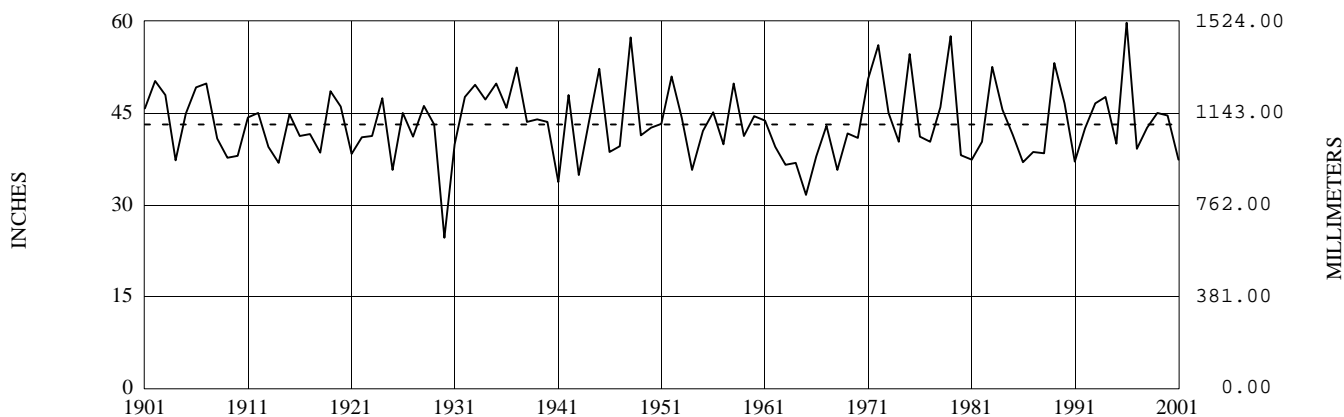


CLIMATOLOGICAL DATA ANNUAL SUMMARY

MARYLAND AND
DELAWARE
2001

VOLUME 125 NUMBER 13

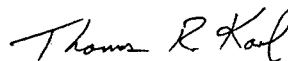
ISSN 0145-0549



----- Long-Term Average 43.10 inches

MARYLAND AND DELAWARE PRECIPITATION, 1901-2001

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TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
MARYLAND												
SOUTHERN EASTERN SHORE 01												
ASSATEAGUE	2.01		2.78		M 4.82		2.79		2.63		2.82	
PRINCESS ANNE	2.42	-.99	M 2.23		5.74	1.90	3.08	-.19	4.22	.87	M 1.84	
SALISBURY	2.92	-.84	2.50	-.97	7.02	2.78	2.10	-1.20	4.41	.91	3.59	-.06
SALISBURY POLICE BRKS												
SALISBURY FAA ARPT	3.14	-.50	2.62	-.84	6.36	2.20	2.33	-.87	4.48	.84	4.18	.55
SNOW HILL 4 N	2.15	-1.65	2.72	-.89	5.62	1.32	3.02	-.19	2.86	-.66	5.13	1.70
--DIVISIONAL DATA----->	2.53	-1.11	2.66	-.77	6.19	2.07	2.66	-.51	3.72	.26	3.93	.54
CENTRAL EASTERN SHORE 02												
ROYAL OAK 2 SSW	3.18	-.39	2.67	-.63	5.60	1.80	1.84	-1.58	4.61	.38	5.24	1.63
VIENNA	3.83	.17	M 1.40		5.54	1.77	1.24	-2.15	5.72	2.21	6.20	2.40
--DIVISIONAL DATA----->	3.51	-.07	2.67	-.59	5.57	1.83	1.54	-1.81	5.17	1.22	5.72	2.07
LOWER SOUTHERN 03												
MECHANICSVILLE 5 NE	M 2.86		2.30	-1.08	5.00	1.03	1.61	-1.80	6.73	2.61	5.27	1.21
OXON HILL												
--DIVISIONAL DATA----->			2.30	-.74	5.00	1.31	1.61	-1.58	6.73	2.65	5.27	1.55
UPPER SOUTHERN 04												
ANNAPOLIS POLICE BRKS	3.38	.13	M 2.32		7.39	3.76	1.88	-1.52	4.79	.73	M 6.74	
BALTIMORE WSO ARPT R	2.68	-.37	2.35	-.77	4.76	1.38	1.32	-1.77	5.34	1.62	3.58	-.09
BELTSVILLE	M 2.17		1.90	-.73	3.69	.44	1.87	-1.43	5.08	.76	5.29	1.79
DALECARLIA RESERVOIR	2.83	-.14	2.32	-.67	4.89	1.37	2.10	-1.40	5.87	1.68	4.93	1.32
GLENN DALE BELL STN	2.74	-.27	M 2.29		4.35	1.00	1.67	-1.76	4.96	.50	6.09	2.23
LAUREL 3 W	2.69	-.19	2.29	-.62	4.22	.74	2.03	-1.38	4.43	-.10	7.69	3.98
MD SCI CTR BALTIMORE R	2.33		2.33		4.75		1.68		5.39		4.24	
NATIONAL ARBORETUM DC	2.62	-.52	2.14	-.87	4.41	1.07	2.16	-1.11	4.72	.55	5.61	1.81
UPPER MARLBORO 3 NNW	2.73	-.42	2.18	-.56	4.87	1.51	1.65	-1.73	4.54	.45	3.92	.06
--DIVISIONAL DATA----->	2.75	-.30	2.22	-.72	4.81	1.40	1.82	-1.50	5.01	.79	5.17	1.47
NORTHERN EASTERN SHORE 05												
CHESTERTOWN	3.26	.08	3.37	.31	5.78	2.13	1.97	-1.27	5.78	1.75	3.34	-1.01
MILLINGTON 1 SE	M 2.99		3.15	.18	M 5.78		M 1.97		M 5.78		M 3.34	
--DIVISIONAL DATA----->	3.26	-.01	3.26	.22	5.78	2.23	1.97	-1.31	5.78	1.77	3.34	-.65
NORTHERN CENTRAL 06												
ABERDEEN PHILLIPS FLD	3.03	-.01	2.49	-.21	4.83	1.54	M 1.85		3.88	-.19	M 2.57	
CATOCTIN MOUNTAIN PARK	M 2.64		1.80		M 5.11		3.02		2.63		M 2.27	
CLARKSVILLE 3 NNE	M 2.89		M 1.50		M 6.33		M 2.31	-1.45	M 4.49	.31	M 7.66	
CONOWINGO DAM	3.08		2.04		4.66		2.08		3.85		5.04	
DAMASCUS 3 SSW	3.50	.39	1.34	-1.73	5.79	2.26	2.64	-1.13	2.76	-1.59	M 1.80	
EMMITSBURG 2 SE	8.41		1.88		3.93		1.77		3.32		3.87	
FREDERICK POLICE BRKS	3.12		1.78		4.78		2.37		4.24		3.29	
MILLERS 4 NE	2.69	.16	2.57	.05	4.81	1.87	2.10	-.89	6.07	2.32	5.63	1.95
POTOMAC FILTER PLANT	2.76	-.09	2.27	-.56	4.05	.69	1.98	-1.21	4.93	.75	5.68	1.92
ROCKVILLE 1 NE												
SMITHSBURG 2 NW	3.98	.90	1.94	-1.03	4.67	1.14	2.31	-1.22	3.76	-.61	4.47	.49
--DIVISIONAL DATA----->												
APPALACHIAN MOUNTAIN 07												
CUMBERLAND 2	1.95	-.43	.73	-1.56	3.22	.14	2.17	-1.02	4.77	1.11	M 4.20	
CUMBERLAND POLICE BRK	1.08		M .33		3.46		2.45		6.39		4.57	
FROSTBURG 2	1.93		1.07		4.46		2.70		6.52		6.66	
HAGERSTOWN POLICE BRK	M 2.18		M .20		M 2.88		M .49		M 1.01		1.17	
SHARPSBURG 5 S	2.81		1.20		4.84		1.87		2.32		5.68	
--DIVISIONAL DATA----->	1.94	-.67	1.00	-1.55	4.00	.69	2.30	-1.14	5.00	1.07	4.52	1.07
ALLEGHENY PLATEAU 08												
OAKLAND 1 SE	2.85	-.34	2.09	-.86	4.52	.45	2.77	-1.57	4.75	.04	4.97	.59
SAVAGE RIVER DAM	M 2.07		1.43	-.81	3.77	.52	2.66	-.75	4.64	.71	7.62	4.27
--DIVISIONAL DATA----->	2.85	-.33	1.76	-1.19	4.15	.19	2.72	-1.35	4.70	.33	6.30	2.22

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE	4.07		3.51		1.96		.48		.00		2.55		M 30.42	
PRINCESS ANNE	4.92	.92	8.59	3.50	M 2.04		1.49	-1.76	.05	-3.09	M 1.16		M	
SALISBURY	5.08	1.06	8.11	3.12	2.01	-1.54	1.24	-1.99	.10	-2.97	2.02	-1.51	41.10	-3.21
SALISBURY POLICE BRKS											M			
SALISBURY FAA ARPT	5.03	.70	6.00	.67	1.71	-1.98	1.34	-2.08	.09	-3.06	2.20	-1.48	39.48	-5.85
SNOW HILL 4 N	5.11	1.01	4.32	-1.05	1.28	-2.01	.86	-2.38	.08	-3.14	2.12	-1.32	35.27	-9.26
--DIVISIONAL DATA----->	4.84	.79	6.11	1.24	1.74	-1.67	1.08	-2.10	.06	-3.06	2.22	-1.19	37.74	-5.51
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	4.70	.74	6.62	2.39	1.87	-1.77	.96	-2.19	.40	-3.02	1.90	-1.82	39.59	-4.46
VIENNA	5.45	1.47	6.32	1.45	M 1.30		1.06	-1.94	M .24		2.04	-1.41	M 40.34	
--DIVISIONAL DATA----->	5.08	1.14	6.47	2.07	1.87	-1.64	1.01	-2.06	.40	-2.92	1.97	-1.59	40.98	-2.35
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	7.73	3.51	M 5.01		2.54	-1.21	.88	-2.55	.97	-2.54	1.98	-1.36	M 42.88	
OXON HILL											M			
--DIVISIONAL DATA----->	7.73	3.77			2.54	-1.13	.88	-2.36	.97	-2.42	1.98	-1.35		
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	7.72	4.14	2.96	-.94	1.95	-1.31	.82	-2.49	1.90	-1.55	.93	-2.51	M 42.78	
BALTIMORE WSO ARPT R	3.85	.16	5.74	1.82	1.43	-1.98	.78	-2.20	1.01	-2.31	1.73	-1.68	34.57	-6.19
BELTSVILLE	7.17	3.08	4.08	-.06	3.43	-.28	1.00	-2.37	.65	-2.59	1.45	-1.90	M 37.78	
DALECARLIA RESERVOIR	5.73	1.84	10.34	6.05	4.15	.57	1.00	-2.50	1.21	-2.28	1.70	-1.76	47.07	4.08
GLENN DALE BELL STN	5.43	1.27	3.73	-.59	2.27	-1.35	.88	-2.55	.81	-2.69	1.35	-1.93	M 36.57	
LAUREL 3 W	3.47	-.51	5.24	1.29	3.29	-.36	.93	-2.48	1.34	-2.49	1.96	-1.46	39.58	-3.58
MD SCI CTR BALTIMORE R	2.24		3.24		1.88		.71		2.50		1.74		33.03	
NATIONAL ARBORETUM DC	5.64	1.26	5.26	.87	1.92	-1.68	.85	-2.43	M .91					
UPPER MARLBORO 3 NNW	6.01	1.99	3.26	-.70	2.04	-1.56	.70	-2.76	.78	-2.56	1.75	-1.52	34.43	-7.80
--DIVISIONAL DATA----->	5.25	1.24	4.87	.70	2.48	-1.10	.85	-2.46	1.28	-2.12	1.58	-1.79	38.09	-4.39
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	6.22	2.52	M 3.47		3.18	-.46	.80	-2.34	1.36	-2.03	1.51	-2.26	M 40.04	
MILLINGTON 1 SE														
--DIVISIONAL DATA----->	6.22	2.42			3.18	-.47	.80	-2.34	1.36	-2.03	1.51	-2.18		
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	M 2.04		M 4.04		M 3.53		M .72		2.26	-1.06	M 1.47		M	
CATOCTIN MOUNTAIN PARK	1.15		3.59		3.86		.91		2.09		1.69		M 30.76	
CLARKSVILLE 3 NNE	1.86		M		M		M		M		M			
CONOWINGO DAM	M .80		M 1.91		3.39	-.56	.92		1.33	-2.41	M 1.75		M	
DAMASCUS 3 SSW	2.41		4.20		4.75		1.34		2.04		1.77		37.26	
EMMITSBURG 2 SE	1.15	-2.09	1.92	-1.69	4.59	.62	.86	-2.59	1.95	-1.74	1.89	-1.38	M 30.19	
FREDERICK POLICE BRKS	2.30		1.37		4.07		.73		1.53		1.68		M 34.86	
MILLERS 4 NE	1.48		2.11		4.65		1.01		1.14		1.81		M 31.78	
POTOMAC FILTER PLANT	M 4.30		4.59	.98	2.77	-.88	1.39	-1.64	1.08	-2.21	1.99	-1.04	M 39.99	
ROCKVILLE 1 NE	4.00	.29	5.46	1.47	2.21	-1.32	.74	-2.60	1.29	-2.01	1.77	-1.30	37.14	-3.97
SMITHSBURG 2 NW											1.90			
--DIVISIONAL DATA----->	2.05	-1.75	3.11	-.74	3.93	.22	.97	-2.37	1.70	-1.88	1.79	-1.68	34.68	-8.53
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	4.29	.92	3.13	-.17	1.71	-1.37	.66	-2.11	1.41	-1.35	1.86	-.75	M 30.10	
CUMBERLAND POLICE BRK	3.25		M 2.26		1.82		.45		1.11		M 1.66		M	
FROSTBURG 2	4.22		4.91		1.49		1.25		1.46		2.08		38.75	
HAGERSTOWN POLICE BRK	M		M .52		2.50		.07		1.33		M .70			
SHARPSBURG 5 S	1.77		1.17		2.76		.78		1.71		1.56		28.47	
--DIVISIONAL DATA----->	3.38	-.16	3.07	-.27	2.06	-1.14	.69	-2.48	1.40	-1.71	1.83	-.99	31.19	-7.28
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	9.25	4.13	2.55	-1.62	1.86	-1.41	1.88	-1.31	1.26	-2.38	3.12	-.62	41.87	-4.90
SAVAGE RIVER DAM	4.40	.19	3.13	-.06	1.79	-1.32	.73	-2.20	.89	-1.96	M 1.81		M 34.94	
--DIVISIONAL DATA----->	6.83	1.97	2.84	-.99	1.83	-1.49	1.31	-1.86	1.08	-2.48	3.12	-.56	39.49	-5.54

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
DELAWARE												
NORTHERN 01												
NEWARK UNIVERSITY FARM	2.67	-.31	2.75	.02	5.91	2.65	1.74	-1.75	4.23	.08	M	
WILMINGTON WSO ARPT R	3.13	.10	2.81	-.10	5.62	2.19	1.43	-1.96	5.33	1.49	4.28	.73
WILMINGTON PORTER RSVR	3.15	-.32	3.37	.32	6.23	2.42	1.94	-2.07	5.42	1.09	4.60	.54
--DIVISIONAL DATA----->	2.98	-.20	2.98	.13	5.92	2.45	1.70	-1.87	4.99	.94	4.44	.68
SOUTHERN 02												
DOVER	3.18	-.20	3.49	.56	5.62	1.82	1.55	-1.95	5.46	1.47	5.18	1.33
GREENWOOD 2 NE	3.11		2.90		5.44		2.09		3.86		6.67	
LEWES	2.86	-.90	3.45	.15	5.21	1.10	1.76	-1.80	1.74	-2.02	4.64	1.26
MILFORD 2 SE M	3.00		3.06	-.12	5.08	1.12	1.79	-1.69	2.63	-1.33	6.64	3.20
--DIVISIONAL DATA----->	3.05	-.59	3.23	.05	5.34	1.40	1.80	-1.68	3.42	-.46	5.78	2.29

MARYLAND AND DELAWARE
2001

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	M		5.72	1.72	3.10	-.58	.81	-2.36	1.45	-1.83				
WILMINGTON WSO ARPT R	2.35	-1.88	2.65	-.75	2.57	-.86	.74	-2.14	.99	-2.28	1.95	-1.53	33.85	-6.99
WILMINGTON PORTER RSVR	M		M		2.79	-1.16	.87	-2.43	1.13	-2.67	2.72	-1.12	M	37.07
--DIVISIONAL DATA----->	2.35	-1.87	4.19	.56	2.82	-.80	.81	-2.32	1.19	-2.22	2.34	-1.22		36.71
SOUTHERN 02														
DOVER	4.99	.84	3.27	-.98	2.35	-1.99	1.09	-2.17	.73	-2.42	1.84	-1.70	38.75	-5.39
GREENWOOD 2 NE	7.16		M		M		.83		.32		1.95			
LEWES	7.44	3.46	6.29	1.05	1.97	-1.12	1.46	-1.71	.57	-2.71	2.41	-1.27	39.80	-4.51
MILFORD 2 SE	6.46	2.86	8.87	4.56	M		1.05	-2.28	M		2.12	-1.51	M	43.14
--DIVISIONAL DATA----->	6.51	2.62	6.14	1.36	2.16	-1.48	1.11	-2.12	.54	-2.67	2.08	-1.51		41.16

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

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		M40.5		M43.4		M52.9		M63.0		M74.1		M74.2		M77.0		M69.9		M61.0		M54.2		M46.9		M57.9			
PRINCESS ANNE	M		M		M		M		M		M		M		M		M		M		M		M		M			
SALISBURY	M34.3	-1.6	39.2	1.1	M41.3	-5.4	M54.0	-1.1	M61.9	-2.8	M72.1	-0.7	M72.3	-4.6	M75.2	-0.7	M67.4	-2.3	M60.0	.9	M54.5	4.4	M47.5	7.1	M56.6	-0.5		
SALISBURY POLICE BRKS																												
SALISBURY FAA ARPT	36.7	2.3	40.2	3.6	42.5	-2.6	54.8	1.1	62.1	-1.1	72.0	.1	70.7	-6.0	75.0	-0.3	63.9	-4.7	54.6	-2.9	49.2	.6	42.7	3.5	55.4	-0.5		
SNOW HILL 4 N	36.2	1.0	41.4	4.1	42.7	-2.9	56.2	2.3	64.0	.5	73.8	1.9	73.2	-2.6	76.4	1.7	67.5	-1.2	58.6	.7	53.1	4.0	46.1	6.3	57.4	1.3		
--DIVISIONAL DATA-->	36.1	.8	40.3	2.9	42.5	-3.1	54.5	.3	62.8	-0.9	73.0	.8	72.6	-4.0	75.9	.2	67.2	-2.3	58.6	-1.1	52.8	3.2	45.8	5.7	56.8	.3		
CENTRAL EASTERN SHORE 02																												
ROYAL OAK 2 SSW	34.5	.4	40.7	4.2	43.4	-2.3	57.1	2.2	65.3	.4	76.1	2.6	75.2	-2.3	78.3	2.1	67.9	-1.9	60.1	1.0	53.6	4.2	46.1	7.0	58.2	1.5		
VIENNA	36.3	1.4	42.3	4.9	M44.2	-2.3	M56.1	.7	M64.1	-1.1	75.6	2.0	M75.6	-2.2	M77.9	1.6	M69.4	-0.5	M		M53.8	4.4	M46.1	6.4	M			
--DIVISIONAL DATA-->	35.4	1.2	41.5	4.8	43.8	-2.0	56.6	1.8	64.7	.0	75.9	2.6	75.4	-2.0	78.1	2.0	68.7	-0.9	60.1	1.3	53.7	4.5	46.1	6.9	58.3	1.7		
LOWER SOUTHERN 03																												
MECHANICVILLE 5 NE	34.1	.8	39.9	3.6	42.1	-3.6	56.8	2.4	63.4	-0.5	72.7	.8	72.1	-4.1	75.9	1.3	64.9	-3.0	56.6	-0.2	52.3	4.7	44.7	6.5	56.3	.7		
OXON HILL																												
--DIVISIONAL DATA-->	34.1	.1	39.9	3.1	42.1	-3.8	56.8	1.9	63.4	-1.0	72.7	.2	72.1	-4.5	75.9	.5	64.9	-4.1	56.6	-1.3	52.3	3.7	M44.7	5.9	M56.3	.1		
UPPER SOUTHERN 04																												
ANNAPOLIS POLICE BRKS	34.4	.8	38.7	2.6	43.7	-1.5	58.5	3.7	66.4	1.8	M74.6	1.1	75.7	-1.9	79.0	2.7	71.0	1.0	56.6	-1.8	53.8	5.7	M45.4	7.0	M58.2	1.8		
BALTIMORE WSO ARPT	R 33.1	1.3	38.5	3.7	41.8	-2.3	55.4	2.0	63.4	.0	74.1	1.6	72.8	-4.2	77.0	1.4	65.2	-3.3	56.0	-0.6	50.7	3.9	42.1	5.4	55.8	.7		
BELTSVILLE	32.2	1.7	38.0	4.7	41.3	-1.6	54.3	2.1	63.8	1.8	72.7	1.7	72.8	-2.8	76.6	2.4	66.4	-0.8	56.0	.9	50.5	4.6	42.6	6.8	55.6	1.8		
DALECARLIA RESERVOIR	33.6	.7	41.3	5.2	42.7	-2.9	58.6	3.6	65.7	.9	74.7	1.6	75.0	-2.2	78.7	2.9	68.7	-0.4	58.5	1.1	53.5	6.1	44.8	7.4	58.0	2.0		
GLENN DALE BELL STN	30.6	-1.9	36.5	1.0	M40.2	-4.5	54.4	.8	62.2	-1.0	72.2	.9	72.2	-3.3	76.1	1.9	64.9	-2.8	54.7	-1.7	49.2	2.2	41.3	4.3	M54.5	-0.3		
LAUREL 3 W	34.0	2.0	M39.0	4.3	41.5	-2.9	56.3	2.3	M65.1	1.3	M		77.6	.6	78.5	2.7	67.7	-1.0	58.1	.8	53.3	6.0	44.3	7.7	M			
MD SCI CTR BALTIMORE	R M35.4		40.1		43.4		56.4		63.6		76.4		76.6		80.3		69.5		60.4		54.9		45.3		M58.5			
NATIONAL ARBORETUM DC	32.9	.3	39.3	4.1	42.3	-2.5	56.8	2.8	66.2	2.2	76.1	3.4	75.9	-1.1	79.5	3.8	68.9	.3	58.4	1.3	M51.9	4.7						
UPPER MARLBORO 3 NNW	M32.8	1.6	38.4	4.5	41.6	-2.0	54.4	1.4	63.2	.6	72.6	1.5	72.4	-2.9	76.2	2.5	65.5	-1.4	56.3	1.1	50.3	3.9	43.0	6.9	M55.6	1.5		
--DIVISIONAL DATA-->	33.2	.8	38.9	3.7	42.1	-2.5	56.1	2.2	64.4	.7	74.2	1.9	74.6	-2.0	78.0	2.7	67.5	-1.0	57.2	.4	52.0	4.8	43.6	6.5	56.8	1.5		
NORTHERN EASTERN SHORE 05																												
CHESTERTOWN	32.4	.3	38.5	3.8	42.4	-1.5	55.8	2.4	64.2	.6	75.3	2.8	74.0	-2.8	78.1	2.5	66.6	-2.3	58.4	.9	51.5	4.1	42.8	5.8	56.7	1.4		
MILLINGTON 1 SE	M33.1	1.9	39.2	5.3	M		M		M																			
--DIVISIONAL DATA-->	32.8	.6	38.9	4.0	42.4	-1.8	55.8	2.4	64.2	.7	75.3	3.1	74.0	-2.5	78.1	2.9	66.6	-2.0	58.4	1.1	51.5	4.0	42.8	5.8	56.7	1.5		
NORTHERN CENTRAL 06																												
ABERDEEN PHILLIPS FLD	M		M40.8		M41.3		-3.0	M		M63.5		-1.1	M74.0		2.0	M		M78.3		3.3	M		M57.9		.7	M		
CATOCTIN MOUNTAIN PARK	M29.4		M		M		M		M		M		M		M		M		M		M		M		M		M	
CLARKSVILLE 3 NNE	M		M		M		M		M		M		M		M		M		M		M		M		M		M	
CONOWINGO DAM	M31.3	2.1	35.5	3.5	M39.2	-2.3	53.5	2.1	M65.1	3.1	M73.7	2.9	M74.3	-0.8	M77.9	3.9	M67.2	.2	M57.5	2.4	M49.1	4.6	M43.9	9.6	M55.7	2.6		
DAMASCUS 3 SSW	31.4		37.2		39.4		54.3		61.6		71.0		70.4		74.4		M64.2		M55.0		50.3		40.9		M54.2			
EMMITSBURG 2 SE	29.8	.7	37.5	5.5	39.3	-2.7	54.3	2.8	61.2	-0.2	70.8	1.0	71.2	-2.9	76.0	3.3	M64.9	-0.7	55.2	.9	49.7	5.4	40.3	6.1	M54.2	1.6		
FREDERICK POLICE BRKS	32.3		39.8		41.6		56.3		64.5		73.8		73.8		78.1		67.3		58.1		52.6		42.9		56.8			
MILLERS 4 NE	30.3		35.9		38.3		54.1		62.2		71.3		71.3		75.3		64.9		56.2		50.8		41.3		54.3			
ROCKVILLE 1 NE	32.9	2.2	38.7	5.6	41.5	-1.9	56.4	4.0	63.8	1.8	73.4	3.0	73.3	-1.4	76.9	3.9	65.9	.2	56.7	1.8	51.7	6.8	42.2	7.1	56.1	2.8		
SMITHSBURG 2 NW																												
--DIVISIONAL DATA-->	31.1	.3	37.5	4.0	39.7	-3.3	54.9	2.3	62.9	.3	72.2	1.2	72.0	-3.2	76.4	2.6	65.5	-1.6	56.6	.9	50.7	4.9	41.3	5.9	55.1	1.2		
APPALACHIAN MOUNTAIN 07																												
CUMBERLAND 2	32.0	1.7	38.3	4.9	39.1	-4.1	56.3	2.7	61.8	-1.3	71.1	.1	70.8	-4.3	75.2	1.3	64.5	-2.2	55.3	.5	50.2	5.6	39.4	4.8	54.5	.8		
CUMBERLAND POLICE BRK	31.3		37.8		38.1		55.4		60.1		69.5		69.7		72.1		63.2		M53.7		48.8		38.8		M53.2			
FROSTBURG 2	25.7		31.9		32.1		50.3		56.5		65.2		65.9		69.1		59.5		50.7		46.0		35.9		49.1			
HAGERSTOWN POLICE BRK	31.2		38.8		40.3		M56.2		62.7		71.7		M		76.5		66.4		56.2		52.0		42.5		M			
SHARPSBURG 5 S	29.4		37.2		M37.6		52.8		60.8		M70.1		M		70.0		75.3		M54.9		48.5		40.1		M53.4			
--DIVISIONAL DATA-->	29.9	.9	36.8	5.0	37.4	-4.1	54.2	2.7	60.4	-0.8	69.5	.3	69.1	-4.1	73.6	1.7	63.5	-1.7	54.2	.4	49.1	5.1	39.3	5.7	53.1	.9		
ALLEGHENY PLATEAU 08																												

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

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	
OAKLAND 1 SE	26.9	1.3	34.8	7.0	32.8	-4.7	51.9	5.2	56.3	.0	64.6	.8	65.7	-2.0	69.4	2.8	58.9	-1.5	49.9	.3	46.0	5.9	37.4	7.1	49.6	1.9	
SAVAGE RIVER DAM	M26.6	1.1	33.6	5.8	34.3	-3.2	50.6	2.9	56.8	-.8	65.6	.3	66.4	-3.0	70.1	1.8	60.1	-1.7	M50.8	.5	45.6	4.8	37.2	6.9	M49.8	1.3	
--DIVISIONAL DATA----->	26.8	2.0	34.2	7.1	33.6	-3.2	51.3	4.5	56.6	.0	65.1	.9	66.1	-1.9	69.8	2.9	59.5	-1.1	50.4	.9	45.8	5.8	37.3	7.7	49.7	2.1	
DELAWARE																											
NORTHERN 01																											
NEWARK UNIVERSITY FARM	31.8	.5	35.5	1.4	38.4	-4.8	M53.6	1.0	M64.9	1.8	M	M	78.3	3.7	67.5	-.5	57.2	.7	51.9	5.2							
WILMINGTON WSO ARPT R	31.6	1.0	36.2	2.8	39.8	-2.9	53.3	1.1	62.7	.2	73.0	1.5	72.7	-3.7	77.3	2.3	65.6	-2.4	56.7	.5	50.8	4.5	42.5	6.7	55.2	1.0	
WILMINGTON PORTER RSVR	31.3	1.2	35.9	3.2	39.1	-2.7	53.7	2.2	63.0	1.1	73.3	2.5	73.0	-2.2	77.5	3.7	65.8	-1.0	56.6	1.0	51.5	5.8	42.2	6.9	55.2	1.8	
--DIVISIONAL DATA----->	31.6	.8	35.9	2.4	39.1	-3.6	53.5	1.3	63.5	.9	73.2	1.7	72.9	-3.0	77.7	3.2	66.3	-1.4	56.8	.6	51.4	5.1	42.4	6.5	55.4	1.2	
SOUTHERN 02																											
DOVER	33.8	.0	39.6	3.2	41.6	-3.4	55.6	1.5	64.5	.3	73.9	1.1	73.7	-3.5	77.7	1.8	67.3	-2.3	59.5	.9	52.3	3.3	44.7	5.9	57.0	.7	
GREENWOOD 2 NE	32.5		38.5		40.9		53.1		63.0		73.2		72.3		M		66.5		57.1		51.9		44.2		M		
LEWES	35.2	.7	41.6	5.0	43.1	-1.5	56.8	3.5	65.1	2.2	74.9	3.3	74.9	-1.0	78.7	3.8	69.6	.4	60.4	2.0	M54.3	4.8	47.4	7.7	M58.5	2.6	
MILFORD 2 SE	M32.4	-1.2	M39.2	3.5	41.0	-3.9	53.4	-.2	M62.3	-1.4	M73.7	1.4	M73.1	-3.5	76.3	1.2	67.2	-1.4	M57.0	-.8	M51.1	2.8	M43.6	5.2	M55.9	.1	
--DIVISIONAL DATA----->	33.5	-.2	39.7	3.8	41.7	-2.9	54.7	1.3	63.7	.4	73.9	1.8	73.5	-2.9	77.6	2.5	67.7	-1.0	58.5	.8	52.4	3.9	45.0	6.4	56.8	1.2	

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

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		97	8/ 8	15	1/ 4	1/ 4	15	2/19	19	2/19	19	3/27	28	4/ 3	31	11/12	31	12/22	25	12/28	20	12/28	20	NONE	NONE					
PRINCESS ANNE						MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
SALISBURY		92	8/10	15	3/27	3/27	15	3/29	20	3/29	20	4/30	27	4/30	27	10/29	32	11/13	28	12/28	22	12/31	18	NONE	NONE					
SALISBURY POLICE BRKS						MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
SALISBURY FAA ARPT		95	8/ 9	10	12/31	2/19	14	2/19	14	3/28	21	4/ 5	28	4/19	29	10/ 7	31	10/ 8	26	10/ 9	24	11/12	18	12/25	16	309	266	195	186	171
SNOW HILL 4 N		96	8/ 9	11	1/ 3	2/19	16	2/23	20	3/28	21	4/ 5	27	4/30	32	10/ 8	28	10/ 8	28	11/12	23	12/25	18	12/31	13	315	305	229	186	161
CENTRAL EASTERN SHORE	02																													
ROYAL OAK 2 SSW		94	8/ 9	17	1/ 5	NONE		2/19	18	3/ 1	24	3/27	27	4/19	30	10/ 9	30	10/29	28	12/27	23	12/31	20	NONE	NONE					
VIENNA		98	8/ 9	11	12/28	NONE		2/19	20	3/27	24	3/28	25	4/19	31	MSG		MSG		12/25	23	12/26	19	12/27	15		315	301	216	173
LOWER SOUTHERN	03																													
MECHANICSVILLE 5 NE		92	8/12	12	12/31	1/ 5	15	3/28	20	3/29	23	4/19	28	4/26	32	10/ 9	29	11/12	27	12/22	24	12/25	20	12/31	12	360	272	268	207	166
OXON HILL						MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
UPPER SOUTHERN	04																													
ANNAPOLIS POLICE BRKS		98	8/ 9	18	1/ 6	NONE		2/19	20	3/ 6	24	4/19	28	4/19	28	10/ 9	26	10/ 9	26	12/26	24	12/31	20	NONE	NONE					
BALTIMORE WSO ARPT	R	98	8/10	14	1/ 3	2/19	16	3/27	20	3/27	20	3/28	25	4/26	32	10/ 8	31	10/ 9	28	11/12	23	12/27	18	12/31	15	315	275	230	195	165
BELTSVILLE		97	8/10	14	1/22	1/23	16	2/23	19	3/28	23	4/30	25	4/30	25	10/ 9	30	11/ 6	28	12/22	24	12/27	17	NONE			307	269	190	162
DALECARLIA RESERVOIR	100	8/ 9	12	1/ 5	1/23	16	2/23	19	3/28	24	3/29	28	4/19	31	10/ 8	32	10/29	28	12/21	23	12/27	16	12/27	16	338	307	268	214	172	
GLENN DALE BELL STN		97	8/10	10	1/22	2/19	13	3/28	18	3/28	18	4/19	25	4/29	32	10/ 8	28	10/ 8	28	11/12	22	12/25	19	12/27	13	311	272	229	172	162
LAUREL 3 W						1/ 9	14	3/26	20	3/27	22	3/28	28	4/18	32	10/18	31	12/22	28	12/27	22	12/31	20	NONE			280	275	269	183
MD SCI CTR BALTIMORE	R	101	8/ 9	20	1/ 3	NONE		1/ 3	20	2/23	23	3/27	26	3/28	31	12/22	31	12/27	26	12/30	23	NONE	NONE					310	275	269
NATIONAL ARBORETUM DC						1/23	15	2/23	20	3/27	24	3/28	25	4/19	29	10/ 9	30	10/29	28	MSG		MSG		MSG						
UPPER MARLBORO 3 NNW		96	8/ 9	12	1/ 3	2/19	15	2/19	15	3/29	24	4/20	28	4/20	28	10/ 8	31	10/ 9	28	11/12	24	12/27	17	12/28	16	312	311	228	172	171
NORTHERN EASTERN SHORE	05																													
CHESTERTOWN		99	8/ 9	12	1/ 4	1/ 5	14	2/22	19	3/ 6	24	3/27	25	4/19	31	10/ 9	30	11/12	24	11/12	24	12/27	20	12/31	16	360	308	251	230	173
MILLINGTON 1 SE						MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
NORTHERN CENTRAL	06																													
ABERDEEN PHILLIPS FLD		98	8/10			MSG		2/23	19	MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
CATOCTIN MOUNTAIN PARK		93	8/ 9	12	12/30	3/27	15	3/27	15	3/28	22	3/28	22	4/19	29	10/ 8	32	11/12	28	12/22	22	12/25	20	12/30	12	278	273	269	229	172
CLARKSVILLE 3 NNE						MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
CONOWINGO DAM	101	8/ 9	12	1/23	2/18	16	2/23	20	3/28	24	3/29	26	4/20	30	10/29	30	11/12	25	12/24	24	12/27	20	NONE				307	271	228	192
DAMASCUS 3 SSW		94	8/ 9	12	1/22	2/18	16	3/28	20	3/28	20	4/19	27	4/19	27	10/ 8	30	10/29	28	12/22	23	12/26	20	NONE			273	269	193	172
EMMITSBURG 2 SE	100	8/ 9	-2	1/23	3/28	16	3/28	16	4/19	24	4/19	24	4/29	32	10/ 8	29	10/ 9	22	10/ 9	22	11/13	20	12/27	15	274	230	173	173	162	
FREDERICK POLICE BRKS		97	8/ 9	10	1/23	1/23	10	2/23	19	3/28	21	3/28	21	4/20	30	10/ 9	29	11/13	28	12/23	24	12/30	20	NONE			310	270	230	172
MILLERS 4 NE		97	8/ 9	7	1/23	2/22	15	3/27	18	3/28	22	4/19	26	4/19	26	10/ 8	32	10/ 9	28	11/21	23	12/27	17	12/31	15	312	275	238	173	172
ROCKVILLE 1 NE		95	8/ 9	11	1/22	1/23	12	2/23	20	3/27	22	3/28	27	4/19	29	10/ 9	30	11/12	28	12/25	24	12/30	18	NONE			310	273	229	173
SMITHSBURG 2 NW						MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
APPALACHIAN MOUNTAIN	07																													
CUMBERLAND 2		95	8/ 9	12	1/23	2/19	16	3/28	20	3/28	20	3/28	20	4/19	30	10/ 7	28	10/ 7	28	10/28	24	12/21	20	12/29	16	313	268	214	193	171
CUMBERLAND POLICE BRK		93	7/25	8	1/23	3/28	16	3/28	16	3/28	16	4/19	28	4/29	31	10/ 8	25	10/ 8	25	10/29	23	12/22	18	12/26	15	273	269	215	172	162
FROSTBURG 2		90	7/ 1	8	1/23	3/29	16	3/29	16	3/29	16	4/20	28	4/27	32	10/ 8	27	10/ 8	27	11/21	23	12/22	17	12/26	14	272	268	237	171	164
HAGERSTOWN POLICE BRK						7	1/23	3/27	16	3/27	16	3/28	21	4/19	28	4/27	32	10/ 8	28	10/ 8	28	10/29	24	12/25	19	278	273	215	172	164
SHARPSBURG 5 S		97	8/10	5	1/23	3/28	16	3/29	19	3/29	19	4/27	28	5/14	32	10/ 9	24	10/ 9	24	10/ 9	24	12/22	18	12/27	15	274	268	194	165	148
ALLEGHENY PLATEAU	08																													
OAKLAND 1 SE		87	8/ 9	-2	1/23	3/28	12	3/28	12	4/18	23	5/14	28	5/31	30	10/ 1	30	10/ 8	20	10/ 8	20	10/ 8	20	11/12	16	229	194	173	147	123
SAVAGE RIVER DAM		87	6/20	7	1/23	3/27	15	3/28	17	3/29	22	4/19	28	5/ 1	32	10/ 8	29	10/ 9	28	11/13	24	12/22	18	12/30	14	278	269	229	173	160
DELAWARE																														
NORTHERN	01																													
NEWARK UNIVERSITY FARM						1/23	12	3/ 7	20	3/28	23	4/19	28	4/19	28	10/10	29	11/ 5	28	11/12	24	MSG		MSG						

**MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHRENHEIT**

MARYLAND AND DELAWARE
2001

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE	0	B 0	0	2	32	286	294	378	177	36	0	B 0	B1205	
PRINCESS ANNE	-	-	-	-	-	-	-	-	-	-	-	-	-	1097
SALISBURY	B 0	0	0	21	30	230	234	323	117	47	13	0	B1015	1190
SALISBURY POLICE BRKS	-	-	-	-	-	-	-	-	-	-	-	-	-	
SALISBURY FAA ARPT	0	0	0	29	47	231	196	318	69	20	4	0	914	1096
SNOW HILL 4 N	0	0	0	34	76	281	265	360	133	50	12	0	1211	1053
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	0	0	34	73	347	323	421	140	47	5	0	1390	1245
VIENNA	0	0	B 0	B 26	B 60	329	B 334	B 406	B 169	-	B 1	B 0	-	1292
LOWER SOUTHERN MECHANICSVILLE 5 NE	0	0	0	41	54	247	232	344	85	17	5	0	1025	1058
OXON HILL	-	-	-	-	-	-	-	-	-	-	-	-	-	
UPPER SOUTHERN ANNAPOLIS POLICE BRKS	0	0	0	32	81	B 301	336	441	208	6	3	B 0	B1408	1271
BALTIMORE WSO ARPT	R 0	0	0	27	54	290	249	381	90	12	2	0	1105	1137
BELTSVILLE	0	0	0	21	55	249	249	368	113	14	3	0	1072	954
DALECARLIA RESERVOIR	0	0	0	47	89	301	320	431	164	35	7	0	1394	1213
GLENN DALE BELL STN	0	0	B 0	25	37	235	239	349	92	11	3	0	B 991	984
LAUREL 3 W	0	B 0	0	25	B 82	-	397	426	140	30	2	0	-	1165
MD SCI CTR BALTIMORE	R 0	0	0	29	58	352	366	481	181	54	4	0	B1525	
NATIONAL ARBORETUM DC	0	0	0	42	98	342	345	455	173	37	B 8	-	-	1160
UPPER MARLBORO 3 NNW	B 0	0	0	24	53	248	239	355	95	21	4	0	B1039	944
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	0	0	33	65	321	286	411	121	40	4	0	1281	1139
MILLINGTON 1 SE	B 0	0	-	-	-	-	-	-	-	-	-	-	-	980
NORTHERN CENTRAL ABERDEEN PHILLIPS FLD	-	B 0	B 0	-	B 51	B 290	-	B 423	-	B 33	-	-	-	1087
CATOCTIN MOUNTAIN PARK	0	0	0	27	46	181	177	286	59	21	0	0	797	
CLARKSVILLE 3 NNE	-	-	-	-	-	238	218	-	-	-	-	-	-	
CONOWINGO DAM	B 0	0	B 0	11	B 73	B 272	B 288	B 407	B 116	B 19	B 0	B 0	B1186	935
DAMASCUS 3 SSW	0	0	0	21	38	205	181	297	B 79	B 6	0	0	B 828	
EMMITSBURG 2 SE	0	0	0	23	22	195	201	350	B 82	7	1	0	B 881	811
FREDERICK POLICE BRKS	0	0	0	32	57	278	281	412	135	33	5	0	1233	
MILLERS 4 NE	0	0	0	20	44	207	207	328	87	14	0	0	907	
ROCKVILLE 1 NE	0	0	0	30	61	265	267	378	101	17	6	0	1125	889
SMITHSBURG 2 NW	-	-	-	-	-	-	-	-	-	-	-	0	-	
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	0	0	26	36	206	192	322	71	11	0	0	864	952
CUMBERLAND POLICE BRK	0	0	0	34	21	168	161	226	58	B 11	0	0	B 679	
FROSTBURG 2	0	0	0	7	10	89	85	138	18	2	0	0	349	
HAGERSTOWN POLICE BRK	0	0	0	B 28	41	216	-	366	119	16	2	0	-	
SHARPSBURG 5 S	0	0	B 0	18	28	B 197	169	327	77	B 14	1	0	B 831	
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	0	0	0	12	0	68	84	154	15	2	0	0	335	277
SAVAGE RIVER DAM	B 0	0	0	6	4	93	82	165	19	B 1	0	0	B 370	388
DELAWARE														
NORTHERN NEWARK UNIVERSITY FARM	0	0	0	B 29	B 98	-	-	420	124	22	0	-	-	1033
WILMINGTON WSO ARPT	R 0	0	0	16	46	257	247	388	100	21	0	0	1075	1046
WILMINGTON PORTER RSVR	0	0	0	21	59	263	255	396	108	17	1	0	1120	930
SOUTHERN DOVER	0	0	0	32	72	279	277	398	134	50	3	0	1245	1199

Heating Degree Days data found in July issue of Climatological Data

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHRENHEIT

MARYLAND AND DELAWARE
2001

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
GREENWOOD 2 NE	0	0	0	23	58	268	237	-	111	34	3	1	-	
LEWES	0	0	0	42	89	309	313	429	174	54	B 10	2	B1422	1066
MILFORD 2 SE	B 0	B 0	0	24	B 51	B 274	B 272	357	133	B 31	B 3	B 2	B1147	1104

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 1871	1555	B 1474	1250	B 1046	B 1424	B 2011	-	-	-
	EVAP	-	-	-	B 4.60	B 5.96	B 6.74	B 7.30	B 5.78	B 5.34	B 5.00	-	-	-
	MAX TEMP	-	-	-	M 72.1	M 83.5	M -	M -	-	-	-	-	-	M -
	MIN TEMP	-	-	-	M 50.1	M 57.1	M -	M -	-	-	-	-	-	M -
UPPER MARLBORO	3 NNW													
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	B 4.94	-	-	B 6.92	5.79	-	-	B 3.22	-	-
	MAX TEMP	-	-	-	68.8	-	-	92.4	94.3	-	-	M 62.3	-	M -
	MIN TEMP	-	-	-	40.9	-	-	64.7	69.1	-	-	M 40.5	-	M -
ALLEGHENY PLATEAU	08													
SAVAGE RIVER DAM														
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE														
NORTHERN	01													
NEWARK UNIVERSITY 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	
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	77	77	0			C H
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	39 0	76 30W	25	44	44	0			H
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	35	35	0			H
BALTIMORE WSO ARPT R	0465	04	ANNE ARUNDEL	39 10	76 41W	148	68	68	0			C HJ
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 56W	145	64	64	61			C H
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	36	36	0			H
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	97	97	0			H
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	34	34	0			H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	67	67	0			H
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	30	30	0			H
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	36	36	0			H
DALECARLIA RESERVOIR	2325	04	DISTRICT OF	38 56	77 7W	150	57	57	0			H
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	9	9	0			H
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 17W	416	47	47	0			H
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	30	30	0			H
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	31	31	0			H
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	82	82	0			H
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 37	77 44W	560	5	5	0			H
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	112	112	0			H
MD SCI CTR BALTIMORE R	5718	04	BALTIMORE (C	39 17	76 37W	20	3	3	0			C H
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 27	76 41W	100	41	41	0			H
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	16	16	0			C H
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	105	105	0		APR	H
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 55	76 58W	50	56	56	0			H
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	105	105	0			H
OXON HILL	6800	03	PRINCE GEORG	38 48	77 0W	120	1	1	0	OCT		H
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270	0	41	0			H
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	54	54	0			H
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 9W	440	55	55	0			H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	55	55	0			H
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	96	96	0			H
SALISBURY POLICE BRKS	8003	01	WICOMICO	38 25	75 34W	40	1	1	0	NOV		H
SALISBURY FAA ARPT #	8005	01	WICOMICO	38 20	75 31W	48	55	55	0			H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	52	55	52			C H
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	4	4	0			H
SMITHSBURG 2 NW	8371	06	WASHINGTON	39 40	77 35W	670	1	1	0	OCT		H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	87	87	0			H
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	45	45	45			H
VIENNA	9140	02	DORCHESTER	38 29	75 49W	10	54	54	0			H
DELAWARE												
DOVER	2730	02	KENT	39 9	75 31W	30	115	114	0			H
GREENWOOD 2 NE	3595	02	SUSSEX	38 49	75 35W	45	18	18	0			H
LEWES	5320	02	SUSSEX	38 47	75 8W	15	59	59	0			H
MILFORD 2 SE	5915	02	SUSSEX	38 54	75 26W	35	97	97	0			H
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 45W	90	90	90	46			C H
WILMINGTON WSO ARPT R	9595	01	NEW CASTLE	39 40	75 36W	74	55	55	0			C HJ
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	91	91	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 1993, the averaging period is 1961 to 1990. 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.

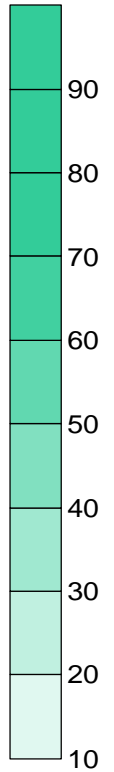
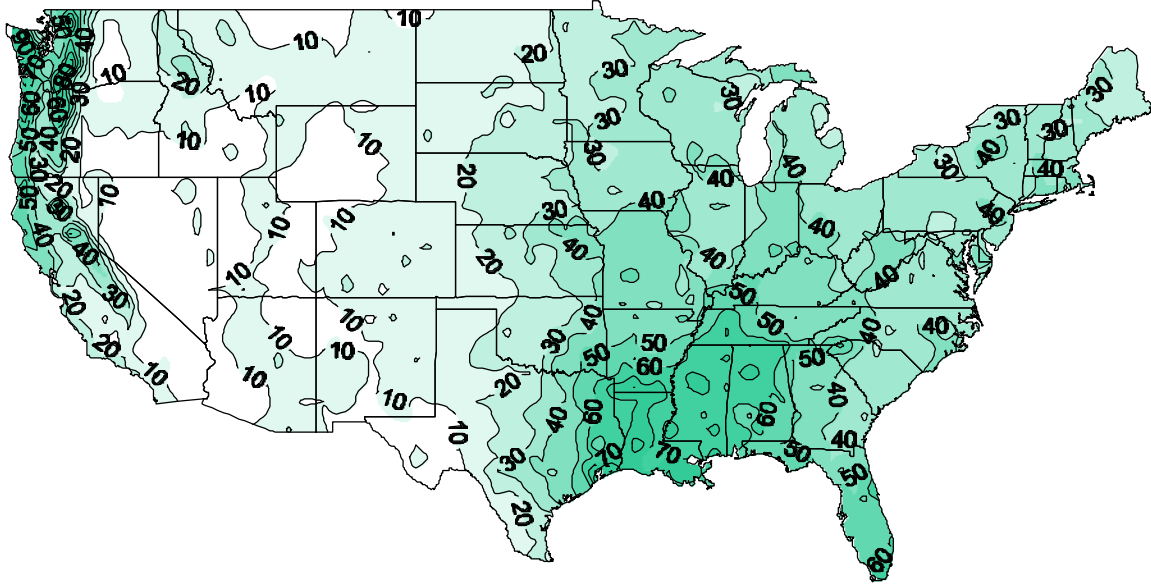
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Similar historical information of regular National Weather Service Offices is available from the "Local Climatological Data" annual bulletin.

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.

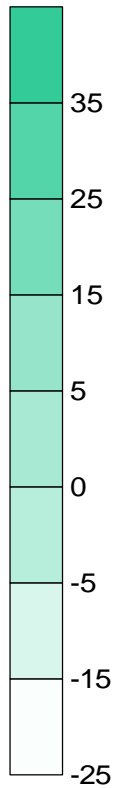
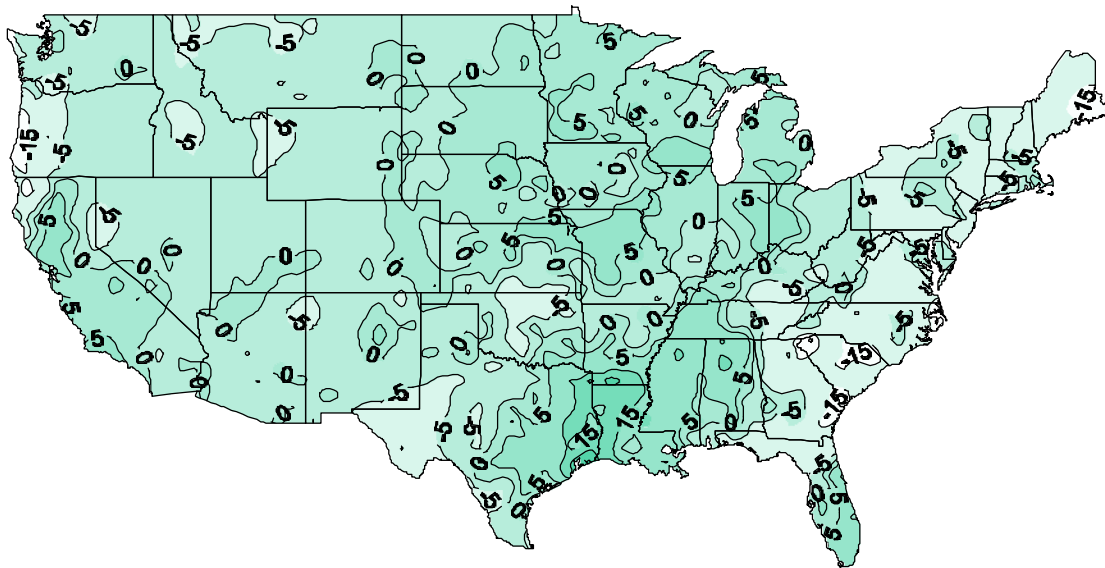
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Total Precipitation (Inches)
Annual 2001

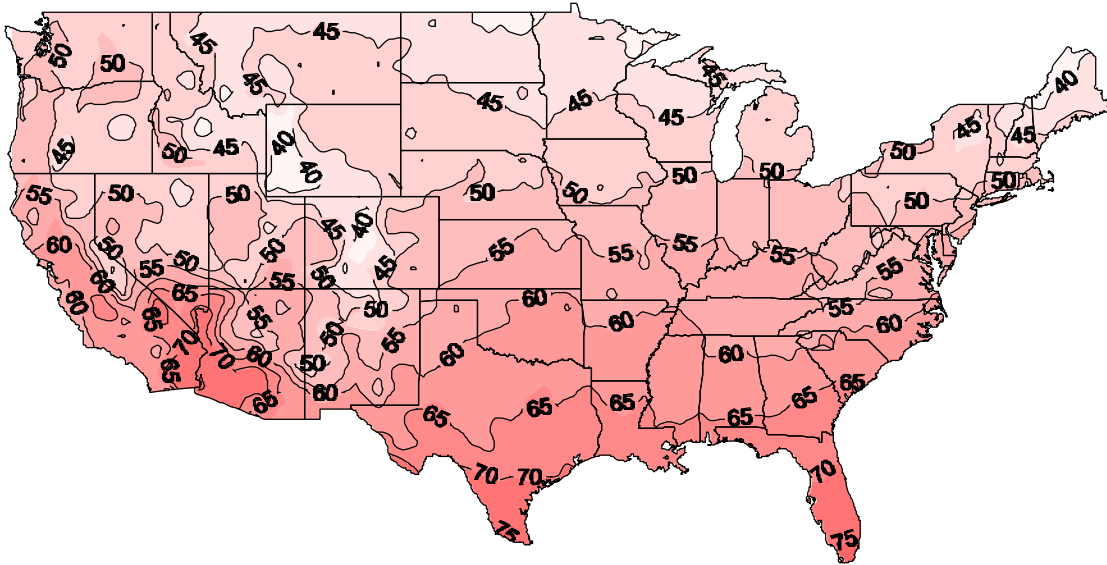


Departure From Normal Precipitation
Annual 2001

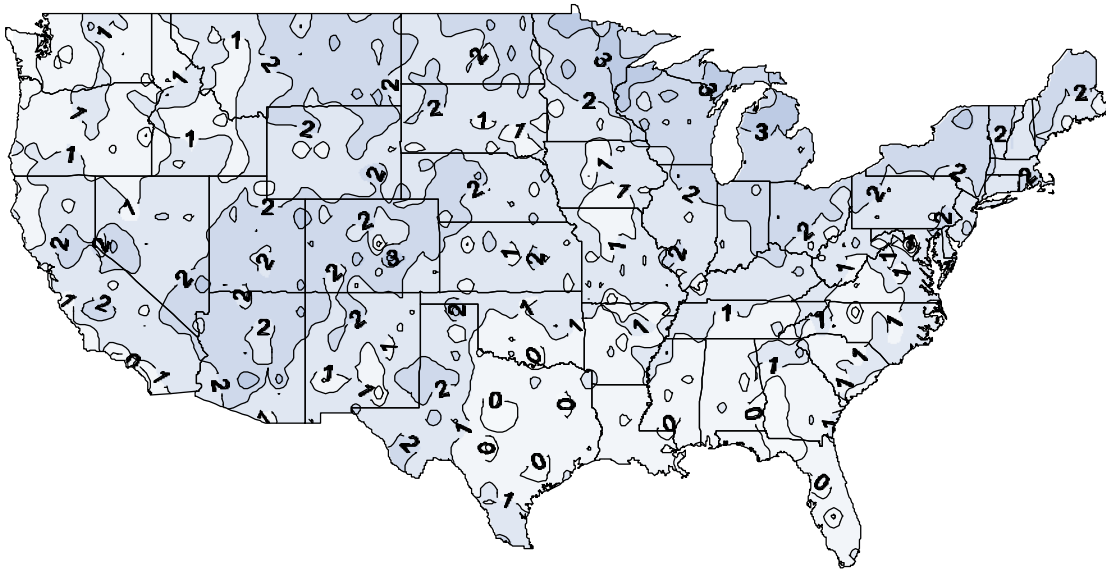


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

Average Temperature (Degrees F)
Annual 2001

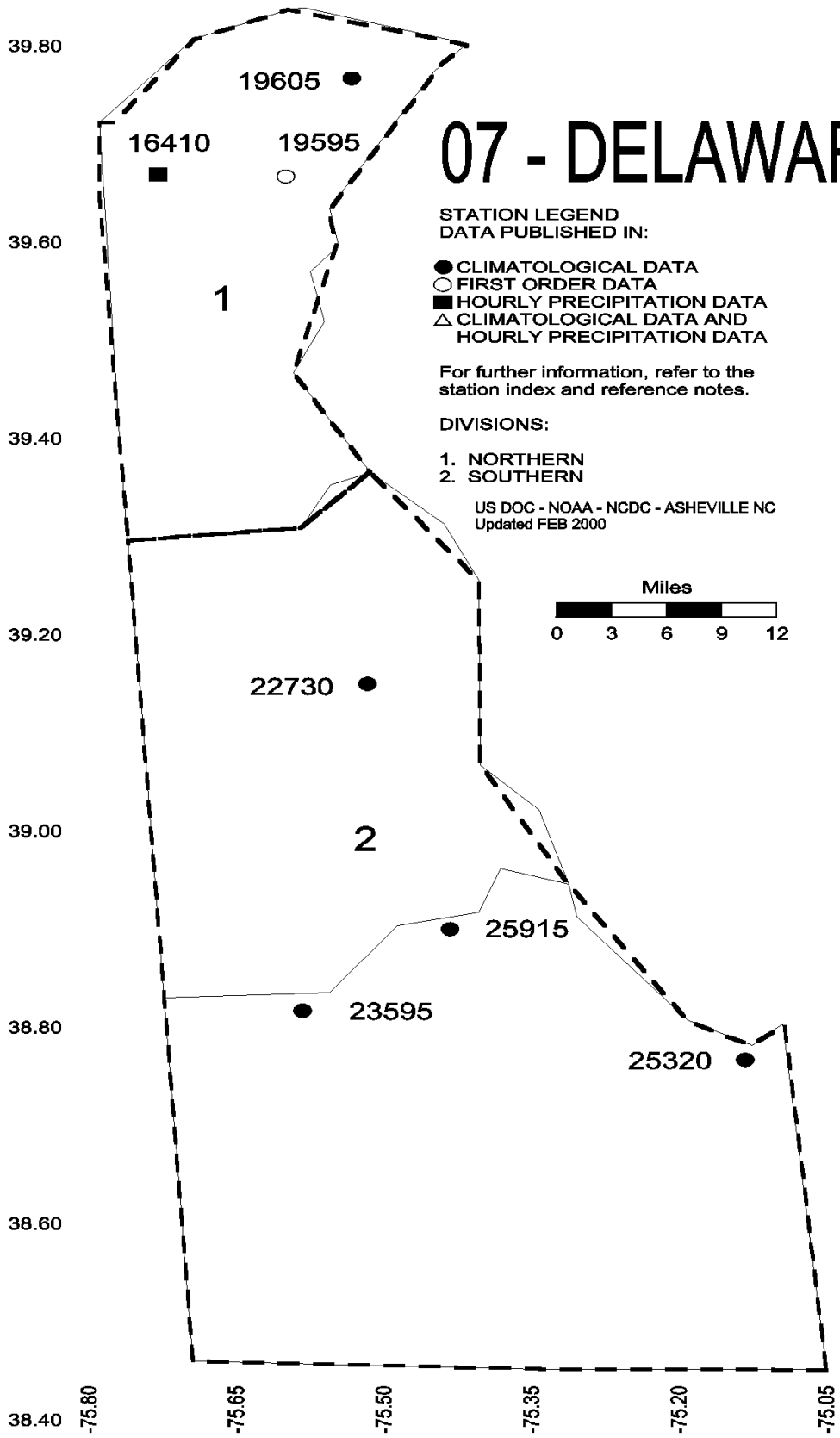


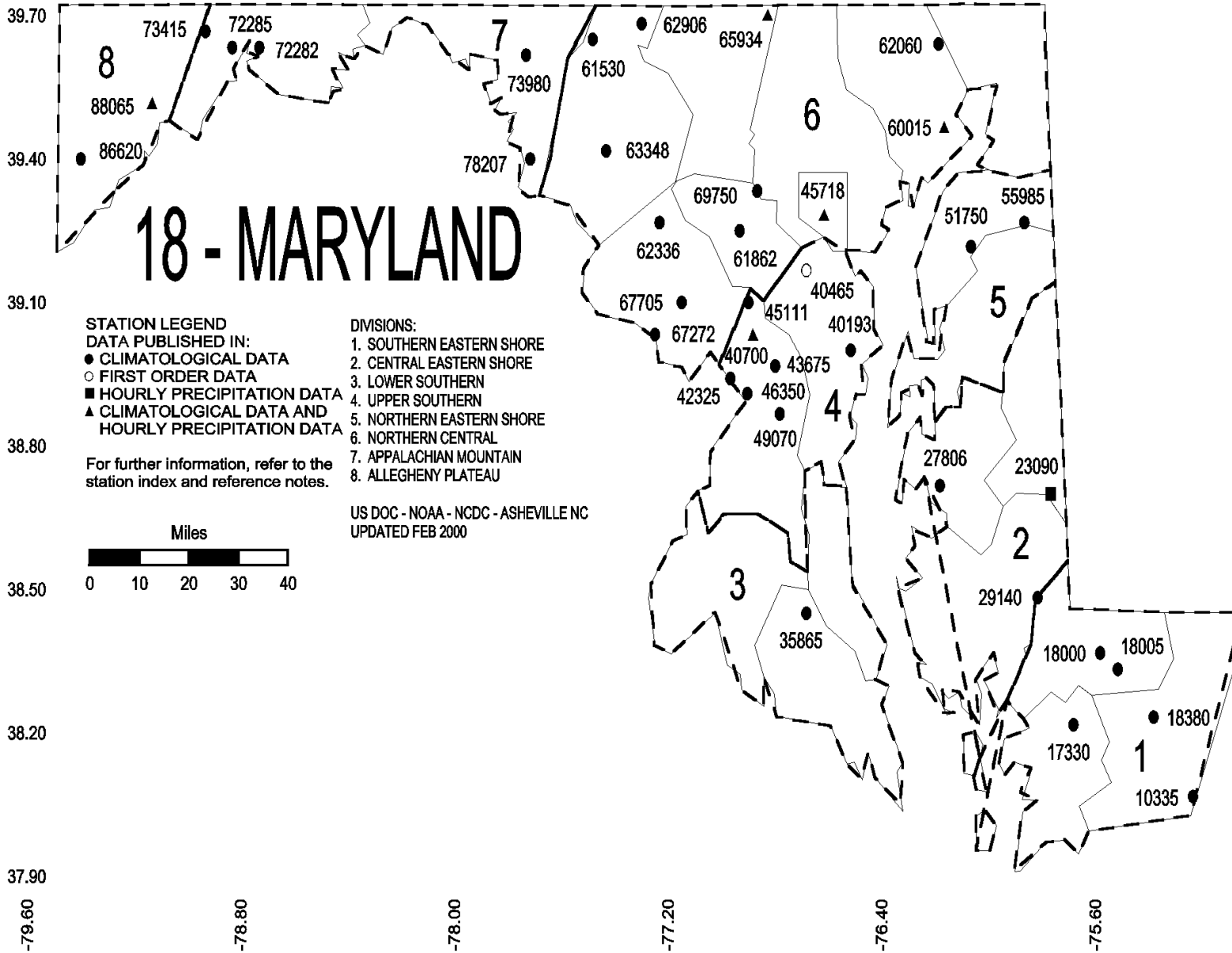
Departure of Average Temperature from Normal (Degrees F)
Annual 2001



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.

07 - DELAWARE





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 summarizes 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 the 3 hourly weather observations for that month and an hourly summary of precipitation. Annual **LCD** publications contain a summary of the past calendar year as well as historical averages and extremes.

For Information Call:

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