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CLIMATOLOGICAL DATA
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DEPARTMENT OF COMMERCE ☆ UNITED STATES OF AMERICA ☆

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). IT IS COMPILED USING INFORMATION FROM WEATHER OBSERVING SITES SUPERVISED BY NOAA/NATIONAL WEATHER SERVICE AND RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER (NCDC), ASHEVILLE, NORTH CAROLINA 28801."

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noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN PRECIP.	JAN DEPARTURE	FEB PRECIP.	FEB DEPARTURE	MAR PRECIP.	MAR DEPARTURE	APR PRECIP.	APR DEPARTURE	MAY PRECIP.	MAY DEPARTURE	JUN PRECIP.	JUN DEPARTURE
MARYLAND												
SOUTHERN EASTERN SHORE 01												
ASSATEAGUE ISLAND NATL SE	4.14		3.12		M		3.25		2.86		1.07	
CRISFIELD SOMERS COVE	2.45	-.78	3.96	.89	3.70	-.34	2.86	-.11	2.89	-.35	1.56	-1.60
PRINCESS ANNE	3.32	-.01	3.86	.56	3.59	-.40	3.51	.19	3.48	.13	.39	-3.02
SALISBURY	3.58	.06	4.50	1.09	3.76	-.46	4.19	.88	3.23	-.09	.47	-3.15
SALISBURY FAA AP	3.54	.16	4.46	1.13	3.61	-.47	3.63	.47	2.77	-.61	.38	-3.17
SNOW HILL 4 N	3.74	.11	3.53	-.07	4.38	-.22	3.41	.09	2.23	-1.20	.96	-2.84
--DIVISIONAL DATA-------->	3.46	.04	3.91	.60	3.81	-.34	3.48	.32	2.91	-.40	.81	-2.62
CENTRAL EASTERN SHORE 02												
CAMBRIDGE WTR TRMT PL	3.67	.18	4.23	1.07	2.61	-1.45	2.93	-.37	3.13	-.47	.57	-3.00
DENTON 2 E	3.91	.59	4.18	1.27	2.48	-1.44	2.74	-.58	3.21	-.29	.28	-3.38
ROYAL OAK 2 SSW	3.95	.51	4.55	1.35	2.37	-1.70	2.28	-1.13	3.51	-.12	.26	-3.17
VIENNA	M 2.79		4.03	.76	3.49	-.43	3.45	.11	2.98	-.04	.45	-3.11
--DIVISIONAL DATA-------->	3.84	.42	4.25	1.13	2.74	-1.19	2.85	-.42	3.21	-.22	.39	-3.09
LOWER SOUTHERN 03												
LA PLATA 1 W	3.48	.34	3.27	.39	2.45	-1.31	2.16	-1.01	4.48	1.01	1.35	-2.43
MECHANICSVILLE 1 E	4.05		3.58		2.27		3.07		2.76		.85	
OWINGS FERRY LANDING	M 3.32		3.91	1.19	2.71	-.83	3.37	.13	3.84	.04	.42	-3.29
PATUXENT RIVER	3.00		5.09		4.14		3.00		3.79		1.33	
--DIVISIONAL DATA-------->	3.51	.24	3.96	1.05	2.89	-.86	2.90	-.23	3.72	.13	.99	-2.64
UPPER SOUTHERN 04												
ANNAPOLIS POLICE BRKS	3.16		4.24		2.39		1.95		4.27		.87	
BALTIMORE WSO AP R	3.24	.24	3.25	.27	2.35	-1.37	2.44	-.91	4.37	.93	.84	-2.92
BELTSVILLE	M 2.60		3.00	.50	2.34	-1.15	2.83	-.54	6.24	2.43	.88	-3.01
COLLEGE PARK	3.00	-.01	2.83	.04	2.72	-.93	1.96	-1.41	6.70	2.85	.58	-3.27
DALECARLIA RESVR D C	2.57	-.50	2.65	-.28	2.79	-1.04	1.94	-1.66	5.39	1.62	1.26	-2.42
GLENN DALE BELL STN	3.17	.11	3.11	.36	2.81	-.89	2.11	-1.41	6.32	2.38	.55	-3.32
LAUREL 3 W	M 2.83		M 2.71		2.84	-.82	3.04	-.36	7.24	3.18	1.57	-2.32
NATIONAL ARBORETUM D C	3.23	.06	3.97	1.12	2.49	-1.26	3.16	-.21	5.43	1.50	.51	-3.44
UPPER MARLBORO 3 NNW	3.07	-.21	3.25	.52	2.25	-1.47	2.36	-.96	5.32	1.72	.55	-3.29
--DIVISIONAL DATA-------->	3.06	.00	3.29	.50	2.55	-1.13	2.42	-.95	5.70	1.95	.85	-2.95
NORTHERN EASTERN SHORE 05												
CHESTERTOWN	2.84	-.44	3.98	1.03	2.00	-1.98	2.47	-.78	5.41	1.79	1.06	-3.18
MILLINGTON 1 SE	3.30	.14	3.94	1.07	2.40	-1.30	2.47	-.71	6.77	3.35	.68	-2.99
--DIVISIONAL DATA-------->	3.07	-.20	3.96	1.08	2.20	-1.56	2.47	-.73	6.09	2.64	.87	-2.99
NORTHERN CENTRAL 06												
ABERDEEN PHILLIPS FLD	2.77		4.09		2.07		2.80		6.90		.40	
BALTIMORE WSO CI R	3.38	.31	3.08	.01	2.19	-1.74	2.04	-1.47	5.34	1.71	1.06	-2.65
BENSON POLICE BARRACKS	3.46	.03	4.19	1.31	2.52	-1.52	3.39	-.61	7.25	3.20	.31	-3.99
BOYDS 2 NW	1.92		1.93		2.55		2.56		9.98		.52	
BRIGHTON DAM	3.26	.30	2.57	-.15	2.40	-1.33	2.80	-.67	8.42	4.49	1.00	-2.89
CATOCTIN MOUNTAIN PARK	2.65		2.31		1.70		2.33		12.83		.76	
CLARKSVILLE 3 NNE	2.74		3.21		2.47		2.68		6.67		.49	
CONOWINGO DAM	M 3.28		4.32	1.47	2.48	-1.51	4.07	.25	8.09	4.36	.48	-3.81

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL PRECIP.	JUL DEPARTURE	AUG PRECIP.	AUG DEPARTURE	SEP PRECIP.	SEP DEPARTURE	OCT PRECIP.	OCT DEPARTURE	NOV PRECIP.	NOV DEPARTURE	DEC PRECIP.	DEC DEPARTURE	ANNUAL PRECIP.	ANNUAL DEPARTURE
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE ISLAND NATL SE	4.75		M		M		3.25		3.84		.64			
CRISFIELD SOMERS COVE	M		2.70	-1.69	M 1.54		2.85	-.36	3.24	.15	.37	-2.83		
PRINCESS ANNE	9.36	5.54	2.44	-3.19	3.33	-.64	2.79	-.89	3.01	-.23	.46	-2.94	39.54	-4.90
SALISBURY	6.68	2.92	3.97	-1.75	3.18	-.41	2.97	-.66	2.96	-.15	.59	-3.03	40.08	-4.75
SALISBURY FAA AP	7.40	3.00	3.48	-2.24	2.76	-1.18	3.27	-.46	3.31	.25	.69	-3.02	39.30	-6.14
SNOW HILL 4 N	7.16	3.17	3.17	-2.26	3.09	-.44	3.06	-.74	2.80	-.58	.37	-3.34	37.90	-8.32
--DIVISIONAL DATA------->	7.07	3.14	3.15	-2.05	3.09	-.50	3.03	-.53	3.19	.00	.52	-3.00	38.43	-5.34
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	4.61	.30	3.77	-1.51	1.80	-1.92	2.41	-.87	5.68	1.96	.65	-3.06	36.06	-9.14
DENTON 2 E	4.53	.19	3.72	-1.26	4.31	.81	2.27	-1.10	7.36	3.83	.53	-2.99	39.52	-4.35
ROYAL OAK 2 SSW	4.93	.54	4.41	-.68	2.84	-.88	2.07	-1.39	6.39	2.66	.86	-2.88	38.42	-6.89
VIENNA	M		3.02	-2.61	2.02	-1.95	2.63	-.81	5.92	2.60	.72	-2.85		
--DIVISIONAL DATA------->	4.69	.55	3.73	-1.49	2.74	-.91	2.35	-.98	6.34	2.81	.69	-2.91	37.82	-6.30
LOWER SOUTHERN 03														
LA PLATA 1 W	5.48	1.45	2.84	-2.08	2.08	-1.36	1.98	-1.43	5.87	2.67	.92	-2.50	36.36	-6.26
MECHANICSVILLE 1 E	5.55		2.69		2.50		2.03		6.25		.78		36.38	
OWINGS FERRY LANDING	4.00	.34	3.77	-.42	2.37	-1.15	1.91	-1.36	6.27	2.94	.87	-2.42	M 36.76	
PATUXENT RIVER	3.49		2.55		1.93		2.29		5.12		.76		36.49	
--DIVISIONAL DATA------->	4.63	.53	2.96	-1.66	2.22	-1.28	2.05	-1.22	5.88	2.54	.83	-2.55	36.54	-5.95
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	4.78		4.68		2.14		2.19		5.66		1.31		37.64	
BALTIMORE WSO AP R	3.78	-.11	2.64	-1.98	2.05	-1.41	1.59	-1.52	4.78	1.67	.97	-2.43	32.30	-9.54
BELTSVILLE	3.72	-.42	5.26	.55	2.11	-1.60	1.74	-1.50	5.35	2.38	1.26	-2.08	M 37.33	
COLLEGE PARK	3.41	-.65	5.60	.60	1.97	-1.59	1.80	-1.31	5.06	1.96	1.18	-2.20	36.81	-5.92
DALECARLIA RESVR D C	3.37	-.67	3.81	-.79	1.81	-1.61	1.91	-1.39	5.32	2.17	1.05	-2.44	33.87	-9.01
GLENN DALE BELL STN	7.18	2.87	4.86	-.05	M		1.94	-1.36	6.14	2.80	M			
LAUREL 3 W	5.27	1.39	4.35	.18	3.12	-.26	1.71	-1.42	6.03	2.63	1.42	-1.92	M 42.13	
NATIONAL ARBORETUM D C	5.09	.89	3.57	-1.53	1.83	-1.75	2.82	-.35	5.79	2.71	1.27	-2.09	39.16	-4.35
UPPER MARLBORO 3 NNW	3.90	-.16	3.34	-1.32	2.15	-1.58	2.16	-1.13	5.56	2.40	.83	-2.56	34.74	-8.04
--DIVISIONAL DATA------->	4.50	.51	4.23	-.51	2.15	-1.37	1.98	-1.16	5.52	2.39	1.16	-2.22	37.41	-4.94
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	4.00	.06	4.63	.02	1.82	-1.76	2.11	-1.05	5.88	2.42	.94	-2.93	37.14	-6.80
MILLINGTON 1 SE	6.23	2.36	4.57	-.17	1.98	-1.81	2.17	-.88	5.17	1.70	.85	-2.73	40.53	-1.97
--DIVISIONAL DATA------->	5.12	1.19	4.60	.09	1.90	-1.77	2.14	-.92	5.53	2.13	.90	-2.75	38.85	-3.79
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	M 5.56		5.60		3.17		2.66		5.14		.91		M 42.07	
BALTIMORE WSO CI R	3.46	-.57	5.30	.73	1.99	-1.67	1.61	-1.48	5.28	1.94	.89	-2.89	35.62	-7.77
BENSON POLICE BARRACKS	7.68	3.33	5.96	1.05	3.30	-.88	2.28	-.70	5.21	1.32	1.30	-2.69	46.85	-.15
BOYDS 2 NW	5.60		2.38		2.94		1.43		3.45		.87		36.13	
BRIGHTON DAM	7.00	3.46	3.30	-.83	2.80	-.89	2.20	-.92	5.83	2.66	1.70	-1.71	43.28	1.52
CATOCTIN MOUNTAIN PARK	3.47		3.45		3.08		1.45		4.81		.44		39.28	
CLARKSVILLE 3 NNE	5.60		3.88		2.56		1.84		4.91		1.13		38.18	
CONOWINGO DAM	4.57	.20	4.53	-.01	2.61	-1.28	2.40	-.79	5.40	1.92	1.26	-2.61	M 43.49	

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STATION	JAN PRECIP.	JAN DEPARTURE	FEB PRECIP.	FEB DEPARTURE	MAR PRECIP.	MAR DEPARTURE	APR PRECIP.	APR DEPARTURE	MAY PRECIP.	MAY DEPARTURE	JUN PRECIP.	JUN DEPARTURE
DAMASCUS 2 SW	2.93		2.45		2.62		2.71		11.76		.48	
EMMITSBURG 2 SE	2.86		2.42		1.57		3.50		7.01		.95	
FREDRICK POLICE BRKS	M 2.10		1.80		1.82		2.06		9.49		.85	
FREDERICK 3 E	3.00	.12	1.98	-.57	2.29	-1.23	2.77	-.84	11.49	7.63	1.11	-2.91
MILLERS 4 NE					2.08		2.48		6.16		.53	
POTOMAC FILTER PLANT	2.21		2.02		1.72		2.58		8.94		1.03	
ROCKVILLE 1 NE	2.56	-.39	2.80	.14	2.29	-1.25	3.37	.13	8.38	4.61	1.19	-2.80
TOWSON	2.27	-1.04	5.32	2.14	3.45	-.59	2.43	-1.55	8.24	4.23	.22	-3.82
UNIONVILLE	2.30	-.46	1.64	-.77	1.91	-1.47	2.68	-.83	7.52	3.85	.74	-3.34
WESTMINSTER POLICE BRK	2.92	-.20	2.23	-.59	2.26	-1.66	3.07	-.62	7.00	3.13	.41	-3.68
WOODSTOCK	3.01	-.13	3.17	.41	M		2.73	-.89	7.41	3.64	.54	-3.49
--DIVISIONAL DATA-------->	2.75	-.38	3.00	.19	2.27	-1.55	2.81	-.82	8.13	4.31	.62	-3.43
APPALACHIAN MOUNTAIN 07												
CUMBERLAND 2	2.35	-.18	1.40	-1.01	1.36	-2.25	3.06	-.30	6.96	3.35	1.72	-2.06
EDGEMONT	2.44	-.63	1.65	-.97	1.61	-2.10	2.29	-1.36	9.46	5.64	.60	-3.59
FROSTBURG 2	2.81		2.45		2.15		3.69		5.94		1.73	
HAGERSTOWN	2.22	-.58	1.37	-.89	1.08	-2.30	2.07	-1.43	6.72	2.98	.76	-3.16
HANCOCK FRUIT LAB	2.39	-.22	1.16	-1.20	1.71	-1.78	2.66	-.58	7.70	4.29	1.61	-2.25
--DIVISIONAL DATA-------->	2.44	-.31	1.60	-.90	1.58	-2.08	2.87	-.56	6.83	3.14	1.46	-2.29
ALLEGHENY PLATEAU 08												
MC HENRY 2 NW	3.28		4.33		3.95		4.01		5.27		2.00	
MERRILL	2.34	-.57	1.95	-.77	1.78	-2.14	3.96	.29	6.65	2.78	1.78	-1.82
OAKLAND 1 SE	1.98	-1.81	2.18	-1.02	1.73	-2.69	3.08	-1.43	6.50	2.06	1.39	-2.97
SAVAGE RIVER DAM	2.55	-.05	1.49	-.86	1.33	-2.05	2.58	-.90	6.79	3.12	1.52	-1.98
--DIVISIONAL DATA-------->	2.60	-.93	2.67	-.42	2.34	-1.87	3.22	-.97	6.19	2.07	1.64	-2.50
DELAWARE												
NORTHERN 01												
NEWARK UNIVERSITY FARM	M 1.50		4.17	1.44	1.93	-1.73	3.11	-.39	7.51	3.99	1.10	-2.65
WILMINGTON WSO AP R	2.46	-.65	4.14	1.15	1.82	-2.05	2.59	-.80	4.95	1.72	.21	-3.30
WILMGTON PORTER RESVR	2.90	-.39	3.55	.55	2.12	-1.95	3.86	-.02	5.68	2.11	.32	-3.68
--DIVISIONAL DATA-------->	2.68	-.45	4.01	1.14	2.08	-1.69	3.13	-.41	6.04	2.68	.85	-2.84
SOUTHERN 02												
DOVER	3.58	.34	4.57	1.71	2.35	-1.52	2.63	-.58	5.23	1.73	1.96	-1.65
GEORGETOWN 5 SW	3.74	.39	4.60	1.58	3.48	-.49	3.26	.06	4.36	1.10	.42	-3.17
GREENWOOD 2 NE	2.95		4.28		2.95		3.28		4.87		.35	
LEWES	4.02	.55	3.92	.59	3.21	-1.00	2.61	-.80	4.06	.52	1.06	-2.64
MILFORD 4 SE	3.73	.34	3.63	.50	2.84	-1.19	2.63	-.78	3.84	.36	.87	-2.85
--DIVISIONAL DATA-------->	3.60	.17	4.20	1.06	2.97	-1.06	2.88	-.43	4.47	1.07	.93	-2.72

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TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

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DAMASCUS 2 SW	5.57		3.52		3.84		1.68		4.28		1.34		43.18	
EMMITSBURG 2 SE	4.02		2.98		2.73		1.66		4.08		1.35		35.13	
FREDRICK POLICE BRKS	4.47		4.18		3.31		M .82		4.04		M 1.46		M 36.40	
FREDERICK 3 E	4.82	1.18	3.47	-.24	2.97	-.58	1.91	-1.22	3.77	.61	1.50	-1.73	41.08	.22
MILLERS 4 NE	4.51		3.60		2.15		2.57		4.25		1.46			
POTOMAC FILTER PLANT	5.93		3.20		2.76		1.60		4.61		1.02		37.62	
ROCKVILLE 1 NE	5.56	1.78	2.80	-1.66	2.90	-.56	1.58	-1.42	4.84	1.78	1.16	-1.84	39.43	-1.48
TOWSON	9.11	4.98	4.26	-.53	2.92	-1.23	2.21	-1.22	5.46	1.63	1.20	-2.62	47.09	.38
UNIONVILLE	5.25	1.66	2.91	-.85	1.58	-1.93	1.83	-1.10	M 3.33		.65	-2.65	M 32.34	
WESTMINSTER POLICE BRK	5.37	1.37	3.48	-.52	2.96	-.87	.96	-2.14	4.84	1.63	1.91	-1.58	37.41	-5.73
WOODSTOCK	7.25	3.69	3.46	-.52	2.82	-1.18	1.85	-1.27	5.14	1.86	1.31	-2.21		
--DIVISIONAL DATA------->	5.43	1.53	3.89	-.41	2.80	-1.03	1.87	-1.28	4.74	1.39	1.15	-2.37	39.46	-3.85
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	2.40	-.79	4.65	1.32	3.95	1.03	1.06	-1.65	3.37	.96	1.27	-1.37	33.55	-2.95
EDGEMONT	3.91	.66	3.83	.00	2.69	-1.47	1.31	-1.99	4.38	1.00	1.18	-1.84	35.35	-6.65
FROSTBURG 2	3.19		5.37		5.08		1.93		4.18		1.66		40.18	
HAGERSTOWN	4.27	.93	M 2.51		2.86	-.44	M .98		3.87	.85	M .44		M 29.15	
HANCOCK FRUIT LAB	3.08	-.48	4.31	1.01	3.60	.38	1.25	-1.68	3.58	.91	1.30	-1.29	34.35	-2.89
--DIVISIONAL DATA------->	3.24	-.18	4.78	1.27	3.87	.68	1.41	-1.56	3.75	1.01	1.41	-1.43	35.24	-3.21
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	2.81		7.18		5.85		2.78		4.75		2.63		48.84	
MERRILL	1.59	-2.08	7.45	3.79	4.78	1.92	2.74	-.14	3.90	1.29	1.75	-1.38	40.67	1.17
OAKLAND 1 SE	2.02	-2.66	3.03	-1.57	4.97	1.86	1.62	-1.55	3.97	.83	1.94	-1.96	34.41	-12.91
SAVAGE RIVER DAM	1.45	-2.17	5.53	1.92	4.06	1.07	1.57	-1.31	3.48	1.13	M 1.45		M 33.80	
--DIVISIONAL DATA------->	2.09	-2.18	5.25	1.07	4.96	1.80	1.99	-1.14	4.07	1.07	2.29	-1.36	39.31	-5.36
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	5.99	1.67	5.38	.88	2.62	-.99	2.13	-1.05	6.21	3.02	1.03	-2.50	M 42.68	
WILMINGTON WSO AP R	8.29	4.39	3.03	-1.00	2.18	-1.41	1.94	-.95	5.29	1.96	.90	-2.64	37.80	-3.58
WILMGTON PORTER RESVR	6.58	2.45	5.16	.74	3.10	-.71	2.03	-1.20	5.81	2.05	1.02	-2.72	42.13	-2.77
--DIVISIONAL DATA------->	6.44	2.44	4.36	.19	2.63	-.96	2.03	-1.14	5.77	2.39	.98	-2.57	41.00	-1.22
SOUTHERN 02														
DOVER	4.19	-.08	3.98	-1.14	2.72	-1.42	2.57	-.99	5.74	2.21	.82	-2.71	40.34	-4.10
GEORGETOWN 5 SW	4.82	.80	2.77	-2.66	2.09	-1.42	2.88	-.60	4.09	.80	.55	-3.04	37.06	-6.65
GREENWOOD 2 NE	7.60		4.04		3.01		2.57		5.64		.60		42.14	
LEWES	6.42	2.26	3.08	-2.28	1.59	-1.67	2.87	-.46	3.57	.08	.39	-3.43	36.80	-8.28
MILFORD 4 SE	6.53	2.15	3.51	-1.27	2.83	-.92	2.38	-1.09	5.00	1.57	.41	-3.40	38.20	-6.58
--DIVISIONAL DATA------->	5.91	1.68	3.48	-1.76	2.45	-1.22	2.65	-.82	4.81	1.44	.55	-3.18	38.90	-5.77

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

STATION	JAN TEMPERATURE	JAN DEPARTURE	FEB TEMPERATURE	FEB DEPARTURE	MAR TEMPERATURE	MAR DEPARTURE	APR TEMPERATURE	APR DEPARTURE	MAY TEMPERATURE	MAY DEPARTURE	JUN TEMPERATURE	JUN DEPARTURE	JUL TEMPERATURE	JUL DEPARTURE	AUG TEMPERATURE	AUG DEPARTURE	SEP TEMPERATURE	SEP DEPARTURE	OCT TEMPERATURE	OCT DEPARTURE	NOV TEMPERATURE	NOV DEPARTURE	DEC TEMPERATURE	DEC DEPARTURE	ANNUAL TEMPERATURE	ANNUAL DEPARTURE
MARYLAND																										
SOUTHERN EASTERN SHORE 01																										
ASSATEAGUE ISLAND NATL SE	35.7		M40.6		M		M53.8		61.6		70.4		M73.0		M		M		54.1		M49.8		39.0		M	
CRISFIELD SOMERS COVE	M32.4	-4.4	39.1	1.1	46.4	.5	54.7	-1.7	64.6	-1.1	74.1	.3	M		79.7	1.9	M69.4	-2.5	55.7	-5.1	51.5	1.0	39.6	-1.3	M	
PRINCESS ANNE	31.0	-4.6	39.6	2.3	M46.5	1.5	M52.9	-1.9	63.1	-.7	72.3	.6	78.1	2.1	M78.3	3.3	66.8	-1.8	51.4	-6.2	49.9	1.9	38.4	-.8	M55.7	-.4
SALISBURY	33.0	-3.7	40.0	1.6	47.8	1.8	54.0	-1.8	64.3	-.5	73.6	1.0	78.8	1.8	78.8	2.8	68.2	-1.7	53.6	-5.5	50.9	1.4	39.4	-.9	56.9	-.3
SALISBURY FAA AP	31.3	-3.8	37.8	1.2	45.6	1.4	52.6	-1.6	63.4	.3	72.1	.5	78.7	2.2	78.1	2.8	66.5	-2.1	52.3	-5.1	49.5	1.8	37.5	-1.3	55.5	-.3
SNOW HILL 4 N	32.9	-3.1	39.7	2.2	46.5	1.5	53.5	-1.1	63.8	.3	72.9	1.3	78.1	2.2	78.1	3.1	67.7	-1.3	52.3	-5.8	49.6	1.1	38.6	-.9	56.1	.0
--DIVISIONAL DATA------->	32.7	-3.3	39.5	2.0	46.6	1.5	53.6	-1.3	63.5	-.3	72.6	.6	77.3	.7	78.6	2.8	67.7	-1.9	53.2	-5.5	50.2	1.3	38.8	-1.0	56.2	-.3
CENTRAL EASTERN SHORE 02																										
CAMBRIDGE WTR TRMT PL	32.0	-2.7	39.6	3.3	47.6	3.1	54.1	-.8	65.1	.9	75.3	2.8	80.9	4.0	80.0	4.4	69.8	.3	55.1	-3.4	50.1	1.7	39.5	.8	57.4	1.2
DENTON 2 E	29.7	-4.4	37.4	1.3	M46.1	2.0	51.8	-3.1	63.8	-.5	73.6	1.0	80.9	4.0	78.9	3.3	67.4	-1.7	52.6	-5.1	48.5	.9	37.6	-.2	M55.7	-.2
ROYAL OAK 2 SSW	31.3	-3.7	38.7	2.0	46.8	1.6	53.6	-2.2	64.7	-.5	73.6	.1	80.3	2.6	79.5	2.9	68.1	-2.2	54.4	-4.9	49.6	.7	38.9	.0	56.6	-.3
VIENNA	31.6	-4.3	39.1	1.6	48.0	2.4	M55.1	-.5	65.8	1.0	74.7	1.7	M		M79.9	3.6	67.9	-2.0	M53.3	-5.6	48.9	-.1	38.5	-1.1	M	
--DIVISIONAL DATA------->	31.2	-3.8	38.7	2.0	47.1	2.2	53.7	-1.6	64.9	.3	74.3	1.4	80.7	3.5	79.6	3.6	68.3	-1.4	53.9	-4.8	49.3	.8	38.6	-.2	56.7	.2
LOWER SOUTHERN 03																										
LA PLATA 1 W	31.0	-3.6	38.4	1.6	47.2	2.0	54.4	-1.1	64.1	.1	70.9	-.7	77.3	1.4	77.4	2.6	66.4	-2.4	52.4	-5.2	48.2	.9	38.2	.3	55.5	-.3
MECHANICSVILLE 1 E	29.9		37.8		46.3		53.2		63.9		71.5		78.4		77.7		65.3		50.9		47.4		37.2		55.0	
OWINGS FERRY LANDING	30.0	-4.5	37.6	1.3	46.2	1.6	53.5	-2.0	64.5	.1	72.6	.4	79.3	3.0	78.6	3.6	67.4	-1.4	52.6	-5.1	47.9	.0	37.5	-.6	55.6	-.3
PATUXENT RIVER	30.4		35.9		44.6		M51.6		62.6		72.1		78.8		78.3		67.7		53.0		48.3		38.0		M55.1	
--DIVISIONAL DATA------->	30.3	-4.6	37.4	.5	46.1	.9	53.2	-2.5	63.8	-.8	71.8	-.6	78.5	1.8	78.0	2.4	66.7	-2.6	52.2	-5.8	48.0	.0	37.7	-.9	55.3	-.9
UPPER SOUTHERN 04																										
ANNAPOLIS POLICE BRKS	30.6		37.9		46.4		53.4		64.7		74.8		79.2		79.1		M67.9		52.8		46.9		37.3		M55.9	
BALTIMORE WSO AP R	28.7	-4.0	35.9	1.2	45.1	1.8	52.0	-2.0	64.0	.6	73.0	.8	80.3	3.5	78.5	2.9	66.8	-2.1	51.3	-5.6	48.1	1.8	36.3	-.2	55.0	-.1
BELTSVILLE	26.2	-5.1	35.7	2.7	44.6	2.7	51.3	-1.4	63.1	1.3	71.7	1.4	79.1	3.9	77.5	3.5	65.5	-1.7	50.8	-4.2	45.7	.7	35.5	.2	53.9	.3
COLLEGE PARK	28.4	-5.6	36.4	.2	M45.6	1.0	53.1	-2.3	64.9	.2	74.1	1.2	80.6	3.4	80.1	4.1	67.4	-1.8	52.4	-5.0	46.7	-.2	36.6	-.7	M55.5	-.5
DALECARLIA RESVR D C	28.8	-5.1	36.1	-.2	M45.6	.7	53.1	-2.6	64.1	-.9	72.5	-.3	M78.9	1.7	78.9	3.0	66.9	-2.3	51.2	-6.4	46.5	-.5	36.4	-1.0	M54.9	-1.2
GLENN DALE BELL STN	28.3	-4.9	37.4	2.0	45.0	1.1	52.1	-2.1	62.4	-1.0	71.6	.4	77.8	2.2	77.2	2.7	M		50.7	-5.9	46.6	.3	M		M	
LAUREL 3 W	M29.6	-3.8	35.1	-.6	M46.4	2.2	M53.4	-1.8	64.0	-.4	M73.4	.8	80.5	3.3	78.1	1.9	M67.1	-2.5	50.7	-7.5	46.6	-.9	35.5	-1.4	M55.0	-.9
NATIONAL ARBORETUM D C	28.2	-6.6	36.0	-.8	45.4	-.2	52.9	-3.3	63.7	-1.5	72.7	-.7	80.0	2.3	78.1	1.4	64.7	-5.4	50.4	-7.9	45.2	-2.9	34.1	-4.4	54.3	-2.5
UPPER MARLBORO 3 NNW	26.3		35.4		44.3		51.2		62.8		71.4		78.5		77.7		64.6		50.0		45.3		34.9		53.5	
--DIVISIONAL DATA------->	28.3	-4.9	36.2	1.1	45.4	1.7	52.5	-1.9	63.7	.0	72.8	.9	79.4	2.9	78.4	3.1	66.4	-2.3	51.1	-5.9	46.4	-.2	35.8	-1.1	54.7	-.5
NORTHERN EASTERN SHORE 05																										
CHESTERTOWN	28.7	-4.4	M35.5	.5	45.4	2.0	52.1	-2.0	64.5	.8	73.4	1.1	80.5	3.6	79.0	3.2	67.8	-1.5	53.2	-4.6	48.0	1.0	36.1	-.9	M55.4	-.1
MILLINGTON 1 SE	28.3	-3.9	36.7	2.6	45.2	2.4	52.3	-.9	63.4	.7	71.4	.3	78.3	2.7	77.1	2.6	M66.2	-1.8	51.2	-5.3	47.5	1.4	36.6	.5	M54.5	.1
--DIVISIONAL DATA------->	28.5	-4.7	36.1	1.0	45.3	1.8	52.2	-1.9	64.0	.5	72.4	.3	79.4	2.9	78.1	2.7	67.0	-2.0	52.2	-5.4	47.8	.8	36.4	-.6	55.0	-.3
NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FLD	M		M39.1		M45.5		M53.2		M62.7		72.7		M79.5		77.7		M66.2		M51.8		M		M		M	
BALTIMORE WSO CI R	30.5	-5.0	36.8	-.5	46.9	1.4	52.4	-4.4	66.5	.2	77.6	2.3	84.1	4.2	82.6	4.2	70.2	-1.5	55.4	-4.7	50.1	.9	38.3	-1.0	57.6	-.3
BENSON POLICE BARRACKS	27.0	-4.2	35.8	2.2	45.9	3.8	53.4	.6	64.6	2.2	74.3	3.7	79.5	4.6	78.1	4.3	66.7	-.8	51.7	-4.3	46.2	.9	36.6	1.5	55.0	1.2
BOYDS 2 NW	29.3		35.2		45.6		52.2		63.4		71.7		77.9		M76.6		65.3		51.8		47.2		36.4		M54.4	
CATOCTIN MOUNTAIN PARK	26.3		30.4		41.9		49.5		61.2		69.2		75.2		73.3		62.2		48.7		44.4		M31.4		M51.1	
CLARKSVILLE 3 NNE	27.4		35.1		43.9		51.4		62.8		71.4		78.2		76.9		M64.9		49.8		45.2		35.7		M53.6	
CONOWINGO DAM	25.4	-4.8	31.8	-.5	42.4	1.3	49.6	-2.4	61.0	-1.0	71.1	.5	77.2	2.1	76.7	2.7	64.3	-2.9	50.0	-5.3	45.1	1.0	33.7	-.4	52.4	-.8
DAMASCUS 2 SW	28.3		34.3		44.8		51.3		62.6		71.1		78.1		76.9		64.9		50.7		46.5		35.2		53.7	
EMMITSBURG 2 SE	25.4		33.5		42.9		50.3		61.3		69.8		77.4		76.3		63.5		48.9		44.2		34.4		52.3	
FREDRICK POLICE BRKS	M30.0		36.8		46.3		M55.4		65.3		75.0		81.6		79.6		67.6		52.9		48.4		37.4		M56.4	
MILLERS 4 NE					42.9		49.5		61.8		70.2		77.2		75.7		63.7		49.9		45.7		34.4		M	
ROCKVILLE 1 NE	M27.9	-5.4	34.6	-.8	44.6	.5	53.1	-1.8	64.4	.5	72.2	.7	79.2	3.5	78.0	3.6	66.3	-1.4	52.1	-4.7	M48.3	2.0	37.7	1.3	M54.9	-.2
TOWSON	28.0		33.3		43.8		51.6		62.4		73.1		79.4		78.1		66.6		51.7		46.3		37.0		54.3	
UNIONVILLE	M25.3	-4.2	33.3	1.4	42.1	1.2	50.0	-1.5	61.4	.5	M71.3	2.0	77.8	4.2	75.2	3.0	M61.8	-3.5	47.7	-6.1	44.1	.9	32.1	-1.3	M51.8	-.3
WESTMINSTER POLICE BRK	26.7	-3.4	32.8	.6	43.4	2.4	50.4	-1.8	62.2	.7	71.9	2.0	78.8	4.6	76.8	3.8	64.8	-1.5	49.0	-5.9	45.3	1.0	34.4	.4	53.0	.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

STATION	JAN TEMPERATURE	JAN DEPARTURE	FEB TEMPERATURE	FEB DEPARTURE	MAR TEMPERATURE	MAR DEPARTURE	APR TEMPERATURE	APR DEPARTURE	MAY TEMPERATURE	MAY DEPARTURE	JUN TEMPERATURE	JUN DEPARTURE	JUL TEMPERATURE	JUL DEPARTURE	AUG TEMPERATURE	AUG DEPARTURE	SEP TEMPERATURE	SEP DEPARTURE	OCT TEMPERATURE	OCT DEPARTURE	NOV TEMPERATURE	NOV DEPARTURE	DEC TEMPERATURE	DEC DEPARTURE	ANNUAL TEMPERATURE	ANNUAL DEPARTURE
WOODSTOCK	28.4	-3.0	35.0	1.5	M		52.0	-.9	63.6	1.2	71.9	1.6	79.1	4.2	77.4	3.9	65.8	-1.0	50.8	-4.4	46.6	1.9	36.2	1.0	M	
--DIVISIONAL DATA------->	27.6	-4.0	34.5	.8	44.2	1.9	51.6	-1.6	63.0	.4	72.2	1.4	78.8	3.7	77.2	3.3	65.3	-2.1	50.8	-5.0	46.2	1.0	35.4	.1	53.9	.0
APPALACHIAN MOUNTAIN 07																										
CUMBERLAND 2	26.9	-4.0	33.0	-.2	43.8	1.7	52.6	-.9	63.4	.6	69.7	-.7	78.6	4.2	76.8	3.6	64.3	-2.3	49.0	-6.0	45.8	1.7	34.5	.2	53.2	-.2
FROSTBURG 2	21.9		27.5		M37.2		46.6		57.0		64.3		72.5		71.5		58.8		44.5		41.1		29.4		M47.7	
HAGERSTOWN	27.4	-3.2	33.9	1.0	M44.4	2.3	52.2	-1.4	63.4	.3	71.7	.7	79.5	4.6	78.0	4.6	65.7	-1.1	M		46.7	2.4	M35.0	.8	M	
HANCOCK FRUIT LAB	27.3	-1.9	34.2	3.1	M43.4	3.4	M51.0	-.1	62.8	2.6	68.7	.2	76.4	3.5	75.2	3.5	62.4	-2.5	48.5	-4.4	43.6	.8	33.8	.9	M52.3	.8
--DIVISIONAL DATA------->	25.9	-4.2	32.2	.0	42.2	1.2	50.6	-1.7	61.7	.1	68.6	-.9	76.8	3.4	75.4	3.1	62.8	-2.9	47.3	-7.0	44.3	.7	33.2	-.5	51.8	-.6
ALLEGHENY PLATEAU 08																										
MC HENRY 2 NW	M21.7		M26.8		37.3		46.7		57.9		64.1		72.0		71.7		58.9		43.2		40.7		28.0		M47.4	
OAKLAND 1 SE	M22.9	-3.3	28.4	.4	M39.0	2.6	47.6	.4	56.9	.6	63.0	-.6	71.0	3.6	71.5	4.8	M59.4	-1.1	44.3	-5.2	42.7	3.5	31.5	1.6	M48.2	.6
SAVAGE RIVER DAM	22.2	-4.2	29.6	1.7	39.0	2.2	48.0	-.4	58.5	.7	65.0	-.4	72.1	2.6	73.1	4.5	60.5	-1.5	45.7	-5.1	41.4	1.1	31.1	.9	48.9	.2
--DIVISIONAL DATA------->	22.3	-3.2	28.3	1.1	38.4	2.6	47.4	.2	57.8	1.2	64.0	.0	71.7	4.0	72.1	5.3	59.6	-1.0	44.4	-5.1	41.6	2.5	30.2	.8	48.2	.7
DELAWARE																										
NORTHERN 01																										
NEWARK UNIVERSITY FARM	27.7	-4.0	34.7	1.0	43.9	1.8	49.6	-3.2	62.6	-.1	71.1	-.2	79.0	3.3	77.3	2.8	65.6	-2.3	50.8	-5.5	46.8	1.0	36.0	.4	53.8	-.4
WILMINGTON WSO AP R	27.4	-3.8	34.8	1.6	44.2	2.4	50.8	-1.6	62.9	.7	71.6	.4	79.4	3.4	77.3	2.5	65.8	-2.1	51.0	-5.3	46.7	1.1	35.1	-.4	53.9	-.1
WILMGTON PORTER RESVR	27.9	-2.9	34.4	1.8	43.6	2.6	50.4	-1.4	63.1	1.5	71.8	1.4	79.6	4.7	77.7	4.0	65.7	-1.2	51.2	-4.5	47.1	1.9	35.0	-.1	54.0	.7
--DIVISIONAL DATA------->	27.7	-3.9	34.9	1.4	43.9	1.9	50.3	-2.4	62.8	.4	71.5	.3	79.1	3.4	77.3	2.8	65.7	-2.1	51.0	-5.4	46.9	1.1	35.4	-.3	53.9	-.1
SOUTHERN 02																										
DOVER	31.6	-2.8	38.7	2.3	45.7	1.4	52.7	-2.0	64.4	.2	73.7	1.1	80.8	3.8	78.8	3.0	67.8	-1.8	52.9	-5.7	49.7	1.5	39.0	.6	56.3	.1
GEORGETOWN 5 SW	M30.4	-3.8	36.7	.9	44.8	1.3	51.0	-2.6	61.9	-1.2	71.6	.1	M78.3	2.2	77.7	2.8	65.9	-2.5	52.2	-4.8	48.1	.9	36.5	-1.3	M54.6	-.7
GREENWOOD 2 NE	30.6		37.9		45.8		51.5		63.4		72.7		79.0		79.6		M67.8		52.3		49.1		37.3		M55.6	
LEWES	32.4	-2.2	38.5	2.4	46.4	3.1	51.5	-1.6	62.5	.4	73.1	2.4	78.8	3.6	79.1	4.8	68.4	.0	54.5	-3.0	50.5	2.5	M39.4	.9	M56.3	1.1
MILFORD 4 SE	30.0	-4.3	38.3	2.5	45.9	1.6	51.5	-2.9	62.2	-1.7	73.1	1.1	79.3	2.8	78.2	3.0	66.9	-1.9	53.2	-4.5	49.5	1.9	38.1	.2	55.5	-.2
--DIVISIONAL DATA------->	31.0	-3.5	38.0	1.9	45.7	1.8	51.6	-2.5	62.9	-.5	72.8	1.0	79.2	3.0	78.7	3.6	67.4	-1.3	53.0	-4.7	49.4	1.6	38.1	-.2	55.7	.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND DELAWARE 1988

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF 16° OR BELOW DATE	TEMP.	LAST SPRING 20° OR BELOW DATE	TEMP.	LAST SPRING 24° OR BELOW DATE	TEMP.	LAST SPRING 28° OR BELOW DATE	TEMP.	LAST SPRING 32° OR BELOW DATE	TEMP.	FIRST FALL MINIMUM OF 32° OR BELOW DATE	TEMP.	FIRST FALL 28° OR BELOW DATE	TEMP.	FIRST FALL 24° OR BELOW DATE	TEMP.	FIRST FALL 20° OR BELOW DATE	TEMP.	FIRST FALL 16° OR BELOW DATE	TEMP.	NUMBER OF DAYS BETWEEN DATES 16° OR BELOW	20° OR BELOW	24° OR BELOW	28° OR BELOW	32° OR BELOW
MARYLAND																													
SOUTHERN EASTERN SHORE 01																													
ASSATEAGUE ISLAND NATL SE					MSG		MSG		MSG		MSG		MSG		12/ 2	32	12/ 6	28	12/10	24	12/12	11	12/12	11					
CRISFIELD SOMERS COVE			12	1/15	2/ 7	13	2/ 7	13	3/23	23	3/23	23	3/23	23	12/ 6	30	12/11	28	12/12	14	12/12	14	12/12	14	309	309	264	263	258
PRINCESS ANNE	100	6/23	0	1/12	3/22	16	3/22	16	3/23	24	3/23	24	5/ 3	30	10/ 8	32	10/14	26	12/ 6	22	12/10	18	12/12	11	265	263	258	205	158
SALISBURY	97	7/16	6	1/10	2/ 7	10	3/22	20	3/22	20	3/23	28	3/23	28	10/14	30	12/ 5	28	12/10	22	12/12	11	12/12	11	309	265	263	257	205
SALISBURY FAA AP	99	6/23	4	1/12	3/22	16	3/22	16	3/23	24	3/23	24	3/23	24	10/ 9	32	11/25	28	12/ 6	23	12/10	19	12/12	12	265	263	258	247	200
SNOW HILL 4 N	100	6/23	6	1/12	3/22	16	3/22	16	3/23	24	3/23	24	5/ 3	32	10/ 9	30	10/14	27	12/ 6	23	12/10	20	12/12	12	265	263	258	205	159
CENTRAL EASTERN SHORE 02																													
CAMBRIDGE WTR TRMT PL	102	6/23	5	1/16	2/ 7	12	3/22	20	3/22	20	3/23	28	3/23	28	10/14	29	10/27	28	12/12	12	12/12	12	12/12	12	309	265	265	218	205
DENTON 2 E	104	7/10	-3	1/11	3/22	16	3/22	16	3/22	16	3/22	16	3/29	32	10/ 9	30	10/14	27	10/31	24	12/12	10	12/12	10	265	265	223	206	194
ROYAL OAK 2 SSW	97	7/17	5	1/15	2/ 7	13	2/22	19	3/22	21	3/22	21	3/23	29	10/14	32	12/10	27	12/12	12	12/12	12	12/12	12	309	294	265	263	205
VIENNA			3	1/12	2/ 8	10	2/15	19	2/26	24	3/22	25	3/23	30	10/ 8	31	10/14	28	12/10	21	12/12	10	12/12	10	308	301	288	206	199
LOWER SOUTHERN 03																													
LA PLATA 1 W	99	7/16	3	1/11	2/14	13	3/22	19	3/22	19	4/20	28	4/20	28	10/14	28	10/14	28	12/10	22	12/12	12	12/12	12	302	265	263	177	177
MECHANICSVILLE 1 E	101	7/16	-1	1/11	2/22	16	3/22	17	3/22	17	3/28	28	4/20	29	10/ 9	31	10/27	26	12/ 6	23	12/10	18	12/12	11	294	263	259	213	172
OWINGS FERRY LANDING	100	8/17	-1	1/11	2/22	14	3/22	18	3/22	18	3/23	26	4/20	29	10/ 9	32	10/14	28	12/ 6	23	12/12	11	12/12	11	294	265	259	205	172
PATUXENT RIVER	99	7/17	9	1/12	2/ 7	11	2/22	18	3/22	23	3/22	23	3/23	31	11/23	32	12/ 9	28	12/11	23	12/12	13	12/12	13	309	294	264	262	245
UPPER SOUTHERN 04																													
ANNAPOLIS POLICE BRKS	102	8/15	4	1/16	2/22	12	2/22	12	3/23	21	3/23	21	3/23	21	10/13	32	10/27	28	11/23	23	12/11	20	12/12	8	294	293	245	218	204
BALTIMORE WSO AP	R 104	7/16	3	1/11	2/ 7	9	2/22	17	3/22	23	3/23	27	4/20	32	10/13	32	10/31	27	12/ 9	24	12/10	19	12/12	10	309	292	262	222	176
BELTSVILLE	103	7/17	-3	1/11	2/22	15	3/22	17	3/23	24	3/28	28	4/17	32	10/ 9	31	10/14	27	11/12	22	12/12	10	12/12	10	294	265	234	200	175
COLLEGE PARK	104	8/16	2	1/11	2/22	16	3/22	18	3/22	18	3/23	26	4/14	32	10/14	30	10/27	27	12/10	24	12/12	10	12/12	10	294	265	263	218	183
DALECARLIA RESVR D C	103	7/17	0	1/12	3/23	13	3/23	13	3/23	13	3/23	13	4/20	29	10/ 8	32	10/14	25	10/27	23	12/10	16	12/10	16	262	262	218	205	171
GLENN DALE BELL STN					3/22	12	3/22	12	3/23	21	4/20	27	4/26	31	MSG		MSG		MSG		MSG		MSG						
LAUREL 3 W	104	7/16	1	12/13	2/ 7	5	2/28	19	3/22	21	3/22	21	4/14	32	10/14	31	10/31	26	12/10	20	12/10	20	12/11	13	308	286	263	223	183
NATIONAL ARBORETUM D C	103	8/18	2	1/12	2/14	16	3/22	19	3/22	19	3/23	26	4/15	32	10/ 7	30	10/14	24	10/14	24	12/11	20	12/12	6	302	264	206	205	175
UPPER MARLBORO 3 NNW	102	8/18	-4	1/11	3/22	16	3/22	16	3/23	23	3/23	23	4/20	30	10/ 7	32	10/14	26	10/27	24	12/10	18	12/12	9	265	263	218	205	170
NORTHERN EASTERN SHORE 05																													
CHESTERTOWN	101	7/16	-1	1/11	2/ 7	10	2/22	18	3/22	21	3/23	26	3/23	26	10/14	31	10/31	27	12/11	20	12/11	20	12/12	10	309	293	264	222	205
MILLINGTON 1 SE	99	7/10	-4	1/11	2/22	16	3/22	17	3/23	24	3/23	24	4/17	32	10/ 9	30	10/14	28	10/31	24	12/12	10	12/12	10	294	265	222	205	175
NORTHERN CENTRAL 06																													
ABERDEEN PHILLIPS FLD	100	8/16			MSG		2/22	17	3/22	22	3/23	28	4/19	32	10/14	31	10/27	28	MSG		MSG		MSG					218	178
BALTIMORE WSO CI	R 105	8/15	8	2/ 7	2/ 7	8	2/22	20	3/21	24	3/22	25	3/22	25	12/ 2	32	12/10	24	12/10	24	12/11	19	12/12	11	309	293	264	263	255
BENSON POLICE BARRACKS	102	7/11	-2	1/15	2/22	14	3/22	18	3/23	24	3/23	24	4/20	32	10/ 9	31	10/27	25	10/31	24	12/12	7	12/12	7	294	265	222	218	172
BOYDS 2 NW	100	7/16	4	2/ 7	2/22	15	3/22	20	3/22	20	3/22	20	4/19	32	10/14	29	11/23	27	12/10	18	12/10	18	12/12	6	294	263	263	246	178
CATOCTIN MOUNTAIN PARK	96	7/ 7	-1	12/12	3/22	16	3/22	16	3/22	16	3/23	27	4/22	31	10/13	30	10/31	26	11/25	24	12/10	16	12/10	16	263	263	248	222	174
CLARKSVILLE 3 NNE	103	7/17	-9	1/11	3/22	11	3/23	20	3/23	20	4/17	27	4/26	30	10/ 6	32	10/ 9	28	10/14	23	11/23	20	12/12	7	265	245	205	175	163
CONOWINGO DAM	109	6/21	-5	1/11	3/22	15	3/22	15	3/23	21	4/17	28	4/29	32	10/ 9	29	10/13	27	10/14	23	12/10	18	12/11	16	264	263	205	179	163
DAMASCUS 2 SW	101	7/16	3	2/ 7	2/14	14	3/22	20	3/22	20	3/22	20	4/19	32	10/13	31	10/31	28	12/10	18	12/10	18	12/12	5	302	263	263	223	177
EMMITSBURG 2 SE	101	8/17	-8	1/11	3/22	15	3/22	15	3/23	21	4/22	27	4/26	30	10/ 6	31	10/ 9	26	10/14	23	10/27	20	12/12	13	265	219	205	170	163
FREDRICK POLICE BRKS	104	7/17	6	2/ 7	2/14	15	3/22	20	3/22	20	3/23	27	3/23	27	10/14	31	10/27	28	12/10	23	12/12	8	12/12	8	302	265	263	218	205
MILLERS 4 NE	99	7/16			MSG		3/22	17	3/22	17	3/23	26	4/20	32	10/14	30	10/27	27	10/31	24	12/10	18	12/12	4		263	223	218	177
ROCKVILLE 1 NE	99	7/16	1	1/11	2/13	16	3/22	19	3/22	19	3/22	19	3/23	30	10/27	30	12/10	25	12/11	21	12/12	11	12/12	11	303	265	264	263	218
TOWSON	100	7/16	4	1/16	2/22	15	3/23	18	3/23	18	3/23	18	4/17	31	10/13	32	10/27	27	12/11	20	12/11	20	12/12	6	294	263	263	218	179
UNIONVILLE	103	7/17	-10	1/11	3/22	11	3/22	11	3/23	21	4/22	28	4/29	32	10/ 6	32	10/ 8	27	10/14	22	11/23	20	12/11	15	264	246	205	169	160
WESTMINSTER POLICE BRK	103	7/16	2	2/ 7	2/26	16	3/22	18	3/22	18	4/14	26	4/20	31	10/ 6	31	10/12	28	10/31	24	12/10	16	12/10	16	288	263	223	181	169
WOODSTOCK	102	7/16			MSG		MSG		MSG		MSG		4/22	32	10/ 7	32	10/14	26	10/27	24	12/10	18	12/12	7					168

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF 16° OR BELOW DATE	TEMP.	20° OR BELOW DATE	TEMP.	24° OR BELOW DATE	TEMP.	28° OR BELOW DATE	TEMP.	32° OR BELOW DATE	TEMP.	FIRST FALL MINIMUM OF 32° OR BELOW DATE	TEMP.	28° OR BELOW DATE	TEMP.	24° OR BELOW DATE	TEMP.	20° OR BELOW DATE	TEMP.	16° OR BELOW DATE	TEMP.	NUMBER OF DAYS BETWEEN DATES 16° OR BELOW	20° OR BELOW	24° OR BELOW	28° OR BELOW	32° OR BELOW
APPALACHIAN MOUNTAIN 07																													
CUMBERLAND 2	104	7/16	2	1/11	2/21	15	3/21	17	3/22	21	3/23	27	4/19	30	10/ 8	32	10/13	25	10/30	24	12/10	18	12/11	6	294	264	222	204	172
FROSTBURG 2	96	7/17	-4	2/ 7	3/23	13	3/23	13	3/23	13	4/17	26	4/23	32	10/ 9	32	10/13	27	10/27	24	12/10	15	12/10	15	262	262	218	179	169
HAGERSTOWN	104	7/16	0	1/15	2/14	13	3/22	18	3/22	18	3/22	18	3/28	30	MSG		MSG		12/11	19	12/11	19	12/13	7	303	264	264		
HANCOCK FRUIT LAB	102	8/18	-6	1/11	3/22	11	3/22	11	3/23	24	4/20	25	5/ 1	30	10/ 6	32	10/14	24	10/14	24	10/31	20	12/12	4	265	223	205	177	158
ALLEGHENY PLATEAU 08																													
MC HENRY 2 NW	94	7/17	-8	2/ 6	3/22	12	3/23	18	4/17	23	4/20	28	4/30	32	10/ 7	32	10/13	24	10/13	24	12/ 4	19	12/10	11	263	256	179	176	160
OAKLAND 1 SE	97	8/17	-16	1/11	3/21	15	3/21	15	4/11	23	5/ 1	27	5/26	32	10/ 6	29	10/ 7	27	10/13	23	10/27	17	12/10	13	264	220	185	159	133
SAVAGE RIVER DAM	98	7/ 9	-3	1/12	3/23	15	3/23	15	3/23	15	4/20	28	4/26	30	10/ 8	31	10/14	25	10/27	23	12/10	18	12/11	13	263	262	218	177	165
DELAWARE																													
NORTHERN 01																													
NEWARK UNIVERSITY FARM	101	7/16	0	1/11	2/22	13	3/22	17	3/22	17	4/20	26	4/20	26	10/ 9	29	10/14	28	12/ 2	24	12/10	18	12/12	7	294	263	255	177	172
WILMINGTON WSO AP	R100	7/17	3	1/11	2/ 7	8	3/22	19	3/22	19	3/22	19	3/23	30	10/14	30	10/31	27	12/ 9	23	12/10	19	12/11	16	308	263	262	223	205
WILMGTON PORTER RESVR	100	7/17	7	12/12	2/ 7	8	3/22	19	3/22	19	3/22	19	3/23	29	10/27	30	10/31	28	12/10	21	12/11	15	12/11	15	308	264	263	223	218
SOUTHERN 02																													
DOVER	101	7/17	1	1/11	2/14	16	3/22	19	3/22	19	3/23	28	3/23	28	10/14	29	10/27	27	12/10	19	12/10	19	12/12	8	302	263	263	218	205
GEORGETOWN 5 SW	100	6/23	-2	1/12	3/22	16	3/22	16	3/23	24	3/23	24	4/17	31	10/ 8	30	10/14	26	10/31	24	12/11	19	12/12	10	265	264	222	205	174
GREENWOOD 2 NE	101	6/22	0	1/11	2/ 7	9	3/22	19	3/22	19	3/23	26	3/28	31	10/ 9	31	10/14	28	12/ 6	23	12/10	19	12/12	10	309	263	259	205	195
LEWES	99	6/22	9	1/16	2/ 7	11	2/22	20	2/22	20	3/22	28	3/23	30	10/27	30	12/ 6	26	12/10	23	12/12	13	12/12	13	309	294	292	259	218
MILFORD 4 SE	100	8/11	0	1/12	2/22	16	3/22	19	3/22	19	3/23	27	4/19	32	10/ 9	32	10/27	28	12/10	20	12/10	20	12/12	11	294	263	263	218	173

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE ISLAND NATL SE	0	B 0	-	B 0	34	210	B 259	-	-	4	B 0	0	-	
CRISFIELD SOMERS COVE	B 0	0	0	0	70	302	-	461	B 142	9	0	0	-	1423
PRINCESS ANNE	0	0	B 0	B 0	68	263	420	B 420	96	9	0	0	B1276	1063
SALISBURY	0	0	0	1	83	291	433	432	127	10	0	0	1377	1200
SALISBURY FAA AP	0	0	0	0	75	253	433	415	88	6	0	0	1270	1074
SNOW HILL 4 N	0	0	0	0	79	280	414	414	120	7	0	0	1314	1058
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	0	0	0	2	81	337	504	472	159	15	0	0	1570	1167
DENTON 2 E	0	0	B 2	0	80	300	501	440	118	10	0	0	B1451	1163
ROYAL OAK 2 SSW	0	0	0	1	78	289	481	459	128	15	0	0	1451	1286
VIENNA	0	0	0	B 0	112	318	-	B 468	111	B 12	0	0	-	1245
LOWER SOUTHERN 03														
LA PLATA 1 W	0	0	4	5	66	225	391	391	88	10	0	0	1180	1071
MECHANICSVILLE 1 E	0	0	2	5	70	244	428	400	69	7	0	0	1225	
OWINGS FERRY LANDING	0	0	2	5	78	268	453	428	109	12	0	0	1355	1116
PATUXENT RIVER	0	0	0	B 0	60	252	437	419	108	8	0	0	B1284	
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	0	1	68	313	447	443	B 107	11	0	0	B1390	
BALTIMORE WSO AP R	0	0	2	4	71	274	485	427	100	8	0	0	1371	1138
BELTSVILLE	0	0	3	0	58	251	451	396	73	7	0	0	1239	917
COLLEGE PARK	0	0	B 4	0	93	322	492	474	118	11	0	0	B1514	1203
DALECARLIA RESVR D C	0	0	B 4	4	79	262	B 444	436	105	9	0	0	B1343	1209
GLENN DALE BELL STN	0	1	3	3	47	241	412	386	-	6	0	-	-	1008
LAUREL 3 W	B 0	0	B 2	B 6	80	B 294	487	414	B 113	4	0	0	B1400	1220
NATIONAL ARBORETUM D C	0	0	3	0	70	284	473	411	60	4	0	0	1305	1311
UPPER MARLBORO 3 NNW	0	0	3	0	61	249	434	402	64	5	0	0	1218	
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	B 0	0	3	83	289	487	441	118	10	0	0	B1431	1158
MILLINGTON 1 SE	0	0	0	3	62	236	422	384	B 89	5	0	0	B1201	1011
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	-	B 0	B 0	B 1	B 52	266	B 455	400	B 89	B 0	-	-	-	
BALTIMORE WSO CI R	0	0	1	5	129	401	598	551	182	15	0	0	1882	1545
BENSON POLICE BARRACKS	0	0	0	1	83	308	460	413	93	4	0	0	1362	944
BOYDS 2 NW	0	0	0	4	61	245	412	B 365	70	4	0	0	B1161	
CATOCTIN MOUNTAIN PARK	0	0	0	0	45	188	333	269	30	0	0	B 0	B 865	
CLARKSVILLE 3 NNE	0	0	0	4	51	236	425	374	B 71	3	0	0	B1164	
CONOWINGO DAM	0	0	0	0	34	221	386	367	53	6	0	0	1067	928
DAMASCUS 2 SW	0	0	0	4	56	236	421	378	64	5	0	0	1164	
EMMITSBURG 2 SE	0	0	0	3	31	199	399	358	50	1	0	0	1041	
FREDRICK POLICE BRKS	B 0	0	1	B 7	95	328	519	461	117	8	0	0	B1536	
MILLERS 4 NE	-	-	0	0	45	212	392	341	42	6	0	0	-	
ROCKVILLE 1 NE	B 0	0	2	3	78	254	452	407	86	9	B 0	0	B1291	1063
TOWSON	0	0	0	6	56	277	455	409	95	6	0	0	1304	
UNIONVILLE	B 0	0	0	2	32	B 221	410	323	B 25	0	0	0	B1013	759
WESTMINSTER POLICE BRK	0	0	0	1	47	250	443	371	53	4	0	0	1169	841
WOODSTOCK	0	0	-	3	62	244	452	393	81	7	0	0	-	896
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	0	0	1	63	190	431	377	55	7	0	0	1124	902
FROSTBURG 2	0	0	B 0	0	15	100	261	229	3	1	0	0	B 609	
HAGERSTOWN	0	0	B 0	3	57	246	458	407	68	-	0	B 0	-	935
HANCOCK FRUIT LAB	0	0	B 0	B 1	51	171	370	327	27	2	0	0	B 949	692

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	B 0	B 0	0	0	24	99	248	228	8	2	0	0	B 609	
OAKLAND 1 SE	B 0	0	B 0	0	5	76	219	225	B 10	0	0	0	B 535	276
SAVAGE RIVER DAM	0	0	1	0	21	101	248	266	10	0	0	0	647	417
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	0	0	0	0	54	232	447	389	72	6	0	0	1200	1003
WILMINGTON WSO AP R	0	0	0	0	62	242	455	389	80	5	0	0	1233	1015
WILMGTON PORTER RESVR	0	0	0	2	65	246	463	403	78	7	0	0	1264	901
SOUTHERN 02														
DOVER	0	0	0	2	92	286	498	436	114	10	0	0	1438	1179
GEORGETOWN 5 SW	B 0	0	1	0	59	254	B 420	403	79	10	0	0	B 1226	1050
GREENWOOD 2 NE	0	0	0	2	67	272	444	459	B 120	9	0	0	B 1373	
LEWES	0	0	0	1	64	272	434	442	130	13	0	B 0	B 1356	946
MILFORD 4 SE	0	0	1	0	58	284	449	416	101	11	0	0	1320	1101

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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 2236	1171	1131	868	603	771	1558	-	-	-
	EVAP	-	-	-	B 4.79	6.04	8.03	8.12	6.62	B 4.31	3.53	-	-	-
	MAX TEMP	-	-	-	M 68.0	80.2	89.0	M 95.0	M 93.4	82.0	65.0	-	-	M -
	MIN TEMP	-	-	-	M 43.8	56.7	62.8	M 70.6	M 70.8	59.0	43.7	-	-	M -
UPPER MARLBORO 3 NNW	WIND	-	-	-	600	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	B 4.37	B 5.68	6.74	6.87	6.30	4.02	3.08	B 2.09	-	-
	MAX TEMP	-	-	-	66.8	77.8	-	84.2	86.3	77.5	63.1	53.7	-	M -
	MIN TEMP	-	-	-	44.6	57.5	-	70.8	70.4	57.4	44.6	M 39.7	-	M -
ALLEGHENY PLATEAU 08														
SAVAGE RIVER DAM	WIND	-	-	-	B 1198	524	710	B 489	435	-	-	-	-	-
	EVAP	-	-	-	B 4.55	B 5.86	5.92	6.19	B 6.81	B 3.77	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	WIND	-	-	-	1931	1116	1055	774	662	607	944	-	-	-
	EVAP	-	-	-	B 4.22	B 5.58	7.82	7.64	B 5.88	3.92	B 2.81	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN 02														
GEORGETOWN 5 SW	WIND	-	-	-	B 3295	1942	2392	2174	1936	1617	2078	-	-	-
	EVAP	-	-	-	B 5.39	5.63	B 8.96	8.57	7.45	B 4.96	3.59	-	-	-
	MAX TEMP	-	-	-	64.9	78.1	87.0	91.5	91.3	81.9	67.3	-	-	M -
	MIN TEMP	-	-	-	43.9	55.2	62.9	71.0	70.9	58.9	44.5	-	-	M -

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD TEMP.	YEARS OF RECORD PRECIP.	YEARS OF RECORD EVAP.	OPENED OR CLOSED DURING YR MONTH OPENED	OPENED OR CLOSED DURING YR MONTH CLOSED	SEE REFERENCE NOTES
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	63	63	0			C H
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	30	30	0			H
ASSATEAGUE ISLAND NATL SE	0335	01	WORCESTER	38 14	75 8W	7	21	21	0			H
BALTIMORE WSO AP R	0465	04	ANNE ARUNDEL	39 11	76 40W	196	54	54	0			C H J
BALTIMORE WSO CI # R	0470	06	BALTO CITY	39 17	76 37W	91	118	118	0			C
BELTSVILLE	0700	04	PRN GEORGES	39 2	76 53W	120	51	51	48			C H
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	41	41	0			H
BOYDS 2 NW	1032	06	MONTGOMERY	39 13	77 20W	580	36	36	0			H
BRIGHTON DAM	1125	06	MONTGOMERY	39 12	77 1W	330	0	43	0			
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	38 34	76 4W	5	94	94	0			H
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	22	22	0			C H
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	83	83	0			H
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	365	22	22	0			H
COLLEGE PARK	1995	04	PRN GEORGES	38 59	76 57W	90	102	102	0			C H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	53	53	0			
CRISFIELD SOMERS COVE	2215	01	SOMERSET	37 59	75 52W	8	26	26	0			
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	16	16	0			H
D'ALECARLIA RESVR D C	2325	04		38 56	77 7W	146	43	43	0			
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	720	16	16	0			H
DENTON 2 E	2523	02	CAROLINE	38 53	75 48W	50	38	38	0			H
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905	0	50	0			
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	33	33	0			H
FREDRICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	16	16	0			H
FREDERICK 3 E	3355	06	FREDERICK	39 24	77 22W	385	0	40	0			
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	17	17	0			H
GLENN DALE BELL STN	3675	04	PRN GEORGES	38 58	76 48W	150	68	68	0			H
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	47	47	0			H
HANCOCK FRUIT LAB	4030	07	WASHINGTON	39 42	78 11W	428	55	55	0			C H
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	74	74	0			H
LAUREL 3 W	5111	04	PRN GEORGES	39 6	76 54W	400	98	98	0			
MC HENRY 2 NW	5832	08	GARRETT	39 35	79 22W	2680	18	18	0			C H
MECHANICSVILLE 1 E	5865	03	ST MARYS	38 27	76 41W	100	27	27	0			H
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	0	37	0			H
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	1	1	0	MAR		C H
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	92	92	0			
NATIONAL ARBORETUM D C	6350	04		38 54	76 59W	50	42	42	0			H
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	91	91	0			H
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	72	72	0			H
PATUXENT RIVER	6915	03	ST MARY'S	38 20	76 25W	38	13	13	0			C H
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270	0	27	0			
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	40	40	0			
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	41	41	0			H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	41	41	0			H
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	82	82	0			
SALISBURY FAA AP #	8005	01	WICOMICO	38 20	75 31W	48	41	41	0			H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	38	41	38			C H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	28	73	73	0			H
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	51	76	0			
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	49	47	0			C
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	38 52	76 47W	98	33	33	33			H
VIENNA	9140	02	DORCHESTER	38 29	75 50W	12	40	40	0			
WESTMINSTER POLICE BRK	9440	06	CARROLL	39 33	76 58W	765	10	10	0			H
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	119	119	0			H

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD TEMP.	YEARS OF RECORD PRECIP.	YEARS OF RECORD EVAP.	OPENED OR CLOSED DURING YR MONTH OPENED	OPENED OR CLOSED DURING YR MONTH CLOSED	SEE REFERENCE NOTES
DELAWARE												
DOVER	2730	02	KENT	39 9	75 31W	30	101	100	0			H
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	43	43	35			C H
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	4	4	0	JAN		H
LEWES	5320	02	SUSSEX	38 46	75 8W	15	45	45	0			
MIDDLETOWN 3 E	5852	01	NEW CASTLE	39 27	75 40W	55	37	37	0			
MILFORD 4 SE	5915	02	SUSSEX	38 54	75 28W	30	93	93	0			H
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	76	76	32			C H
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36W	79	41	41	0			C H J
WILMGTON PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32W	274	77	77	0			H

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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 (ie: not precipitation alone).

NORMALS: The average value of the meteorological element over the time period - 1951-1980. 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 degree that the daily mean temperature is below (above) 65 deg. F

SOIL TEMPERATURE EXTREMES: The highest and lowest MAX and MIN temperature for each month and the year.

WIND: (As shown in "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 the 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 (eg. Z14.6 = M-14.6, Z08.2 = M108.2).

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

- \# Thermometers located in a 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 Ground" table in Monthly "Climatological Data" publications.
- 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.

The graphic displays appearing in this publication were first produced for the 1986 annual. The types of graphs and the information they portray may vary from year to year and from state to state in order to highlight climatic features of state, regional, and historical interest. Some graphs present information for "clusters". A cluster is a group of up to four (4) adjacent divisions that comprise an area of similar climate.

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 for 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:

NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N. C. 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. 1988-0585

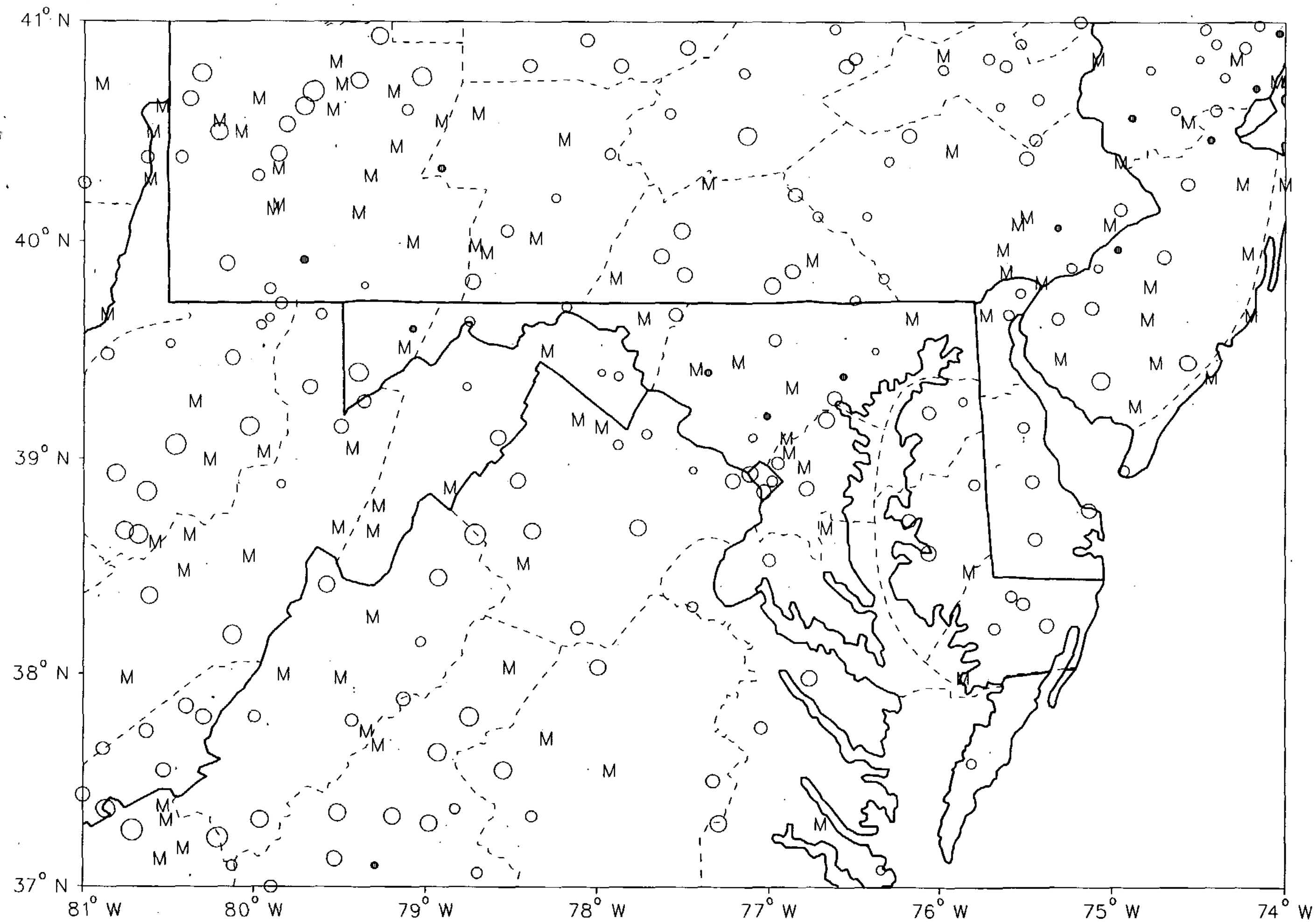
CUMULATIVE ANNUAL PRECIPITATION DEPARTURE FROM
INDIVIDUAL STATION NORMALS (1951–1980)
FOR 1988
DELAWARE

M INCOMPLETE DATA FOR THE PERIOD

▿ EXACTLY NORMAL

○○○◯ 5,10,20,.. 50% OR MORE BELOW NORMAL

●●●● 10,20,40,..100% OR MORE ABOVE NORMAL

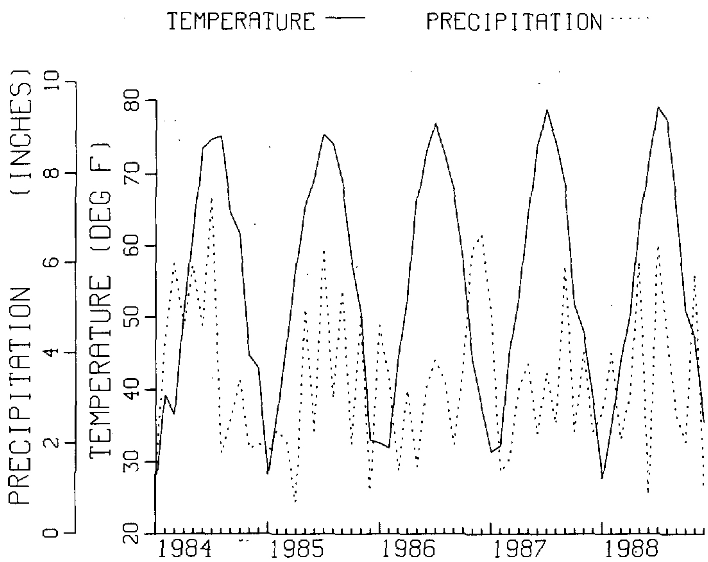


CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

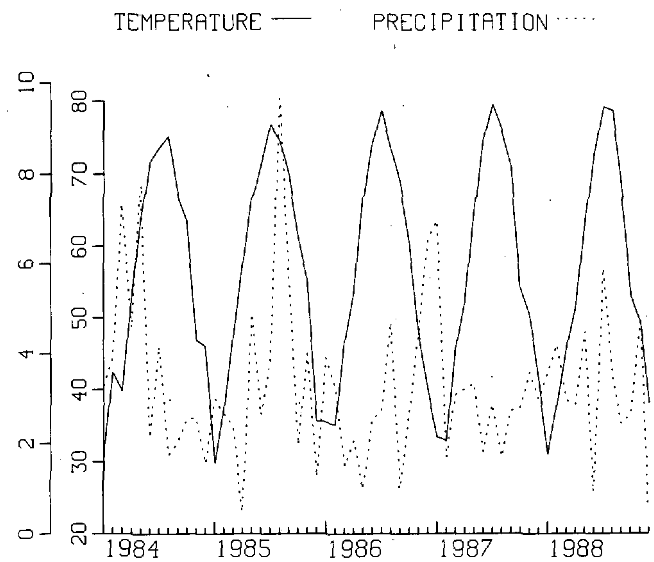
MONTHLY TEMPERATURE AND PRECIPITATION FOR THE LAST 60 MONTHS ENDING DECEMBER 1988 DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02



CLUSTER 1 (MONTHS)



CLUSTER 2 (MONTHS)

MONTHLY TEMPERATURE AND PRECIPITATION FOR THE LAST 60 MONTHS ENDING DECEMBER 1988 MARYLAND

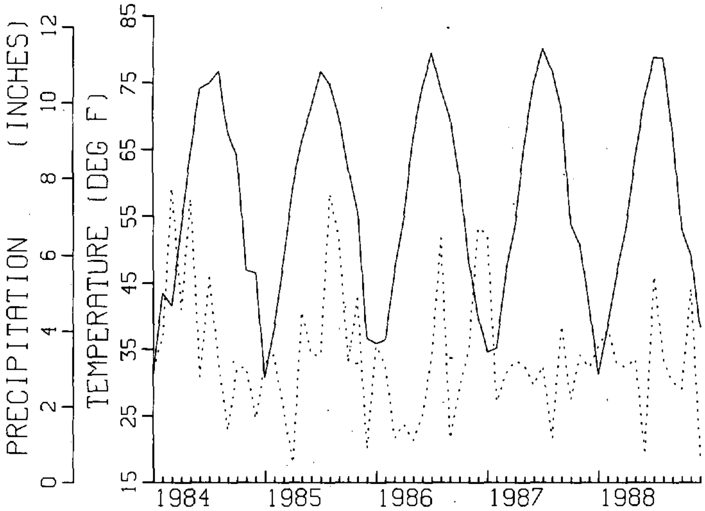
CLUSTER 1 -DIVISION(S):
SOUTHERN EASTERN SHORE 01
CENTRAL EASTERN SHORE 02
LOWER SOUTHERN 03

CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

CLUSTER 3 -DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

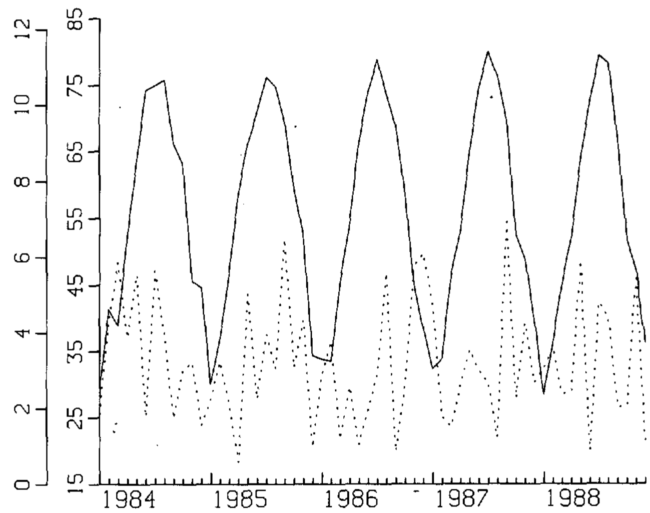
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08

TEMPERATURE —— PRECIPITATION ·····



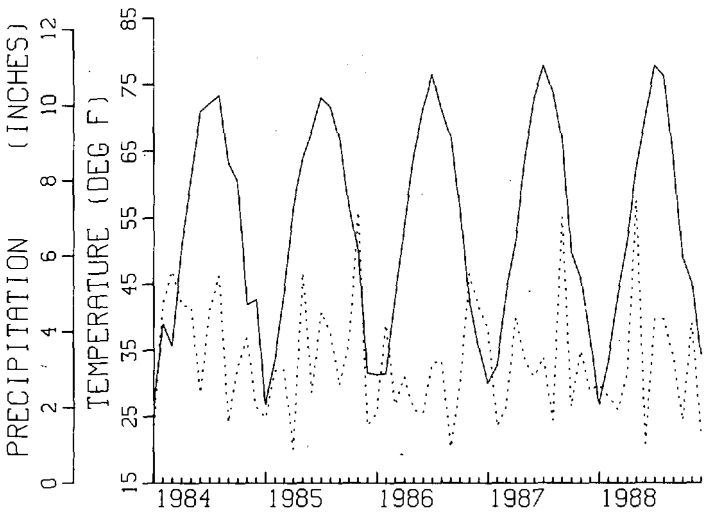
CLUSTER 1 (MONTHS)

TEMPERATURE —— PRECIPITATION ·····



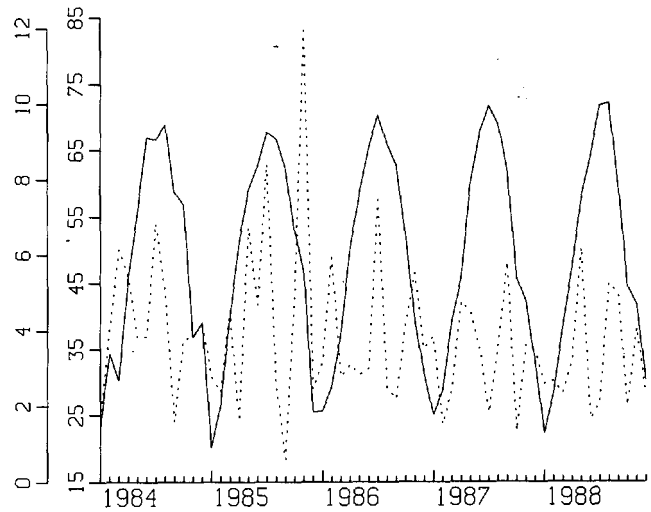
CLUSTER 2 (MONTHS)

TEMPERATURE —— PRECIPITATION ·····



CLUSTER 3 (MONTHS)

TEMPERATURE —— PRECIPITATION ·····

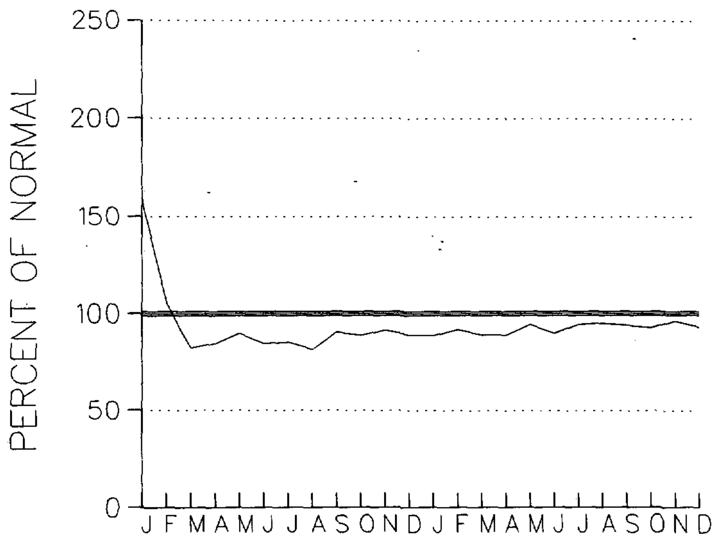


CLUSTER 4 (MONTHS)

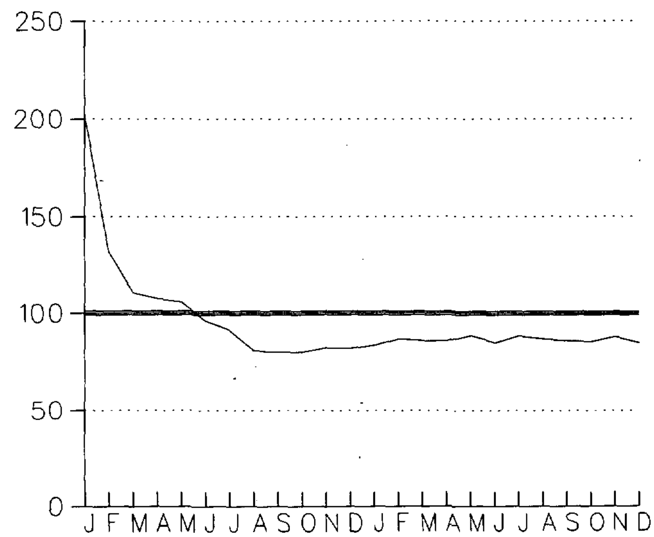
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951–1980)
FOR THE LAST 24 MONTHS
ENDING DECEMBER 1988
DELAWARE

CLUSTER 1 –DIVISION(S):
NORTHERN 01

CLUSTER 2 –DIVISION(S):
SOUTHERN 02



CLUSTER 1



CLUSTER 2

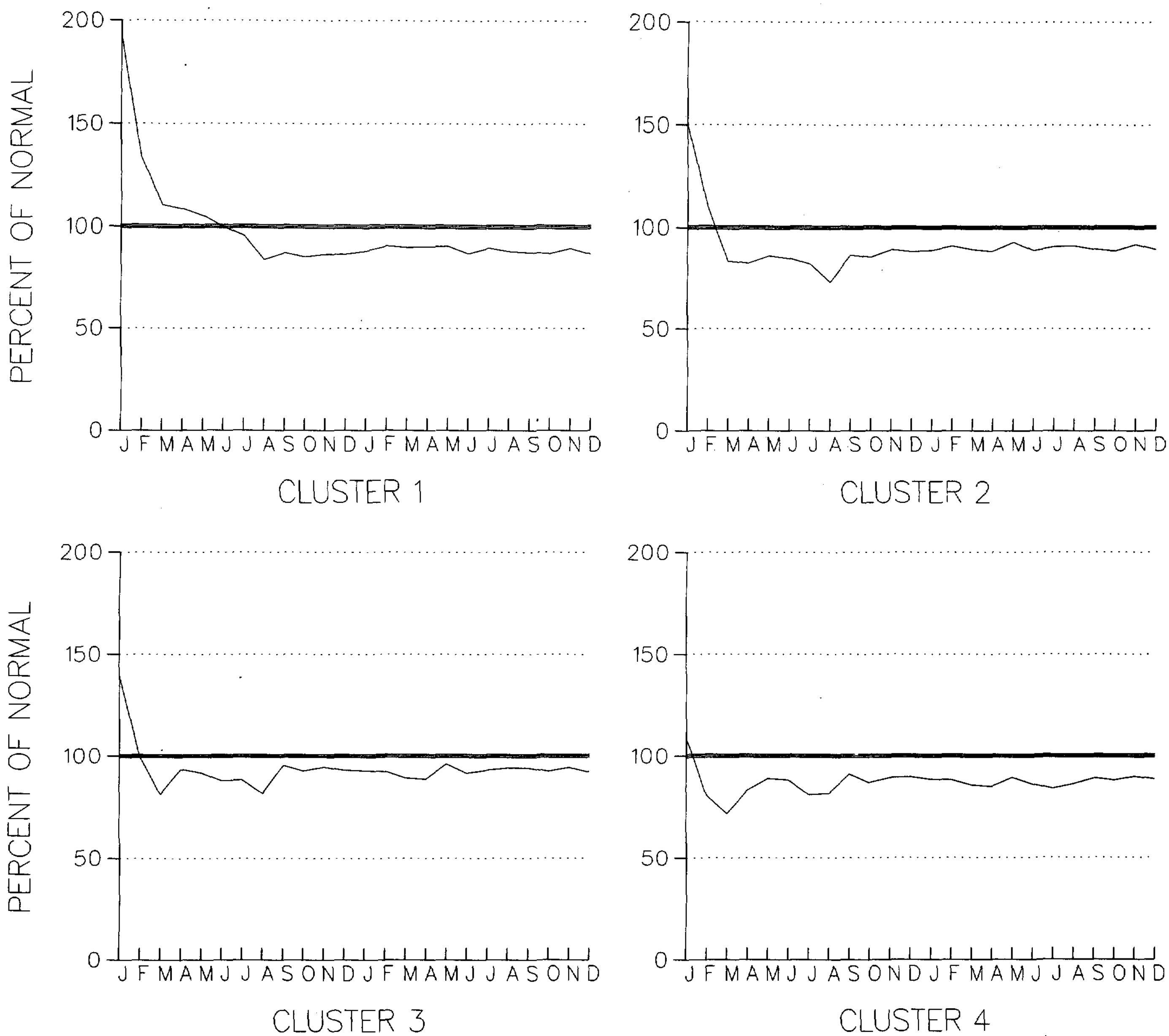
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951–1980)
FOR THE LAST 24 MONTHS
ENDING DECEMBER 1988
MARYLAND

CLUSTER 1 –DIVISION(S):
SOUTHERN EASTERN SHORE 01
CENTRAL EASTERN SHORE 02
LOWER SOUTHERN 03

CLUSTER 2 –DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

CLUSTER 3 –DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

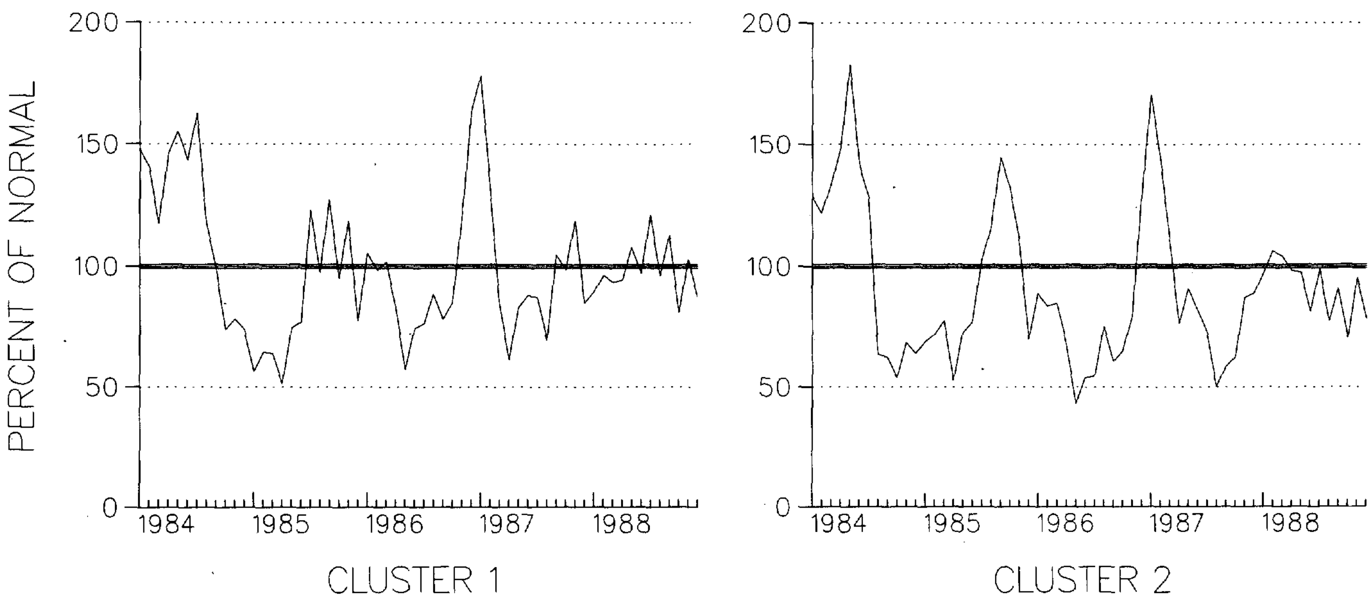
CLUSTER 4 –DIVISION(S):
ALLEGHENY PLATEAU 08



PRECIPITATION DEPARTURES FROM NORMAL (1951–1980)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1988 DATA
DELAWARE

CLUSTER 1 –DIVISION(S):
NORTHERN 01

CLUSTER 2 –DIVISION(S):
SOUTHERN 02



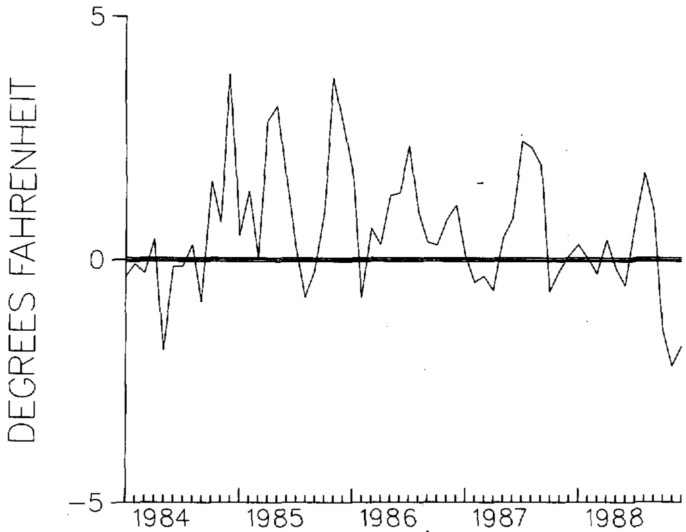
TEMPERATURE DEPARTURES FROM NORMAL (1951–1980)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1988 DATA
MARYLAND

CLUSTER 1 –DIVISION(S):
SOUTHERN EASTERN SHORE 01
CENTRAL EASTERN SHORE 02
LOWER SOUTHERN 03

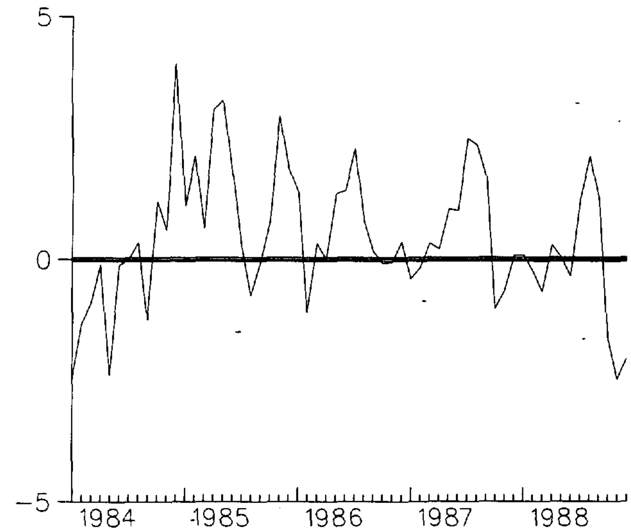
CLUSTER 2 –DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

CLUSTER 3 –DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

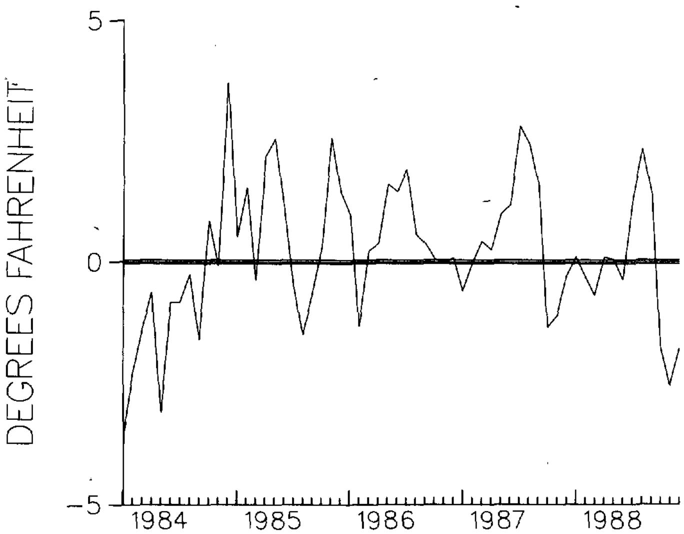
CLUSTER 4 –DIVISION(S):
ALLEGHENY PLATEAU 08



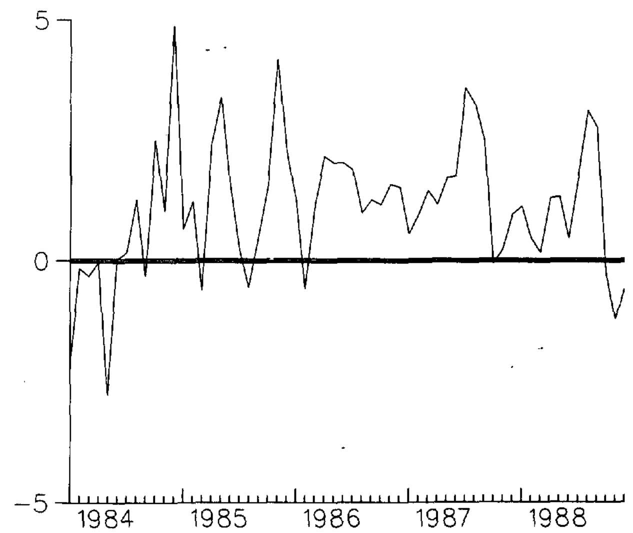
CLUSTER 1



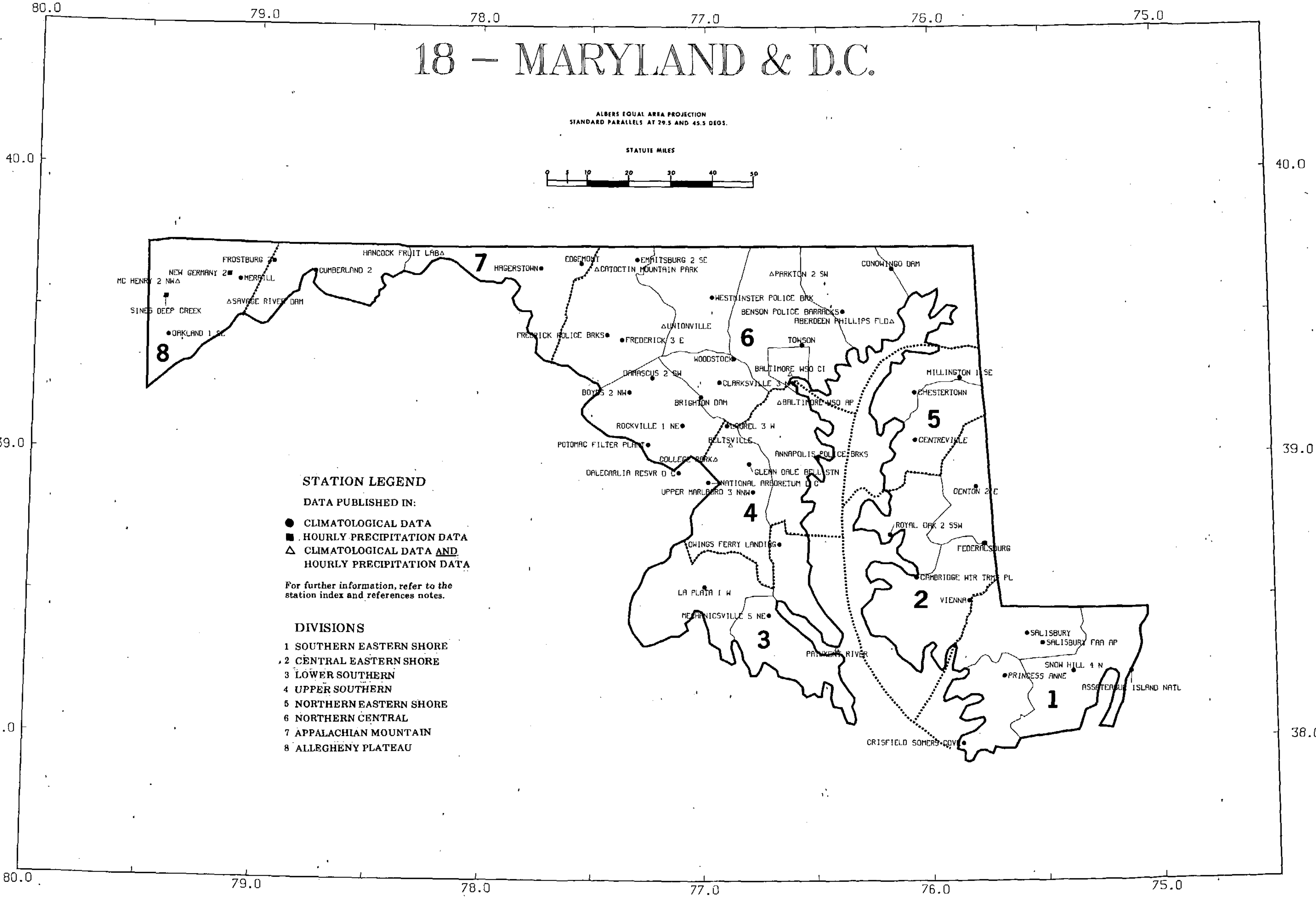
CLUSTER 2

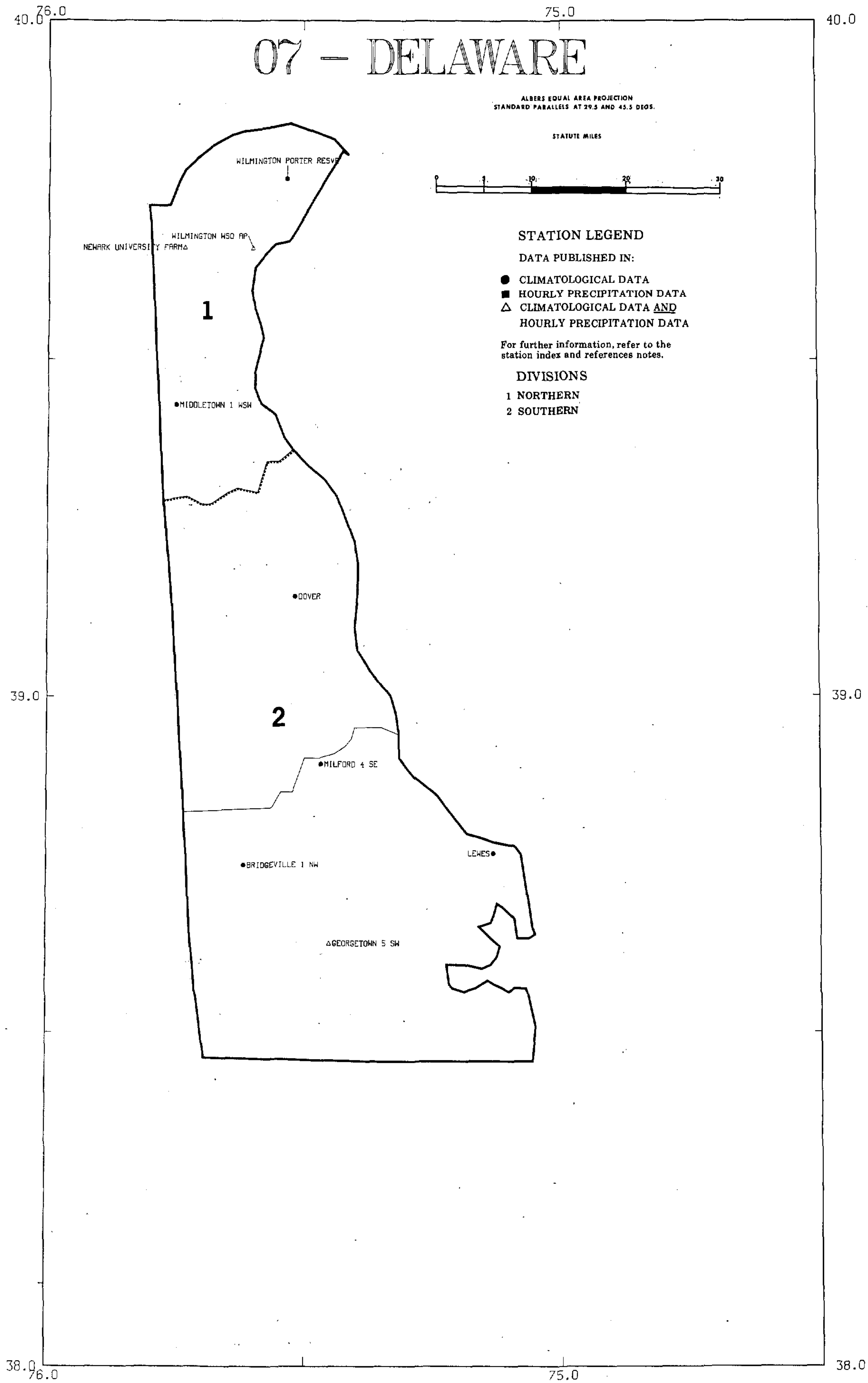


CLUSTER 3

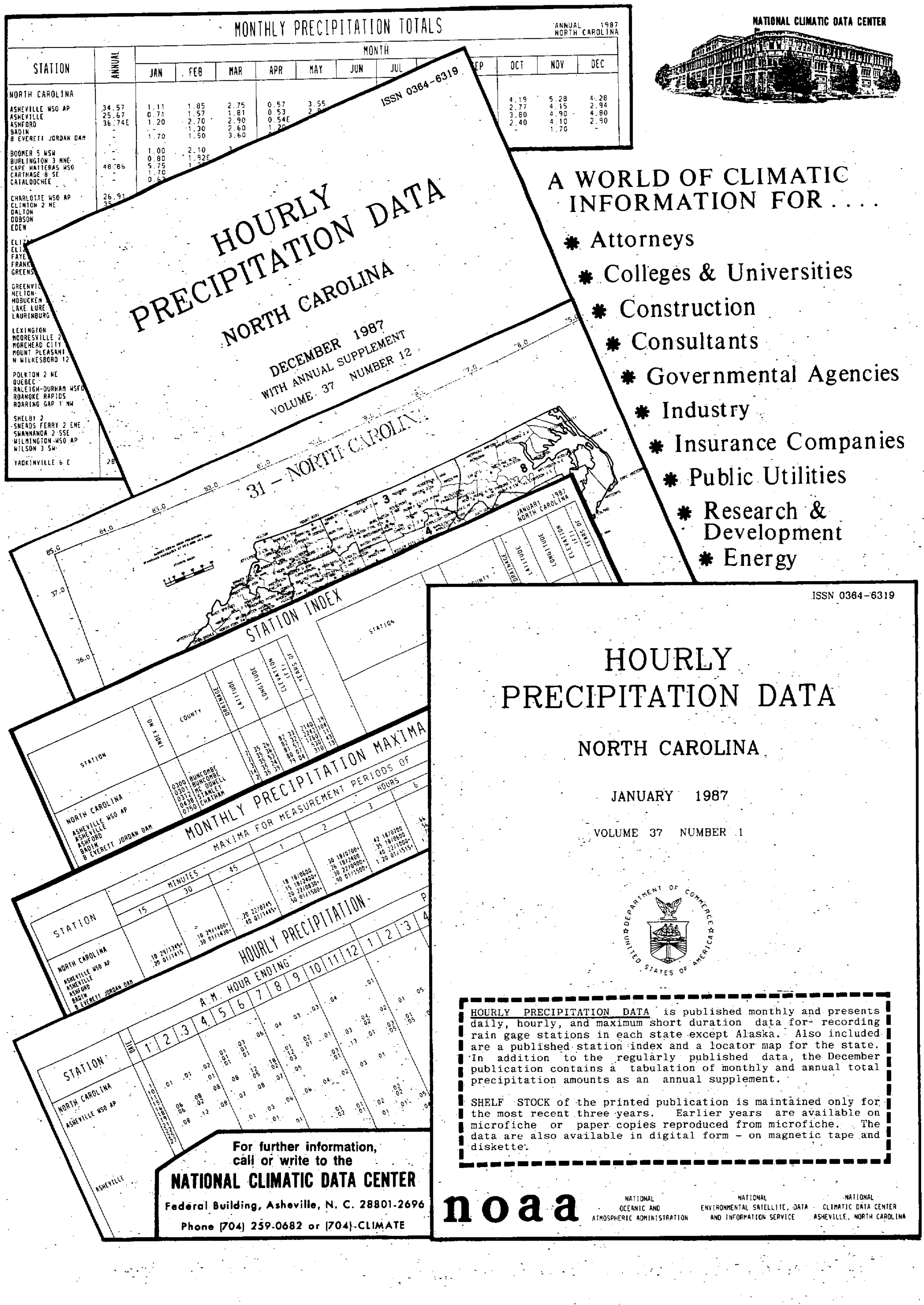


CLUSTER 4


18 — MARYLAND & D.C.
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29.5 AND 45.5 DEGS.
STATUTE MILES
0 5 10 20 30 40 50
80.0
79.0
78.0
77.0
76.0
75.0
40.0
39.0
38.0
FROSTBURG 2
NEW GERMANY 2
MERRILL
MC HENRY 2 NW
SAVAGE RIVER DAM
SINES DEEP CREEK
OAKLAND 1 SE
HANCOCK FRUIT LAB
CUMBERLAND 2
HAGERSTOWN
EDGEMONT
EMMITSBURG 2 SE
CATOCTIN MOUNTAIN PARK
PARKTON 2 SW
CONOWINGO DAM
WESTMINSTER POLICE BRK
BENSON POLICE BARRACKS
ABERDEEN PHILLIPS FLD
UNIONVILLE
FREDERICK POLICE BRKS
FREDERICK 3 E
TOWSON
WOODSTOCK
BALTIMORE WSO CI
DAMASCUS 2 SW
CLARKSVILLE 3 NNE
MILLINGTON 1 SE
CHESTERTOWN
BOYDS 2 NW
BRIGHTON DAM
BALTIMORE WSO AP
ROCKVILLE 1 NE
LAUREL 3 W
POTOMAC FILTER PLANT
BELTSVILLE
CENTREVILLE
ANNAPOLIS POLICE BRKS
COLLEGE PARK
DALECARLIA RESVR D C
GLENN DALE BELL STN
NATIONAL ARBORETUM D C
UPPER MARLBORO 3 NNW
DENTON 2 E
ROYAL OAK 2 SSW
OWINGS FERRY LANDING
FEDERALSBURG
CAMBRIDGE WTR TRMT PL
LA PLATA 1 W
VIENNA
MECHANICSVILLE 5 NE
SALISBURY
SALISBURY FAA AP
PATUXENT RIVER
SNOW HILL 4 N
PRINCESS ANNE
ASSATEAGUE ISLAND NATL
CRISFIELD SOMERS COVE
1
2
3
4
5
6
7
8
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 SOUTHERN EASTERN SHORE
2 CENTRAL EASTERN SHORE
3 LOWER SOUTHERN
4 UPPER SOUTHERN
5 NORTHERN EASTERN SHORE
6 NORTHERN CENTRAL
7 APPALACHIAN MOUNTAIN
8 ALLEGHENY PLATEAU



07 - DELAWARE
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29.5 AND 45.5 DEGS.
STATUTE MILES
0 5 10 20 30
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
WILMINGTON PORTER RESVR
WILMINGTON WSO AP
NEWARK UNIVERSITY FARM
1
MIDDLETOWN 1 WSW
DOVER
2
MILFORD 4 SE
LEWES
BRIDGEVILLE 1 NW
GEORGETOWN 5 SW
40.0
76.0
75.0
39.0
38.0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HOURLY PRECIPITATION DATA
NORTH CAROLINA
DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12
ISSN 0364-6319
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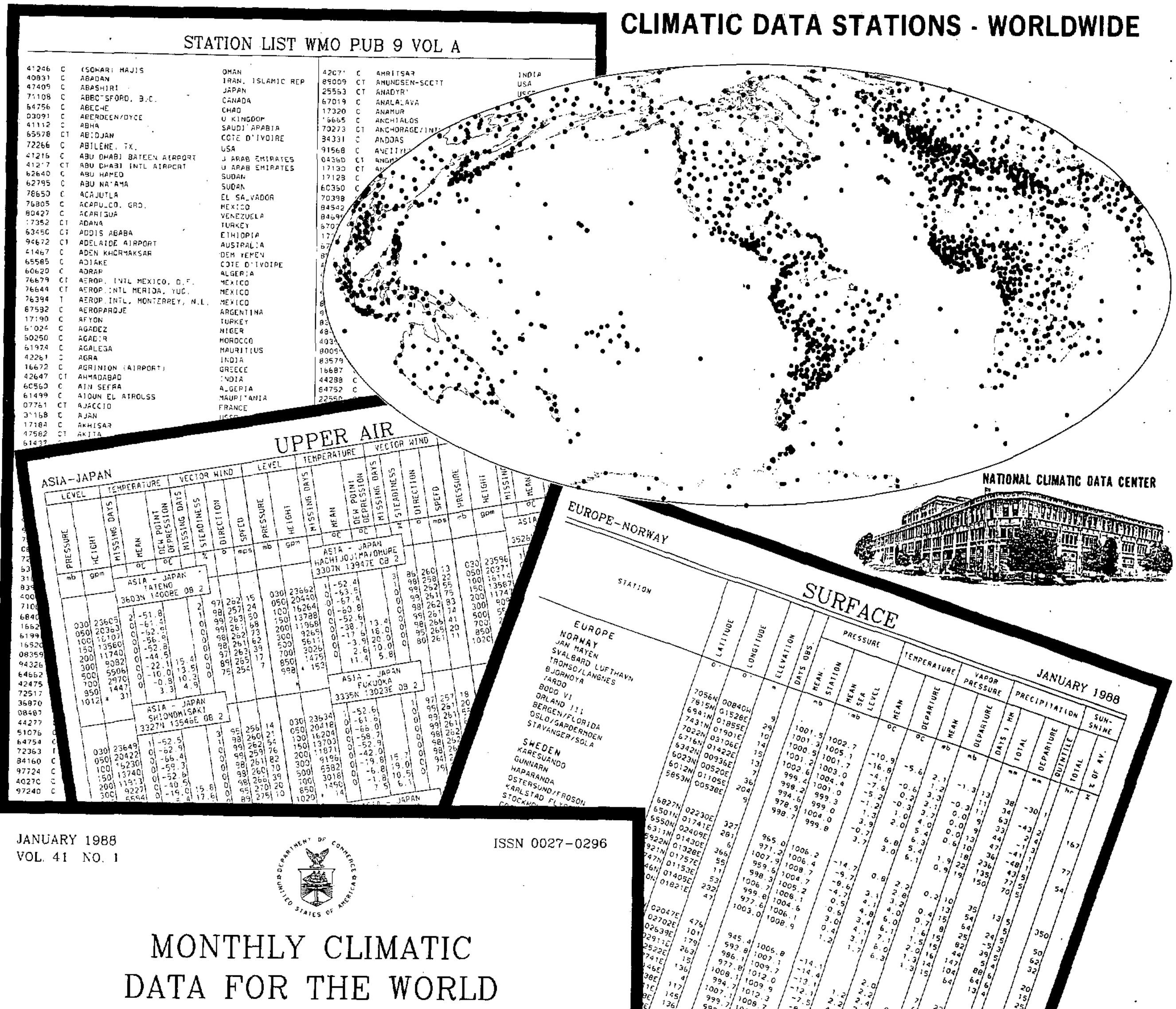

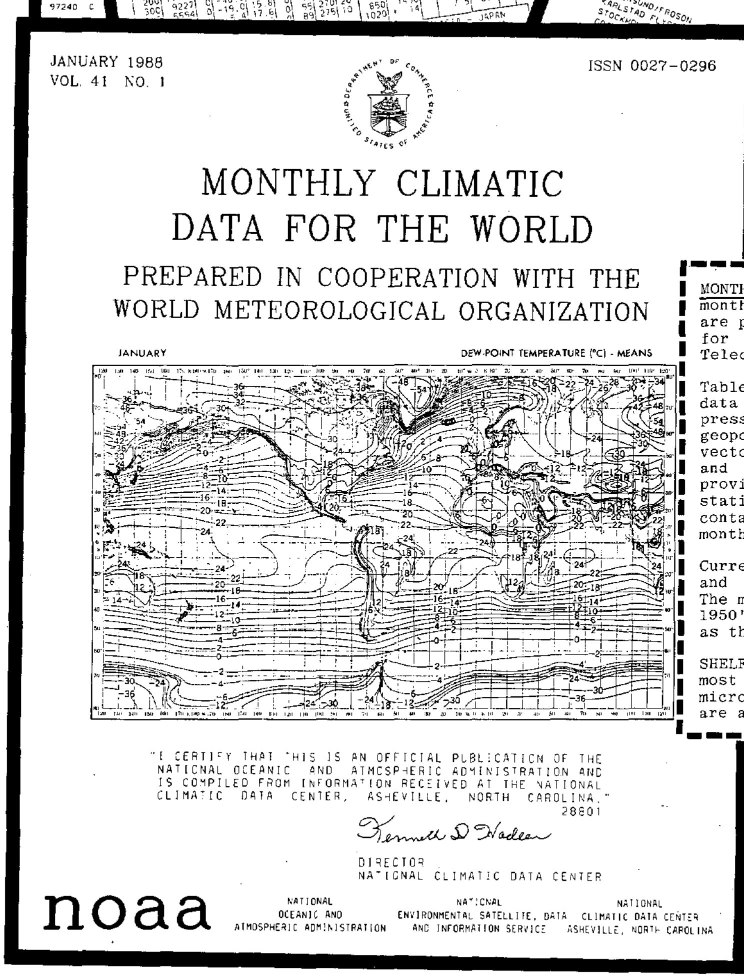

MONTHLY CLIMATIC DATA for the WORLD (MCDW) is a publication of monthly summaries of climatic data from around the world. Data are prepared by Members of the World Meteorological Organization for selected stations and exchanged via the Global Telecommunications System in coded format.

Tables of both Surface and Upper Air data are presented. Surface data tables contain elements of pressure, temperature, vapor pressure, precipitation, and sunshine. Upper Air tables contain geopotential heights, temperatures, dew point depressions, and vector winds for ten selected pressure levels between the surface and thirty millibars (hectopascals). A Station List is also provided which, in the January and July editions, contains all stations authorized for publication. In other months the list contains only those stations from which data no more than two months old have been recently received.

Currently, world maps of long term mean temperatures, dew points, and sea level pressures are included on the cover of the MCDW. The maps are generally representative of conditions during the 1950's to mid-1970's, however some data may be from as early as the 1850's.

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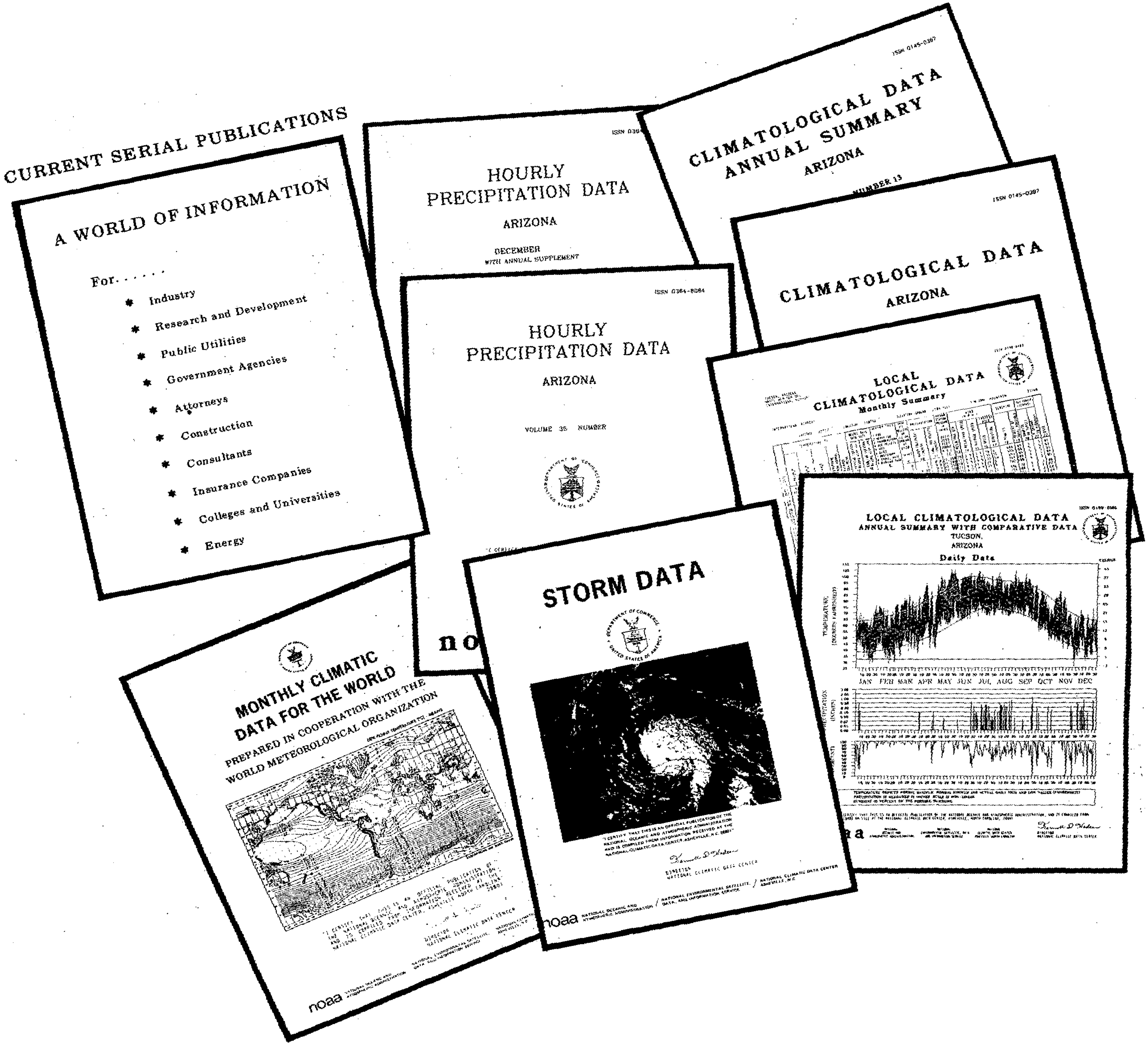
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