



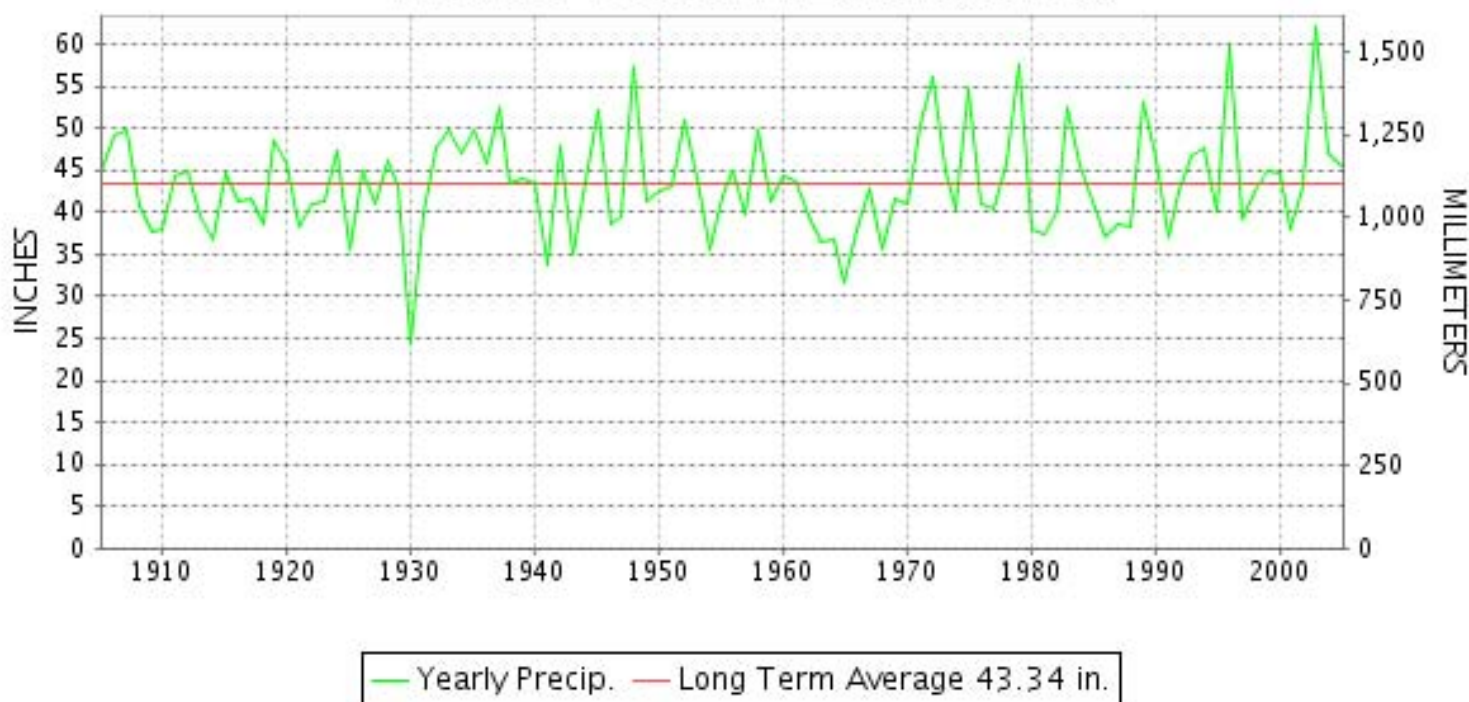
CLIMATOLOGICAL DATA ANNUAL SUMMARY MARYLAND AND DELAWARE

2005

VOLUME 129 NUMBER 13

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YEARLY TOTAL PRECIPITATION



MARYLAND AND DELAWARE PRECIPITATION 1905-2005

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TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE
2005

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
SOUTHERN EASTERN SHORE 01												
ASSATEAGUE	M 4.51		3.09	-.50	4.60	.34	M 2.57		3.48	-.12	M 4.87	
PRINCESS ANNE	M 3.43		2.94	.00	3.91	-.33	2.58	-.65	4.89	1.48	5.39	2.26
SALISBURY	4.88	.86	2.52	-.93	4.69	.14	2.96	-.38	7.15	3.48	4.96	1.34
SALISBURY POLICE BRKS	M 5.04		2.61		M 2.85		3.39		5.78		M 5.02	
SALISBURY FAA AP	4.04	-.05	3.04	-.52	4.05	-.57	2.52	-.89	5.84	1.97	M 6.57	
SNOW HILL 4 N	4.19	.17	2.73	-.68	4.84	.17	2.37	-.87	4.94	1.30	4.97	1.54
--DIVISIONAL DATA----->	4.37	.37	2.82	-.60	4.42	-.06	2.76	-.50	5.35	1.73	5.11	1.73
CENTRAL EASTERN SHORE 02												
ROYAL OAK 2 SSW	4.12	.01	2.25	-1.10	4.43	-.01	4.81	1.31	4.78	.65	3.00	-.47
VIENNA	M 2.18		2.10	-1.23	4.44	.37	M 2.47		M 1.95		2.95	-.77
--DIVISIONAL DATA----->	4.12	.14	2.18	-1.13	4.44	.15	4.81	1.42	4.78	.87	2.98	-.57
LOWER SOUTHERN 03												
MECHANICSVILLE 5 NE	3.44	-.55	M 1.70		5.38	.75	3.71	.22	5.13	.91	3.36	-.91
SOLOMONS	M 4.21		2.35		3.89		M 2.36		5.70		3.28	
--DIVISIONAL DATA----->	3.44	-.28	2.35	-.67	4.64	.33	3.71	.51	5.42	1.28	3.32	-.46
UPPER SOUTHERN 04												
ANNAPOLIS POLICE BRKS	M 1.42		1.72	-1.23	M 3.85		3.83	.49	4.48	.06	M 3.24	
BALTIMORE WASH INTL AP R	3.75	.28	1.66	-1.36	5.13	1.20	3.81	.81	2.64	-1.25	3.74	.31
BELTSVILLE	M 3.75		1.07	-1.62	4.68	.81	3.41	.08	4.10	-.44	3.07	-.52
DALECARLIA RESERVOIR	M 3.33		M 1.18		4.70	.57	4.41	.87	5.35	.93	3.01	-.68
GLENN DALE BELL STN	3.55	.10	1.43	-1.40	4.82	.87	M 2.93		5.40	.71	3.41	-.32
LAUREL 3 W	4.46	.94	1.29	-1.72	4.01	-.16	4.11	.50	3.27	-1.48	2.63	-1.29
MD SCI CTR BALTIMORE R	4.13		1.93		4.97		3.30		2.83		3.51	
NATIONAL ARBORETUM DC	3.52	-.05	1.57	-1.27	5.16	1.24	3.57	.31	5.33	1.04	3.00	-.63
OXON HILL	M 3.53		M 1.79		5.10		3.64		5.45		3.23	
UPPER MARLBORO 3 NNW	3.74	.25	1.67	-1.09	4.73	.83	3.90	.62	5.17	.86	M 2.17	
--DIVISIONAL DATA----->	3.74	.19	1.58	-1.34	4.91	.89	3.73	.39	4.53	.09	3.28	-.38
NORTHERN EASTERN SHORE 05												
CHESTERTOWN	4.09	.53	2.12	-.91	4.37	.21	4.82	1.48	3.00	-1.09	3.03	-1.23
--DIVISIONAL DATA----->	4.09	.44	2.12	-.90	4.37	.25	4.82	1.43	3.00	-1.15	3.03	-.91
NORTHERN CENTRAL 06												
ABERDEEN PHILLIPS FLD	3.59	.18	1.61	-.99	4.59	.94	M 3.31		M 3.88		3.15	-.88
CATOCTIN MOUNTAIN PARK	M 3.72		M 1.98		5.05	.73	4.03	.07	2.40	-2.74	2.39	-2.22
CONOWINGO DAM	M		M		M 4.51		M 3.17		M .00		2.18	-1.97
CYLBURN	M 4.36		M 1.80		M 5.27		M 3.77		M 2.80		M	
DAMASCUS 3 SSW	4.08		2.15		5.03		4.78		2.30		2.92	
EMMITSBURG 2 SE	M 4.00		M 2.19		M 3.70		M 4.00		M 2.22		M 1.86	
FREDERICK 2 NNE	M		1.31		4.85		M		2.79		2.41	
MILLERS 4 NE	4.31	.67	2.05	-.85	4.97	1.20	4.21	.76	2.36	-1.92	2.87	-.75
PORT DEPOSIT 2 NE	M 4.61		1.81		4.20		M 4.23		2.98		2.85	
POTOMAC FILTER PLANT	M 1.52		1.61	-.97	5.00	1.57	4.09	.87	M 4.82		M 2.11	

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE
2005

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE	1.67	-1.95	2.10	-2.08	.40	-3.30	M 4.47		3.50	.34	4.02	.81	M	
PRINCESS ANNE	8.99	4.72	3.30	-1.54	.38	-3.54	8.96	5.65	M 1.46		M			
SALISBURY	4.24	-.30	M 1.23		1.11	-2.88	5.58	2.15	3.64	.47	3.50	.03	M 46.46	
SALISBURY POLICE BRKS	5.76		2.56		1.98		6.41		M .95		M 3.59		M	
SALISBURY FAA AP	M 7.07		M 1.76		.36	-3.37	8.48	4.84	3.60	.30	3.56	-.16	M 50.89	
SNOW HILL 4 N	6.50	2.02	2.42	-2.98	.35	-3.40	7.01	3.59	2.86	-.45	3.89	.48	47.07	.89
--DIVISIONAL DATA----->	5.43	1.12	2.60	-2.14	.76	-3.00	7.29	3.92	3.40	.22	3.74	.34	48.05	3.13
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	5.58	1.36	6.00	1.90	.34	-3.65	9.05	5.59	3.01	-.42	3.64	-.03	51.01	5.14
VIENNA	3.98	.12	3.54	-.83	1.19	-2.33	6.86	3.72	M 1.43		3.60	.32	M	
--DIVISIONAL DATA----->	4.78	.59	4.77	.51	.77	-3.05	7.96	4.72	3.01	-.28	3.62	.13	48.22	3.50
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	2.68	-1.80	4.46	.52	.13	-4.25	7.90	3.98	2.46	-.97	3.87	.47	M 44.22	
SOLOMONS	3.77		6.56		.39		6.30		3.76		3.51		M 46.08	
--DIVISIONAL DATA----->	3.23	-.99	5.51	1.38	.26	-3.91	7.10	3.62	3.11	-.16	3.69	.38	45.78	1.03
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	M 4.75		M 4.41		M .00		M 2.54		M		M .35			
BALTIMORE WASH INTL AP R	8.77	4.92	3.71	-.03	.67	-3.31	9.23	6.07	2.12	-1.00	3.90	.55	49.13	7.19
BELTSVILLE	6.18	2.09	3.66	-.03	M .19		10.04	6.48	M 1.87		3.29	-.01	M 45.31	
DALECARLIA RESERVOIR	5.18	.92	2.17	-1.81	.76	-3.54	11.02	7.54	2.51	-.90	3.03	-.38	M 46.65	
GLENN DALE BELL STN	3.64	-.54	3.63	-.46	.25	-3.78	8.81	5.20	M 2.14		3.51	.24	M 43.52	
LAUREL 3 W	8.32	4.30	2.96	-.65	.20	-4.33	10.73	7.11	2.87	-1.11	3.48	-.18	48.33	1.93
MD SCI CTR BALTIMORE R	6.53		2.90		.29		8.50		2.22		4.10		45.21	
NATIONAL ARBORETUM DC	5.81	1.60	2.78	-1.12	.13	-3.95	10.32	6.89	2.11	-1.21	3.51	.26	46.81	3.11
OXON HILL	5.42		2.43		M .09		9.17		2.13		3.55		M 45.53	
UPPER MARLBORO 3 NNW	3.60	-.51	3.17	-.73	.53	-3.47	6.72	3.06	2.86	-.39	3.60	.40	M 41.86	
--DIVISIONAL DATA----->	5.64	1.50	3.06	-.89	.44	-3.74	9.23	5.75	2.33	-1.05	3.56	.17	46.03	1.58
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	4.90	.96	2.14	-1.62	2.79	-1.51	6.77	3.40	2.64	-.70	3.70	.01	44.37	-.47
--DIVISIONAL DATA----->	4.90	.85	2.14	-1.72	2.79	-1.49	6.77	3.40	2.64	-.63	3.70	.07	44.37	-.36
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	7.25	3.04	2.59	-1.48	1.10	-3.38	M 8.41		2.58	-.62	3.52	.11	M 45.58	
CATOCTIN MOUNTAIN PARK	4.94	1.12	4.87	.95	.29	-4.62	8.00	4.11	3.94	.07	M 2.78		M 44.39	
CONOWINGO DAM	5.78	1.58	M .84		M		M 9.74		M		1.31	-2.58		
CYLBURN	M 6.41		M 2.07		.23		M 10.94		M 2.86		3.57			
DAMASCUS 3 SSW	7.37		1.43		.36		8.19		3.02		2.88		44.51	
EMMITSBURG 2 SE	M		M		M		M							
FREDERICK 2 NNE	8.18		M 1.82		M .04		7.74		3.50		2.31			
MILLERS 4 NE	12.69	9.12	2.16	-1.55	.33	-3.81	10.91	7.47	3.84	.23	3.19	-.35	53.89	10.22
PORT DEPOSIT 2 NE	5.72		2.40		.38		10.51		3.71		3.43		M 46.83	
POTOMAC FILTER PLANT	10.74	7.17	M 1.08		.58	-3.46	8.91	5.70	2.85	-.54	3.09	-.06	M	

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE
2005

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
ROCKVILLE 1 NE	M 3.17		1.58	-1.27	3.81	-.08	3.83	.64	3.32	-1.06	M 2.02	
SMITHSBURG 2NW	3.09		M 1.53		M 4.03		3.18		1.79		M 1.37	
--DIVISIONAL DATA----->	3.77	.17	1.75	-1.17	4.64	.61	4.01	.48	2.56	-2.06	2.68	-1.37
APPALACHIAN												
MOUNTAIN 07												
CUMBERLAND 2	3.82	.93	1.74	-.69	4.55	1.25	2.55	-.61	3.20	-.77	3.33	.21
CUMBERLAND POLICE BRK	M 3.76		M .62		M 4.09		M 2.14		2.86		3.38	
FROSTBURG 2	4.87	1.30	2.38	-.72	4.75	.91	2.73	-1.24	3.08	-1.68	2.60	-1.24
HAGERSTOWN POLICE BRK	M 2.16		1.38		M 4.29		2.97		2.24		2.42	
SHARPSBURG 5 S	2.89		1.36		5.31		3.96		M 2.16		.94	
WILLIAMSPORT	2.87		1.19		6.03		M 2.08		2.68		M .73	
--DIVISIONAL DATA----->	3.61	.51	1.61	-1.01	5.16	1.74	3.05	-.34	2.81	-1.40	2.53	-.99
ALLEGHENY PLATEAU 08												
OAKLAND 1 SE	5.30	1.79	M 2.96		M 4.03		2.99	-1.08	M 2.25		M	
SAVAGE RIVER DAM	4.53	1.64	2.37	-.10	4.08	.80	2.10	-1.28	2.71	-1.53	M 1.59	
--DIVISIONAL DATA----->	4.92	1.37	2.37	-.72	4.08	.21	2.55	-1.29	2.71	-1.83		
NORTHERN 01												
BEAR 2 SW	M		M 2.63		4.63		4.90		3.17		2.98	
NEWARK UNIV FARM	M 3.74		M		M		4.92	1.39	M		M	
WILMINGTON NEW CASTLE R	3.84	.41	2.65	-.16	4.10	.13	5.12	1.73	2.26	-1.89	2.25	-1.34
WILMINGTON PORTER RSVR	4.49	1.02	2.61	-.44	4.49	.68	6.21	2.20	1.89	-2.44	2.08	-1.98
--DIVISIONAL DATA----->	4.17	.47	2.63	-.21	4.41	.30	5.29	1.66	2.44	-1.98	2.44	-1.46
SOUTHERN 02												
DOVER	4.00	.06	1.86	-1.18	3.64	-.76	5.65	2.18	4.38	.09	5.93	2.16
GREENWOOD 2NE	M 4.09		1.86	-1.32	3.90	-.77	3.22	-.23	5.58	1.27	4.29	.73
LEWES	4.35	.34	2.17	-1.05	5.08	.63	2.66	-.88	6.61	2.70	5.66	2.51
SMYRNA 1 W	M		M		M		M		M		M	
--DIVISIONAL DATA----->	4.18	.19	1.96	-1.22	4.21	-.19	3.84	.37	5.52	1.40	5.29	1.88

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE
2005

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
ROCKVILLE 1 NE	6.33	2.42	1.35	-2.37	.42	-3.67	8.41	5.05	2.03	-1.41	2.23	-.94	M 38.50	
SMITHSBURG 2NW	6.39		4.19		.19		6.70		4.03		M 2.01		M	
--DIVISIONAL DATA----->	7.18	3.22	2.71	-1.13	.41	-3.92	8.64	5.13	3.33	-.29	2.81	-.69	44.49	-1.02
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	5.87	2.45	1.52	-2.01	.35	-2.83	5.14	2.45	3.54	.63	M 1.99		M 37.60	
CUMBERLAND POLICE BRK	4.36		M 1.43		M .12		M 5.46		3.21		M .49		M	
FROSTBURG 2	3.83	-.08	3.02	-.80	.36	-3.26	5.91	2.70	4.00	.24	2.58	-.58	40.11	-4.45
HAGERSTOWN POLICE BRK	3.52		2.91		M .00		M 7.85		4.08		M 1.73		M	
SHARPSBURG 5 S	5.99		3.19		.26		8.39		3.96		2.12		M 40.53	
WILLIAMSPORT	5.17		2.34		M .03		M 6.06		M		2.10			
--DIVISIONAL DATA----->	4.79	1.15	2.60	-.85	.32	-3.17	6.48	3.40	3.76	.49	2.27	-.60	38.99	-1.07
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE					1.43	-2.13	M 5.33		M 4.54		M 2.90			
SAVAGE RIVER DAM	3.85	-.34	4.36	.99	.31	-3.17	5.01	2.20	M 3.42		M 1.97		M 36.30	
--DIVISIONAL DATA----->	3.85	-1.02	4.36	.45	.87	-2.73	5.01	1.98						
NORTHERN 01														
BEAR 2 SW	3.86		2.32		1.09		7.93		2.42		3.54			
NEWARK UNIV FARM	5.08	.59	2.23	-1.78	.74	-3.54	M		M		M			
WILMINGTON NEW CASTLE R	4.82	.54	1.35	-2.16	.44	-3.57	7.79	4.71	2.41	-.78	3.22	-.18	40.25	-2.56
WILMINGTON PORTER RSVR	M 4.71		2.03	-2.02	.95	-3.00	7.23	3.93	2.64	-1.16	M 3.83		M 43.16	
--DIVISIONAL DATA----->	4.59	.09	1.98	-1.74	.81	-3.51	7.65	4.29	2.49	-.89	3.38	-.24	42.28	-3.22
SOUTHERN 02														
DOVER	3.98	-.18	3.88	-.85	.26	-4.30	9.00	5.74	4.44	1.28	M			
GREENWOOD 2NE	M		1.70	-2.37	.13	-3.98	9.28	6.13	4.37	1.24	4.23	.63		
LEWES	5.99	1.80	M 2.27		.64	-3.13	8.56	5.14	3.90	.57	4.36	.69	M 52.25	
SMYRNA 1 W	M		M		M		M		M		M			
--DIVISIONAL DATA----->	4.99	1.07	2.79	-2.10	.34	-3.81	8.95	5.57	4.24	.95	4.30	.76	50.61	4.87

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

MARYLAND AND DELAWARE
2005

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.
MARYLAND																										
SOUTHERN EASTERN																										
SHORE 01																										
ASSATEAGUE	37.3	1.0	38.7	.7	41.4	-2.5	52.1	-.4	57.7	-3.8	70.0	-.2	78.6	3.0	78.8	3.4	74.9	4.6	62.4	2.8	52.0	2.3	39.7	-1.2	57.0	.8
PRINCESS ANNE	M		M		M		M		M		M		M		M		M		M		M		M		M	
SALISBURY	37.9	.7	40.5	1.2	43.0	-4.0	57.7	1.8	61.0	-3.8	74.2	1.3	80.4	2.9	79.8	3.8	74.2	4.2	61.2	2.1	53.7	3.7	38.5	-2.7	58.5	.9
SALISBURY POLICE BRKS	M37.3		39.9		42.7		57.7		M61.3		M75.9		M80.8		M79.8		M		M62.2		M53.3		M38.3		M	
SALISBURY FAA AP	35.1	-.6	36.7	-1.2	39.4	-6.1	52.6	-1.7	56.4	-7.0	70.8	-1.4	76.9	-.4	76.0	.5	69.2	.1	57.9	.3	48.8	.2	35.0	-5.0	54.6	-1.9
SNOW HILL 4 N	38.0	1.0	39.8	.8	41.5	-5.0	55.8	.3	60.1	-4.7	73.7	.8	78.8	1.8	78.9	3.6	72.8	3.2	60.9	2.5	52.6	3.2	37.7	-3.3	57.6	.4
--DIVISIONAL DATA----->	37.1	1.1	39.1	1.3	41.6	-3.7	55.2	1.1	59.3	-3.9	72.9	1.1	79.1	2.4	78.7	3.4	72.8	3.5	60.9	2.6	52.1	3.3	37.8	-2.5	57.2	.8
CENTRAL EASTERN																										
SHORE 02																										
ROYAL OAK 2 SSW	36.3	.2	38.8	.3	42.6	-4.1	57.4	1.3	61.6	-4.1	75.0	.8	80.4	1.8	79.9	3.0	73.9	3.2	60.6	.8	52.7	2.6	37.6	-3.2	58.1	.2
VIENNA	37.4	1.3	39.2	1.0	42.4	-4.0	56.2	.6	61.4	-3.5	74.8	1.5	80.2	2.1	79.4	3.3	73.3	3.4	61.8	3.0	52.1	2.8	38.7	-1.8	58.1	.8
--DIVISIONAL DATA----->	36.9	2.1	39.0	2.1	42.5	-2.8	56.8	2.3	61.5	-2.8	74.9	2.0	80.3	2.6	79.7	3.8	73.6	4.4	61.2	3.0	52.4	4.3	38.2	-1.1	58.1	1.7
LOWER SOUTHERN 03																										
MECHANICSVILLE 5 NE	34.6	-.3	36.8	-1.1	40.1	-6.1	54.3	-1.0	57.9	-6.0	71.6	-.4	77.3	.7	76.0	1.2	69.8	1.5	56.8	.1	48.6	.7	34.4	-5.1	54.9	-1.3
SOLOMONS	M38.7		40.1		M42.7		M57.3		61.7		M75.9		M81.4		81.0		M75.8		M61.8		M55.2		M37.7		M59.1	
--DIVISIONAL DATA----->	36.7	2.7	38.5	1.6	41.4	-3.8	55.8	1.6	59.8	-3.6	73.8	2.1	79.4	3.1	78.5	3.8	72.8	4.7	59.3	2.4	51.9	4.6	36.1	-2.7	57.0	1.4
UPPER SOUTHERN 04																										
ANNAPOLIS POLICE BRKS	M35.4	2.6	39.4	4.3	43.2	-.4	M58.5	4.9	M61.5	-2.1	M75.3	2.9	M		M81.7	6.1	M75.3	7.0	M		M		M		M	
BALTIMORE WASH INTL AP R	34.1	1.8	36.7	1.2	40.6	-3.1	55.2	2.0	59.2	-3.7	73.6	1.8	78.0	1.5	77.6	3.1	72.0	4.6	57.8	2.4	48.1	2.6	34.0	-2.7	55.6	1.0
BELTSVILLE	33.9	1.3	37.4	2.0	40.4	-3.4	54.7	1.4	59.4	-3.6	73.8	1.7	77.9	1.0	77.7	2.4	71.6	3.2	58.1	2.0	48.4	1.7	34.0	-3.3	55.6	.5
DALECARLIA RESERVOIR	M34.7	.7	38.0	.6	38.9	-6.8	54.6	-1.0	58.9	-6.0	74.8	1.6	80.1	2.5	78.7	2.5	74.3	5.0	59.8	2.5	49.5	2.3	35.4	-2.8	M56.5	.1
GLENN DALE BELL STN	32.9	1.1	36.0	1.6	39.0	-4.3	53.4	1.4	57.9	-3.8	72.4	2.1	77.2	2.0	77.1	3.3	71.0	4.3	57.5	2.4	48.1	3.2	34.0	-2.5	54.7	.9
MD SCI CTR BALTIMORE R	35.7		39.0		42.6		57.8		62.3		76.7		81.3		81.0		76.2		60.3		51.2		36.7		58.4	
NATIONAL ARBORETUM DC	35.5	2.0	39.2	3.0	42.3	-2.1	56.8	2.7	61.3	-2.8	M		80.2	2.3	M		74.3	5.6	59.5	2.9	50.2	3.3	35.3	-2.7	M	
OXON HILL	M35.3		39.1		42.0		56.3		60.9		M75.7		79.7		79.1		73.6		59.5		49.6		35.9		M57.2	
UPPER MARLBORO 3 NNW	33.8	1.3	37.1	1.7	40.3	-3.5	54.7	1.3	59.6	-3.1	73.6	2.3	78.7	2.8	77.7	3.6	71.9	4.7	58.1	2.8	48.4	2.1	34.4	-2.6	55.7	1.1
--DIVISIONAL DATA----->	34.6	1.3	38.0	1.7	41.0	-3.5	55.8	1.7	60.1	-3.5	74.5	2.2	79.1	2.0	78.8	3.4	73.4	5.1	58.8	2.4	49.2	2.5	35.0	-2.6	56.5	1.1
NORTHERN EASTERN																										
SHORE 05																										
CHESTERTOWN	33.2	.0	36.3	.4	41.1	-3.3	55.6	1.5	60.5	-3.4	74.0	1.3	79.0	1.6	78.5	2.7	73.4	4.6	58.2	1.0	48.6	1.5	34.3	-3.3	56.1	.4
--DIVISIONAL DATA----->	33.2	.5	36.3	1.0	41.1	-2.7	55.6	2.3	60.5	-2.5	74.0	2.3	79.0	2.4	78.5	3.6	73.4	5.6	58.2	1.7	48.6	2.1	34.3	-3.0	56.1	1.1
NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FLD	M		M38.9	2.1	M40.7	-4.1	M58.8	4.2	M		M75.4	3.2	M		M78.5	3.1	M72.9	4.0	M		M		M		M	
CATOCTIN MOUNTAIN PARK	30.5	1.5	34.6	2.4	35.8	-5.1	54.1	2.2	57.9	-3.7	71.3	2.1	74.4	1.3	74.1	2.6	68.9	3.8	54.7	.2	46.5	2.7	29.1	-4.7	52.7	.4
CONOWINGO DAM	M		M		M38.7	-3.7	M55.6	3.2	M58.3	-4.3	M75.3	3.8	79.4	3.2	M79.2	4.4	M		M		M		M		M	
CYLBURN	M		M		M		M		M		M		M		M		M		M57.5		M		M32.3		M	
DAMASCUS 3 SSW	31.9		35.3		38.3		54.5		58.0		71.7		75.6		75.0		69.7		56.0		46.4		31.4		53.7	
EMMITSBURG 2 SE	32.6	1.6	34.0	-.1	38.4	-4.6	55.1	2.3	58.0	-4.2	M71.6	1.1	M		M		M		M						M	
FREDERICK 2 NNE	M		35.1		38.9		M		58.7		74.1		77.9		76.9		M70.8		57.4		46.8		31.9		M	

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

MARYLAND AND DELAWARE
2005

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.
MILLERS 4 NE	31.3	.9	34.8	1.4	37.5	-4.2	54.5	2.7	57.8	-3.5	72.5	2.8	75.7	1.8	75.4	2.9	70.0	4.4	56.1	1.1	47.1	2.3	31.0	-4.4	53.6	.7
PORT DEPOSIT 2 NE	30.5		34.4		37.4		54.0		57.5		73.0		77.0		77.2		71.6		56.7		47.4		32.0		54.1	
ROCKVILLE 1 NE	34.9	3.1	37.5	2.9	38.6	-4.6	52.1	-1.2	56.2	-6.1	70.7	.0	75.5	.2	77.9	4.6	71.5	5.0	57.5	2.4	47.4	2.2	34.0	-2.3	54.5	.5
SMITHSBURG 2NW	M32.1		M33.8		M35.0		52.4		56.5		72.8		76.9		75.0		69.0		55.7		46.2		29.5		M52.9	
--DIVISIONAL DATA----->	32.0	.8	35.4	1.4	37.9	-4.8	54.6	2.3	57.7	-4.6	72.8	2.1	76.6	1.3	76.6	3.1	70.6	4.0	56.5	1.2	46.8	1.9	31.4	-4.4	54.1	.4
APPALACHIAN MOUNTAIN 07																										
CUMBERLAND 2	33.0	2.7	35.6	1.7	39.3	-3.4	55.6	2.7	59.0	-3.2	74.0	3.8	M78.0	3.5	79.2	6.3	73.6	7.8	58.4	4.5	46.5	2.9	32.2	-2.0	M55.4	2.3
CUMBERLAND POLICE BRK	32.5		34.6		37.9		54.4		57.5		71.8		75.2		74.9		68.6		56.0		45.3		M		M	
FROSTBURG 2	M28.2	3.7	29.9	2.6	31.1	-4.2	49.3	3.4	52.9	-3.3	67.0	2.8	71.0	2.5	70.2	3.0	65.3	5.0	51.1	1.8	42.1	3.0	25.6	-3.9	M48.6	1.4
HAGERSTOWN POLICE BRK	33.8		36.9		39.5		55.6		59.3		73.9		77.4		77.6		71.4		57.7		48.0		M		M	
SHARPSBURG 5 S	32.5		35.2		M35.9		52.1		56.9		72.0		76.4		75.2		68.8		55.8		M49.2		30.5		M53.4	
WILLIAMSPORT	32.9		35.4		38.0		52.6		57.6		72.5		77.3		76.2		70.6		55.2		M		31.4		M	
--DIVISIONAL DATA----->	32.2	3.2	34.6	2.5	37.0	-3.7	53.3	2.6	57.2	-3.1	71.9	3.4	75.9	3.1	75.6	4.4	69.7	5.6	55.7	3.0	46.2	3.5	29.9	-3.6	53.3	1.7
ALLEGHENY PLATEAU 08																										
OAKLAND 1 SE	31.3	4.5	31.8	2.5	33.1	-4.8	49.7	2.2	53.0	-3.7	M						62.4	1.6	50.3	.3	40.8	.8	25.2	-6.1	M	
SAVAGE RIVER DAM	29.9	3.7	31.0	2.4	33.3	-3.8	49.7	2.3	53.9	-3.4	68.0	2.5	72.4	2.7	71.4	3.1	65.5	4.0	52.8	2.8	42.9	2.5	27.5	-3.5	49.9	1.3
--DIVISIONAL DATA----->	30.6	4.8	31.4	2.9	33.2	-3.8	49.7	2.7	53.5	-3.0	68.0	3.6	72.4	3.8	71.4	4.3	64.0	3.5	51.6	2.4	41.9	2.3	26.4	-4.0	49.5	1.6
DELAWARE NORTHERN 01																										
BEAR 2 SW	M		34.5		37.8		53.3		57.2		73.2		77.4		78.0		70.6		56.5		46.8		33.2		M	
NEWARK UNIV FARM	32.8	.3	M		M		53.9	.8	M		M		78.3	1.9	78.9	4.4	73.2	5.5	M		M		M		M	
WILMINGTON NEW CASTLE R	31.8	.3	35.1	.9	38.6	-4.1	53.8	1.4	57.5	-5.0	72.9	1.4	77.0	.4	77.9	2.9	71.8	4.1	57.7	1.9	47.9	2.0	33.7	-2.7	54.6	.3
WILMINGTON PORTER RSVR	32.8	2.7	35.3	2.6	38.3	-3.5	53.9	2.4	58.2	-3.7	73.4	2.6	77.6	2.4	77.9	4.1	71.9	5.1	57.3	1.7	48.3	2.6	33.1	-2.2	54.8	1.4
--DIVISIONAL DATA----->	32.5	.8	35.0	.7	38.2	-4.5	53.7	1.3	57.6	-5.0	73.2	1.8	77.6	1.4	78.2	3.7	71.9	4.5	57.2	1.4	47.7	1.9	33.3	-3.3	54.7	.4
SOUTHERN 02																										
DOVER	35.0	-.3	37.2	-.5	40.7	-4.7	56.0	1.4	59.4	-4.9	73.5	.6	78.3	.5	78.5	2.3	73.3	3.4	60.1	1.3	52.2	3.0	M		M	
GREENWOOD 2NE	34.2	1.1	35.9	1.6	39.3	-4.0	53.2	1.0	57.8	-4.0	72.1	1.4	M		76.9	3.0	71.4	4.5	57.9	1.9	49.6	3.1	35.3	-2.0	M	
LEWES	37.1	.7	37.9	-.4	41.2	-4.4	56.1	1.5	59.8	-4.2	74.4	1.9	79.7	2.4	79.9	4.0	74.1	3.9	61.1	1.9	53.5	3.5	37.6	-3.5	57.7	.6
SMYRNA 1 W	M		M		M		M		M		M		M		M		M		M		M		M		M	
--DIVISIONAL DATA----->	35.4	.8	37.0	.6	40.4	-4.0	55.1	1.9	59.0	-3.9	73.3	1.6	79.0	2.5	78.4	3.6	72.9	4.6	59.7	2.4	51.8	4.1	36.5	-2.5	56.5	1.0

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND DELAWARE
2005

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	96	6/15	12	1/29	1/29	12	3/11	20	3/11	20	3/11	20	4/13	32	11/12	32	11/19	27	11/27	24	NONE		NONE				261	253	213
PRINCESS ANNE					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
SALISBURY	98	7/28	9	1/28	1/29	14	2/19	20	3/10	23	3/10	23	3/22	31	11/12	32	11/19	26	11/25	24	12/14	18	NONE			298	260	254	235
SALISBURY POLICE BRKS	102	7/27	9	1/28	1/29	12	2/26	20	3/10	22	3/18	28	4/17	32	11/12	32	11/19	25	11/25	24	12/14	17	MSG			291	260	246	209
SALISBURY FAA AP	98	7/27	7	1/24	3/4	15	3/10	18	3/22	22	4/17	28	5/5	29	10/27	31	11/11	27	11/18	21	11/19	18	11/26	16	267	254	241	208	175
SNOW HILL 4 N	98	7/27	9	1/22	2/19	16	3/4	17	3/10	21	3/22	27	5/5	32	10/29	30	11/12	27	11/18	23	11/19	20	12/14	16	298	260	253	235	177
CENTRAL EASTERN SHORE 02																													
ROYAL OAK 2 SSW	99	7/27	9	1/29	2/2	16	3/10	20	3/10	20	3/18	28	4/17	31	10/29	32	11/19	26	11/26	22	12/14	17	NONE			279	261	246	195
VIENNA	100	7/27	8	1/28	2/20	16	3/4	20	3/10	21	3/22	28	4/17	30	10/29	30	11/18	28	11/25	22	12/9	19	NONE			280	260	241	195
LOWER SOUTHERN 03																													
MECHANICSVILLE 5 NE	97	7/28	6	1/25	2/19	16	3/11	17	3/11	17	3/23	28	4/17	29	10/29	32	11/18	27	11/19	22	11/26	20	12/14	14	298	260	253	240	195
SOLOMONS	101	7/28	13	1/28	1/28	13	1/29	17	3/9	23	3/10	26	3/18	30	11/18	28	11/18	28	11/25	24	12/14	20	NONE			319	261	253	245
UPPER SOUTHERN 04																													
ANNAPOLIS POLICE BRKS					1/24	9	2/28	20	3/10	22	3/18	28	3/22	30	MSG		MSG		MSG		MSG		MSG						
BALTIMORE WASH INTL AP R	96	7/27	9	1/24	2/26	16	3/10	17	3/15	24	3/22	28	4/17	32	10/29	32	11/17	28	11/19	22	11/25	20	12/14	15	291	260	249	240	195
BELTSVILLE	96	8/14	7	1/25	2/19	16	3/10	18	3/10	18	3/18	27	4/17	32	11/11	31	11/18	27	11/19	23	12/8	20	12/14	15	298	273	254	245	208
DALECARLIA RESERVOIR	100	7/28	5	1/24	3/10	12	3/10	12	3/18	24	3/22	26	5/3	30	11/11	31	11/18	28	11/25	21	12/10	19	12/14	15	279	275	252	241	192
GLENN DALE BELL STN	98	8/5	2	1/25	3/10	14	3/11	19	3/18	24	4/17	27	5/4	31	10/28	32	11/18	24	11/18	24	11/19	20	12/10	16	275	253	245	215	177
MD SCI CTR BALTIMORE R	99	7/27	10	1/29	1/29	10	1/29	10	3/9	21	3/10	25	3/15	31	11/18	30	11/24	25	11/25	22	12/14	19	NONE			319	261	259	248
NATIONAL ARBORETUM DC			9	1/24	1/30	16	2/19	18	3/10	21	3/11	28	3/22	31	11/18	28	11/18	28	11/25	22	12/14	17	NONE			298	260	252	241
OXON HILL	99	7/28	11	1/28	1/30	15	3/10	20	3/10	20	3/18	28	3/25	30	11/18	28	11/18	28	11/25	22	12/10	20	12/14	16	318	275	260	245	238
UPPER MARLBORO 3 NNW	99	7/28	4	1/25	2/19	16	3/11	20	3/11	20	3/22	27	4/17	30	10/29	31	11/18	27	11/19	21	11/26	18	12/14	13	298	260	253	241	195
NORTHERN EASTERN SHORE 05																													
CHESTERTOWN	100	7/27	4	1/28	2/2	10	3/10	17	3/10	17	3/22	27	4/17	31	10/28	32	11/17	27	11/18	22	11/19	18	11/25	16	296	254	253	240	194
NORTHERN CENTRAL 06																													
ABERDEEN PHILLIPS FLD					2/2	12	3/10	17	3/10	17	3/18	27	3/22	29	MSG		MSG		MSG		MSG		MSG						
CATOCTIN MOUNTAIN PARK	92	8/14	2	1/28	3/10	14	3/14	20	3/18	22	3/22	28	4/24	32	10/28	32	11/17	26	11/18	19	11/18	19	11/25	12	260	249	245	240	187
CONOWINGO DAM					3/10	16	3/11	18	3/23	22	3/23	22	4/25	29	MSG		MSG		MSG		MSG		MSG						
CYLBURN					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
DAMASCUS 3 SSW	94	8/13	5	1/28	3/9	13	3/10	17	3/15	24	3/18	27	5/3	32	10/27	32	11/17	27	11/18	22	11/24	20	11/25	16	261	259	248	244	177
EMMITSBURG 2 SE					3/10	14	3/17	20	3/18	21	5/3	28	5/9	32	MSG		MSG		MSG		MSG		MSG						
FREDERICK 2 NNE					2/3	12	MSG		MSG		MSG		MSG		11/11	32	11/18	26	11/19	22	11/25	19	12/14	9	314				
MILLERS 4 NE	94	8/13	1	1/22	3/10	12	3/10	12	3/15	24	3/22	28	5/3	31	10/28	32	11/18	21	11/18	21	11/19	19	11/25	15	260	254	248	241	178
PORT DEPOSIT 2 NE	97	7/28	3	1/28	3/11	16	3/11	16	3/16	24	3/19	27	3/23	29	11/11	32	11/18	25	11/25	17	11/25	17	12/11	16	275	259	254	244	233
ROCKVILLE 1 NE	98	8/13	7	1/23	3/10	15	3/10	15	3/10	15	3/22	26	5/3	30	11/17	29	11/18	27	11/19	24	11/25	18	12/14	12	279	260	254	241	198
SMITHSBURG 2NW	95	8/15	2	12/15	3/10	14	3/15	19	3/19	23	4/17	28	5/7	32	10/29	31	11/12	28	11/18	17	11/18	17	11/25	15	260	248	244	209	175
APPALACHIAN MOUNTAIN 07																													

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND DELAWARE
2005

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	103	8/13	4	1/19	3/4	13	3/10	19	3/15	23	3/22	25	4/16	31	10/26	32	11/17	21	11/17	21	11/24	16	11/24	16	265	259	247	240	193
CUMBERLAND POLICE BRK	97	8/13			3/10	15	3/10	15	3/16	24	3/22	25	5/5	31	10/29	32	11/12	27	11/18	21	11/19	19	11/25	14	260	254	247	235	177
FROSTBURG 2	90	8/14	-1	1/29	3/15	15	3/19	18	3/23	24	3/23	24	5/5	30	10/25	32	11/17	23	11/17	23	11/18	16	11/18	16	248	244	239	239	173
HAGERSTOWN POLICE BRK	97	8/15			3/9	15	3/10	18	3/16	24	3/22	27	5/3	31	10/29	26	10/29	26	11/18	23	11/19	20	11/25	15	261	254	247	221	179
SHARPSBURG 5 S	97	8/14	-3	1/25	3/10	15	3/16	20	3/22	24	4/17	28	5/7	32	10/27	31	11/11	28	11/18	18	11/18	18	12/8	13	273	247	241	208	173
WILLIAMSPORT	98	8/15			3/5	16	3/11	17	3/19	24	3/23	27	5/4	32	10/27	29	MSG		MSG		MSG		MSG						176
ALLEGHENY PLATEAU 08																													
OAKLAND 1 SE			-7	1/28	3/16	15	3/22	17	3/22	17	MSG		MSG		10/25	30	10/28	28	11/12	24	11/19	14	11/19	14	248	242	235		
SAVAGE RIVER DAM	90	8/14	-1	1/29	3/9	15	3/15	20	3/22	24	4/5	28	5/5	31	10/27	31	11/18	18	11/18	18	11/18	18	11/25	12	261	248	241	227	175
DELAWARE																													
NORTHERN 01																													
BEAR 2 SW	97	8/13			3/10	13	3/10	13	3/18	23	3/22	25	5/3	31	10/28	31	11/12	27	11/18	23	11/25	19	12/14	12	279	260	245	235	178
NEWARK UNIV FARM					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
WILMINGTON NEW CASTLE R	96	8/14	1	1/28	2/19	16	3/10	17	3/10	17	3/22	28	3/22	28	11/12	28	11/12	28	11/19	24	11/25	20	12/13	16	297	260	254	235	235
WILMINGTON PORTER RSVR	95	8/4	5	1/28	1/29	13	3/10	19	3/10	19	3/15	26	3/22	30	11/17	30	11/18	27	11/24	22	11/25	20	12/13	16	318	260	259	248	240
SOUTHERN 02																													
DOVER	95	7/27			1/29	12	3/10	19	3/10	19	3/22	28	3/22	28	11/18	28	11/18	28	11/25	22	MSG		MSG				260	241	241
GREENWOOD 2NE			6	1/29	2/3	15	3/11	20	3/11	20	3/22	27	4/17	30	10/29	32	11/18	28	11/19	22	11/26	19	12/14	15	314	260	253	241	195
LEWES	99	7/27	10	1/24	1/29	16	3/9	20	3/10	21	3/18	28	3/22	32	11/18	29	11/19	26	11/25	24	12/14	19	NONE			280	260	246	241
SMYRNA 1 W					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						

MARYLAND AND DELAWARE
2005

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
MARYLAND SOUTHERN EASTERN SHORE 01														
ASSATEAGUE	0	0	0	0	10	172	430	437	302	62	1	0	1414	1066
PRINCESS ANNE	-	-	-	-	-	-	-	-	-	-	-	-	-	1092
SALISBURY	0	0	0	19	31	291	484	466	288	52	8	0	1639	1246
SALISBURY POLICE BRKS	B 0	0	0	25	B 37	B 344	B 494	B 465	-	B 61	B 9	B 0	-	-
SALISBURY FAA AP	0	0	0	7	4	207	374	347	145	36	0	0	1120	1155
SNOW HILL 4 N	0	0	0	17	25	281	438	437	249	54	7	0	1508	1194
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	0	0	14	25	309	486	468	280	43	4	0	1629	1392
VIENNA	0	0	0	3	23	305	478	451	259	56	4	0	1579	1274
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	0	0	0	16	5	219	386	344	164	22	0	0	1156	1093
SOLOMONS	B 0	0	B 0	B 22	30	B 335	B 520	502	B 331	B 55	B 0	B 0	B1795	-
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	B 0	0	0	B 20	B 31	B 324	-	B 525	B 323	-	-	-	-	1162
BALTIMORE WASH INTL AP R	0	0	0	13	10	273	408	399	227	20	0	0	1350	1147
BELTSVILLE	0	0	0	12	14	276	406	403	215	25	0	0	1351	1109
DALECARLIA RESERVOIR	B 0	0	0	12	10	307	475	427	288	44	0	0	B1563	1258
GLENN DALE BELL STN	0	0	0	8	9	242	386	382	201	26	0	0	1254	917
MD SCI CTR BALTIMORE R	0	0	0	24	38	362	513	502	345	49	1	0	1834	-
NATIONAL ARBORETUM DC	0	0	0	23	30	-	477	-	289	41	1	0	-	1243
OXON HILL	B 0	0	0	17	27	B 332	463	447	265	34	1	0	B1586	-
UPPER MARLBORO 3 NNW	0	0	0	19	14	274	430	400	222	27	0	0	1386	1002
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	0	0	11	18	290	441	427	272	35	0	0	1494	1183
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	-	B 0	B 0	B 27	-	B 319	-	B 426	B 254	-	-	-	-	1153
CATOCTIN MOUNTAIN PARK	0	0	0	9	19	208	295	291	141	12	0	0	975	733
CONOWINGO DAM	-	-	B 0	B 12	B 9	B 315	451	B 444	-	-	-	-	-	1068
CYLBURN	-	-	-	-	-	-	-	-	-	B 24	-	B 0	-	-
DAMASCUS 3 SSW	0	0	0	9	9	228	332	317	166	17	0	0	1078	-
EMMITSBURG 2 SE	0	0	0	6	20	B 219	-	-	-	-	-	-	-	918
FREDERICK 2 NNE	-	0	0	-	16	284	406	376	B 192	21	0	0	-	-
MILLERS 4 NE	0	0	0	10	12	238	339	331	176	20	0	0	1126	790
PORT DEPOSIT 2 NE	0	0	0	12	3	258	380	383	215	22	0	0	1273	-
ROCKVILLE 1 NE	0	0	0	0	3	203	333	408	216	22	0	0	1185	983
SMITHSBURG 2NW	B 0	B 0	B 0	6	20	253	375	318	141	25	0	0	B1138	-
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	0	0	5	23	280	B 413	447	275	32	0	0	B1475	877
CUMBERLAND POLICE BRK	0	0	0	2	17	225	324	317	130	13	0	-	-	-
FROSTBURG 2	B 0	0	0	0	5	127	192	177	58	2	0	0	B 561	344
HAGERSTOWN POLICE BRK	0	0	0	8	27	273	392	397	210	24	0	-	-	-
SHARPSBURG 5 S	0	0	B 0	6	14	227	362	323	141	25	B 0	0	B1098	-
WILLIAMSPORT	0	0	0	3	12	247	386	353	188	15	-	0	-	-
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	0	0	0	0	0	-	-	-	12	0	0	0	-	316
SAVAGE RIVER DAM	0	0	0	0	5	142	233	212	62	2	0	0	656	414
DELAWARE NORTHERN 01														

MARYLAND AND DELAWARE
2005

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	4	2	266	390	411	193	18	0	0	-	
NEWARK UNIV FARM	0	-	-	7	-	-	422	436	256	-	-	-	-	1047
WILMINGTON NEW CASTLE R	0	0	0	6	3	258	377	408	228	26	0	0	1306	1125
WILMINGTON PORTER RSVR	0	0	0	10	6	267	397	406	223	22	0	0	1331	930
SOUTHERN 02														
DOVER	0	0	0	22	10	266	419	427	265	37	4	-	-	1262
GREENWOOD 2NE	0	0	0	12	8	242	-	376	202	23	0	0	-	943
LEWES	0	0	0	25	23	304	463	470	281	43	6	0	1615	1240
SMYRNA 1 W	-	-	-	-	-	-	-	-	-	-	-	-	-	

MARYLAND AND DELAWARE
2005

TOTAL EVAPORATION AND WIND MOVEMENT

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MARYLAND UPPER SOUTHERN 04 BELTSVILLE	WIND	-	-	-	B 2076	B 1779	1291	B 919	841	1081	1636	-	-	-
	EVAP	-	-	-	B 5.67	B 5.59	B 7.15	B 7.22	5.97	5.60 B	3.41	-	-	-
	MAX TEMP	-	-	-	M 70.5	M 72.3	M 88.2	M 92.5	M 92.4	M 85.3	M -	-	-	M -
	MIN TEMP	-	-	-	M 43.0	M 47.6	M 63.2	M 69.5	M 68.7	M 59.2	M -	-	-	M -
	WIND	-	-	-	B 524	-	-	-	-	-	-	-	-	-
UPPER MARLBORO 3 NNW	EVAP	-	-	-	-	B 5.04	B 6.47	B 6.54	B 5.54	B 5.40 B	2.47	3.65	-	-
	MAX TEMP	-	-	-	71.9	77.6	93.1	96.2	94.2	89.2	69.5	59.4	-	M -
	MIN TEMP	-	-	-	44.7	51.2	65.3	71.8	70.6	61.5	51.3	40.6	-	M -
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
ALLEGHENY PLATEAU 08 SAVAGE RIVER DAM	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE NORTHERN 01 NEWARK UNIV FARM	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	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	
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	81	81	0			C H
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	39 0	76 30W	25	48	48	0			H
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	39	39	0			H
BALTIMORE WASH INTL AP R	0465	04	ANNE ARUNDEL	39 10	76 41W	156	72	72	0			CHJ
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 56W	145	68	68	65			CH
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	40	40	0			H
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	101	101	0			H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	71	71	0			H
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	34	34	0			H
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	40	40	0			H
CYLBURN	2308	06	BALTIMORE (C	39 22	76 38W	400	3	3	0			H
DALECARLIA RESERVOIR	2325	04	PRINCE GEORG	38 56	77 7W	150	61	61	0			H
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	13	13	0			H
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 17W	416	51	51	0			H
FREDERICK 2 NNE	3353	06	FREDERICK	39 26	77 24W	280	2	2	0			H
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	35	35	0			H
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	86	86	0			H
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 36	77 44W	560	9	9	0			H
LAUREL 3 W	5111	04	PRINCE GEORG	39 5	76 54W	400	115	116	0			H
MD SCI CTR BALTIMORE R	5718	04	BALTIMORE (C	39 17	76 37W	20	7	7	0			CH
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 28	76 42W	100	45	45	0			H
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	20	20	0			CH
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 55	76 58W	50	59	59	0			H
OAKLAND 1 SE	6620	08	GARRETT	39 25	79 24W	2420	109	109	0			H
OXON HILL	6800	04	PRINCE GEORG	38 48	77 0W	120	5	5	0			H
PORT DEPOSIT 2 NE	7230	06	CECIL	39 38	76 5W	300	0	0	0			H
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270	0	45	0			H
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	58	58	0			H
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 9W	440	59	59	0			H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	59	59	0			H
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	100	100	0			H
SALISBURY POLICE BRKS	8003	01	WICOMICO	38 25	75 34W	40	5	5	0			H
SALISBURY FAA AP	8005	01	WICOMICO	38 20	75 31W	48	59	59	0			H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	56	59	56			CH
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	8	8	0			H
SMITHSBURG 2NW	8371	06	WASHINGTON	39 40	77 35W	670	4	5	0			H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	91	91	0			H
SOLOMONS	8405	03	CALVERT	38 19	76 27W	12	97	97	0			H
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	49	49	49			H
VIENNA	9140	02	DORCHESTER	38 29	75 49W	10	58	58	0			H
WILLIAMSPORT	9570	07	WASHINGTON	39 36	77 50W	360	7	46	0			H
DELAWARE												

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	
BEAR 2 SW	1200	01	NEW CASTLE	39 36	75 44W	80	3	3	0			H
DOVER	2730	02	KENT	39 16	75 31W	30	119	118	0			H
GREENWOOD 2NE	3595	02	SUSSEX	38 49	75 35W	45	22	22	0			H
LEWES	5320	02	SUSSEX	38 47	75 8W	15	63	63	0			H
NEWARK UNIV FARM	6410	01	NEW CASTLE	39 40	75 45W	90	93	93	49			C H
SMYRNA 1 W	8508	02	KENT	39 18	75 37W	40	3	3	0			H
WILMINGTON NEW CASTLE R	9595	01	NEW CASTLE	39 40	75 36W	79	59	59	0			C HJ
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	95	95	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.

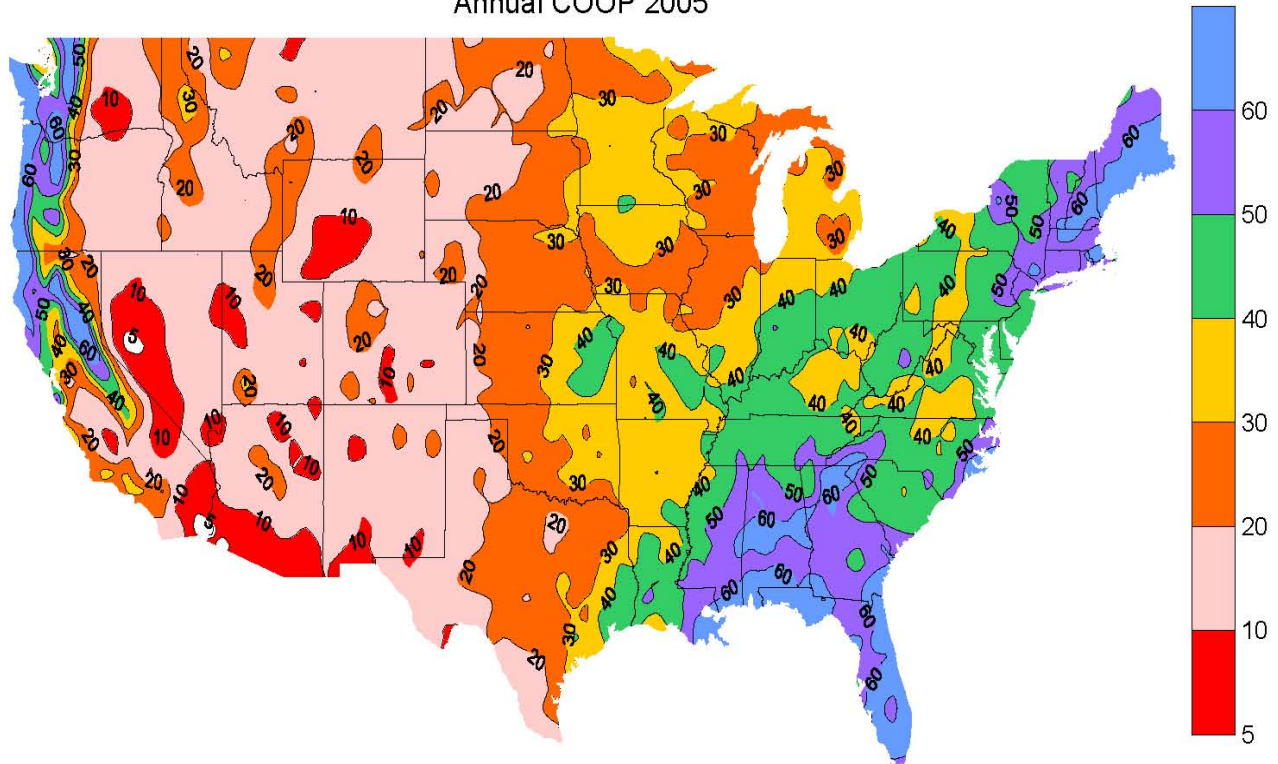
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Similar historical information of regular National Weather Service Offices is available from the "Local Climatological Data" annual bulletin.

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.

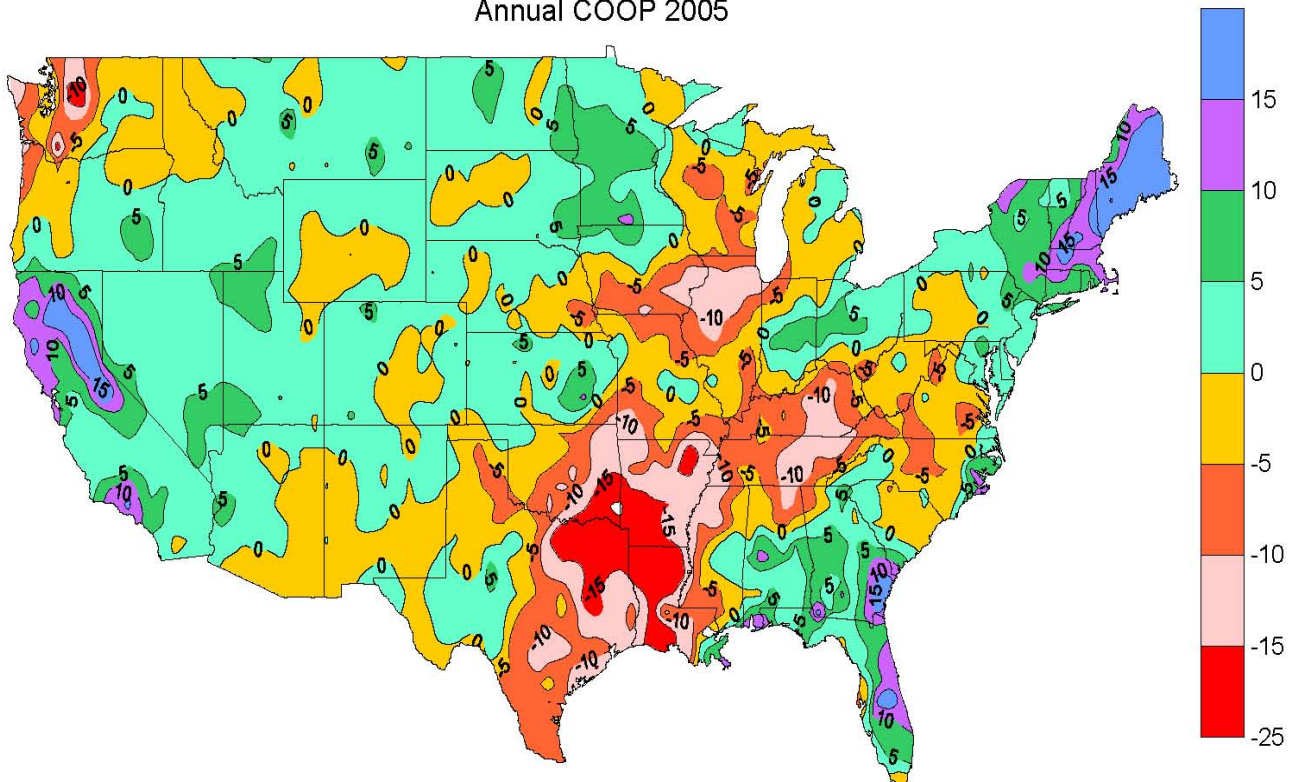
SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

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

Total Precipitation (Inches)
Annual COOP 2005



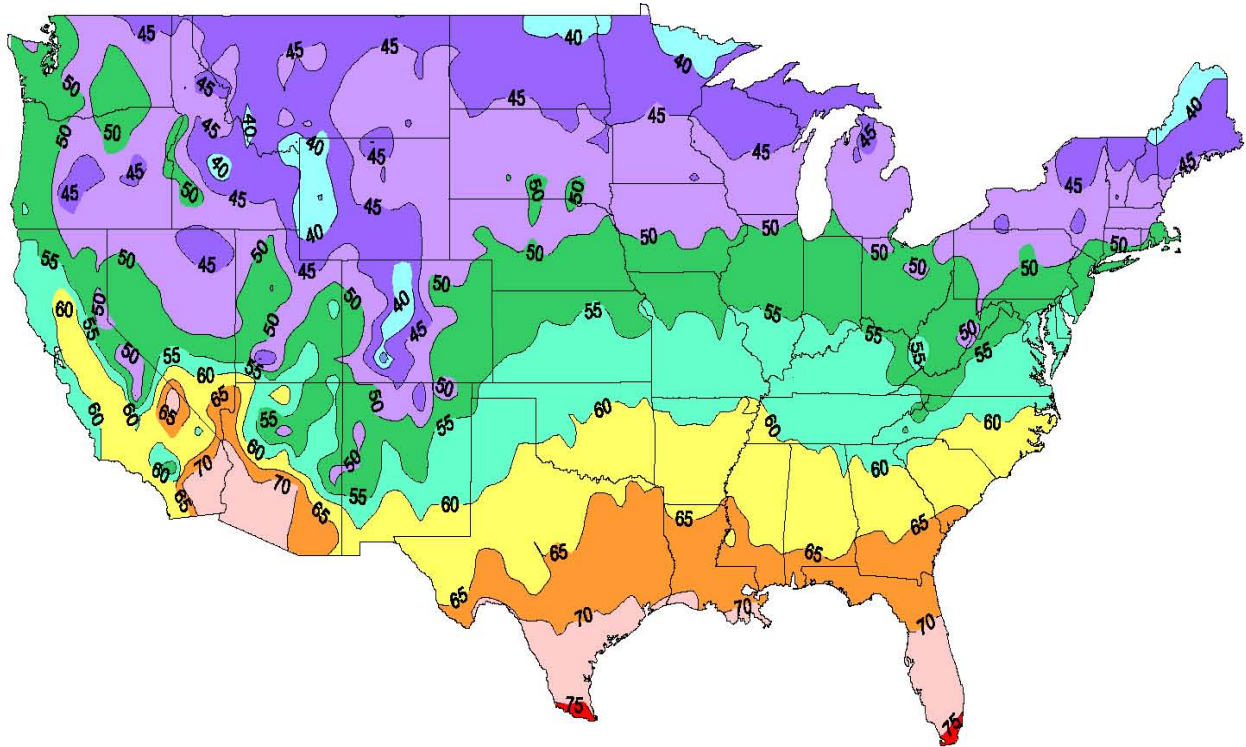
Departure from Normal (Inches)
Annual COOP 2005



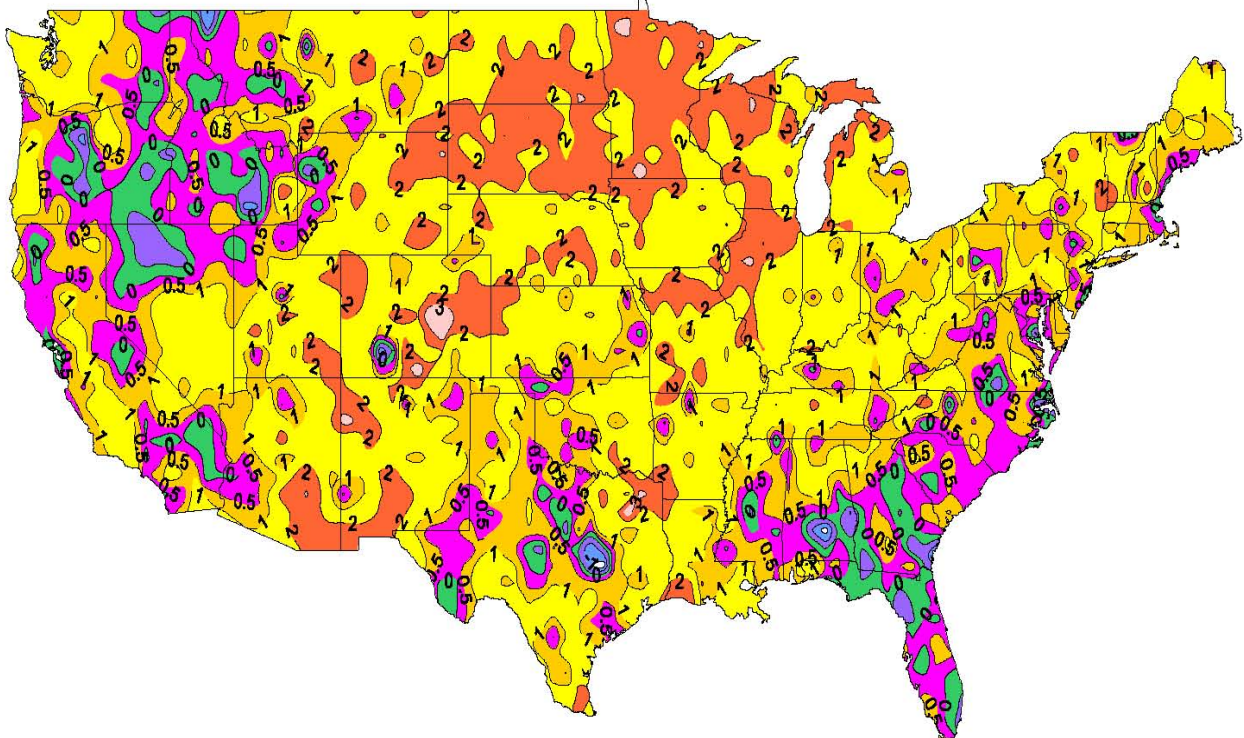
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

Average Temperature (Degrees F)
Annual COOP 2005

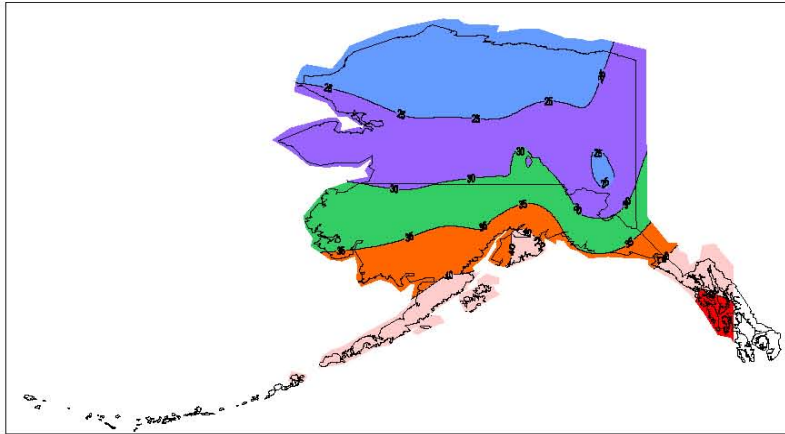


Departure of Average Temperature from Normal (Degrees F)
Annual COOP 2005

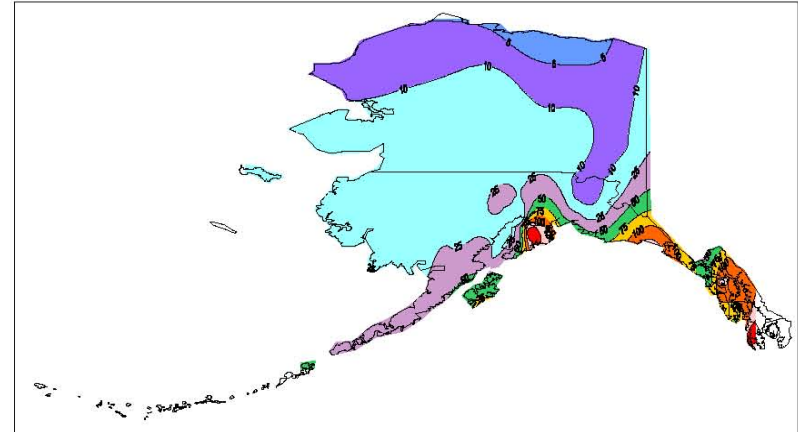


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

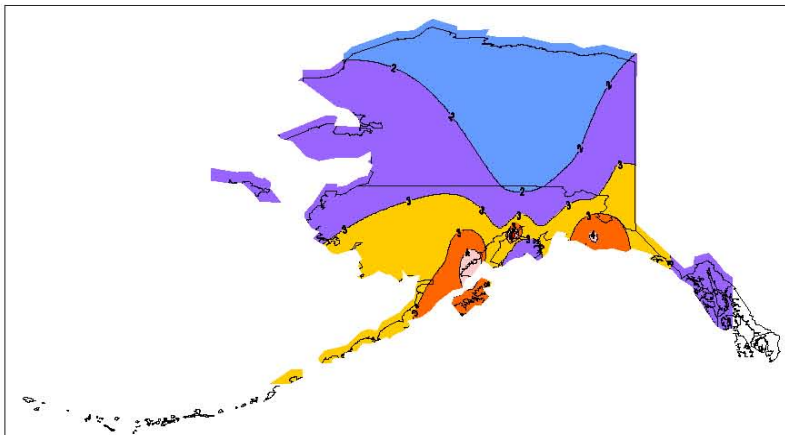
Average Temperature (Degrees F)
Annual COOP 2005



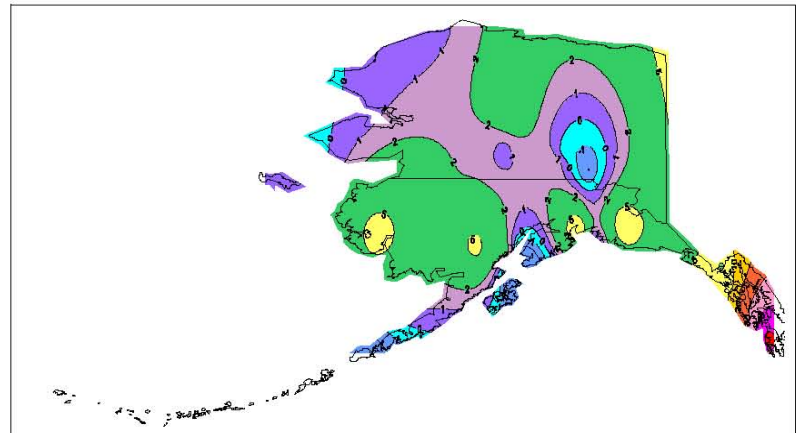
Alaska Precipitation (Inches)
Annual COOP 2005



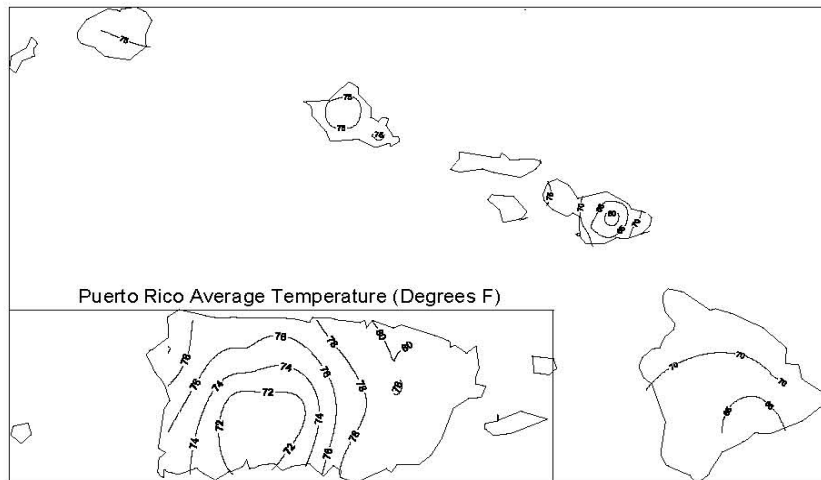
Departure of Average Temperature from Normal (Degrees F)
Annual COOP 2005



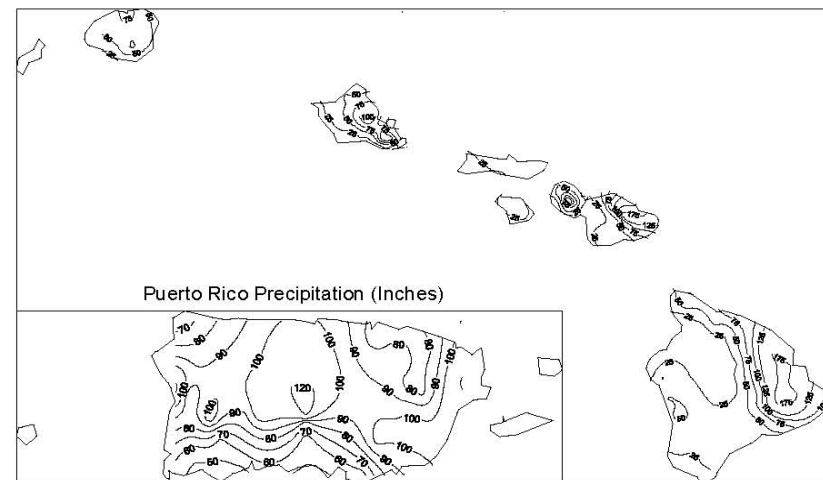
Departure from Normal Precipitation
Annual COOP 2005



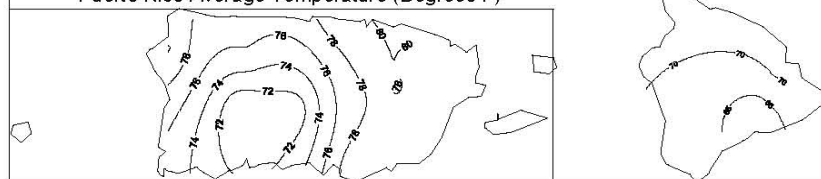
Hawaii Average Temperature (Degrees)
Annual COOP 2005



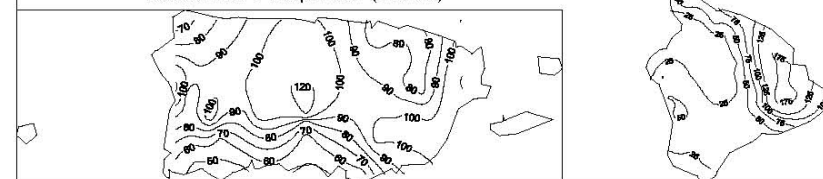
Hawaii Precipitation (Inches)
Annual COOP 2005



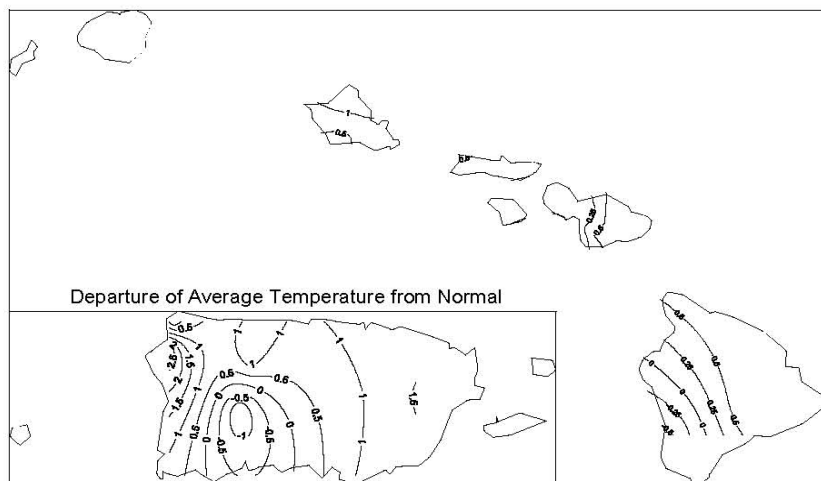
Puerto Rico Average Temperature (Degrees F)



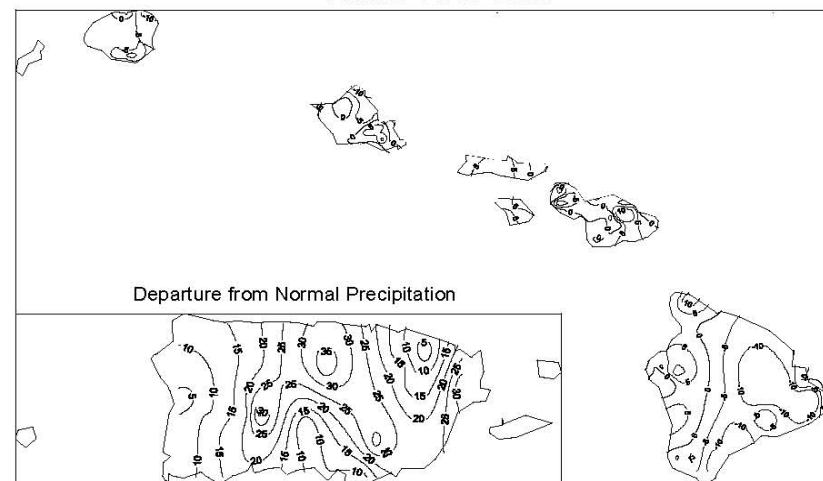
Puerto Rico Precipitation (Inches)



Departure of Average Temperature from Normal (Degrees)
Annual COOP 2005



Hawaii Departure from Normal Precipitation
Annual COOP 2005



07 - DELAWARE

STATION LEGEND
DATA PUBLISHED IN:

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

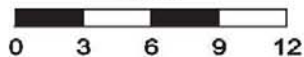
For further information, refer to the
station index and reference notes.

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

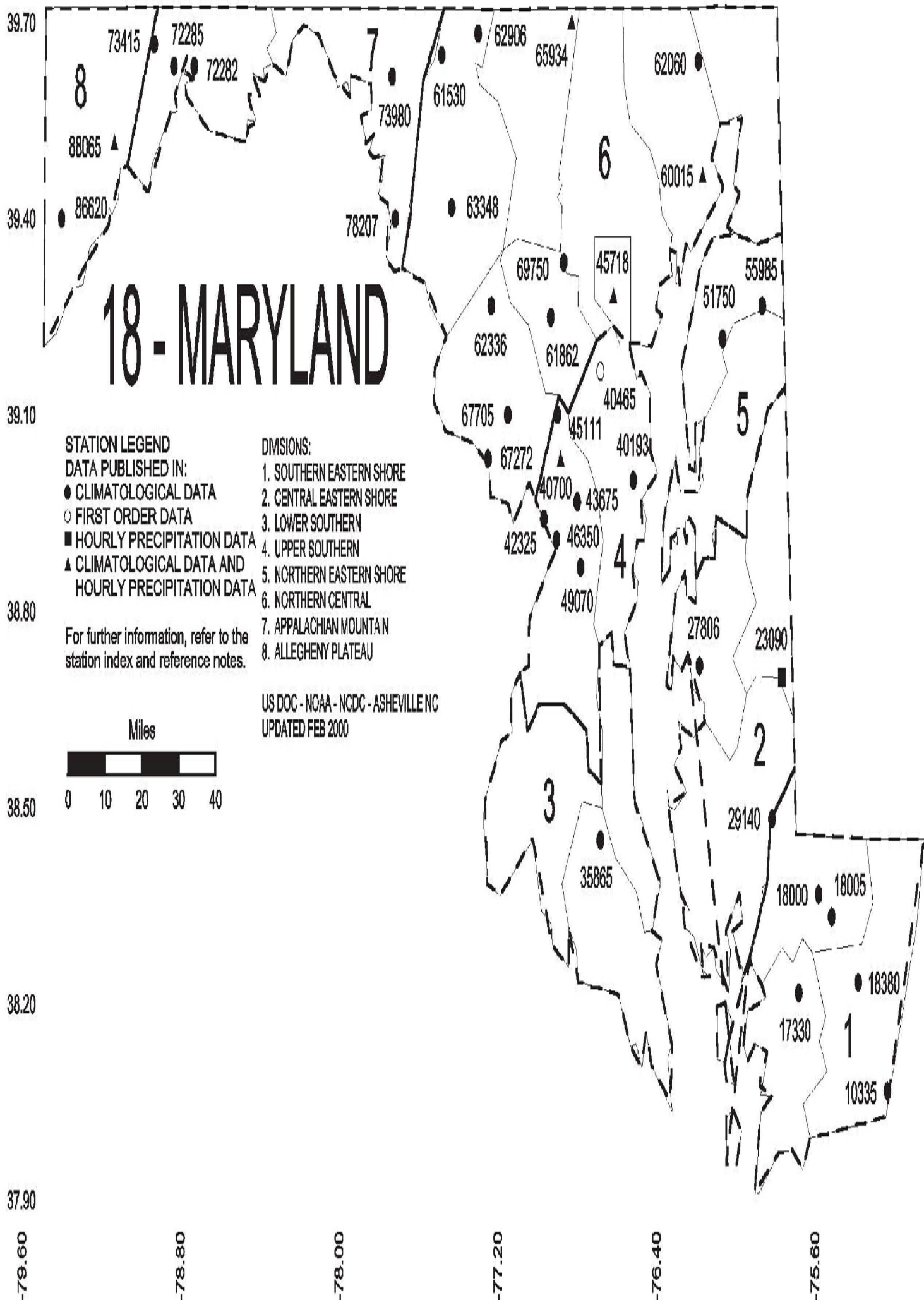
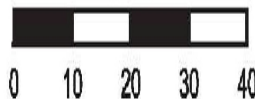
For further information, refer to the station index and reference notes.

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

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