

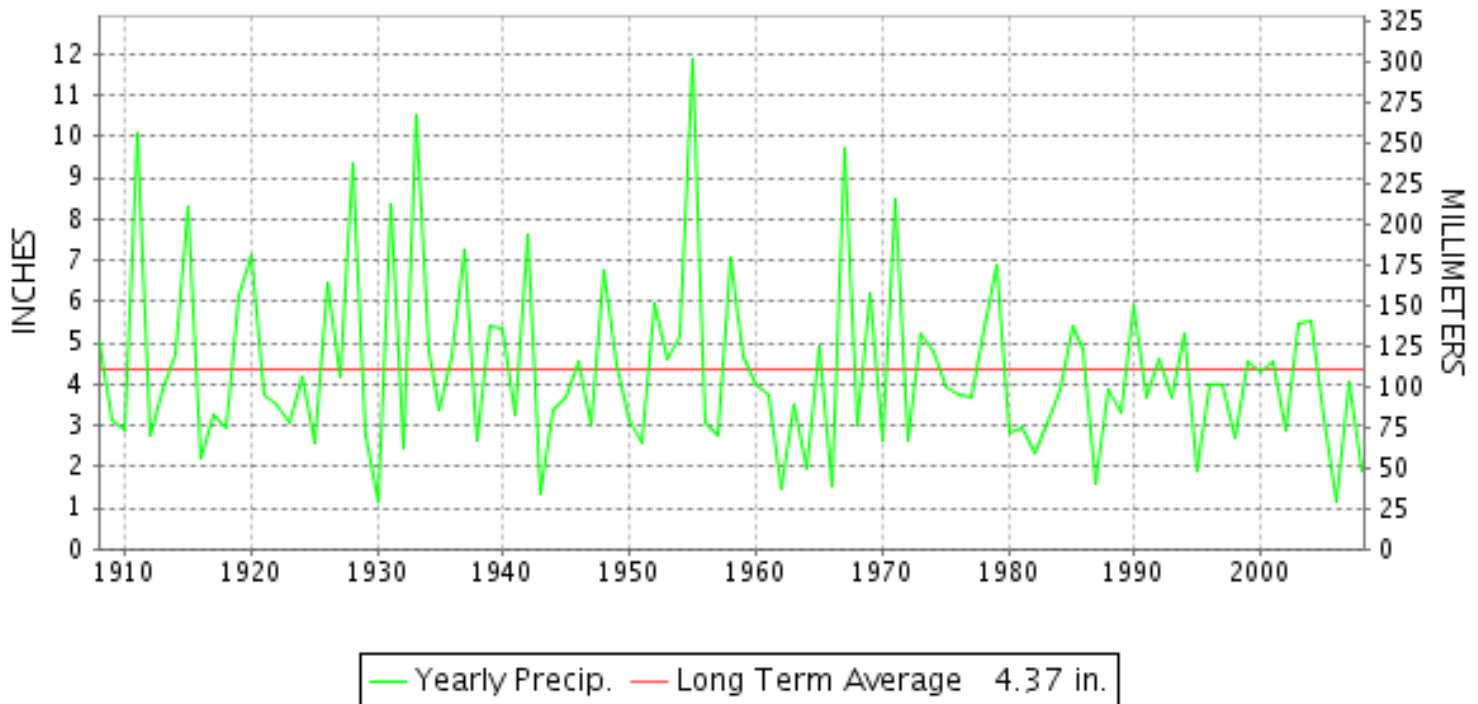


CLIMATOLOGICAL DATA MARYLAND AND DELAWARE



AUGUST 2008
VOLUME 112 NUMBER 08
ISSN 0145-054

AUGUST PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	95	AUGUST 6	ASSATEAGUE
LOWEST TEMPERATURE	46	AUGUST 21+	2 STATIONS
GREATEST TOTAL PRECIPITATION	4.89		FROSTBURG 2
LEAST TOTAL PRECIPITATION	.99		BELTSVILLE
GREATEST 1 DAY PRECIPITATION	1.86	AUGUST 2	SAVAGE RIVER DAM

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DELAWARE			
HIGHEST TEMPERATURE	92	AUGUST 20	GREENWOOD 2NE
LOWEST TEMPERATURE	50	AUGUST 27	GREENWOOD 2NE
GREATEST TOTAL PRECIPITATION	1.93		LEWES
LEAST TOTAL PRECIPITATION	.16		GREENWOOD 2NE
GREATEST 1 DAY PRECIPITATION	1.09	AUGUST 10	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										
MARYLAND SOUTHERN EASTERN SHORE 01																								
ASSATEAGUE	86.0	67.0	76.5	1.1	95	6+	56	21	0	364	6	0	0	0	3.84	-.34	1.52	10	.0	0		4	3	2
PRINCESS ANNE	M	M	M		91	8	53	11			1	0	0	0	M 1.38		.52	15	.0	0		4	1	0
SALISBURY	85.3	65.9	75.6	-.4	92	19	56	21	0	337	4	0	0	0	1.43	-3.29	.50	31	.0	0		4	1	0
SALISBURY FAA AP	84.5	57.8	71.2	-4.3	91	19	46	21	2	200	5	0	0	0	1.88	-3.11	.66	31	.0	0		6	1	0
SNOW HILL 4 N	85.5	60.7	73.1	-2.2	91	25+	49	21	0	257	5	0	0	0	2.53	-2.87	.76	15	.0	0		5	4	0
--DIVISIONAL DATA----->			74.1	-1.2											2.42	-2.32			.0					
CENTRAL EASTERN SHORE 02																								
ROYAL OAK 2 SSW	88.2	64.0	76.1	-.8	94	19+	54	27+	0	351	10	0	0	0	1.11	-2.99	.51	8	.0	0		3	1	0
VIENNA	87.4	62.4	74.9	-1.2	92	26+	54	21+	0	313	11	0	0	0	1.32	-3.05	.45	3	.0	0		5	0	0
--DIVISIONAL DATA----->			75.5	-.4											1.22	-3.04			.0					
LOWER SOUTHERN 03																								
MECHANICSVILLE 5 NE	82.5	61.9	72.2	-2.6	90	7+	57	23+	0	231	2	0	0	0	1.06	-2.88	.27	29	.0	0		5	0	0
SOLOMONS	83.5	69.4	76.5		91	26+	63	12	0	364	3	0	0	0	M 1.55		.64	7	M .0	0		4	1	0
--DIVISIONAL DATA----->			74.4	-.3											1.06	-3.07			.0					
UPPER SOUTHERN 04																								
BALTIMORE WASH INTL AP R	84.5	62.7	73.6	-.9	93	19	55	27	0	274	4	0	0	0	M 1.48		.66	29	.0	0		3	2	0
BELTSVILLE	83.4	62.4	72.9	-2.4	91	20+	56	21+	0	251	2	0	0	0	.99	-2.70	.41	29	.0	0		4	0	0
DALECARLIA RESERVOIR	85.0	63.8	74.4	-1.8	93	11	57	12+	0	298	6	0	0	0	1.23	-2.75	.75	29	.0	0		4	1	0
LAUREL 3 W	85.2	64.7	75.0	-1.5	93	19	59	27+	0	313	5	0	0	0	2.08	-1.53	.68	2	.0	0		4	3	0
MD SCI CTR BALTIMORE R	85.5	68.4	77.0		94	1	63	20+	0	374	4	0	0	0	2.24		.83	2	M	M		6	2	0
NATL ARBORETUM DC	85.3	64.9	75.1	-1.0	93	20	60	21+	0	321	5	0	0	0	1.42	-2.48	.50	29	.0	0		5	1	0
OXON HILL	84.4	65.2	74.8		92	20+	59	11	0	312	4	0	0	0	2.33		.71	15	.0	0		5	1	0
UPPER MARLBORO 3 NNW	84.4	62.6	73.5	-.6	92	7	56	21	0	270	4	0	0	0	M 2.02		.73	15	.0	0		4	1	0
--DIVISIONAL DATA----->			74.5	-.9											1.72	-2.23			.0					
NORTHERN EASTERN SHORE 05																								
CHESTERTOWN	83.9	64.1	74.0	-1.8	92	19	58	23+	0	285	4	0	0	0	M .81		.41	2	M .0	0		3	0	0
--DIVISIONAL DATA----->			74.0	-.9																				
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	83.8	62.4	73.1	-2.3	92	7	56	27	0	262	3	0	0	0	1.13	-2.94	.75	4	.0	0		3	1	0
CATOCTIN MTN PARK	80.6	60.1	70.4	-1.1	87	24	53	20+	1	175	0	0	0	0	3.07	-.85	1.25	29	.0	0		4	2	1
CONOWINGO DAM	86.6	59.1	72.9	-1.9	94	7+	51	21+	0	249	7	0	0	0	1.65	-2.76	.80	15	.0	0		5	1	0
CYLBURN	80.9M	61.2	71.1M		89	19	53	28	3	195	0	0	0	0	2.24		.78	30	.0	0		4	3	0
EMMITSBURG 2 SE	81.8	57.5	69.7	-3.6	90	7	49	22	1	151	1	0	0	0	2.53	-1.07	1.07	30	.0	0		6	2	1

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	83.9	60.8	72.4		91	7	55	21	0	237	3	0	0	0	1.81		.52	29	.0	0		5	1	0
MILLERS 4 NE	80.6	58.8	69.7	-2.8	87	18+	50	27	2	155	0	0	0	0	2.60	-1.11	.96	29	.0	0		8	1	0
SMITHSBURG 2NW	80.9	56.4	68.7		87	25	50	21+	4	126	0	0	0	0	1.66		.43	11	.0	0		6	0	0
--DIVISIONAL DATA-----> APPALACHIAN MOUNTAIN 07			71.0	-2.5											2.09	-1.75			.0					
CUMBERLAND 2	84.4	59.8	72.1	-.8	92	24	54	16+	3	232	3	0	0	0	3.86	.33	1.18	29	.0	0		7	3	1
FROSTBURG 2	75.1	55.2	65.2	-2.0	85	25	49	9	35	48	0	0	0	0	4.89	1.07	1.50	29	.0	0		5	3	3
SHARPSBURG 5 S	82.3	57.3	69.8		89	25+	51	9	1	158	0	0	0	0	2.51		.53	30	.0	0		6	1	0
WILLIAMSPORT	82.4	58.5	70.5		90	8+	51	9	1	177	2	0	0	0	M 1.41				.0	0		2	0	0
--DIVISIONAL DATA-----> ALLEGHENY PLATEAU 08			69.4	-1.8											3.75	.30			.0					
OAKLAND 1 SE	75.7	53.0	64.4	-2.7	83	25	46	18	49	37	0	0	0	0	M 2.84		.70	28	.0	0		7	3	0
SAVAGE RIVER DAM	76.3	56.0	66.2	-2.1	83	7+	51	9	19	63	0	0	0	0	4.63	1.26	1.86	2	.0	0		4	3	3
--DIVISIONAL DATA-----> DELAWARE NORTHERN 01			65.3	-1.8											4.63	.72			.0					
BEAR 2 SW	83.2	60.9	72.1		89	1	51	27	0	229	0	0	0	0	1.48		.67	14	.0	0		3	2	0
WILMINGTON NEW CASTLE R	83.4	62.9	73.2	-1.8	90	6	54	21	0	259	1	0	0	0	1.16	-2.35	.56	14	.0	0		3	1	0
WILMINGTON PORTER RSVR	81.6	63.7	72.7	-1.1	88	18+	57	21+	0	245	0	0	0	0	1.34	-2.71	1.09	10	.0	0		2	1	1
--DIVISIONAL DATA-----> SOUTHERN 02			72.7	-1.8											1.33	-2.39			.0					
DOVER	84.6	65.0	74.8	-1.4	91	20+	56	27+	0	312	3	0	0	0	.59	-4.14	.27	26	.0	0		3	0	0
GREENWOOD 2NE	85.2	60.4	72.8	-1.1	92	20	50	27	0	251	5	0	0	0	.16	-3.91	.16	2	.0	0		1	0	0
LEWES	83.8	66.6	75.2	-.7	90	19	53	27	0	324	1	0	0	0	1.93	-3.41	.99	15	.0	0		3	2	0
--DIVISIONAL DATA----->			74.3	-.5											.89	-4.00			.0					

MARYLAND AND DELAWARE
AUGUST 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	3.84			.03				.98	.06		1.52				1.07	.02																.16	
PRINCESS ANNE	M 1.38			.21				.30				.35				.52													-		-		
SALISBURY	1.43			.25				.28				.06				.30												.03	.01		.50		
SALISBURY FAA AP	1.88		.30			T	T	.27			.16				.39		T									.10		T	T	T		.66	
SNOW HILL 4 N	2.53		T					.02	.57		.05	.51				.76											.02		.10	T		.50	
CENTRAL EASTERN SHORE 02																																	
ROYAL OAK 2 SSW	1.11		.40					T	.51																					.20			
VIENNA	1.32		.30	.45				.09	.07			.11																	.10		.20		
LOWER SOUTHERN 03																																.20	
MECHANICSVILLE 5 NE	1.06		T	.01			T	.18	.01			.06				.23													.10	.27	.20		
SOLOMONS	M 1.55		*	.03				.64	.15	-		.01				.31	*	.06							-		T		T	.30	.05		
UPPER SOUTHERN 04																																	
BALTIMORE WASH INTL AP R	M 1.48	T	.53		T	T	T	T							.07	T												T	.22	.66	-		
BELTSVILLE	.99		.16	.07												T													.10	.41	.25		
DALECARLIA RESERVOIR	1.23		.10	.04							.05					.01	.01												.11	.75	.16		
LAUREL 3 W	2.08		.68					.53								.03												.02	.21	.61			
MD SCI CTR BALTIMORE R	2.24		.83					.12							.10														.22	.20	.77		
NATL ARBORETUM DC	1.42		.11	.04					.45							.06		T											.15	.50	.11		
OXON HILL	2.33	T	T	.46			T		.43			.01				.71	.09												.16	.40	.07		
UPPER MARLBORO 3 NNW	M 2.02		-	-				.46				.03				.73	.02													.40	.38		
NORTHERN EASTERN SHORE 05																																	
CHESTERTOWN	M .81		.41					.04			T				-											.12				.24			
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	1.13				.75		T					.11				.17											.03				.07		
CATOCTIN MTN PARK	3.07	.06	.24					.05			.90	.03			.05	.01													.46	1.25	.02		
CONOWINGO DAM	1.65		.02	.04					.29	.10		.12				.80															.28		
CYLBURN	2.24		.64					.02								.02													.02	.20	.78	.56	
EMMITSBURG 2 SE	2.53	.43	.13	T			T	.25				.10																	T	.50	1.07	.05	
FREDERICK 2 NNE	1.81		.16	.21			.01	.43																					.05	.52	.43		
MILLERS 4 NE	2.60		.38	.12		.01	T	.07	.13		.01	.01			T	.34									.18				.20	.96	.19	T	
POTOMAC FLTR PLT	2.65		.31					.21	.04		.04				.38													.08	.45	1.14			
SMITHSBURG 2NW	1.66		.16	.11			.05					.43			.08	.05													.26	.18	.34		
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	3.86	.29	.94				.10			.01					.23	.10	.02													.99	1.18		

MARYLAND AND DELAWARE
AUGUST 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	4.89	.01	1.33	.02			.32		.01	T					.22														1.47	1.50	.01	
SHARPSBURG 5 S	2.51		.49	.21			.04		.09			.09	T		.03	.48													.24	.31	.53	T
WILLIAMSPORT	M 1.41	*	.18	.01			-	.05	.26	.05		-			.04	*	.01												*	.51	.30	
ALLEGHENY PLATEAU 08																																
OAKLAND 1 SE	M 2.84	-	.66	.70			.10	.20									.03												.70	.35		.10
SAVAGE RIVER DAM	4.63	.04	1.86	.06			T	.21																					1.34	1.12	T	T
DELAWARE																																
NORTHERN 01																																
BEAR 2 SW	1.48		.26								.54	.01			.67															T	T	
WILMINGTON NEW CASTLE R	1.16		.26					T			.28				.56														T	.05	.01	
WILMINGTON PORTER RSVR	1.34		.05								1.09				.11															.09	T	
SOUTHERN 02																																
DOVER	.59		.11								.10					.09										T	.27		T	.02		
GREENWOOD 2NE	.16		.16																													
LEWES	1.93		.24					.08			.51	.05				.99	.04													.02		

MARYLAND AND DELAWARE
AUGUST 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	95	88	85	91	92	95	90	87	85	81	83	88	83	85	85	89	87	87	92	81	83	84	85	86	87	78	82	77	82	89	83	86.0
		MIN	76	70	70	65	68	73	69	64	67	61	62	65	66	64	64	67	62	69	70	67	56	67	69	59	72	67	66	71	72	71	68	67.0
PRINCESS ANNE	17	MAX								91			86			86																	M	
		MIN								57			53			55																	M	
SALISBURY	17	MAX	91	89	87	86	87	91	90	84	83	85	84	83	83	85	85	85	85	88	92	89	83	82	83	85	89	78	80	74	80	89	88	85.3
		MIN	72	71	69	66	69	73	68	65	62	62	63	62	64	63	64	66	62	65	70	66	56	61	65	62	69	68	57	69	71	72	70	65.9
SALISBURY FAA AP M	MID	MAX	90	88	84	86	87	90	87	82	82	85	79	82	83	85	85	84	85	88	91	82	81	82	84	85	90	77	81	76	81	90	86	84.5
		MIN	64	66	61	58	61	68	62	57	53	53	57	51	55	54	62	57	53	56	69	51	46	51	56	53	65	50	48	66	71	65	53	57.8
SNOW HILL 4 N	17	MAX	91	90	88	87	89	89	89	86	84	83	80	82	83	85	87	85	86	90	90	88	80	81	83	84	91	89	80	76	80	89	86	85.5
		MIN	66	68	64	59	64	69	63	59	55	54	58	55	58	57	60	61	56	60	66	62	49	53	59	54	65	66	51	66	70	69	66	60.7
CENTRAL EASTERN SHORE 02																																		
ROYAL OAK 2 SSW	18	MAX	93	92	90	90	89	94	92	87	84	87	84	86	88	88	86	86	87	92	94	92	86	87	87	89	92	88	84	80	84	87	88	88.2
		OBS																													98			
		MIN	70	68	67	63	66	75	63	62	63	60	63	62	63	60	62	62	59	64	73	62	54	57	59	63	72	66	54	69	67	70	66	64.0
VIENNA	18	MAX	91	91	83	90	88	91	92	86	84	86	87	85	87	88	87	86	87	89	92	90	84	86	84	86	92	92	83	81	81	90	90	87.4
		OBS															***	***	***															
		MIN															63	62	57	56	70	62	54	57	61	60	60	65	55	67	67	69	70	62.4
		OBS		84										54	58	58	***	***	***															
LOWER SOUTHERN 03																																		
MECHANICSVILLE 5 NE	07	MAX	84	90	87	84	85	84	90	84	82	80	84	76	82	84	85	80	82	84	87	89	81	81	81	81	84	88	74	74	71	78	82	82.5
		MIN	70	70	66	62	62	67	64	61	58	58	59	57	57	60	62	61	58	58	62	64	57	57	57	59	64	67	60	60	66	67	69	61.9
SOLOMONS	08	MAX	88	87	89	85	86	86	90	86	82	82	86	77	81	83	84	82	82	85	89	91	81	81	81	83	82	91	76	76	74	80	83	83.5
		MIN	74	72	70	70	74	75	71	69	68	68	65	63	66	68	68	68	67	70	72	67	66	67	69	70	73	69	68	71	70	71	72	69.4
UPPER SOUTHERN 04																																		
BALTIMORE WASH INTL APM	MID	MAX	91	86	85	86	85	92	86	83	81	84	79	84	86	85	83	85	88	91	93	81	84	84	84	88	88	79	79	72	74	86	87	84.5
		MIN	71	69	63	61	67	71	65	61	59	59	58	60	59	60	61	60	60	63	67	62	56	59	60	66	68	60	55	67	67	69	61	62.7
BELTSVILLE	08	MAX	84	89	87	84	85	84	91	84	82	81	83	77	83	85	84	80	83	86	89	91	81	83	82	83	88	87	79	77	72	74	86	83.4
		MIN	69	68	63	63	66	69	63	59	62	58	56	59	58	59	60	61	57	60	63	62	56	58	60	65	68	65	57	67	66	68	70	62.4
DALECARLIA RESERVOIR	08	MAX	86	92	88	86	87	84	92	86	84	82	93	80	84	87	87	81	84	88	91	91	83	86	86	84	90	88	80	78	69	72	87	85.0
		MIN	72	68	66	64	68	72	67	63	60	62	57	57	61	63	61	62	60	62	60	65	60	61	62	66	66	65	63	60	66	69	69	63.8
LAUREL 3 W M	MID	MAX	91	88	86	87	86	92	92	84	82	84	78	84	86	86	82	85	88	91	93	83	87	85	85	84	89	82	79	72	73	88	88	85.2
		MIN	74	68	66	66	67	66	66	64	62	63	61	62	64	64	63	64	66	68	71	60	59	61	63	62	63	67	59	65	65	68	68	64.7
MD SCI CTR BALTIMORE M	MID	MAX	94	88	85	88	86	92	88	84	83	87	79	84	87	86	82	85	89	93	92	82	85	86	85	89	89	80	81	74	75	85	86	85.5
		MIN	76	70	69	70	74	76	69	66	65	67	63	65	67	68	66	68	66	70	70	63	66	68	68	71	71	64	65	68	68	71	71	68.4
NATL ARBORETUM DC	07	MAX	85	91	87	86	88	86	92	85	84	83	85	78	85	86	87	81	85	88	90	93	84	86	85	86	91	89	81	78	72	78	88	85.3
		MIN	73	67	65	65	69	72	67	64	63	62	60	62	63	63	63	62	60	64	67	64	60	61	62	68	71	66	61	67	66	67	68	64.9

MARYLAND AND DELAWARE
AUGUST 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	
OXON HILL	08	MAX MIN	86 76	91 72	89 66	86 66	88 66	85 70	92 68	84 64	84 65	83 62	83 59	79 64	84 63	85 63	85 63	81 64	85 61	86 61	90 64	92 62	80 61	84 61	84 61	83 66	89 66	88 67	79 64	76 66	72 66	76 68	88 69	84.4 65.2
UPPER MARLBORO 3 NNW	08	MAX MIN	85 70	91 70	88 64	86 62	88 65	86 70	92 63	87 60	83 59	83 59	85 57	78 61	84 60	84 60	86 61	81 61	83 58	87 61	89 65	91 61	81 56	83 58	83 58	84 64	87 67	90 65	78 57	78 66	72 66	75 68	87 69	84.4 62.6
NORTHERN EASTERN SHORE 05																																		
CHESTERTOWN	23	MAX MIN	90 72	84 67	84 65	85 63	86 67	91 73	87 66	84 63	81 64	85 64	78 59	83 63	87 61	84 64	84 62	84 62	86 60	90 64	92 69	81 58	84 60	84 59	83 58	87 65	84 68	78 62	79 61	70 68	74 68	85 69	86 64	83.9 64.1
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	07	MAX MIN	86 73	90 67	84 64	85 63	86 65	87 68	92 66	86 64	84 59	81 59	80 59	78 62	83 60	85 62	85 64	85 62	82 59	84 61	89 64	90 59	78 57	85 58	85 60	83 62	83 64	85 62	78 56	81 57	77 69	78 68	83 62	83.8 62.4
CATOCTIN MTN PARK	17	MAX MIN	86 68	83 63	82 60	81 61	82 61	85 66	80 65	77 58	78 56	79 57	78 56	79 53	83 66	84 60	75 59	79 57	82 58	85 64	85 64	80 53	82 58	80 59	81 59	87 62	85 66	80 55	76 59	75 60	68 60	80 61	83 59	80.6 60.1
CONOWINGO DAM	07	MAX OBS MIN	92 68	94 64	88 58	88 63	88 65	88 70	94 65	88 62	87 56	88 62	84 54	79 55	85 52	88 56	84 60	84 58	85 51	88 62	91 62	92 52	83 51	87 54	86 54	84 62	90 65	90 58	82 56	86 57	78 63	77 63	86 55	86.6 59.1
CYLBURN	20	MAX OBS MIN OBS	87 82 70	80 87 68	78 80 62	83 78 63	83 83 62	86 83 68	83 86 64	79 83 60	77 79 61	81 83 59	78 80 58	80 83 56	83 83 60	79 83 61	79 83 60	84 87 61	87 89 64	89 87 68	78 89 55	82 78 56	82 82 54	80 82 60	86 86 61	82 82 68	75 86 61	77 82 54	71 77 53	71 77 63	71 71 64	83 *** ****	80.9 61.2	
EMMITSBURG 2 SE	07	MAX MIN	84 66	87 67	83 59	83 57	84 58	81 64	90 63	84 59	80 56	79 57	81 55	75 54	81 54	85 55	82 57	77 54	82 52	84 55	87 55	88 56	79 51	83 49	83 55	82 57	88 65	88 59	77 50	79 53	68 63	69 62	82 62	81.8 57.5
FREDERICK 2 NNE	07	MAX OBS MIN	87 72	90 69	86 61	86 61	86 64	82 68	91 66	86 62	86 62	81 60	81 56	77 60	83 57	87 58	84 61	80 56	84 56	86 58	89 59	90 60	84 55	86 56	85 58	86 59	87 64	89 62	80 56	78 57	68 64	71 64	86 63	83.9 60.8
MILLERS 4 NE	18	MAX MIN	87 67	84 63	81 58	83 57	81 63	87 67	83 63	77 57	77 55	81 56	74 55	79 56	81 55	82 58	76 57	79 58	82 60	87 63	85 63	82 52	81 51	81 56	80 57	85 63	85 64	82 54	76 50	72 61	67 63	81 65	82 61	80.6 58.8
SMITHSBURG 2NW	08	MAX MIN	83 63	86 66	82 57	81 56	83 58	78 64	86 61	82 55	78 51	78 50	79 53	73 52	79 54	84 55	79 56	75 52	79 52	83 52	85 55	85 50	85 50	84 53	84 58	85 65	87 64	86 58	80 52	79 55	68 62	71 62	80 58	80.9 56.4
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	18	MAX MIN	90 67	88 65	84 59	87 59	85 64	89 70	86 64	81 59	82 54	82 56	78 58	83 58	87 56	80 62	78 57	84 54	86 55	89 56	88 57	84 56	88 56	87 59	87 58	92 61	90 66	86 61	78 63	65 59	80 63	87 65	86 69	84.4 59.8
FROSTBURG 2	07	MAX MIN	78 65	81 61	78 57	74 55	76 62	76 60	79 60	77 56	70 49	73 50	72 53	66 53	72 53	78 54	73 56	72 54	73 53	76 53	80 54	77 52	77 52	81 54	82 55	80 55	85 56	78 54	73 54	65 55	60 56	69 59	76 54	75.1 55.2
SHARPSBURG 5 S	07	MAX MIN	85 66	89 66	87 58	84 57	84 58	82 64	89 62	84 56	79 51	80 52	79 52	75 52	81 52	86 55	79 58	78 54	81 53	85 54	88 55	88 52	81 52	84 55	85 57	85 60	89 63	87 58	78 54	76 59	69 64	71 62	82 64	82.3 57.3
WILLIAMSPORT	06	MAX OBS MIN OBS	85 *** 65 ***	89 67	86 61	85 61	86 56	81 65	90 65	90 58	80 51	80 56	80 55	75 56	82 55	84 55	82 58	76 56	82 56	86 56	88 57	88 58	81 53	83 55	84 56	83 57	82 63	88 61	79 55	77 58	66 61	75 63	82 65	82.4 58.5
ALLEGHENY PLATEAU 08																																		

MARYLAND AND DELAWARE
AUGUST 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	
OAKLAND 1 SE	07	MAX	76	82	78	75	79	73	81	77	72	73	72	68	73	80	74	74	74	77	80	81	77	79	78	79	83	78	78	60	61	79	75	75.7
		OBS	82	78	75	79	73	81	77	72	73	72	68	73	80	74	74	74	77	80	81	77	79	78	79	83	78	63	60	61	79	75	76	
		MIN	62	62	53	53	54	61	59	54	47	50	53	47	48	50	55	47	47	46	50	53	52	54	56	51	54	54	54	53	56	57	50	53.0
		OBS	62	53	53	54	61	59	54	47	50	53	47	48	50	55	47	47	46	50	53	52	54	56	51	54	54	54	53	56	57	50	45	
SAVAGE RIVER DAM	08	MAX	77	83	80	78	79	76	83	79	75	74	74	70	76	77	76	73	75	77	80	82	75	79	79	79	81	80	72	65	62	72	78	76.3
		MIN	65	62	57	58	58	62	61	55	51	53	55	54	53	53	58	52	53	53	53	56	54	55	56	56	56	56	56	57	57	56	56.0	
DELAWARE NORTHERN 01																																		
BEAR 2 SW M	MID	MAX	89	83	83	85	86	88	85	81	81	80	76	82	84	85	81	82	84	88	88	80	83	84	83	85	88	79	80	75	78	86	87	83.2
		MIN	70	68	62	60	64	67	62	60	57	57	59	59	58	62	61	60	57	60	66	56	52	56	56	61	66	58	51	66	69	69	60	60.9
WILMINGTON NEW CASTLE M	MID	MAX	89	84	84	85	87	90	85	82	81	75	77	82	84	85	82	82	84	89	89	79	82	83	83	85	87	78	83	77	79	86	88	83.4
		MIN	73	71	64	63	66	71	65	62	59	59	59	59	59	64	62	62	59	63	65	56	54	61	60	63	68	59	57	65	68	70	63	62.9
WILMINGTON PORTER RSVRM	MID	MAX	87	87	81	84	88	86	80	80	80	76	74	79	84	85	80	80	84	88	86	78	82	82	80	84	83	78	78	75	75	83	83	81.6
		MIN	72	67	67	66	68	72	64	64	62	60	59	60	61	64	63	64	64	67	58	57	57	62	62	65	68	59	59	63	66	69	66	63.7
SOUTHERN 02																																		
DOVER	16	MAX	87	87	83	84	88	88	89	84	83	82	81	80	84	86	86	84	86	90	91	91	80	83	82	83	88	83	79	79	80	86	87	84.6
		MIN	73	70	69	66	68	73	66	63	64	61	60	60	64	67	63	65	64	68	70	61	56	61	63	63	68	63	56	68	68	70	65	65.0
GREENWOOD 2NE	07	MAX	83	90	87	83	86	86	90	88	83	83	86	78	83	85	87	85	86	87	90	92	80	84	81	82	87	90	80	80	80	89	89	85.2
		MIN	68	69	66	61	63	65	63	61	57	57	58	58	58	59	61	58	56	59	65	59	51	53	56	57	60	66	50	61	69	71	58	60.4
		OBS																														51		
LEWES	17	MAX	87	88	89	86	88	88	87	87	83	83	78	78	85	87	86	86	83	87	90	82	79	79	81	83	89	83	76	75	80	81	83	83.8
		MIN	72	70	71	66	69	74	73	67	63	63	63	61	66	64	65	64	65	67	71	65	58	63	68	63	70	67	53	70	71	72	71	66.6
		OBS																													57			

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	WIND	32	*	*	121	41	9	58	22	*	*	132	74	45	27	19	*	69	*	42	67	28	24	*	*	103	55	26	32	34	-	-	1133
	EVAP	16	*	*	69	27	8	30	7	*	*	59	26	24	20	13	*	39	*	40	36	20	20	*	*	62	25	21	9	4	-	-	6.14
	MAX	84	-	-	94	88	82	92	90	-	-	89	81	86	88	87	-	87	-	90	92	89	89	-	-	91	88	83	75	70	-	-	M
	MIN	71	-	-	66	66	70	66	64	-	-	58	58	62	64	64	-	61	-	62	60	59	60	-	-	64	63	61	62	65	-	-	M

Evaporation: Is measured in hundreths of inches.
Wind: Is measured in miles.
Max and Min: The maximum and minimum tempertures (Fahreheit) of the water in the evaporation pan.

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
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 AND 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.

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

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310 State Route 956
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Rocket Center, WV 26726

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07 - DELAWARE

STATION LEGEND
DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- FIRST ORDER DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND
HOURLY PRECIPITATION DATA

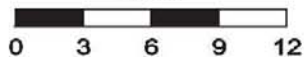
For further information, refer to the
station index and reference notes.

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

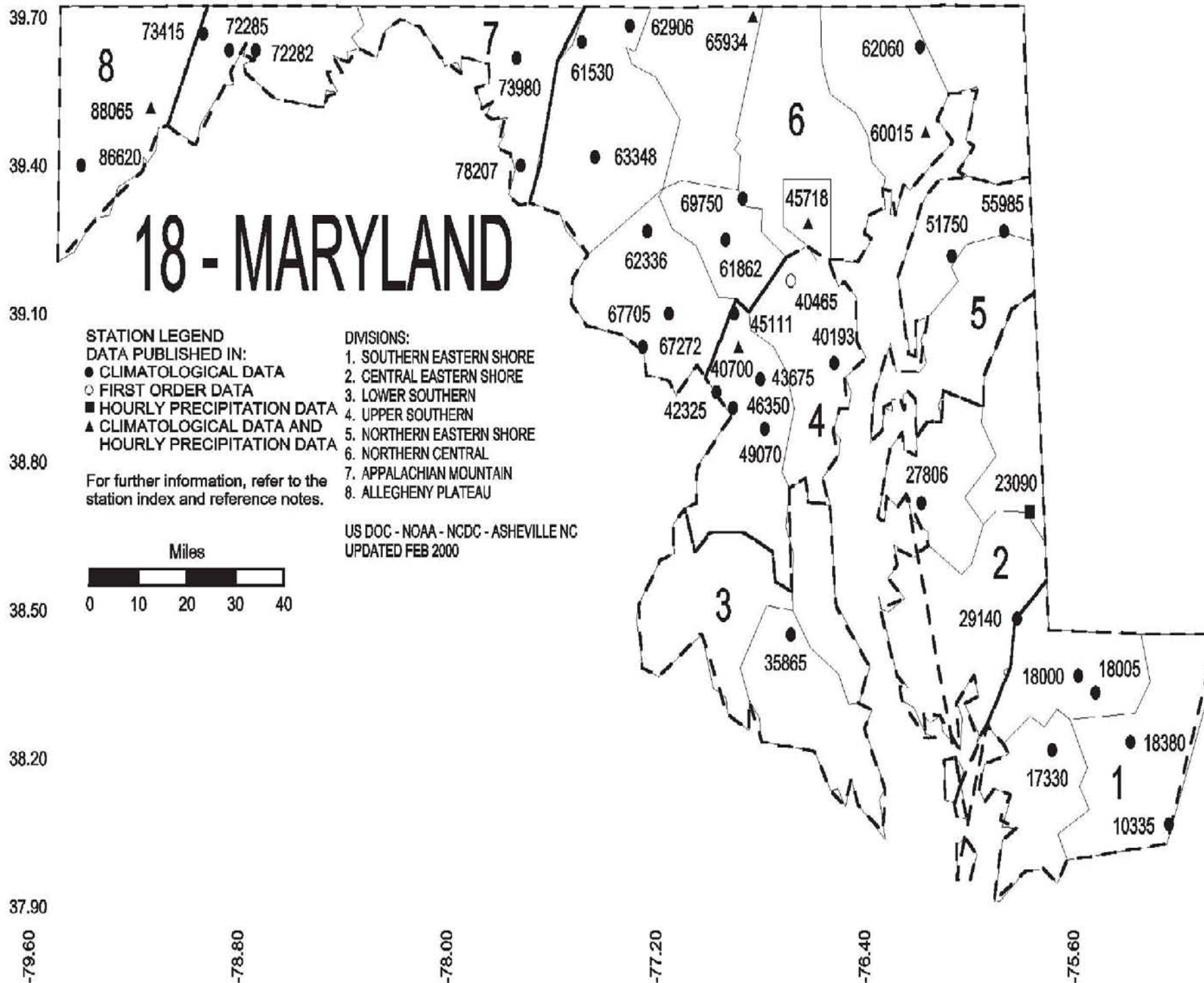
22730 ●

2

25915 ●

23595 ●

25320 ●



These and other publications are available from the National Climatic Data Center

Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. HPD includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some Stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

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