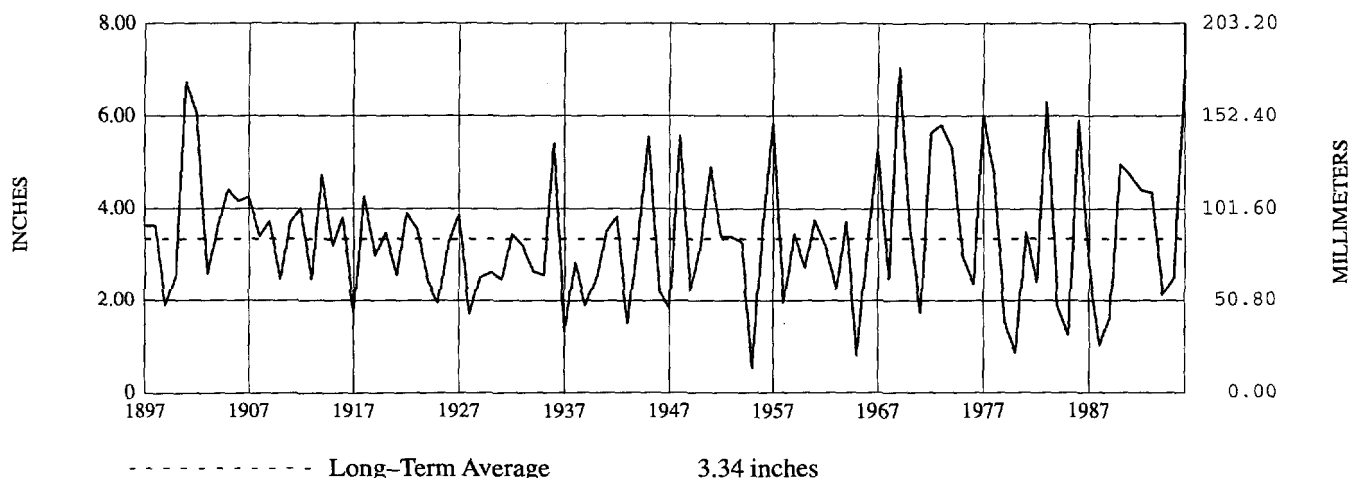


CLIMATOLOGICAL DATA ANNUAL SUMMARY

MARYLAND AND
DELAWARE
1996

VOLUME 120 NUMBER 13

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION, 1897-1996

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Asheville, North Carolina

MARYLAND AND DELAWARE
1996

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												
ASSMTEAGUE IS NATL SEA	M 4.18		M 3.17		M 3.34		3.56		4.71		3.99	
PRINCESS ANNE	4.58	1.17	M 1.63		3.14	-.70	4.04	.77	4.71	1.36	M 2.57	
SALISBURY	5.07	1.31	3.77	.30	3.11	-1.13	4.36	1.06	4.77	1.27	5.79	2.14
SALISBURY FAA ARPT	5.17	1.53	5.43	1.97	3.80	-.36	5.41	2.21	5.55	1.91	4.75	1.12
SNOW HILL 4 N	5.24	1.44	2.99	-.62	3.35	-.95	4.06	.85	3.76	.24	4.86	1.43
--DIVISIONAL DATA----->	5.02	1.38	4.06	.63	3.35	-.77	4.29	1.12	4.70	1.24	4.85	1.46
CENTRAL EASTERN SHORE 02												
ROYAL OAK 2 SSW	M 5.37		2.75	-.55	4.11	.31	3.54	.12	5.83	1.60	3.99	.38
VIENNA	3.19	-.47	M 1.15		2.85	-.92	5.08	1.69	4.32	.81	4.66	.86
--DIVISIONAL DATA----->	3.19	-.39	2.75	-.51	3.48	-.26	4.31	.96	5.08	1.13	4.33	.68
LOWER SOUTHERN 03												
LA PLATA 1 W	4.88	1.79	2.62	-.30	3.52	.03	2.82	-.32	5.01	1.15	3.82	.06
MECHANICSVILLE 5 NE	5.91	2.45	3.07	-.31	3.93	-.04	2.68	-.73	4.72	.60	4.99	.93
OWINGS FERRY LANDING	5.53	2.40	2.13	-.62	4.24	.93	2.26	-.95	5.42	1.17	3.15	-.66
--DIVISIONAL DATA----->	5.44	2.16	2.61	-.43	3.90	.21	2.59	-.60	5.05	.97	3.99	.27
UPPER SOUTHERN 04												
ANNAPOLIS POLICE BRKS	M 4.11		M 1.89		M 3.62		3.15	-.25	6.56	2.50	M 5.92	
BALTIMORE WSO ARPT R	6.80	3.75	2.36	-.76	3.57	.19	3.76	.67	5.68	1.96	4.08	.41
BELTSVILLE	4.90	2.03	2.10	-.53	3.65	.40	2.77	-.53	5.57	1.25	6.65	3.15
COLLEGE PARK	M		M 1.68		M 2.39							
DALECARLIA RESERVOIR	7.36	4.39	2.87	-.12	3.84	.32	3.92	.42	5.88	1.69	4.68	1.07
GLENN DALE BELL STN	M 2.25		1.52	-1.28	3.97	.62	4.25	.82	5.98	1.52	8.69	4.83
LAUREL 3 W	6.38	3.50	M 2.56		4.09	.61	3.88	.47	6.66	2.13	8.64	4.93
NATIONAL ARBORETUM DC	6.32	3.18	M 2.21		3.83	.49	3.13	-.14	5.31	1.14	4.17	.37
UPPER MARLBORO 3 NNW	4.79	1.64	2.70	-.04	4.08	.72	2.99	-.39	4.73	.64	3.51	-.35
--DIVISIONAL DATA----->	6.09	3.04	2.31	-.63	3.86	.45	3.48	.16	5.80	1.58	5.77	2.07
NORTHERN EASTERN SHORE 05												
CHESTERTOWN	4.41	1.23	2.38	-.68	4.59	.94	4.07	.83	5.27	1.24	9.51	5.16
MILLINGTON 1 SE	M		M		4.06	.50	4.04	.71	5.19	1.17	9.81	5.79
--DIVISIONAL DATA----->	4.41	1.14	2.38	-.66	4.33	.78	4.06	.78	5.23	1.22	9.66	5.67
NORTHERN CENTRAL 06												
ABERDEEN PHILLIPS FIEL	5.09	2.05	1.84	-.86	4.24	.95	4.45	.89	5.47	1.40	4.37	-.05
BALTIMORE CITY R	.00	-3.14	M		M		M		M		M	
CATOCTIN MOUNTAIN PARK	10.09		M 2.64		M 5.04		3.46		7.58		7.05	
CLARKSVILLE 3 NNE	M 4.84		2.37		3.88		3.92		5.74		5.85	
CONOWINGO DAM	M 6.42		M 2.19		4.31	.81	3.54	-.22	5.21	1.03	5.75	1.45
DAMASCUS 2 SSW	6.88		2.55		3.66		4.38		6.68		9.06	
EMMITSBURG 2 SE	6.06	2.95	M 1.60		M 3.42		3.78	.01	5.28	.93	10.75	6.74
FREDERICK POLICE BRKS	8.06		M 2.34		4.02		3.72		5.97		5.73	
MILLERS 4 NE	7.36		1.75		4.42		4.04		4.29		5.62	
POTOMAC FILTER PLANT	M 6.19		M 2.00		3.98	1.04	4.19	1.20	5.96	2.21	6.49	2.81
ROCKVILLE 1 NE	5.70	2.85	2.00	-.83	4.00	.64	3.59	.40	5.16	.98	6.41	2.65
TOWSON	M		M		M		M .01		M		M	
UNIONVILLE	M 9.10		M .65		3.77	.64	3.54	.25	5.45	1.38	8.66	4.48
WESTMINSTER POL BRKS	M 5.38		2.54	-.05	M 2.65		M 2.93		5.20	.93	5.64	1.73
WOODSTOCK	5.02	1.80	2.32	-.69	3.92	.21	3.92	.42	5.89	1.42	9.44	5.57
--DIVISIONAL DATA----->	6.03	2.95	2.20	-.77	4.03	.50	3.85	.32	5.66	1.29	7.03	3.05
APPALACHIAN MOUNTAIN 07												
CUMBERLAND 2	8.28	5.90	2.07	-.22	3.86	.78	1.63	-1.56	6.02	2.36	3.54	.20
EDGEMONT	M											
FROSTBURG 2	8.46		2.94		5.20		1.78		7.26		5.02	
HANCOCK	M 5.56		1.91	-.45	5.65	2.57	2.58	-.65	7.65	3.96	5.35	1.94
--DIVISIONAL DATA----->	8.37	5.76	2.31	-.24	4.90	1.59	2.00	-1.44	6.98	3.05	4.64	1.19
ALLEGHENY PLATEAU 08												
MERRILL	6.80	4.19	3.08	.41	M		M		M		M	

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 IS NATL SEA	5.97		4.81		9.86		4.95		2.33		6.26		M 57.13	
PRINCESS ANNE	9.72	5.72	3.34	-1.75	5.49	1.74	4.05	.80	2.69	-.45	6.66	3.41	M 52.62	
SALISBURY	9.71	5.69	3.96	-1.03	6.99	3.44	4.19	.96	2.52	-.55	6.34	2.81	60.58	16.27
SALISBURY FAA ARPT	7.46	3.13	4.05	-1.28	4.42	.73	4.63	1.21	2.04	-1.11	7.25	3.57	59.96	14.63
SNOW HILL 4 N	8.79	4.69	6.88	1.51	6.93	3.64	4.64	1.40	2.55	-.67	6.89	3.45	60.94	16.41
--DIVISIONAL DATA----->	8.33	4.28	4.61	-.26	6.74	3.33	4.49	1.31	2.43	-.69	6.68	3.27	59.55	16.30
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	6.04	2.08	3.21	-1.02	4.34	.70	6.11	2.96	1.97	-1.45	8.01	4.29	M 55.27	
VIENNA	8.87	4.89	3.19	-1.68	5.23	1.56	4.85	1.85	1.83	-1.33	4.48	1.03	M 49.70	
--DIVISIONAL DATA----->	7.46	3.52	3.20	-1.20	4.79	1.28	5.48	2.41	1.90	-1.42	6.25	2.69	52.22	8.89
LOWER SOUTHERN 03														
LA PLATA 1 W	6.49	2.58	5.79	1.40	4.91	1.18	M 2.22		2.80	-.62	4.95	1.67	M 49.83	
MECHANICSVILLE 5 NE	7.72	3.50	2.89	-1.17	3.95	.20	5.13	1.70	2.54	-.97	6.28	2.94	53.81	9.10
OWINGS FERRY LANDING	6.70	2.97	3.19	-.38	4.22	.81	4.65	1.48	3.19	-.21	6.50	3.27	51.18	10.21
--DIVISIONAL DATA----->	6.97	3.01	3.96	-.01	4.36	.69	4.89	1.65	2.84	-.55	5.91	2.58	52.51	9.95
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	5.19	1.61	4.08	.18	6.07	2.81	4.90	1.59	2.92	-.53	7.40	3.96	M	
BALTIMORE WSO ARPT R	7.38	3.69	4.17	.25	5.65	2.24	4.32	1.34	3.77	.45	6.77	3.36	58.31	17.55
BELTSVILLE	M 4.97		3.08	-1.06	7.87	4.16	4.57	1.20	3.99	.75	6.18	2.83	M 56.30	
COLLEGE PARK														
DALECARLIA RESERVOIR	5.77	1.88	3.00	-1.29	8.12	4.54	5.04	1.54	2.32	-1.17	M 5.29		M 58.09	
GLENN DALE BELL STN	4.73	.57	3.54	-.78	6.67	3.05	4.46	1.03	3.48	-.02	6.46	3.18	M 56.00	
LAUREL 3 W	6.36	2.38	2.94	-1.01	9.33	5.68	4.45	1.04	4.97	1.14	7.04	3.62	M 67.30	
NATIONAL ARBORETUM DC	5.27	.89	2.95	-1.44	7.46	3.86	4.90	1.62	3.79	.39	5.63	2.30	M 54.97	
UPPER MARLBORO 3 NNW	5.14	1.12	3.01	-.95	5.02	1.42	4.61	1.15	3.04	-.30	5.25	1.98	48.87	6.64
--DIVISIONAL DATA----->	5.69	1.68	3.35	-.82	7.02	3.44	4.66	1.35	3.54	.14	6.39	3.02	57.96	15.48
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	7.18	3.48	3.73	-.23	5.05	1.41	4.44	1.30	2.88	-.51	8.66	4.89	62.17	19.06
MILLINGTON 1 SE	6.22	2.43	4.63	.56	3.34	-.41	5.73	2.60	1.84	-1.47	M			
--DIVISIONAL DATA----->	6.70	2.90	4.18	.30	4.20	.55	5.09	1.95	2.36	-1.03	8.66	4.97	61.26	18.57
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	8.80	4.84	3.82	-.61	5.96	2.07	4.97	1.84	3.62	.30	7.43	3.82	60.06	16.64
BALTIMORE CITY R	M		M		M		M		M		M			
CATOCTIN MOUNTAIN PARK	11.11		4.95		9.32		4.81		2.10		6.20		M 74.35	
CLARKSVILLE 3 NNE	8.24		3.84		6.22		4.56		4.96		7.08		M 61.50	
CONOWINGO DAM	7.26	3.02	5.81	1.35	4.86	.91	5.49	2.26	3.30	-.44	8.22	4.43	M 62.36	
DAMASCUS 2 SSW	8.41		3.53		8.11		5.48		4.10		7.11		69.95	
EMMITSBURG 2 SE	10.82	7.58	4.48	.87	7.02	3.05	5.17	1.72	4.02	.33	6.45	3.18	M 68.85	
FREDERICK POLICE BRKS	9.64		2.99		9.08		4.15		3.07		7.06		M 65.83	
MILLERS 4 NE	7.36		3.39		5.58		5.41		3.92		7.69		60.83	
POTOMAC FILTER PLANT	6.53	2.98	3.56	-.05	7.56	3.91	5.22	2.19	4.27	.98	6.00	2.97	M 61.95	
ROCKVILLE 1 NE	5.02	1.31	2.99	-1.00	10.81	7.28	4.94	1.60	4.43	1.13	5.78	2.71	60.83	19.72
TOWSON	M		M		M									
UNIONVILLE	10.51	7.15	3.64	.49	7.44	4.07	5.49	2.27	3.65	.22				
WESTMINSTER POL BRKS	9.38	5.57	4.05	.63	5.43	1.79	4.22	.97	3.56	.21	M 7.73		M	
WOODSTOCK	7.19	3.74	4.08	.71	5.83	2.24	5.02	1.79	5.09	1.46	M 7.06		M 64.98	
--DIVISIONAL DATA----->	8.65	4.85	3.98	.13	7.14	3.43	4.98	1.64	3.82	.24	7.00	3.53	64.37	21.16
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	6.42	3.05	4.59	1.29	9.05	5.97	1.91	-.86	3.44	.68	4.02	1.41	54.83	19.00
EDGEMONT														
FROSTBURG 2	7.42		2.82		10.59		2.66		4.21		4.16		62.52	
HANCOCK	4.76	1.09	3.82	.67	6.46	3.28	3.54	.38	M 3.18		4.47	1.87	M 54.93	
--DIVISIONAL DATA----->	6.20	2.66	3.74	.40	8.70	5.50	2.70	-.47	3.83	.72	4.22	1.40	58.59	20.12
ALLEGHENY PLATEAU 08														
MERRILL	M		M		M		M		M					

MARYLAND AND DELAWARE
1996

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
OAKLAND 1 SE	M 5.36		4.14	1.19	5.02	.95	3.26	-1.08	10.55	5.84	3.86	-.52
SAVAGE RIVER DAM	6.61	4.21	2.42	.18	3.58	.33	2.06	-1.35	8.34	4.41	4.12	.77
--DIVISIONAL DATA----->	6.61	3.43	3.28	.33	4.30	.34	2.66	-1.41	9.45	5.08	3.99	-.09
DELAWARE												
NORTHERN 01												
NEWARK UNIVERSITY FARM	M 5.15		1.78	-.95	4.96	1.70	5.17	1.68	4.18	.03	5.05	1.20
WILMINGTON WSO ARPT R	4.58	1.55	1.67	-1.24	3.63	.20	4.98	1.59	3.27	-.57	5.00	1.45
WILMINGTON PORTER RSVR	6.16	2.69	2.39	-.66	4.88	1.07	7.03	3.02	4.21	-.12	5.45	1.39
--DIVISIONAL DATA----->	5.37	2.19	1.95	-.90	4.49	1.02	5.73	2.16	3.89	-.16	5.17	1.41
SOUTHERN 02												
DOVER	5.50	2.12	2.40	-.53	3.94	.14	5.11	1.61	6.76	2.77	9.90	6.05
GEORGETOWN 5 SW	4.83	1.16	3.50	.35	3.29	-.70	4.10	.66	6.86	3.21	5.73	2.32
GREENWOOD 2 NE	4.98		2.86		3.41		4.53		7.15		5.28	
LEWES	4.99	1.23	2.76	-.54	M 2.90		4.23	.67	7.24	3.48	3.89	.51
--DIVISIONAL DATA----->	5.08	1.44	2.88	-.30	3.55	-.39	4.49	1.01	7.00	3.12	6.20	2.71

MARYLAND AND DELAWARE
1996

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

1978

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL		
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	
OAKLAND 1 SE	M		3.21	-.96	8.20	4.93	3.62	.43	3.49	-.15	3.89	.15			
SAVAGE RIVER DAM		8.88	4.67	3.83	.64	10.80	7.69	2.03	-.90	3.02	.17	3.55	.81	59.24	21.63
--DIVISIONAL DATA----->		8.88	4.02	3.52	-.31	9.50	6.18	2.83	-.34	3.26	-.30	3.72	.04	62.00	16.97
DELAWARE															
NORTHERN 01															
NEWARK UNIVERSITY FARM		6.55	2.03	4.71	.71	4.72	1.04	6.52	3.35	3.49	.21	8.24	4.74	M 60.52	
WILMINGTON WSO ARPT R		6.25	2.02	3.04	-.36	4.03	.60	4.70	1.82	3.25	-.02	7.96	4.48	52.36	11.52
WILMINGTON PORTER RSVR		10.10	5.71	3.41	-.64	6.00	2.05	5.89	2.59	3.67	-.13	9.70	5.86	68.89	22.83
--DIVISIONAL DATA----->		7.63	3.41	3.72	.09	4.92	1.30	5.70	2.57	3.47	.06	8.63	5.07	60.67	18.22
SOUTHERN 02															
DOVER		3.84	-.31	5.83	1.58	3.89	-.45	4.80	1.54	1.54	-1.61	8.39	4.85	61.90	17.76
GEORGETOWN 5 SW		8.32	4.62	4.73	-.73	7.72	4.31	4.13	.86	1.60	-1.58	7.00	3.54	61.81	18.02
GREENWOOD 2 NE		4.95		2.99		5.35		4.78		1.73		8.03		56.04	
LEWES		6.29	2.31	5.44	.20	7.35	4.26	4.84	1.67	1.54	-1.74	8.60	4.92	M 60.07	
--DIVISIONAL DATA----->		5.85	1.96	4.75	-.03	6.08	2.44	4.64	1.41	1.60	-1.61	8.01	4.42	60.13	16.18

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 IS NATL SEA	35.3		36.8		40.8		51.9		M60.7		71.9		75.4		74.7		71.8		61.0		44.8		43.7		M55.7	
PRINCESS ANNE	37.3	2.3	38.4	1.1	41.7	-4.1	54.6	.6	61.7	-2.0	72.6	.5	74.3	-2.1	73.0	-2.2	69.8	1.1	58.8	1.0	44.4	-4.6	45.2	5.4	56.0	-3
SALISBURY	37.1	1.2	38.2	.1	42.9	-3.8	56.6	1.5	63.8	-.9	74.9	2.1	76.0	-.9	74.6	-1.3	70.4	.7	59.6	.5	44.9	-5.2	45.0	4.6	57.0	-1.1
SALISBURY FAA ARPT	34.6	.2	36.3	-.3	40.4	-4.7	54.1	.4	61.6	-1.6	73.0	1.1	74.9	-1.8	73.5	-1.8	68.8	.2	57.7	.2	42.1	-6.5	M42.5	3.3	M55.0	-.9
SNOW HILL 4 N	36.7	1.5	37.6	.3	41.5	-4.1	55.3	1.4	63.1	-.4	73.5	1.6	75.1	-.7	73.3	-1.4	70.5	1.8	59.2	1.3	43.7	-5.4	44.4	4.6	56.2	.0
--DIVISIONAL DATA----->	36.2	.9	37.5	.1	41.5	-4.1	54.5	.3	62.2	-1.5	73.2	1.0	75.1	-1.5	73.8	-1.9	70.3	.8	59.3	.6	44.0	-5.6	44.2	4.1	56.0	-5
CENTRAL EASTERN SHORE 02																										
ROYAL OAK 2 SSW	33.5	-.6	37.6	1.1	42.3	-3.4	56.4	1.5	63.1	-1.8	75.0	1.5	76.2	-1.3	75.0	-1.2	70.7	.9	59.2	.1	44.5	-4.9	43.0	3.9	56.4	-.4
VIENNA	33.7	-1.2	36.7	-.7	40.8	-5.7	55.8	.4	64.2	-1.0	75.1	1.5	77.3	-.5	75.8	-.5	70.9	1.0	59.6	.6	45.1	-4.3	43.8	4.1	56.6	-.5
--DIVISIONAL DATA----->	33.6	-.6	37.2	.5	41.6	-4.2	56.1	1.3	63.7	-1.0	75.1	1.8	76.8	-.6	75.4	-.7	70.8	1.2	59.4	.6	44.8	-4.4	43.4	4.2	56.5	-1.1
LOWER SOUTHERN 03																										
LA PLATA 1 W	M		38.5	1.5	42.5	-3.7	58.3	3.3	63.5	-.4	74.4	2.8	74.9	-.7	73.7	-.9	68.8	.4	58.8	1.2	43.2	-5.1	42.2	3.9	M	
MECHANICSVILLE 5 NE	32.9	-.4	36.7	.4	41.0	-4.7	56.5	2.1	61.7	-2.2	72.9	1.0	73.7	-2.5	72.5	-2.1	67.8	-.1	56.5	-.3	41.9	-5.7	41.5	3.3	54.6	-.9
OWINGS FERRY LANDING	32.2	-1.3	36.2	.0	40.7	-4.8	56.1	1.5	62.1	-2.3	73.5	1.2	74.5	-1.6	73.0	-1.9	68.7	.0	57.5	-.1	41.3	-7.0	40.2	2.2	54.7	-1.2
--DIVISIONAL DATA----->	32.6	-1.4	37.1	.3	41.4	-4.5	57.0	2.1	62.4	-2.0	73.6	1.1	74.4	-2.2	73.1	-2.3	68.4	-.6	57.6	-.3	42.1	-6.5	41.3	2.5	55.1	-1.1
UPPER SOUTHERN 04																										
ANNAPOLIS POLICE BRKS	M33.0	-.6	36.7	.6	42.0	-3.2	56.7	1.9	63.8	-.8	75.7	2.2	77.0	-.6	75.8	-.5	71.5	1.5	59.1	-.7	43.1	-5.0	41.4	3.0	M56.3	-.1
BALTIMORE WSO ARPT	R 31.7	-.1	35.7	.9	39.9	-4.2	54.0	.6	60.6	-2.8	73.3	.8	74.3	-2.7	73.2	-2.4	67.8	-.7	55.6	-1.0	40.2	-6.6	39.6	2.9	53.8	-1.3
BELTSVILLE	31.3	.8	34.3	1.0	39.5	-3.4	53.9	1.7	61.5	-.5	74.2	3.2	74.7	-.9	74.3	.1	68.2	1.0	56.2	1.1	41.5	-4.4	40.2	4.4	54.2	.3
COLLEGE PARK	M		M36.8	1.5	40.4	-4.5																				
DALECARLIA RESERVOIR	30.7	-2.2	36.0	-.1	41.3	-4.3	56.9	1.9	63.2	-1.6	74.4	1.3	75.0	-2.2	74.7	-1.1	69.3	.2	57.7	.3	42.4	-5.0	M40.3	2.9	M55.2	-.8
GLENN DALE BELL STN	33.8	1.3	36.4	.9	41.2	-3.5	55.6	2.0	62.3	-.9	74.3	3.0	75.2	-.3	74.3	.1	68.6	.9	57.2	.8	41.6	-5.4	41.4	4.4	55.2	.3
LAUREL 3 W	31.2	-.8	35.6	.9	40.8	-3.6	55.0	1.0	62.2	-1.6	75.0	2.7	75.2	-1.8	75.6	-.2	69.2	.5	57.8	.5	42.1	-5.2	40.5	3.9	55.0	-.3
NATIONAL ARBORETUM DC	31.9	-.7	35.3	.1	M39.6	-5.2	54.4	.4	61.9	-2.1	75.4	2.7	75.9	-1.1	74.5	-1.2	68.1	-.5	55.6	-1.5	41.2	-6.0	39.7	2.3	M54.5	-1.1
UPPER MARLBORO 3 NNW	30.8	-.4	34.1	.2	38.9	-4.7	54.2	1.2	60.8	-1.8	73.6	2.5	74.4	-.9	73.4	-.3	68.1	1.2	55.7	.5	41.2	-5.2	40.0	3.9	53.8	-.3
--DIVISIONAL DATA----->	31.8	-.6	35.7	.5	40.4	-4.2	55.1	1.2	62.0	-1.7	74.5	2.2	75.2	-1.4	74.5	-.8	68.9	.4	56.9	.1	41.7	-5.5	40.4	3.3	54.8	-.4
NORTHERN EASTERN SHORE 05																										
CHESTERTOWN	30.6	-1.5	35.2	.5	40.0	-3.9	54.2	.8	61.5	-2.1	74.3	1.8	75.4	-1.4	74.6	-1.0	68.8	-.1	56.6	-.9	41.2	-6.2	39.4	2.4	54.3	-1.0
MILLINGTON 1 SE	31.9	.7	M		40.6	-2.8	54.9	2.5	60.7	-1.9	72.3	1.2	75.6	.1	M		69.6	2.0	M		42.4	-4.2	M		M	
--DIVISIONAL DATA----->	31.3	-.9	35.2	.3	40.3	-3.9	54.6	1.2	61.1	-2.4	73.3	1.1	75.5	-1.0	74.6	-.6	69.2	.6	56.6	-.7	41.8	-5.7	39.4	2.4	54.4	-.7
NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FIEL	M		37.3	2.2	M		54.6	.8	61.3	-2.3	M		M75.6	-.7	74.5	-.5	M69.5	.9	58.0	.8	43.1	-4.4	M		M	
BALTIMORE CITY	R 33.9	-1.0	38.0	.7	42.8	-3.8	57.1	.5	M62.6	-4.2	M77.7	1.7	M78.6	-1.8	78.2	-.5	72.5	.9	60.8	.8	M46.6	-3.0	M45.1	5.8	M57.8	-.3
CATOCTIN MOUNTAIN PARK	26.9		30.8		36.1		52.3		58.6		70.8		70.4		70.2		64.2		54.2		37.8		36.2		50.7	
CLARKSVILLE 3 NNE	28.5		32.0		38.4		55.2		60.3		72.6		73.4		72.0		66.3		55.3		39.7		38.6		52.7	
CONOWINGO DAM	30.2	1.0	33.7	1.7	40.1	-1.4	54.4	3.0	62.0	.0	75.1	4.3	75.8	.7	76.1	2.1	70.0	3.0	56.9	1.8	42.7	-1.8	40.3	6.0	54.8	1.7
DAMASCUS 2 SSW	28.1		32.5		36.5		52.0		58.5		71.1		70.9		70.5		64.8		53.4		37.5		37.1		51.1	
EMMITSBURG 2 SE	27.3	-1.8	32.5	.5	37.7	-4.3	53.9	2.4	59.2	-2.2	71.5	1.7	72.6	-1.5	71.0	-1.7	65.9	.3	55.2	.9	39.1	-5.2	37.5	3.3	52.0	-.6
FREDERICK POLICE BRKS	31.9		M		40.4		56.9		62.4		74.6		75.4		74.2		68.6		M		41.9		40.4		M	
MILLERS 4 NE	27.5		32.0		36.4		52.5		58.5		70.9		71.5		70.9		65.4		54.5		38.3		37.7		51.3	
ROCKVILLE 1 NE	30.6	-.1	34.9	1.8	39.3	-4.1	54.0	1.6	60.5	-1.5	73.2	2.8	73.3	-1.4	72.6	-.4	67.0	1.3	55.6	.7	40.5	-4.4	40.2	5.1	53.5	.1
TOWSON	M		M		M		M		M		M		M		M		M72.6	3.8								
UNIONVILLE	28.0	.8	32.9	3.2	37.8	-2.4	53.9	5.1	59.6	-.2	73.3	4.8	73.2	.2	72.2	1.0	66.4	2.6	55.2	2.6	38.7	-3.7				
WESTMINSTER POL BRKS	27.8	-1.7	32.0	-.3	37.1	-4.8	53.9	2.0	59.9	-2.0	71.6	1.2	72.3	-2.3	71.6	-1.5	65.3	-1.0	54.8	-.3	38.8	-6.3	36.8	2.3	51.8	-1.2
WOODSTOCK	30.1	-.7	34.3	.7	39.3	-3.8	55.6	3.0	61.2	-1.5	73.4	2.5	74.1	-1.3	73.0	-1.0	67.5	.4	56.3	.9	40.2	-5.5	39.3	3.6	53.7	-.2
--DIVISIONAL DATA----->	29.2	-1.6	33.6	.1	38.5	-4.5	54.3	1.7	60.4	-2.2	73.0	2.0	73.6	-1.6	72.8	-1.0	67.6	.5	55.9	.2	40.4	-5.4	39.0	3.6	53.2	-.6
APPALACHIAN MOUNTAIN 07																										
CUMBERLAND 2	28.5	-1.8	32.9	-.5	38.6	-4.6	53.5	-.1	60.5	-2.6	72.9	1.9	72.9	-2.2	72.5	-1.4	65.6	-1.1	54.7	-.1	38.0	-6.6	36.9	2.3	52.3	-1.4
FROSTBURG 2	24.3		26.9		30.1		46.8		54.6		66.3		66.6		66.7		60.1		49.8		33.7		33.1		46.6	
HANCOCK	M28.4	.1	M32.8	2.2	36.1	-4.6	51.0	.6	59.2	-1.0	71.2	2.7	71.9	-1.1	71.7	.1	64.8	.3	54.0	1.2	M39.5	-3.9	36.9	3.6	M51.5	.0

MARYLAND AND DELAWARE
1996

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	-1.9	30.9	-.9	34.9	-6.6	50.4	-1.1	58.1	-3.1	70.1	.9	70.5	-2.7	70.3	-1.6	63.5	-1.7	52.8	-1.0	37.1	-6.9	35.6	2.0	50.1	-2.0
ALLEGHENY PLATEAU 08																										
OAKLAND 1 SE	25.3	-.3	27.9	.1	32.3	-5.2	48.7	2.0	56.9	-.6	66.0	2.2	68.0	-1.4	66.4	-.2	60.7	-.3	50.3	.7	33.8	-6.3	35.7	5.4	47.9	-.6
SAVAGE RIVER DAM	25.9	.4	28.2	.4	32.5	-5.0	48.0	.3	56.2	-1.4	67.6	2.3	68.0	-1.4	67.9	-.4	61.3	-.5	50.1	-.2	35.0	-5.8	34.1	3.8	47.9	-.6
--DIVISIONAL DATA----->	25.6	.8	28.1	1.0	32.4	-4.4	48.4	1.6	56.6	.0	66.8	2.6	68.0	.0	67.2	.3	61.0	.4	50.2	.7	34.4	-5.6	34.9	5.3	47.8	.2
DELAWARE																										
NORTHERN 01																										
NEWARK UNIVERSITY FARM	31.1	-.2	34.9	.8	39.9	-3.3	54.2	1.6	61.4	-1.7	72.9	1.2	74.5	-1.5	73.7	-.9	68.5	.5	56.5	.0	41.5	-5.2	41.2	5.1	54.2	-.3
WILMINGTON WSO ARPT R	29.9	-.7	33.3	-.1	38.4	-4.3	52.6	.4	60.1	-2.4	73.0	1.5	74.2	-2.2	74.0	-1.0	67.7	-.3	55.1	-1.1	40.1	-6.2	39.2	3.4	53.1	-1.1
WILMINGTON PORTER RSVR	29.8	-.3	33.3	.6	38.2	-3.6	52.3	.8	60.2	-1.7	72.3	1.5	73.8	-1.4	73.9	.1	67.8	1.0	55.2	-.4	40.4	-5.3	38.9	3.6	53.0	-.4
--DIVISIONAL DATA----->	30.3	-.5	33.8	.3	38.8	-3.9	53.0	.8	60.6	-2.0	72.7	1.2	74.2	-1.7	73.9	-.6	68.0	.3	55.6	-.6	40.7	-5.6	39.8	3.9	53.5	-.6
SOUTHERN 02																										
DOVER	34.0	.2	36.2	-.2	41.3	-3.7	54.9	.8	61.3	-2.9	72.7	-.1	74.6	-2.6	73.7	-2.2	69.1	-.5	57.9	-.7	43.2	-5.8	42.1	3.3	55.1	-1.2
GEORGETOWN 5 SW	33.5	.8	35.6	.9	39.3	-4.3	52.7	.4	61.1	-1.2	72.9	1.7	73.6	-2.2	73.5	-.8	68.4	.8	57.7	1.1	41.8	-5.4	41.5	3.9	54.3	-.4
GREENWOOD 2 NE	33.4		35.7		40.4		53.9		61.2		73.0		74.9		72.9		68.7		57.1		42.0		42.1		54.6	
LEWES	36.5	2.0	37.4	.8	41.8	-2.8	55.9	2.6	63.1	.2	75.9	4.3	78.0	2.1	75.4	.5	71.7	2.5	60.8	2.4	46.1	-3.4	47.3	7.6	57.5	1.6
--DIVISIONAL DATA----->	34.4	.7	36.2	.3	40.7	-3.9	54.4	1.0	61.7	-1.6	73.6	1.5	75.3	-1.1	73.9	-1.2	69.5	.8	58.4	.7	43.3	-5.2	43.3	4.7	55.4	-.2

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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.					
NEWARK UNIVERSITY FARM	96	5/20	-1	2/ 6	3/11	16	3/11	16	3/12	24	3/28	28	4/18	31	10/12	32	11/ 3	27	11/13	24	11/16	19	12/21	13	285	250	246	220	177
WILMINGTON WSO ARPT	96	5/20	0	2/ 5	3/10	11	3/11	17	3/12	24	3/22	28	4/ 8	30	11/ 3	30	11/12	27	11/13	24	11/28	18	12/21	15	286	262	246	235	209
WILMINGTON PORTER RSVR	94	5/20	2	2/ 5	3/10	15	3/11	19	3/11	19	3/27	28	4/10	32	11/ 3	29	11/11	28	11/16	22	11/28	18	12/21	15	286	262	250	229	207
SOUTHERN 02																													
DOVER	90	7/15	2	2/ 5	3/10	14	3/10	14	3/10	14	3/22	26	4/ 8	32	11/ 4	28	11/ 4	28	11/28	19	11/28	19	12/21	15	286	263	263	227	210
GEORGETOWN 5 SW	94	5/21	-8	2/ 6	3/10	13	3/11	19	3/13	21	4/18	27	4/18	27	10/12	32	11/ 4	25	11/13	21	11/28	20	12/21	14	286	262	245	200	177
GREENWOOD 2 NE	91	7/ 9	-4	2/ 6	3/10	14	3/11	18	3/11	18	3/13	26	4/10	31	10/12	31	11/ 3	28	11/13	22	11/28	19	12/21	13	286	262	247	235	185
LEWES	95	7/14	3	2/ 6	3/ 9	14	3/10	17	3/11	21	3/13	28	3/24	31	11/ 4	31	11/28	24	11/28	24	NONE		NONE				262	260	225

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHRENHEIT

MARYLAND AND DELAWARE
1996

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE IS NATL SEA	0	0	0	0	B 63	224	328	308	216	15	0	0	B1154	
PRINCESS ANNE	0	0	0	18	87	254	298	254	170	9	6	0	1096	1097
SALISBURY	0	0	0	40	113	310	347	304	181	12	7	0	1314	1190
SALISBURY FAA ARPT	0	0	0	20	84	264	314	271	158	9	2	B 0	B1122	1096
SNOW HILL 4 N	0	0	0	24	103	275	321	263	189	11	3	0	1189	1053
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	0	0	30	101	312	355	315	187	12	3	0	1315	1245
VIENNA	0	0	0	31	115	315	390	344	195	13	8	0	1411	1292
LOWER SOUTHERN 03														
LA PLATA 1 W	-	0	0	53	109	294	314	275	144	9	1	0	-	1040
MECHANICSVILLE 5 NE	0	0	0	43	84	257	278	237	133	1	1	0	1034	1058
OWINGS FERRY LANDING	0	0	0	37	90	268	300	254	142	1	0	0	1092	1108
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	B 0	0	0	29	103	323	374	337	203	7	1	0	B1377	1271
BALTIMORE WSO ARPT R	0	0	0	19	70	265	295	259	135	1	0	0	1044	1137
BELTSVILLE	0	0	0	20	79	291	307	295	141	4	0	0	1137	954
COLLEGE PARK	-	B 0	0	-	-	-	-	-	-	-	-	-	-	1196
DALECARLIA RESERVOIR	0	0	0	44	111	288	318	306	162	13	0	B 0	B1242	1213
GLENN DALE BELL STN	0	0	0	38	90	285	323	296	158	5	1	0	1196	984
LAUREL 3 W	0	0	0	21	92	311	323	336	154	5	0	0	1242	1165
NATIONAL ARBORETUM DC	0	0	B 0	18	78	322	346	303	137	3	0	0	B1207	1160
UPPER MARLBORO 3 NNW	0	0	0	22	71	272	297	269	138	6	1	0	1076	944
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	0	0	17	81	294	332	306	150	1	0	0	1181	1139
MILLINGTON 1 SE	0	-	0	25	71	242	331	-	172	-	6	-	-	980
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	-	0	-	19	72	-	B 335	300	B 158	10	6	-	-	1087
BALTIMORE CITY R	0	0	0	43	B 80	B 384	B 425	416	234	29	B 3	B 0	B1614	1608
CATOCTIN MOUNTAIN PARK	0	0	0	14	74	189	181	175	71	1	0	0	705	
CLARKSVILLE 3 NNE	0	0	0	26	76	247	268	224	105	0	0	0	946	
CONOWINGO DAM	0	0	0	23	83	307	344	346	173	5	0	0	1281	935
DAMASCUS 2 SSW	0	0	0	8	56	200	193	178	83	0	0	0	718	
EMMITSBURG 2 SE	0	0	0	17	61	212	244	192	100	0	0	0	826	811
FREDERICK POLICE BRKS	0	-	0	38	108	299	332	292	140	-	0	0	-	
MILLERS 4 NE	0	0	0	16	60	195	207	190	95	1	0	0	764	
ROCKVILLE 1 NE	0	0	0	22	74	257	264	244	111	2	0	0	974	889
TOWSON	-	-	-	-	-	-	-	-	B 247	-	-	-	-	1131
UNIONVILLE	0	0	0	21	62	265	261	228	113	0	0	-	-	649
WESTMINSTER POL BRKS	0	0	0	23	81	208	234	211	93	0	0	0	850	887
WOODSTOCK	0	0	0	37	81	270	293	255	124	0	0	0	1060	956
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	0	0	19	69	245	252	243	96	0	0	0	924	952
FROSTBURG 2	0	0	0	2	46	94	96	79	23	0	0	0	340	
HANCOCK	B 0	B 0	0	8	55	206	224	218	81	2	B 0	0	B 794	687
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	0	0	0	1	39	89	-	72	25	0	0	0	-	277
SAVAGE RIVER DAM	0	0	0	4	33	125	125	111	35	0	0	0	433	388
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	0	0	0	27	75	249	296	276	145	3	3	0	1074	1033
WILMINGTON WSO ARPT R	0	0	0	13	64	254	291	285	129	2	0	0	1038	1046
WILMINGTON PORTER RSVR	0	0	0	10	63	234	279	283	B 129	2	0	0	B1000	930

Heating Degree Days data found in July issue of Climatological Data

MARYLAND AND DELAWARE
1996

Heating Degree Days data found in July issue of Climatological Data

MARYLAND AND DELAWARE
1996

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	-	-	-	-	1690	B 1504	1778	B 1040	1507	1386	-	-	-
	EVAP	-	-	-	-	B 4.87	B 7.15	5.99	B 4.85	B 4.88	3.43	-	-	-
	MAX TEMP	-	-	-	M -	M 71.4	M 86.8	M 87.3	M -	M 78.5	M 69.4	M -	-	M -
	MIN TEMP	-	-	-	M -	M 48.6	M 59.8	M 66.5	M -	M 59.8	M 46.5	M -	-	M -
UPPER MARLBORO 3 NNW	WIND	-	-	-	B 1289	174	-	221	53	220	435	540	-	-
	EVAP	-	-	-	B 5.41	B 4.47	-	B 5.48	4.99	B 4.17	B 3.17	1.69	-	-
	MAX TEMP	-	-	-	M 68.3	76.5	94.4	91.5	92.3	82.6	69.4	51.5	-	M -
	MIN TEMP	-	-	-	M 43.4	54.4	65.8	66.4	66.3	61.4	48.5	37.7	-	M -
ALLEGHENY PLATEAU	08													
SAVAGE RIVER DAM														
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE														
NORTHERN	01													
NEWARK UNIVERSITY FARM														
	WIND	-	-	-	1780	B 1096	754	922	515	942	851	945	-	-
	EVAP	-	-	-	-	B 4.79	B 5.66	5.77	B 5.32	B 4.00	B 2.40	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN	02													
GEORGETOWN 5 SW														
	WIND	-	-	-	774	211	-	311	171	509	604	-	-	-
	EVAP	-	-	-	-	B 7.68	B 7.83	B10.99	B 7.37	B 6.11	B 4.09	-	-	-
	MAX TEMP	-	-	-	M -	75.5	89.9	86.3	89.3	81.0	65.8	-	-	M -
	MIN TEMP	-	-	-	M -	52.5	64.6	66.2	66.7	63.2	48.6	-	-	M -

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	71	71	0			C H
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	38	38	0			H
ASSATEAGUE IS NATL SEA	0335	01	WORCESTER	38 14	75 8W	10	29	29	0			H
BALTIMORE WSO ARPT	0465	04	ANNE ARUNDEL	39 11	76 40W	148	62	62	0			C HJ
BALTIMORE CITY # R	0470	06	BALTIMORE CI	39 17	76 37W	14	126	126	0			C H
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	145	58	58	55			C H
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	49	49	0			H
BOYDS 2 NW	1032	06	MONTGOMERY	39 13	77 20W	580	37	37	0			H
BRIGHTON DAM	1125	06	MONTGOMERY	39 12	77 1W	330	0	44	0			
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	38 34	76 4W	5	95	95	0			H
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	30	30	0			H
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	91	91	0			H
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	28	28	0			H
COLLEGE PARK	1995	04	PRINCE GEORG	38 59	76 57W	90	110	110	0			C H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	61	61	0			H
CRISFIELD SOMERS COVE	2215	01	SOMERSET	37 59	75 52W	8	27	27	0			H
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	24	24	0			H
DALECARLIA RESERVOIR	2325	04	DIS COLUMBIA	38 56	77 7W	150	51	51	0			H
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	722	20	20	0			H
DAMASCUS 2 SSW	2336	06	MONTGOMERY	39 16	77 14W	670	3	3	0			H
DENTON 2 E	2523	02	CAROLINE	38 53	75 48W	50	39	39	0			H
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905	0	51	0			
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	41	41	0			H
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	24	24	0			H
FREDERICK 3 E	3355	06	FREDERICK	39 24	77 22W	385	0	41	0			
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	25	25	0			H
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	76	76	0			H
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	53	53	0			H
HANCOCK	4030	07	WASHINGTON	39 42	78 11W	428	63	63	0			C H
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	81	81	0			H
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	106	106	0			H
MC HENRY 2 NW	5832	08	GARRETT	39 35	79 22W	2680	19	19	0			C H
MECHANICSVILLE 5 NE	5865	03	ST MARYS	38 27	76 41W	100	35	35	0			H
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	0	38	0			H
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	10	10	0			C H
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	100	100	0			H
NATIONAL ARBORETUM DC	6350	04	DIS COLUMBIA	38 54	76 59W	50	50	50	0			H
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2419	99	99	0			H
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	80	80	0			H
PATUXENT RIVER	6915	03	ST MARY'S	38 20	76 25W	38	14	14	0			C H
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270	0	35	0			H
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	48	48	0			H
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	49	49	0			H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	49	49	0			H
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	90	90	0			H
SALISBURY FAA ARPT #	8005	01	WICOMICO	38 20	75 31W	50	49	49	0			H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	46	49	46			C H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	81	81	0			H
TALL TIMBERS	8757	03	ST MARYS	38 10	76 33W	12	1	1	0	JAN		H
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	59	84	0			H
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	57	55	0			C H
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	39	39	39			H
VIENNA	9140	02	DORCHESTER	38 29	75 50W	10	48	48	0			H
WESTMINSTER POL BRKS	9440	06	CARROLL	39 33	76 58W	765	18	18	0			H
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	127	127	0			H

STATION INDEX

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
DELAWARE												
DOVER	2730	02	KENT	39 9	75 31W	30	110	109	0			H
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	52	52	44			C H
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	13	13	0			H
LEWES	5320	02	SUSSEX	38 46	75 8W	15	54	54	0			H
MIDDLETOWN 3 E	5852	01	NEW CASTLE	39 27	75 40W	55	38	38	0			
MILFORD 4 SE	5915	02	SUSSEX	38 54	75 28W	30	94	94	0			H
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	85	85	41			C H
WILMINGTON WSO ARPT R	9595	01	NEW CASTLE	39 40	75 36W	74	50	50	0			C HJ
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	86	86	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.

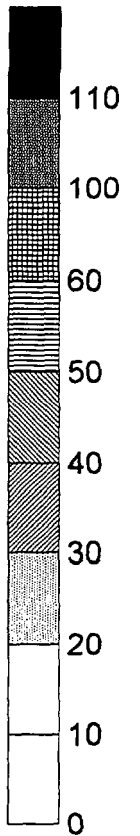
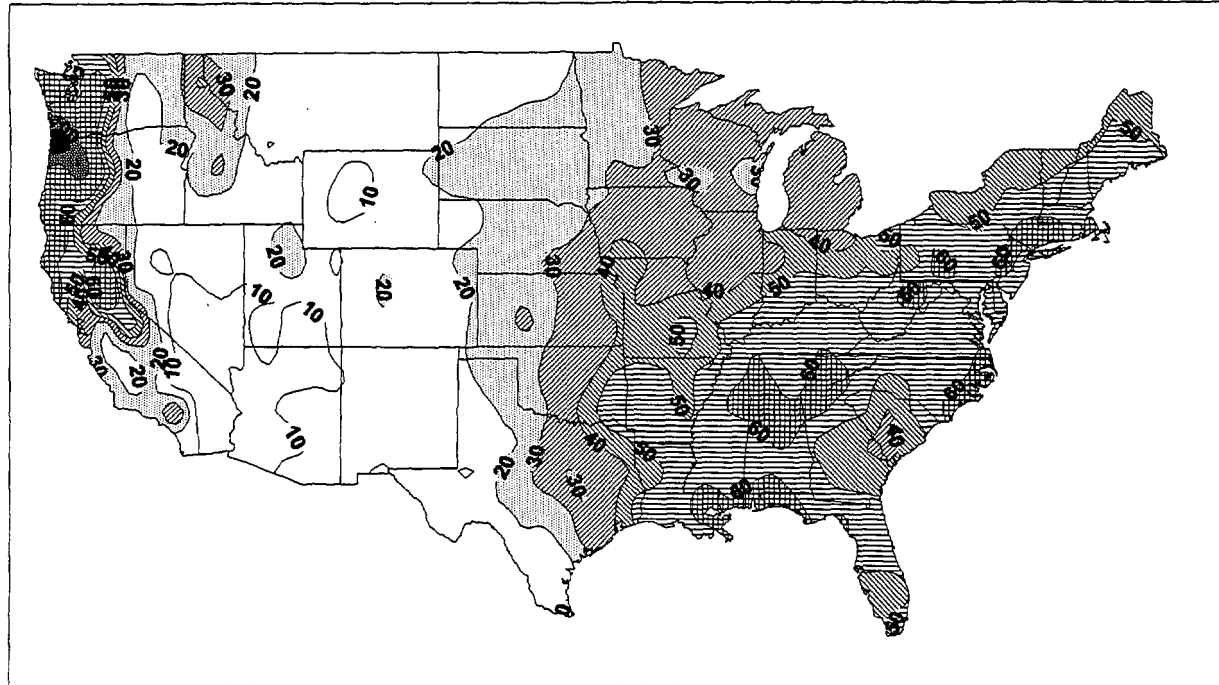
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NATIONAL CLIMATIC DATA CENTER
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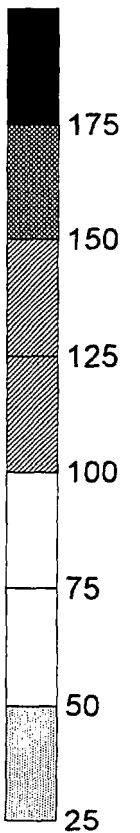
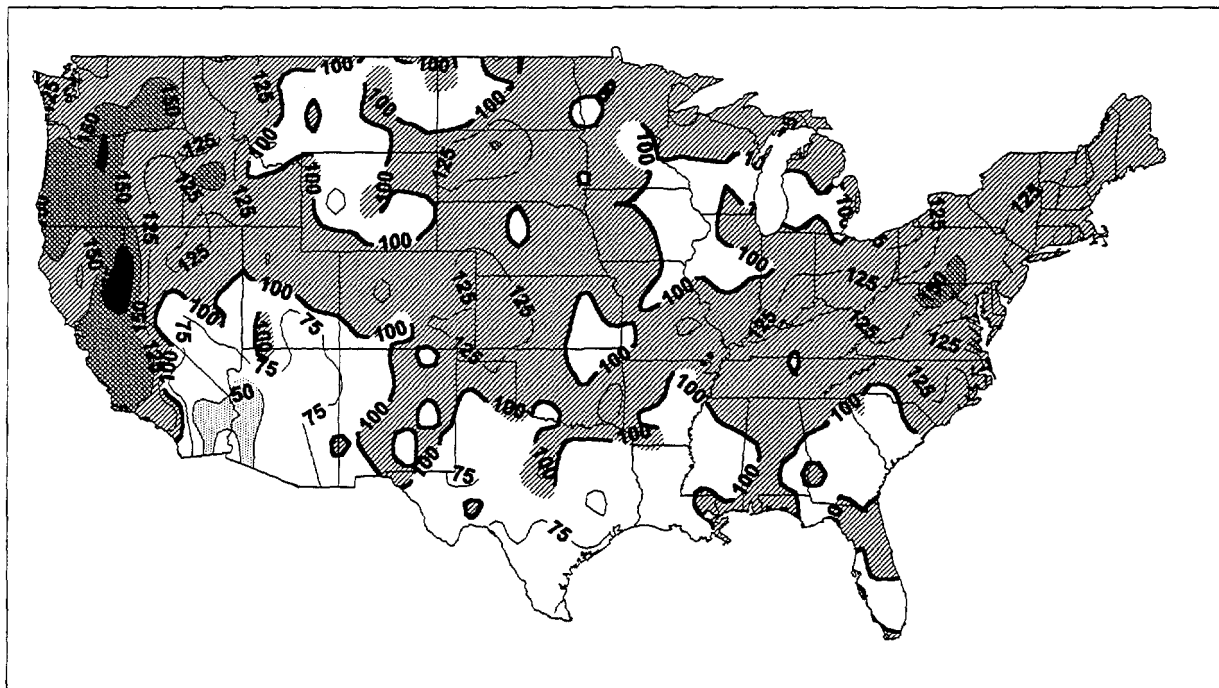
Total Precipitation (Inches)

Annual 1996

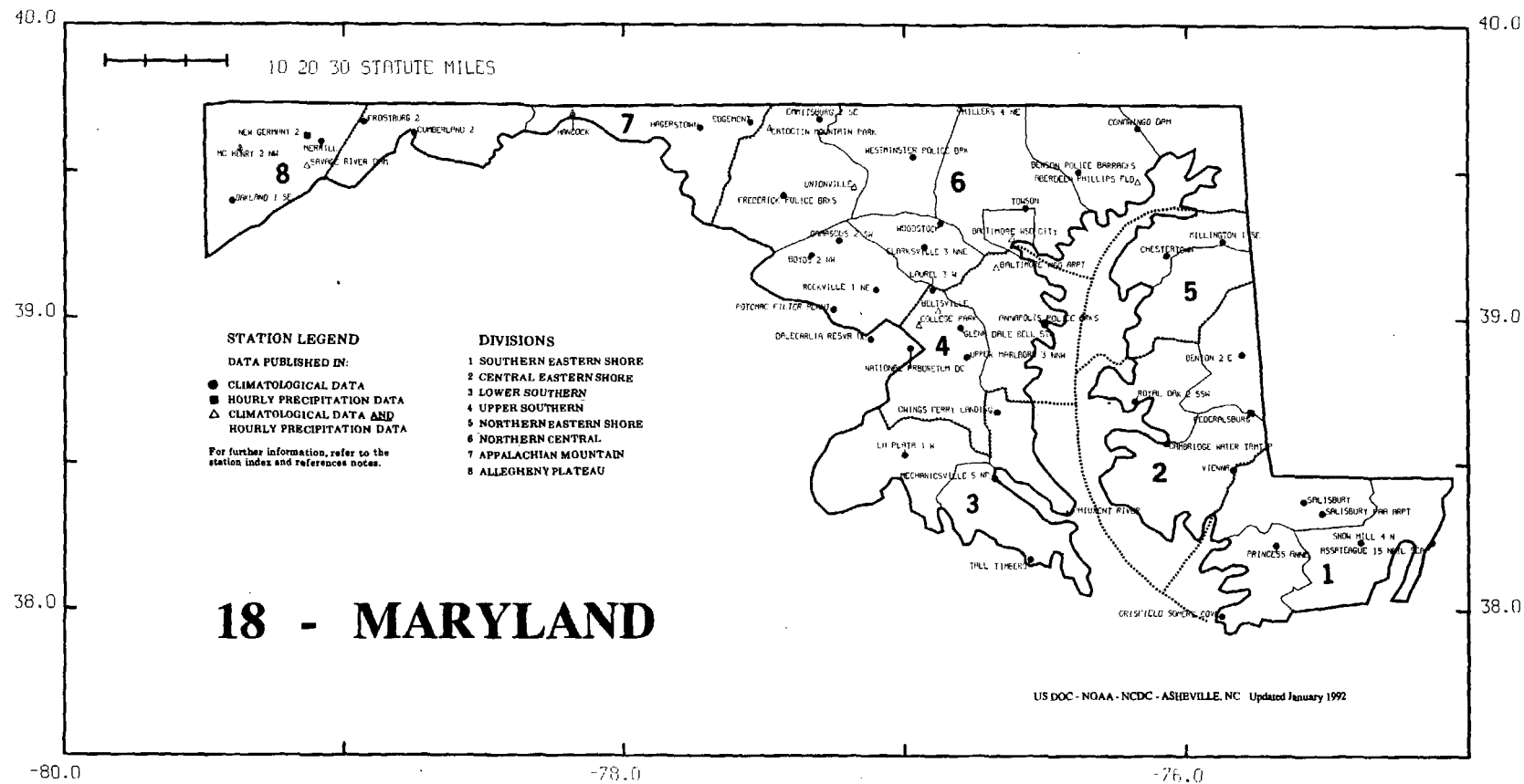


Percent of Normal Precipitation

Annual 1996



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.



40.0

40.0

10 20 30 STATUTE MILES

39.0

39.0

38.0
-76.0

-75.5

-75.0
38.0

07 - DELAWARE

STATION LEGEND

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

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

DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN

NEWARK UNIVERSITY FARM

WILMINGTON WSO PRPT

WILMINGTON PORTER RSVP

1

DOVER

2

MILFORD 1 SE

GREENWOOD 2 NE

GEORGETOWN 5 SW

LEWES

US DOC - NOAA - NCDC - ASHEVILLE, NC
Updated January 1992

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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