26 6	29 8	44 37	46 39	45 22	47 22	48.4	29.3	
ROYAL OAK 2 SSH	MAX MIN	65 45	63 44	60 36	42 29	44 28	52 29	60 38	69 41	63 52	58 42	42 32	47 28	55 39	52 25	47 25	45 30	40 26	49 18	46 34	36 17	28 16	32 12	35 19	36 25	38 12	27 6	32 14	45 29	44 37	44 37	37 20	46.2	28.6	
VIENNA	MAX MIN	61 44	60 43	58 36	41 29	43 27	52 28	58 39	65 44	62 52	60 43	28	60 40	55 27	58 24	45 34	45 26	48 22	49 36	44 15	29 13	34 10	37 41	41 24	40 9	27 6	31 17	47 28	48 34	45 36	45 20	47.9	28.8		
* * *																																			
LOWER SOUTHERN 03																																			
LA PLATA 1 W	MAX MIN	69 42	68 40	60 27	44 28	46 25	57 26	62 45	72 40	64 56	59 39	40 28	49 25	56 39	53 23	46 24	44 33	38 25	53 18	48 29	29 16	28 12	33 7	39 20	33 26	37 12	29 1	32 15	39 30	47 39	47 36	37 22	47.0	27.4	
MECHANICSVILLE 1 SE	MAX MIN	66 40	65 42	60 33	41 25	45 24	54 24	60 43	70 41	68 53	58 43	43 28	45 23	54 37	57 19	47 23	43 30	41 24	49 15	47 35	26 12	6	47 35	26 12	6	41 21	41 21	41 21	41 21	41 21	41 21	41 21	50.7	29.1	
OWINGS FERRY LANDING	MAX MIN	68 44	67 44	64 35	43 30	48 32	54 32	63 45	73 44	63 56	62 45	41 30	49 32	64 37	57 26	40 28	45 36	38 22	53 22	51 17	29 13	29 13	34 20	36 28	41 28	31 13	29 11	33 24	40 30	47 37	46 34	35 23	46.9	29.9	
SOLOMONS	MAX MIN	55 33	69 34	44 27	44 29	30	65	60 43	47 32	40 28	60 43	47 32	40 28	60 43	42 29	46 25	37 23	53 23	31	53 31	29 29	25 13	37 20	36 28	41 28	31 13	29 11	33 24	40 30	47 37	46 34	35 23	46.9	29.9	
* * *																																			
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	MAX MIN	67 44	63 41	62 36	49 29	46 27	57 29	58 45	68 43	66 49	58 43	50 33	47 32	56 42	54 26	49 27	44 31	42 26	48 21	47 33	35 15	28 12	30 14	37 21	36 25	36 10	26 9	29 17	39 29	51 36	51 39	42 22	47.5	29.2	
BALTIMORE WSO AP	MAX MIN	68 38	67 35	42 33	43 24	46 23	57 24	64 32	74 40	65 44	53 44	38 31	48 30	57 33	50 21	32 24	42 31	35 19	47 19	47 22	25 13	28 9	31 8	38 25	36 24	24 7	27 5	32 14	40 31	53 38	47 28	31 21	44.7	26.2	
BELTSVILLE	MAX MIN	67 34	66 33	41 24	43 23	46 24	55 32	61 40	73 44	73 31	59 44	45 33	38 29	47 34	55 23	52 22	35 26	42 23	34 16	48 26	46 13	23 11	27 6	32 12	33 9	36 9	27 1	26 6	32 16	32 16	39 16	50 45	44.3	24.0	
COLLEGE PARK	MAX MIN	55 34	67 34	66 34	42 24	44 26	46 26	58 37	61 41	73 57	58 44	46 34	39 31	47 35	56 23	50 25	37 29	43 24	35 18	48 31	46 14	24 12	28 9	32 18	39 6	36 9	18 6	26 13	32 22	40 32	50 37	46 21	44.8	26.7	
DALECARLIA RESVR D C	MAX MIN	64 32	66 31	66 31	42 28	46 25	56 26	64 43	73 39	70 53	57 43	47 34	48 29	57 28	54 23	45 23	40 21	39 20	50 19	46 30	31 13	27 12	31 10	39 19	35 24	35 9	25 5	33 5	35 29	47 29	47 34	44 22	47.1	25.5	
GLENN DALE BELL STA	MAX MIN	68 34	67 33	64 33	44 24	47 21	58 22	62 44	74 39	70 52	58 44	45 32	48 26	55 44	53 20	47 18	42 28	38 24	47 14	46 26	35 12	29 9	32 6	40 14	38 21	32 8	27 0	32 12	38 24	52 34	50 34	44 18	47.8	24.6	
LAUREL 3 W	MAX MIN	67 40	64 38	41 27	42 27	45 27	55 30	60 44	72 49	66 47	53 32	37 29	46 29	54 30	49 26	33 25	40 29	35 22	46 22	45 29	25 17	27 11	32 14	36 28	36 24	26 8	25 5	31 14	37 27	49 37	46 26	32 19	43.6	26.3	
NATIONAL ARBORETUM D C	MAX MIN	55 42	66 43	66 35	46 28	43 27	48 29	57 29	61 43	73 43	61 45	46 36	39 29	47 34	55 24	51 24	35 25	43 26	35 22	48 29	47 15	13	11 11	32 11	39 27	35 10	33 3	37 11	33 20	40 32	51 37	47 23	47.6	26.6	
UPPER MARLBORO 3 NNW	MAX MIN	55 39	68 39	67 34	43 26	44 22	48 24	58 29	65 40	74 42	59 44	47 30	39 26	48 31	55 22	51 20	34 25	43 24	35 15	50 27	47 14	22 11	28 5	36 8	38 24	37 10	19 2	27 7	31 17	40 31	52 40	47 21	45.4	24.1	
* * *																																			
NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	MAX MIN	64 41	71 44	44 32	40 27	41 24	53 27	58 45	71 43	63 47	55 37	38 32	46 31	53 35	49 26	33 22	43 31	35 19	44 19	45 21	24 15	27 13	31 11	34 21	36 22	22 8	26 7	31 15	40 30	47 36	44 27	30 18	43.2	26.6	
* * *																																			
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	MAX MIN	63 33	62 33	60 32	40 25	42 22	54 34	59 45	69 45	65 45	45 41	44 30	45 28	56 40	54 29	44 24	42 27	38 21	44 17	46 31	36 5	25 7	30 4	37 17	36 27	33 5	23 12	29 18	32 20	52 30	46 37	41 17	44.9	25.8	

SEE REFERENCE NOTES FOLLOWING STATION INDEX
7

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 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																																		
BALTIMORE WSO CI	MAX MIN	69 44	68 44	44 34	43 28	44 29	56 34	62 51	72 50	65 48	54 37	39 32	48 32	56 34	50 27	30 24	42 30	33 22	48 24	47 20	23 14	26 14	28 17	39 26	36 22	22 8	24 12	29 18	39 29	52 37	46 30	30 20	44.0 28.7	
BENSON POLICE BARRACKS	MAX MIN	50 33	61 30	57 30	42 23	41 21	50 29	61 37	71 39	64 42	52 37	43 28	46 28	55 32	54 19	46 18	39 23	38 18	48 13	45 24	36 13	30 13	30 13	39 13	38 31	35 5	26 5	32 11	38 17	51 36	47 36	38 16	45.3 23.6	
BOYDS 2 NW	MAX MIN	67 37	65 41	62 29	40 24	44 26	53 29	62 42	72 47	67 52	55 39	40 31	45 28	56 35	49 22	34 22	35 27	35 21	47 19	45 27	28 9	25 10	29 11	39 20	35 26	37 11	26 4	27 3	27 10	31 25	42 30	45 33	39 18	44.4 26.0
CATOCTIN MOUNTAIN PARK	MAX MIN	58 36	58 47	56 25	33 20	37 25	47 30	59 43	65 51	61 41	50 34	34 26	40 26	50 36	40 22	32 17	36 23	30 16	42 18	39 15	17 4	20 5	24 9	36 16	35 30	32 -1	19 3	26 10	32 21	43 30	41 33	33 15	39.5 23.4	
CLARKSVILLE 3 NNE	MAX MIN	68 31	65 29	62 30	41 25	42 19	55 21	63 41	72 36	66 49	55 41	43 32	48 28	55 32	48 17	39 19	38 27	37 15	48 12	38 29	31 11	23 5	29 4	38 13	38 21	33 7	24 2	32 7	36 27	49 34	44 35	41 19	45.4 23.2	
CONOWINGO DAM	MAX MIN	65 37	64 43	61 29	39 22	43 26	52 28	59 44	70 49	65 48	54 35	36 29	44 29	55 37	47 21	33 21	34 26	33 19	45 21	42 22	22 8	23 8	27 11	37 19	34 28	35 5	23 4	28 12	30 25	39 30	44 30	32 16	42.4 25.2	
EMMITSBURG 2 SE	MAX MIN	64 32	60 30	55 30	40 20	44 20	54 20	59 44	68 36	71 47	48 39	41 31	44 30	54 32	47 24	37 19	36 26	47 17	21 12	45 28	28 10	26 9	28 5	37 15	33 18	37 4	22 -2	29 3	32 26	42 31	45 30	42 16	43.6 22.9	
FREDRICK POLICE BRKS	MAX MIN	67 39	64 38	62 30	40 27	46 27	54 28	59 41	72 41	69 46	50 42	45 31	46 31	58 36	55 25	44 23	32 28	37 25	44 21	46 32	32 10	25 11	28 10	40 20	40 30	37 6	24 7	28 11	33 26	45 31	46 31	43 19	45.5 26.5	
PARKTON 2 SW	MAX MIN	65 38	63 35	40 28	39 22	39 23	53 25	61 41	72 42	63 43	46 30	34 27	44 28	55 29	47 16	29 15	36 26	32 13	47 14	42 16	23 7	26 4	26 5	39 16	34 19	22 3	22 -1	29 7	34 26	43 33	42 25	28 15	41.1 21.6	
ROCKVILLE 3 NE	MAX MIN	68 32	68 31	62 30	44 21	48 21	56 23	63 40	75 38	70 40	54 39	44 28	49 25	55 32	50 15	42 19	39 27	36 18	49 13	42 29	31 8	28 7	31 3	40 10	34 20	32 4	30 -2	32 3	34 26	47 33	48 31	47 16	46.7 21.9	
TOWSON	MAX MIN	65 25	65 25	44 25	44 25	56 27	61 39	71 32	65 36	46 37	43 31	45 31	54 31	54 24	44 27	40 35	40 19	48 15	44 32	32 22	23 11	23 11	29 12	37 13	37 24	35 4	25 -2	32 9	38 26	51 33	46 28	43 28	45.2 23.5	
UNIONVILLE	MAX MIN	67 29	65 28	61 30	41 17	43 17	50 17	62 35	71 37	67 48	50 38	39 32	45 30	55 38	49 25	35 17	36 17	47 14	44 27	29 9	26 2	30 4	40 14	37 18	37 6	24 2	28 7	32 26	40 24	44 30	39 28	41 17	44.1 21.5	
WESTMINSTER POLICE BRK	MAX MIN	62 38	62 40	60 29	40 22	39 22	52 30	61 42	67 46	66 44	49 37	41 29	42 29	57 38	48 22	38 19	38 19	44 19	43 31	44 19	43 7	22 7	23 10	33 17	41 24	35 2	24 4	29 11	32 24	41 30	41 33	38 15	43.4 24.3	
WOODSTOCK	MAX MIN	67 38	65 33	61 32	40 25	43 23	55 28	64 41	72 40	64 46	53 39	40 32	46 30	54 37	47 20	39 21	38 26	35 21	47 15	43 25	27 11	30 5	39 18	33 22	34 12	24 8	31 9	36 27	47 35	48 35	36 18	44.6 24.7		
* * *																																		
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	MAX MIN	64 36	58 28	43 19	44 20	42 30	48 38	64 46	73 48	71 40	52 32	38 29	54 35	54 29	44 21	36 23	37 25	37 23	49 27	49 10	23 6	28 5	32 10	43 23	43 4	29 4	25 6	36 11	33 24	41 31	45 23	40 24	44.4 24.2	
FROSTBURG 2	MAX MIN	52 30	54 41	56 21	26 18	33 18	40 26	52 38	56 49	63 42	56 33	34 24	28 21	46 25	43 22	33 15	27 17	34 18	34 18	38 21	33 2	10 0	18 2	27 7	36 20	36 -2	9 -1	18 0	27 8	36 20	40 33	34 24	36.4 20.0	
HAGERSTOWN	MAX MIN	63 38	60 39	52 28	40 20	44 25	49 26	61 39	70 53	69 43	44 38	39 28	44 29	55 36	44 22	36 20	34 26	34 20	49 21	44 22	24 8	21 7	25 8	41 21	38 32	34 4	24 4	29 7	30 20	38 29	43 31	36 18	42.4 24.6	
HANCOCK FRUIT LAB	MAX MIN	59 26	63 32	48 32	37 21	42 21	44 38	62 37	69 52	69 45	49 39	42 28	44 31	53 30	43 27	41 22	33 22	37 16	44 32	41 25	28 3	19 8	23 8	38 20	37 32	34 12	20 8	28 9	32 11	39 30	40 30	39 19	41.8 24.7	
* * *																																		
ALLEGHENY PLATEAU 08																																		
MC HENRY 2 NW	MAX MIN	47 25	50 41	52 18	23 13	40 20	40 34	50 38	53 48	60 39	53 30	30 20	25 20	42 24	40 20	30 17	33 25	30 16	28 16	34 26	26 -3	10 -3	-13 -2	33 10	34 27	-3 -5	25 -5	24 0	36 12	46 22	30 28	30 23	34.7 19.2	
OAKLAND 1 SE	MAX MIN	54 29	56 27	42 19	46 11	41 26	45 37	54 40	64 52	59 44	58 30	31 24	42 25	45 30	34 22	39 12	35 29	35 18	38 16	17 16	19 0	19 -7	35 -2	35 14	35 29	29 -2	24 -14	27 -1	38 12	45 33	42 28	32 24	39.5 20.0	
SAYAGE RIVER DAM	MAX MIN	52 28	57 32	54 24	29 16	39 17	42 30	49 40	57 42	65 44	58 35	37 25	32 26	47 29	44 25	39 16	29 19	36 21	37 17	40 32	34 5	13 2	19 2	26 7	38 22	32 3	11 -4	20 -1	25 4	31 21	40 29	35 29	37.6 20.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 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		
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX MIN	64 35	65 36	60 34	39 25	42 23	51 24	55 39	68 42	64 44	49 40	44 32	45 27	53 38	53 24	42 22	41 25	40 22	44 16	45 28	34 13	27 12	31 10	34 20	33 23	34 5	26 6	30 14	39 25	47 35	44 37	39 17	44.6 25.6
NEWARK UNIVERSITY FARM	MAX MIN	67 38	66 33	63 24	38 25	41 24	50 25	55 39	70 43	67 43	50 40	44 30	45 29	54 36	54 22	41 19	40 25	39 21	48 15	45 27	32 13	26 12	29 8	34 18	33 21	35 3	26 4	31 12	39 28	50 35	46 38	39 16	45.1 24.7
WILMINGTON WSO AP	MAX MIN	65 39	66 38	42 30	39 25	43 23	50 27	54 40	69 43	61 43	49 36	38 30	43 29	55 31	45 23	32 20	42 31	33 17	42 15	45 17	24 10	27 11	28 9	33 20	35 21	24 2	25 6	32 12	40 30	47 37	43 23	29 15	41.9 24.3
WILMGTON PORTER RESVR	MAX MIN	64 39	64 43	44 30	43 23	42 24	48 24	53 36	68 43	61 40	48 35	37 27	43 27	52 30	45 23	31 19	41 29	33 17	39 15	44 17	22 9	28 10	29 11	33 20	33 22	22 0	23 5	30 15	38 24	46 35	43 21	27 14	41.1 23.5
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX MIN	65 40	63 44	60 35	40 27	40 25	50 28	58 35	69 42	62 49	60 42	43 30	47 29	61 38	53 24	43 23	44 34	42 24	45 15	45 31	35 14	26 13	32 11	36 22	39 24	38 10	27 6	30 16	46 27	45 36	45 35	39 19	46.1 27.4
DOVER	MAX MIN	66 40	65 43	64 34	41 26	44 24	48 26	52 29	71 47	70 44	58 43	45 30	46 24	57 39	55 27	45 22	43 31	43 23	44 16	45 30	35 12	26 12	30 12	35 21	36 32	34 6	27 5	31 17	42 29	46 35	46 37	42 18	46.2 26.9
GEORGETOWN 5 SW	MAX MIN	51 40	63 44	64 35	41 27	40 24	40 27	49 32	58 42	69 57	62 43	44 28	38 28	48 30	60 24	48 21	42 28	43 24	32 12	48 27	47 13	31 12	28 8	34 13	35 24	42 9	18 2	28 15	44 26	52 37	46 35	46 19	44.9 26.0
MILFORD 2 WSW	MAX MIN	68 40	66 45	63 35	42 26	43 23	50 24	58 33	72 45	64 46	60 35	38 28	48 30	63 38	55 25	47 23	43 34	41 24	46 12	46 30	35 10	29 10	34 7	35 20	38 24	36 7	27 2	31 10	46 30	45 36	47 36	40 18	47.0 26.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
DECEMBER 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	
MARYLAND																																
SOUTHERN EASTERN SHORE 01																																
ASSATEAGUE STATE PARK																																
SALISBURY FAA AP																																
SNOW HILL 4 N																																
CENTRAL EASTERN SHORE 02																																
ROYAL OAK 2 SSW																																
LOWER SOUTHERN 03																																
LA PLATA 1 W																																
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS																																
BALTIMORE HSO AP																																
BELTSVILLE																																
COLLEGE PARK																																
GLENN DALE BELL STA																																
NATIONAL ARBORETUM D C																																
UPPER MARLBORO 3 NNW																																
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN																																
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD																																
CATOCTIN MOUNTAIN PARK																																
DAMASCUS 2 SW																																
EMMITSBURG 2 SE																																
FREDRICK POLICE BRKS																																
PARKTON 2 SW																																
ROCKVILLE 3 NE																																
UNIONVILLE																																
WOODSTOCK																																
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2																																
FROSTBURG 2																																
HANCOCK FRUIT LAB																																
ALLEGHENY PLATEAU 08																																
MC HENRY 2 NW																																
OAKLAND 1 SE																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
DECEMBER 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												.2				.3																			
NEWARK UNIVERSITY FARM															T	T							T	T		T	T								
WILMINGTON WSO AP											T	.2			.8	T								.2	.2		T	T		T					
WILMINGTON PORTER RESVR											T				1.0								T	T		T	T								
SOUTHERN 02																																			
BRIDGEVILLE 1 NW												T																					T	T	
DOVER													T											T											
MILFORD 2 WSW												T												T		T								T	T

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
DECEMBER 1980

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 H	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		BAC 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 TRMT PLANT
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK		39 39	77 29	1610	5P	5P		C H	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	THOMAS 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 H	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 SCHWERT
DENTON 1 S	2523	02	CAROLINE		38 53	75 50	20	6P	6P		H	INACTIVE 10/31/80
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 I 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	4P	4P		C H	SHARPSBURG RESEARCH C
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 H	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	INACTIVE 02/29/80
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 H	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			POTOMAC WATER FILT PLT
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		BAC H	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 H	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES		38 52	76 47	98	8A	8A		BA H	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

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
DECEMBER 1980

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
DISTRICT OF COLUMBIA												
DALECARLIA RESVR D C	2325	04			38 56	77 07	146	5P	5P			U S CORPS OF ENGINEERS U S NATL ARBORETUM
NATIONAL ARBORETUM D C	6350	04			38 54	76 59	50	8A	8A		H	
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX		38 45	75 37	50	5P	5P		H	WILLIAM M RAY STATE DIV OF HIGHWAYS UNIV OF DEL SUBSTATION INACTIVE 05/31/80 PIONEER HIBRED CORN CO MRS BERNARD FRANKEL UNIV OF DELAWARE NATL WEATHER SERVICE WATER DEPARTMENT
DOVER	2730	02	KENT		39 09	75 31	30	5P	5P		H	
GEORGETOWN 5 SW	3570	02	SUSSEX		38 38	75 27	45	8A	8A	8AC	H	
LEWES 1 SW	5320	02	SUSSEX		38 46	75 09	20	6P	MID		H	
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE		39 26	75 45	60	4P	4P		H	
MILFORD 2 WSW	5915	02	SUSSEX		38 54	75 28	30	5P	5P		H	
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE		39 40	75 44	90	5P	5P	5PC	H	
WILMINGTON WSO AP	9595	01	NEW CASTLE		39 40	75 36	79	MID	MID	C	HJ	
WILMGTON PORTER RESVR	9605	01	NEW CASTLE		39 46	75 32	274	MID	MID		H	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MARYLAND - DELAWARE - DECEMBER 1980

SPECIAL WEATHER SUMMARY

Monthly temperatures averaged near normal in Maryland from the Chesapeake Bay westward and up to 2° below normal on the Eastern Shore and in Delaware. Most monthly precipitation totals in Maryland were less than 0.75 inch; only in the Southern Eastern Shore Division and the Garrett County area did precipitation exceed one inch. In Delaware, the greatest official precipitation total was but 0.86 inch. This was Maryland's driest December since 1965 and the third driest on record; the driest December on record since 1895 is that of 1955. For Delaware, it was the driest on record, surpassing December 1955. The state average precipitation for this December was 0.84 inch for Maryland and 0.76 inch for Delaware. Snowfall was light except up to 11.5 inches from Frostburg westward. Normal December snowfall is 10.5 inches for Frostburg and 17.1 inches for Oakland.

Severe storms during the month included:

- 2d-3d - Winds up to 70 mph caused mostly minor damage, especially in Maryland's Northern Central Division.
- 14th - Wind caused minor damage in the Cumberland-La Vale area.
- 23d - Freezing rain and glaze during morning hours made traveling hazardous, mainly in southern half of Maryland, including the eastern shore.

W. J. Moyer, State Climatologist
State Climatology Office
Room 1123A, Jull Hall
University of Maryland
College Park, MD 20742

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 published annually as a Supplemental 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.

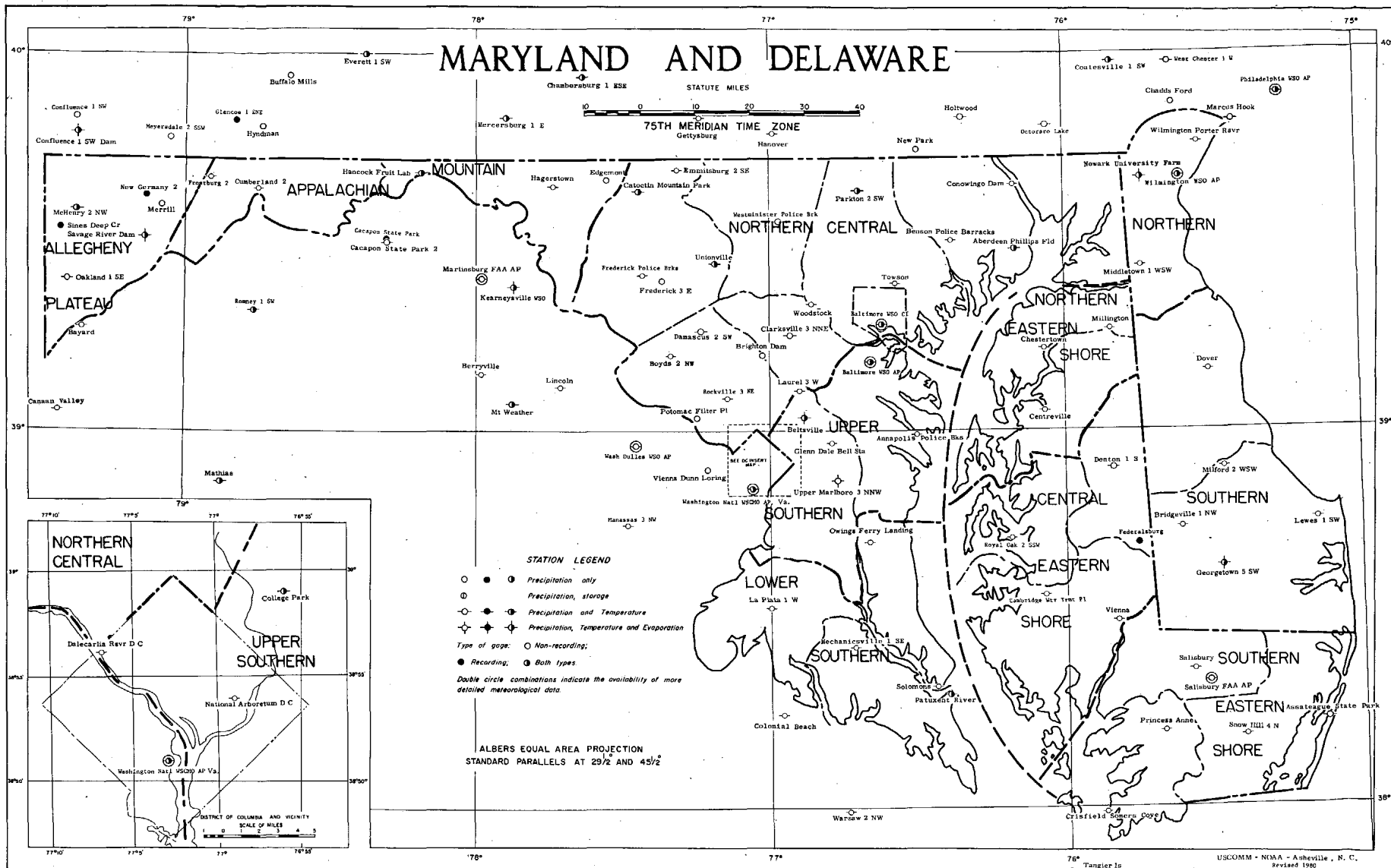
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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

USCOMM-NOAA-ASHEVILLE, N.C. 1981-940



MARYLAND AND DELAWARE

STATUTE MILES
 0 10 20 30 40
 75TH MERIDIAN TIME ZONE
 Gettysburg Hanover

- STATION LEGEND**
- ● ○ Precipitation only
 - ○ ○ Precipitation, storage
 - ● ○ Precipitation and Temperature
 - ● ○ 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

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210



THIRD CLASS
BULK RATE