

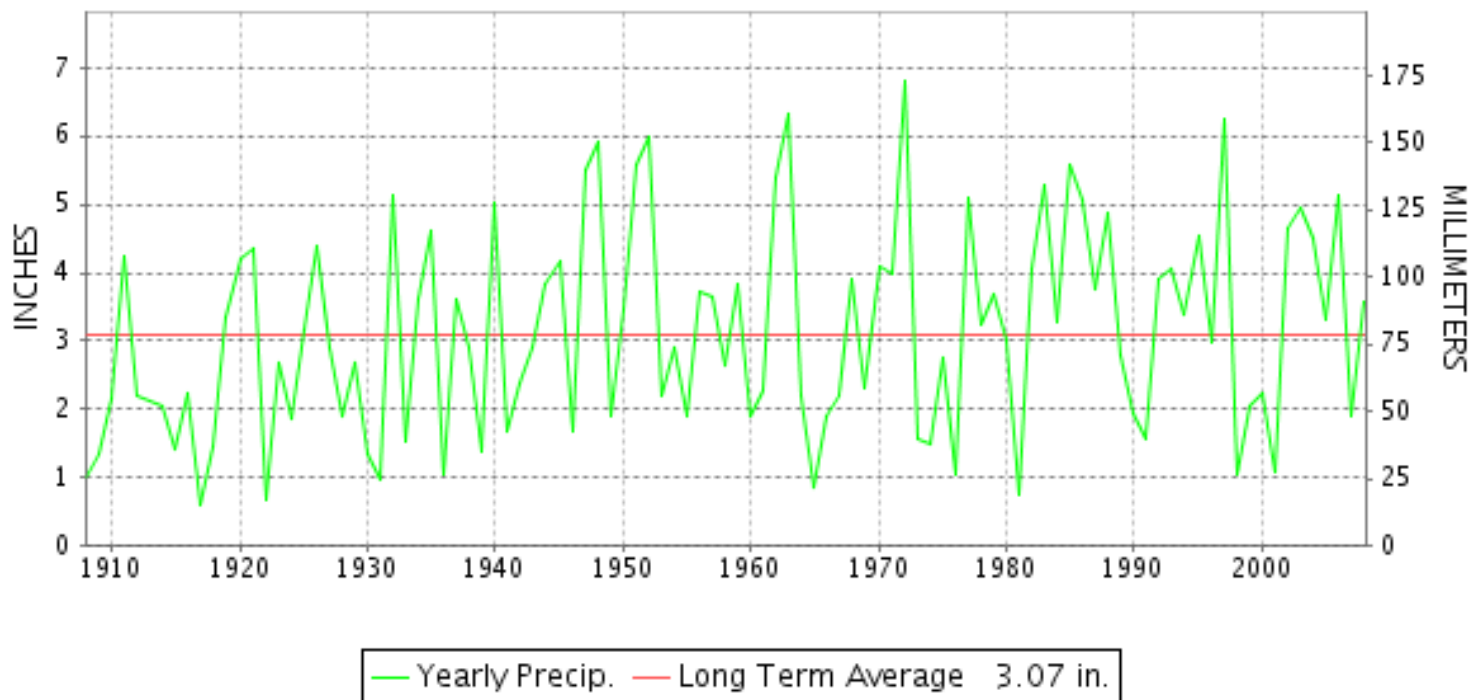


CLIMATOLOGICAL DATA MARYLAND AND DELAWARE



NOVEMBER 2008
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NOVEMBER PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	78	NOVEMBER 7	CUMBERLAND 2
LOWEST TEMPERATURE	4	NOVEMBER 24	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	7.63		ASSATEAGUE
LEAST TOTAL PRECIPITATION	1.38		BELTSVILLE
GREATEST 1 DAY PRECIPITATION	1.89	NOVEMBER 6	ASSATEAGUE
GREATEST TOTAL SNOWFALL	9.9		FROSTBURG 2
GREATEST DEPTH OF SNOW OR ICE	5	NOVEMBER 27	FROSTBURG 2

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DELAWARE			
HIGHEST TEMPERATURE	75	NOVEMBER 16+	3 STATIONS
LOWEST TEMPERATURE	19	NOVEMBER 24+	2 STATIONS
GREATEST TOTAL PRECIPITATION	6.21		LEWES
LEAST TOTAL PRECIPITATION	3.51		WILMINGTON NEW CASTLE R
GREATEST 1 DAY PRECIPITATION	1.23	NOVEMBER 15	WILMINGTON PORTER RSVR
GREATEST TOTAL SNOWFALL	.2		2 STATIONS

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	56.8	41.5	49.2	-5	77	1	22	24	467	0	0	0	8	0	7.63	4.47	1.89	6	.0	0		10	6	3
PRINCESS ANNE	M	M	M															M	M					
SALISBURY	56.3	40.0	48.2	-1.8	74	1	22	23	498	1	0	0	11	0	6.10	2.93	1.45	14	.0	0		12	5	1
SALISBURY FAA AP	55.0	34.6	44.8	-3.8	74	15	15	23	600	1	0	0	15	0	4.68	1.38	1.20	15	T	T		9	4	1
SNOW HILL 4 N	56.9	36.5	46.7	-2.7	77	1	18	23	540	0	0	0	13	0	6.76	3.45	1.33	6	.1	T		11	6	2
--DIVISIONAL DATA----->			47.2	-1.6											6.29	3.11			.0					
CENTRAL EASTERN SHORE 02																								
ROYAL OAK 2 SSW	55.2	40.4	47.8	-2.3	72	15+	25	29+	505	0	0	0	8	0	5.42	1.99	1.20	30	T	T		9	4	3
VIENNA	56.7	37.2	47.0	-2.3	75	1	20	23	531	0	0	0	12	0	6.04	2.92	1.24	3	.0	0		10	6	2
--DIVISIONAL DATA----->			47.4	-.7											5.73	2.44			.0					
LOWER SOUTHERN 03																								
MECHANICSVILLE 5 NE	53.9	35.0	44.5	-3.4	75	16	23	28+	608	0	0	0	17	0	2.86	-.57	.87	15	.0	0		8	2	0
SOLOMONS	54.3	42.1	48.2		73	2	28	22	496	0	0	0	6	0	4.22				T	T		5	3	0
--DIVISIONAL DATA----->			46.4	-.9											3.54	.27			.0					
UPPER SOUTHERN 04																								
BALTIMORE WASH INTL AP R	53.5	37.2	45.4	-.1	74	1	21	24	584	0	0	0	11	0	2.61	-.51	.80	13	T	T		5	3	0
BELTSVILLE	53.9	36.5	45.2	-1.5	74	16+	21	23	585	0	0	0	13	0	1.38	-1.94	.54	14	.0	0		4	1	0
DALECARLIA RESERVOIR	53.8	36.1	45.0	-2.2	75	16+	21	24	594	0	0	0	15	0	1.85	-1.56	.77	14	.0	0		6	1	0
LAUREL 3 W	53.2	39.0	46.1	-1.4	75	1	23	22	558	0	0	0	9	0	2.74	-1.24	.86	15	.0	0		5	3	0
MD SCI CTR BALTIMORE R	53.7	41.3	47.5		75	1	26	22	518	0	0	0	7	0	2.59		.85	15	M	M		4	3	0
NATL ARBORETUM DC	54.7	38.6	46.7	-.2	75	16	24	24	543	0	0	0	10	0	1.83	-1.49	.74	14	T	T		5	2	0
OXON HILL	54.1	37.9	46.0		75	16	26	28	564	0	0	0	11	0	2.05		.83	14	T	T		6	2	0
UPPER MARLBORO 3 NNW	54.5	35.5	45.0	-1.3	75	2	21	24	592	0	0	0	17	0	3.16	-.09	1.01	17	.0	0		6	3	1
--DIVISIONAL DATA----->			45.9	-.8											2.28	-1.10			.0					
NORTHERN EASTERN SHORE 05																								
CHESTERTOWN	52.4	38.3	45.4	-1.7	73	15	23	24	584	0	0	0	11	0	3.77	.43	1.26	15	T	T		8	3	1
--DIVISIONAL DATA----->			45.4	-1.1											3.77	.50			.0					
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	53.5	37.2	45.4	-2.2	72	16+	23	24	581	0	0	0	14	0	2.76	-.44	1.02	16	T	T		5	2	1
CATOCTIN MTN PARK	48.9	34.7	41.8	-2.0	71	7	15	22	688	0	0	1	16	0	3.51	-.36	1.08	13	.0	0		4	4	2
CONOWINGO DAM	55.7	35.2	45.5	.6	73	2	14	22	581	0	0	0	15	0	1.55	-2.21	.54	15	.0	0		5	1	0
CYLBURN	50.7	37.4	44.1		70	1	23	22+	624	0	0	0	11	0	2.11				.0	0		3	1	0
EMMITSBURG 2 SE	51.5	35.3	43.4	-1.4	72	2	20	24	641	0	0	0	13	0	1.86	-1.94	.97	14	.0	0		4	1	0

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	52.0	35.9	44.0		75	2	19	24	628	0	0	0	14	0	2.77		1.08	16	.0	0		4	3	1
MILLERS 4 NE	49.1	35.8	42.5	-2.3	70	1	20	23+	669	0	0	1	13	0	2.46	-1.15	.90	13	1.3	1	21	4	2	0
SMITHSBURG 2NW	50.5	32.2	41.4		72	1	16	24+	704	0	0	1	15	0	2.15		1.00	14	.0	0		4	2	1
--DIVISIONAL DATA-----> APPALACHIAN MOUNTAIN 07			43.5	-1.4											2.40	-1.22			.2					
CUMBERLAND 2	52.3	36.5	44.4	.8	78	7	17	23	611	0	0	0	12	0	1.51	-1.40	.44	13	M .0	0		6	0	0
FROSTBURG 2	43.7	29.5	36.6	-2.5	70	8	14	23	845	0	0	5	18	0	2.09	-1.67	.60	25	9.9	5	27	7	1	0
SHARPSBURG 5 S	52.5	31.2	41.9		75	2	15	24	685	0	0	0	16	0	M 2.71		1.08	15	T	T		4	2	2
WILLIAMSPORT	52.5	33.8	43.2		75	8	18	24	649	0	0	0	14	0	1.87		.85	14	.0	0		3	2	0
--DIVISIONAL DATA-----> ALLEGHENY PLATEAU 08			41.5	-1.2											1.82	-1.45			3.3					
OAKLAND 1 SE	45.8	22.0M	33.9M	-6.1	71	7+	4	24+	913	0	0	9	20	0	M 2.81		.75	16	M .0	0		5	3	0
SAVAGE RIVER DAM	45.8	29.0	37.4	-3.0	69	8	13	24+	822	0	0	3	16	0	M 1.86		.68	25	3.0	3	27	7	1	0
--DIVISIONAL DATA-----> DELAWARE NORTHERN 01			35.7	-3.9															3.0					
BEAR 2 SW	53.4	37.0	45.2		75	15	19	24	586	0	0	0	13	0	3.76		1.22	15	.2	T		7	3	1
WILMINGTON NEW CASTLE R	52.8	37.8	45.3	-.6	74	15	23	24+	584	0	0	0	10	0	3.51	.32	.93	15	.2	T		7	3	0
WILMINGTON PORTER RSVR	50.6	37.1	43.9	-1.8	70	1	22	22	630	0	0	1	9	0	4.02	.22	1.23	15	T	T		9	3	1
--DIVISIONAL DATA-----> SOUTHERN 02			44.8	-1.0											3.76	.38			.1					
DOVER	54.9	39.7	47.3	-1.9	74	15	25	23+	524	0	0	0	10	0	4.23	1.07	1.20	15	.0	0		7	3	1
GREENWOOD 2NE	53.1	36.7	44.9	-1.6	75	16	19	23	596	0	0	0	14	0	4.24	1.11	.80	14	T	T		8	4	0
LEWES	54.7	41.1	47.9	-2.1	75	1	24	23	507	0	0	0	7	0	6.21	2.88	1.08	6	.0	0		11	6	2
--DIVISIONAL DATA----->			46.7	-1.0											4.89	1.60			.0					

MARYLAND AND DELAWARE
NOVEMBER 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	7.63	-	-	-	.41	1.29	1.89	.01	.21	-	-	-	-	.82	.13	.83	.01	-	-	-	-	-	-	-	.24	.68	-	-	-	-	1.11	-
PRINCESS ANNE M	6.10				.34	.45	.42	.10	.20				.65	.32	1.45	.58	.08	.10	-	-	-	.02	.01	-	-	.87	.01	-	-	-	.50	-
SALISBURY	4.68				.44	.49	.33	T	.15					.61	.01	1.20	T	.01	.02		T			.25	.54				T	.63		
SALISBURY FAA AP	6.76				1.00	.82	1.33	.13	.33					.35	.20	.59	.41		.03			.01	T			.82				.74		
SNOW HILL 4 N																																
CENTRAL EASTERN SHORE 02																																
ROYAL OAK 2 SSW	5.42				.25	.13	.24		.29	.03				1.05	.03	1.16	.63	T	T		T	.03				.38				1.20		
VIENNA	6.04			1.24		.22	.55	.06	.17					.75	.23	1.13	.16	.03	.09							.71				.70		
LOWER SOUTHERN 03																																
MECHANICSVILLE 5 NE	2.86					.22	.15	.01	T	.12				T	.82	.87	.21		.08	T		T				.26	T			.12		
SOLOMONS	4.22				.04	.35	.29	.03	*	.16				.01	.55	*	1.58		.01	T						.55	T			.65		
UPPER SOUTHERN 04																																
BALTIMORE WASH INTL AP R	2.61			T	.16	.03	.04		.01				.01	.80	.01	.75		.01	T			T			.10	T				.69		
BELTSVILLE	1.38					.09	.01		.01	.01				.01	.54	.33	.17									.09				.12		
DALECARLIA RESERVOIR	1.85					.17	.07		.02					.01	.77	.38	.18									.12				.13		
LAUREL 3 W	2.74				.15								.02	.83	.04	.86		.02							.18	.03				.61		
MD SCI CTR BALTIMORE R	2.59				.03	.02	.01		.01				.01	.85	.01	.85		.01				.01			.11					.67		
NATL ARBORETUM DC	1.83				T	.13	.03		T					T	.74	.51	.17				T		T			.07				.18		
OXON HILL	2.05				T	.10	.07		T	T				.01	.83	.61	.10		.02	T			T			.10				.21		
UPPER MARLBORO 3 NNW	3.16					.13	.22	.08							.88			1.01					.02			.07			.24	.51		
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN	3.77				.13	.20	T		.08	.08			T	.88	.02	1.26	.24	T				T			.12	.16				.60		
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	2.76					.09	.13	T			.39			.01	.86		1.02		.05	T			T		.01	.20						
CATOCTIN MTN PARK	3.51				.03		.05		.02					1.08	.02	1.03	.04	.04				.05			.08	.50				.57		
CONOWINGO DAM	1.55					.08	.11			.06					.07	.54	.36					.02				.17				.14		
CYLBURN	2.11					.18	.09	.02	.02					.01	.76	*	*	*	.86					.02		.15						
EMMITSBURG 2 SE	1.86					T	T		T						.97	.16	.27								.41	T			.05			
FREDERICK 2 NNE	2.77					.01	.01		.01					.01	.91	.13	1.08		.03							.50				.08		
MILLERS 4 NE	2.46		.01	T	T	.02	.03	T	.02					.90	.03	.60	.01	T	.01	T	T	.08	T		T	.26	T			.49		
POTOMAC FLTR PLT	2.47				.10				.05				.04	.83	.03	.57									.08	.02				.75		
SMITHSBURG 2NW	2.15					.04	.03		.08						1.00	.10	.30									.55				.05		
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	1.51					.10			.02		.02			.44	.17	.18	.10	.04	.04	.01			T			.37	.02	T		T		

MARYLAND AND DELAWARE
NOVEMBER 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	2.09					.02					T			.30	.22	.20	.20	T	.18	.01		.03	.08				.60	.25	T				
SHARPSBURG 5 S	M 2.71					.01	.01	.01	.01					.01	1.03	1.08	.10	T	.08	T		T					.37	T				-	
WILLIAMSPORT	1.87					.01									.85	.06	.42										.50					.02	
ALLEGHENY PLATEAU 08																																	
OAKLAND 1 SE	M 2.81							.06					.50	.07	.23	.75	.75	-	-		-	-	-			.45	-				-		
SAVAGE RIVER DAM	M 1.86										T			.24	.22	.24	.20	-	.12	-		-	-				.68	.16				-	
DELAWARE																																	
NORTHERN 01																																	
BEAR 2 SW	3.76				.07	.18	.01		.21				T	.88	.03	1.22	T	T	T	T	T	.04	T			.26	.14				.72		
WILMINGTON NEW CASTLE R	3.51				.06	.16	.01		.18				T	.90	.03	.93	.02	T	T	T	T	.06	T			.25	.10				.81		
WILMINGTON PORTER RSVR	4.02				.10	.19	.04		.19					.95	T	1.23	T					.14				.25	.13				.80		
SOUTHERN 02																																	
DOVER	4.23				.11	.20	.41	T	.09	.08				.07	.80	1.20		.03									.45				.79		
GREENWOOD 2NE	4.24				T	.42	.59	.08		.21					.80	.70	.40						T				.59		.01		.44		
LEWES	6.21				.41	.42	1.08	.12	.14					.70	.12	1.06		.54				.01				T	.85	.01			.75		

MARYLAND AND DELAWARE
NOVEMBER 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	77	62	67	61	60	63	63	65	64	59	54	58	63	61	67	64	54	43	40	52	45	38	47	56	52	50	54	60	51	54	56.8	
		MIN	44	45	52	57	58	58	57	55	36	45	35	41	50	57	57	45	39	33	30	33	32	29	29	22	41	37	25	30	30	43	41.5	
PRINCESS ANNE	17	MAX																															M	
		MIN																															M	
SALISBURY	17	MAX	74	61	72	63	63	63	63	62	61	55	52	53	62	63	71	67	51	49	38	49	44	44	43	55	49	48	51	56	49	59	56.3	
		OBS		72										64		75	49	39																
		MIN	40	47	47	54	55	56	60	55	42	40	32	41	41	60	60	43	29	31	26	33	32	26	22	26	42	35	26	31	27	40	40.0	
		OBS												55	44	31																		
SALISBURY FAA AP M	MID	MAX	73	59	66	62	62	63	62	61	54	50	52	64	62	74	57	49	42	37	50	41	37	43	55	49	49	50	56	49	60	55.0		
		MIN	34	39	47	55	56	58	50	52	33	28	23	35	37	56	57	28	25	30	25	25	28	18	15	19	33	25	21	26	20	39	34.6	
SNOW HILL 4 N	17	MAX	77	62	67	64	63	63	63	67	63	56	52	55	64	63	71	68	52	46	39	50	46	38	45	56	51	50	53	58	51	55	56.9	
		OBS		74																														
		MIN	39	43	45	53	54	55	59	50	27	35	26	33	37	55	58	41	27	33	26	26	31	23	18	21	42	28	23	27	23	37	36.5	
		OBS			64																													
CENTRAL EASTERN SHORE 02																																		
ROYAL OAK 2 SSW	18	MAX	72	68	65	60	63	63	68	64	62	56	50	52	58	59	72	69	49	46	39	49	43	37	43	53	49	49	51	50	48	55.2		
		MIN	41	48	43	49	55	56	59	54	40	43	38	35	41	54	56	44	40	35	29	33	32	28	28	25	42	38	26	45	25	31	40.4	
		OBS														40																		
VIENNA	18	MAX	75	60	67	66	64	64	65	67	60	61	52	53	62	60	72	73	52	48	45	50	46	37	44	53	52	50	51	52	50	51	56.7	
		MIN	40	45	46	51	53	53	58	53	39	36	28	35	40	51	50	42	28	37	28	30	31	26	20	29	38	25	24	22	23	36	37.2	
		OBS																45									27							
LOWER SOUTHERN 03																																		
MECHANICSVILLE 5 NE	07	MAX	62	71	56	61	58	65	65	70	63	60	54	48	51	53	67	75	51	47	40	38	48	40	36	42	54	50	46	50	47	53.9		
		MIN	30	37	49	49	54	54	56	52	38	33	29	29	39	48	53	40	29	29	26	26	28	23	23	23	27	30	23	23	25	25	35.0	
SOLOMONS	08	MAX	66	73	58	61	59	61	65	68	63	61	54	48	53	57	64	72	51	49	39	39	48	42	39	43	52	49	47	51	51	46	54.3	
		OBS																																
		MIN	45	51	51	52	56	56	59	57	46	42	39	44	47	49	54	44	37	35	30	31	36	28	30	35	40	36	30	30	34	39	42.1	
UPPER SOUTHERN 04																																		
BALTIMORE WASH INTL APM	MID	MAX	74	60	60	59	68	66	70	67	59	50	51	53	52	56	73	51	48	40	38	46	38	36	42	52	48	45	48	50	50	56	53.5	
		MIN	38	49	48	49	54	58	53	52	39	34	29	41	42	50	51	38	34	27	24	33	26	24	22	21	39	27	25	28	25	36	37.2	
BELTSVILLE	08	MAX	66	74	57	59	60	68	67	72	67	58	51	50	52	52	62	74	48	49	38	37	45	38	35	44	53	48	43	49	50	50	53.9	
		MIN	35	42	48	48	55	57	53	53	40	39	28	35	43	46	52	44	33	31	26	27	28	25	21	23	25	37	24	26	25	26	36.5	
DALECARLIA RESERVOIR	08	MAX	68	75	58	59	60	67	66	73	67	58	51	49	51	51	62	75	54	49	39	38	38	38	35	44	52	48	44	50	48	48	53.8	
		MIN	32	37	46	47	47	56	53	53	41	38	29	40	42	48	50	43	34	31	27	28	29	23	22	21	24	31	26	31	27	27	36.1	
LAUREL 3 W M	MID	MAX	75	63	63	63	67	66	72	66	59	50	50	51	51	55	74	58	48	38	37	45	36	36	42	50	48	43	48	48	48	45	53.2	
		MIN	45	49	46	46	53	57	56	53	46	37	31	40	42	49	55	39	33	29	24	33	28	23	25	26	38	34	31	35	31	35	39.0	

MARYLAND AND DELAWARE
NOVEMBER 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	
MD SCI CTR BALTIMORE M	MID	MAX	75	62	59	60	68	67	70	67	59	50	50	52	54	57	71	53	50	40	37	46	37	36	43	50	48	45	50	51	50	55		53.7
NATL ARBORETUM DC	07	MIN	46	49	48	54	56	59	57	55	49	39	35	44	47	52	53	39	37	32	27	36	29	26	27	32	39	34	32	36	33	37		41.3
		MAX	67	74	59	59	60	68	68	73	66	66	52	51	52	53	62	75	52	48	41	39	47	39	36	43	55	48	43	49	48	48		54.7
OXON HILL	08	OBS			74													75																
		MIN	34	51	49	50	55	58	55	53	43	40	34	37	44	47	47	45	36	34	28	30	34	28	25	24	29	33	27	31	28	29		38.6
		MAX	65	74	57	58	59	68	66	72	67	60	52	51	51	52	63	75	50	47	39	39	46	40	36	42	55	47	44	50	48	49		54.1
		MIN	33	40	49	49	55	55	54	55	42	38	34	34	43	48	51	44	35	32	27	27	33	27	27	28	29	33	27	26	32	30		37.9
UPPER MARLBORO 3 NNW	08	MAX	68	75	57	60	58	67	65	73	67	61	52	51	52	52	61	74	51	49	39	39	47	39	37	45	54	48	45	52	47	51		54.5
		MIN	29	37	48	47	53	55	54	55	41	36	31	31	41	47	52	42	32	31	26	26	30	25	23	21	22	32	23	22	27	26		35.5
NORTHERN EASTERN SHORE 05																																		
CHESTERTOWN	23	MAX	72	57	61	58	62	64	67	61	60	54	50	52	54	57	73	55	47	38	36	46	37	36	40	51	47	47	47	47	48		52.4	
		MIN	42	47	46	47	54	57	54	49	41	38	32	39	42	52	55	41	37	31	26	34	29	27	25	23	35	30	25	31	26	33		38.3
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	07	MAX	63	72	52	61	60	65	68	72	61	58	52	52	55	55	59	72	48	50	40	39	46	38	35	41	50	49	46	51	47	49		53.5
		MIN	31	37	47	50	53	57	60	52	43	37	30	31	42	46	54	44	36	32	27	27	34	24	24	23	27	35	28	30	28	28		37.2
		MAX	70	67	59	58	62	65	71	61	54	42	46	48	50	51	64	54	42	35	43	36	40	28	39	39	40	34	45	45	44	36		48.9
CATOCTIN MTN PARK	17	MIN	51	41	41	45	50	52	52	48	39	34	29	32	39	41	48	34	31	22	22	26	28	15	19	27	31	30	27	31	27	30		34.7
		OBS																																
		MAX	68	73	56	59	63	66	67	72	72	60	54	55	52	54	60	72	50	50	50	42	51	37	38	45	49	49	47	54	55	51		55.7
CONOWINGO DAM	07	OBS										72																						
		MIN	32	40	40	47	44	50	54	55	38	38	31	31	38	43	54	40	30	32	28	32	34	14	22	21	24	30	29	34	22	28		35.2
CYLBURN	20	MAX	70	56	57	59	65	63	67	62	55	49	48	53	51	55	65	49	46	38	37	44	34	33	40	48	47	42	47	49	47	44		50.7
		OBS	63	70	56	57	59	65	63	67	62	55	49	48	53	51	55	65	49	46	38	37	44	34	33	40	48	47	42	47	49	47		
		MIN	41	46	46	47	52	54	53	54	45	35	32	39	38	43	49	39	37	29	23	24	29	23	24	24	39	35	29	33	29	31		37.4
		OBS													28			49																
EMMITSBURG 2 SE	07	MAX	66	72	52	58	61	64	67	71	63	54	46	49	52	49	55	69	46	46	38	37	45	37	35	42	42	45	40	48	49	47		51.5
		MIN	29	45	45	46	49	53	51	49	43	40	33	34	34	43	47	42	37	28	22	22	31	24	22	20	21	37	29	28	27	29		35.3
FREDERICK 2 NNE	07	MAX	68	75	54	61	61	65	68	74	64	55	48	49	51	50	54	71	46	45	38	37	35	37	34	42	43	45	41	49	51	48		52.0
		MIN	30	44	46	47	51	55	53	49	46	41	29	35	37	43	48	43	37	31	25	27	29	25	22	19	21	38	29	27	25	24		35.9
MILLERS 4 NE	18	MAX	70	65	56	60	62	62	67	63	54	44	46	50	48	53	68	54	43	35	34	41	35	31	38	42	42	37	44	45	44	40		49.1
		MIN	46	40	43	44	51	53	51	53	39	36	30	33	41	46	52	38	32	26	21	29	25	20	20	24	34	33	27	31	26	31		35.8
SMITHSBURG 2NW	08	MAX	72	71	55	60	61	66	63	71	60	58	43	46	49	51	61	67	45	44	38	34	40	35	32	38	43	42	37	45	46	42		50.5
		OBS			71			52										51	67	68														
		MIN	28	39	41	43	44	50	49	48	40	38	25	34	36	42	45	34	35	21	16	18	30	18	16	16	21	32	30	28	20	29		32.2
		OBS		29	27			66																										
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	18	MAX	76	68	70	62	72	71	78	66	53	46	50	52	51	55	61	57	40	40	38	42	35	35	45	36	43	39	50	51	50	38		52.3
		MIN	43	52	44	45	52	45	48	52	44	39	26	40	42	49	52	38	36	29	25	32	28	25	17	20	33	34	25	25	24	32		36.5
FROSTBURG 2	07	MAX	62	65	55	62	53	62	64	70	50	40	33	42	45	46	52	54	35	33	27	29	33	23	23	37	35	33	29	40	38	40		43.7

MARYLAND AND DELAWARE
NOVEMBER 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
SHARPSBURG 5 S	07	MIN	36	47	38	42	44	47	47	46	37	31	21	26	34	37	41	31	28	21	18	19	22	15	14	15	23	27	19	19	20	19	29.5
		MAX	69	75	56	62	61	68	66	74	66	53	48	47	51	51	58	69	46	46	36	37	44	37	35	43	42	46	40	49	51	48	52.5
		MIN	28	37	44	43	44	49	49	49	35	34	23	24	38	43	48	42	33	23	17	17	25	18	16	15	20	29	24	24	22	22	31.2
WILLIAMSPORT	06	MAX	68	74	56	64	61	71	67	75	64	54	46	49	52	50	54	67	46	43	39	39	44	38	36	43	41	44	40	51	51	48	52.5
		OBS																64															
		MIN	29	36	40	44	47	53	52	49	42	39	28	29	35	43	48	42	38	26	23	21	33	26	19	18	20	33	28	25	24	23	33.8
ALLEGHENY PLATEAU 08 OAKLAND 1 SE	07	MAX	64	65	68	71	65	66	71	69	49	33	42	40	53	61	54	53	30	28	30	32	25	23	25	42	30	28	40	39	41	37	45.8
		OBS								46	37			53			31								37								
		MIN	25	34	36	36	34	35	35	35	30	16	16	16	34	34	30	27	21	18	18	20	14		4	4	16	6	10	10	12	12	22.0
SAVAGE RIVER DAM	08	MAX	61	65	56	62	62	62	65	69	52	43	38	45	47	47	51	57	39	36	30	34	36	27	26	36	38	38	33	40	40	39	45.8
		MIN	29	40	37	37	41	37	37	46	41	35	22	23	37	40	41	33	33	26	24	24	26	20	13	13	20	20	17	16	21	20	29.0
		OBS		29																													
DELAWARE NORTHERN 01 BEAR 2 SW M	MID	MAX	72	60	61	60	65	65	68	62	60	51	51	53	57	59	75	53	48	40	38	44	35	36	42	50	48	48	48	51	49	53	53.4
		MIN	36	46	45	45	56	59	52	48	39	37	28	38	42	55	53	40	35	30	27	32	27	23	21	19	39	32	26	26	23	32	37.0
		MAX	71	56	60	60	64	65	66	61	59	51	51	50	56	58	74	53	48	41	37	45	36	35	40	49	48	48	47	51	49	54	52.8
WILMINGTON NEW CASTLE M	MID	MIN	41	45	46	46	55	58	54	49	43	36	32	37	43	53	53	38	35	29	25	33	26	23	24	23	36	33	30	28	27	33	37.8
		MAX	70	56	57	58	62	63	63	64	63	47	47	49	55	56	69	51	45	37	34	41	34	32	37	47	44	45	45	47	44	55	50.6
		MIN	44	42	49	44	53	56	54	43	39	33	39	33	33	52	51	38	33	28	25	31	25	22	24	27	34	33	31	33	30	35	37.1
SOUTHERN 02 DOVER	16	MAX	73	72	64	63	61	62	62	65	60	60	50	51	57	61	74	71	50	41	38	46	40	36	40	52	51	48	48	47	47	58	54.9
		MIN	45	46	45	45	54	57	58	53	42	40	32	40	42	55	56	40	34	32	26	28	32	25	25	28	44	34	30	34	31	39	39.7
		OBS																								34							
GREENWOOD 2NE	07	MAX	65	73	54	63	60	61	62	63	59	60	51	50	52	58	64	75	50	48	40	37	46	37	35	41	53	47	46	49	48	47	53.1
		MIN	40	39	45	49	55	57	59	52	39	39	28	28	40	52	55	43	30	33	26	28	33	26	19	23	27	30	26	31	24	25	36.7
		OBS	29																														
LEWES	17	MAX	75	62	62	58	60	59	60	65	63	59	49	51	61	61	72	69	49	45	37	47	43	36	42	55	50	49	53	51	47	51	54.7
		OBS		74																													
		MIN	48	52	50	55	55	56	57	57	43	43	34	40	43	57	58	44	35	35	28	31	34	26	24	26	40	36	29	33	29	35	41.1

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	11	*	22	4	-	*	*	*	*	*	*	*	84	*	*	*	34	*	*	*	29	*	*	19	5	10	-	-	-	-	2.62	
	MAX	65	70	63	58	58	66	63	73	69	64	58	55	52	51	57	71	50	51	43	46	49	42	46	46	47	53	45	51	43	51	55.2	
	MIN	38	42	49	49	51	54	56	55	46	41	35	35	42	44	51	42	37	37	33	33	36	32	32	33	33	36	35	34	35	34	40.3	

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.

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																																
SOUTHERN EASTERN																																
SHORE 01																																
SALISBURY FAA AP	SNOWFALL SN ON GND																					T										
SNOW HILL 4 N	SNOWFALL SN ON GND																					.1	T									
CENTRAL EASTERN																																
SHORE 02																																
ROYAL OAK 2 SSW	SNOWFALL SN ON GND																	T	T		T	T										
LOWER SOUTHERN 03																		T	T		T	T										
SOLOMONS	SNOWFALL SN ON GND																			T												
UPPER SOUTHERN 04																																
BALTIMORE WASH INTL AP R	SNOWFALL SN ON GND WTR EQUIV																		T			T	T			T						
NATL ARBORETUM DC	SNOWFALL SN ON GND																				T		T									
OXON HILL	SNOWFALL SN ON GND																			T			T								T	
NORTHERN EASTERN																																
SHORE 05																																
CHESTERTOWN	SNOWFALL SN ON GND																					T	T									
NORTHERN CENTRAL 06																																

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)

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	
ABERDEEN PHILLIPS FLD	SNOWFALL																			T			T			T							
MILLERS 4 NE	SN ON GND																			T			T										
	SNOWFALL																		T				1.3										
	SN ON GND																			T			1		T							T	
APPALACHIAN																																	
MOUNTAIN 07																																	
FROSTBURG 2	SNOWFALL										T						.1	T	2.1	.8		1.0	1.7										
	SN ON GND										T						T	T	2	2	2	1	3				4.2	T					
SHARPSBURG 5 S	SNOWFALL																																
	SN ON GND																			T		T					T		2		1	T	
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	SNOWFALL																	T		T		T					3.0						
	SN ON GND																										3	3	1		1	-	
DELAWARE																																	
NORTHERN 01																																	
BEAR 2 SW	SNOWFALL																		T	T	T	.2	T										
	SN ON GND																					T											
WILMINGTON NEW CASTLE R	SNOWFALL																		T	T	T	.2	T										
	SN ON GND																																
	WTR EQUIV																																
WILMINGTON PORTER RSVR	SNOWFALL																					T											
	SN ON GND																					T											
SOUTHERN 02																																	
GREENWOOD 2NE	SNOWFALL																																
	SN ON GND																																

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
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.

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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

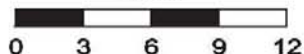
For further information, refer to the
station index and reference notes.

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

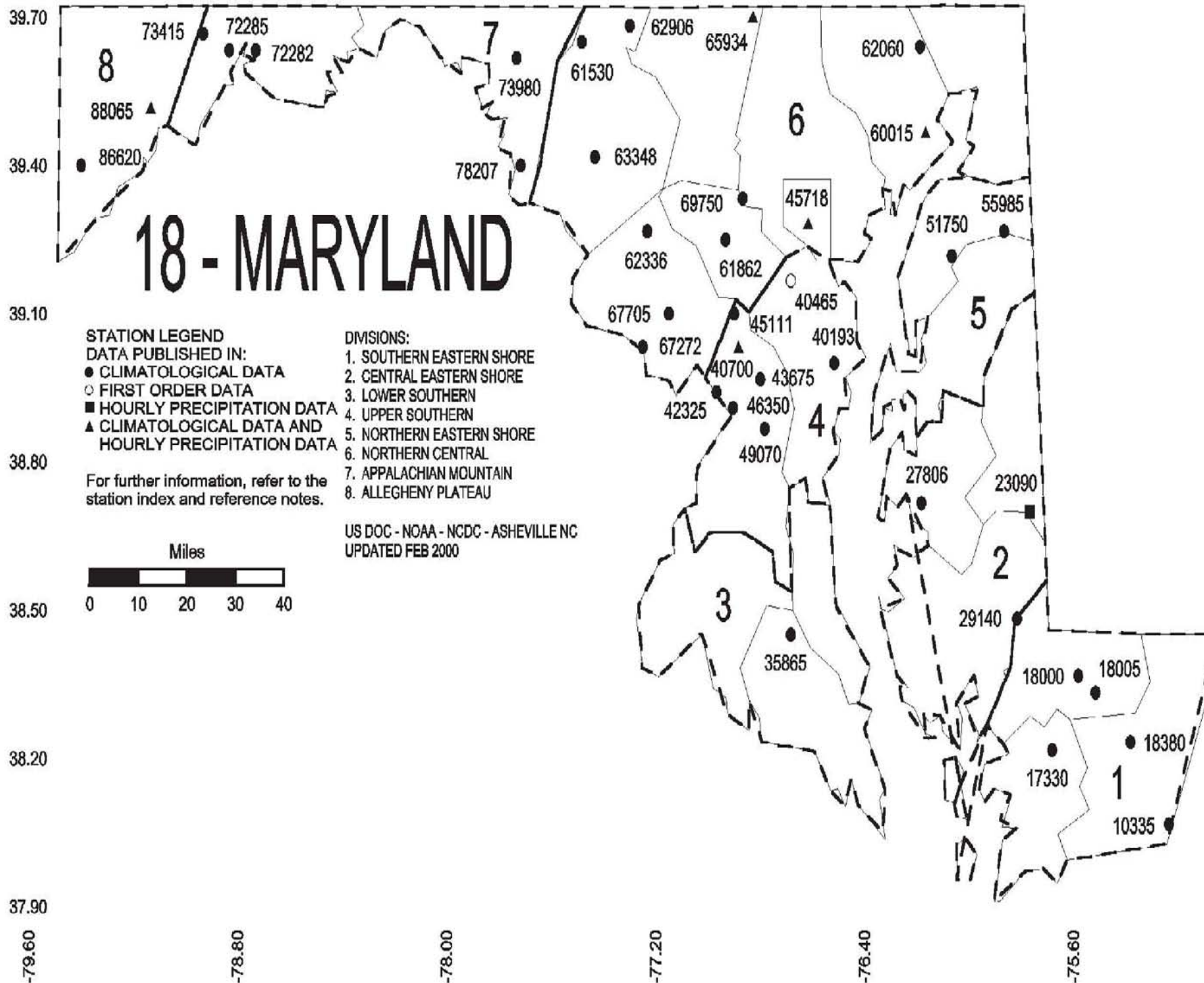
22730

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.

Local Climatological Data

LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains 3 hourly weather observations for that month and a hourly summary of precipitation. Annual LCD publications contain a summary of the past calendar year as well as historical averages and extremes.

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