



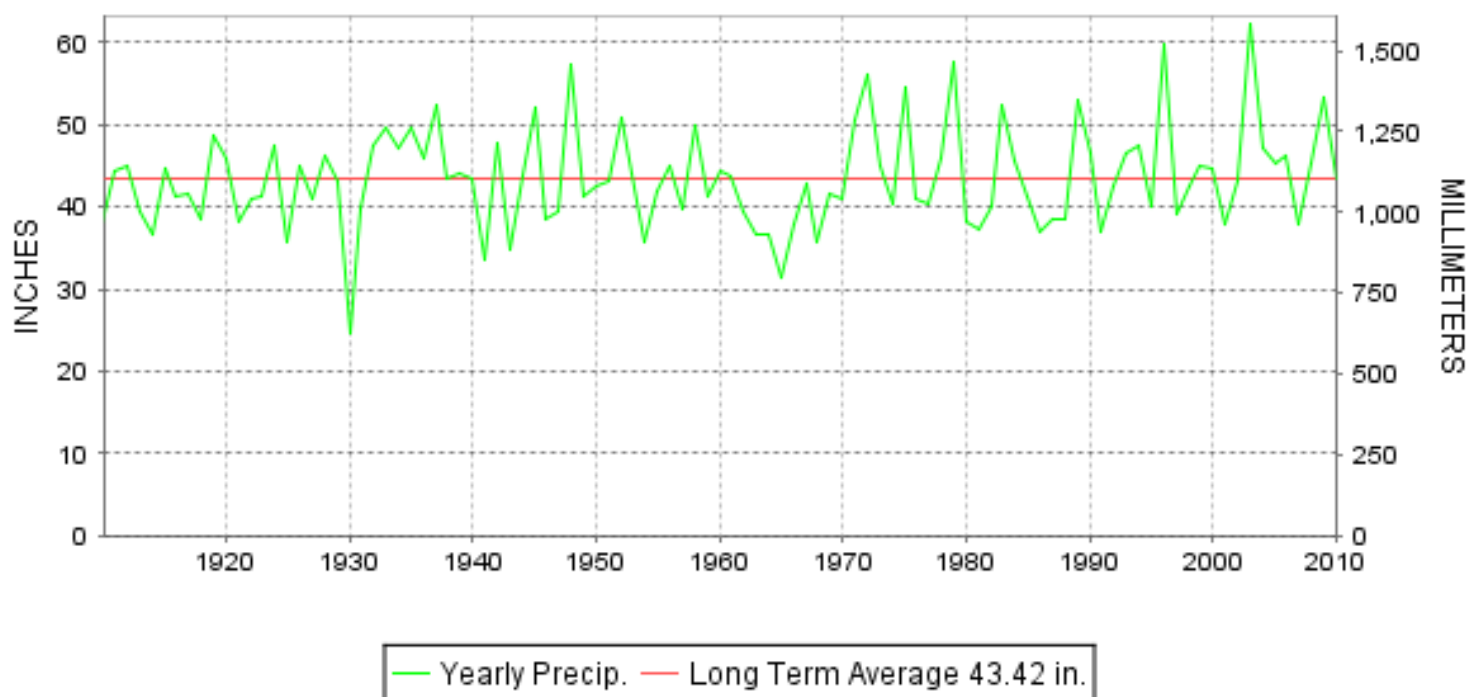
# CLIMATOLOGICAL DATA ANNUAL SUMMARY MARYLAND AND DELAWARE

2010

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## YEARLY TOTAL PRECIPITATION



MARYLAND AND DELAWARE PRECIPITATION 1910-2010

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# TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE  
2010

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	M 2.41		5.05	1.46	7.95	3.69	1.09	-2.16	2.06	-1.54	1.84	-1.01
PRINCESS ANNE	M 2.37		M 1.40		7.45	3.21	1.48	-1.75	2.65	-.76	1.71	-1.42
SALISBURY	4.17	.15	3.58	.13	6.61	2.06	1.33	-2.01	3.32	-.35	2.51	-1.11
SALISBURY FAA AP	4.34	.25	3.58	.02	6.61	1.99	1.33	-2.08	2.65	-1.22	1.54	-2.03
SNOW HILL 4 N	3.46	-.56	5.12	1.71	6.93	2.26	1.27	-1.97	1.79	-1.85	2.27	-1.16
--DIVISIONAL DATA----->	3.99	-.01	4.33	.91	7.11	2.63	1.30	-1.96	2.49	-1.13	1.97	-1.41
<b>CENTRAL EASTERN</b>												
<b>SHORE 02</b>												
ROYAL OAK 2 SSW	3.58	-.53	M 2.95		5.88	1.44	1.62	-1.88	M		2.42	-1.05
VIENNA	M		M .98		M		M		3.45	-.07	M	
--DIVISIONAL DATA----->	3.58	-.40			5.88	1.59	1.62	-1.77	3.45	-.46	2.42	-1.13
<b>LOWER SOUTHERN 03</b>												
MECHANICSVILLE 5 NE	2.50	-1.49	4.27	.90	4.91	.28	1.84	-1.65	2.36	-1.86	1.46	-2.81
SOLOMONS	2.99		3.43		5.16		M 1.97		M 2.68		M 1.87	
--DIVISIONAL DATA----->	2.75	-.97	3.85	.83	5.04	.73	1.84	-1.36	2.36	-1.78	1.46	-2.32
<b>UPPER SOUTHERN 04</b>												
BALTIMORE WASH INTL AP R	2.24	-1.23	4.15	1.13	5.53	1.60	2.20	-.80	3.49	-.40	1.55	-1.88
BELTSVILLE	1.49	-1.94	3.02	.33	3.99	.12	1.77	-1.56	2.93	-1.61	2.54	-1.05
DALECARLIA RSVR	1.85	-1.63	4.92	1.91	4.16	.03	1.44	-2.10	3.35	-1.07	1.61	-2.08
LAUREL 3 W	1.48	-2.04	M 3.74		4.78	.61	2.07	-1.54	3.12	-1.63	3.42	-.50
MD SCI CTR BALTIMORE R	2.05		3.59		4.92		2.68		2.45		.92	
NATL ARBORETUM DC	2.46	-1.11	3.62	.78	3.67	-.25	1.69	-1.57	2.62	-1.67	1.81	-1.82
OXON HILL	2.14		3.56		4.11		2.25		2.77		2.73	
UPPER MARLBORO 3 NNW	1.65	-1.84	3.31	.55	4.82	.92	1.65	-1.63	2.25	-2.06	2.11	-1.72
--DIVISIONAL DATA----->	1.92	-1.63	3.74	.82	4.50	.48	1.97	-1.37	2.87	-1.57	2.09	-1.57
<b>NORTHERN EASTERN</b>												
<b>SHORE 05</b>												
CHESTERTOWN	3.20	-.36	4.63	1.60	6.08	1.92	2.38	-.96	1.80	-2.29	.85	-3.41
--DIVISIONAL DATA----->	3.20	-.45	4.63	1.61	6.08	1.96	2.38	-1.01	1.80	-2.35	.85	-3.09
<b>NORTHERN CENTRAL 06</b>												
ABERDEEN PHILLIPS FLD	1.94	-1.47	2.94	.34	5.61	1.96	3.05	-.31	2.38	-2.03	1.44	-2.59
BRIGHTON DAM	2.10	-1.24	2.98	-.20	3.78	-.51	3.46	.15	2.91	-1.73	1.90	-2.02
CATOCTIN MTN PARK	4.08	.13	4.80	1.47	6.11	1.79	1.61	-2.35	M 4.39		1.62	-2.99
CONOWINGO DAM	M		2.96	.04	M		2.75	-.90	1.93	-2.65	1.25	-2.90
CYLBURN	M 2.58		M 5.26		5.19		3.77		3.34		.66	
DAMASCUS 3 SSW	M 2.20		5.15		3.83		2.60		4.04		2.00	
EMMITSBURG 2 SE	2.87	-.79	5.16	2.19	4.08	.13	2.14	-1.66	5.13	.61	1.56	-2.79
FREDERICK 2 NNE	M 2.49		M		4.54		3.58		3.87		1.01	
MILLERS 4 NE	2.85	-.79	4.01	1.11	3.57	-.20	1.97	-1.48	3.56	-.72	2.02	-1.60
POTOMAC FLTR PLT	2.71	-.26	3.65	1.07	2.44	-.99	2.07	-1.15	1.98	-1.79	1.85	-1.80
SMITHSBURG 2NW	.48		2.85		4.10		2.80		3.44		1.40	
--DIVISIONAL DATA----->	2.44	-1.16	3.98	1.06	4.63	.60	2.70	-.83	3.46	-1.16	1.44	-2.61

# TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE  
2010

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		5.54	1.36	3.58	-.12	4.44	1.14	.79	-2.37	1.73	-1.48		
PRINCESS ANNE	1.46	-2.81	5.18	.34	3.14	-.78	6.64	3.33	1.60	-1.56	2.08	-1.06	M 37.16	
SALISBURY	1.23	-3.31	6.30	1.58	3.26	-.73	6.48	3.05	1.25	-1.92	2.63	-.84	42.67	-3.30
SALISBURY FAA AP	.85	-3.69	5.01	.02	4.99	1.26	6.34	2.70	1.23	-2.07	1.30	-2.42	39.77	-7.27
SNOW HILL 4 N	1.28	-3.20	3.52	-1.88	3.40	-.35	5.21	1.79	1.00	-2.31	2.40	-1.01	37.65	-8.53
--DIVISIONAL DATA----->	1.21	-3.10	5.11	.37	3.67	-.09	5.82	2.45	1.17	-2.01	2.03	-1.37	40.20	-4.72
<b>CENTRAL EASTERN</b>														
<b>SHORE 02</b>														
ROYAL OAK 2 SSW	8.75	4.53	4.55	.45	4.69	.70	7.62	4.16	1.82	-1.61	M 2.74			
VIENNA	M		M		M		M		M		M			
--DIVISIONAL DATA----->	8.75	4.56	4.55	.29	4.69	.87	7.62	4.38	1.82	-1.47				
<b>LOWER SOUTHERN 03</b>														
MECHANICSVILLE 5 NE	1.79	-2.69	5.61	1.67	8.63	4.25	3.15	-.77	2.13	-1.30	3.36	-.04	42.01	-5.51
SOLOMONS	2.61		3.69		M 9.87		10.09		M 1.26		2.25		M	
--DIVISIONAL DATA----->	2.20	-2.02	4.65	.52	8.63	4.46	6.62	3.14	2.13	-1.14	2.81	-.50	44.34	-.41
<b>UPPER SOUTHERN 04</b>														
BALTIMORE WASH INTL AP R	4.36	.51	4.74	1.00	8.26	4.28	2.95	-.21	2.04	-1.08	1.96	-1.39	43.47	1.53
BELTSVILLE	4.08	-.01	6.65	2.96	4.09	-.26	5.01	1.45	2.36	-.96	1.56	-1.74	39.49	-4.27
DALECARLIA RSVR	6.40	2.14	7.06	3.08	3.25	-1.05	6.27	2.79	5.01	1.60	2.22	-1.19	47.54	2.43
LAUREL 3 W	3.00	-1.02	6.45	2.84	6.41	1.88	M		2.38	-1.60	1.92	-1.74		
MD SCI CTR BALTIMORE R	6.09		4.41		8.18		2.78		1.78		1.80		41.65	
NATL ARBORETUM DC	M 3.46		6.13	2.23	2.77	-1.31	6.70	3.27	2.13	-1.19	1.74	-1.51	M 38.80	
OXON HILL	5.64		4.39		2.89		6.84		2.18		2.10		41.60	
UPPER MARLBORO 3 NNW	4.09	-.02	5.61	1.71	4.63	.63	5.56	1.90	2.15	-1.10	2.08	-1.12	39.91	-3.78
--DIVISIONAL DATA----->	4.81	.67	5.68	1.73	5.06	.88	5.16	1.68	2.50	-.88	1.92	-1.47	42.22	-2.23
<b>NORTHERN EASTERN</b>														
<b>SHORE 05</b>														
CHESTERTOWN	6.64	2.70	5.20	1.44	6.14	1.84	M 7.61		2.32	-1.02	2.32	-1.37	M 49.17	
--DIVISIONAL DATA----->	6.64	2.59	5.20	1.34	6.14	1.86			2.32	-.95	2.32	-1.31		
<b>NORTHERN CENTRAL 06</b>														
ABERDEEN PHILLIPS FLD	5.41	1.20	5.44	1.37	5.25	.77	8.30	4.91	1.66	-1.54	2.79	-.62	46.21	1.99
BRIGHTON DAM	3.35	-.69	6.65	3.29	5.60	1.71	3.96	.35	2.35	-1.24	2.05	-1.46	41.09	-3.59
CATOCTIN MTN PARK	2.24	-1.58	M		4.00	-.91	2.59	-1.30	M		1.31	-2.13		
CONOWINGO DAM	6.91	2.71	1.86	-2.55	4.31	-.61	8.26	4.79	1.67	-2.09	M 3.71			
CYLBURN	7.74		3.46		4.69		6.39		2.25		M 2.38		M 47.71	
DAMASCUS 3 SSW	3.11		6.34		6.33		3.65		2.35		1.87		M 43.47	
EMMITSBURG 2 SE	1.86	-1.78	5.34	1.74	4.04	-.22	4.22	.74	2.56	-1.24	2.18	-1.13	41.14	-4.20
FREDERICK 2 NNE	2.59		3.78		4.34		4.55		2.32		2.08			
MILLERS 4 NE	4.64	1.07	4.93	1.22	5.86	1.72	3.91	.47	2.80	-.81	2.87	-.67	42.99	-.68
POTOMAC FLTR PLT	M		2.78	-.66	4.61	.57	3.26	.05	1.68	-1.71	M 1.37			
SMITHSBURG 2NW	1.38		1.35		4.26		5.52		2.58		1.23		31.39	
--DIVISIONAL DATA----->	3.99	.03	4.06	.22	4.79	.46	5.27	1.76	2.27	-1.35	2.05	-1.45	41.08	-4.43

# TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE  
2010

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
<b>APPALACHIAN MOUNTAIN 07</b>												
CUMBERLAND 2	2.75	-.14	3.31	.88	4.39	1.09	1.08	-2.08	6.18	2.21	1.45	-1.67
FROSTBURG 2	2.87	-.70	5.01	1.91	4.93	1.09	1.72	-2.25	7.39	2.63	5.15	1.31
SHARPSBURG 5 S	3.53		M 1.36		4.71		3.65		3.70		2.73	
WILLIAMSPORT	2.62		M 2.23		4.16		1.34		3.59		1.54	
--DIVISIONAL DATA----->	2.94	-1.16	4.16	1.54	4.55	1.13	1.95	-1.44	5.22	1.01	2.72	-.80
<b>ALLEGHENY PLATEAU 08</b>												
OAKLAND 1 SE	8.78	5.27	M 4.96		3.96	.01	2.47	-1.60	5.04	.20	6.26	1.66
SAVAGE RIVER DAM	2.78	-.11	3.90	1.43	M		1.46	-1.92	6.19	1.95	2.89	-.78
--DIVISIONAL DATA----->	5.78	2.23	3.90	.81	3.96	.09	1.97	-1.87	5.62	1.08	4.58	.37
<b>DELAWARE NORTHERN 01</b>												
BEAR 2 SW	2.90		5.63		5.83		2.91		2.19		1.15	
WILMINGTON NEW CASTLE R	2.52	-.91	5.87	3.06	5.37	1.40	2.43	-.96	2.32	-1.83	1.83	-1.76
WILMINGTON PORTER RES	2.49	-.98	6.25	3.20	6.24	2.43	2.70	-1.31	2.48	-1.85	1.40	-2.66
--DIVISIONAL DATA----->	2.64	-1.06	5.92	3.08	5.81	1.70	2.68	-.95	2.33	-2.09	1.46	-2.44
<b>SOUTHERN 02</b>												
DOVER	2.80	-1.14	3.83	.79	5.62	1.22	2.50	-.97	2.13	-2.16	1.41	-2.36
GREENWOOD 2NE	2.93	-.99	3.96	.78	6.71	2.04	1.49	-1.96	1.64	-2.67	3.37	-.19
LEWES	M		M		M		M		M		M	
--DIVISIONAL DATA----->	2.87	-1.12	3.90	.72	6.17	1.77	2.00	-1.47	1.89	-2.23	2.39	-1.02

# TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

MARYLAND AND DELAWARE  
2010

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
<b>APPALACHIAN MOUNTAIN 07</b>														
CUMBERLAND 2	2.75	-.67	2.21	-1.32	2.85	-.33	2.92	.23	3.02	.11	2.64	.03	35.55	-1.66
FROSTBURG 2	3.71	-.20	1.78	-2.04	3.08	-.54	3.52	.31	3.29	-.47	2.98	-.18	45.43	.87
SHARPSBURG 5 S	2.15		M 1.29		3.91		4.99		2.84		2.89		M 37.75	
WILLIAMSPORT	.93		1.41		3.00		1.85		3.27		3.07		M 29.01	
--DIVISIONAL DATA----->	2.39	-1.25	1.80	-1.65	3.21	-.28	3.32	.24	3.11	-.16	2.90	.03	38.27	-1.79
<b>ALLEGHENY PLATEAU 08</b>														
OAKLAND 1 SE	4.40	-.83	2.18	-1.97	2.48	-1.08	3.32	.20	4.48	.80	7.13	3.46	M 55.46	
SAVAGE RIVER DAM	2.28	-1.91	1.23	-2.14	2.56	-.92	2.33	-.48	3.19	.19	M 1.99			
--DIVISIONAL DATA----->	3.34	-1.53	1.71	-2.20	2.52	-1.08	2.83	-.20	3.84	.28	7.13	3.55	47.18	1.53
<b>DELAWARE NORTHERN 01</b>														
BEAR 2 SW	4.94		1.65		5.32		5.62		2.35		2.44		42.93	
WILMINGTON NEW CASTLE R	6.15	1.87	1.34	-2.17	5.95	1.94	5.48	2.40	2.29	-.90	2.41	-.99	43.96	1.15
WILMINGTON PORTER RES	9.66	5.27	1.61	-2.44	5.17	1.22	2.32	-.98	2.60	-1.20	M 2.36		M 45.28	
--DIVISIONAL DATA----->	6.92	2.42	1.53	-2.19	5.48	1.16	4.47	1.11	2.41	-.97	2.43	-1.19	44.08	-1.42
<b>SOUTHERN 02</b>														
DOVER	6.88	2.72	4.03	-.70	2.13	-2.43	7.60	4.34	3.25	.09	2.28	-1.22	44.46	-1.82
GREENWOOD 2NE	M		M											
LEWES	M		M		M		M		M		M			
--DIVISIONAL DATA----->	6.88	2.96	4.03	-.86	2.13	-2.02	7.60	4.22	3.25	-.04	2.28	-1.26	45.39	-.35

# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

MARYLAND AND DELAWARE  
2010

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	35.6	-7	35.9	-2.1	47.0	3.1	56.9	4.4	66.0	4.5	76.1	5.9	M		78.2	2.8	73.9	3.6	62.8	3.2	51.2	1.5	35.0	-5.9	M	
PRINCESS ANNE	M		M32.2	-6.3	M		M58.8	4.4	M		M77.2	5.3	M80.5	3.9	M		M72.7	4.1	M		M		M		M	
SALISBURY	35.9	-1.3	33.6	-5.7	50.4	3.4	61.0	5.1	69.2	4.4	79.3	6.4	82.3	4.8	78.9	2.9	73.6	3.6	61.9	2.8	49.9	-1	32.5	-8.7	59.0	1.5
SALISBURY FAA AP	33.5	-2.2	31.9	-6.0	48.0	2.5	57.6	3.3	66.2	2.8	77.3	5.1	80.0	2.7	77.1	1.6	70.9	1.8	58.9	1.3	47.9	-7	32.0	-8.0	56.8	.4
SNOW HILL 4 N	35.3	-1.7	32.7	-6.3	49.8	3.3	59.9	4.4	69.0	4.2	79.5	6.6	81.2	4.2	78.3	3.0	72.5	2.9	61.2	2.8	48.9	-5	32.7	-8.3	58.4	1.2
--DIVISIONAL DATA----->	35.1	-9	33.3	-4.5	48.8	3.5	58.8	4.7	67.6	4.4	77.9	6.1	81.0	4.3	78.1	2.8	72.7	3.4	61.2	2.9	49.5	.7	33.1	-7.2	58.1	1.7
<b>CENTRAL EASTERN</b>																										
<b>SHORE 02</b>																										
ROYAL OAK 2 SSW	35.1	-1.0	33.3	-5.2	50.3	3.6	60.9	4.8	M		79.6	5.4	81.9	3.3	79.3	2.4	73.1	2.4	60.3	.5	49.2	-9	33.8	-7.0	M	
VIENNA	M		33.3	-4.9	M		M	69.8	4.9	M		M		M		M		M		M		M		M		M
--DIVISIONAL DATA----->	35.1	.3	33.3	-3.6	50.3	5.0	60.9	6.4	69.8	5.5	79.6	6.7	81.9	4.2	79.3	3.4	73.1	3.9	60.3	2.1	49.2	1.1	33.8	-5.5	58.9	2.5
<b>LOWER SOUTHERN 03</b>																										
MECHANICSVILLE 5 NE	32.4	-2.5	30.7	-7.2	47.3	1.1	57.3	2.0	64.8	.9	75.9	3.9	78.0	1.4	75.5	.7	68.6	.3	56.6	-1	45.8	-2.1	31.3	-8.2	55.4	-8
SOLOMONS	34.6		33.7		48.0		59.8		68.6		79.8		82.5		79.7		75.1		61.7		50.2		33.9		59.0	
--DIVISIONAL DATA----->	33.5	-5	32.2	-4.7	47.7	2.5	58.6	4.4	66.7	3.3	77.9	6.2	80.3	4.0	77.6	2.9	71.9	3.8	59.2	2.3	48.0	.7	32.6	-6.2	57.2	1.6
<b>UPPER SOUTHERN 04</b>																										
BALTIMORE WASH INTL AP R	32.7	.4	30.9	-4.6	48.5	4.8	57.2	4.0	67.4	4.5	78.9	7.1	81.5	5.0	77.4	2.9	71.0	3.6	57.7	2.3	47.2	1.7	32.4	-4.3	56.9	2.3
BELTSVILLE	32.9	.3	30.8	-4.6	48.5	4.7	57.9	4.6	66.6	3.6	77.8	5.7	79.7	2.8	77.0	1.7	70.7	2.3	58.5	2.4	46.7	.0	32.4	-4.9	56.6	1.6
DALECARLIA RSVR	33.3	-7	31.8	-5.6	48.0	2.3	59.1	3.5	66.9	2.0	78.4	5.2	81.5	3.9	77.9	1.7	72.1	2.8	58.1	.8	45.9	-1.3	31.9	-6.3	57.1	.7
LAUREL 3 W	33.2	.1	31.5	-4.8	49.8	4.9	59.6	4.7	67.9	3.3	78.5	5.7	81.4	3.6	78.5	2.0	72.6	3.5	M		48.2	.7	31.8	-6.0	M	
MD SCI CTR BALTIMORE R	35.5		34.4		51.5		61.2		69.4		81.0		83.9		80.7		74.6		61.2		50.6		34.5		59.9	
NATL ARBORETUM DC	33.5	.0	32.6	-3.6	49.3	4.9	60.1	6.0	67.5	3.4	79.1	6.0	81.8	3.9	78.5	2.4	72.9	4.2	60.2	3.6	M48.9	2.0	33.5	-4.5	M58.2	2.4
OXON HILL	34.0		33.0		49.5		60.1		67.3		78.3		80.7		78.2		72.9		59.4		47.7		32.8		57.8	
UPPER MARLBORO 3 NNW	33.0	.5	31.4	-4.0	47.6	3.8	58.3	4.9	66.8	4.1	78.0	6.7	79.8	3.9	77.2	3.1	71.0	3.8	58.4	3.1	46.3	.0	32.1	-4.9	56.7	2.1
--DIVISIONAL DATA----->	33.5	.2	32.1	-4.2	49.1	4.6	59.2	5.1	67.5	3.9	78.8	6.5	81.3	4.2	78.2	2.8	72.2	3.9	59.1	2.7	47.7	1.0	32.7	-4.9	57.6	2.2
<b>NORTHERN EASTERN</b>																										
<b>SHORE 05</b>																										
CHESTERTOWN	32.9	-3	30.9	-5.0	47.8	3.4	56.7	2.6	65.6	1.7	76.8	4.1	79.2	1.8	76.6	.8	70.8	2.0	57.8	.6	47.0	-1	32.1	-5.5	56.2	.5
--DIVISIONAL DATA----->	32.9	.2	30.9	-4.4	47.8	4.0	56.7	3.4	65.6	2.6	76.8	5.1	79.2	2.6	76.6	1.7	70.8	3.0	57.8	1.3	47.0	.5	32.1	-5.2	56.2	1.2
<b>NORTHERN CENTRAL 06</b>																										
ABERDEEN PHILLIPS FLD	32.7	-9	30.9	-5.9	47.3	2.5	56.9	2.3	65.1	1.2	76.6	4.4	79.5	2.5	76.5	1.1	69.7	.8	57.5	.2	46.7	-9	32.4	-5.9	56.0	.1
CATOCTIN MTN PARK	28.5	-5	28.2	-4.0	46.2	5.3	59.0	7.1	64.2	2.6	72.2	3.0	M76.6	3.5	M		67.3	2.2	M		M		28.7	-5.1	M	
CONOWINGO DAM	M		31.3	-2.4	M		M55.1	2.7	65.0	2.4	77.1	5.6	80.1	3.9	77.5	2.7	70.8	3.1	57.2	1.6	45.9	1.0	31.5	-4.3	M	
CYLBURN	M		M		M		M		M		M		76.7		73.7		68.4		56.2		44.7		30.6		M	
DAMASCUS 3 SSW	31.2		30.7		48.1		57.8		65.4		74.5		78.4		75.5		69.7		56.9		45.6		29.7		55.3	
EMMITSBURG 2 SE	31.1	.1	28.7	-5.4	46.2	3.2	55.5	2.7	63.3	1.1	73.2	2.7	77.0	2.0	74.4	1.1	67.4	1.0	55.4	.5	43.5	-1.3	30.2	-5.7	53.8	.2
FREDERICK 2 NNE	31.8		M		47.0		56.9		65.4		76.4		80.2		77.0		70.0		57.6		44.3		31.0		M	
MILLERS 4 NE	30.6	.2	28.9	-4.5	46.3	4.6	55.9	4.1	64.4	3.1	72.8	3.1	76.6	2.7	74.0	1.5	68.8	3.2	56.4	1.4	44.8	.0	29.3	-6.1	54.1	1.1
SMITHSBURG 2NW	M		25.4		44.2		53.5		63.3		72.7		76.1		73.1		66.5		55.0		41.5		M26.7		M	

# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

MARYLAND AND DELAWARE  
2010

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.
--DIVISIONAL DATA-----> APPALACHIAN MOUNTAIN 07	31.0	-2	29.2	-4.8	46.5	3.8	56.3	4.0	64.5	2.2	74.4	3.7	77.9	2.6	75.2	1.7	68.7	2.1	56.5	1.2	44.6	-3	30.0	-5.8	54.6	.9
CUMBERLAND 2	31.5	1.2	30.8	-3.1	48.7	6.0	59.1	6.2	66.7	4.5	75.6	5.4	79.3	4.8	77.4	4.5	70.6	4.8	58.1	4.2	44.8	1.2	29.2	-5.0	56.0	2.9
FROSTBURG 2	22.9	-1.6	22.8	-4.5	39.9	4.6	52.6	6.7	58.9	2.7	68.4	4.2	71.3	2.8	69.5	2.3	63.5	3.2	51.8	2.5	39.3	.2	21.7	-7.8	48.6	1.3
SHARPSBURG 5 S	M		M		45.1		54.8		63.3		72.7		76.5		75.3		68.0		55.2		42.3		28.7		M	
WILLIAMSPORT	30.6		29.2		46.0		55.3		63.8		M74.0		78.4		76.2		69.5		M55.4		42.8		28.7		M54.2	
--DIVISIONAL DATA-----> ALLEGHENY PLATEAU 08	28.3	-7	27.6	-4.5	44.9	4.2	55.5	4.8	63.2	2.9	72.7	4.2	76.4	3.6	74.6	3.4	67.9	3.8	55.1	2.4	42.3	-4	27.1	-6.4	53.0	1.4
OAKLAND 1 SE	21.9	-4.9	21.9	-7.4	37.7	-2	50.0	2.5	58.6	1.9	68.1	3.8	70.5	2.1	68.3	1.2	61.3	.5	49.4	-6	38.0	-2.0	20.7	-10.6	47.2	-1.1
SAVAGE RIVER DAM	25.6	-6	24.3	-4.3	M		52.8	5.4	59.4	2.1	69.9	4.4	72.4	2.7	70.9	2.6	63.4	1.9	52.2	2.2	40.1	-3	24.8	-6.2	M	
--DIVISIONAL DATA----->	23.8	-2.0	23.1	-5.4	37.7	.7	51.4	4.4	59.0	2.5	69.0	4.6	71.5	2.9	69.6	2.5	62.4	1.9	50.8	1.6	39.1	-5	22.8	-7.6	48.4	.5
DELAWARE NORTHERN 01																										
BEAR 2 SW	31.8		30.9		47.1		55.4		64.7		76.2		78.8		76.3		70.0		56.3		46.1		31.7		55.4	
WILMINGTON NEW CASTLE R	32.4	.9	30.9	-3.3	47.9	5.2	56.3	3.9	65.6	3.1	76.7	5.2	79.6	3.0	77.0	2.0	70.8	3.1	57.2	1.4	46.5	.6	31.6	-4.8	56.0	1.7
WILMINGTON PORTER RES	31.0	.9	30.8	-1.9	48.4	6.6	56.7	5.2	65.6	3.7	76.1	5.3	79.6	4.4	76.7	2.9	70.9	4.1	56.7	1.1	46.5	.8	30.7	-4.6	55.8	2.4
--DIVISIONAL DATA-----> SOUTHERN 02	31.7	.0	30.9	-3.4	47.8	5.1	56.1	3.7	65.3	2.7	76.3	4.9	79.3	3.1	76.7	2.2	70.6	3.2	56.7	.9	46.4	.6	31.3	-5.3	55.8	1.5
DOVER	34.5	-8	31.9	-5.8	49.0	3.6	58.9	4.3	67.9	3.6	78.8	5.9	81.1	3.3	77.8	1.6	73.1	3.2	60.2	1.4	47.7	-1.5	32.4	-7.5	57.8	.9
GREENWOOD 2NE	32.1	-1.0	29.6	-4.7	46.8	3.5	57.2	5.0	64.8	3.0	76.6	5.9	M		M		M									
LEWES	M		M		M		M		M		M		M		M		M		M		M		M		M	
--DIVISIONAL DATA----->	33.3	-1.3	30.8	-5.6	47.9	3.5	58.1	4.9	66.4	3.5	77.7	6.0	81.1	4.6	77.8	3.0	73.1	4.8	60.2	2.9	47.7	.0	32.4	-6.6	57.2	1.6

# TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND DELAWARE  
2010

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 PRINCESS ANNE SALISBURY SALISBURY FAA AP SNOW HILL 4 N CENTRAL EASTERN SHORE 02 ROYAL OAK 2 SSW VIENNA LOWER SOUTHERN 03 MECHANICSVILLE 5 NE SOLOMONS UPPER SOUTHERN 04 BALTIMORE WASH INTL AP R BELTSVILLE DALECARLIA RSVR LAUREL 3 W MD SCI CTR BALTIMORE R NATL ARBORETUM DC OXON HILL UPPER MARLBORO 3 NNW NORTHERN EASTERN SHORE 05 CHESTERTOWN NORTHERN CENTRAL 06 ABERDEEN PHILLIPS FLD CATOCTIN MTN PARK CONOWINGO DAM CYLBURN DAMASCUS 3 SSW EMMITSBURG 2 SE FREDERICK 2 NNE MILLERS 4 NE SMITHSBURG 2NW APPALACHIAN MOUNTAIN 07 CUMBERLAND 2 FROSTBURG 2	100 102 103  98 101 105 100 102  105 101 101 102  102 101 104 99 99 101 98 99  102 92	7/24 7/6 7/24  7/26 7/26 7/6 7/25 7/8  7/6 7/25 7/7  7/6 7/7 7/7 7/24 7/25 7/25 7/6 7/26  9/2 7/9	11 1 4  8 15 8 6 13  16 10 14  10 11 14 6 5 10  7 1	12/10 2/1 2/1 2/1  2/15 2/15 2/15  2/8 1/31 1/31 1/31  2/7 2/1 2/7 2/1  2/15 2/15 2/15 2/8 2/16 MSG 2/15 2/16 2/15 2/16 2/15 2/16 2/15 2/16 2/15 2/16 2/15 2/26 1/4	NONE MSG 2/10 2/15 2/15  2/16 2/1 2/15 2/9 1/31 2/7 1/31 2/15 2/																								



# TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND DELAWARE  
2010

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.					
SHARPSBURG 5 S	100	7/25			MSG		MSG		3/28	23	3/28	23	5/11	31	10/30	30	11/ 2	25	11/28	23	12/ 4	20	12/ 8	16					
WILLIAMSPORT	101	7/24	2	2/ 8	2/16	9	2/16	9	3/ 7	24	3/28	26	3/28	26	10/30	30	11/ 2	28	11/ 3	24	11/29	20	11/30	16	287	286	245	219	172
ALLEGHENY PLATEAU 08																													
OAKLAND 1 SE	90	7/ 8	-7	1/31	3/10	14	3/10	14	3/27	21	5/10	26	5/11	32	10/ 2	32	10/20	28	11/ 1	21	11/ 7	20	11/28	12	263	242	219	163	144
SAVAGE RIVER DAM	99	7/25			MSG		MSG		MSG		MSG		5/12	30	10/20	32	11/ 1	28	11/28	19	11/28	19	12/10	15					161
DELAWARE																													
NORTHERN 01																													
BEAR 2 SW	103	7/ 7	10	2/ 8	2/15	14	2/15	14	2/21	22	3/28	27	4/28	32	11/ 1	31	11/ 2	27	11/29	22	12/ 9	17	12/16	15	304	297	281	219	187
WILMINGTON NEW CASTLE R	103	7/ 7	11	2/ 7	2/ 9	15	2/12	20	2/17	24	3/27	27	3/27	27	11/ 2	29	11/ 3	28	12/ 8	23	12/10	19	12/17	15	311	301	294	221	220
WILMINGTON PORTER RES	101	7/ 6	13	2/ 2	2/12	15	2/12	15	2/28	24	2/28	24	3/27	30	11/27	30	12/ 4	28	12/ 8	22	12/13	19	12/14	16	305	304	283	279	245
SOUTHERN 02																													
DOVER	101	7/ 7	11	2/ 7	2/ 8	16	2/15	20	2/15	20	3/ 6	26	3/28	30	11/ 1	32	11/29	23	11/29	23	12/ 9	19	12/17	16	312	297	287	268	218
GREENWOOD 2NE					2/16	13	2/16	13	2/17	24	3/ 9	28	3/28	29	MSG		MSG		MSG		MSG		MSG						
LEWES					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						

# MONTHLY AND SEASONAL COOLING DEGREE DAYS

## BASE = 65 DEGREES FAHENHEIT

MARYLAND AND DELAWARE  
2010

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
<b>MARYLAND</b>														
<b>SOUTHERN EASTERN</b>														
<b>SHORE 01</b>														
ASSATEAGUE	0	0	0	12	101	340	-	415	274	44	0	0	-	1066
PRINCESS ANNE	-	B 0	-	B 39	-	B 374	B 489	-	B 244	-	-	-	-	1092
SALISBURY	0	0	0	46	173	439	541	437	266	51	0	0	1953	1246
SALISBURY FAA AP	0	0	0	33	120	376	470	384	191	36	0	0	1610	1155
SNOW HILL 4 N	0	0	0	48	180	442	509	418	236	57	0	0	1890	1194
<b>CENTRAL EASTERN</b>														
<b>SHORE 02</b>														
ROYAL OAK 2 SSW	0	0	0	41	-	444	533	452	249	35	0	0	-	1392
VIENNA	-	0	-	-	188	-	-	-	-	-	-	-	-	1274
<b>LOWER SOUTHERN 03</b>														
MECHANICSVILLE 5 NE	0	0	0	32	91	333	409	332	138	15	0	0	1350	1093
SOLOMONS	0	0	0	37	165	449	550	460	309	46	0	0	2016	
<b>UPPER SOUTHERN 04</b>														
BALTIMORE WASH INTL AP R	0	0	0	33	160	421	520	393	196	19	0	0	1742	1147
BELTSVILLE	0	0	0	35	139	391	463	377	185	22	0	0	1612	1109
DALECARLIA RSVR	0	0	0	36	146	408	516	406	221	19	0	0	1752	1258
LAUREL 3 W	0	0	0	47	180	410	513	428	237	-	0	0	-	1271
MD SCI CTR BALTIMORE R	0	0	0	58	207	489	595	494	298	39	0	0	2180	
NATL ARBORETUM DC	0	0	2	41	153	431	528	429	246	32	B 0	0	B1862	1243
OXON HILL	0	0	0	41	151	407	495	416	247	28	0	0	1785	
UPPER MARLBORO 3 NNW	0	0	0	38	143	393	467	387	197	25	0	0	1650	1002
<b>NORTHERN EASTERN</b>														
<b>SHORE 05</b>														
CHESTERTOWN	0	0	0	21	119	366	444	366	193	17	0	0	1526	1183
<b>NORTHERN CENTRAL 06</b>														
ABERDEEN PHILLIPS FLD	0	0	0	25	114	353	457	362	163	17	0	0	1491	1153
CATOCTIN MTN PARK	0	0	0	49	98	233	B 370	-	119	-	-	0	-	733
CONOWINGO DAM	-	0	-	B 15	99	370	476	395	189	7	0	0	-	1068
CYLBURN	-	-	-	-	-	-	369	276	139	8	0	0	-	
DAMASCUS 3 SSW	0	0	0	38	132	294	420	331	171	13	0	0	1399	
EMMITSBURG 2 SE	0	0	0	19	84	261	377	297	121	10	0	0	1169	918
FREDERICK 2 NNE	0	-	0	23	125	350	477	377	169	14	0	0	-	
MILLERS 4 NE	0	0	0	28	109	249	367	284	145	7	0	0	1189	790
SMITHSBURG 2NW	-	0	0	19	82	243	360	262	110	5	0	B 0	-	
<b>APPALACHIAN</b>														
<b>MOUNTAIN 07</b>														
CUMBERLAND 2	0	0	1	42	138	327	449	389	193	14	0	0	1553	877
FROSTBURG 2	0	0	0	12	27	141	223	159	77	0	0	0	639	344
SHARPSBURG 5 S	-	-	0	17	84	247	367	325	134	4	0	0	-	
WILLIAMSPORT	0	0	0	18	85	B 284	423	355	156	B 1	0	0	B1322	
<b>ALLEGHENY PLATEAU 08</b>														
OAKLAND 1 SE	0	0	0	4	18	129	204	129	43	0	0	0	527	316
SAVAGE RIVER DAM	0	0	-	5	30	168	252	195	71	0	0	0	-	414
<b>DELAWARE</b>														
<b>NORTHERN 01</b>														
BEAR 2 SW	0	0	0	21	105	350	433	358	169	12	0	0	1448	
WILMINGTON NEW CASTLE R	0	0	0	20	122	360	462	378	190	11	0	0	1543	1125
WILMINGTON PORTER RES	0	0	0	23	120	339	461	365	187	7	0	0	1502	930
<b>SOUTHERN 02</b>														

MARYLAND AND DELAWARE  
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## 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 1675	B 1641	B 1415	1444	1189	1246	1602	-	-	-
	EVAP	-	-	-	B 5.21	B 5.93	B 7.59	8.25	6.13	5.54	3.71	-	-	-
	MAX TEMP	-	-	-	M 69.1	M 76.2	M 85.5	M 93.6	M 95.2	M 92.6	M 88.6	M -	-	M -
	MIN TEMP	-	-	-	M 43.3	M 52.9	M 62.6	M 70.6	M 75.8	M 73.6	M 70.7	M -	-	M -
UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	B 5.14	B 6.13	-	B 7.86	B 5.41	B 4.95 B	3.21	B 2.37	-	-
	MAX TEMP	-	-	-	77.7	84.8	96.2	97.6	93.7	87.1	70.8	57.8	41.8	M -
	MIN TEMP	-	-	-	46.8	57.4	66.7	70.6	70.0	61.0	50.5	39.4	32.0	M -
<b>ALLEGHENY PLATEAU 08</b> SAVAGE RIVER DAM	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	86	86	0			C H
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	44	44	0			H
BALTIMORE WASH INTL AP R	0465	04	ANNE ARUNDEL	39 10	76 41W	156	77	77	0			CHJ
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 56W	145	73	73	70			C H
BRIGHTON DAM	1125	06	MONTGOMERY	39 11	77 0W	330	7	56	0			H
CATOCTIN MTN PARK	1530	06	FREDERICK	39 39	77 29W	1610	45	45	0			H
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	106	106	0			H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	76	76	0			H
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	39	39	0			H
CYLBURN	2308	06	BALTIMORE	39 22	76 38W	400	8	8	0			H
DALECARLIA RSVR	2325	04	PRINCE GEORG	38 56	77 7W	150	66	66	0			H
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	18	18	0			H
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 17W	403	56	56	0			H
FREDERICK 2 NNE	3353	06	FREDERICK	39 26	77 24W	280	7	7	0			H
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	40	40	0			H
LAUREL 3 W	5111	04	PRINCE GEORG	39 5	76 54W	400	118	121	0			H
MD SCI CTR BALTIMORE R	5718	04	BALTIMORE (C	39 17	76 37W	20	12	12	0			C H
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 28	76 42W	100	50	50	0			H
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	25	25	0			C H
NATL ARBORETUM DC	6350	04	PRINCE GEORG	38 55	76 58W	50	64	64	0			H
OAKLAND 1 SE	6620	08	GARRETT	39 25	79 24W	2420	114	114	0			H
OXON HILL	6800	04	PRINCE GEORG	38 48	77 0W	120	10	10	0			H
POTOMAC FLTR PLT	7272	06	MONTGOMERY	39 2	77 15W	270	0	50	0			H
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	63	63	0			H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	64	64	0			H
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	105	105	0			H
SALISBURY FAA AP	8005	01	WICOMICO	38 20	75 31W	48	64	64	0			H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	61	64	61			C H
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	13	13	0			H
SMITHSBURG 2NW	8371	06	WASHINGTON	39 40	77 35W	670	9	10	0			H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	96	96	0			H
SOLOMONS	8405	03	CALVERT	38 19	76 27W	12	102	102	0			H
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	54	54	54			H
VIENNA	9140	02	DORCHESTER	38 29	75 49W	10	63	63	0			H
WILLIAMSPORT	9570	07	WASHINGTON	39 36	77 50W	360	12	51	0			H
<b>DELAWARE</b>												
BEAR 2 SW	1200	01	NEW CASTLE	39 36	75 44W	80	8	8	0			H
DOVER	2730	02	KENT	39 16	75 31W	30	124	123	0			H
GREENWOOD 2NE	3595	02	SUSSEX	38 49	75 35W	45	27	27	0		AUG	H
LEWES	5320	02	SUSSEX	38 47	75 8W	15	68	68	0			H
WILMINGTON NEW CASTLE R	9595	01	NEW CASTLE	39 40	75 36W	79	64	64	0			CHJ
WILMINGTON PORTER RES	9605	01	NEW CASTLE	39 46	75 32W	270	100	100	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.

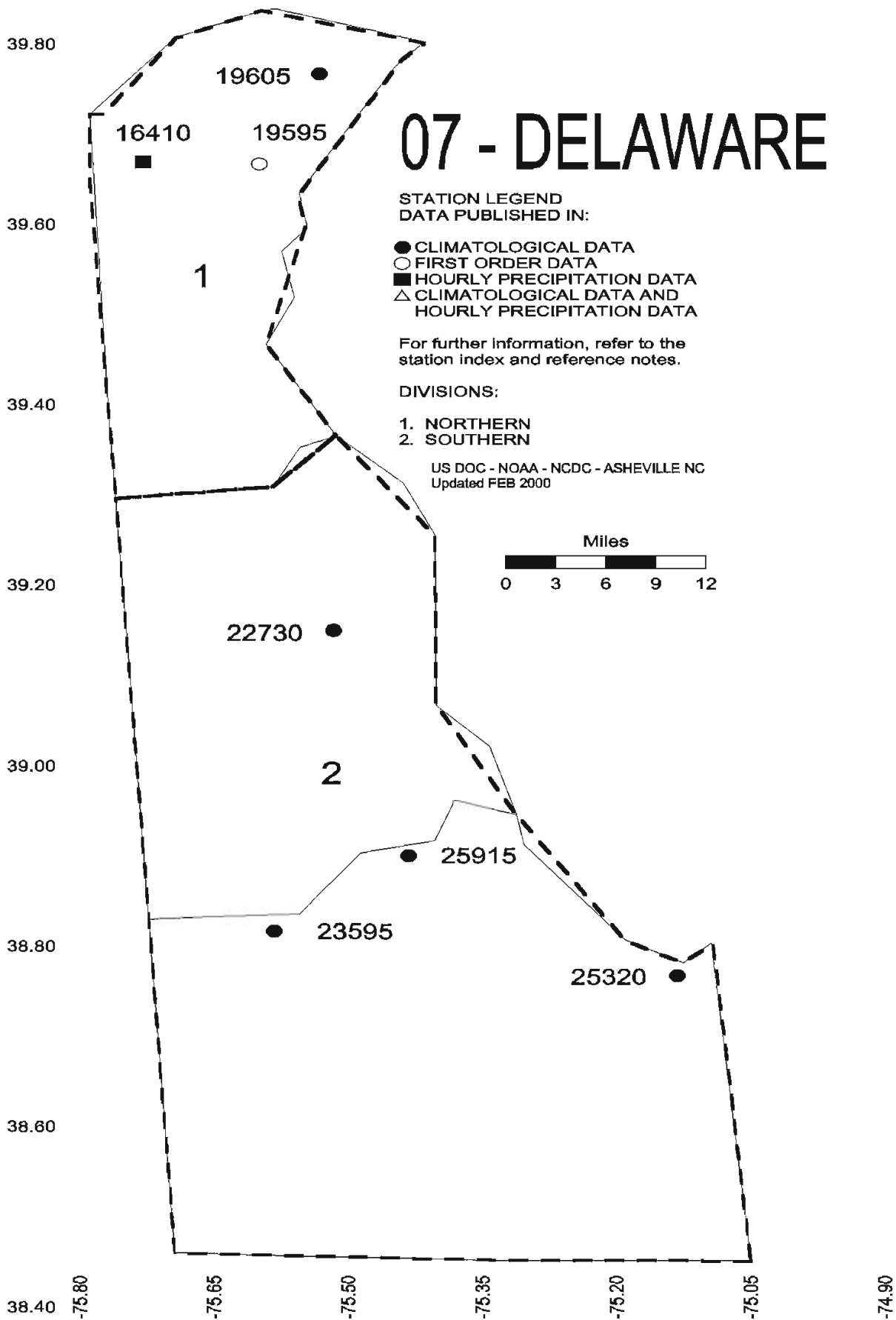
Additional information regarding the climate of this state may be obtained by writing to the address below or to any weather service office near you. The contents of this publication may be reprinted or otherwise used freely with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

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## ERRATA

**PLEASE NOTE:** The printed versions of the 2010 Annual Climatological Data (CD) Publications were published with an incorrect Cover Graph for 2010's Yearly Total Precipitation. Correction to the Cover Graphs for 2010's Yearly Total Precipitation are included in the online versions of the 2010 Annual CD Publications.



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## 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:

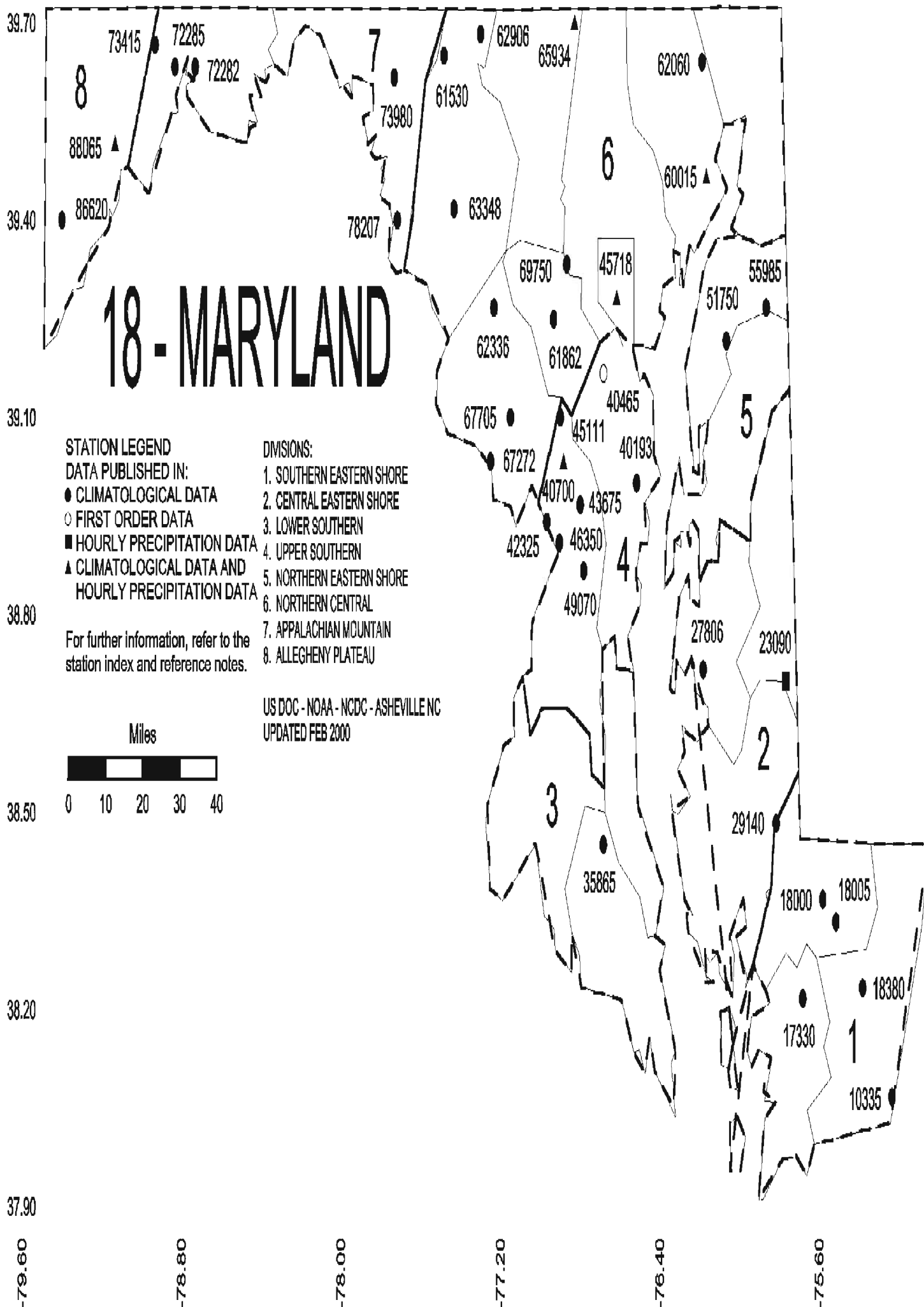
1. SOUTHERN EASTERN SHORE
2. CENTRAL EASTERN SHORE
3. LOWER SOUTHERN
4. UPPER SOUTHERN
5. NORTHERN EASTERN SHORE
6. NORTHERN CENTRAL
7. APPALACHIAN MOUNTAIN
8. ALLEGHENY PLATEAU

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

Miles



0 10 20 30 40





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

### **Hourly Precipitation Data**

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

### **Climatological Data**

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

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

### **Storm Data**

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

### **Monthly Climatic Data for the World**

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

### **Local Climatological Data**

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

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