



CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

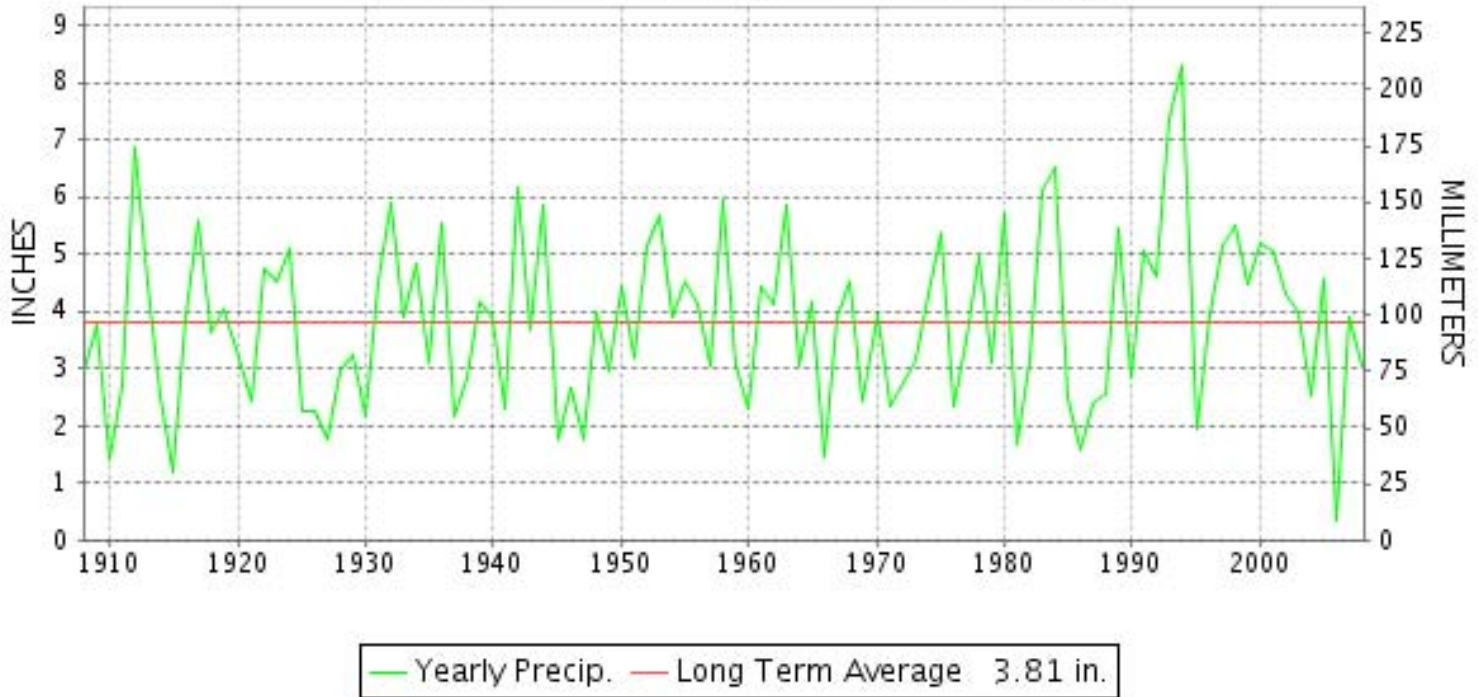


MARCH 2008

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MARCH PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	81	MARCH 28	2 STATIONS
LOWEST TEMPERATURE	5	MARCH 1	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	4.66		SMITHSBURG 2NW
LEAST TOTAL PRECIPITATION	2.04		ASSATEAGUE
GREATEST 1 DAY PRECIPITATION	2.20	MARCH 5	DALECARLIA RESERVOIR
GREATEST TOTAL SNOWFALL	4.6		FROSTBURG 2
GREATEST DEPTH OF SNOW OR ICE	7	MARCH 1	FROSTBURG 2

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DELAWARE

HIGHEST TEMPERATURE	78	MARCH 28	LEWES
LOWEST TEMPERATURE	16	MARCH 1	GREENWOOD 2NE
GREATEST TOTAL PRECIPITATION	5.13		WILMINGTON PORTER RSVR
LEAST TOTAL PRECIPITATION	2.44		LEWES
GREATEST 1 DAY PRECIPITATION	1.71	MARCH 8	WILMINGTON PORTER RSVR

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEG. DAYS	COOLING DEG. DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST 24 HOURS	DATE	ICE PELLETS, SNOW			NO. OF DAYS		
											MAX		MIN						TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											>=90	<=32	<=32	<=0										
FREDERICK 2 NNE	54.4	31.4	42.9		69	27	20	1	678	0	0	0	21	0	3.35		1.18	5	.0	0		7	2	1
MILLERS 4 NE	52.0	31.9	42.0	.3	64	3	21	10+	709	0	0	0	15	0	3.94	.17	1.44	5	T	T		7	2	1
SMITHSBURG 2NW	50.8	29.6	40.2		67	4	20	25+	759	0	0	0	22	0	4.66		1.95	5	M .0	0		7	3	1
--DIVISIONAL DATA-----> APPALACHIAN MOUNTAIN 07			42.1	-.6											3.44	-.59			.0					
CUMBERLAND 2	55.4	35.0	45.2	2.5	74	3	24	9	607	0	0	0	12	0	4.06	.76	1.70	5	1.0	1	1	8	3	1
FROSTBURG 2	45.8	24.9	35.4	.1	63	14+	9	2	910	0	0	2	24	0	4.24	.40	1.43	5	4.6	7	1	7	3	1
SHARPSBURG 5 S	53.3	28.9	41.1		70	4	19	3+	732	0	0	0	21	0	3.36		1.46	5	T	T		7	2	1
WILLIAMSPORT	53.3M	31.3M	42.3M		72	4	19	1	698	0	0	0	17	0	M 2.12		.60	20	.0	0		5	2	0
--DIVISIONAL DATA-----> ALLEGHENY PLATEAU 08			41.0	.3											3.89	.47			1.4					
OAKLAND 1 SE	46.2	20.7	33.5	-4.4	69	14	5	1	971	0	0	4	31	0	M 2.38		.92	20	M .0	4	8	6	1	0
SAVAGE RIVER DAM	47.6	27.3	37.5	.4	68	14	9	2+	849	0	0	1	24	0	3.56	.28	1.11	5	M .0	2	3	8	3	1
--DIVISIONAL DATA-----> DELAWARE NORTHERN 01			35.5	-1.5											3.56	-.31								
BEAR 2 SW	54.0	33.5	43.8		69	4	22	10	649	0	0	0	13	0	3.25		.90	8	T	T		7	3	0
NEWARK UNIV FARM	M	M	M																M	M				
WILMINGTON NEW CASTLE R	54.6	34.4	44.5	1.8	69	4	25	10	629	0	0	0	12	0	4.00	.03	1.45	8	T	T		8	4	1
WILMINGTON PORTER RSVR	51.7	34.7	43.2	1.4	66	28+	26	10	668	0	0	0	12	0	5.13	1.32	1.71	8	.0	0		8	4	1
--DIVISIONAL DATA-----> SOUTHERN 02			43.8	1.1											4.13	.02			.0					
DOVER	57.5	37.2	47.4	2.0	73	29+	28	13+	541	0	0	0	12	0	2.79	-1.61	1.48	8	.0	0		4	2	1
GREENWOOD 2NE	55.3	32.1	43.7	.4	77	29	16	1	653	0	0	0	19	0	3.80	-.87	1.70	8	.0	0		7	3	1
LEWES	57.6	39.4	48.5	2.9	78	28	29	24+	503	0	0	0	5	0	2.44	-2.01	1.29	8	.0	0		2	2	1
--DIVISIONAL DATA----->			46.5	2.1											3.01	-1.39			.0					

MARYLAND AND DELAWARE
MARCH 2008

DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH																															
		01	02	03	04	05	06	07	08	09	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	2.04				.90		.41	.30							.04	.20			.03	.11		.03									.02		
PRINCESS ANNE	M	-	-		.72			*	*	.90				*	.13	-	-	-		.13		-	-	-					-	-	-		
SALISBURY	2.54				.75		.35	.92							.21	T				.24	.01		.05						T		.01		
SALISBURY FAA AP	2.42	T			.84		.82	.27			T			T	.05	.12				.01	.18		.06						.01	.03	T	.03	
SNOW HILL 4 N	2.40				.70		.05	1.16							.30						.10		.06							.01	.03	T	.02
CENTRAL EASTERN SHORE 02																																	
ROYAL OAK 2 SSW	2.17				.46		.16	1.05			.03					.23				.11	.10								T			.03	
VIENNA	2.13						.10	1.85								.16														.02			
LOWER SOUTHERN 03																																	
MECHANICSVILLE 5 NE	2.58				.75			.93	.38		.01				.01	.38	T		T	.11		T	T						T	T		.01	
SOLOMONS	M 2.36				.58			*	1.58		T	*	*	*	*	*	*	*	*	*	.20		-							-	-		T
UPPER SOUTHERN 04																																	
BALTIMORE WASH INTL AP R	2.37	.02		.10	.30		.78	.24			T	T			T	.01	.17		.05	.56	.08		.01						.02			.03	
BELTSVILLE	2.26	.02			.64			.55	.16							.34	.01	.01	.01	.46				.02						.03		.01	
DALECARLIA RESERVOIR	4.09				2.20	.01		.62	.17		.03				.02	.33	.01			.62			.03	.01						.03		.01	
LAUREL 3 W	3.43			.08	.96		.53	.34				.01			.03	.54			.60			.20							.05			.09	
MD SCI CTR BALTIMORE R	2.31	.03		.15	.36		.64	.28							.03	.16		.06	.52	.08									.01			.01	
NATL ARBORETUM DC	2.48	T			.80			.62	.05		T				.01	.46	.02	T	T	.46										.06		T	
OXON HILL	2.58				.69			.65	.12		.03				.03	.55	.07			.44									T	T	T	T	
UPPER MARLBORO 3 NNW	2.24				.40			.80	.15							.22	.18			.48	.48									.01			
NORTHERN EASTERN SHORE 05																																	
CHESTERTOWN	2.97	T			.44		.78	.75			T				T	.18		T	.48	.23		T							.08			.03	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	2.34				.45					1.10	.01						.13		.09	.55									.01				
CATOCTIN MTN PARK	3.86	.07		.23	1.60		.37	.04			.01				.17	.10		.06	.61	.55		.02							.02			.01	
CONOWINGO DAM	3.51	.02			.61	.08		.70	.58						.05	.17	.03		.25	.96										.06			
CYLBURN	2.58	T			.58			.72	.22		T				T	*	.21		.10	.70										.03		.02	
EMMITSBURG 2 SE	3.28	.04			1.31			.47	.25						.17	.06		T	.20	.78								T	T	T			
FREDERICK 2 NNE	3.35				1.18			.43	.38						.12	.10	.01	.01	.20	.90										.02			
MILLERS 4 NE	3.94	.02		.04	1.44		.24	.36			T				.07	.29		.01	.86	.47		T							.02	T		.12	
POTOMAC FLTR PLT	3.08				1.32	.01		.44	.31		.08				.10	.07		.02	.47	.21									.05				
SMITHSBURG 2NW	4.66	.07			1.95			.75	.40		.02				.18	.17			.20	.90										.02			
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	4.06	.19	.01		1.70			.27	.11						.30	.07			.55	.63				.01						.20	.02		

MARYLAND AND DELAWARE
MARCH 2008

DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH																														
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FROSTBURG 2	4.24	.41				1.43			.25	.08		T	T			.36	.04	T		.70	.65		T	.02				T	.28	.02		
SHARPSBURG 5 S	3.36	T	T			1.46			.40	.27		.03				.12	.16	.03		.22	.66		T				T	.01				
WILLIAMSPORT	M 2.12	.02				-			.50	.36		.06				.17	.09			.30	.60		-						.02			
ALLEGHENY PLATEAU 08																																
OAKLAND 1 SE	M 2.38	-						.17	-	.04	.08	.01			.35	.20			.20	-	.92	.08	-					.05	.03	.25		
SAVAGE RIVER DAM	3.56	.45	T			1.11			.12	.02		.03	T			.20	.16			.70	.58	T		T			T	.19	T			
DELAWARE																																
NORTHERN 01																																
BEAR 2 SW	3.25	T			.22	.43		.75	.90				T		T	.03	.17		.07	.53	.10							.03	T		.02	
NEWARK UNIV FARM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILMINGTON NEW CASTLE R	4.00	T			.19	.53		.70	1.45				T		T	.02	.13		.15	.51	.22					T		.04	T		.06	
WILMINGTON PORTER RSVR	5.13				.79	.07	.09	.73	1.71				T		T	.06	.18		.10	.17	.90							.08			.25	
SOUTHERN 02																																
DOVER	2.79	.02			T	.71			1.48	T					.02	.11	.09			.04	.25		.02					.01			.02	
GREENWOOD 2NE	3.80					.67	.67		1.70	.33					.14		.16				.13										T	
LEWES	2.44			.03		.88		.08	1.29						.04		.01				.07							.04				

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE		
			01	02	03	04	05	06	07	08	09	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 M	MID	MAX MIN OBS	55 42	52 32	57 31	58 46	65 48	53 33	54 43	63 38	55 34	50 32	54 37	59 44	57 32	60 42	52 48	56 34	58 40	61 46	59 47	57 40	58 37	48 35	52 37	52 37	69 43	67 42	81 51	59 38	50 40	61 43	58.0 39.8			
PRINCESS ANNE	17	MAX MIN			65 23	72 51	72 48	62 25	61 32			68 19	59 29	58 30	59 23						74 27	72 28	79 52			58 23	68 38	70 40					70 27	M M		
SALISBURY	17	MAX OBS MIN OBS	51 41	51 30	64 30	72 56	63 54	59 35	57 39	67 57	62 31	50 29	55 38	57 40	58 31	71 47	70 47	61 43	51 33	53 41	72 47	69 46	56 38	55 37	51 32	52 31	68 32	67 43	79 50	74 37	50 35	64 42	60.6 39.9			
SALISBURY FAA AP M	MID	MAX MIN	51 35	48 23	65 24	72 57	63 39	59 28	64 32	66 37	44 25	50 21	54 31	56 34	58 24	71 39	61 45	50 40	49 30	52 35	73 50	67 41	55 28	54 26	50 23	52 23	68 26	65 36	79 45	50 26	50 30	64 43	58.4 33.6			
SNOW HILL 4 N	17	MAX MIN OBS	54 40	51 23	64 26	69 53	63 52	61 29	54 35	65 52	63 30	55 22	57 34	57 35	73 25	69 44	57 45	52 43	54 31	73 31	70 47	56 45	55 33	57 31	53 27	53 23	69 41	68 45	80 51	78 35	53 28	62 42	61.2 36.3			
CENTRAL EASTERN SHORE 02																																				
ROYAL OAK 2 SSW	18	MAX MIN	50 40	50 30	61 30	67 51	65 50	56 30	52 34	64 48	60 30	51 27	56 34	56 41	57 28	67 40	63 46	51 43	53 37	68 47	67 44	56 39	54 35	49 34	52 28	52 35	68 48	64 42	76 46	62 36	52 31	61 39	58.7 38.0			
VIENNA	18	MAX OBS MIN OBS	56 *** 40 ***	53 *** 32	61 *** 33	70 *** 51	68 *** 49	62 *** 30	60 *** 34	68 *** 50	57 *** 30	54 *** 26	56 *** 34	56 *** 38	58 *** 28	68 *** 40	69 *** 45	53 *** 41	55 *** 32	70 *** 31	69 *** 46	56 *** 53	57 *** 38	53 *** 34	53 *** 29	52 *** 26	69 *** 41	69 *** 45	81 *** 34	65 *** 31	51 *** 39	62 *** 37.1				
LOWER SOUTHERN 03																																				
MECHANICSVILLE 5 NE	07	MAX MIN	48 16	52 25	51 26	68 30	74 51	61 28	53 30	49 40	66 27	46 24	51 24	56 24	59 28	61 28	66 39	64 39	52 30	52 31	59 40	76 43	54 35	58 32	50 27	50 27	53 27	72 41	62 43	79 36	52 32	47 32	57.8 31.7			
SOLOMONS	08	MAX MIN	53 31	53 31	49 35	67 43	68 46	63 35	54 39		67 29	49 31	47 36									74 40	55 40		60 34	50 33	53 42	72 45	63 45		80 41	49 M 41 M				
UPPER SOUTHERN 04																																				
BALTIMORE WASH INTL APM	MID	MAX MIN	47 33	50 23	68 27	71 47	60 37	51 28	48 31	63 31	43 27	50 25	52 33	56 35	56 28	63 39	62 43	51 37	52 28	50 41	67 43	64 39	54 37	48 34	50 26	50 30	69 27	53 44	70 41	51 35	48 32	51 41	55.5 34.4			
BELTSVILLE	08	MAX MIN	48 22	46 22	52 28	68 34	71 48	54 29	56 32	48 40	63 27	43 25	53 31	56 34	61 28	65 36	61 44	49 31	51 35	52 43	67 43	53 38	55 39	46 27	49 30	49 27	52 38	68 43	54 40	70 34	50 31	47 36	55.1 34.2			
DALECARLIA RESERVOIR	08	MAX MIN OBS	50 20	50 24	52 35	70 44	73 46	56 30	57 34	49 41	64 27	51 25	52 29	57 33	57 30	63 32	68 40	63 43	52 31	53 32	56 41	69 42	55 38	57 37	51 29	50 31	55 28	72 31	57 45	75 41	57 34	50 32	57.8 34.1			
LAUREL 3 W M	MID	MAX MIN	46 35	49 27	66 31	68 49	61 38	53 31	46 34	61 30	42 26	49 29	52 36	55 39	59 33	63 41	53 45	50 40	49 30	65 40	60 43	54 36	46 38	49 30	48 33	50 31	68 44	61 44	49 42	47 33	48 30	54.6 36.0				

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE		
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
			MD SCI CTR BALTIMORE M	MID	OBS MAX MIN	48 36	50 30	67 36	71 49	62 39	51 35	50 38	63 32	43 29	52 31	51 40	55 41	55 37	63 45	62 47	51 40	52 34	65 43	65 43	55 39	49 39	50 35	50 38	53 36	70 47	56 49	68 46	50 37		49 33	53 41
NATL ARBORETUM DC	07	MAX MIN	48 26	49 28	53 33	69 45	72 48	57 31	57 36	48 40	64 28	46 27	51 31	54 35	58 31	62 31	68 44	64 44	52 33	54 35	55 44	68 43	57 40	57 31	52 33	52 29	53 32	70 48	56 43	72 36	53 31	49 40	57.3 35.8			
OXON HILL	08	MAX MIN	49 24	51 28	53 29	71 42	73 53	59 31	58 31	50 40	66 29	47 29	52 31	57 36	59 31	65 34	71 46	64 45	53 34	54 34	57 43	69 44	55 39	59 39	52 34	53 33	53 33	56 33	71 46	61 45	74 37	54 34	48 35	58.5 36.2		
UPPER MARLBORO 3 NNW	08	MAX MIN	48 16	49 23	53 25	68 39	72 49	57 28	56 28	48 38	65 27	45 25	51 27	56 33	57 27	62 28	66 41	64 43	51 31	52 33	53 42	69 42	54 38	57 37	49 29	51 27	50 28	54 30	70 43	58 41	73 33	51 31	49 34	56.7 32.8		
NORTHERN EASTERN SHORE 05																																				
CHESTERTOWN	23	MAX MIN OBS	47 36	46 28	63 28	69 48 57	64 37	52 30	50 34	65 33	42 28	49 26	54 34	54 39	57 28	64 39	59 44	50 41	48 31	50 39	66 42	64 40	53 37	48 37	47 31	50 29	49 29	66 46	55 44	70 42	48 33	49 29	60 39	55.1 35.5		
NORTHERN CENTRAL 06																																				
ABERDEEN PHILLIPS FLD	07	MAX MIN	43 16	46 26	48 26	64 32	69 51	54 29	52 30	47 31	63 27	42 24	49 25	52 36	55 27	57 28	63 38	50 39	48 31	52 33	49 41	60 45	55 37	49 36	41 31	52 30	52 31	65 45	55 42	68 28	49 29	49 30	53.3 32.5			
CATOCTIN MTN PARK	17	MAX MIN	39 30	44 20	65 30	60 53	58 30	50 26	48 32	55 32	37 18	49 25	49 34	50 35	58 27	62 43	57 40	53 35	53 23	48 33	57 36	59 34	50 28	49 29	44 23	47 28	49 25	68 39	61 38	65 42	59 25	48 24	47 26	52.8 31.1		
CONOWINGO DAM	07	MAX MIN OBS	43 15	48 25	50 30	63 34	66 50	55 30	51 28	49 40	60 27	44 15	49 24	58 35	58 35	60 38	63 40	61 40	52 30	52 39	52 39	59 33	54 29	54 29	51 26	54 29	43 26	53 29	68 37	55 33	56 30	55 22	57 30	54.6 31.2		
CYLBURN	08	MAX MIN OBS	45 28	45 27	47 32	67 39	68 42	53 28	52 31	48 34	51 30	48 26	51 26	52 34	54 28	53 29	62 43	61 35	50 30	51 30	47 39	64 40	51 34	52 36	47 28	48 31	51 29	52 30	69 43	54 41	66 32	49 28	48 37	53.4 32.9		
EMMITSBURG 2 SE	07	MAX MIN	42 16	44 23	45 27	66 31	61 43	48 27	51 27	45 24	51 22	51 22	52 23	52 35	59 25	62 26	60 37	48 41	51 26	51 26	64 38	50 34	53 28	45 26	47 25	48 23	51 23	68 39	52 41	61 28	49 26	47 28	52.1 29.6			
FREDERICK 2 NNE	07	MAX MIN OBS	46 20	45 24	49 25	68 30	65 45	49 29	54 30	54 30	56 26	42 26	52 27	55 34	54 28	63 28	65 40	59 43	48 27	51 30	53 40	65 42	51 36	54 36	46 28	48 27	48 25	53 24	69 42	53 42	65 32	58 28	48 28	54.4 31.4		
MILLERS 4 NE	18	MAX MIN	41 34	43 21	64 30	63 47	59 38	50 26	47 30	60 36	37 22	48 21	49 33	49 35	53 25	61 37	57 41	53 35	47 26	45 35	58 38	62 38	50 31	47 31	45 26	46 26	48 24	63 38	62 37	62 40	49 28	47 24	46 36	52.0 31.9		
SMITHSBURG 2NW	08	MAX MIN OBS	41 20	41 21	40 23	67 39 28	63 41	45 26	52 26	49 32	49 23	40 24	51 22	53 35	49 27	62 27	65 40	57 40	45 25	48 25	46 35	63 38	44 32	45 32	43 23	46 26	43 20	51 32	66 41	56 41	60 27	48 26	48 29	50.8 29.6		
APPALACHIAN MOUNTAIN 07																																				
CUMBERLAND 2	18	MAX OBS MIN	43 33	52 25	74 31	66 50 48	54 38	57 27	46 33	44 32	41 24	53 26	56 37	56 39	65 30	68 37	58 44	54 38	52 28	51 41	49 41	54 37	56 35	52 36	50 27	49 29	57 25	68 50	65 43	54 46	53 30	52 33	68 42	55.4 35.0		

MARYLAND AND DELAWARE
MARCH 2008

DAILY TEMPERATURES (°F)

STATION	OB.TIME	MAX/MIN	DAY OF MONTH																												AVERAGE						
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		29	30	31			
FROSTBURG 2	07	OBS																					25														
		MAX	34	32	43	63	53	36	52	38	39	30	47	48	47	63	59	50	33	46	40	55	44	48	35	42	40	50	61	55	53	41	53	41	43	45.8	
		MIN	10	9	11	33	33	26	26	33	14	14	24	30	26	26	37	31	21	20	35	30	27	27	19	19	19	19	19	43	41	22	22	26	26	24.9	
SHARPSBURG 5 S	07	OBS		17	20																																
		MAX	43	46	48	70	65	49	54	47	49	41	52	55	54	64	64	58	46	50	53	65	51	54	46	48	48	53	69	53	64	48	46	53.3			
		MIN	22	19	19	33	43	26	26	30	25	22	24	33	26	26	38	41	25	26	42	40	29	33	22	22	22	21	42	42	26	25	27	28.9			
WILLIAMSPORT	06	MAX	42		47	72				46	48	41	53	55	54	63	64	59	47	50	52	61	51	55	45	50	49	54	69	53		58	47	53.3			
		MIN	19		23	29				31	26	25	25	34	29	28	40	42	31	29	40	41	37	35	29	28	25	25	41	43		29	29	31.3			
ALLEGHENY PLATEAU 08																																					
OAKLAND 1 SE	07	MAX	35	31	50	65	39	31	50	40	40	29	45	45	47	69	60	49	31	46	44	61	42	45	48	40	43	39	49	58	54	60	46	46.2			
		OBS	31	50	65	39	31	50	40	40	29	45	45	47	69	60	49	31	46	44	61	42	45	48	40	43	39	49	58	54	60	46	45				
		MIN	5	6	14	32	24	28	31	14	15	15	24	23	24	27	29	18	19	19	28	27	27	15	16	16	16	16	27	20	22	22	23	20.7			
SAVAGE RIVER DAM	08	MAX	36	36	46	64	55	37	50	40	36	32	47	46	49	68	60	53	36	46	44	55	43	47	42	43	42	53	61	55	56	48	49	47.6			
		MIN	9	9	22	30	35	28	28	32	19	19	23	30	27	27	36	35	24	24	37	33	32	31	22	22	22	22	42	42	26	26	31	27.3			
		OBS			30																																
DELAWARE NORTHERN 01																																					
BEAR 2 SW M	MID	MAX	46	46	63	69	60	53	47	66	42	49	52	51	48	62	59	50	50	44	65	64	52	49	48	50	49	65	52	67	49	49	59	54.0			
NEWARK UNIV FARM	17	MAX	33	27	26	55	34	27	30	33	28	22	33	35	25	36	45	39	31	37	42	37	35	35	26	26	24	41	37	41	31	30	39	33.5			
		MIN																																			
WILMINGTON NEW CASTLE M	MID	MAX	48	47	65	69	59	50	49	61	43	49	53	52	49	63	61	51	52	45	64	65	52	51	48	52	50	65	52	68	51	50	59	54.6			
		MIN	33	27	31	53	34	30	35	33	29	25	33	33	29	38	45	38	31	40	41	36	35	35	26	27	30	42	40	39	30	28	39	34.4			
WILMINGTON PORTER RSVRM	MID	MAX	43	42	63	66	51	49	46	62	39	47	52	48	49	61	57	48	49	44	57	60	48	48	46	48	48	62	51	66	47	54	51	51.7			
		MIN	31	27	33	51	31	32	35	33	27	26	36	36	30	40	43	38	30	38	39	35	39	35	30	32	31	42	37	38	30	35	37	34.7			
SOUTHERN 02																																					
DOVER	16	MAX	48	47	63	70	68	54	59	66	65	45	52	52	53	57	59	58	48	47	64	63	54	53	48	52	52	66	66	73	73	48	60	57.5			
		MIN	36	29	30	54	48	30	35	49	29	28	36	39	28	39	45	41	30	39	43	43	38	39	29	31	32	42	42	46	31	32	41	37.2			
		OBS																																			
GREENWOOD 2NE	07	MAX	45	49	47	64	71	57	54	60	67	42	49	53	54	59	61	60	49	49	56	69	52	52	48	49	50	51	68	58	77	48	47	55.3			
		MIN	16	26	28	30	52	29	30	42	28	25	25	36	27	27	39	41	31	31	38	46	38	34	26	25	26	26	38	43	33	30	30	32.1			
LEWES	17	MAX	49	47	66	71	64	57	49	64	66	47	53	55	55	57	57	56	49	49	71	71	53	53	47	47	49	69	69	78	59	47	63	57.6			
		MIN	39	29	31	54	50	31	39	49	30	35	39	42	33	42	46	42	34	39	45	46	38	37	36	29	36	43	44	51	37	36	40	39.4			

PAN EVAPORATION AND WIND

STATION		DAY OF MONTH																															TOTAL OR AVERAGE	
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND UPPER SOUTHERN 04 UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	EVAP	-	-	-	18	12	16	10	*	*	19	8	*	25	13	*	*	43	*	21	6	27	*	*	36	9	21	18	3	*	*	40	3.82	
	MAX	47	56	58	68	69	68	67	47	61	53	55	60	64	65	74	74	61	65	56	61	63	65	62	67	59	66	70	58	71	66	58	62.4	
	MIN	34	36	36	38	53	38	38	39	33	32	36	39	38	38	43	47	36	36	43	45	37	37	37	37	36	36	40	44	38	38	39	38.6	

Evaporation: Is measured in hundreths of inches.

Wind: Is measured in miles.

Max and Min: The maximum and minimum temperatures (Fahreheit) of the water in the evaporation pan.

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION		DAY OF MONTH																																
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND NORTHERN CENTRAL 06 MILLERS 4 NE SN ON GND APPALACHIAN MOUNTAIN 07 CUMBERLAND 2 SN ON GND 1 - - FROSTBURG 2 SHARPSBURG 5 S SN ON GND ALLEGHENY PLATEAU 08 OAKLAND 1 SE SAVAGE RIVER DAM	SNOWFALL	T							T								T						T											
	SNOWFALL	1.0																																
	SNOWFALL	3.8							.7			.1									T			T										
	SN ON GND	7	6	5	1					1	T		T									T			T									
	SNOWFALL		T																															
	SNOWFALL	-							-	-	-	-	-								-			-										
	SN ON GND	2							-	4	-	-	-								1			1										
	WTR EQUIV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SNOWFALL	-																																
	SN ON GND	2	2	2							T																							
DELAWARE NORTHERN 01 BEAR 2 SW SN ON GND WILMINGTON NEW CASTLE SN ON GND WTR EQUIV	SNOWFALL																																	
	SNOWFALL																																	
	SNOWFALL																																	

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid-Mid (LST).

Snow on ground: Includes snow, sleet, ice, and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).

Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT)

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER	
							LOCAL STD TIME					
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)		
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	07	07			C H	US ARMY ABERDEEN TST CTR
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	MID	MID			H	ASSATEAGUE IS NATL SEA
BALTIMORE WASH INTL AP R	0465	04	ANNE ARUNDEL	39 10	76 41W	156	MID	MID			C HJ	ASOS - FAA
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 56W	145	08	08	08		C H	USDA AGRICULT RES SVC
CATOCTIN MTN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17			H	CATOCTIN MOUNTAIN PK
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	23	23			H	THOMAS W ELIASON JR
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	07	07			H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	18	18			H	TIMOTHY B THOMAS
CYLBURN	2308	06	BALTIMORE	39 22	76 38W	400	08	08			H	CYLBURN ARBORETUM
DALECARLIA RESERVOIR	2325	04	PRINCE GEORG	38 56	77 7W	150	08	08			H	USA CORPS OF ENGINEERS
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	22	22			H	INACTIVE 07/31/2007
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 17W	403	07	07			H	ERIC E GLASS
FREDERICK 2 NNE	3353	06	FREDERICK	39 26	77 24W	280	07	07			H	DIR PUBLIC WORK WTP
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 5W	2170	07	07			H	GREGORY P LATTA
LAUREL 3 W	5111	04	PRINCE GEORG	39 5	76 54W	400	MID	MID			H	WA SUBURBAN SANITARY COM
MD SCI CTR BALTIMORE R	5718	04	BALTIMORE (C	39 17	76 37W	20	MID	MID			C H	ASOS - NWS
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 28	76 42W	100	07	07			H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18			C H	ROBERT MILLER
NATL ARBORETUM DC	6350	04	PRINCE GEORG	38 55	76 58W	50	07	07			H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 25	79 24W	2420	07	07			H	GARRETT CO MEM HOSPITAL
OXON HILL	6800	04	PRINCE GEORG	38 48	77 0W	120	08	08			H	BRIAN SMITH
POTOMAC FLTR PLT	7272	06	MONTGOMERY	39 2	77 15W	270		08			H	POTOMAC WATER FILT PLANT
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17			H	UNIV OF MD EAST SHORE
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	17	17			H	CITY OF SALISBURY
SALISBURY FAA AP	8005	01	WICOMICO	38 20	75 31W	48	MID	MID			H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08		C H	USA CORPS OF ENGINEERS
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	07	07			H	DAVID DOWNIN
SMITHSBURG 2NW	8371	06	WASHINGTON	39 40	77 35W	670	08	08			H	SMITHSBURG WWTP
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17			H	CURTIS E SHOCKLEY
SOLOMONS	8405	03	CALVERT	38 19	76 27W	12	08	08			H	CHESAPEAKE BIOLOGIC LAB
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	08	08	08		H	UNIVERSITY OF MARYLAND
VIENNA	9140	02	DORCHESTER	38 29	75 49W	10	18	18			H	DELMARVA POWER & LIGHT
WILLIAMSPORT	9570	07	WASHINGTON	39 36	77 50W	360	06	06			H	R C WILSON TREATMENT PLT
DELAWARE												
BEAR 2 SW	1200	01	NEW CASTLE	39 36	75 44W	80	MID	MID			H	R. GARY GALLAHER
DOVER	2730	02	KENT	39 16	75 31W	30	16	16			H	DEPT OF TRANSPORTATION
GREENWOOD 2NE	3595	02	SUSSEX	38 49	75 35W	45	07	07			H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 47	75 8W	15	17	17			H	BOARD OF PUBLIC WORKS
NEWARK UNIV FARM	6410	01	NEW CASTLE	39 40	75 45W	90	17	17	17		C H	UNIV OF DE AGR FARM
WILMINGTON NEW CASTLE R	9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID			C HJ	ASOS - FAA
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID			H	WILMINGTON WATER DEPT

REFERENCE NOTES

DEFINITIONS

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (i.e. not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 2002, the averaging period is 1971 to 2000. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

PRECIPITATION: Values shown in hundredths of inches are water equivalent totals, i.e., total of liquid and melted frozen precipitation. In the "Monthly Summarized Data" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The number of days with .10, .50, 1.00 or more refers to water equivalents.

PRECIPITATION QUALITY CONTROL: The NCDC quality control process may delete precipitation data that are spatially inconsistent; exceed climatological limits, or are inconsistent with prevailing weather patterns.

TEMPERATURE: Original and edited temperature values are given in the "Daily Temperature" table. Edited values are produced when an original value is missing or when surrounding stations indicated a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or *** (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

WIND: (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

Thermometers located in a rooftop shelter.
// Rain gage equipped with a windshield
AR Observation made "after rain" has occurred.
C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.
G Observations appear in the "Soil Temperatures" table.
H Observations appear in the "Snowfall and Snow on the Ground" table.
J Station also published as a Local Climatological Data publication.
MID Observation time is midnight.
MO Rain gage read once monthly, usually the last day.
OC Rain gage readings vary from a few weeks to several months.
R Amounts from recording rain gage.
SR Observation time near sunrise.

SS Observation time near sunset.
VAR Observation time varies.
WI Rain gage read weekly or irregularly.
WM Rain gage read weekly and last day of the month.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK Entries in the "Monthly Summarized Data" table indicate no record.

BLANK Entries in the "Daily Precipitation" and "Snowfall and Snow on the Ground" tables indicate zero.

BLANK Entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See *** below)

- No record. Data not recorded, determined unreliable by quality control check, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

*** Missing original temperature which has been estimated during edit.

* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
// Rain gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (Hawaii stations)

B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

V Includes total for previous month(s). (See * above)

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary."

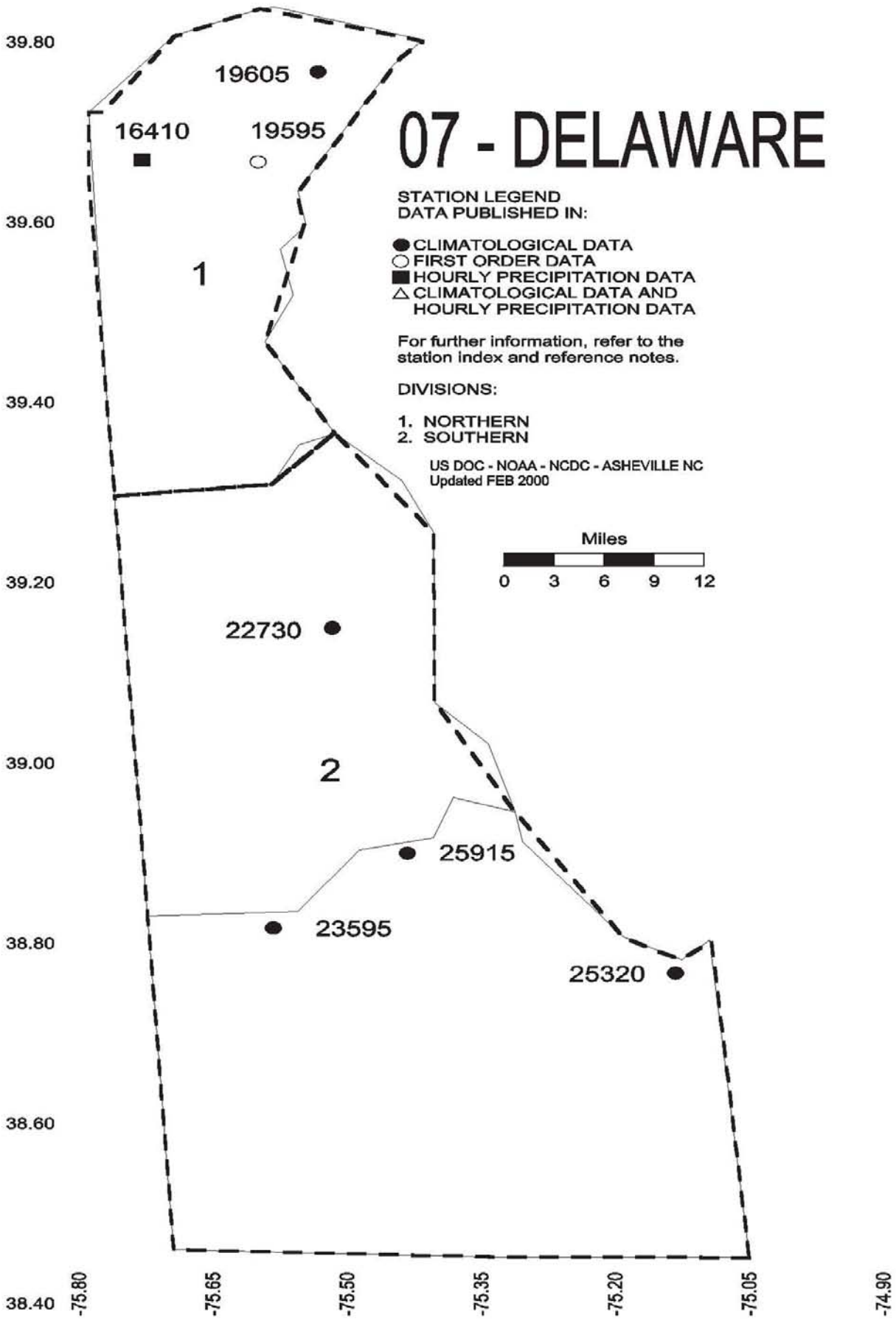
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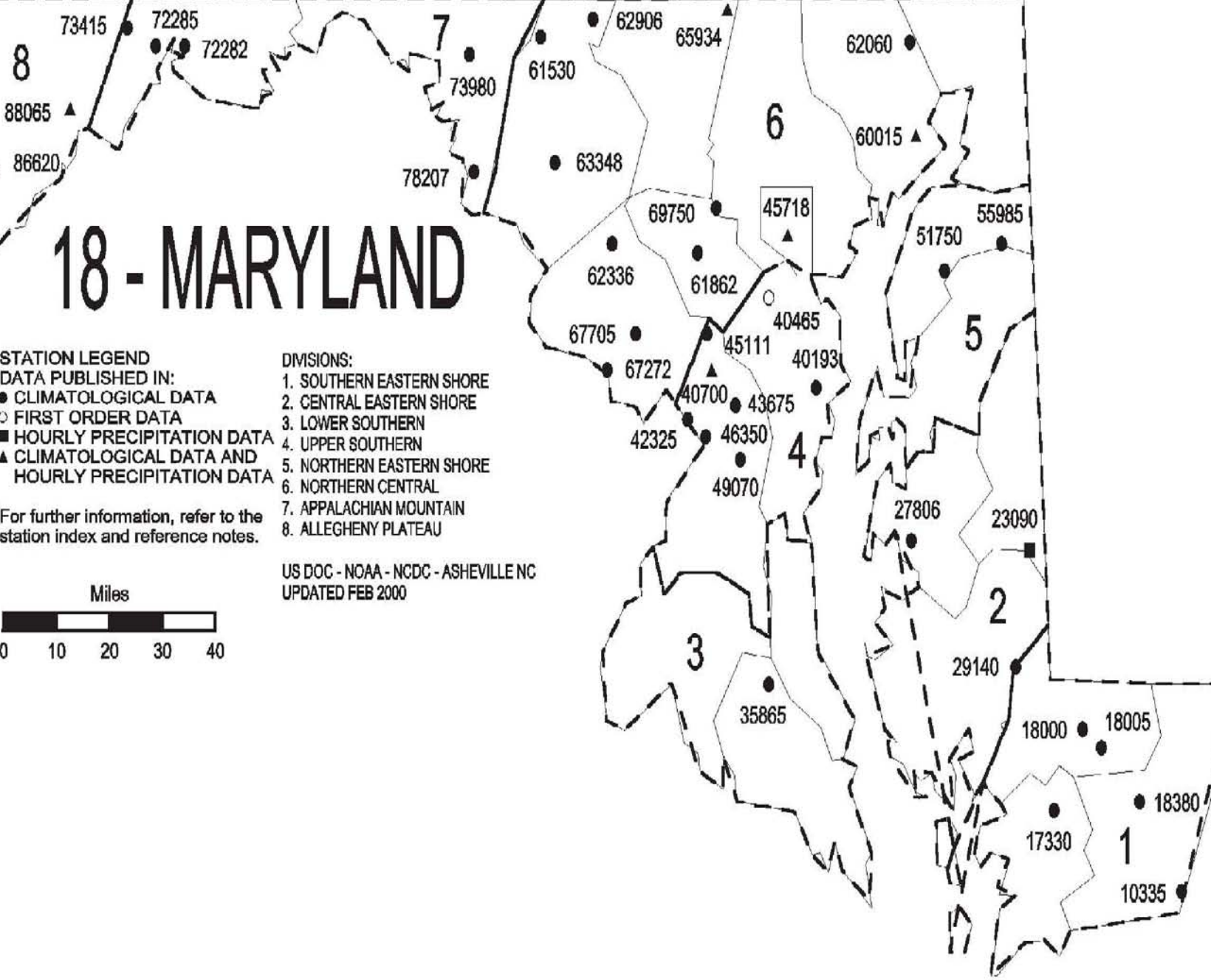
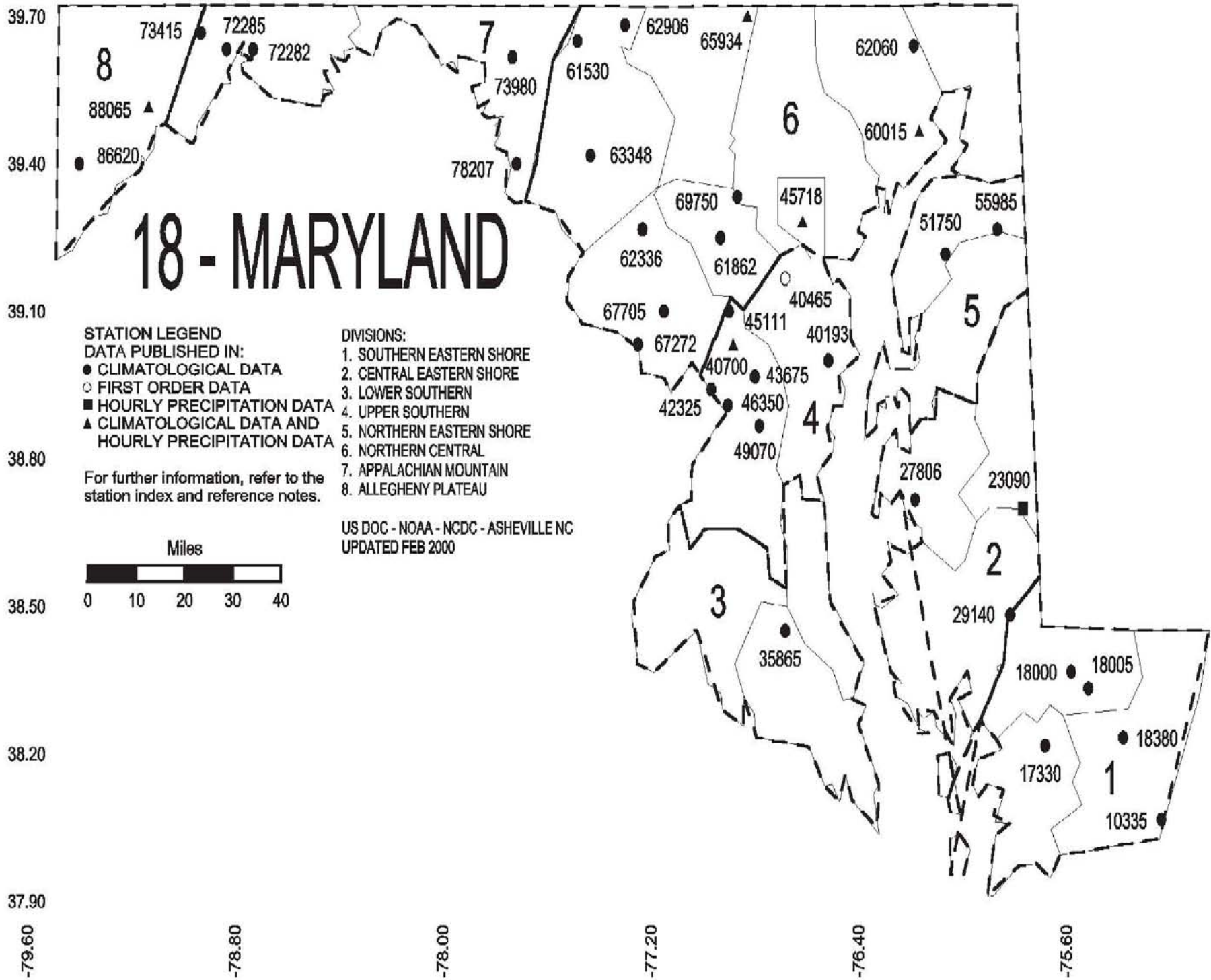
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