



# CLIMATOLOGICAL DATA

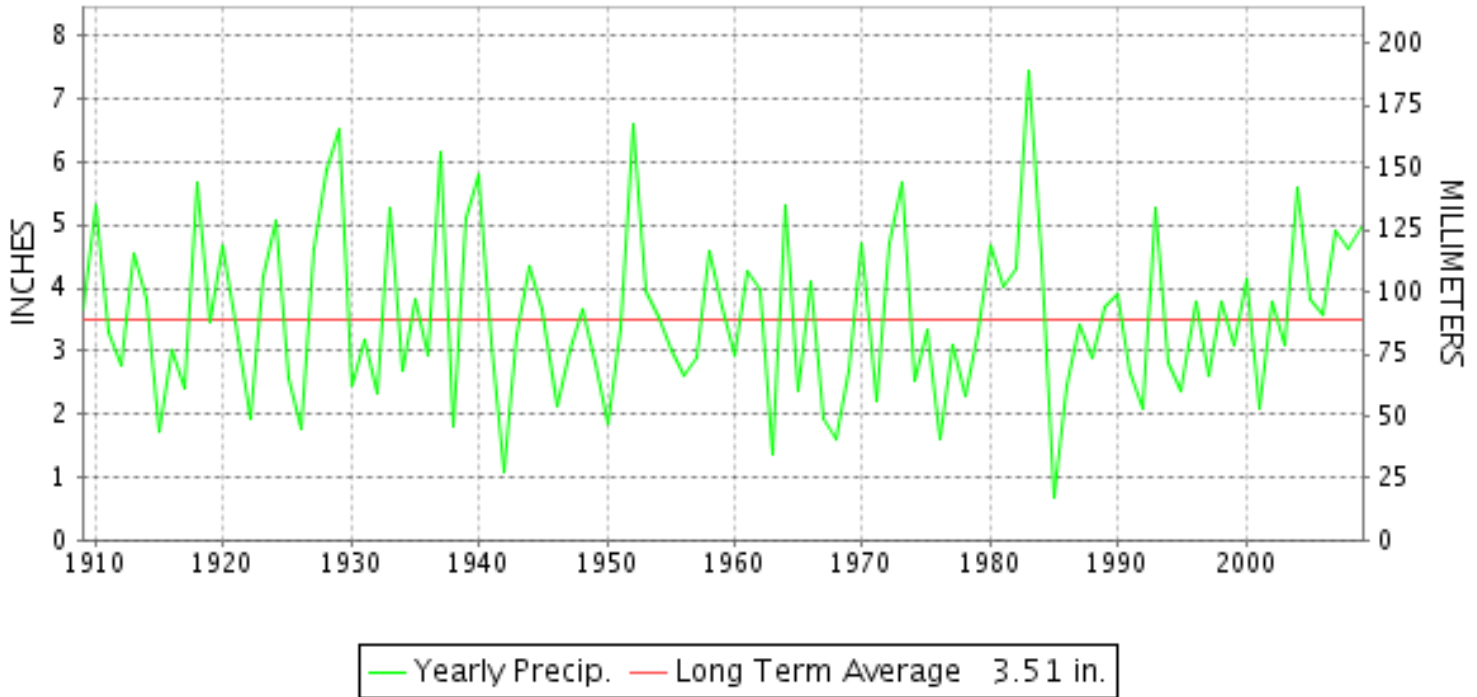
## MARYLAND AND DELAWARE

APRIL 2009

VOLUME 113 NUMBER 04

ISSN 0145-054

### APRIL PRECIPITATION BY YEAR



### TEMPERATURE AND PRECIPITATION EXTREMES

#### MARYLAND

HIGHEST TEMPERATURE	96	APRIL 28	CUMBERLAND 2
LOWEST TEMPERATURE	24	APRIL 13+	2 STATIONS
GREATEST TOTAL PRECIPITATION	7.16		CYLBURN
LEAST TOTAL PRECIPITATION	3.11		WILLIAMSPORT
GREATEST 1 DAY PRECIPITATION	2.17	APRIL 11	PRINCESS ANNE
GREATEST TOTAL SNOWFALL	5.7		OAKLAND 1 SE
GREATEST DEPTH OF SNOW OR ICE	4	APRIL 8	OAKLAND 1 SE

"I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA) It is compiled using information from weather observing sites supervised by NOAA/National Weather Service and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801."

Director  
National Climatic Data Center

noaa

National  
Oceanic and  
Atmospheric Administration

National  
Environmental Satellite, Data  
and Information Service

National  
Climatic Data Center  
Asheville, North Carolina

**DELAWARE**

HIGHEST TEMPERATURE	92	APRIL 27+	3 STATIONS
LOWEST TEMPERATURE	27	APRIL 13	BEAR 2 SW
GREATEST TOTAL PRECIPITATION	7.23		LEWES
LEAST TOTAL PRECIPITATION	4.03		WILMINGTON NEW CASTLE R
GREATEST 1 DAY PRECIPITATION	1.46	APRIL 15	DOVER

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										
<b>MARYLAND</b>																								
<b>SOUTHERN EASTERN SHORE 01</b>																								
ASSATEAGUE	M	M	M															M	M					
PRINCESS ANNE	68.3M	41.4M	54.9M	.5	90	28	26	17+	324	27	1	0	5	0	5.83	2.60	2.17	11	M .0	0		6	4	2
SALISBURY	69.9	47.1	58.5	2.6	92	27+	33	13	243	55	3	0	0	0	5.05	1.71	.94	14	.0	0		8	6	0
SALISBURY FAA AP	66.7	42.3	54.5	.2	92	26	26	13+	347	39	2	0	7	0	4.44	1.03	1.13	11	.0	0		7	3	2
SNOW HILL 4 N	69.7	45.2	57.5	2.0	94	26+	29	13	268	48	3	0	3	0	6.13	2.89	1.68	6	.0	0		9	5	2
--DIVISIONAL DATA----->			56.4	2.3											5.36	2.10			.0					
<b>CENTRAL EASTERN SHORE 02</b>																								
ROYAL OAK 2 SSW	68.2	47.1	57.7	1.6	91	27+	30	13	267	52	2	0	1	0	6.07	2.57	1.50	15	.0	0		11	4	2
VIENNA	71.6M	45.7M	58.7M	3.1	95	27	29	15+	239	58	4	0	3	0	4.45	1.12	1.22	11	.0	0		6	2	1
--DIVISIONAL DATA----->			58.2	3.7											5.26	1.87			.0					
<b>LOWER SOUTHERN 03</b>																								
MECHANICSVILLE 5 NE	67.1	42.6	54.9	-4	93	27	30	13	338	42	3	0	3	0	4.93	1.44	1.05	14	.0	0		11	4	1
SOLOMONS	64.2	48.9	56.6		90	28	39	8+	289	41	1	0	0	0	3.65		.82	14	.0	0		9	3	0
--DIVISIONAL DATA----->			55.8	1.6											4.29	1.09			.0					
<b>UPPER SOUTHERN 04</b>																								
BALTIMORE WASH INTL AP R	65.9	43.9	54.9	1.7	91	27+	29	13	339	39	3	0	2	0	5.80	2.80	1.55	3	T	T		8	4	3
BELTSVILLE	M	M	M																M	M				
DALECARLIA RSVR	67.2	43.8	55.5	-1	95	28	33	14	317	42	4	0	0	0	5.25	1.71	1.47	21	.0	0		11	3	1
LAUREL 3 W	66.5	46.5	56.5	1.6	92	27+	34	13	293	47	3	0	0	0	6.22	2.61	1.53	20	.0	0		10	4	2
MD SCI CTR BALTIMORE R	66.0	48.4	57.2		93	27+	38	8+	277	50	2	0	0	0	6.20		1.61	20	M	M		9	4	3
NATL ARBORETUM DC	71.3	49.2	60.3	6.2	94	28+	38	13+	199	63	5	0	0	0	4.08	.82	.84	16	.0	0		11	2	0
OXON HILL	68.4	45.6	57.0		94	27	34	13	283	51	3	0	0	0	4.84		.84	21	.0	0		14	3	0
UPPER MARLBORO 3 NNW	66.7	44.0	55.4	2.0	93	27	30	13	329	48	3	0	2	0	5.07	1.79	.71	21	.0	0		14	5	0
--DIVISIONAL DATA----->			56.7	2.6											5.35	2.01			.0					
<b>NORTHERN EASTERN SHORE 05</b>																								
CHESTERTOWN	65.3	45.3	55.3	1.2	92	26	28	13	323	37	1	0	1	0	5.26	1.92	2.05	29	.0	0		8	4	1
--DIVISIONAL DATA----->			55.3	2.0											5.26	1.87			.0					
<b>NORTHERN CENTRAL 06</b>																								
ABERDEEN PHILLIPS FLD	64.5	42.3	53.4	-1.2	92	28	29	13	375	35	3	0	4	0	5.03	1.67	.98	21	.0	0		10	4	0
CATOCTIN MTN PARK	66.0	42.9	54.5	2.6	91	27+	28	8	360	54	3	0	2	0	6.39	2.43	1.99	3	.0	0		7	5	2
CONOWINGO DAM	67.2	M	M		93	27	35	16+			3	0	0	0	4.33	.68	1.06	21	.0	0		8	4	1
CYLBURN	63.9	43.5	53.7		92	28	31	13	372	41	2	0	1	0	7.16		1.94	21	.0	0		11	4	1
DAMASCUS 3 SSW	M	M	M		91	27	30	13			1	0	3	0	3.17		.80	21	T	T		6	2	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										
EMMITSBURG 2 SE	64.6	40.4	52.5	-.3	92	27	27	14+	401	34	3	0	8	0	4.20	.40	1.68	21	.0	0		11	1	1
FREDERICK 2 NNE	66.1	41.8	54.0		94	28+	30	13	362	38	3	0	4	0	4.05		1.71	21	.0	0		8	2	1
MILLERS 4 NE	64.4	42.4	53.4	1.6	88	27+	26	13	378	36	0	0	4	0	4.49	1.04	1.19	3	.4	T		7	4	1
SMITHSBURG 2NW	62.7	38.3	50.5		90	27	24	13	454	24	1	0	9	0	3.32		.75	21	.0	0		10	1	0
--DIVISIONAL DATA-----> <b>APPALACHIAN MOUNTAIN 07</b>			53.1	.8											4.68	1.15			.0					
CUMBERLAND 2	68.7	41.9	55.3	2.4	96	28	30	13+	335	50	4	0	5	0	3.89	.73	.82	20	.0	0		12	3	0
FROSTBURG 2	59.1	36.2	47.7	1.8	88	28	25	8+	537	23	0	0	12	0	4.62	.65	.71	4	.7	1	8	13	3	0
SHARPSBURG 5 S	65.6	38.1	51.9		93	26	27	14+	418	31	3	0	10	0	3.88		.64	21	.0	0		9	4	0
WILLIAMSPORT	65.6	39.4	52.5		93	27+	29	14+	397	30	3	0	7	0	3.11		.74	21	.0	0		8	2	0
--DIVISIONAL DATA-----> <b>ALLEGHENY PLATEAU 08</b>			51.9	1.2											3.88	.49			.2					
OAKLAND 1 SE	58.5	34.1	46.3	-1.2	86	28	24	12+	559	9	0	1	18	0	4.90	.83	.93	4	5.7	4	8	16	1	0
SAVAGE RIVER DAM	59.6	36.5	48.1	.7	89	28	28	12+	516	16	0	0	9	0	4.23	.85	.58	4	T	T		13	3	0
--DIVISIONAL DATA-----> <b>DELAWARE NORTHERN 01</b>			47.2	.2											4.57	.73			2.9					
BEAR 2 SW	64.6	42.7	53.7		92	26	27	13	361	27	1	0	3	0	4.65		1.03	3	.0	0		9	5	1
WILMINGTON NEW CASTLE R	64.5	44.5	54.5	2.1	91	26	30	13	347	39	1	0	2	0	4.03	.64	.85	20	T	T		9	5	0
WILMINGTON PORTER RES	63.3	43.8	53.6	2.1	88	27+	33	1	363	26	0	0	0	0	M 4.96		.98	3	.0	0		10	4	0
--DIVISIONAL DATA-----> <b>SOUTHERN 02</b>			53.9	1.5											4.34	.71			.0					
DOVER	66.5	45.3	55.9	1.3	92	26	28	13	314	50	2	0	1	0	5.31	1.84	1.46	15	.0	0		9	5	1
GREENWOOD 2NE	64.8	42.5	53.7	1.5	91	27	28	14+	375	40	2	0	6	0	5.11	1.66	.84	7	.0	0		11	3	0
LEWES	67.0	46.9	57.0	2.4	92	27	33	8	292	56	2	0	0	0	7.23	3.69	1.44	14	.0	0		10	7	3
--DIVISIONAL DATA----->			55.5	2.3											5.88	2.41			.0					

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	
<b>MARYLAND</b>																																	
<b>SOUTHERN EASTERN SHORE 01</b>																																	
ASSATEAGUE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCESS ANNE	5.83		.16	.03							2.17			.98	.08	.49			*	*	.13	1.14	.62	.03									
SALISBURY	5.05			.20			.50	.02			.85			.94	.22	.66						.90	.73	.03									
SALISBURY FAA AP	4.44	T	.03	.16			1.07	T			1.13		.07	.72	.27	T					.49	.08	.42								T		
SNOW HILL 4 N	6.13			.37			1.68				.81			1.29	.12	.30					.11	.78	.67										
<b>CENTRAL EASTERN SHORE 02</b>																																	
ROYAL OAK 2 SSW	6.07	T	.16	.50			.37				.68			1.48	1.50	.10					.40	.28	.35	.08			.06		T		.11		
VIENNA	4.45			.28			.38	.09			1.22		*	.96	.47						.40		.53	.07			.05						
<b>LOWER SOUTHERN 03</b>																																	
MECHANICSVILLE 5 NE	4.93		.06	.59	.43			.25	T		.15	.22		1.05	.05	.66					.21	.67	.20	.34								.05	
SOLOMONS	3.65	T	.07	.42	.07			.25			*	.29		.82	.10	.54					.13	.52	.21	.22								.01	
<b>UPPER SOUTHERN 04</b>																																	
BALTIMORE WASH INTL AP R	5.80	.01	.03	1.55			.19	T	T		.87		.11	.21	1.14						1.44	.10	.06			T				.09			
BELTSVILLE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DALECARLIA RSVR	5.25		.12	.53	.45						.39	.32		.30	.02	.85					.31	1.47	.05	.16								.28	
LAUREL 3 W	6.22	.18		1.36			.15				.87		.02	.21	.90	.01					1.53	.42	.30			.02				.25			
MD SCI CTR BALTIMORE R	6.20	.05		1.50			.43				.88		.11	.20	1.14						1.61	.15	.02						.11				
NATL ARBORETUM DC	4.08		.21	.32			*	.11	T		.19	.21	T	.44	.05	.84					.34	.71	.15	.03			.26		T		.22		
OXON HILL	4.84		.12	.39	.56			.22			.19	.31		.48	.27	.59					.23	.84	.31	.12			.05				.16		
UPPER MARLBORO 3 NNW	5.07		.01	.50	.47			.19			.10	.30		.66	.15	.70					.16	.71	.51	.12			.39				.10		
<b>NORTHERN EASTERN SHORE 05</b>																																	
CHESTERTOWN	5.26	.12	.07	.82			.26				.51		.02	.86	.13	.02					.37	.03				T			2.05				
<b>NORTHERN CENTRAL 06</b>																																	
ABERDEEN PHILLIPS FLD	5.03		.08	.74	.45			.19				.63		.44	.28	.89					.03	.98	.10	.17							.05		
CATOCTIN MTN PARK	6.39	.10	.08	1.99	.02		.05	.05			.64	.01	.02	.30	.75	.07	.01				1.55	.60	T	.03					.03	.09			
CONOWINGO DAM	4.33		.05	*	.48			.14			.11	.58		.50	.34	.70						1.06	.23	.03					.02	.09			
CYLBURN	7.16		.04	.96	.90			.27	T		*	.82		.28	.45	.80					.14	1.94	.21	.06				.14	.02	.13			
DAMASCUS 3 SSW	3.17	T	.01	.37	.50			.03	T	*	*	.60									.38	.80	.24	.04			.14	T	T	.20			
EMMITSBURG 2 SE	4.20	.03	.14	.27	.42			.03	T		.25	.37		.15	.10	.47					.11	1.68	.14	T				.02	.02				
FREDERICK 2 NNE	4.05	.01	.06	.13	.31						.32	.42		.02	.07	.54					.18	1.71	.14	.05				.02	.07		.07		
MILLERS 4 NE	4.49	.06	.02	1.19			.03	T	.02		.63			.34	.70	.01					.98	.19	.24	.01	T			.07	T				
POTOMAC FLTR PLT	3.41	.07		.39			.80				.65			.04	.26	.07					.72		.18						.23				
SMITHSBURG 2NW	3.32	.03	.10	.25	.05		.03	.35			.18	.45		.05	.10	.36					.24	.75	.30	.08									
<b>APPALACHIAN MOUNTAIN 07</b>																																	

MARYLAND AND DELAWARE  
APRIL 2009

## 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
CUMBERLAND 2	3.89		.22	.10	.48		.04	.02	T			.56	.05		.01	.14	.25				.82	.54	.10	.12							.20	.22
FROSTBURG 2	4.62			.48	.71		.01	.01	.03			.43	.13		.10	.31	.21				.57	.66	.18	.28							.22	.29
SHARPSBURG 5 S	3.88	.01	.05	.55	.42		T	.02				.29	.55		.01	.06	.56				.38	.64	.22			T					.01	.11
WILLIAMSPORT	3.11	.04	.11	.23	.42			.07				.04			.07	.05	.50				.44	.74	.17	.15							.05	.03
<b>ALLEGHENY PLATEAU 08</b>																																
OAKLAND 1 SE	4.90	.10	.12	.02	.93		.10	.42	.15			.42	.01		.10	.31	.41				.25	.32	.25	.40						.20	.39	
SAVAGE RIVER DAM	4.23		.12	.22	.58		.06	.05	T			.51	.17		T	.34	.27				.42	.34	.14	.20						.28	.53	
<b>DELAWARE</b>																																
<b>NORTHERN 01</b>																																
BEAR 2 SW	4.65	.10	.01	1.03			.31		T			.55		.15	.69	.66					.80	.21	.09	.01						.04		
WILMINGTON NEW CASTLE R	4.03	.21	T	.71			.30		T	T	T	.50		.15	.52	.51					.85	.20	.01	T		T			.07	T		
WILMINGTON PORTER RES	M 4.96	.32		.98			.28		T			.21		.74	.78	.44					.78	.23	.06	-					.14	T		
<b>SOUTHERN 02</b>																																
DOVER	5.31		.02	.24			.50	.09	T			.56			.86	1.46	.18				.36	.64	.36	.02					.02	T		
GREENWOOD 2NE	5.11		.36	.18	.09		T	.84				.75	.22		.64	.47	.48				.07	.47	.21	.31							.02	
LEWES	7.23		.05	.11			.80	.15				.70			1.44	1.37	.61				.10	1.26	.64							T		

# 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	
<b>MARYLAND SOUTHERN EASTERN SHORE 01</b>																																		
ASSATEAGUE M	MID	MAX																																
		MIN																																
PRINCESS ANNE	17	MAX	60	70	76			65	63	55	63	75			55	61	61	58	66				61	71	72	63	74			89	90	84	70	
		MIN	38	49	55			48	39	26	32	36			27	39	40	33	26				48	51	43	40	32			61	52	52	43	
SALISBURY	17	MAX	62	67	74	74	68	67	62	55	64	75	76	53	57	57	54	58	69	75	75	61	72	72	63	74	90	92	92	88	83	67		
		MIN	42	56	56	49	46	52	40	35	39	44	44	36	33	43	41	39	34	45	45	49	53	47	45	40	59	71	64	65	53	49		
SALISBURY FAA AP M	MID	MAX	60	66	74	68	68	65	49	55	63	76	62	53	56	57	49	56	69	74	67	60	72	54	62	74	90	92	89	85	69	66		
		MIN	42	53	56	49	33	49	37	26	31	36	40	31	26	43	39	31	28	38	41	49	49	39	35	32	55	62	60	62	48	49		
SNOW HILL 4 N	17	MAX	60	68	76	74	70	69	62	56	65	73	69	54	57	59	56	57	70	78	74	59	70	63	63	73	94	94	91	88	83	65		
		MIN	40	53	55	49	43	49	39	30	34	43	50	34	29	44	43	39	30	41	46	50	52	47	41	35	51	63	61	63	53	48		
		OBS					57																											
<b>CENTRAL EASTERN SHORE 02</b>																																		
ROYAL OAK 2 SSW	18	MAX	59	61	70	69	67	66	55	56	64	74	72	54	55	53	51	61	69	76	73	61	68	68	63	71	88	91	91	89	84	66		
		MIN	43	53	55	48	48	54	37	39	36	46	48	36	30	44	42	41	37	41	50	49	52	46	43	38	58	68	62	68	52	48		
VIENNA	18	MAX	62	67	72	75	70	69	64	56		75	67	53		57	54		69	77	74	65	72	73	64	73	92	94	95	90	84	70		
		MIN	41	55	58	57	45	52	38	35		36	31	39		29	29		34	43	51	48	50	46	43	38	57	55	63	63	52			
<b>LOWER SOUTHERN 03</b>																																		
MECHANICSVILLE 5 NE	07	MAX	58	63	59	74	70	72	65	49	57	66	78	53	55	55	51	49	60	73	78	74	60	72	56	65	76	91	93	91	86	64		
		OBS								65																								
		MIN	33	45	50	47	41	41	37	36	35	35	45	32	30	31	41	35	33	34	42	49	47	46	45	36	42	53	64	63	62	48		
SOLOMONS	08	MAX	54	55	58	73	67	62	65	48	56	64	77	54	54	50	51	49	60	61	76	72	61	67	55	63	65	81	87	90	85	65		
		MIN	42	48	50	48	49	52	39	39	41	45	53	41	40	42	45	41	42	47	53	51	52	50	48	46	55	65	63	67	63	49		
<b>UPPER SOUTHERN 04</b>																																		
BALTIMORE WASH INTL APM	MID	MAX	57	60	72	64	68	62	48	54	63	74	57	55	57	49	48	63	71	76	70	55	68	57	62	72	90	91	91	87	71	64		
		MIN	43	52	53	45	38	42	36	35	33	43	43	32	29	43	40	37	35	40	46	48	46	41	42	36	51	63	57	67	51	50		
BELTSVILLE	08	MAX																																
		MIN																																
DALECARLIA RSVR	08	MAX	62	60	60	72	65	71	65	49	56	65	75	61	45	56	50	49	65	72	79	77	58	70	59	62	83	93	94	95	90	59		
		OBS																																
		MIN	34	47	52	46	40	47	38	37	35	34	43	36	34	33	45	38	38	40	49	48	48	43	43	44	44	52	57	60	59	50		
LAUREL 3 W M	MID	MAX	57	60	71	64	69	62	50	55	63	73	64	54	54	48	46	64	72	78	73	55	68	56	62	77	90	92	92	86	77	62		
		MIN	42	51	51	44	45	49	36	36	44	42	43	35	34	42	39	39	43	53	51	48	46	43	44	46	53	68	65	64	51	49		
MD SCI CTR BALTIMORE M	MID	MAX	55	62	73	65	67	63	48	57	64	70	59	54	53	50	48	62	72	79	70	54	67	58	62	72	86	93	93	89	71	65		
		MIN	44	52	54	47	45	44	38	38	43	49	45	39	39	44	42	44	44	55	51	49	49	48	46	45	57	65	64	67	53	53		
NATL ARBORETUM DC	07	MAX	74	68	67	78	68	72	68	51	58	67	77	61	59	59	53	65	69	78	90	76	62	73	62	66	78	94	94	94	91	68		
		OBS						***	***																							***	81	

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	MIN	45	49	57	49	44	50	40	41	38	45	49	41	38	46	49	46	43	46	53	52	52	48	50	43	52	62	66	66	64	53	49.2		
		OBS						***	***																										
UPPER MARLBORO 3 NNW	08	MAX	64	62	60	74	67	73	65	50	55	66	76	58	58	57	50	50	66	74	80	76	61	72	62	65	79	93	94	92	87	66	68.4		
		MIN	36	46	53	47	43	45	38	37	38	41	48	37	34	35	45	40	37	42	51	49	48	44	47	39	47	62	63	64	63	49	45.6		
NORTHERN EASTERN SHORE 05 CHESTERTOWN	23	MAX	59	62	60	74	66	70	65	50	55	65	75	54	55	57	50	49	63	73	78	74	58	70	57	63	77	90	93	92	87	61	66.7		
		MIN	39	46	52	46	39	43	37	37	32	38	44	35	30	33	45	38	34	39	49	48	48	42	45	35	46	59	64	68	61	48	44.0		
NORTHERN CENTRAL 06 ABERDEEN PHILLIPS FLD	07	MAX	58	60	71	64	65	62	50	54	62	71	60	53	52	48	47	61	69	75	67	54	68	64	60	73	87	92	89	84	73	66	65.3		
		OBS											52																						
CATOCTIN MTN PARK	19	MIN	42	49	53	46	44	50	38	37	39	45	45	37	28	41	39	37	37	41	48	47	46	44	48	38	53	64	60	64	50	48	45.3		
		OBS																																	
CONOWINGO DAM	07	MAX	57	54	63	72	63	64	61	49	54	63	67	54	53	55	50	49	63	72	76	69	52	67	54	61	72	91	91	92	86	62	64.5		
		MIN	33	45	52	45	41	51	36	37	32	34	45	31	29	31	45	39	34	34	43	47	47	44	44	35	36	53	58	58	59	51	42.3		
CYLBURN	20	OBS					***	***																											
		MAX	62	60	64	59	67	67	52	51	57	64	63	56	53	52	46	63	70	76	76	62	63	58	57	77	91	91	91	88	89	56	66.0		
DAMASCUS 3 SSW	07	MIN	39	36	51	35	38	46	35	28	36	45	41	29	33	39	37	33	40	49	57	39	38	37	37	42	57	67	67	63	48	45	42.9		
		OBS	28																																
EMMITSBURG 2 SE	07	MAX	59	53	67	72	65	72	70	50	57	71	68	55	57	57	58	50	65	72	80	70	58	70	60	64	78	85	93	90	91	58	67.2		
		MIN	35	40		43	37																												
FREDERICK 2 NNE	07	MAX	56	54	61	69	63	66	61	45	55	62	69	54	53	54	48	53	62	69	77	70	52	66	55	60	71	88	91	92	89	53	M		
		MIN	33	43	50	44	43	50	35	34	35	36	45	35	31	35	42	35	36	50	49	45	45	40	43	37	47	62	62	63	52	48	63.9		
MILLERS 4 NE	18	MAX	60	53	62	60		67	60	46																									
		MIN	31	41	48	42		39	34	33																									
SMITHSBURG 2NW	08	MAX	60	50	64	69	62	66	58	46	55	62	66	59	55	53	49	46	64	71	77	77	51	66	57	61	77	90	92	90	87	58	64.6		
		MIN	29	42	49	42	41	43	35	32	32	34	42	31	27	27	43	30	31	38	46	43	44	39	38	33	44	55	59	60	52	50	40.4		
APPALACHIAN MOUNTAIN 07 CUMBERLAND 2	07	OBS																																	
		MAX	65	52	63	64	63	71	60	45	56	64	67	60	55	56	49	46	68	77	81	75	56	69	55	66	76	94	90	94	89	58	66.1		
EMMITSBURG 2 SE	07	OBS																																	
		MIN	32	44	50	45	45	49	37	35	32	33	43	35	30	31	43	33	33	37	47	45	44	38	40	36	39	52	63	59	53	50	41.8		
SMITHSBURG 2NW	08	MAX	54	63	66	61	63	62	54	51	58	64	62	53	52	50	45	61	68	72	71	60	66	54	57	73	87	88	88	87	82	60	64.4		
		MIN	39	47	52	41	37	48	32	30	34	40	42	31	26	39	38	34	38	46	48	41	42	38	40	35	51	63	62	63	49	47	42.4		
APPALACHIAN MOUNTAIN 07 CUMBERLAND 2	07	MAX	61	50	64	65	58	65	59	41	52	60	65	58	52	52	47	44	63	70	72	76	51	63	52	57	76	88	90	89	85	56	62.7		
		MIN	32	43	46	40	35	43	33	31	26	39	44	32	24	26	42	28	29	31	48	35	42	33	36	33	33	48	54	63	51	48	38.3		
APPALACHIAN MOUNTAIN 07 CUMBERLAND 2	07	OBS																																	
		MAX	67	64	66	63	63	73	71	47	55	65	65	63	62	59	54	49	69	77	82	79	64	58	56	66	88	93	93	96	93	60	68.7		
APPALACHIAN MOUNTAIN 07 CUMBERLAND 2	07	OBS																																	
		MIN	67	64	66	63	63	73	71	47	55	65	65	63	62	59	54	49	69	77	82	79	64	58	56	66	88	93	93	96	93	85	68.7		



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	31	44	44	41	38	39	33	34	30	43	45	32	30	32	44	35	37	39	50	44	44	39	41	38	53	56	57	61	54	50		41.9	
		OBS	47		56				53						2	44																			
		MAX	61	47	56	58	54	67	50	35	49	56	59	52	49	47	41	43	61	68	73	68	46	53	48	56	81	86	87	88	82	51		59.1	
SHARPSBURG 5 S	07	MIN	28	33	32	32	32	34	25	25	29	29	41	27	27	27	37	32	33	36	42	39	35	34	35	36	41	56	57	57	51	44		36.2	
		MAX	61	55	62	69	63	70	61	43	55	63	67	59	55	53	50	47	66	74	80	76	54	66	56	62	80	93	92	92	88	57		65.6	
		MIN	27	43	48	44	33	33	35	28	28	32	42	28	27	27	44	31	31	32	36	45	45	34	35	34	37	50	56	56	53	49		38.1	
WILLIAMSPORT	06	MAX	60	52	66	69	63	68	61	44	55	64	66	61	56	56	49	47	67	76	81	74	49	64	56	62	79	93	93	92	89	57		65.6	
		OBS							***										***																
		MIN	29	44	48	45	44	40	36	29	31	30	42	36	30	29	43	35	31	34	38	45	43	35	35	35	35	48	52	55	55	50		39.4	
ALLEGHENY PLATEAU 08 OAKLAND 1 SE	07	MAX	63	56	60	53	52	69	51	30	44	54	62	52	49	49	42	43	61	66	70	61	48	50	43	56	81	84	84	86	80	55		58.5	
		MIN	24	29	31	32	29	32	25	25	25	29	41	24	26	32	39	30	28	29	32	40	35	35	33	32	38	46	47	54	55	46		34.1	
		MAX	61	50	54	57	54	67	53	35	48	54	60	52	49	50	50	46	63	67	71	69	47	54	47	57	81	84	84	89	80	55		59.6	
SAVAGE RIVER DAM	08	MIN	28	35	34	37	33	33	30	30	29	30	39	28	29	29	29	33	33	34	36	42	37	37	39	34	37	50	53	54	55	47		36.5	
		MAX	61	50	54	57	54	67	53	35	48	54	60	52	49	50	50	46	63	67	71	69	47	54	47	57	81	84	84	89	80	55		59.6	
		MIN	28	35	34	37	33	33	30	30	29	30	39	28	29	29	29	33	33	34	36	42	37	37	39	34	37	50	53	54	55	47		36.5	
DELAWARE NORTHERN 01 BEAR 2 SW M	MID	MAX	51	63	71	62	66	62	49	54	62	66	55	52	56	48	48	64	69	76	67	52	68	55	60	74	87	92	89	84	70	66		64.6	
		MIN	41	50	54	47	43	48	37	36	28	36	43	35	27	42	40	34	30	36	43	47	47	43	39	34	47	58	55	61	51	50		42.7	
		MAX	52	63	72	62	67	60	49	54	63	67	53	56	49	48	64	69	77	67	52	68	53	60	72	88	91	89	86	68	64		64.5		
WILMINGTON NEW CASTLE M	MID	MIN	40	49	54	47	42	46	36	36	33	42	40	31	30	42	37	36	35	48	49	47	48	45	42	38	51	64	62	64	51	49		44.5	
		MAX	57	63	69	69	65	59	46	52	61	67	52	50	55	48	46	60	67	75	66	50	67	55	57	72	87	88	88	85	58	65		63.3	
		MIN	33	47	49	47	43	46	36	34	37	44	35	35	34	41	39	40	39	52	48	46	47	45	40	44	45	64	59	55	43	48		43.8	
WILMINGTON PORTER RES M	MID	OBS		33																															
		MAX	53	58	74	64	65	62	63	52	64	72	69	52	55	49	46	60	68	71	75	51	66	67	59	74	86	92	89	90	84	65		66.5	
		OBS										52									62														
DOVER	16	MIN	42	49	51	42	44	53	37	33	33	45	42	34	28	42	43	38	34	44	49	48	48	45	45	36	55	68	66	65	51	49		45.3	
		MAX	59	60	59	74	64	67	64	48	54	62	76	52	52	54	51	48	58	69	75	62	58	71	52	61	75	89	91	90	85	64		64.8	
		MIN	33	45	50	47	45	50	37	31	32	34	42	33	28	28	43	38	32	32	41	47	48	44	42	35	45	59	61	62	63	48		42.5	
GREENWOOD 2NE	07	MAX	54	54	74	74	68	68	57	55	62	73	69	52	54	54	49	54	66	77	76	56	62	62	62	72	88	89	92	91	85	62		67.0	
		MIN	42	49	48	49	46	49	39	33	38	38	48	38	40	42	41	41	34	49	50	48	52	46	45	40	57	74	68	67	48	48		46.9	
		MAX	54	54	74	74	68	68	57	55	62	73	69	52	54	54	49	54	66	77	76	56	62	62	62	72	88	89	92	91	85	62		67.0	
LEWES	17	MIN	42	49	48	49	46	49	39	33	38	38	48	38	40	42	41	41	34	49	50	48	52	46	45	40	57	74	68	67	48	48		46.9	
		MAX	54	54	74	74	68	68	57	55	62	73	69	52	54	54	49	54	66	77	76	56	62	62	62	72	88	89	92	91	85	62		67.0	
		MIN	42	49	48	49	46	49	39	33	38	38	48	38	40	42	41	41	34	49	50	48	52	46	45	40	57	74	68	67	48	48		46.9	

## 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	
<b>MARYLAND</b> <b>UPPER SOUTHERN 04</b> UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	EVAP	-	3	3	12	*	55	18	16	15	16	*	*	39	10	0	-	18	*	*	57	1	*	*	52	*	50	28	40	*	39		5.06	
	MAX	73	59	61	75	71	77	68	58	60	73	76	56	69	67	52	49	77	80	84	69	57	79	62	73	82	92	96	91	88	65		71.3	
	MIN	38	45	53	43	42	42	38	37	38	38	45	38	38	39	46	39	39	45	49	49	49	51	44	44	45	57	63	60	60	52		45.5	

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	
<b>MARYLAND</b>																																
<b>UPPER SOUTHERN 04</b>																																
BALTIMORE WASH INTL AP R																																
SNOWFALL																																
SN ON GND																																
WTR EQUIV																																
<b>NORTHERN CENTRAL 06</b>																																
DAMASCUS 3 SSW																																
SNOWFALL																																
SN ON GND																																
MILLERS 4 NE																																
SNOWFALL																																
SN ON GND																																
<b>APPALACHIAN</b>																																
<b>MOUNTAIN 07</b>																																
FROSTBURG 2																																
SNOWFALL																																
SN ON GND																																
<b>ALLEGHENY PLATEAU 08</b>																																
OAKLAND 1 SE																																
SNOWFALL																																
SN ON GND																																
WTR EQUIV																																
SAVAGE RIVER DAM																																
SNOWFALL																																
SN ON GND																																
<b>DELAWARE</b>																																
<b>NORTHERN 01</b>																																
WILMINGTON NEW CASTLE R																																
SNOWFALL																																
SN ON GND																																
WTR EQUIV																																

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)		
<b>MARYLAND</b>												
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	19	19			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	07	07			H	TIMOTHY B THOMAS
CYLBURN	2308	06	BALTIMORE	39 22	76 38W	400	20	20			H	CYLBURN ARBORETUM
DALECARLIA RSVR	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	07	07			H	ROBERT J LEFFLER
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
<b>DELAWARE</b>												
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 RES	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."

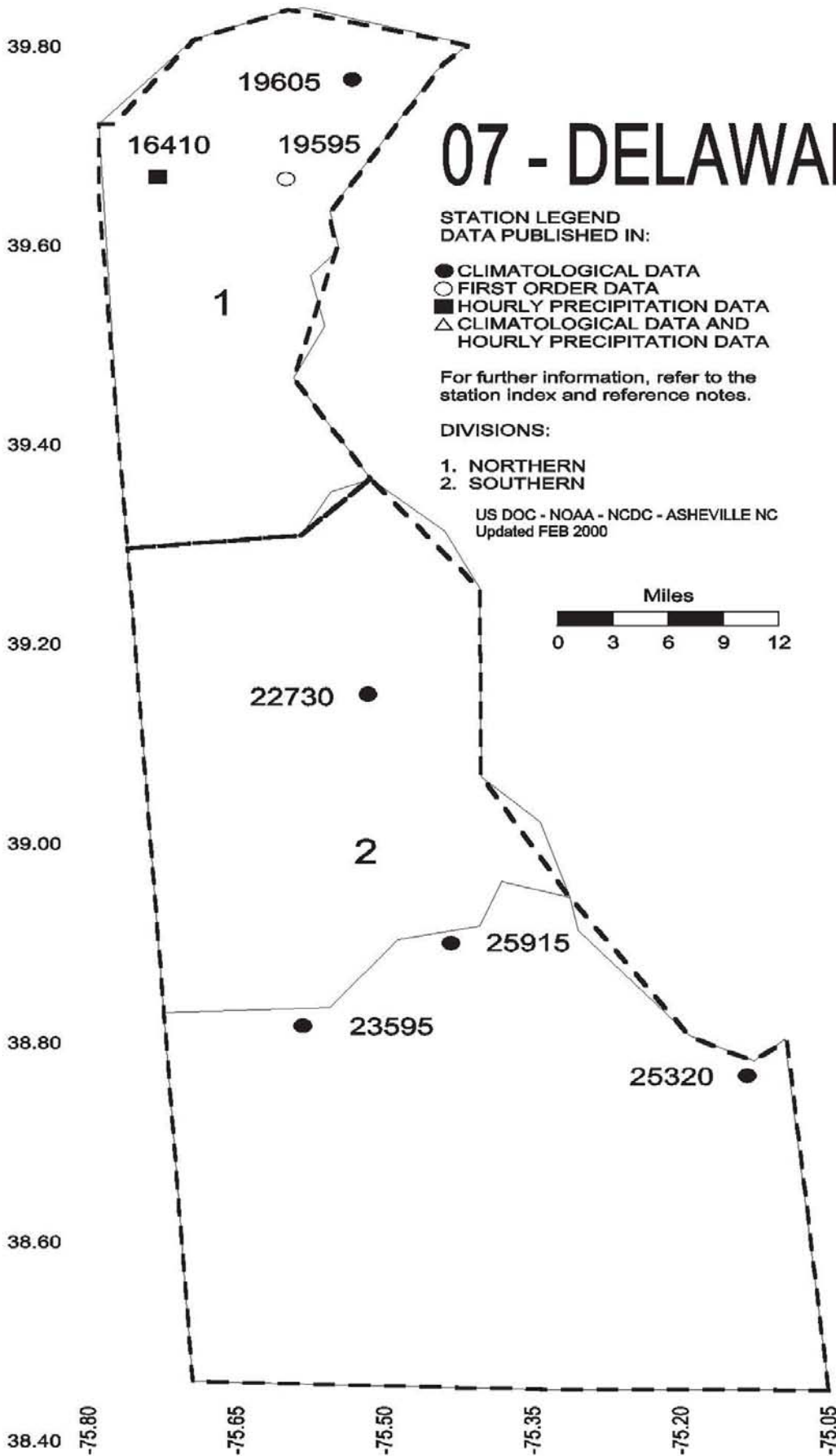
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this 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:

NCDC Subscription Services Center  
310 State Route 956  
Building 300  
Rocket Center, WV 26726

Toll free number: (866) 742-3322  
Fax number: (304) 726-4409

# 07 - DELAWARE



STATION LEGEND  
DATA PUBLISHED IN:

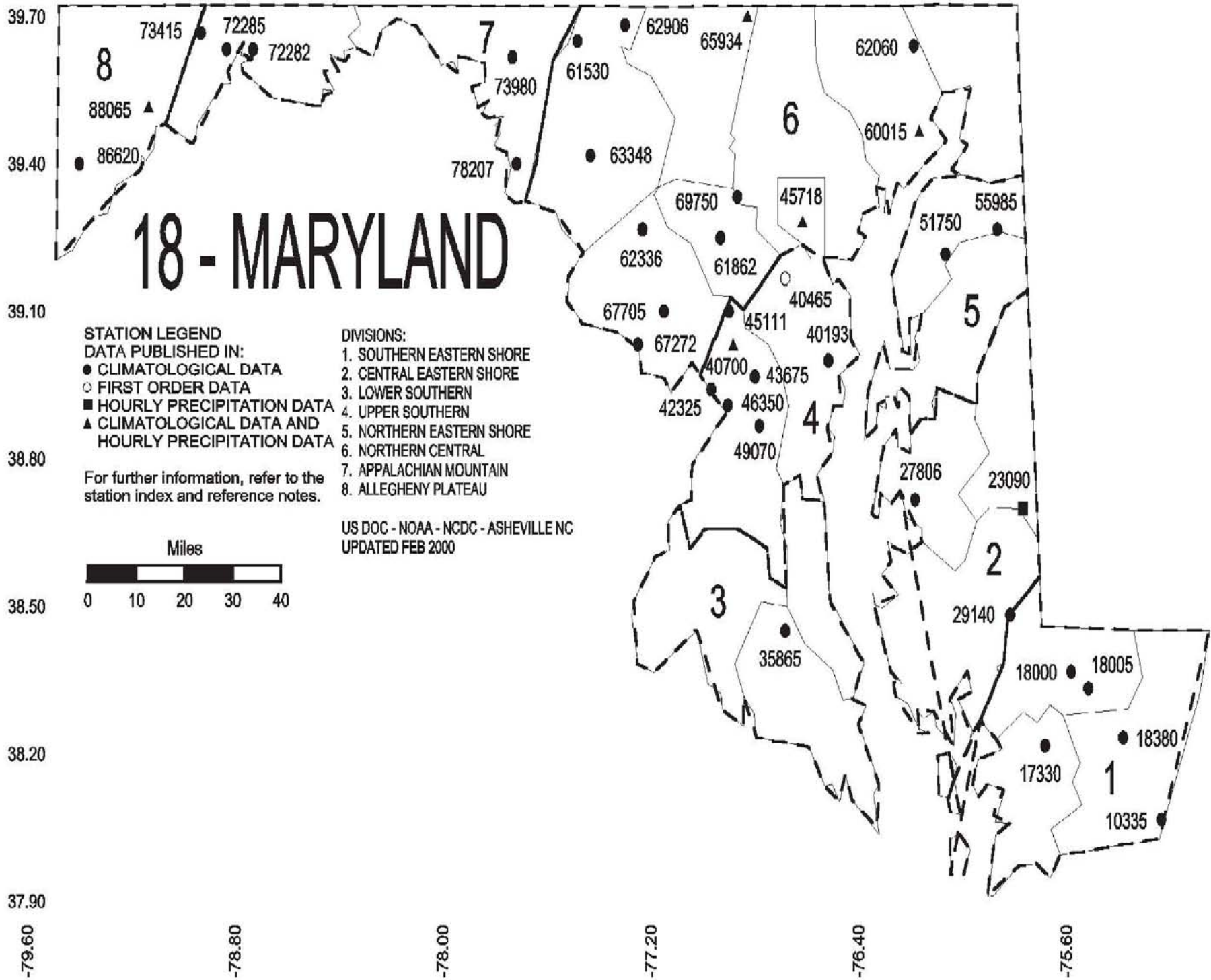
- CLIMATOLOGICAL DATA
- FIRST ORDER DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

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



Subscription Service Center  
310 State Route 956  
Building 300  
Rocket Center, WV 26726

PRSRT STD  
POSTAGE & FEES PAID  
United States Department of Commerce  
NOAA Permit No. G-19

**OFFICIAL BUSINESS**  
**PENALTY FOR PRIVATE USE \$300**  
**ADDRESS CORRECTION REQUESTED**

To change your address, please return a copy of the mailing label along with your new address to:

NCDC Subscription Services Center  
310 State Route 956  
Building 300  
Rocket Center, WV 26726

Toll free number : (866) 742-3322  
TDD : (828) 271-4010  
Fax number : (304) 726-4409

NCDC now offers an annual online subscription for the *Climatological Data* publication. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to October 1997 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost is \$36 for online delivery (including back issues) compared to \$50 for offline delivery.** To order this and other subscriptions online with your credit card, go to: [www.ncdc.noaa.gov/mpp.html](http://www.ncdc.noaa.gov/mpp.html) and choose subscription.