



CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

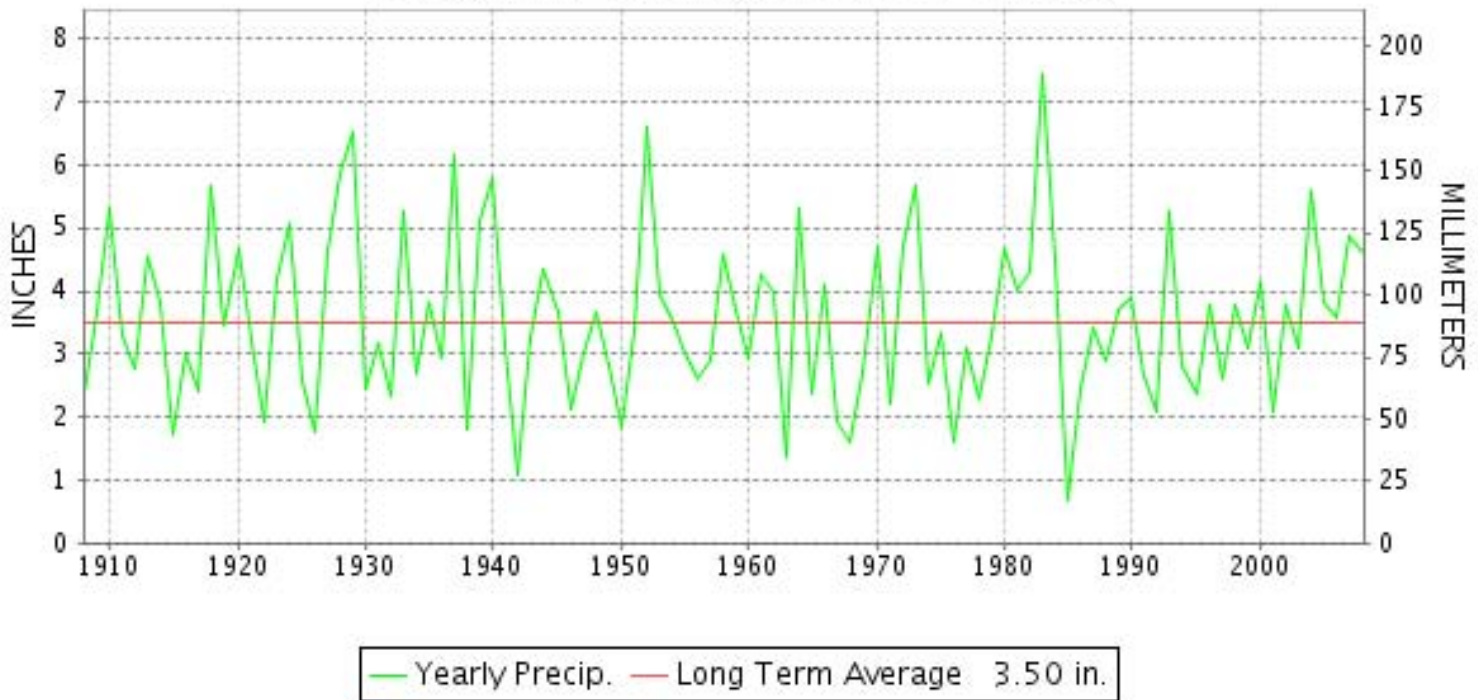


APRIL 2008

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APRIL PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	87	APRIL 26+	5 STATIONS
LOWEST TEMPERATURE	22	APRIL 14+	2 STATIONS
GREATEST TOTAL PRECIPITATION	8.12		SMITHSBURG 2NW
LEAST TOTAL PRECIPITATION	2.88		CHESTERTOWN
GREATEST 1 DAY PRECIPITATION	2.98	APRIL 21	FREDERICK 2 NNE

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DELAWARE			
HIGHEST TEMPERATURE	85	APRIL 20	GREENWOOD 2NE
LOWEST TEMPERATURE	27	APRIL 3	BEAR 2 SW
GREATEST TOTAL PRECIPITATION	3.14		LEWES
LEAST TOTAL PRECIPITATION	1.97		WILMINGTON NEW CASTLE R
GREATEST 1 DAY PRECIPITATION	1.32	APRIL 29	GREENWOOD 2NE

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										
MARYLAND SOUTHERN EASTERN SHORE 01																								
ASSATEAGUE	63.0	46.5	54.8	2.3	84	18	31	16	304	2	0	0	3	0	5.81	2.56	2.03	21	.0	0		8	4	2
PRINCESS ANNE	M	M	M		85	18	25	17+			0	0	4	0	4.92	1.69			.0	0		2	2	1
SALISBURY	69.2	48.3	58.8	2.9	85	19+	31	17	199	20	0	0	1	0	5.27	1.93	1.62	21	.0	0		9	4	2
SALISBURY FAA AP	66.5	43.2	54.9	.6	85	18	25	16+	301	4	0	0	6	0	4.81	1.40	1.76	21	.0	0		9	2	1
SNOW HILL 4 N	69.5	47.2	58.4	2.9	86	19	27	16	202	10	0	0	2	0	5.61	2.37	1.91	21	.0	0		9	4	2
--DIVISIONAL DATA----->			56.7	2.6											5.28	2.02			.0					
CENTRAL EASTERN SHORE 02																								
ROYAL OAK 2 SSW	69.0	48.4	58.7	2.6	85	18	32	3	202	22	0	0	1	0	3.60	.10	1.20	21	.0	0		6	4	1
VIENNA	69.7	46.2	58.0	2.4	87	19+	30	3	221	15	0	0	2	0	4.24	.91	1.43	21	.0	0		8	3	1
--DIVISIONAL DATA----->			58.4	3.9											3.92	.53			.0					
LOWER SOUTHERN 03																								
MECHANICSVILLE 5 NE	66.3	45.0	55.7	.4	86	19	31	17+	288	13	0	0	3	0	3.92	.43	1.05	21	M .0	0		9	3	1
SOLOMONS	65.2	45.7M	55.5M		80	19	31	16	314	4	0	0	1	0	M 3.33	.98		21	M .0	0		6	3	0
--DIVISIONAL DATA----->			55.6	1.4											3.92	.72								
UPPER SOUTHERN 04																								
BALTIMORE WASH INTL AP R	65.8	45.8	55.8	2.6	85	18	30	3	274	6	0	0	1	0	4.62	1.62	1.32	21	.0	0		9	4	1
BELTSVILLE	65.9	45.3	55.6	2.3	85	19	31	3	292	16	0	0	1	0	5.57	2.24	2.20	21	.0	0		11	4	1
DALECARLIA RESERVOIR	67.7	45.5	56.6	1.0	87	26	34	3	273	28	0	0	0	0	5.74	2.20	2.25	21	.0	0		11	4	1
LAUREL 3 W	65.9	47.2	56.6	1.7	83	18	36	14+	267	20	0	0	0	0	5.41	1.80	1.59	20	.0	0		9	4	2
MD SCI CTR BALTIMORE R	65.7	50.0	57.9		86	18	39	3	231	24	0	0	0	0	3.35		.97	28	M	M		9	2	0
NATL ARBORETUM DC	67.2	46.6	56.9	2.8	85	19	35	3	260	22	0	0	0	0	5.85	2.59	2.08	21	.0	0		9	4	1
OXON HILL	68.2	47.6	57.9		87	19	36	17+	241	34	0	0	0	0	6.99		2.03	21	.0	0		10	6	3
UPPER MARLBORO 3 NNW	66.8	44.8	55.8	2.4	86	19	30	3	280	13	0	0	2	0	6.94	3.66	2.40	21	.0	0		9	6	1
--DIVISIONAL DATA----->			56.6	2.5											5.56	2.22			.0					
NORTHERN EASTERN SHORE 05																								
CHESTERTOWN	65.6	47.2	56.4	2.3	83	18	35	16+	259	7	0	0	0	0	2.88	-.46	.64	28	.0	0		8	2	0
--DIVISIONAL DATA----->			56.4	3.1											2.88	-.51			.0					
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	65.6	44.9	55.3	.7	85	19	34	17+	291	5	0	0	0	0	3.08	-.28	.97	29	.0	0		5	3	0
CATOCTIN MTN PARK	66.5	42.5	54.5	2.6	82	19+	28	14	314	6	0	0	5	0	6.53	2.57	2.10	20	.0	0		5	5	2
CONOWINGO DAM	67.1	42.1	54.6	2.2	87	25	22	3	310	5	0	0	4	0	5.43	1.78	2.30	21	.0	0		8	3	2
CYLBURN	65.4	43.2	54.3		85	19	30	3	315	5	0	0	1	0	4.32				.0	0		5	2	1
EMMITSBURG 2 SE	64.7	40.9	52.8	.0	83	20+	27	4+	360	1	0	0	5	0	6.88	3.08	2.22	21	.0	0		8	5	3

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	66.3	42.9	54.6		84	20+	30	3	311	8	0	0	3	0	6.39		2.98	21	.0	0		8	5	1
MILLERS 4 NE	65.2	43.6	54.4	2.6	81	19+	27	3	314	3	0	0	2	0	6.32	2.87	1.38	21	T	T		8	6	3
SMITHSBURG 2NW	64.0	41.3	52.7		81	27	27	15	371	6	0	0	6	0	8.12		2.80	21	.0	0		9	5	3
--DIVISIONAL DATA-----> APPALACHIAN MOUNTAIN 07			54.2	1.9											5.88	2.35			.0					
CUMBERLAND 2	70.9	46.7	58.8	5.9	87	26+	30	15	205	24	0	0	2	0	5.62	2.46	1.74	21		0		9	4	2
FROSTBURG 2	61.6	40.0	50.8	4.9	82	27	29	15	419	0	0	0	7	0	4.63	.66	.95	20	M .0	T		11	3	0
SHARPSBURG 5 S	66.1	41.9	54.0		84	19	27	3	332	8	0	0	4	0	6.55		2.63	21	.0	0		7	3	3
WILLIAMSPORT	66.3	42.7	54.5		83	19	32	17+	313	5	0	0	3	0	5.62		2.34	21	.0	0		8	3	2
--DIVISIONAL DATA-----> ALLEGHENY PLATEAU 08			54.5	3.8											5.61	2.22			.0					
OAKLAND 1 SE	60.9	36.1	48.5	1.0	79	27+	22	14	488	0	0	0	10	0	3.41	-.66	.68	28	.0	0		10	2	0
SAVAGE RIVER DAM	62.7	40.4	51.6	4.2	81	27	28	15	397	0	0	0	4	0	3.45	.07	.97	20	.0	0		9	3	0
--DIVISIONAL DATA-----> DELAWARE NORTHERN 01			50.1	3.1											3.43	-.41			.0					
BEAR 2 SW	65.4	44.3	54.9		84	18	27	3	298	1	0	0	4	0	2.27		.57	28	.0	0		7	1	0
WILMINGTON NEW CASTLE R	64.6	44.8	54.7	2.3	81	18	32	16	301	1	0	0	1	0	1.97	-1.42	.68	28	.0	0		6	1	0
WILMINGTON PORTER RSVR	64.0	46.3	55.2	3.7	82	19	33	3	292	5	0	0	0	0	2.22	-1.79	1.00	28	.0	0		6	1	1
--DIVISIONAL DATA-----> SOUTHERN 02			54.9	2.5											2.15	-1.48			.0					
DOVER	66.3	46.9	56.6	2.0	81	18	34	3	248	3	0	0	0	0	3.12	-.35	.80	12	.0	0		8	2	0
GREENWOOD 2NE	65.4	43.9	54.7	2.5	85	20+	30	17+	308	5	0	0	4	0	3.08	-.37	1.32	29	.0	0		5	2	1
LEWES	65.5	48.0	56.8	2.2	78	17	35	15	245	5	0	0	0	0	3.14	-.40	.71	4	.0	0		7	2	0
--DIVISIONAL DATA----->			56.0	2.8											3.11	-.36			.0					

MARYLAND AND DELAWARE
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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	5.81			.31	.65	.45	.57			.03			.26									2.03						.05	1.33	.13		
PRINCESS ANNE	4.92	*	.17		.89	*	*	.77												*	*	1.78				*	*	.20	1.11			
SALISBURY	5.27	.13	.15	.02	.70	.18	.50	.20	T	.04	T		.13	T								1.62	.05				.02	.05	.09	1.39		
SALISBURY FAA AP	4.81	.10		.30	.44	.16	.44	.01	T	.02			.18	T	.01							1.76	.01					.31	.98	.09		
SNOW HILL 4 N	5.61	T	.32	T	.76	.23	.70	.02		.01	.01		.19		T							1.91						.24	.15	1.07		
CENTRAL EASTERN SHORE 02																																
ROYAL OAK 2 SSW	3.60			T	.78	.02	.55	.02					.19	.06								1.20	.03					T	.60	.15		
VIENNA	4.24		.04		.71	.13	.36	*	.11	.03	.02		.04									1.43	.24	.21					.16	.76		
LOWER SOUTHERN 03																																
MECHANICSVILLE 5 NE	3.92	.01	.01		.63	.01	.39	.10	.02	T	T			.20							.17	1.05	.47	T				.01	.11	.74	T	
SOLOMONS	M 3.33	.06	.04		.56	*	.64	.12	T	T	.02		*	.02						-		.98	.21	T			-	T	.10	.58		
UPPER SOUTHERN 04																																
BALTIMORE WASH INTL AP R	4.62	.09		.60	.10	T	.30	.01	T	T	T	.12	.04	.02	T							.65	1.32				.39	.10	.88	T		
BELTSVILLE	5.57	.10	.10		.72	.01	.23	.11					.12	.03	.01							.22	2.20	.36				.51	.09	.76		
DALECARLIA RESERVOIR	5.74	.15			.83		.31	.13	.01				.20	.04								.18	2.25	.53				.32	.10	.69		
LAUREL 3 W	5.41	.12		.62	.18		.37						.38								1.59	.75					.38	1.02				
MD SCI CTR BALTIMORE R	3.35	.09		.58	.13		.20					.19	.08	.01							.34	.43				.22	.11	.97				
NATL ARBORETUM DC	5.85	.09	.03		.77		.34	.07	T	T	T		.14	.01	.04						.21	2.08	.71	T				.27	.11	.98		
OXON HILL	6.99	.05	.02		.77	.02	.33	.25	.02	T	T	T	.01	1.01	.04						.10	2.03	.62	T				.56	.10	1.06		
UPPER MARLBORO 3 NNW	6.94	.03	.04		.71		.84	.04	.01					.59							.33	2.40	.72					.20	.13	.90		
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN	2.88	.25		.39	.29		.51		.02				.13	T	.05						T	.26						.34	.64			
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	3.08	.05	.05		.60			.46	T	T					.02							.52							.41	.97		
CATOCTIN MTN PARK	6.53	.06				.01	.02			.05			.96		.05						2.10	.85				.05	1.53	.85				
CONOWINGO DAM	5.43	.17	.06		.69	.03	.25	.06			.01		.43									2.30						.10	.10	1.23		
CYLBURN	4.32	*	.06		.76	.01	.21	.01	T	T			.25		.07							1.18	.03					.38	*	1.36		
EMMITSBURG 2 SE	6.88	.24			.53	.06	T	T	.01				1.11		.06						T	2.22	.17			.07	1.59	.27	.55			
FREDERICK 2 NNE	6.39	.18			.57	.03	.13	.03					.77	T	.07						.02	2.98	.07			.04	.72	.20	.58			
MILLERS 4 NE	6.32	.14	T	T	.59	.01	.02	.03	.01	T	T		.71	T	.11						1.26	1.38	T			.02	1.17	.87			T	
POTOMAC FLTR PLT	7.53			.79	.19		.40						.34	.03	.06						2.80	1.45	.03			.46	.29	.69				
SMITHSBURG 2NW	8.12	.07			.42	.10							1.50		.50							2.80	.26			.05	1.62	.25	.55			
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	5.62		.02		.26	.07	.07	.03					.21		.01						1.16	1.74	.13				.23	.74	.33	.60	.02	

MARYLAND AND DELAWARE
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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	4.63		.08		.26	.16	.14	.01	.01				.15	.01	.05						.95	.90	.66				.15	.08	.37	.46	.19	
SHARPSBURG 5 S	6.55	.06	T		.47	.02	.08	T	T		T		1.15	T	.03						.06	2.63	.33					1.00	.29	.43		
WILLIAMSPORT	5.62	.01			.43	.19	.01		.01				1.00		.01						.01	2.34	.38				.01	.55	.31	.36		
ALLEGHENY PLATEAU 08																																
OAKLAND 1 SE	3.41	.05		.29	.30	.40						.23	.04	.16								.40		.02			.15	.53	.68	.14	.02	
SAVAGE RIVER DAM	3.45				.30	.12	.18	.07					.10		.05						.97	.62	.13					.50	.33	.08		
DELAWARE																																
NORTHERN 01																																
BEAR 2 SW	2.27	.29		.27	.22		.40		.01		.01	.04	.10	.01	T						.27	T						.08	.57			
WILMINGTON NEW CASTLE R	1.97	.26		.29	.22		.29	T	.01			.03	.02	.01			T	T			.01	T				T	.15	.68				
WILMINGTON PORTER RSVR	2.22	.16		.39	.22		.25						.20															1.00				
SOUTHERN 02																																
DOVER	3.12	.03	.13		.63		.42		.04				.80		.04							.29						.24	.19	.31		
GREENWOOD 2NE	3.08		.12		.69	.06	.44	.05	.01	T	.01		.16		.04							.06	.06					.03	.03	1.32		
LEWES	3.14	.09			.71		.48	.06	.11	.04	.02	.03		.04						.08	.25					.02	.39	.15	.67			

MARYLAND AND DELAWARE
APRIL 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	
MARYLAND SOUTHERN EASTERN SHORE 01																																		
ASSATEAGUE M	MID	MAX MIN OBS	62 51 46	64 35 46	53 41 46	62 46 46	69 50 44	51 44 44	47 44 44	50 43 44	52 44 44	60 46 48	62 48 52	65 51 44	65 54 32	56 31 32	60 31 32	66 32 42	84 42 42	73 49 49	69 54 54	59 54 53	63 53 53	65 53 51	81 51 51	71 51 51	76 56 52	60 52 51	63 51 51	66 51 51	62 44 44	63.0 46.5		
PRINCESS ANNE	17	MAX MIN		64 39	55 25	66 38			70 38	50 38	53 38	73 44	76 48			77 38	58 28	64 25	74 25	85 34			63 55	65 50	76 50	80 47				69 43	67 45	62 40	M M	
SALISBURY	17	MAX OBS MIN OBS	74 57 45	68 45 37	55 37 42	69 42 60	67 45 43	62 43 43	46 43 43	47 43 43	53 43 43	74 49 53	77 53 64	76 51 36	76 35 41	59 35 41	66 35 31	75 31 44	85 44 52	85 56 ***	82 56 ***	72 56	71 56	75 56	78 54	80 48	82 59	72 52	68 51	65 51	61 48	69.2 48.3		
SALISBURY FAA AP M	MID	MAX MIN	74 59	65 26	53 25	68 47	67 49	49 43	45 42	47 43	52 42	74 48	77 51	71 60	61 47	56 30	58 28	65 25	74 26	85 33	84 41	76 53	62 55	70 55	74 50	78 45	78 43	82 49	61 50	67 51	60 40	62 41	66.5 43.2	
SNOW HILL 4 N	17	MAX MIN OBS	74 56	72 45	58 34	71 43	70 61	64 45	46 43	49 43	53 43	74 47	77 53	74 60	71 50	57 44	59 32	64 27	76 39	85 38	86 45	79 56	69 56	71 56	75 55	81 49	77 46	84 52	71 53	69 51	64 51	64 42	69.5 47.2	
CENTRAL EASTERN SHORE 02																																		
ROYAL OAK 2 SSW	18	MAX MIN	71 55	71 42	55 32	69 39	67 54	59 45	48 42	52 43	61 43	70 51	75 54	74 63	70 50	56 41	59 38	67 36	74 37	85 46	84 52	78 60	69 57	73 55	75 54	77 56	80 51	84 60	76 53	66 46	63 50	63 46	69.0 48.4	
VIENNA	18	MAX OBS MIN OBS	72 59 56	72 59 42	56 30	61 40	69 53	67 38	51 40	49 37	54 42	71 49	75 52	75 61	72 49	57 41	60 38	68 32	75 33	87 33	87 50	82 58	75 55	71 54	76 53	79 55	77 49	83 49	70 53	68 50	67 49	65 46	69.7 46.2	
LOWER SOUTHERN 03																																		
MECHANICSVILLE 5 NE	07	MAX MIN	60 37	76 44	57 31	50 37	69 42	64 45	48 42	46 42	50 44	65 45	73 51	82 58	76 45	58 41	56 36	58 31	67 31	74 43	86 44	83 49	68 55	59 54	70 54	73 53	76 51	82 54	83 54	55 51	65 47	60 38	66.3 45.0	
SOLOMONS	08	MAX OBS MIN	63 43	77 40	57 40	50 40	67 41	61 41	49 41	48 41	51 42	58 44	61 48	70 47	75 41	61 41	56 31	58 41	68 41	69 49	80 52	79 52	67 54	63 54	73 55	74 55	78 55	73 55	79 55	63 51	67 50	62 46	65.2 45.7	
UPPER SOUTHERN 04																																		
BALTIMORE WASH INTL APM	MID	MAX MIN	75 51	56 35	50 30	60 41	62 48	50 45	47 42	51 41	61 42	73 50	78 53	75 55	56 43	56 38	60 41	67 35	76 36	85 43	83 48	72 58	62 57	71 55	74 51	78 53	76 48	80 56	56 49	63 49	61 46	59 36	65.8 45.8	
BELTSVILLE	08	MAX MIN	57 41	74 42	55 31	50 37	61 43	63 45	49 42	47 42	52 40	67 44	75 51	79 57	76 43	54 37	55 40	59 33	69 37	78 42	85 46	82 58	65 57	62 55	71 53	76 52	78 48	81 58	81 53	56 50	59 47	62 36	65.9 45.3	
DALECARLIA RESERVOIR	08	MAX MIN	59 41	77 41	52 34	52 37	62 36	65 44	52 42	50 42	54 44	69 46	77 50	85 59	78 42	57 38	57 37	61 36	71 35	79 44	86 49	85 59	64 56	62 53	73 58	74 58	79 52	87 52	85 52	58 49	59 47	63 39	67.7 45.5	
LAUREL 3 W M	MID	MAX MIN	74 48	58 37	49 36	58 38	63 38	51 42	45 40	51 42	66 42	74 48	79 53	75 59	61 46	60 36	58 38	67 46	76 42	83 54	81 57	70 56	60 56	71 53	74 56	76 56	79 56	80 59	60 51	59 48	60 46	58 39	65.9 47.2	

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	MAX MIN	75 52	57 42	50 39	57 42	62 50	51 46	49 43	53 44	59 43	70 52	75 55	77 57	57 46	56 41	60 43	67 46	73 49	86 54	80 59	73 58	63 57	72 56	74 56	78 61	77 59	80 56	57 50	62 49	62 49	59 45	65.7 50.0	
NATL ARBORETUM DC	07	MAX MIN	55 41	75 43	59 35	51 38	66 41	64 43	49 42	48 42	53 43	69 46	77 51	82 56	76 48	55 39	57 39	61 36	71 40	79 47	85 49	83 56	63 54	60 55	73 56	77 56	79 52	83 57	84 52	56 50	63 49	63 39	67.2 46.6	
OXON HILL	08	MAX MIN	54 42	77 44	59 36	52 41	65 43	66 46	50 43	48 43	53 45	70 47	79 53	84 58	77 49	59 39	58 40	62 36	71 36	79 47	87 51	86 56	65 58	60 54	72 55	78 56	81 54	85 58	85 54	56 52	65 49	63 42	68.2 47.6	
UPPER MARLBORO 3 NNW	08	MAX MIN	62 41	76 42	56 30	50 37	64 42	65 44	48 41	46 41	51 42	68 43	75 51	82 55	75 45	56 37	56 38	61 32	67 35	78 43	86 47	83 52	70 58	60 53	72 53	76 54	79 50	79 54	81 52	55 50	64 46	62 36	66.8 44.8	
NORTHERN EASTERN SHORE 05																																		
CHESTERTOWN	23	MAX MIN OBS	72 57	64 40	51 35	61 39	59 49	49 45	47 41	51 41	61 50	71 50	77 53	71 61	61 46	54 37	58 40	66 35	74 37	83 47	82 49	75 57 33	64 56	71 51	75 50	76 55	76 48	79 57	57 48	64 48	61 48	58 45	65.6 47.2	
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	07	MAX OBS	60	73	56	54	55	60	50	49	53	61	73	78	72	54	57	60	68	75	85	82	74	64	73	75	78	76	76 58	56	62	60	65.6	
		MIN	43	43	35	36	41	44	42	43	43	44	53	55	45	39	40	34	34	39	47	51	55	54	51	52	48	50	49	49	48	40	44.9	
CATOCTIN MTN PARK	17	MAX MIN OBS	72 46	72 32	50 32	57 32	57 43	56 39	47 41	50 40	64 36	73 50	75 53	77 55	75 40	52 28	59 33	66 40	76 49	82 58	82 59	75 51	57 51	69 48	74 51	76 55	78 53	80 56	73 43	54 43	59 41	59 35	66.5 42.5	
CONOWINGO DAM	07	MAX OBS	59	74	57	52	55	61	61	50 61	61	61	73	72	68	58 79	59	63	71	78	86	82	75	67	73	76	87	75	74	58	64	64	67.1	
		MIN	42	38	22	28	40	46	37	40	41	40	44	55	38	37	37	40	32	36	45	52	50	57	50	54	47	47	54	40	41	32	42.1	
CYLBURN	20	MAX OBS	74 ***	75	56	49	55	54	49	62	54	61	72	75	76	53	55	60	68	77	85	82	62 70	71 61	72	75	78	76	63 79	54	58	61	65.4	
		MIN OBS	47 ***	38	30	36	39	42	40	39	41	42	49	54	41	34	37	34	37	40	48	53	53	51	50	50	47	52	47	47	43	36	43.2	
EMMITSBURG 2 SE	07	MAX MIN	54 38	73 36	54 27	51 27	53 38	59 44	52 41	48 41	55 42	63 42	73 42	76 56	77 43	53 33	55 32	59 29	66 30	75 34	83 41	83 45	61 53	64 52	72 48	75 50	74 45	77 44	80 50	56 46	57 43	62 36	64.7 40.9	
FREDERICK 2 NNE	07	MAX MIN	54 39	75 39	55 30	51 31	56 39	61 44	52 42	45 42	55 43	68 44	77 44	82 57	78 43	53 35	55 33	61 32	69 33	78 39	84 44	84 45	62 55	63 54	74 48	77 52	76 47	83 49	83 51	57 48	60 47	62 37	66.3 42.9	
MILLERS 4 NE	18	MAX MIN	71 45	71 35	48 27	50 34	56 46	51 42	48 38	55 40	60 40	72 43	73 53	73 57	73 40	52 31	56 35	66 36	74 39	81 51	81 51	74 52	64 52	71 49	73 49	73 54	74 46	78 53	71 47	54 44	58 43	56 37	65.2 43.6	
SMITHSBURG 2NW	08	MAX OBS	56	74	52	51	53	56	52	48	59	64	73	79	73	48 73	53	58	65 34	75	71	80	59	61	72	74	79	79	81	61	55	59	64.0	
		MIN OBS	39	35	30	37	38	41	41	41	44	44	44	57	42	28	27	28	29	35	40	52 41	53	51	48	48	47	49	53	46	39	32	41.3	
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	18	MAX OBS	77	74	54	59	64	52	52	64	74	78	80	74	68 56	57	63	72	84	87	86	78	64	74	78	82	85	87	72	68	59	60	70.9	

MARYLAND AND DELAWARE
APRIL 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	MIN	50	39	37	39	46	43	44	45	48	54	58	61	48	39	30	32	38	45	48	53	55	56	49	52	52	55	50	52	43	39	46.7
		MAX	64	69	47	45	65	51	44	43	57	67	72	71	67	45	47	54	65	76	81	77	55	55	64	71	75	76	82	63	51	49	61.6
		MIN	36	31	31	33	34	37	37	37	38	43	47	52	36	31	29	31	31	39	48	48	47	50	46	45	48	51	48	47	39	31	40.0
SHARPSBURG 5 S	07	MAX	56	78	54	51	55	59	51	49	57	66	76	82	79	53	54	60	68	79	84	82	61	61	73	75	76	82	82	61	57	61	66.1
		MIN	39	38	27	37	38	43	42	42	44	44	44	55	41	35	28	28	30	36	41	45	55	54	51	49	46	47	56	48	41	33	41.9
WILLIAMSPORT	06	MAX	53	78	55	52	54	59	52	49	58	66	75	79	78	54	57	61	69	78	83	82	61	63	73	77	77	80	82	63	59	62	66.3
		MIN	41	40	32	33	38	45	43	39	44	46	45	52	46	36	34	32	32	36	41	45	54	54	48	49	47	47	56	49	43	35	42.7
ALLEGHENY PLATEAU 08 OAKLAND 1 SE	07	MAX	58	67	47	45	40	49	46	51	60	68	71	70	63	40	46	53	64	73	78	72	78	57	68	69	76	79	79	65	52	43	60.9
		OBS	67	47	45	40	49	46	51	60	68	71	70	63	40	46	53	64	73	78	72	78	57	68	69	76	79	79	66	52	43	51	
		MIN	32	30	30	38	35	37	39	41	38	48	50	35	32	22	23	23	32	32	34	32	47	43	41	45	47	37	40	33	33	33	36.1
SAVAGE RIVER DAM	08	OBS									48										42												
		MAX	65	70	49	49	65	54	45	47	57	68	72	72	72	46	49	56	64	76	77	78	58	57	64	71	75	79	81	65	53	48	62.7
		OBS																														***	
DELAWARE NORTHERN 01 BEAR 2 SW M	MID	MIN	31	35	35	35	35	39	39	40	42	46	50	52	41	36	28	29	29	35	42	44	49	53	44	45	47	49	45	46	37	34	40.4
		OBS																														***	
		OBS																														***	
WILMINGTON NEW CASTLE M	MID	MAX	73	64	51	55	60	50	48	57	60	73	72	74	59	56	60	66	76	84	78	72	63	72	76	77	74	73	56	65	60	58	65.4
		MIN	58	32	27	39	49	45	42	42	41	52	53	54	45	37	37	30	32	41	43	54	54	52	47	51	42	55	48	48	42	38	44.3
WILMINGTON PORTER RSVRM	MID	MAX	73	56	50	53	60	49	46	55	54	71	70	75	58	57	61	66	76	81	78	75	65	72	75	79	72	73	56	64	60	57	64.6
		MIN	56	37	33	39	47	43	40	40	39	44	49	54	45	35	39	32	35	46	49	54	54	52	50	53	49	52	48	48	41	40	44.8
SOUTHERN 02 DOVER	16	MAX	70	59	50	55	57	49	47	56	58	72	73	73	57	53	57	63	73	81	82	75	63	68	75	75	75	68	57	63	57	59	64.0
		OBS		50																													
		MIN	55	40	33	37	47	43	40	41	41	51	54	57	45	36	39	39	43	50	54	55	52	50	53	56	54	46	45	48	44	42	46.3
GREENWOOD 2NE	07	OBS	39																														
		MAX	70	70	52	55	60	60	43	48	54	69	77	74	72	55	57	66	76	81	80	74	69	68	75	77	77	71	70	64	64	60	66.3
		MIN	57	43	34	42	50	42	42	42	42	49	50	55	44	39	39	36	35	45	49	54	54	50	52	58	51	54	51	50	49	49	46.9
LEWES	17	MAX	62	73	54	52	69	62	46	45	50	52	73	78	73	60	55	58	64	74	85	85	76	60	69	75	77	76	78	56	66	60	65.4
		OBS	***													73																	
		MIN	41	43	30	38	47	46	41	41	42	43	48	52	48	39	38	30	30	32	41	53	55	53	52	54	45	46	51	49	48	42	43.9
LEWES	17	MAX	75	71	51	68	71	58	46	47	49	64	73	74	69	56	62	71	78	75	74	64	61	60	71	75	74	71	66	66	65	60	65.5
		MIN	58	44	39	42	55	45	42	42	42	46	52	52	43	41	35	37	45	51	57	53	53	51	53	58	52	55	51	49	50	46	48.0

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 BELTSVILLE UPPER MARLBORO 3 NNW	WIND	-	167	80	53	*	*	183	*	74	29	24	61	*	135	70	52	34	28	35	*	134	*	133	30	38	*	*	142	23	90	1670	
	EVAP	-	28	22	1	*	*	19	*	7	8	13	20	*	26	19	18	17	21	21	-	0	-	-	13	24	*	*	40	4	23	3.97	
	MAX	-	84	72	62	-	-	80	-	64	80	90	88	-	86	76	80	85	90	95	-	90	-	86	92	93	-	-	96	66	78	82.5	
	MIN	-	52	50	58	-	-	52	-	54	56	62	69	-	51	49	50	53	56	50	-	56	-	64	56	39	-	-	61	60	53	54.8	
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	EVAP	1	22	15	5	*	*	20	3	7	*	20	*	*	45	18	16	19	18	*	*	62	-	18	14	22	*	*	38	6	19	4.01	
	MAX	57	78	71	51	63	76	51	51	57	77	86	85	73	60	74	75	80	87	91	83	69	90	80	86	88	85	91	59	60	71	73.5	
	MIN	41	42	39	38	42	47	43	43	45	47	54	56	48	41	39	39	41	43	49	53	58	55	55	59	58	59	57	53	52	46	48.1	

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 FROSTBURG 2 SN ON GND DELAWARE	SNOWFALL				T																											
	SNOWFALL				-	-									T																	

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	20	20		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 56W	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
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."

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

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07 - DELAWARE

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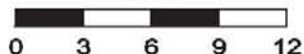
For further information, refer to the
station index and reference notes.

DIVISIONS:

1. NORTHERN
2. SOUTHERN

US DOC - NOAA - NCDC - ASHEVILLE NC
Updated FEB 2000

Miles



39.80

39.60

39.40

39.20

39.00

38.80

38.60

38.40

-75.80

-75.65

-75.50

-75.35

-75.20

-75.05

-74.90

19605

16410

19595

1

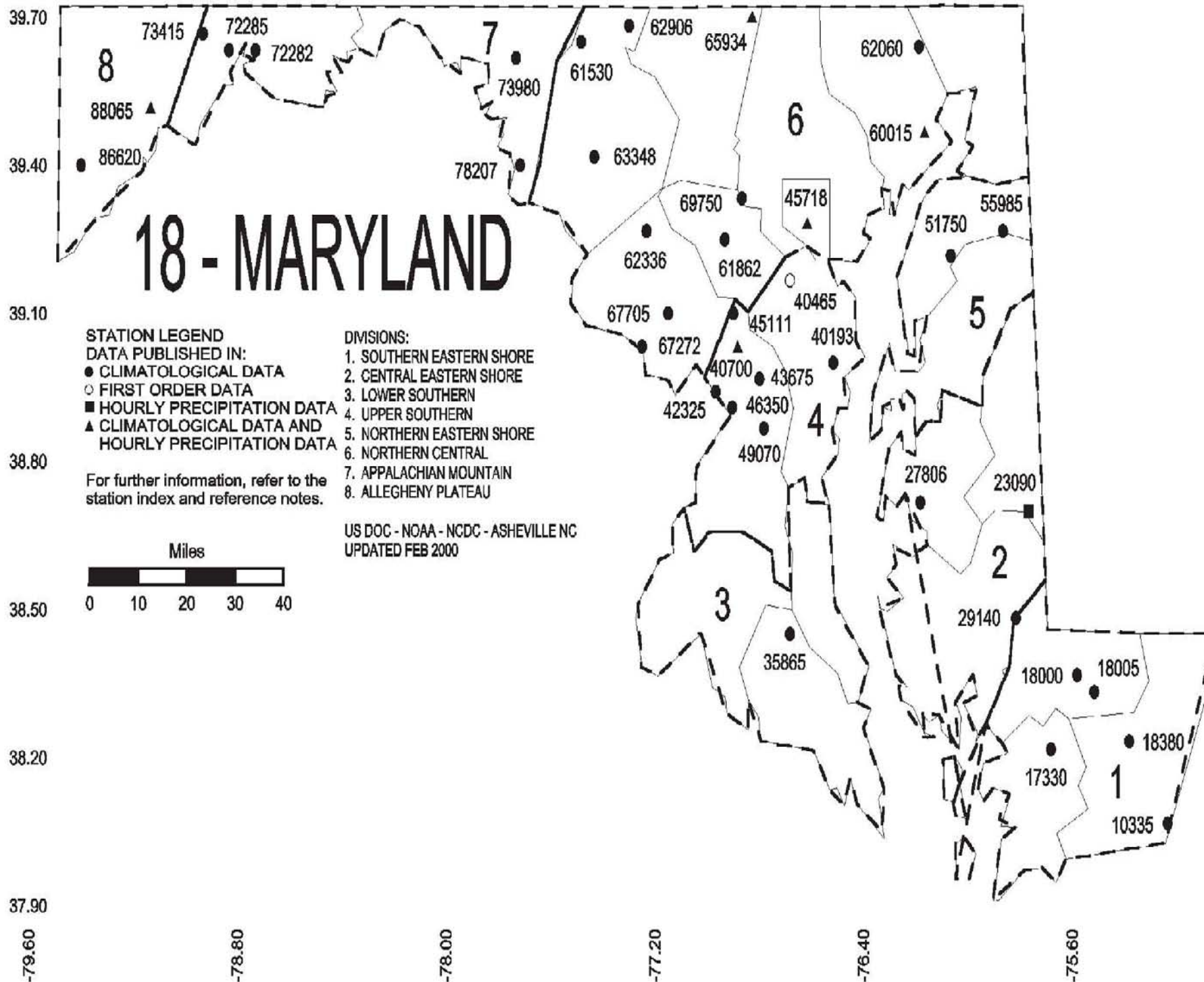
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2

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23595

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