



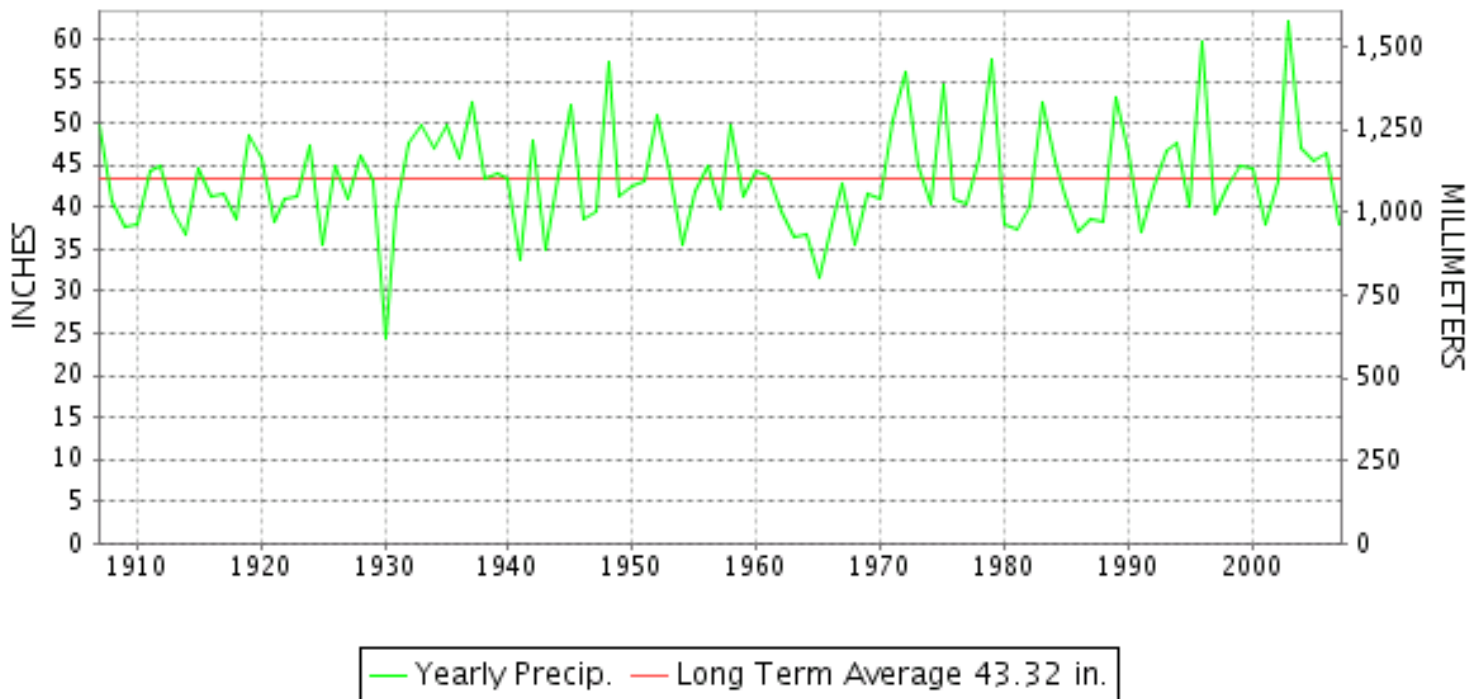
# CLIMATOLOGICAL DATA ANNUAL SUMMARY MARYLAND AND DELAWARE

2007

VOLUME 131 NUMBER 13

ISSN 0145-0549

## YEARLY TOTAL PRECIPITATION



MARYLAND AND DELAWARE PRECIPITATION 1907-2007

"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

# TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE  
2007

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
<b>MARYLAND</b>												
<b>SOUTHERN EASTERN</b>												
<b>SHORE 01</b>												
ASSATEAGUE	2.21	-2.13	2.38	-1.21	M 1.97		3.35	.10	1.20	-2.40	2.29	-.56
PRINCESS ANNE	4.84	1.01	2.40	-.54	2.54	-1.70	4.57	1.34	M		2.70	-.43
SALISBURY	4.13	.11	2.39	-1.06	3.51	-1.04	5.14	1.80	.89	-2.78	2.44	-1.18
SALISBURY FAA AP	4.04	-.05	2.58	-.98	3.50	-1.12	4.39	.98	.92	-2.95	2.48	-1.09
SNOW HILL 4 N	3.15	-.87	2.83	-.58	2.69	-1.98	4.58	1.34	.87	-2.77	2.64	-.79
--DIVISIONAL DATA----->	3.67	-.33	2.52	-.90	3.06	-1.42	4.41	1.15	.97	-2.65	2.51	-.87
<b>CENTRAL EASTERN</b>												
<b>SHORE 02</b>												
ROYAL OAK 2 SSW	4.60	.49	2.52	-.83	4.33	-.11	5.35	1.85	1.14	-2.99	2.66	-.81
VIENNA	5.15	1.41	2.36	-.97	M 4.01		5.90	2.57	1.28	-2.24	4.26	.54
--DIVISIONAL DATA----->	4.88	.90	2.44	-.87	4.33	.04	5.63	2.24	1.21	-2.70	3.46	-.09
<b>LOWER SOUTHERN 03</b>												
MECHANICSVILLE 5 NE	3.89	-.10	3.43	.06	3.14	-1.49	3.59	.10	1.23	-2.99	1.46	-2.81
SOLOMONS	M 4.52		M 2.59		M 3.55		M 3.57		M 1.87		M 2.48	
--DIVISIONAL DATA----->	3.89	.17	3.43	.41	3.14	-1.17	3.59	.39	1.23	-2.91	1.46	-2.32
<b>UPPER SOUTHERN 04</b>												
BALTIMORE WASH INTL AP R	2.48	-.99	2.04	-.98	4.17	.24	5.00	2.00	.94	-2.95	2.20	-1.23
BELTSVILLE	2.37	-1.06	2.31	-.38	M 3.14		4.44	1.11	.95	-3.59	2.21	-1.38
DALECARLIA RSVR	2.37	-1.11	2.55	-.46	3.27	-.86	5.28	1.74	.74	-3.68	3.71	.02
GLENN DALE BELL STN	2.73	-.72	3.47	.64	M 3.06		4.87	1.46	2.16	-2.53	M	
LAUREL 3 W	3.42	-.10	M 1.03		3.99	-.18	4.55	.94	.98	-3.77	2.32	-1.60
MD SCI CTR BALTIMORE R	2.18		1.92		4.25		M 2.85		1.49		2.45	
NATL ARBORETUM DC	2.58	-.99	2.50	-.34	3.69	-.23	4.83	1.57	1.55	-2.74	1.98	-1.65
OXON HILL	2.99		2.57		3.75		4.23		1.09		2.89	
UPPER MARLBORO 3 NNW	3.18	-.31	2.49	-.27	3.47	-.43	4.67	1.39	1.07	-3.24	2.35	-1.48
--DIVISIONAL DATA----->	2.61	-.94	2.48	-.44	3.77	-.25	4.76	1.42	1.25	-3.19	2.54	-1.12
<b>NORTHERN EASTERN</b>												
<b>SHORE 05</b>												
CHESTERTOWN	M 3.93		2.08	-.95	3.83	-.33	M 5.80		1.35	-2.74	3.06	-1.20
--DIVISIONAL DATA----->	3.93	.28	2.08	-.94	3.83	-.29	7.09	3.70	1.35	-2.80	3.06	-.88
<b>NORTHERN CENTRAL 06</b>												
ABERDEEN PHILLIPS FLD	2.42	-.99	2.13	-.47	4.48	.83	6.51	3.15	1.22	-3.19	2.10	-1.93
BRIGHTON DAM												
CATOCTIN MTN PARK	M 2.18		3.00	-.33	5.34	1.02	3.51	-.45	1.30	-3.84	M	
CONOWINGO DAM	2.95	-1.03	M 1.46		5.01	.85	5.31	1.66	1.02	-3.56	4.50	.35
CYLBURN	2.43		2.32		M 4.36		4.54		.87		3.03	
DAMASCUS 3 SSW	3.09		2.65		4.25		4.38		1.43		4.75	
EMMITSBURG 2 SE												
FREDERICK 2 NNE	M .88		M 2.36		M		4.10		1.34		2.14	
MILLERS 4 NE	2.74	-.90	3.42	.52	4.80	1.03	5.04	1.59	1.81	-2.47	1.73	-1.89
POTOMAC FLTR PLT	2.38	-.59	3.23	.65	M 1.44		3.83	.61	.70	-3.07	3.28	-.37
ROCKVILLE 1 NE	1.92	-1.42	2.40	-.45	2.96	-.93	3.68	.49	.57	-3.81	2.87	-.87

# TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE  
2007

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
<b>MARYLAND</b>														
<b>SOUTHERN EASTERN</b>														
<b>SHORE 01</b>														
ASSATEAGUE	M .75		5.21	1.03	1.09	-2.61	4.02	.72	.80	-2.36	M 5.30		M 30.57	
PRINCESS ANNE	2.14	-2.13	M 4.21		M .83		5.42	2.11	M		5.29	2.15		
SALISBURY	3.44	-1.10	2.98	-1.74	1.16	-2.83	5.67	2.24	1.13	-2.04	3.94	.47	36.82	-9.15
SALISBURY FAA AP	4.49	-.05	1.86	-3.13	1.45	-2.28	2.88	-.76	.89	-2.41	4.03	.31	33.51	-13.53
SNOW HILL 4 N	1.50	-2.98	3.42	-1.98	1.56	-2.19	4.96	1.54	.95	-2.36	M 4.50		M 33.65	
--DIVISIONAL DATA----->	2.89	-1.42	3.37	-1.37	1.32	-2.44	4.59	1.22	.94	-2.24	4.42	1.02	34.67	-10.25
<b>CENTRAL EASTERN</b>														
<b>SHORE 02</b>														
ROYAL OAK 2 SSW	1.68	-2.54	4.98	.88	2.92	-1.07	4.38	.92	1.50	-1.93	3.75	.08	39.81	-6.06
VIENNA	2.96	-.90	3.48	-.89	1.76	-1.76	3.72	.58	1.36	-1.76	4.37	1.09	M 40.61	
--DIVISIONAL DATA----->	2.32	-1.87	4.23	-.03	2.34	-1.48	4.05	.81	1.43	-1.86	4.06	.57	40.38	-4.34
<b>LOWER SOUTHERN 03</b>														
MECHANICSVILLE 5 NE	1.97	-2.51	1.96	-1.98	1.35	-3.03	4.79	.87	1.64	-1.79	2.87	-.53	31.32	-16.20
SOLOMONS	M 1.21		3.19		M 1.36		4.55		M 1.40		M 3.70		M	
--DIVISIONAL DATA----->	1.97	-2.25	2.58	-1.55	1.35	-2.82	4.67	1.19	1.64	-1.63	2.87	-.44	31.82	-12.93
<b>UPPER SOUTHERN 04</b>														
BALTIMORE WASH INTL AP R	3.31	-.54	3.08	-.66	.35	-3.63	5.85	2.69	1.52	-1.60	4.03	.68	34.97	-6.97
BELTSVILLE	.92	-3.17	2.45	-1.24	1.32	-3.03	5.88	2.32	1.43	-1.89	3.10	-.20	M 30.52	
DALECARLIA RSVR	2.66	-1.60	3.48	-.50	.47	-3.83	5.16	1.68	1.99	-1.42	3.69	.28	35.37	-9.74
GLENN DALE BELL STN	M		M		M									
LAUREL 3 W	1.98	-2.04	3.01	-.60	.62	-3.91	6.01	2.39	1.74	-2.24	3.80	.14	M 33.45	
MD SCI CTR BALTIMORE R	2.02		2.54		.87		6.13		1.17		4.05		M 31.92	
NATL ARBORETUM DC	4.37	.16	3.74	-.16	.73	-3.35	7.10	3.67	1.58	-1.74	3.51	.26	38.16	-5.54
OXON HILL	1.64		4.11		.84		7.55		1.68		3.66		37.00	
UPPER MARLBORO 3 NNW	2.09	-2.02	5.22	1.32	.94	-3.06	5.74	2.08	1.51	-1.74	3.40	.20	36.13	-7.56
--DIVISIONAL DATA----->	2.37	-1.77	3.45	-.50	.77	-3.41	6.18	2.70	1.58	-1.80	3.66	.27	35.42	-9.03
<b>NORTHERN EASTERN</b>														
<b>SHORE 05</b>														
CHESTERTOWN	1.18	-2.76	2.82	-.94	.58	-3.72	5.77	2.40	1.19	-2.15	3.66	-.03	M 35.25	
--DIVISIONAL DATA----->	1.18	-2.87	2.82	-1.04	.58	-3.70	5.77	2.40	1.19	-2.08	3.66	.03	36.54	-8.19
<b>NORTHERN CENTRAL 06</b>														
ABERDEEN PHILLIPS FLD	3.72	-.49	5.32	1.25	.91	-3.57	7.06	3.67	1.94	-1.26	4.74	1.33	42.55	-1.67
BRIGHTON DAM	M 1.09		2.42	-.94	.93	-2.96								
CATOCTIN MTN PARK	1.60	-2.22	5.11	1.19	1.78	-3.13	3.84	-.05	3.05	-.82	M 4.26			
CONOWINGO DAM	5.84	1.64	3.72	-.69	.64	-4.28	5.77	2.30	2.82	-.94	M 5.94		M 44.98	
CYLBURN	1.73		4.33		.65		7.00		1.48		5.11		M 37.85	
DAMASCUS 3 SSW	M		M											
EMMITSBURG 2 SE							3.15	-.33	2.45	-1.35	M 5.19			
FREDERICK 2 NNE	5.42		4.30		.98		3.36		2.33		4.59			
MILLERS 4 NE	1.71	-1.86	4.90	1.19	.71	-3.43	3.84	.40	2.72	-.89	5.01	1.47	38.43	-5.24
POTOMAC FLTR PLT	1.81	-1.76	3.46	.02	1.44	-2.60	2.72	-.49	2.35	-1.04	3.35	.20	M 29.99	
ROCKVILLE 1 NE	1.56	-2.35	M		M									

# TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE  
2007

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
SMITHSBURG 2NW	2.30		M 1.54		M 3.90		3.36		M		3.10	
--DIVISIONAL DATA----->	2.55	-1.05	2.65	-.27	4.47	.44	4.49	.96	1.20	-3.42	3.03	-1.02
APPALACHIAN												
MOUNTAIN 07												
CUMBERLAND 2	1.54	-1.35	2.07	-.36	3.57	.27	3.48	.32	1.04	-2.93	5.23	2.11
CUMBERLAND POLICE BRK	M		M									
FROSTBURG 2	2.25	-1.32	2.77	-.33	4.20	.36	4.09	.12	M 1.43		4.41	.57
HAGERSTOWN POLICE BRK	M		M									
SHARPSBURG 5 S	1.80		2.52		4.26		3.05		M 1.89		1.94	
WILLIAMSPORT	M 1.28		M .69		M		3.77		M		3.38	
--DIVISIONAL DATA----->	1.86	-1.24	2.45	-.17	4.01	.59	3.60	.21	1.04	-3.17	3.74	.22
ALLEGHENY PLATEAU 08												
OAKLAND 1 SE	M 3.69		M		M 3.87		M 3.30		2.57	-2.27	3.53	-1.07
SAVAGE RIVER DAM	2.00	-.89	M 2.69		4.10	.82	3.94	.56	1.84	-2.40	3.05	-.62
--DIVISIONAL DATA----->	2.00	-1.55			4.10	.23	3.94	.10	2.21	-2.33	3.29	-.92
DELAWARE												
NORTHERN 01												
BEAR 2 SW	3.41		2.25		4.92		8.67		1.47		3.46	
NEWARK UNIV FARM	M		M		M		M		M		M	
WILMINGTON NEW CASTLE R	3.52	.09	1.94	-.87	4.61	.64	8.55	5.16	1.02	-3.13	2.72	-.87
WILMINGTON PORTER RSVR	5.21	1.74	1.86	-1.19	4.17	.36	7.69	3.68	1.75	-2.58	3.92	-.14
--DIVISIONAL DATA----->	4.05	.35	2.02	-.82	4.57	.46	8.30	4.67	1.41	-3.01	3.37	-.53
SOUTHERN 02												
DOVER	3.99	.05	3.25	.21	3.50	-.90	6.60	3.13	1.35	-2.94	4.96	1.19
GREENWOOD 2NE	4.07	.15	2.14	-1.04	2.30	-2.37	6.22	2.77	1.05	-3.26	1.89	-1.67
LEWES	4.17	.16	3.09	-.13	3.28	-1.17	4.63	1.09	.93	-2.98	4.25	1.10
--DIVISIONAL DATA----->	4.08	.09	2.83	-.35	3.03	-1.37	5.82	2.35	1.11	-3.01	3.70	.29

# TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE  
2007

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
SMITHSBURG 2NW	1.78		5.71		.64		4.25		3.02		5.00			
--DIVISIONAL DATA----->	2.92	-1.04	4.77	.93	.90	-3.43	4.78	1.27	2.48	-1.14	4.89	1.39	39.13	-6.38
<b>APPALACHIAN</b>														
<b>MOUNTAIN 07</b>														
CUMBERLAND 2	3.43	.01	5.41	1.88	1.69	-1.49	2.56	-.13	1.73	-1.18	4.74	2.13	36.49	-.72
CUMBERLAND POLICE BRK														
FROSTBURG 2	4.21	.30	6.31	2.49	1.88	-1.74	3.47	.26	2.10	-1.66	5.42	2.26	M 42.54	
HAGERSTOWN POLICE BRK														
SHARPSBURG 5 S	3.39		3.47		M 1.02		4.05		2.14		4.21		M 33.74	
WILLIAMSPORT	M 1.24		M		2.32		4.03		2.14		3.18			
--DIVISIONAL DATA----->	3.68	.04	5.06	1.61	1.96	-1.53	3.53	.45	2.03	-1.24	4.39	1.52	37.35	-2.71
<b>ALLEGHENY PLATEAU 08</b>														
OAKLAND 1 SE	5.27	.04	6.71	2.56	2.85	-.71	3.63	.51	5.45	1.77	M			
SAVAGE RIVER DAM	4.14	-.05	6.24	2.87	1.70	-1.78	3.55	.74	1.65	-1.35	5.14	2.40	M 40.04	
--DIVISIONAL DATA----->	4.71	-1.16	6.48	2.57	2.28	-1.32	3.59	.56	3.55	-.01	5.14	1.56		
<b>DELAWARE</b>														
<b>NORTHERN 01</b>														
BEAR 2 SW	6.33		3.10		.75		5.36		2.11		5.09		46.92	
NEWARK UNIV FARM	M		M		M		M		M		M			
WILMINGTON NEW CASTLE R	3.15	-1.13	3.38	-.13	.49	-3.52	5.92	2.84	1.69	-1.50	4.82	1.42	41.81	-1.00
WILMINGTON PORTER RSVR	M 2.85		5.84	1.79	1.00	-2.95	5.94	2.64	1.78	-2.02	5.28	1.44	M 47.29	
--DIVISIONAL DATA----->	4.74	.24	4.11	.39	.75	-3.57	5.74	2.38	1.86	-1.52	5.06	1.44	45.98	.48
<b>SOUTHERN 02</b>														
DOVER	1.97	-2.19	2.41	-2.32	1.36	-3.20	4.67	1.41	2.21	-.95	5.21	1.71	41.48	-4.80
GREENWOOD 2NE	.65	-4.19	4.14	.07	2.09	-2.02	4.19	1.04	1.21	-1.92	3.97	.37	33.92	-12.07
LEWES	M 1.58		3.17	-2.17	1.12	-2.65	5.57	2.15	1.72	-1.61	5.15	1.48	M 38.66	
--DIVISIONAL DATA----->	1.31	-2.61	3.24	-1.65	1.52	-2.63	4.81	1.43	1.71	-1.58	4.78	1.24	37.94	-7.80

# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

MARYLAND AND DELAWARE  
2007

STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.
<b>MARYLAND</b>																										
<b>SOUTHERN EASTERN</b>																										
<b>SHORE 01</b>																										
ASSATEAGUE	42.5	6.2	34.3	-3.7	45.1	1.2	51.8	-7	M61.3	-2	71.6	1.4	75.1	-5	78.1	2.7	74.0	3.7	68.8	9.2	51.1	1.4	43.8	2.9	M58.1	2.0
PRINCESS ANNE	M		M		M		M		M		M		M		M		M		M		M		M		M	
SALISBURY	43.5	6.3	33.2	-6.1	50.4	3.4	54.7	-1.2	67.0	2.2	75.5	2.6	78.9	1.4	79.4	3.4	72.6	2.6	67.4	8.3	49.5	-5	43.0	1.8	59.6	2.0
SALISBURY FAA AP	39.8	4.1	30.0	-7.9	44.6	-9	51.0	-3.3	61.2	-2.2	70.3	-1.9	74.7	-2.6	74.9	-6	67.3	-1.8	63.1	5.5	44.6	-4.0	39.2	-8	55.1	-1.4
SNOW HILL 4 N	42.9	5.9	32.5	-6.5	49.2	2.7	53.4	-2.1	65.5	.7	74.1	1.2	77.1	.1	77.8	2.5	70.9	1.3	66.3	7.9	48.5	-9	42.5	1.5	58.4	1.2
--DIVISIONAL DATA----->	42.2	6.2	32.5	-5.3	47.3	2.0	52.7	-1.4	63.8	.6	72.9	1.1	76.5	-2	77.6	2.3	71.2	1.9	66.4	8.1	48.4	-4	42.1	1.8	57.8	1.4
<b>CENTRAL EASTERN</b>																										
<b>SHORE 02</b>																										
ROYAL OAK 2 SSW	42.9	6.8	31.8	-6.7	M49.3	2.6	53.7	-2.4	66.5	.8	75.7	1.5	78.8	.2	79.3	2.4	72.3	1.6	66.8	7.0	49.1	-1.0	41.4	.6	M59.0	1.1
VIENNA	42.4	6.3	M31.0	-7.2	M48.5	2.1	M54.7	-9	66.7	1.8	75.1	1.8	77.8	-3	M78.6	2.5	72.3	2.4	66.7	7.9	48.5	-8	41.8	1.3	M58.7	1.4
--DIVISIONAL DATA----->	42.7	7.9	31.4	-5.5	48.9	3.6	54.2	-3	66.6	2.3	75.4	2.5	78.3	.6	79.0	3.1	72.3	3.1	66.8	8.6	48.8	.7	41.6	2.3	58.8	2.4
<b>LOWER SOUTHERN 03</b>																										
MECHANICSVILLE 5 NE	39.7	4.8	28.4	-9.5	45.8	-4	51.6	-3.7	63.3	-6	72.3	.3	74.9	-1.7	76.2	1.4	67.8	-5	62.1	5.4	45.5	-2.4	37.9	-1.6	55.5	-7
SOLOMONS	M41.1		M32.1		M		M		66.5		75.4		79.0		79.6		M72.4		M		M		M42.6		M	
--DIVISIONAL DATA----->	40.4	6.4	30.3	-6.6	45.8	.6	51.6	-2.6	64.9	1.5	73.9	2.2	77.0	.7	77.9	3.2	70.1	2.0	62.1	5.2	45.5	-1.8	40.3	1.5	56.7	1.0
<b>UPPER SOUTHERN 04</b>																										
BALTIMORE WASH INTL AP R	38.7	6.4	29.1	-6.4	45.2	1.5	51.5	-1.7	65.5	2.6	73.8	2.0	76.9	.4	77.5	3.0	70.6	3.2	63.4	8.0	46.2	.7	37.8	1.1	56.4	1.7
BELTSVILLE	38.8	6.2	28.5	-6.9	45.0	1.2	51.1	-2.2	65.3	2.3	73.5	1.4	76.4	-5	77.8	2.5	70.8	2.4	63.3	7.2	46.5	-2	38.0	.7	56.3	1.2
DALECARLIA RSVR	40.3	6.3	29.3	-8.1	45.4	-3	51.3	-4.3	66.3	1.4	74.6	1.4	76.6	-1.0	78.2	2.0	71.0	1.7	64.6	7.3	47.5	.3	39.2	1.0	57.0	.6
GLENN DALE BELL STN	38.3	6.5	28.1	-6.3	M		49.9	-2.1	M		M		M		M		M									
LAUREL 3 W													77.6	-2	78.1	1.6	71.8	2.7	64.6	7.0	46.5	-1.0	38.5	.7	M	
MD SCI CTR BALTIMORE R	43.9		32.9		M48.2		M		M		79.8		82.6		82.3		76.4		68.0		48.8		40.7		M	
NATL ARBORETUM DC	39.9	6.4	29.6	-6.6	M47.8	3.4	52.5	-1.6	67.7	3.6	75.3	2.2	78.7	.8	80.0	3.9	72.9	4.2	65.0	8.4	47.0	.1	39.0	1.0	M58.0	2.2
OXON HILL	41.2		30.5		47.7		53.5		M67.7		76.2		78.7		79.8		72.7		65.5		48.1		40.4		M58.5	
UPPER MARLBORO 3 NNW	39.7	7.2	28.7	-6.7	45.4	1.6	51.9	-1.5	65.9	3.2	74.0	2.7	76.8	.9	77.6	3.5	70.4	3.2	63.6	8.3	46.8	.5	38.0	1.0	56.6	2.0
--DIVISIONAL DATA----->	40.1	6.8	29.6	-6.7	46.4	1.9	51.7	-2.4	66.4	2.8	75.3	3.0	78.0	.9	78.9	3.5	72.1	3.8	64.8	8.4	47.2	.5	39.0	1.4	57.5	2.0
<b>NORTHERN EASTERN</b>																										
<b>SHORE 05</b>																										
CHESTERTOWN	38.8	5.6	28.8	-7.1	44.6	.2	51.6	-2.5	65.3	1.4	73.0	.3	76.8	-6	76.7	.9	71.4	2.6	64.0	6.8	45.9	-1.2	37.8	.2	56.2	.6
--DIVISIONAL DATA----->	38.8	6.1	28.8	-6.5	44.6	.8	51.6	-1.7	65.3	2.3	73.0	1.3	76.8	.2	76.7	1.8	71.4	3.6	64.0	7.5	45.9	-6	37.8	.5	56.2	1.3
<b>NORTHERN CENTRAL 06</b>																										
ABERDEEN PHILLIPS FLD	40.4	6.8	29.9	-6.9	46.3	1.5	52.9	-1.7	66.7	2.8	75.4	3.2	77.2	.2	78.3	2.9	71.8	2.9	65.4	8.1	47.3	-3	39.2	.9	57.6	1.7
CATOCTIN MTN PARK	35.7	6.7	24.0	-8.2	42.7	1.8	48.9	-3.0	64.3	2.7	M		72.4	-7	73.2	1.7	68.6	3.5	61.6	7.1	42.8	-1.0	34.1	.3	M	
CONOWINGO DAM	35.7	4.8	26.9	-6.8	41.9	-5	50.2	-2.2	M66.5	3.9	74.2	2.7	76.3	.1	M77.7	2.9	M72.1	4.4	M64.4	8.8	46.5	1.6	36.2	.4	M55.7	1.7
CYLBURN	37.7		27.5		M43.3		50.9		64.3		72.3		74.5		75.3		68.9		61.7		45.0		36.3		M54.8	
DAMASCUS 3 SSW	36.6		26.4		44.2		50.2		64.4		71.1		M		M											
EMMITSBURG 2 SE																			60.6	5.7	42.2	-2.6	34.4	-1.5	M	
FREDERICK 2 NNE	M		27.0		M		50.0		64.7		73.5		75.7		76.2		69.6		62.3		43.8		36.2		M	
MILLERS 4 NE	35.2	4.8	24.7	-8.7	41.7	.0	48.8	-3.0	62.4	1.1	70.3	.6	72.7	-1.2	73.3	.8	67.8	2.2	61.2	6.2	42.8	-2.0	34.5	-9	53.0	.0

# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

MARYLAND AND DELAWARE  
2007

STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.	TEMPERATURE	DEPARTURE.
ROCKVILLE 1 NE	37.8	6.0	27.9	-6.7	M46.9	3.7	52.1	-1.2	66.8	4.5	73.7	3.0	77.2	1.9	M		M									
SMITHSBURG 2NW	35.3		23.9		40.7		47.8		M		70.9		72.3		73.9		67.4		60.2		42.3		34.5		M	
--DIVISIONAL DATA----->	36.8	5.6	26.5	-7.5	43.5	.8	50.2	-2.1	65.0	2.7	72.7	2.0	74.8	-.5	75.4	1.9	69.5	2.9	62.2	6.9	44.1	-8	35.7	-.1	54.7	1.0
APPALACHIAN MOUNTAIN 07																										
CUMBERLAND 2	35.8	5.5	26.9	-7.0	44.1	1.4	51.9	-1.0	66.9	4.7	73.2	3.0	74.8	.3	77.0	4.1	70.1	4.3	62.1	8.2	43.3	-3	37.0	2.8	55.3	2.2
CUMBERLAND POLICE BRK	M		M																							
FROSTBURG 2	30.8	6.3	18.5	-8.8	38.3	3.0	44.5	-1.4	60.4	4.2	65.7	1.5	66.9	-1.6	69.3	2.1	63.4	3.1	56.5	7.2	38.1	-1.0	31.1	1.6	48.6	1.4
HAGERSTOWN POLICE BRK	M		M																							
SHARPSBURG 5 S	M35.1		25.9		42.5		49.0		63.3		71.1		M74.8		M75.3		68.2		61.5		43.6		35.0		M53.8	
WILLIAMSPORT	37.0		26.2		M		50.3		M		71.9		74.5		M		68.7		61.9		43.4		M35.9		M	
--DIVISIONAL DATA----->	34.7	5.7	24.4	-7.7	41.6	.9	48.9	-1.8	63.5	3.2	70.5	2.0	72.8	.0	73.9	2.7	67.6	3.5	60.5	7.8	42.1	-6	34.8	1.3	52.9	1.4
ALLEGHENY PLATEAU 08																										
OAKLAND 1 SE	30.1	3.3	16.3	-13.0	38.5	.6	43.1	-4.4	58.3	1.6	63.5	-.8	M65.1	-3.3	70.7	3.6	M61.5	.7	53.6	3.6	38.5	-1.5	M33.0	1.7	M47.7	-.7
SAVAGE RIVER DAM	32.4	6.2	20.9	-7.7	38.7	1.6	45.3	-2.1	60.2	2.9	66.8	1.3	67.4	-2.3	70.9	2.6	63.9	2.4	56.6	6.6	39.3	-1.1	33.9	2.9	49.7	1.1
--DIVISIONAL DATA----->	31.3	5.5	18.6	-9.9	38.6	1.6	44.2	-2.8	59.3	2.8	65.2	.8	66.3	-2.3	70.8	3.7	62.7	2.2	55.1	5.9	38.9	-7	33.5	3.1	48.7	.8
DELAWARE NORTHERN 01																										
BEAR 2 SW	37.8		28.0		42.7		49.8		63.4		71.7		74.6		74.9		68.4		61.7		43.8		36.6		54.5	
NEWARK UNIV FARM	M		M		M		M		M		M		M		M		M		M		M		M		M	
WILMINGTON NEW CASTLE R	38.3	6.8	28.1	-6.1	43.6	.9	50.6	-1.8	64.8	2.3	73.1	1.6	76.6	.0	76.4	1.4	70.5	2.8	63.5	7.7	45.4	-.5	37.6	1.2	55.7	1.4
WILMINGTON PORTER RSVR	37.1	7.0	26.2	-6.5	42.7	.9	49.7	-1.8	65.1	3.2	72.3	1.5	75.3	.1	75.2	1.4	70.0	3.2	62.5	6.9	43.9	-1.8	36.3	1.0	54.7	1.3
--DIVISIONAL DATA----->	37.7	6.0	27.4	-6.9	43.0	.3	50.0	-2.4	64.4	1.8	72.4	1.0	75.5	-.7	75.5	1.0	69.6	2.2	62.6	6.8	44.4	-1.4	36.8	.2	54.9	.7
SOUTHERN 02																										
DOVER	41.5	6.2	31.1	-6.6	47.5	2.1	51.9	-2.7	65.9	1.6	74.4	1.5	76.7	-1.1	77.7	1.5	71.4	1.5	65.7	6.9	48.2	-1.0	40.2	.3	57.7	.9
GREENWOOD 2NE	39.8	6.7	29.0	-5.3	M44.0	.7	50.3	-1.9	63.8	2.0	72.5	1.8	76.1	.4	76.5	2.6	69.3	2.4	63.3	7.3	46.2	-.3	38.5	1.2	M55.8	1.5
LEWES	43.7	7.3	32.0	-6.3	47.6	2.0	52.5	-2.1	65.9	1.9	75.0	2.5	77.6	.3	78.8	2.9	72.6	2.4	66.6	7.4	49.9	-.1	41.9	.8	58.7	1.6
--DIVISIONAL DATA----->	41.7	7.1	30.7	-5.7	46.4	2.0	51.6	-1.6	65.2	2.3	74.0	2.3	76.8	.3	77.7	2.9	71.1	2.8	65.2	7.9	48.1	.4	40.2	1.2	57.4	1.8

# TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND DELAWARE  
2007

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF										FIRST FALL MINIMUM OF										NUMBER OF DAYS BETWEEN DATES				
					16° OR BELOW		20° OR BELOW		24° OR BELOW		28° OR BELOW		32° OR BELOW		32° OR BELOW		28° OR BELOW		24° OR BELOW		20° OR BELOW		16° OR BELOW		16° OR BELOW	20° OR BELOW	24° OR BELOW	28° OR BELOW	32° OR BELOW
					DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.					
MARYLAND SOUTHERN EASTERN SHORE 01																													
ASSATEAGUE	101	8/ 8	11	2/17	2/17	11	2/19	20	3/ 9	23	3/20	25	4/ 8	32	11/24	27	11/24	27	12/ 7	23	NONE		NONE				273	249	230
PRINCESS ANNE					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
SALISBURY	98	8/ 9	12	2/ 6	3/ 8	16	3/ 8	16	3/ 9	24	3/19	27	4/11	32	11/ 8	32	11/24	27	12/ 6	22	12/ 7	18	NONE		274	272	250	211	
SALISBURY FAA AP	98	8/ 8	5	2/ 9	3/ 8	8	4/ 9	20	4/11	22	4/14	26	5/14	32	10/29	28	10/29	28	11/ 8	24	11/24	15	11/24	15	261	229	211	198	168
SNOW HILL 4 N	100	8/ 8	8	2/11	3/ 8	12	3/ 8	12	4/10	24	4/11	26	4/21	32	10/29	32	11/ 8	27	11/24	20	11/24	20	12/ 7	14	274	261	228	211	191
CENTRAL EASTERN SHORE 02																													
ROYAL OAK 2 SSW	101	8/ 8	11	2/ 6	3/ 8	14	3/ 8	14	3/ 9	23	3/19	25	4/11	30	11/ 8	31	11/24	25	12/ 6	24	12/ 7	20	NONE		274	272	250	211	
VIENNA	100	8/10	8	3/ 8	3/ 8	8	3/12	20	3/21	21	4/ 9	27	4/14	32	11/ 8	28	11/ 8	28	12/ 6	19	12/ 6	19	12/ 7	16	274	269	260	213	208
LOWER SOUTHERN 03																													
MECHANICSVILLE 5 NE	99	8/ 9	8	2/ 7	3/ 9	14	3/ 9	14	3/19	22	4/11	27	4/12	29	11/ 8	28	11/ 8	28	11/24	23	12/ 6	19	NONE		272	250	211	210	
SOLOMONS	101	8/ 9	11	2/ 8	MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
UPPER SOUTHERN 04																													
BALTIMORE WASH INTL AP R	102	8/ 8	8	2/ 6	3/ 8	14	3/ 8	14	3/19	23	4/ 9	26	4/14	32	11/ 8	28	11/ 8	28	11/24	22	12/ 6	16	12/ 6	16	273	273	250	213	208
BELTSVILLE	101	8/ 9	9	2/ 6	3/ 8	13	3/ 8	13	3/20	24	4/ 9	26	4/14	32	11/ 8	29	11/24	23	11/24	23	12/ 6	17	12/ 7	16	274	273	249	229	208
DALECARLIA RSVR	104	8/ 9	3	2/ 7	3/ 9	14	3/ 9	14	3/19	24	4/11	28	4/11	28	11/ 8	29	11/24	20	11/24	20	11/24	20	NONE		260	250	227	211	
GLENN DALE BELL STN					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
LAUREL 3 W					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
MD SCI CTR BALTIMORE R	106	8/ 8	12	2/ 6	2/ 6	12	2/19	19							11/ 8	32	11/24	27	12/ 6	18	12/ 6	18	NONE						
NATL ARBORETUM DC	101	8/ 9	10	2/ 6	3/ 8	16	3/ 8	16	3/ 9	23	3/20	27	4/11	31	11/ 8	30	11/24	25	12/ 6	19	12/ 6	19	NONE		273	272	249	211	
OXON HILL	102	8/ 9	10	2/ 7	3/ 9	16	3/ 9	16	3/ 9	16	3/20	26	4/ 9	31	11/11	32	11/24	28	12/ 6	22	NONE		NONE			272	249	216	
UPPER MARLBORO 3 NNW	100	8/ 9	9	2/12	3/ 9	11	3/ 9	11	3/20	24	4/11	28	4/14	32	10/29	32	11/ 8	28	11/24	22	12/ 6	19	12/ 7	16	273	272	249	211	198
NORTHERN EASTERN SHORE 05																													
CHESTERTOWN	101	8/ 8	9	2/ 6	3/ 8	13	3/ 8	13	3/ 9	22	3/19	25	4/11	29	11/ 8	30	11/24	25	12/ 6	19	12/ 6	19	12/ 7	14	274	273	272	250	211
NORTHERN CENTRAL 06																													
ABERDEEN PHILLIPS FLD	99	8/ 9	7	2/ 6	3/ 8	9	3/ 8	9	3/19	24	4/ 8	28	4/14	32	10/29	32	11/24	21	11/24	21	12/ 6	20	NONE		273	250	230	198	
CATOCTIN MTN PARK			-2	2/ 5	3/ 9	16	3/18	18	4/ 8	22	4/10	25	4/11	30	11/ 8	27	11/ 8	27	11/24	20	11/24	20	12/ 6	12	272	251	230	212	211
CONOWINGO DAM	100	8/ 9	5	2/ 8	3/ 9	8	3/18	20	3/18	20	4/12	28	4/15	32	11/ 8	30	11/24	26	12/ 5	20	12/ 5	20	12/ 6	15	272	262	262	226	207
CYLBURN	100	8/ 9	6	2/ 6	3/ 8	10	3/ 8	10	3/10	21	4/11	28	4/12	31	10/30	31	11/ 8	28	11/24	23	12/ 6	15	12/ 6	15	273	273	259	211	201
DAMASCUS 3 SSW					3/ 8	10	3/ 8	10	3/19	24	4/ 9	28	4/12	32	MSG		MSG		MSG		MSG		MSG						
EMMITSBURG 2 SE					MSG		MSG		MSG		MSG		MSG		MSG		11/ 8	23	11/ 8	23	11/24	19	12/ 6	10					
FREDERICK 2 NNE	97	8/26			MSG		MSG		MSG		4/11	28	4/14	32	10/29	32	11/ 8	26	11/24	22	12/ 6	15	12/ 6	15				211	198
MILLERS 4 NE	95	8/ 8	0	3/ 8	3/ 9	14	3/19	19	4/ 9	24	4/11	27	4/14	31	10/29	29	11/ 8	24	11/ 8	24	11/24	19	12/ 6	8	272	250	213	211	198
ROCKVILLE 1 NE					3/ 8	16	3/ 8	16	3/ 8	16	3/19	27	4/11	31	MSG		MSG		MSG		MSG		MSG						
SMITHSBURG 2NW			0	3/ 8	3/19	16	3/20	19	MSG		MSG		MSG		10/14	32	10/29	28	11/ 8	23	11/24	18	12/ 6	4	262	249			
APPALACHIAN MOUNTAIN 07																													



# TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND DELAWARE  
2007

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF										FIRST FALL MINIMUM OF										NUMBER OF DAYS BETWEEN DATES				
					16° OR BELOW		20° OR BELOW		24° OR BELOW		28° OR BELOW		32° OR BELOW		32° OR BELOW		28° OR BELOW		24° OR BELOW		20° OR BELOW		16° OR BELOW		16° OR BELOW	20° OR BELOW	24° OR BELOW	28° OR BELOW	32° OR BELOW
					DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.					
CUMBERLAND 2	99	8/25	2	2/5	3/8	10	3/19	20	3/19	20	4/8	27	4/14	32	10/29	29	11/2	27	11/7	24	12/5	13	12/5	13	272	261	233	208	198
CUMBERLAND POLICE BRK					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
FROSTBURG 2	89	8/25	-7	2/7	3/20	16	4/9	19	4/9	19	4/11	26	4/17	29	10/29	28	10/29	28	11/8	22	11/24	16	11/24	16	249	229	213	201	195
HAGERSTOWN POLICE BRK					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
SHARPSBURG 5 S	98	8/9	0	2/7	3/19	15	3/20	19	3/20	19	4/12	28	4/15	32	10/29	30	11/8	23	11/8	23	11/24	19	12/6	7	262	249	233	210	197
WILLIAMSPORT			4	2/8	MSG		MSG		MSG		MSG		MSG		10/30	32	11/8	25	11/24	22	12/6	12	12/6	12					
<b>ALLEGHENY PLATEAU 08</b>																													
OAKLAND 1 SE	91	8/24	-7	2/5	3/20	9	4/9	19	4/16	24	5/1	26	5/14	31	10/13	32	10/28	22	10/28	22	11/24	12	11/24	12	249	229	195	180	152
SAVAGE RIVER DAM	89	8/25	-1	2/7	3/20	15	3/20	15	4/9	24	4/11	27	4/17	32	10/29	28	10/29	28	11/24	19	11/24	19	12/6	9	261	249	229	201	195
<b>DELAWARE</b>																													
<b>NORTHERN 01</b>																													
BEAR 2 SW	96	8/8	6	3/8	3/8	6	3/19	19	3/19	19	4/11	25	4/14	29	10/29	30	11/7	28	11/24	19	11/24	19	12/6	14	273	250	250	210	198
NEWARK UNIV FARM					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
WILMINGTON NEW CASTLE R	97	8/8	9	2/6	3/8	13	3/9	19	3/9	19	4/6	28	4/11	30	11/8	28	11/8	28	11/24	23	12/6	16	12/6	16	273	272	260	216	211
WILMINGTON PORTER RSVR	95	7/10	8	2/6	3/8	14	3/9	18	3/9	18	4/8	28	4/10	32	11/8	32	11/24	24	11/24	24	NONE		NONE				260	230	212
<b>SOUTHERN 02</b>																													
DOVER	97	8/25	9	2/6	2/19	16	3/8	19	3/19	24	3/19	24	4/11	29	11/5	32	12/5	28	12/6	19	12/6	19	NONE			273	262	261	208
GREENWOOD 2NE	100	8/9	5	3/9	3/9	5	3/9	5	3/20	23	4/11	27	4/14	32	11/5	32	11/8	28	11/24	22	12/6	18	12/7	13	273	272	249	211	205
LEWES	100	8/9	11	2/6	2/16	16	3/8	17	3/8	17	3/19	27	4/11	31	11/24	30	12/5	28	12/6	21	12/7	17	NONE			274	273	261	227

MARYLAND AND DELAWARE  
2007

# MONTHLY AND SEASONAL COOLING DEGREE DAYS

## BASE = 65 DEGREES FAHENHEIT

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
<b>MARYLAND SOUTHERN EASTERN SHORE 01</b>														
ASSATEAGUE	0	0	1	6	B 31	209	321	415	276	182	3	0	B1444	1066
PRINCESS ANNE	-	-	-	-	-	-	-	-	-	-	-	-	-	1092
SALISBURY	2	0	17	23	134	325	438	452	244	158	0	0	1793	1246
SALISBURY FAA AP	0	0	6	8	62	180	313	313	113	108	0	0	1103	1155
SNOW HILL 4 N	1	0	15	17	120	286	384	403	199	148	0	0	1573	1194
<b>CENTRAL EASTERN SHORE 02</b>														
ROYAL OAK 2 SSW	0	0	B 11	12	119	331	435	455	239	143	0	0	B1745	1392
VIENNA	0	B 0	B 13	B 22	136	311	407	B 435	238	137	0	0	B1699	1274
<b>LOWER SOUTHERN 03</b>														
MECHANICSVILLE 5 NE	0	0	8	13	77	236	318	354	135	72	0	0	1213	1093
SOLOMONS	B 0	B 0	-	-	112	315	439	457	B 226	-	-	B 0	-	
<b>UPPER SOUTHERN 04</b>														
BALTIMORE WASH INTL AP R	0	0	2	9	114	269	376	394	203	99	0	0	1466	1147
BELTSVILLE	0	0	2	9	103	268	360	402	204	93	0	0	1441	1109
DALECARLIA RSVR	0	0	5	17	126	297	367	420	208	112	0	0	1552	1258
GLENN DALE BELL STN	0	0	-	7	-	-	-	-	-	-	-	-	-	917
LAUREL 3 W	-	-	-	-	-	-	399	410	223	107	0	0	-	1271
MD SCI CTR BALTIMORE R	3	0	B 11	-	-	451	555	545	351	178	0	0	-	
NATL ARBORETUM DC	0	0	B 11	13	146	319	431	470	259	113	0	0	B1762	1243
OXON HILL	0	0	11	16	B 163	344	433	465	252	122	0	0	B1806	
UPPER MARLBORO 3 NNW	0	0	10	16	116	282	371	399	195	93	0	0	1482	1002
<b>NORTHERN EASTERN SHORE 05</b>														
CHESTERTOWN	0	0	3	12	96	251	373	371	219	100	0	0	1425	1183
<b>NORTHERN CENTRAL 06</b>														
ABERDEEN PHILLIPS FLD	0	0	8	16	118	318	385	421	227	128	0	0	1621	1153
CATOCTIN MTN PARK	0	0	1	10	92	-	239	279	157	69	0	0	-	733
CONOWINGO DAM	0	0	0	5	B 104	284	356	B 399	B 227	B 98	0	0	B1473	1068
CYLBURN	0	0	B 4	11	82	234	302	332	158	74	0	0	B1197	
DAMASCUS 3 SSW	0	0	1	15	85	204	-	-	-	-	-	-	-	
EMMITSBURG 2 SE	-	-	-	-	-	-	-	-	-	61	0	0	-	918
FREDERICK 2 NNE	-	0	-	6	102	268	335	358	181	84	0	0	-	
MILLERS 4 NE	0	0	0	8	61	183	247	281	142	69	0	0	991	790
ROCKVILLE 1 NE	0	0	B 5	13	136	271	386	-	-	-	-	-	-	983
SMITHSBURG 2NW	0	0	0	6	-	203	232	292	130	62	0	0	-	
<b>APPALACHIAN MOUNTAIN 07</b>														
CUMBERLAND 2	0	0	1	9	146	258	313	381	194	83	0	0	1385	877
CUMBERLAND POLICE BRK	-	-	-	-	-	-	-	-	-	-	-	-	-	
FROSTBURG 2	0	0	0	0	38	89	84	164	69	22	0	0	466	344
HAGERSTOWN POLICE BRK	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHARPSBURG 5 S	B 0	0	2	3	79	206	B 310	B 342	156	79	0	0	B1177	
WILLIAMSPORT	0	0	-	7	-	221	301	-	158	74	0	B 0	-	
<b>ALLEGHENY PLATEAU 08</b>														
OAKLAND 1 SE	0	0	0	0	19	54	B 58	189	B 49	4	0	B 0	B 373	316
SAVAGE RIVER DAM	0	0	0	0	31	105	103	195	81	24	0	0	539	414
<b>DELAWARE NORTHERN 01</b>														

MARYLAND AND DELAWARE  
2007

## MONTHLY AND SEASONAL COOLING DEGREE DAYS

### BASE = 65 DEGREES FAHENHEIT

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
BEAR 2 SW	0	0	1	4	76	216	306	320	146	78	0	0	1147	
NEWARK UNIV FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	1047
WILMINGTON NEW CASTLE R	0	0	1	8	96	254	368	362	192	96	0	0	1377	1125
WILMINGTON PORTER RSVR	0	0	0	10	97	229	325	334	179	78	0	0	1252	930
<b>SOUTHERN 02</b>														
DOVER	1	0	8	15	108	290	369	401	215	126	0	0	1533	1262
GREENWOOD 2NE	0	0	B 2	8	83	238	351	361	161	95	0	0	B1299	943
LEWES	2	0	12	25	120	309	397	433	238	134	2	0	1672	1240

MARYLAND AND DELAWARE  
2007

## TOTAL PAN EVAPORATION AND WIND MOVEMENT

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
<b>MARYLAND UPPER SOUTHERN 04</b> BELTSVILLE	WIND	-	-	-	B 2341	1462	B 1303	B 1715	1368	B 1274	B 1477	-	-	-
	EVAP	-	-	-	B 4.28	6.42	B 7.20	B 8.10	7.10	B 6.13 B	4.22	-	-	-
	MAX TEMP	-	-	-	M -	M -	M -	M -	M 86.6	M 83.5	M 73.6	M -	-	M -
	MIN TEMP	-	-	-	M -	M -	M -	M -	M 65.0	M 58.4	M 51.8	M -	-	M -
UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	B 5.18	6.34	B 6.74	B 7.19	B 6.06	B 4.71 B	3.91	-	-	-
	MAX TEMP	-	-	-	67.7	87.4	92.4	92.8	93.8	89.0	77.0	-	-	M -
	MIN TEMP	-	-	-	43.5	56.1	65.6	67.1	68.8	60.3	54.5	-	-	M -
<b>ALLEGHENY PLATEAU 08</b> SAVAGE RIVER DAM	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>DELAWARE NORTHERN 01</b> NEWARK UNIV FARM	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-

# STATION INDEX

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
<b>MARYLAND</b>												
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	83	83	0			C H
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	41	41	0			H
BALTIMORE WASH INTL AP R	0465	04	ANNE ARUNDEL	39 10	76 41W	156	74	74	0			C HJ
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 56W	145	70	70	67			C H
BRIGHTON DAM	1125	06	MONTGOMERY	39 11	77 1W	330	7	53	0		SEP	H
CATOCTIN MTN PARK	1530	06	FREDERICK	39 39	77 29W	1610	42	42	0			H
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	103	103	0			H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	73	73	0			H
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	36	36	0			H
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	42	42	0		FEB	H
CYLBURN	2308	06	BALTIMORE	39 22	76 38W	400	5	5	0			H
DALECARLIA RSVR	2325	04	PRINCE GEORG	38 56	77 7W	150	63	63	0			H
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	15	15	0		JUL	H
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 17W	403	53	53	0			H
FREDERICK 2 NNE	3353	06	FREDERICK	39 26	77 24W	280	4	4	0			H
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	37	37	0			H
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	88	88	0			H
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 36	77 44W	560	11	11	0		FEB	H
LAUREL 3 W	5111	04	PRINCE GEORG	39 5	76 54W	400	115	118	0			H
MD SCI CTR BALTIMORE R	5718	04	BALTIMORE (C	39 17	76 37W	20	9	9	0			C H
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 28	76 42W	100	47	47	0			H
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	22	22	0			C H
NATL ARBORETUM DC	6350	04	PRINCE GEORG	38 55	76 58W	50	61	61	0			H
OAKLAND 1 SE	6620	08	GARRETT	39 25	79 24W	2420	111	111	0			H
OXON HILL	6800	04	PRINCE GEORG	38 48	77 0W	120	7	7	0			H
POTOMAC FLTR PLT	7272	06	MONTGOMERY	39 2	77 15W	270	0	47	0			H
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	60	60	0			H
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 9W	440	61	61	0			H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	61	61	0			H
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	102	102	0			H
SALISBURY FAA AP	8005	01	WICOMICO	38 20	75 31W	48	61	61	0			H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	58	61	58			C H
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	10	10	0			H
SMITHSBURG 2NW	8371	06	WASHINGTON	39 40	77 35W	670	6	7	0			H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	93	93	0			H
SOLOMONS	8405	03	CALVERT	38 19	76 27W	12	99	99	0			H
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	51	51	51			H
VIENNA	9140	02	DORCHESTER	38 29	75 49W	10	60	60	0			H
WILLIAMSPORT	9570	07	WASHINGTON	39 36	77 50W	360	9	48	0			H
<b>DELAWARE</b>												
BEAR 2 SW	1200	01	NEW CASTLE	39 36	75 44W	80	5	5	0			H

# STATION INDEX

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
DOVER	2730	02	KENT	39 16	75 31W	30	121	120	0			H
GREENWOOD 2NE	3595	02	SUSSEX	38 49	75 35W	45	24	24	0			H
LEWES	5320	02	SUSSEX	38 47	75 8W	15	65	65	0			H
NEWARK UNIV FARM	6410	01	NEW CASTLE	39 40	75 45W	90	95	95	51			C H
WILMINGTON NEW CASTLE R	9595	01	NEW CASTLE	39 40	75 36W	79	61	61	0			C HJ
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	97	97	0			H

# 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.

**TEMPERATURE EXTREMES AND FREEZE DATA:** Spring minimum dates are obtained from data for January through June; Fall dates are from July through December data. "NONE" indicates temperature threshold not reached. "MSG" indicates available data insufficient to determine date.

**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.

**SOIL TEMPERATURE EXTREMES:** The highest and lowest Max and Min temperature for each month and the year.

**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 DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.
- \* Rain gage not read. Precipitation is included in the amount following asterisks. Time distribution not known.
- // 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 monthly bulletins to determine date of last reading. (Hawaii stations)
- B Estimated total value for wind, evaporation, or cooling degree days.
- 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.
- R Amounts from recording rain gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month(s). (See \* above)
- Z Same as M but the Z has overprinted a negative sign or leading digit (e.g., Z14.6 = M-14.6, Z08.2 = M108.2)

## SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

- # Thermometers located in rooftop shelter.
- C Station is equipped with a 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 "Soil Temperatures" table.
- H Observations appear in "Snowfall and Snow on the Ground" table in monthly "Climatological Data" publication.
- J Station also published as a "Local Climatological Data" bulletin.

**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 "Climatological Data".

Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary".

Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Similar historical information of regular National Weather Service Offices is available from the "Local Climatological Data" annual bulletin.

Additional information regarding the climate of this state may be obtained by writing to the address below or to any weather service office near you. 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

# 07 - DELAWARE

STATION LEGEND  
DATA PUBLISHED IN:

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

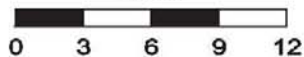
For further information, refer to the  
station index and reference notes.

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 ●



# 18 - MARYLAND

## STATION LEGEND

### DATA PUBLISHED IN:

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

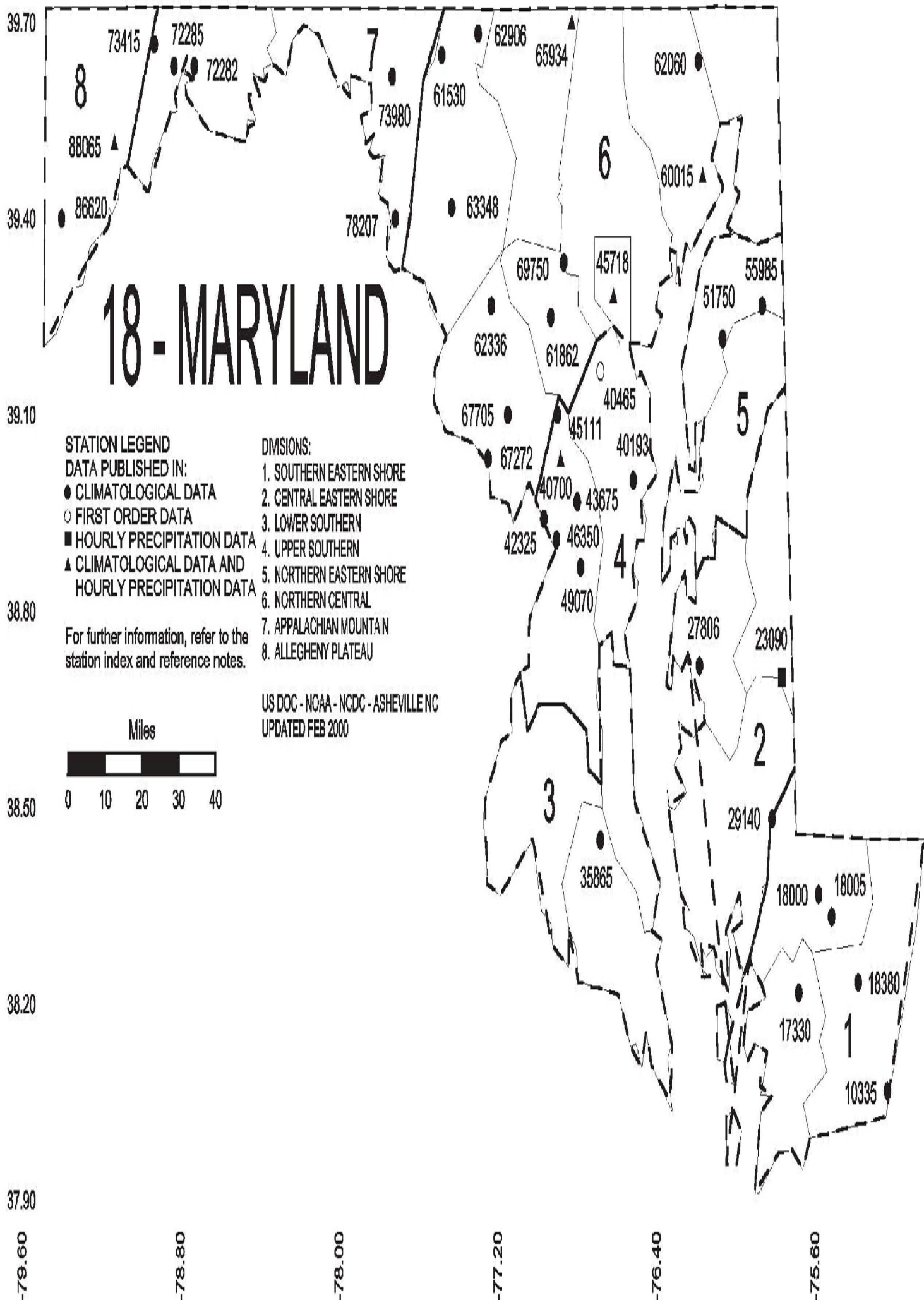
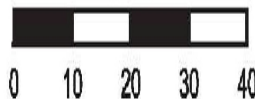
For further information, refer to the station index and reference notes.

## DIVISIONS:

1. SOUTHERN EASTERN SHORE
2. CENTRAL EASTERN SHORE
3. LOWER SOUTHERN
4. UPPER SOUTHERN
5. NORTHERN EASTERN SHORE
6. NORTHERN CENTRAL
7. APPALACHIAN MOUNTAIN
8. ALLEGHENY PLATEAU

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

Miles



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

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

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

<p>PRSRT STD POSTAGE &amp; FEES PAID United States Department of Commerce NOAA Permit No. G-19</p>
--

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300  
CHANGE SERVICE REQUESTED