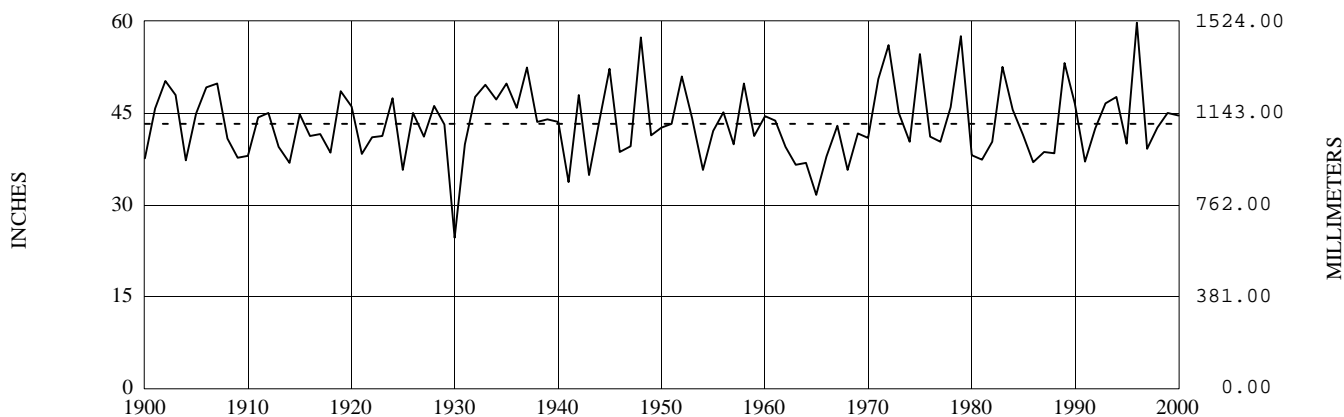


CLIMATOLOGICAL DATA ANNUAL SUMMARY

MARYLAND AND
DELAWARE
2000

VOLUME 124 NUMBER 13

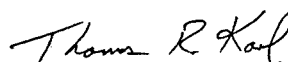
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----- Long-Term Average 43.16 inches

MARYLAND AND DELAWARE PRECIPITATION, 1900-2000

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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	4.04		3.51		3.77		3.89		2.84		M 2.05	
PRINCESS ANNE	M 2.90		1.89	-1.36	6.65	2.81	4.50	1.23	2.60	- .75	5.88	2.70
SALISBURY	4.35	.59	1.99	-1.48	6.78	2.54	4.98	1.68	1.99	-1.51	5.61	1.96
SALISBURY FAA ARPT	4.09	.45	2.17	-1.29	6.23	2.07	4.25	1.05	2.68	- .96	7.34	3.71
SNOW HILL 4 N	4.09	.29	1.94	-1.67	7.59	3.29	4.34	1.13	2.51	-1.01	6.45	3.02
--DIVISIONAL DATA----->	4.14	.50	2.30	-1.13	6.20	2.08	4.39	1.22	2.52	- .94	6.32	2.93
CENTRAL EASTERN SHORE 02												
ROYAL OAK 2 SSW	4.17	.60	1.73	-1.57	5.55	1.75	4.05	.63	2.30	-1.93	4.76	1.15
VIENNA	M 2.31		M .85		6.51	2.74	M 2.96		3.03	- .48	M 8.63	
--DIVISIONAL DATA----->	4.17	.59	1.73	-1.53	6.03	2.29	4.05	.70	2.67	-1.28	4.76	1.11
LOWER SOUTHERN 03												
MECHANICSVILLE 5 NE	M 3.90		1.56	-1.82	4.64	.67	4.25	.84	2.98	-1.14	4.08	.02
--DIVISIONAL DATA----->			1.56	-1.48	4.64	.95	4.25	1.06	2.98	-1.10	4.08	.36
UPPER SOUTHERN 04												
ANNAPOLIS POLICE BRKS	M 3.29		2.09	-1.09	5.86	2.23	5.39	1.99	3.91	- .15	5.02	1.67
BALTIMORE WSO ARPT R	3.64	.59	2.01	-1.11	4.35	.97	5.06	1.97	2.82	- .90	5.54	1.87
BELTSVILLE	3.94	1.07	2.15	- .48	3.86	.61	3.80	.50	2.41	-1.91	4.99	1.49
DALECARLIA RESERVOIR	2.18	- .79	2.64	- .35	3.75	.23	5.22	1.72	2.04	-2.15	5.04	1.43
GLENN DALE BELL STN	3.94	.93	1.97	- .83	M 3.99		4.54	1.11	M 2.87		5.53	1.67
LAUREL 3 W	3.37	.49	2.28	- .63	4.49	1.01	4.56	1.15	3.25	-1.28	6.56	2.85
MD SCI CTR BALTIMORE R	3.40		2.18		4.03		5.10		1.21		2.71	
NATIONAL ARBORETUM DC	3.82	.68	1.96	-1.05	4.65	1.31	4.79	1.52	2.77	-1.40	4.48	.68
UPPER MARLBORO 3 NNW	3.59	.44	2.26	- .48	4.33	.97	4.45	1.07	3.34	- .75	4.97	1.11
--DIVISIONAL DATA----->	3.49	.44	2.17	- .77	4.42	1.01	4.77	1.45	2.72	-1.50	4.98	1.28
NORTHERN EASTERN SHORE 05												
CHESTERTOWN	3.56	.38	2.42	- .64	5.96	2.31	5.20	1.96	3.24	- .79	4.29	- .06
MILLINGTON 1 SE	M 3.56		2.22	- .75	6.44	2.88	4.55	1.22	3.03	- .99	4.64	.62
--DIVISIONAL DATA----->	3.56	.29	2.32	- .72	6.20	2.65	4.88	1.60	3.14	- .87	4.47	.48
NORTHERN CENTRAL 06												
ABERDEEN PHILLIPS FIEL	3.36	.32	1.91	- .79	6.64	3.35	3.90	.34	3.38	- .69	3.26	-1.16
CATOCTIN MOUNTAIN PARK	3.07		3.27		5.62		4.85		5.31		4.95	
CLARKSVILLE 3 NNE	M 1.65		2.22		3.89		4.29		2.94		3.22	
CONOWINGO DAM	3.04	- .34	M 1.00		M 6.68		5.35	1.59	M 3.35		M 2.84	
DAMASCUS 3 SSW	3.49		3.17		4.72		4.45		2.91		4.56	
EMMITSBURG 2 SE	3.18	.07	2.67	- .40	4.59	1.06	4.27	.50	3.99	- .36	4.31	.30
FREDERICK POLICE BRKS	2.74		1.54		3.83		4.46		2.57		4.77	
MILLERS 4 NE	3.06		2.54		5.03		4.21		4.40		4.19	
POTOMAC FILTER PLANT	2.51	- .02	2.27	- .25	3.72	.78	6.40	3.41	2.25	-1.50	4.33	.65
ROCKVILLE 1 NE	3.63	.78	2.23	- .60	3.67	.31	4.02	.83	2.32	-1.86	3.62	- .14
WOODSTOCK	M 3.20		M 2.44		M 4.75		M 4.42		M 3.48		M 4.11	
--DIVISIONAL DATA----->	3.20	.12	2.44	- .53	4.75	1.22	4.42	.89	3.48	- .89	4.11	.13
APPALACHIAN MOUNTAIN 07												
CUMBERLAND 2	1.52	- .86	3.09	.80	2.71	- .37	3.48	.29	3.96	.30	2.65	- .69
CUMBERLAND POLICE BRK	M 2.00		M 2.42		3.14		3.47		3.64		1.84	
FROSTBURG 2	1.64		3.78		1.89		4.07		4.52		3.43	
HAGERSTOWN POLICE BRK	.63		M .31		.42		M 1.64		5.15		M 2.92	
SHARPSBURG 5 S	2.41		1.81		4.38		3.43		2.17		6.22	
--DIVISIONAL DATA----->	1.55	-1.06	2.89	.34	2.51	- .80	3.61	.17	3.89	- .04	3.54	.09
ALLEGHENY PLATEAU 08												
OAKLAND 1 SE	2.32	- .87	5.00	2.05	3.03	-1.04	3.45	- .89	4.48	- .23	5.72	1.34
SAVAGE RIVER DAM	1.44	- .96	3.64	1.40	2.59	- .66	2.30	-1.11	4.15	.22	4.29	.94
--DIVISIONAL DATA----->	1.88	-1.30	4.32	1.37	2.81	-1.15	2.88	-1.19	4.32	- .05	5.01	.93
DELAWARE												
NORTHERN 01												

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	5.92		2.92		4.92		.00		1.14		M 2.56		M 37.56	
PRINCESS ANNE	5.95	1.95	3.61	-1.48	3.38	-.37	.00	-3.25	1.63	-1.51	M			
SALISBURY	5.83	1.81	4.24	-.75	5.66	2.11	.15	-3.08	2.05	-1.02	1.60	-1.93	45.23	.92
SALISBURY FAA ARPT	6.15	1.82	4.44	-.89	4.36	.67	.13	-3.29	2.46	-.69	2.05	-1.63	46.35	1.02
SNOW HILL 4 N	5.44	1.34	4.64	-.73	3.87	.58	.01	-3.23	1.80	-1.42	2.27	-1.17	44.95	.42
--DIVISIONAL DATA----->	5.86	1.81	3.97	-.90	4.44	1.03	.06	-3.12	1.82	-1.30	1.97	-1.44	43.99	.74
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	9.25	5.29	3.43	-.80	4.58	.94	.07	-3.08	2.73	-.69	2.28	-1.44	44.90	.85
VIENNA	M 6.85		4.61	-.26	3.37	-.30	.08	-2.92	2.88	-.28	M 4.04		M	
--DIVISIONAL DATA----->	9.25	5.31	4.02	-.38	3.98	.47	.08	-2.99	2.81	-.51	2.28	-1.28	45.83	2.50
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	9.44	5.22	5.35	1.29	5.32	1.57	.03	-3.40	2.62	-.89	4.58	1.24	M 48.75	
--DIVISIONAL DATA----->	9.44	5.48	5.35	1.38	5.32	1.65	.03	-3.21	2.62	-.77	4.58	1.25		
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	8.79	5.21	6.24	2.34	8.54	5.28	.26	-3.05	1.82	-1.63	3.76	.32	M 54.97	
BALTIMORE WSO ARPT R	5.64	1.95	3.18	-.74	5.55	2.14	.08	-2.90	1.73	-1.59	2.31	-1.10	41.91	1.15
BELTSVILLE	6.14	2.05	3.68	-.46	5.91	2.20	.15	-3.22	1.32	-1.92	2.63	-.72	40.98	-.79
DALECARLIA RESERVOIR			5.50	1.21	4.63	1.05	.22	-3.28	1.67	-1.82	2.48	-.98		
GLENN DALE BELL STN	6.02	1.86	3.25	-1.07	5.81	2.19	.12	-3.31	1.86	-1.64	2.81	-.47	M 42.71	
LAUREL 3 W	5.13	1.15	3.72	-.23	4.92	1.27	.16	-3.25	1.61	-2.22	3.40	-.02	43.45	.29
MD SCI CTR BALTIMORE R	7.56		3.20		5.44		.13		1.98		2.44		39.38	
NATIONAL ARBORETUM DC	4.76	.38	4.40	.01	3.76	.16	T .00	-3.28	2.60	-.80	3.43	.10	41.42	-1.69
UPPER MARLBORO 3 NNW	7.41	3.39	4.07	.11	6.65	3.05	.10	-3.36	1.86	-1.48	M 3.11		M 46.14	
--DIVISIONAL DATA----->	6.43	2.42	4.14	-.03	5.69	2.11	.14	-3.17	1.83	-1.57	2.91	-.46	43.69	1.21
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	7.70	4.00	2.95	-1.01	5.31	1.67	.31	-2.83	1.93	-1.46	3.32	-.45	46.19	3.08
MILLINGTON 1 SE	5.87	2.08	5.39	1.32	6.02	2.27	.65	-2.48	2.29	-1.02	M 2.04			
--DIVISIONAL DATA----->	6.79	2.99	4.17	.29	5.67	2.02	.48	-2.66	2.11	-1.28	3.32	-.37	47.11	4.42
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	5.01	1.05	3.89	-.54	3.90	.01	.04	-3.09	1.79	-1.53	3.36	-.25	40.44	-2.98
CATOCTIN MOUNTAIN PARK	5.36		6.71		4.75		.87		2.28		2.97		50.01	
CLARKSVILLE 3 NNE	3.89		M		6.13		.28		1.88		2.87			
CONOWINGO DAM	8.19	3.95	4.04	-.42	M		.36	-2.87	2.00	-1.74	M 3.88			
DAMASCUS 3 SSW	4.66		6.67		6.46		.42		2.06		2.98		46.55	
EMMITSBURG 2 SE	6.63	3.39	2.84	-.77	6.15	2.18	.63	-2.82	2.42	-1.27	2.33	-.94	44.01	.94
FREDERICK POLICE BRKS	4.31		3.55		7.70		.27		1.92		3.63		41.29	
MILLERS 4 NE	4.58		1.71		6.56		.36		1.73		3.52		41.89	
POTOMAC FILTER PLANT	4.35	.80	4.71	1.10	5.31	1.66	.04	-2.99	1.67	-1.62	2.14	-.89	39.70	1.13
ROCKVILLE 1 NE	5.38	1.67	3.05	-.94	4.80	1.27	.12	-3.22	1.74	-1.56	2.10	-.97	36.68	-4.43
WOODSTOCK														
--DIVISIONAL DATA----->	5.33	1.53	4.06	.21	5.81	2.10	.37	-2.97	1.98	-1.60	2.97	-.50	42.92	-.29
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	3.26	-.11	5.41	2.11	6.27	3.19	.79	-1.98	2.16	-.60	1.91	-.70	37.21	1.38
CUMBERLAND POLICE BRK	4.37		M 3.23		8.14		.70		1.96		M 1.05		M	
FROSTBURG 2	2.67		5.40		4.79		.78		2.17		1.63		36.77	
HAGERSTOWN POLICE BRK	2.49		M 1.28		2.20		.20		1.74		2.50		M	
SHARPSBURG 5 S	7.71		3.20		6.09		.33		1.92		2.51		M 42.18	
--DIVISIONAL DATA----->	4.10	.56	4.67	1.33	6.32	3.12	.62	-2.55	1.99	-1.12	2.14	-.68	37.83	-.64
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	5.52	.40	3.66	-.51	4.10	.83	.97	-2.22	2.58	-1.06	2.05	-1.69	42.88	-3.89
SAVAGE RIVER DAM	4.02	-.19	M		5.80	2.69	.83	-2.10	1.84	-1.01	1.50	-1.24		
--DIVISIONAL DATA----->	4.77	-.09	3.66	-.17	4.95	1.63	.90	-2.27	2.21	-1.35	1.78	-1.90	39.49	-5.54
DELAWARE														
NORTHERN 01														

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
NEWARK UNIVERSITY FARM	2.39	-.59	2.32	-.41	8.38	5.12	3.51	.02	3.41	-.74	5.33	1.48
WILMINGTON WSO ARPT R	2.45	-.58	1.95	-.96	9.87	6.44	3.33	-.06	2.94	-.90	4.83	1.28
WILMINGTON PORTER RSVR	3.41	-.06	1.92	-1.13	9.63	5.82	3.11	-.90	3.79	-.54	6.23	2.17
--DIVISIONAL DATA----->	2.75	-.43	2.06	-.79	9.29	5.82	3.32	-.25	3.38	-.67	5.46	1.70
SOUTHERN 02												
DOVER	3.34	-.04	2.92	-.01	7.97	4.17	4.39	.89	3.25	-.74	3.97	.12
GREENWOOD 2 NE M	3.57		1.94		6.83		3.67		4.17		4.10	
LEWES	4.12	.36	2.05	-1.25	5.87	1.76	3.41	-.15	3.62	-.14	4.76	1.38
MILFORD 2 SE			1.89	-1.29	6.72	2.76	4.10	.62	4.52	.56	5.31	1.87
--DIVISIONAL DATA----->	3.73	.09	2.20	-.98	6.85	2.91	3.89	.41	3.89	.01	4.54	1.05

MARYLAND AND DELAWARE
2000

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.	
NEWARK UNIVERSITY FARM	3.95	-.57	3.90	-.10	6.67	2.99	.50	-2.67	M	2.54	-.73	4.62	1.12		
WILMINGTON WSO ARPT R	4.64	.41	2.47	-.93	7.30	3.87	.08	-2.80		2.84	-.96	2.80	-.68	45.20	4.36
WILMINGTON PORTER RSVR	6.15	1.76	2.73	-1.32	5.93	1.98	.69	-2.61		2.84	-.96	M 3.93		M 50.36	
--DIVISIONAL DATA----->	4.91	.69	3.03	-.60	6.63	3.01	.42	-2.71		2.69	-.72	3.71	.15	47.65	5.20
SOUTHERN 02															
DOVER	5.18	1.03	7.82	3.57	5.99	1.65	.26	-3.00		3.00	-.15	3.39	-.15	51.48	7.34
GREENWOOD 2 NE	6.42		3.10		6.48		.09			2.47		M 3.54		M 46.38	
LEWES	9.42	5.44	4.69	-.55	6.46	3.37	.04	-3.13		2.84	-.44	M 2.11		M 49.39	
MILFORD 2 SE	6.79	3.19	5.75	1.44	6.08	2.35	M .10			2.09	-1.19	2.24	-1.39		
--DIVISIONAL DATA----->	6.95	3.06	5.34	.56	6.25	2.61	.13	-3.10		2.60	-.61	2.82	-.77	49.19	5.24

MARYLAND AND DELAWARE
2000

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	
--DIVISIONAL DATA----->	27.1	2.3	34.4	7.3	42.6	5.8	48.1	1.3	60.5	3.9	67.9	3.7	66.2	-1.8	66.4	-.5	60.7	.1	52.8	3.3	37.1	-2.9	22.7	-6.9	48.9	1.3	
DELAWARE																											
NORTHERN 01																											
NEWARK UNIVERSITY FARM	M32.9	1.6	38.9	4.8	49.0	5.8	53.1	.5	65.6	2.5	74.0	2.3	73.6	-2.4	73.6	-1.0	65.7	-2.3	57.8	1.3	M		31.3	-4.8	M		
WILMINGTON WSO ARPT R	31.5	.9	36.6	3.2	47.3	4.6	51.9	-.3	63.8	1.3	72.0	.5	72.9	-3.5	72.7	-2.3	65.0	-3.0	56.4	.2	44.2	-2.1	30.1	-5.7	53.7	-.5	
WILMINGTON PORTER RSVR	30.9	.8	36.2	3.5	47.1	5.3	51.6	.1	64.1	2.2	71.9	1.1	72.9	-2.3	72.6	-1.2	65.0	-1.8	M56.7	1.1	43.9	-1.8	29.2	-6.1	M53.5	.1	
--DIVISIONAL DATA----->	31.8	1.0	37.2	3.7	47.8	5.1	52.2	.0	64.5	1.9	72.6	1.1	73.1	-2.8	73.0	-1.5	65.2	-2.5	57.0	.8	44.1	-2.2	30.2	-5.7	54.1	.0	
SOUTHERN 02																											
DOVER	33.9	.1	40.4	4.0	48.8	3.8	52.7	-1.4	65.4	1.2	73.7	.9	72.8	-4.4	73.4	-2.5	67.1	-2.5	59.2	.6	M45.5	-3.5	31.6	-7.2	M55.4	-.9	
GREENWOOD 2 NE	33.0		38.9		48.5		52.3		64.2		72.8		72.9		72.8		65.8		57.2		44.7		31.1		54.5		
LEWES	36.6	2.1	42.7	6.1	51.0	6.4	54.6	1.3	66.8	3.9	75.2	3.6	75.2	-.7	75.3	.4	69.8	.6	60.4	2.0	47.3	-2.2	34.3	-5.4	57.4	1.5	
MILFORD 2 SE			38.8	3.1	M48.7	3.8	52.1	-1.5	65.1	1.4	73.3	1.0	M73.3	-3.3	73.3	-1.8	66.5	-2.1	M57.7	-1.1	M44.9	-3.4	32.1	-6.3	M		
--DIVISIONAL DATA----->	34.5	.8	40.2	4.3	49.3	4.7	52.9	-.5	65.4	2.1	73.8	1.7	73.6	-2.8	73.7	-1.4	67.3	-1.4	58.6	.9	45.6	-2.9	32.3	-6.3	55.6	.0	

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.					
DOVER	93	6/11	9	1/28	2/ 3	16	2/13	20	3/18	24	3/18	24	3/19	32	11/16	27	11/16	27	11/22	24	11/24	20	12/21	15	322	285	249	243	242
GREENWOOD 2 NE	94	6/13	6	1/30	2/ 4	16	2/13	20	3/18	24	3/18	24	4/ 1	32	10/30	31	11/16	25	11/23	22	11/24	20	12/21	15	321	285	250	243	212
LEWES	95	8/ 7	11	1/18	1/30	13	2/ 3	20	2/ 9	23	2/16	28	3/18	29	11/16	29	11/21	28	12/ 5	24	12/21	19	12/23	12	328	322	300	279	243
MILFORD 2 SE	94	6/13			2/ 4	13	2/14	20	2/14	20	3/20	27	3/20	27	10/30	32	11/15	26	11/23	23	11/24	19	12/21	15	321	284	283	240	224

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

MARYLAND AND DELAWARE
2000

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	0	66	B 184	264	B 330	190	40	0	0	B1074	
PRINCESS ANNE	-	-	-	-	-	-	-	-	-	-	-	-	-	1097
SALISBURY	1	0	2	5	B 174	B 337	B 295	321	153	23	0	0	B1311	1190
SALISBURY FAA ARPT	0	0	2	4	109	275	270	299	143	24	0	0	1126	1096
SNOW HILL 4 N	0	0	2	5	143	317	280	282	144	36	0	0	1209	1053
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	0	0	3	170	304	294	327	174	28	0	0	1300	1245
VIENNA	0	B 0	B 5	3	B 155	315	B 341	363	161	B 40	B 0	B 0	B1383	1292
LOWER SOUTHERN MECHANICSVILLE 5 NE 03														
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04														
BALTIMORE WSO ARPT R	0	0	0	1	135	298	305	327	B 164	13	B 0	0	B1243	1271
BELTSVILLE	0	0	0	7	102	261	254	282	115	17	0	0	1005	1137
DALECARLIA RESERVOIR	0	0	0	9	184	335	-	345	B 204	37	0	0	1064	954
GLENN DALE BELL STN	0	0	B 0	B 2	B 98	243	221	252	116	14	0	0	B 946	984
LAUREL 3 W	0	1	0	6	135	B 283	277	296	137	37	0	0	B1172	1165
MD SCI CTR BALTIMORE R	0	0	6	9	169	347	354	352	160	42	0	0	1439	
NATIONAL ARBORETUM DC	0	0	4	10	154	311	312	331	162	26	0	B 0	B1310	1160
UPPER MARLBORO 3 NNW	0	0	3	7	126	259	229	254	120	16	0	B 0	B1014	944
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	0	0	5	113	259	246	264	114	17	0	0	1018	1139
MILLINGTON 1 SE	-	B 0	B 0	B 3	B 93	B 263	-	B 242	B 98	B 23	-	B 0	-	980
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06														
CATOCTIN MOUNTAIN PARK	0	B 0	B 0	-	B 127	B 239	-	B 319	B 172	B 35	-	-	-	1087
CLARKSVILLE 3 NNE	0	0	9	2	B 92	183	133	142	96	21	0	0	B 678	
CONOWINGO DAM	0	0	0	4	89	214	B 194	-	113	14	0	0	-	
DAMASCUS 3 SSW	0	0	2	3	B 107	B 262	B 299	B 301	-	20	B 0	B 0	-	935
EMMITSBURG 2 SE	0	0	0	0	96	191	160	182	94	13	0	0	741	
FREDERICK POLICE BRKS	0	0	0	0	80	216	186	208	117	12	0	0	819	811
MILLERS 4 NE	0	0	B 0	3	120	293	267	277	132	25	0	0	B1117	
ROCKVILLE 1 NE	0	0	1	3	87	206	178	199	106	13	0	0	793	
WOODSTOCK	0	0	5	6	122	B 262	245	B 272	120	17	0	0	B1049	889
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	0	1	4	99	247	222	211	116	17	0	0	917	952
CUMBERLAND POLICE BRK	0	0	3	1	95	181	173	B 179	116	10	0	0	B 758	
FROSTBURG 2	0	0	0	0	50	113	58	79	49	3	0	0	352	
HAGERSTOWN POLICE BRK	0	0	2	1	B 110	239	187	207	120	14	0	B 0	B 880	
SHARPSBURG 5 S	0	0	1	7	78	214	167	B 193	108	B 11	0	0	B 779	
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	0	0	1	0	25	115	68	88	52	2	0	0	351	277
SAVAGE RIVER DAM	0	0	0	0	46	150	77	-	59	2	0	0	-	388
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	B 0	0	1	0	108	286	272	272	118	22	-	0	-	1033
WILMINGTON WSO ARPT R	0	0	0	3	89	230	253	247	106	11	0	0	939	1046
WILMINGTON PORTER RSVR	0	0	0	2	93	234	254	243	108	B 14	0	0	B 948	930
SOUTHERN 02														
DOVER	0	0	0	0	124	279	250	267	134	31	B 0	0	B1085	1199
GREENWOOD 2 NE	0	0	2	0	95	255	254	250	115	16	0	0	987	
LEWES	1	0	3	2	151	323	325	328	180	41	0	0	1354	1066

Heating Degree Days data found in July issue of Climatological Data

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHRENHEIT

MARYLAND AND DELAWARE
 2000

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
MILFORD 2 SE	-	0	B 3	1	116	268	B 264	264	122	B 15	B 0	0	-	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 2072	1323	1307	1278	-	-	B 1266	-	-	-
	EVAP	-	-	-	B 3.86	B 5.49	6.03	6.21	-	-	B 3.95	-	-	-
	MAX TEMP	-	-	-	M 63.3	M -	M 82.9	M 82.3	M -	M -	M -	-	-	M -
	MIN TEMP	-	-	-	M 40.5	M -	M 60.5	M 62.6	M -	M -	M -	-	-	M -
UPPER MARLBORO	3 NNW													
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	B 4.37	B 5.33	B 5.93	5.48	-	-	B 3.30	-	-	-
	MAX TEMP	-	-	-	67.6	83.1	91.3	90.4	-	82.4	73.9	M 58.4	-	M -
	MIN TEMP	-	-	-	44.6	56.6	64.5	66.1	-	59.1	47.2	M 39.2	-	M -
ALLEGHENY PLATEAU	08													
SAVAGE RIVER DAM														
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE														
NORTHERN	01													
NEWARK UNIVERSITY FARM														
	WIND	-	-	-	-	-	380	B 480	-	-	-	-	-	-
	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 FIEL	0015	06	HARFORD	39 28	76 10W	57	76	76	0			C H
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	39 0	76 31W	25	43	43	0			H
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	34	34	0			H
BALTIMORE WSO ARPT R	0465	04	ANNE ARUNDEL	39 10	76 41W	148	67	67	0			C HJ
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	145	63	63	60			C H
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	35	35	0			H
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	96	96	0			H
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	33	33	0			H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	66	66	0			H
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	29	29	0			H
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	35	35	0			H
DALECARLIA RESERVOIR	2325	04	DISTRICT OF	38 56	77 7W	150	56	56	0			H
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	8	8	0			H
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	46	46	0			H
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	29	29	0			H
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	30	30	0			H
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	81	81	0			H
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 37	77 44W	560	4	4	0			H
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	111	111	0			H
MD SCI CTR BALTIMORE R	5718	04	BALTIMORE (C	39 17	76 37W	20	2	2	0			C H
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 27	76 41W	100	40	40	0			H
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	15	15	0			C H
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	104	104	0			H
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 54	76 59W	50	55	55	0			H
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	104	104	0			H
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270	0	40	0			H
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	53	53	0			H
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 9W	440	54	54	0			H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	54	54	0			H
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	95	95	0			H
SALISBURY FAA ARPT #	8005	01	WICOMICO	38 20	75 31W	50	54	54	0			H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	51	54	51			C H
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	3	3	0			H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	86	86	0			H
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	44	44	44			H
VIENNA	9140	02	DORCHESTER	38 29	75 49W	10	53	53	0			H
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	132	132	0		FEB	H
DELAWARE												
DOVER	2730	02	KENT	39 9	75 31W	30	114	113	0			H
GREENWOOD 2 NE	3595	02	SUSSEX	38 49	75 35W	45	17	17	0			H
LEWES	5320	02	SUSSEX	38 46	75 8W	15	58	58	0			H
MILFORD 2 SE	5915	02	SUSSEX	38 54	75 26W	35	96	96	0			H
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	89	89	45			C H
WILMINGTON WSO ARPT R	9595	01	NEW CASTLE	39 40	75 36W	74	54	54	0			C HJ
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	90	90	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.

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

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07 - DELAWARE

STATION LEGEND
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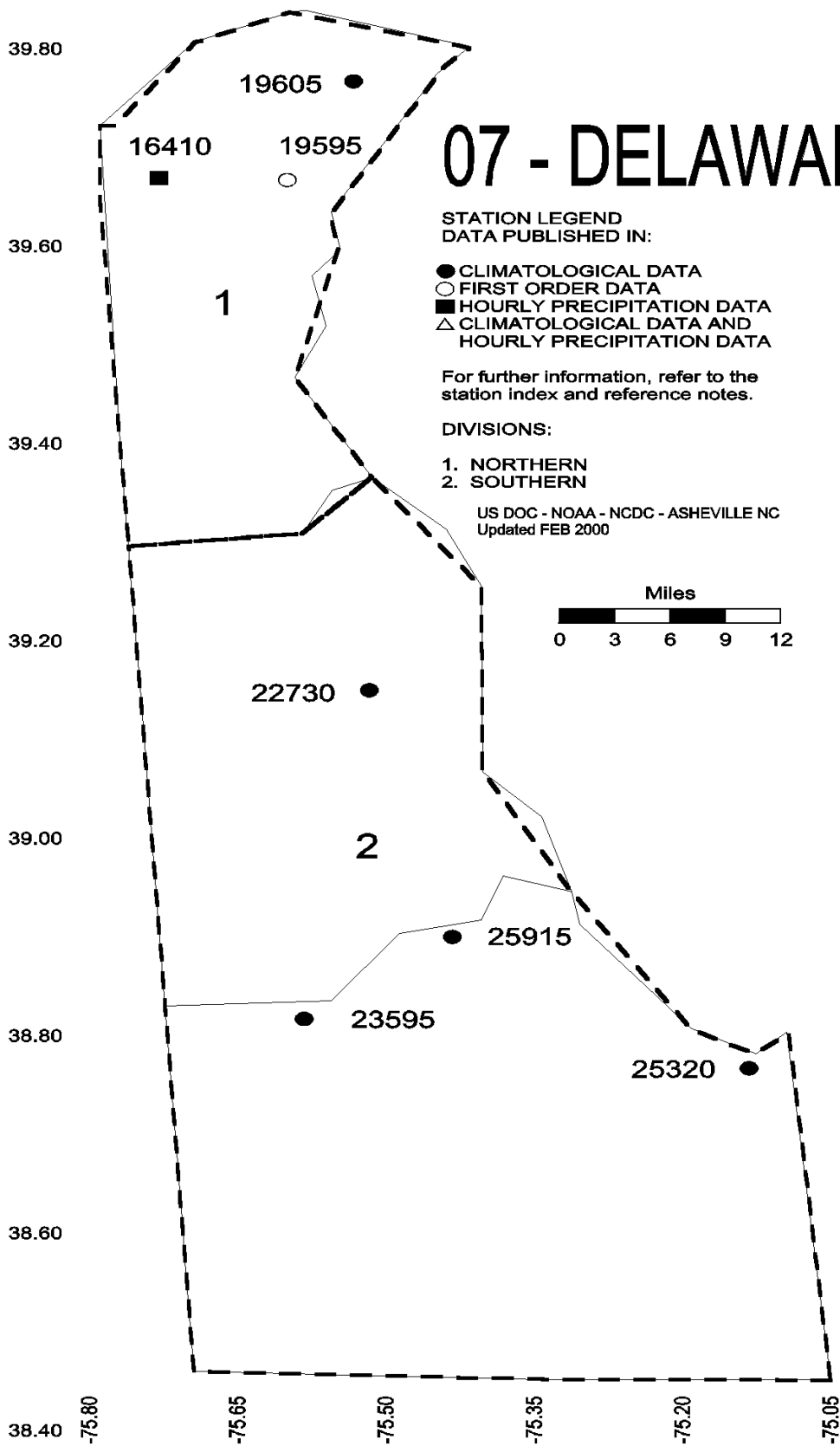
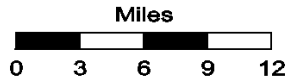
- CLIMATOLOGICAL DATA
- FIRST ORDER DATA
- HOURLY PRECIPITATION DATA
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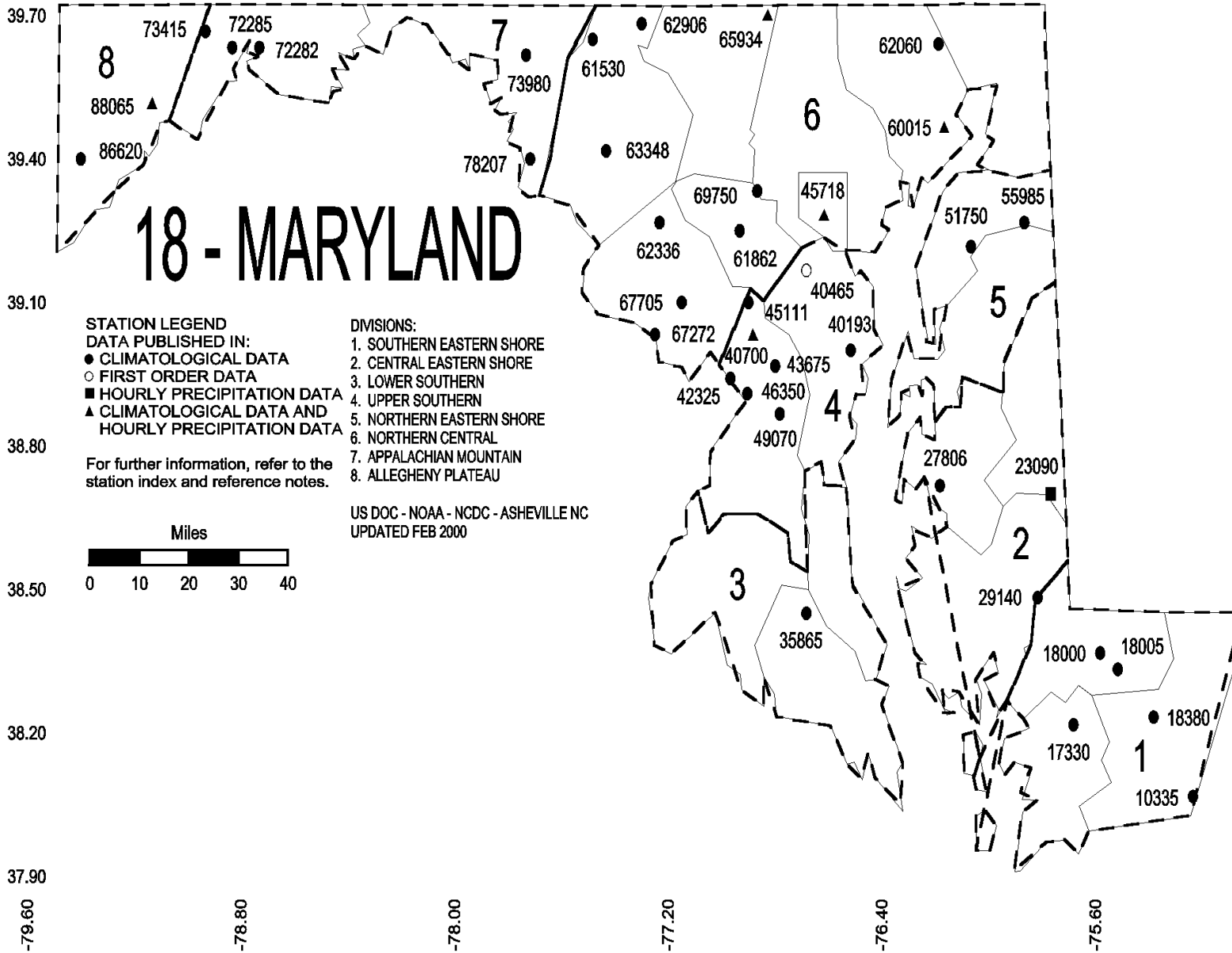
For further information, refer to the station index and reference notes.

DIVISIONS:

1. NORTHERN
2. SOUTHERN

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





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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