

CLIMATOLOGICAL DATA

ANNUAL SUMMARY

MARYLAND AND DELAWARE

1986

VOLUME 90 NUMBER 13



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28801

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ASHEVILLE NORTH CAROLINA

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1986

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
MARYLAND												
SOUTHERN EASTERN SHORE 01												
ASSATEAGUE ISLAND NATL SE	3.38		2.77		.38		2.13		1.24		1.71	
CRISFIELD SOMERS COVE	3.36	.13	2.48	-.59	.39	-3.65	1.67	-1.30	.44	-2.80	1.60	-1.56
PRINCESS ANNE	3.45	.12	3.74	.44	.42	-3.57	1.36	-1.96	.22	-3.13	1.21	-2.20
SALISBURY	4.15	.63	2.63	-.78	.65	-3.57	1.67	-1.64	.44	-2.88	2.16	-1.46
SALISBURY FAA AP	4.93	1.55	3.26	-.07	.65	-3.43	1.98	-1.18	.48	-2.90	1.45	-2.10
SNOW HILL 4 N	4.29	.66	2.94	-.66	.24	-4.36	1.22	-2.10	.76	-2.67	1.49	-2.31
--DIVISIONAL DATA----->	3.93	.51	2.97	-.34	.46	-3.69	1.67	-1.49	.60	-2.71	1.60	-1.83
CENTRAL EASTERN SHORE 02												
CAMBRIDGE WTR TRMT PL	4.44	.95	2.81	-.35	1.79	-2.27	1.14	-2.16	.82	-2.78	.87	-2.70
DENTON 2 E	3.90	.58	3.38	.47	2.28	-1.64	1.59	-1.73	.56	-2.94	2.37	-1.29
ROYAL OAK 2 SSW	4.47	1.03	3.98	.78	2.13	-1.94	1.76	-1.65	1.76	-1.87	1.56	-1.87
VIENNA	4.06	.54	3.10	-.17	1.95	-1.97	1.74	-1.60	.66	-2.36	2.30	-1.26
--DIVISIONAL DATA----->	4.22	.80	3.32	.20	2.04	-1.89	1.56	-1.71	.95	-2.48	1.78	-1.70
LOWER SOUTHERN 03												
LA PLATA 1 W	2.44	-.70	2.69	-.19	.95	-2.81	2.01	-1.16	2.14	-1.33	2.56	-1.22
MECHANICSVILLE 1 E	2.87		3.40		1.24		1.12		1.49		2.12	
OWINGS FERRY LANDING	2.29	-.85	3.48	.76	.99	-2.55	1.49	-1.75	1.68	-2.12	1.51	-2.20
PATUXENT RIVER	3.15		2.67		.92		.96		1.82		1.40	
--DIVISIONAL DATA----->	2.69	-.58	3.06	.15	1.03	-2.72	1.40	-1.73	1.78	-1.81	1.90	-1.73
UPPER SOUTHERN 04												
ANNAPOLIS POLICE BRKS	3.05		3.62		1.21		1.99		1.38		2.93	
BALTIMORE WSO AP	2.16	-.84	3.78	.80	.96	-2.76	2.64	-.71	.37	-3.07	1.46	-2.30
BELTSVILLE	2.26	-.65	3.75	1.25	.77	-2.72	3.24	-.13	.69	-3.12	2.18	-1.71
COLLEGE PARK	2.69	-.32	3.77		.75	-2.90	2.95	-.42	1.06	-2.79	1.98	-1.87
DALECARLIA RESVR D C	2.19	-.88	3.41		1.01	-2.82	3.30	-.30	1.41	-2.36	1.59	-2.09
GLENN DALE BELL STN	2.21	-.85	3.66	.91	.94	-2.76	2.70	-.82	.97	-2.97	1.89	-1.98
LAUREL 3 W	2.02		4.23	1.54	1.35	-2.31	3.52	.12	.28	-3.78	2.42	-1.47
NATIONAL ARBORETUM D C	3.18	-.01	3.74	.89	1.36	-2.39	3.46	-.09	.90	-3.03	2.84	-1.11
UPPER MARLBORO 3 NNW	1.98	-1.30	3.63	.90	1.32	-2.40	2.23	-1.09	.83	-2.77	1.76	-2.08
--DIVISIONAL DATA----->	2.47	-.59	3.80	1.01	1.07	-2.61	2.89	-.48	.88	-2.87	2.12	-1.68
NORTHERN EASTERN SHORE 05												
CHESTERTOWN	3.30	.02	3.80	.85	1.25	-2.73	1.92	-1.33	1.16	-2.46	2.26	-1.98
MILLINGTON 1 SE	4.22		3.70	.83	1.36	-2.34	2.58	-.60	1.24	-2.18	1.35	-2.32
--DIVISIONAL DATA----->	3.30	.03	3.75	.87	1.31	-2.45	2.25	-.95	1.20	-2.25	1.81	-2.05
NORTHERN CENTRAL 06												
ABERDEEN PHILLIPS FLD	2.36		2.59		.96		2.44		1.41		2.58	
BALTIMORE WSO CI	2.40	-.67	3.17	.10	1.03	-2.90	2.73	-.78	.60	-3.03	1.39	-2.32
BENSON POLICE BARRACKS	2.81		3.11	.23	1.67	-2.37	3.04	-.96	.88	-3.17	1.24	-3.06
BOYDS 2 NW	1.43		3.31		1.71		3.19		1.70		.60	
BRIGHTON DAM	2.38	-.58	4.08	1.36	1.10	-2.63	2.76	-.71	.85	-3.08	.72	-3.17
CATOCTIN MOUNTAIN PARK	1.56		4.04		2.48		3.30		2.95		4.59	
CLARKSVILLE 3 NNE	2.51		3.75		.94		3.36		.77		1.04	
CONOWINGO DAM	4.76	1.43	5.24	2.39	1.64	-2.35	3.35	-.47	1.77	-1.96	1.99	-2.30

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1986

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE ISLAND NATL SE	2.02		9.40		1.52		1.71		3.09		6.52		35.87	
CRISFIELD SOMERS COVE	.37		4.94	.55	.23	-3.04	1.62	-1.59	1.85	-1.24	4.86	1.66	23.81	
PRINCESS ANNE	3.21	-.61	7.96	2.33	4.20	.23	1.93	-1.75	2.52	-.72	6.12	2.72	36.34	-8.10
SALISBURY	3.15	-.61	6.07	.35	2.23	-1.36	1.88	-1.75	3.04	-.07	6.15	2.53	34.22	-10.61
SALISBURY FAA AP	1.53	-2.87	6.37	.65	1.64	-2.30	2.05	-1.68	3.35	.29	6.87	3.16	34.56	-10.88
SNOW HILL 4 N	2.64	-1.35	7.61	2.18	1.32	-2.21	2.40	-1.40	2.39	-.99	5.32	1.61	32.62	-13.60
--DIVISIONAL DATA----->	2.51	-1.42	7.06	1.86	1.86	-1.73	1.93	-1.63	2.71	-.48	5.97	2.45	33.27	-10.50
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	3.70	-.61	4.75	-.53	.87	-2.85	2.89	-.39	3.67	-.05	7.91	4.20	35.66	-9.54
DENTON 2 E	5.51	1.17	4.31	-.67	.62	-2.88	3.12	-.25	4.49	.96	7.38	3.86	39.51	-4.36
ROYAL OAK 2 SSW	3.35	-1.04	6.63	1.54	.74	-2.98	3.24	-.22	4.36	.63	7.08	3.34	41.06	-4.25
VIENNA	1.16	-2.78	6.45	.82	.94	-3.03	2.96	-.48	2.08	-1.24	6.83	3.26	34.23	-10.27
--DIVISIONAL DATA----->	3.43	-.71	5.54	.32	.79	-2.86	3.05	-.28	3.65	.12	7.30	3.70	37.63	-6.49
LOWER SOUTHERN 03														
LA PLATA 1 W	4.19	.16	8.18	3.26	.73	-2.71	2.14	-1.27	3.78	.58	5.84	2.42	37.65	-4.97
MECHANICSVILLE 1 E	5.30		7.26		.47		3.22		3.97		7.77		40.23	
OWINGS FERRY LANDING	4.98	1.32	5.98	1.79	.82	-2.70	2.27	-1.00	4.91	1.58	7.13	3.84	37.53	-3.88
PATUXENT RIVER	1.69		5.80		1.23		2.41		2.91		7.00		31.96	
--DIVISIONAL DATA----->	4.04	-.06	6.81	2.19	.81	-2.69	2.51	-.76	4.22	.88	6.94	3.56	37.19	-5.30
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	3.37		7.25		.89		2.14		5.73		6.36		39.92	
BALTIMORE WSO AP	4.12	.23	4.26	-.36	.58	-2.88	1.86	-1.25	5.96	2.85	5.52	2.12	33.67	-8.17
BELTSVILLE	2.75	-1.39	4.88	.17	1.05	-2.66	2.48	-.76	5.96	2.99	5.49	2.15	35.50	-6.58
COLLEGE PARK	4.03	-.03	6.02	1.02	.67	-2.89	2.04	-1.07	5.87	2.77	5.19	1.81	37.02	
DALECARLIA RESVR D C	4.30	.26	8.74	4.14	.78	-2.64	1.79	-1.51	5.63	2.48	6.58	3.09	40.73	
GLENN DALE BELL STN	3.55	-.76	7.73	2.82	1.23	-2.43	2.12	-1.18	6.28	2.94	4.12	.73	37.40	-6.35
LAUREL 3 W	3.72	-.16	5.15	.98	1.36	-2.02	2.77	-.36	6.10	2.70	6.20	2.86	39.12	
NATIONAL ARBORETUM D C	5.02	.82	4.86	-.24	1.47	-2.11	2.12	-1.05	5.82	2.74	5.20	1.84	39.97	-3.54
UPPER MARLBORO 3 NNW	4.23	.17	5.43	.77	.75	-2.98	1.72	-1.57	5.92	2.76	5.69	2.30	35.49	-7.29
--DIVISIONAL DATA----->	3.90	-.09	6.04	1.30	.98	-2.54	2.12	-1.02	5.92	2.79	5.59	2.21	37.78	-4.57
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	1.75	-2.19	5.47	.86	.73	-2.85	2.50	-.66	5.70	2.24	6.23	2.36	36.07	-7.87
MILLINGTON 1 SE	2.04	-1.83	4.82	.08	.69	-3.10	3.59	.54	5.48	2.01	6.95	3.37	38.02	
--DIVISIONAL DATA----->	1.90	-2.03	5.15	.64	.71	-2.96	3.05	-.01	5.59	2.19	6.59	2.94	36.61	-6.03
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	1.48		3.41		1.08		3.05		6.71		6.64		34.71	
BALTIMORE WSO CI	3.12	-.91	8.46	3.89	.69	-2.97	2.07	-1.02	5.95	2.61	6.22	2.44	37.83	-5.56
BENSON POLICE BARRACKS	1.99	-2.36	7.01	2.10	.88	-3.30	3.97	-.99	7.67	3.78	6.42	2.43	40.69	
BOYDS 2 NW	3.30		2.59		.55		1.68		5.38		4.53		29.97	
BRIGHTON DAM	4.39	.85	5.11	.98	1.02	-2.67	2.34	-.78	6.03	2.86	5.49	2.08	36.27	-5.49
CATOCTIN MOUNTAIN PARK	1.60		2.94		1.07		2.91		5.52		5.54		38.50	
CLARKSVILLE 3 NNE	2.77		5.54		.76		2.11		6.01		5.67		35.23	
CONOWINGO DAM	2.00	-2.37	4.90	.36	.41	-3.48	2.84	-.35	8.94	5.46	5.84	1.97	43.68	-1.67

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MARYLAND AND
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STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
DAMASCUS 2 SW	2.06		4.26		1.53		3.61		1.18		.90	
EMMITSBURG 2 SE	1.60		4.62		2.60		3.19		1.52		2.23	
FREDRICK POLICE BRKS	1.26		4.30		2.26		2.36		1.28		.85	
FREDERICK 3 E	1.51	-1.37	4.28	1.73	2.25	-1.27	2.48	-1.13	1.43	-2.43	.94	-3.08
PARKTON 2 SW	3.09		3.93		2.01		3.93		1.02		1.22	
POTOMAC FILTER PLANT	2.05		3.49		.88		3.44		2.21		1.07	
ROCKVILLE 1 NE	2.17	-.78	3.79	1.13	1.10	-2.44	3.29	.05	3.22	-.55	1.31	-2.68
TOWSON	3.91	.60	3.54	.36	1.66	-2.38	4.22	.24	1.04	-2.97	1.58	-2.46
UNIONVILLE	1.61	-1.15	4.15	1.74	1.79	-1.59	3.75	.24	.73	-2.94	1.21	-2.87
WESTMINSTER POLICE BRK	1.79	-1.33	3.45	.63	1.57	-2.35	2.54	-1.15	1.83	-2.04	1.22	-2.87
WOODSTOCK	2.68	-.46	4.24	1.48	1.42	-2.52	2.86	-.76	.53	-3.24	.76	-3.27
--DIVISIONAL DATA-->	2.35	-.78	3.88	1.07	1.65	-2.17	3.20	-.43	1.40	-2.42	1.54	-2.51
APPALACHIAN MOUNTAIN												
CUMBERLAND 2	1.00	-1.53	4.53	2.12	2.38	-1.23	2.01	-1.35	2.51	-1.10	1.07	-2.71
EDGEMONT	1.29	-1.78	3.88	1.26	2.58	-1.13	3.04	-.61	4.55	.73		
FROSTBURG 2	1.81		5.71		2.59		2.57		2.56		2.09	
HAGERSTOWN	1.19	-1.61	3.88	1.62	2.37	-1.01	2.82	-.68	2.44	-1.30	2.73	-1.19
HANCOCK FRUIT LAB	1.40	-1.21	4.00	1.64	2.54	-.95	2.24	-1.00	2.28	-1.13	2.72	-1.14
--DIVISIONAL DATA-->	1.35	-1.40	4.53	2.03	2.47	-1.19	2.41	-1.02	2.45	-1.24	2.15	-1.60
ALLEGHENY PLATEAU												
MC HENRY 2 NW	3.43		7.05		3.18		3.87		2.71		3.78	
MERRILL	1.59	-1.32	4.77	2.05	2.50	-1.42	3.05	-.62	2.47	-1.40	2.02	-1.58
OAKLAND 1 SE	5.36	1.57	5.98	2.78	2.87	-1.55	3.16	-1.35	3.18	-1.26	3.08	-1.28
SAVAGE RIVER DAM	.73	-1.87	4.78	2.43	2.28	-1.10	2.26	-1.22	2.59	-1.08	2.11	-1.39
--DIVISIONAL DATA-->	3.17	-.36	5.94	2.85	2.78	-1.43	3.10	-1.09	2.83	-1.29	2.99	-1.15
DELAWARE												
NORTHERN												
MIDDLETOWN 3 E												
NEWARK UNIVERSITY FARM	4.25	1.15			1.42	-2.24	2.56	-.94	.98	-2.54	2.32	-1.43
WILMINGTON WSO AP	4.21	1.10	2.77	-.22	1.19	-2.68	2.77	-.62	1.69	-1.54	4.05	-.54
WILMGTN PORTER RESVR	5.37	2.08	4.21	1.21	1.52	-2.55	4.27	.39	1.80	-1.77	3.29	-.71
--DIVISIONAL DATA-->	4.61	1.48	3.49	.62	1.38	-2.39	3.20	-.34	1.49	-1.87	3.22	-.47
SOUTHERN												
DOVER												
GEORGETOWN 5 SW	3.84	.60	3.46	.60	2.29	-1.58	2.09	-1.12	1.20	-2.30	2.39	-1.22
GREENWOOD 2 NE	3.86	.51	3.38	.36	1.27	-2.70	2.28	-.92	.97	-2.29	3.58	-.01
LEWES	3.82		2.97		1.41		1.80		1.11		2.46	
MILFORD 4 SE	4.17	.70	3.26	-.07	1.02	-3.19	2.08	-1.33	1.03	-2.51	1.78	-1.92
--DIVISIONAL DATA-->	3.88	.49	3.14	.01	1.56	-2.47	2.09	-1.32	.69	-2.79	2.50	-1.22
	3.91	.48	3.24	.10	1.51	-2.52	2.07	-1.24	1.00	-2.40	2.54	-1.11

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	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
DAMASCUS 2 SW	2.97		5.89		.94		2.36		5.62		5.20		36.52	
EMMITSBURG 2 SE	2.27		1.82		.88		2.34		5.58		5.75		34.40	
FREDRICK POLICE BRKS	1.79		2.61		.85				5.33		4.84			
FREDERICK 3 E	3.08	-.56	6.57	2.86	1.35	-2.20 ^M	2.70	-.43	6.82	3.66	5.44	2.21	38.85	-2.01
PARKTON 2 SW	3.21		2.42		1.41		2.07		6.90		5.75		36.96	
POTOMAC FILTER PLANT	2.16		2.58		.98		1.82		5.21		5.56		31.45	
ROCKVILLE 1 NE	2.56	-1.22	3.06	-1.40	1.01	-2.45	2.77	-.23	5.69	2.63	5.38	2.38	35.35	-5.56
TOWSON	3.38	-.75	6.81	2.02	.94	-3.21	2.12	-1.31	7.60	3.77	7.21	3.39	44.01	-2.70
UNIONVILLE	1.96	-1.63	3.38	-.38	.79	-2.72	2.14	-.79	6.52	3.43	5.04	1.74	33.07	-6.92
WESTMINSTER POLICE BRK	3.17	-.83	3.45	-.55	.80	-3.03	2.99	-.11	7.27	4.06	5.10	1.61	35.18	-7.96
WOODSTOCK	2.51	-1.05	3.62	-.36	.72	-3.28	1.80	-1.32	5.94	2.66	5.43	1.91	32.51	-10.21
--DIVISIONAL DATA----->	2.51	-1.39	4.24	-.06	.86	-2.97	2.48	-.67	6.41	3.06	5.66	2.14	36.18	-7.13
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	4.13	.94	1.20	-2.13	.88	-2.04	2.70	-.01	4.47	2.06	3.14	.50	30.02	-6.48
EDGEMONT	1.78	-1.47	3.65	-.18	.74	-3.42	2.42	-.88	5.78	2.40	4.94	1.92		
FROSTBURG 2	6.72		2.08		1.82		4.27		5.28		3.78		41.28	
HAGERSTOWN	2.23	-1.11	3.50	-.09	.54	-2.76	1.63	-1.50 ^M	4.39		3.91	1.05 ^M	31.63	
HANCOCK FRUIT LAB	2.29	-1.27	2.08	-1.22	.80	-2.42	2.18	-.75	4.22	1.55	3.74	1.15	30.49	-6.75
--DIVISIONAL DATA----->	3.84	.42	2.22	-1.29	1.01	-2.18	2.70	-.27	4.66	1.92	3.64	.80	33.43	-5.02
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	10.18		3.06		2.67		5.72		6.03		3.40		55.08	
MERRILL	4.92	1.25	2.32	-1.34	1.12	-1.74	4.27	1.39	4.74	2.13	3.14	.01	36.91	-2.59
OAKLAND 1 SE	6.24	1.56	2.62	-1.98	2.24	-.87	3.27	.10	6.08	2.94	3.65	-.25	47.73	.41
SAVAGE RIVER DAM	5.99	2.37	1.81	-1.80	1.70	-1.29	3.56	.68	4.48	2.13	3.51	.83	35.80	-1.31
--DIVISIONAL DATA----->	7.47	3.20	2.50	-1.68	2.20	-.96	4.18	1.05	5.53	2.53	3.52	-.13	46.21	1.54
DELAWARE														
NORTHERN 01														
MIDDLETOWN 3 E	4.98		2.65		1.14		4.05		5.72		7.19			
NEWARK UNIVERSITY FARM	3.69	-.63	4.77	.27	1.52	-2.09	3.91	.73	7.10	3.91	6.55	3.02		
WILMINGTON WSO AP	3.99	.09	2.88	-1.15	2.75	-.84	4.04	1.15	6.42	3.09	6.11	2.57	42.87	1.49
WILMGTN PORTER RESVR	2.76	-1.37	3.32	-1.10	2.47	-1.34	2.82	-.41	6.06	2.30	6.82	3.08	44.71	-.19
--DIVISIONAL DATA----->	3.86	-.14	3.41	-.76	1.97	-1.62	3.71	.54	6.33	2.95	6.67	3.12	43.34	1.12
SOUTHERN 02														
DOVER	1.82	-2.45	3.94	-1.18	1.73	-2.41	2.45	-1.11	5.46	1.93	6.66	3.13	37.33	-7.11
GEORGETOWN 5 SW	2.05	-1.97	6.40	.97	1.69	-1.82	2.88	-.60	3.57	.28	5.82	2.23	37.75	-5.96
GREENWOOD 2 NE	4.41		3.69		.43		2.87		4.25		7.11		36.33	
LEWES	3.15	-1.01	5.26	-.10	.76	-2.50	2.16	-1.17 ^M	3.85		6.10	2.28 ^M	34.62	
MILFORD 4 SE	2.26	-2.12	4.22	-.56	.39	-3.36	3.16	-.31	4.56	1.13	7.06	3.25	35.51	-9.27
--DIVISIONAL DATA----->	2.74	-1.49	4.70	-.54	1.00	-2.67	2.70	-.77	4.46	1.09	6.55	2.82	36.42	-8.25

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

MARYLAND AND
DELAWARE
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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 ISLAND NATL SE	35.5		37.1		44.7		52.3		62.9		70.9		78.0		74.5		68.9		61.9		49.5		40.3		56.4		
CRISFIELD SOMERS COVE	36.5	-3	38.0	.0	47.5	1.6	54.0	-1.8	65.7	1.9	74.0	2.3	79.3	3.3	73.5	-1.5	68.9	-1.3	62.9	2.1	50.0	-5	42.2	1.3	57.1	1.1	
PRINCESS ANNE	36.1	.5	37.3	.0	46.8	1.8	54.0	-1.8	65.7	1.9	74.0	2.3	79.3	3.3	73.5	-1.5	68.9	-1.3	62.9	2.1	50.0	-5	42.2	1.3	57.1	1.1	
SALISBURY	37.0	.3	37.8	-6	47.8	1.8	55.2	-6	67.4	2.6	74.9	2.3	79.6	2.6	74.7	-1.3	69.7	-2	61.8	2.7	50.3	.8	41.4	1.1	58.1	1.0	
SALISBURY FAA AP	34.2	-9	36.3	-3	46.4	2.2	53.8	-4	65.5	2.4	72.7	1.1	79.5	3.0	73.2	-2.1	68.5	-1	59.6	2.2	48.3	.6	40.2	1.4	56.5	.8	
SNOW HILL 4 N	36.8	.8	38.0	.5	46.9	1.9	54.6	.0	66.7	3.2	73.8	2.2	78.6	2.7	73.7	-1.3	69.9	.9	61.3	3.2	49.8	1.3	40.8	1.3	57.6	1.4	
--DIVISIONAL DATA----->	36.0	.0	37.4	-1.1	46.7	1.6	54.0	-9	65.6	1.8	73.5	1.5	79.0	2.4	74.3	-1.5	69.4	-2	61.2	2.5	49.6	.7	40.9	1.1	57.3	.7	
CENTRAL EASTERN SHORE 02																											
CAMBRIDGE WTR TRMT PL	37.2	2.5	36.8	.5	47.5	3.0	56.1	1.2	67.9	3.7	76.4	3.9	81.0	4.1	74.9	-7	70.7	1.2	61.4	2.9	49.7	1.3	41.1	2.4	58.4	2.2	
DENTON 2 E	35.3	1.2	34.2	-1.9	46.7	2.6	53.8	-1.1	67.6	3.3	75.4	2.8	79.1	2.2	73.5	-2.1	69.6	.5	60.6	2.9	46.9	-7	38.5	.7	56.8	.9	
ROYAL OAK 2 SSW	35.9	.9	36.0	-7	46.6	1.4	55.0	-8	67.3	2.1	74.7	1.2	79.5	1.8	74.7	-1.9	70.5	.2	61.2	1.9	47.7	-1.2	40.6	1.7	57.5	.6	
VIENNA	36.7	.8	37.6	.1	47.8	2.2	56.6	1.0	69.5	4.7	75.7	2.7	81.8	4.4	75.6	-7	70.5	.6	62.7	3.8	48.9	-1	41.6	2.0	58.8	1.8	
--DIVISIONAL DATA----->	36.3	1.3	36.2	-5	47.2	2.3	55.4	.1	68.1	3.5	75.6	2.7	80.4	3.2	74.7	-1.3	70.3	.6	61.5	2.8	48.3	-2	40.5	1.7	57.9	1.4	
LOWER SOUTHERN 03																											
LA PLATA 1 W	35.8	1.2	36.7	-1	47.6	2.4	56.2	.7	66.1	2.1	73.5	1.9	77.1	1.2	72.6	-2.2	68.9	.1	59.3	1.7	46.4	-9	38.6	.7	56.6	.7	
MECHANICSVILLE 1 E	35.0		35.4		46.6		54.8		66.0		73.3		78.1		72.2		68.4		58.3		46.2		38.7		56.1		
OWINGS FERRY LANDING	35.1	.6	35.8	-5	46.9	2.3	55.6	.1	67.4	3.0	74.8	2.6	79.1	2.8	73.4	-1.6	69.8	1.0	60.1	2.4	46.1	-1.8	38.6	.5	56.9	1.0	
PATUXENT RIVER	35.7		35.8		46.6		54.7		67.2		75.4		81.0		75.1		71.0		62.0		49.2		40.6		57.9		
--DIVISIONAL DATA----->	35.4	.5	35.9	-1.0	46.9	1.7	55.3	-4	66.7	2.1	74.3	1.9	78.8	2.1	73.3	-2.3	69.5	.2	59.9	1.9	47.0	-1.0	39.1	.5	56.8	.5	
UPPER SOUTHERN 04																											
ANNAPOLIS POLICE BRKS	36.8		36.3		47.3		55.7		68.3		76.3		80.3		74.6		70.2		60.5		45.5		38.5		57.5		
BALTIMORE WSO AP	33.2	.5	32.9	-1.8	45.0	1.7	53.5	-5	66.7	3.3	74.4	2.2	79.4	2.6	73.1	-2.5	68.9	.0	58.9	2.0	44.8	-1.5	38.2	1.7	55.8	.6	
BELTSVILLE	32.5	1.2	33.1	.1	44.1	2.2	53.4	.7	64.9	3.1	73.5	3.2	78.3	3.1	72.5	-1.5	68.1	.9	58.2	3.2	43.4	-1.6	37.2	1.9	54.9	1.4	
COLLEGE PARK	34.2	.2	34.6	-1.6	45.6	1.0	55.5	.1	67.0	2.3	76.0	3.1	80.7	3.5	74.5	-1.5	70.0	.8	60.2	2.8	46.2	-7	39.5	2.2	57.0	1.0	
DALECARLIA RESVR D C	34.7	.8	34.2	-2.1	46.7	1.8	55.7	.0	66.3	1.3	75.6	2.8	80.4	3.2	74.3	-1.6	71.0	1.8	59.2	1.6	44.5	-2.5	37.2	-2	56.7	.6	
GLENN DALE BELL STN	34.0	.8	34.0	-1.4	45.3	1.4	53.3	-9	64.7	1.3	72.6	1.4	77.8	2.2	71.6	-2.9	68.4	.4	58.7	2.1	44.3	-2.0	37.1	.4	55.2	.2	
LAUREL 3 W	33.5	.1	32.8	-2.9	45.4	1.2	54.5	-7	67.1		75.8	3.2	80.5	3.3	75.1	-1.1	69.9		60.3	2.1	45.9	-1.6	38.7	1.8			
NATIONAL ARBORETUM D C	33.6	-1.2	33.7	-3.1	44.9	-7	55.7	-5	64.9	-3	72.1	-1.3	76.0	-1.7	72.2	-4.5	67.6	-2.5	59.1	.8	44.4	-3.7	37.3	-1.2	55.1	-1.7	
UPPER MARLBORO 3 NNW	32.1		32.5		43.3		53.6		64.5		72.4		77.3		70.9		65.9		56.5		44.0		37.2		54.2		
--DIVISIONAL DATA----->	33.8	.6	33.8	-1.3	45.3	1.6	54.5	.1	65.9	2.2	74.3	2.4	79.0	2.5	73.2	-2.1	68.9	.2	59.1	2.1	44.8	-1.8	37.9	1.0	55.9	.6	
NORTHERN EASTERN SHORE 05																											
CHESTERTOWN	33.7	.6	33.2	-1.8	45.5	2.1	53.8	-3	67.1	3.4	74.4	2.1	79.6	2.7	74.5	-1.3	69.4	.1	59.1	1.3	44.9	-2.1	38.8	1.8	56.2	.7	
MILLINGTON 1 SE	34.3	2.1	33.8	-3	45.2	2.4	52.9	-3	65.8	3.1	72.8	1.7	77.7	2.1	72.9	-1.6	68.3	.3	58.3	1.8	45.2	-9	38.6	2.5	55.5	1.1	
--DIVISIONAL DATA----->	34.0	.8	33.5	-1.6	45.4	1.9	53.4	-7	66.5	3.0	73.6	1.5	78.7	2.2	73.7	-1.7	68.9	-1	58.7	1.1	45.1	-1.9	38.7	1.7	55.9	.5	
NORTHERN CENTRAL 06																											
ABERDEEN PHILLIPS FLD	34.2		33.1				55.7		67.1		72.1		79.1		73.8		69.2		58.9								
BALTIMORE WSO CI	37.2	1.7	36.2	-1.1	48.9	3.4	57.8	1.0	71.3	5.0	78.7	3.4	82.9	3.0	76.4	-2.0	71.4	.3	62.4	2.3	46.3	-2.9	40.5	1.2	59.2	1.2	
BENSON POLICE BARRACKS	33.1	1.9	33.2	-4	45.6	3.5	55.4	2.6	67.9	5.5	74.7	4.1	79.9	5.0	74.8	1.0	69.6	2.1	59.4	3.4	44.6	-7	37.8	2.7	56.3	2.6	
BOYDS 2 NW	33.0		32.5		45.4		54.5		65.0		72.8		78.2		72.0		68.6		58.5		44.2		37.9		55.2		
CATOCTIN MOUNTAIN PARK	29.7		29.1		42.0		51.7		63.2		69.2		73.2		69.0		64.8		55.2		40.8		33.6		51.8		
CLARKSVILLE 3 NNE	32.1		32.0		43.3		51.8		64.3		72.4		77.1		71.0		67.5		56.7		43.4		37.2		54.1		
CONOWINGO DAM	30.9	.7	31.5	-8	43.3	2.2	53.1	1.1	65.7	3.7	72.5	1.9	75.6	.5	72.0	-2.0	67.4	.2	56.4	1.1	41.7	-2.4	35.8	1.7	53.8	.7	
DAMASCUS 2 SW	32.0		31.7		44.4		53.1		64.3		72.4		77.0		71.4		67.2		56.9		43.0		36.8		54.2		
EMMITSBURG 2 SE	31.0		29.5		43.9		52.9		64.5		72.1		76.9		71.8		67.1		56.6		41.6		35.6		53.6		
FREDRICK POLICE BRKS	34.0		33.4		46.2		56.3		67.8		75.5		80.2		74.6		70.5				44.8		38.6				
PARKTON 2 SW	30.3		29.8		42.0		50.7		63.0		69.3		74.8		69.8		65.1		54.8		41.0		35.7		52.2		
ROCKVILLE 1 NE	33.4	.1	34.0	-1.4	47.7	3.6	57.9	3.0	65.8	1.9	75.0	3.5	79.2	3.5	72.0	-2.4	67.2	-5	55.6	-1.2	42.7	-3.6	37.7	1.3	55.7	.7	
TOWSON	33.3		33.5		44.7		54.6		67.4				80.0		73.3		69.4		59.7		44.4		37.3				

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DELAWARE
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TEMPERATURE AND DEPARTURES FROM NORMALS (°F)																										1986	
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	
UNIONVILLE	29.4	-1.1	28.8	-3.1	41.0	.1	51.2	-.3	63.4	2.5	70.9	-1.6	75.3	1.7	69.2	-3.0	66.0	.7	54.7	.9	40.9	-2.3	33.5	.1	52.0	-.1	
WESTMINSTER POLICE BRK	32.3	2.2	31.5	-.7	44.3	3.3	53.9	1.7	66.0	4.5	73.2	3.3	77.7	3.5	71.6	-1.4	67.3	1.0	57.4	2.5			37.2	3.2			
WOODSTOCK	33.1	1.7	32.7	-.8	44.4	2.3	53.5	.6	66.3	3.9	73.4	3.1	78.6	3.7	72.8	-.7	68.5	1.7	58.1	2.9	43.8	-.9	37.2	2.0	55.2	-1.6	
--DIVISIONAL DATA----->	32.4	.8	32.0	-1.7	44.5	2.2	54.0	.8	65.8	3.2	72.9	2.1	77.9	2.8	72.2	-1.7	67.9	.5	57.4	1.6	43.1	-2.1	36.8	1.5	54.7	.8	
APPALACHIAN MOUNTAIN 07																											
CUMBERLAND 2	31.3	.4	32.6	-.6	43.8	1.7	55.7	2.2	63.8	-1.0	71.1	.7	76.4	2.0	72.0	-1.2	68.4	1.8	55.5	.5	42.1	-2.0	34.9	.6	54.0	.6	
FROSTBURG 2	26.4		28.5		36.2		49.1		57.9		65.1		70.3		65.6		62.0		51.8		38.5		30.4		48.5		
HAGERSTOWN	32.1	1.5	31.3	-1.6	45.5	3.4	55.1	1.5	65.8	2.7	73.2	2.2	77.9	3.0	72.9	-.5	68.6	1.8	57.7	2.4	43.0	-1.3	36.0	1.8	54.9	1.4	
HANCOCK FRUIT LAB	30.9	1.7	31.3	.2	43.8	3.8	53.4	2.3	63.5	3.3	70.4	1.9	75.6	2.7	71.0	-.7	67.4	2.5	56.2	3.3	42.6	-.2	35.3	2.4	53.5	1.9	
--DIVISIONAL DATA----->	30.2	.1	30.9	-1.3	42.3	1.3	53.3	1.0	62.8	1.2	70.0	.5	75.1	1.7	70.4	-1.9	66.6	.9	55.3	1.0	41.6	-2.0	34.2	.5	52.7	.3	
ALLEGHENY PLATEAU 08																											
MC HENRY 2 NW	24.4		28.8		36.0		49.9		58.0		64.9		69.5		65.3		61.9		50.9		37.8		29.9		48.1		
OAKLAND 1 SE	26.1	-.1	29.3	1.3	38.1	1.7	49.8	2.6	57.8	1.5	65.1	1.5	70.0	2.6	64.9	-1.8	63.0	2.5	51.9	2.4	40.9	1.7	31.7	1.8	49.1	1.5	
SAVAGE RIVER DAM	26.2	-.2	29.7	1.8	37.3	.5	51.2	2.8	59.1	1.3	66.0	.6	71.7	2.2	67.1	-1.5	63.2	1.2	52.8	2.0	39.6	-.7	32.2	2.0	49.7	1.0	
--DIVISIONAL DATA----->	25.6	.1	29.3	2.1	37.1	1.3	50.3	3.1	58.3	1.7	65.3	1.3	70.4	2.7	65.8	-1.0	62.7	2.1	51.9	2.4	39.4	.3	31.3	1.9	49.0	1.5	
DELAWARE																											
NORTHERN 01																											
MIDDLETOWN 3 E													76.3		72.2		68.0		58.3		44.6		M		M		
NEWARK UNIVERSITY FARM	33.5	1.8	M		44.5	2.4	52.8	.0	66.4	3.7	73.2	1.9	77.2	1.5	72.2	-2.3	67.9	.0	58.2	1.9	44.2	-1.6	37.7	2.1	M		
WILMINGTON WSO AP	32.2	1.0	31.6	-1.6	43.6	1.8	52.4	.0	65.7	3.5	72.1	.9	77.1	1.1	72.5	-2.3	67.5	-.4	57.2	.9	44.1	-1.5	37.3	1.8	54.4	.4	
WILMGTN PORTER RESVR	32.2	1.4	32.2	-.4	43.9	2.9	53.0	1.2	66.1	4.5	72.4	2.0	77.4	2.5	73.3	-.4	67.3	.4	57.4	1.7	43.9	-1.3	37.5	2.4	54.7	1.4	
--DIVISIONAL DATA----->	32.6	1.0	31.9	-1.6	44.0	2.0	52.7	.0	66.1	3.7	72.6	1.4	77.0	1.3	72.6	-1.9	67.7	-.1	57.8	1.4	44.2	-1.6	37.7	2.0	54.7	.6	
SOUTHERN 02																											
DOVER	36.5	2.1	35.0	-1.4	47.5	3.2	54.3	-.4	67.9	3.7	74.9	2.3	78.4	1.4	74.7	-1.1	70.0	.4	61.4	2.8	47.9	-.3	40.1	1.7	57.4	1.2	
GEORGETOWN 5 SW	33.8	-.4	35.0	-.8	44.7	1.2	53.2	-.4	64.7	1.6	73.2	1.7	78.3	2.2	72.6	-2.3	67.4	-1.0	59.3	2.3	46.9	-.3	39.0	1.2	55.7	.4	
GREENWOOD 2 NE	35.2		34.7		46.2		53.5		M	66.5	73.5		78.5		72.9		68.7		59.6		47.8		39.6		M		
LEWES	M	37.0	2.4	36.7	.6	47.5	4.2	53.5	.4	67.4	5.3	75.3	4.6	80.2	5.0	74.0	-.3	69.6	1.2	61.7	4.2	49.3	1.3	41.7	3.2	57.8	2.7
MILFORD 4 SE	34.9	.6	34.2	-1.6	46.5	2.2	52.8	-1.6	66.6	2.7	74.4	2.4	78.3	1.8	73.1	-2.1	68.3	-.5	60.4	2.7	47.4	-.2	39.9	2.0	56.4	.7	
--DIVISIONAL DATA----->	35.5	1.0	35.1	-1.0	46.5	2.6	53.5	-.6	66.6	3.2	74.3	2.5	78.7	2.5	73.5	-1.6	68.8	.1	60.5	2.8	47.9	.1	40.1	1.8	56.8	1.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND
DELAWARE
1986

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.					
					DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.			
MARYLAND																													
SOUTHERN EASTERN SHORE 01																													
ASSATEAGUE ISLAND NATL SE	101	7/ 8	11	1/30	3/ 9	12	3/23	20	3/23	20	3/25	28	3/25	28	11/14	21	11/14	21	11/14	21	12/14	18	NONE	NONE		266	236	234	234
CRISFIELD SOMERS COVE			15	1/29	1/29	15	3/ 8	18	3/21	23	3/23	27	3/23	27	11/14	26	11/14	26	12/14	23	NONE	NONE			268	236	236		
PRINCESS ANNE	98	7/13	5	1/29	3/22	15	3/22	15	3/22	15	3/25	25	5/11	29	10/17	32	11/14	22	11/14	22	12/ 6	20	12/14	14	267	259	237	234	
SALISBURY	97	7/ 8	10	1/29	3/ 8	13	3/21	20	3/23	22	3/23	22	3/25	30	11/14	24	11/14	24	11/14	24	12/14	17	NONE			268	236	236	234
SALISBURY FAA AP	97	7/13	8	1/29	3/ 8	15	3/23	20	3/23	20	3/25	27	3/25	27	11/13	27	11/13	27	11/14	22	12/13	20	12/14	15	281	265	236	233	
SNOW HILL 4 N	99	7/13	7	1/29	3/22	16	3/23	17	3/25	24	3/25	24	5/ 4	31	10/21	32	11/14	21	11/14	21	12/14	15	12/14	15	267	266	234	234	
CENTRAL EASTERN SHORE 02																													
CAMBRIDGE MTR TRMT PL	99	7/13	12	1/29	3/ 8	16	3/ 8	16	3/23	23	3/23	23	3/25	31	11/14	26	11/14	26	11/15	23	12/14	15	12/14	15	281	281	237	236	
DENTON 2 E	100	7/12	5	1/29	3/ 8	14	3/22	17	3/23	21	3/25	27	5/ 4	31	11/14	18	11/14	18	11/14	18	11/14	18	12/14	13	281	237	236	234	
ROYAL OAK 2 SSW	96	7/13	10	1/29	3/ 8	14	3/21	20	3/22	21	3/23	26	3/23	26	11/14	22	11/14	22	11/14	22	12/14	19	NONE			268	237	236	236
VIENNA	101	7/14	9	1/29	3/ 8	15	3/22	20	3/23	23	3/23	23	3/25	32	11/14	22	11/14	22	11/14	22	12/14	17	NONE			267	236	236	234
LOWER SOUTHERN 03																													
LA PLATA 1 W	91	8/ 2	9	1/29	3/ 8	13	3/22	18	3/23	23	3/23	23	4/23	31	11/14	19	11/14	19	11/14	19	11/14	19	12/14	15	281	237	236	236	
MECHANICSVILLE 1 E	95	7/13	6	1/29	3/22	16	3/23	19	3/23	19	3/25	26	5/ 4	30	11/14	17	11/14	17	11/14	17	11/14	17	12/14	14	267	236	236	234	
OWINGS FERRY LANDING	97	7/ 7	8	1/29	3/ 8	13	3/22	18	3/23	21	3/25	26	5/ 4	32	10/20	31	11/14	19	11/14	19	11/14	19	12/14	15	281	237	236	234	
PATUXENT RIVER	99	7/13	11	1/29	3/ 8	15	3/ 8	15	3/23	24	3/23	24	3/25	32	11/13	28	11/13	28	12/14	21	NONE	NONE				266	235	233	
UPPER SOUTHERN 04																													
ANNAPOLIS POLICE BRKS	100	7/ 7	10	1/28	3/ 8	13	3/21	20	3/22	23	3/23	26	3/25	31	10/20	32	11/14	18	11/14	18	11/14	18	12/14	14	281	238	237	236	
BALTIMORE WSO AP	99	7/ 7	9	2/14	3/ 8	12	3/22	20	3/23	24	3/25	28	3/28	32	11/13	26	11/13	26	11/14	18	11/14	18	12/14	14	281	237	236	233	
BELTSVILLE	99	7/19	6	3/ 8	3/ 8	6	3/21	19	3/22	22	3/25	26	5/ 4	31	10/20	29	11/14	18	11/14	18	11/14	18	11/15	13	252	238	237	234	
COLLEGE PARK	100	7/19	11	3/ 8	3/ 8	11	3/22	18	3/23	22	3/25	28	3/25	28	10/20	32	11/14	20	11/14	20	11/14	20	12/14	16	281	237	236	234	
DALECARLIA RESVR D C	98	7/18	9	1/28	3/ 8	11	3/22	19	4/23	23	4/23	23	5/ 3	29	10/19	32	11/13	17	11/13	17	11/13	17	12/14	13	281	236	204	204	
GLENN DALE BELL STN	98	7/19	6	1/29	3/21	16	3/23	19	3/28	24	5/ 4	28	5/ 4	28	10/16	30	10/19	28	11/14	13	11/14	13	11/14	13	238	236	231	168	
LAUREL 3 W	100	7/18	8	3/ 8	3/ 8	8	3/22	19	3/22	19	3/23	28	3/25	32	11/12	30	11/13	24	11/13	24	11/14	17	NONE			237	236	235	
NATIONAL ARBORETUM D C	94	7/19	8	1/29	3/ 9	16	3/22	18	3/23	23	3/23	23	3/25	29	10/19	31	11/14	17	11/14	17	11/14	17	11/15	16	251	237	236	236	
UPPER MARLBORO 3 NNW	98	7/19	5	1/29	3/22	15	3/23	17	3/25	23	3/25	23	5/ 4	29	10/ 7	32	10/19	28	11/14	18	11/14	18	12/14	13	267	236	234	208	
NORTHERN EASTERN SHORE 05																													
CHESTERTOWN	98	7/ 7	10	1/29	3/ 8	13	3/21	18	3/22	24	3/23	25	3/25	32	11/13	29	11/14	22	11/14	22	12/14	17	NONE			268	237	236	233
MILLINGTON 1 SE	98	7/ 7	7	1/29	3/ 8	13	3/22	17	3/25	24	3/25	24	4/13	32	10/20	30	11/14	19	11/14	19	11/14	19	12/14	13	281	237	234	234	
NORTHERN CENTRAL 06																													
ABERDEEN PHILLIPS FLD	98	7/ 8			MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
BALTIMORE WSO CI	102	7/ 7	12	1/28	3/ 8	14	3/21	18	3/21	18	3/22	27	3/22	27	11/13	26	11/13	26	11/14	21	11/14	17	12/14	12	268	237	236	234	
BENSON POLICE BARRACKS	100	7/ 8	7	2/14	3/21	14	3/22	20	3/23	22	3/25	26	4/13	32	10/11	32	11/14	17	11/14	17	11/14	17	12/14	11	226	238	237	236	
BOYDS 2 NW	97	7/26	6	1/29	3/21	14	3/22	19	3/22	19	3/23	26	4/23	31	11/13	29	11/14	15	11/14	15	11/14	15	11/14	15	11/14	15	11/14	15	11/14
CATOCTIN MOUNTAIN PARK	89	7/18	0	1/28	3/21	9	3/22	17	3/22	17	4/24	26	4/24	26	10/31	32	11/13	22	11/13	22	11/14	14	11/14	14	238	237	236	203	
CLARKSVILLE 3 NNE	98	7/ 7	0	2/14	3/22	13	3/23	17	3/28	24	5/ 4	27	5/ 4	27	10/ 7	30	10/19	27	11/14	15	11/14	15	11/14	15	11/14	15	11/14	15	11/14
CONOWINGO DAM	104	7/ 6	8	2/14	3/ 8	12	3/22	18	3/23	22	3/25	26	4/13	32	10/20	32	11/13	26	11/14	20	11/14	20	12/14	13	281	237	236	233	
DAMASCUS 2 SW	96	7/18	5	1/29	3/21	14	3/22	18	3/22	18	3/23	28	4/23	31	11/13	25	11/13	25	11/14	13	11/14	13	11/14	13	11/14	13	11/14	13	11/14
EMMITSBURG 2 SE	98	7/21	3	2/14	3/21	15	3/22	17	3/23	22	4/14	28	4/14	28	10/ 7	32	10/19	26	11/14	15	11/14	15	11/14	15	11/14	15	11/14	15	11/14
FREDRICK POLICE BRKS																													
PARKTON 2 SW	97	7/ 7	1	1/29	3/22	15	3/22	15	3/23	21	5/ 4	28	5/ 4	28	10/ 7	32	11/13	22	11/13	22	11/14	13	11/14	13	237	237	235	193	
ROCKVILLE 1 NE	98	7/18	8	1/29	3/21	16	3/21	16	3/22	21	3/23	27	3/23	27	10/19	32	10/20	28	11/13	22	11/14	15	11/14	15	11/14	15	11/14	15	11/14
TOWSON			6	1/28	3/21	14	3/22	20	3/22	20	3/23	26	3/25	31	11/ 6	31	11/13	28	11/14	16	11/14	16	11/14	16	11/14	16	11/14	16	11/14
UNIONVILLE	98	7/18	2	1/28	3/22	13	3/23	17	3/29	24	5/ 4	28	5/ 4	28	9/17	31	10/18	28	10/18	23	11/14	12	11/14	12	11/14	12	11/14	12	11/14
WESTMINSTER POLICE BRK																													
WOODSTOCK	96	7/19	5	1/29	3/21	13	3/22	19	3/22	19	3/23	27	4/23	30	10/19	32	MSG		MSG		MSG		MSG						
	99	7/ 7	6	1/29	3/21	16	3/23	20	3/23	20	3/25	26	5/ 4	31	10/16	32	11/14	15	11/14	15	11/14	15	11/14	15	11/14	15	11/14	15	11/14

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MARYLAND AND
DELAWARE
1986

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
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE ISLAND NATL SE	0	0	2	0	73	190	409	314	148	74	1	0	1211	1423
CRISFIELD SOMERS COVE	0	0	0	-	-	308	-	365	187	81	3	0	-	1063
PRINCESS ANNE	0	0	0	0	124	287	454	295	153	61	5	0	1380	1200
SALISBURY	0	0	0	0	150	304	458	324	168	73	6	0	1482	1074
SALISBURY FAA AP	0	0	0	0	125	249	459	283	144	62	6	0	1328	1058
SNOW HILL 4 N	0	0	2	1	147	285	430	304	178	76	6	0	1429	1058
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	0	0	0	3	164	352	505	339	200	77	5	0	1645	1167
DENTON 2 E	0	0	1	0	167	329	445	293	178	75	4	0	1492	1163
ROYAL OAK 2 SSW	0	0	0	0	149	302	455	321	188	75	2	0	1492	1286
VIENNA	0	0	B	3	186	331	527	352	198	94	2	0	1693	1245
LOWER SOUTHERN LA PLATA 1 W 03	0	0	4	4	124	268	380	267	150	60	3	0	1260	1071
MECHANICSVILLE 1 E	0	0	0	3	122	267	415	258	147	52	4	0	1268	1116
OWINGS FERRY LANDING	0	0	1	2	145	306	445	287	175	67	2	0	1430	1116
PATUXENT RIVER	0	0	0	2	143	320	505	330	201	74	3	0	1578	1116
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04	0	0	B	0	161	344	484	311	179	63	2	0	1544	1138
BALTIMORE WSO AP	0	0	0	1	143	295	452	281	158	54	0	0	1384	917
BELTSVILLE	0	0	0	1	104	275	419	265	143	56	0	0	1263	1203
COLLEGE PARK	0	0	B	6	140	340	492	323	180	66	0	0	1554	1209
DALECARLIA RESVR D C	0	0	6	2	121	B	330	483	307	206	0	0	1515	1008
GLENN DALE BELL STN	0	0	0	0	96	247	403	244	151	56	2	0	1199	1220
LAUREL 3 W	0	0	1	11	-	333	B	483	B	330	B	0	-	1311
NATIONAL ARBORETUM D C	0	0	B	3	87	225	347	244	127	55	1	0	1089	1102
UPPER MARLBORO 3 NNW	0	0	1	0	100	242	390	224	98	47	0	0	1102	1158
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	0	0	0	148	293	459	320	155	54	0	0	1429	1011
MILLINGTON 1 SE	0	0	0	0	114	251	399	275	141	53	3	0	1236	1011
NORTHERN CENTRAL ABERDEEN PHILLIPS FLD 06	0	0	-	B	2	141	B	448	B	291	160	B	55	1545
BALTIMORE WSO CI	0	0	8	32	243	424	559	366	212	73	0	0	1917	944
BENSON POLICE BARRACKS	0	0	0	4	154	308	468	322	170	53	0	0	1479	1211
BOYDS 2 NW	0	0	8	0	B	98	252	419	244	146	44	0	B	1119
CATOCTIN MOUNTAIN PARK	0	0	5	2	75	155	261	161	70	28	0	0	757	928
CLARKSVILLE 3 NNE	0	0	0	0	92	247	380	221	138	41	0	0	1119	1079
CONOWINGO DAM	0	0	B	0	2	B	113	337	248	111	32	0	B	1118
DAMASCUS 2 SW	0	0	6	1	100	244	376	235	118	38	0	0	1118	1141
EMMITTSBURG 2 SE	0	0	B	0	92	238	376	250	131	54	0	0	B	1141
FREDRICK POLICE BRKS	0	0	B	5	10	150	327	479	321	195	-	0	-	877
PARKTON 2 SW	0	0	0	0	84	167	314	200	85	27	0	0	877	1063
ROCKVILLE 1 NE	0	0	23	B	19	127	312	450	255	133	46	0	B	909
TOWSON	0	0	B	0	1	145	-	483	280	165	57	0	0	841
UNIONVILLE	0	B	0	0	69	205	324	172	102	37	B	0	B	896
WESTMINSTER POLICE BRK	0	0	B	0	2	122	263	398	234	120	41	0	-	841
WOODSTOCK	0	0	0	1	123	272	426	272	150	50	2	0	1296	896
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	0	1	12	81	201	361	249	151	28	0	0	1084	902
FROSTBURG 2	0	0	1	0	25	83	187	95	48	20	0	0	459	935
HAGERSTOWN	0	0	7	6	115	262	405	273	147	46	0	0	1261	692
HANCOCK FRUIT LAB	0	0	0	3	77	195	339	238	133	45	0	0	1030	692

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

MARYLAND AND
DELAWARE
1986

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
ALLEGHENY PLATEAU 08	0	0	0	3	25	73	168	86	36	14	0	0	405	
MC HENRY 2 NW	0	0	0	0	8	80	176	74	57	19	0	0	414	276
OAKLAND 1 SE	0	0	0	B 1	30	95	225	117	57	25	0	0	B 550	417
SAVAGE RIVER DAM														
DELAWARE														
NORTHERN 01														
MIDDLETOWN 3 E	0	0	0	0	135	266	355	251	130	44	0	B 0	-	1003
NEWARK UNIVERSITY FARM	R 0	0	0	0	129	227	385	256	128	47	0	0	1158	1015
WILMINGTON WSO AP	0	0	0	0	138	241	379	267	116	40	0	0	1206	901
WILMGTON PORTER RESVR														
SOUTHERN 02														
DOVER	0	0	2	0	169	309	418	325	176	71	5	0	1475	1179
GEORGETOWN 5 SW	0	0	0	0	113	263	420	266	124	59	0	0	1245	1050
GREENWOOD 2 NE	0	0	0	0	B 140	269	430	274	153	59	5	0	B 1330	
LEWES	B 0	0	3	0	155	320	479	299	167	64	5	0	B 1492	946
MILFORD 4 SE	0	0	0	0	142	293	421	280	141	67	4	0	1348	1101

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL EVAPORATION AND WIND MOVEMENT

MARYLAND AND
DELAWARE
1986

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MARYLAND														
UPPER SOUTHERN	04													
BELTSVILLE														
	WIND	-	-	-	B 2032	1612	1318	630	414	968	1138	-	-	-
	EVAP	-	-	-	B 4.76	7.38	9.05	8.31	5.67	4.60	3.72	-	-	-
	MAX TEMP	-	-	-	65.7	82.9	91.3	93.1	M 87.6	81.6	71.3	-	-	M -
	MIN TEMP	-	-	-	46.0	56.3	63.8	70.7	M 66.8	60.4	49.8	-	-	M -
UPPER MARLBORO 3 NNW														
	WIND	-	-	-	687	428	431	264	229	93	281	-	-	-
	EVAP	-	-	-	4.28	6.95	7.72	B 6.98	B 5.34	3.31	B 3.26	B 1.74	-	-
	MAX TEMP	-	-	M -	67.1	82.4	M 91.7	94.6	89.5	83.3	72.0	53.8	-	M -
	MIN TEMP	-	-	M -	46.7	57.0	M 63.2	69.7	65.8	60.4	49.5	38.8	-	M -
ALLEGHENY PLATEAU 08														
SAVAGE RIVER DAM														
	WIND	-	-	-	-	797	727	757	622	534	732	-	-	-
	EVAP	-	-	-	-	4.73	5.49	B 5.54	B 4.46	2.99	B 2.64	-	-	-
	MAX TEMP	-	-	-	M -	72.5	81.7	M 84.9	81.0	75.3	60.9	-	-	M -
	MIN TEMP	-	-	-	M -	50.1	56.9	M 64.6	60.2	56.4	45.9	-	-	M -
DELAWARE														
NORTHERN	01													
NEWARK UNIVERSITY FARM														
	WIND	-	-	-	-	1107	1039	899	807	530	928	-	-	-
	EVAP	-	-	-	-	-	7.39	B 7.21	5.46	B 3.47	B 3.54	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN	02													
GEORGETOWN 5 SW														
	WIND	-	-	-	2493	2578	2602	1978	1939	1613	1803	-	-	-
	EVAP	-	-	-	4.84	9.14	10.03	B 9.23	B 7.02	B 5.07	B 4.45	-	-	-
	MAX TEMP	-	-	-	67.9	82.6	90.7	92.7	87.5	82.4	72.5	-	-	M -
	MIN TEMP	-	-	-	46.0	56.5	64.4	72.0	68.1	61.0	53.2	-	-	M -

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
1986

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
MARYLAND												
ABERDEEN PHILLIPS FLD	00115	06	HARFORD	39 28	76 10W	57	61	61	0			C H
ANNAPOLIS POLICE BRKS	01933	04	ANNE ARUNDEL	38 59	76 30W	25	28	28	0			H H
ASSATEAGUE ISLAND NATL	03335	01	WORCESTER	38 14	75 8W	7	19	19	0			H H
BALTIMORE WSO AP	04655	04	ANNE ARUNDEL	39 11	76 40W	196	52	52	0			C H
BALTIMORE WSO CI	04770	06	BALTO CITY	39 17	76 37W	91	116	116	0			C H
BELTSVILLE	07000	04	PRN GEORGES	39 2	76 53W	120	49	49	4			C H
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	39	39				
BOYDS 2 NW	1032	06	MONTGOMERY	39 13	77 20W	580	34	34	0			
BRIGHTON DAM	1125	06	MONTGOMERY	39 12	77 1W	330	0	41	0			
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	38 34	76 4W	5	92	92	0			H
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	20	20	0			C H
CENTREVILLE	1627	05	QUEEN ANNES	39 3	76 4W	60	35	35	0			H
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	81	81	0			H
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	365	20	20	0			H
COLLEGE PARK	1995	04	PRN GEORGES	38 59	76 57W	90	100	100	0			C H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	51	51	0			H
CRISFIELD SOMERS COVE	2215	01	SOMERSET	37 59	75 52W	8	24	24	0			
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	14	14	0			H
DALECARLIA RESVR D C	2325	04		38 56	77 7W	146	41	41	0			
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	720	14	14	0			H
DENTON 2 E	2523	02	CAROLINE	38 53	75 48W	50	36	36	0			H
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905	0	48	0			H
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	31	31	0			H
FREDRICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	14	14	0			H
FREDERICK 3 E	3355	06	FREDERICK	39 24	77 22W	385	0	38	0			H
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	15	15	0			H
GLENN DALE BELL STN	3675	04	PRN GEORGES	38 58	76 48W	150	66	66	0			H
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	45	45	0			H
HANCOCK FRUIT LAB	4030	07	WASHINGTON	39 42	78 11W	428	53	53	0			C H
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	72	72	0			H
LAUREL 3 W	5111	04	PRN GEORGES	39 6	76 54W	400	96	96	0			H
MC HENRY 2 NW	5832	08	GARRETT	39 35	79 22W	2680	16	16	0			C H
MECHANICSVILLE 1 E	5865	03	ST MARYS	38 27	76 41W	100	25	25	0			
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	0	35	0			
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	90	90	0			H
NATIONAL ARBORETUM D C	6350	04		38 54	76 59W	50	40	40	0			H
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	89	89	0			H
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	70	70	0			H
PARKTON 2 SW	6844	06	BALTIMORE	39 38	76 42W	600	34	34	0			C H
PATUXENT RIVER	6915	03	ST MARY'S	38 20	76 25W	38	11	11	0			C
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270	0	25	0			
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	38	38	0			H
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	39	39	0			H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	39	39	0			H
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	80	80	0			
SALISBURY FAA AP	8005	01	WICOMICO	38 20	75 31W	48	39	39	0			H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	36	39	36			C H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	28	71	71	0			H
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	49	74	0			
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	47	45	0			C H
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	38 52	76 47W	98	31	31	3			H
VIENNA	9140	02	DORCHESTER	38 29	75 50W	12	38	38	0			H
WESTMINSTER POLICE BRK	9440	06	CARROLL	39 33	76 58W	765	8	8	0			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
1986

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	
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	117	117	0			H
DELAWARE												
DOVER	2730	02	KENT	39 9	75 31W	30	99	98	0			H
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	41	41	33			C H
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	2	2	0	JAN		H
LEWES	5320	02	SUSSEX	38 46	75 8W	15	43	43	0			H
MIDDLETOWN 3 E	5852	01	NEW CASTLE	39 27	75 40W	55	35	35	0			H
MILFORD 4 SE	5915	02	SUSSEX	38 54	75 28W	30	91	91	0			H
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	74	74	30			C H
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36W	79	39	39	0			C H J
WILMINGTON PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32W	274	75	75	0			H

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
1986

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, Asheville, NC.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:

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

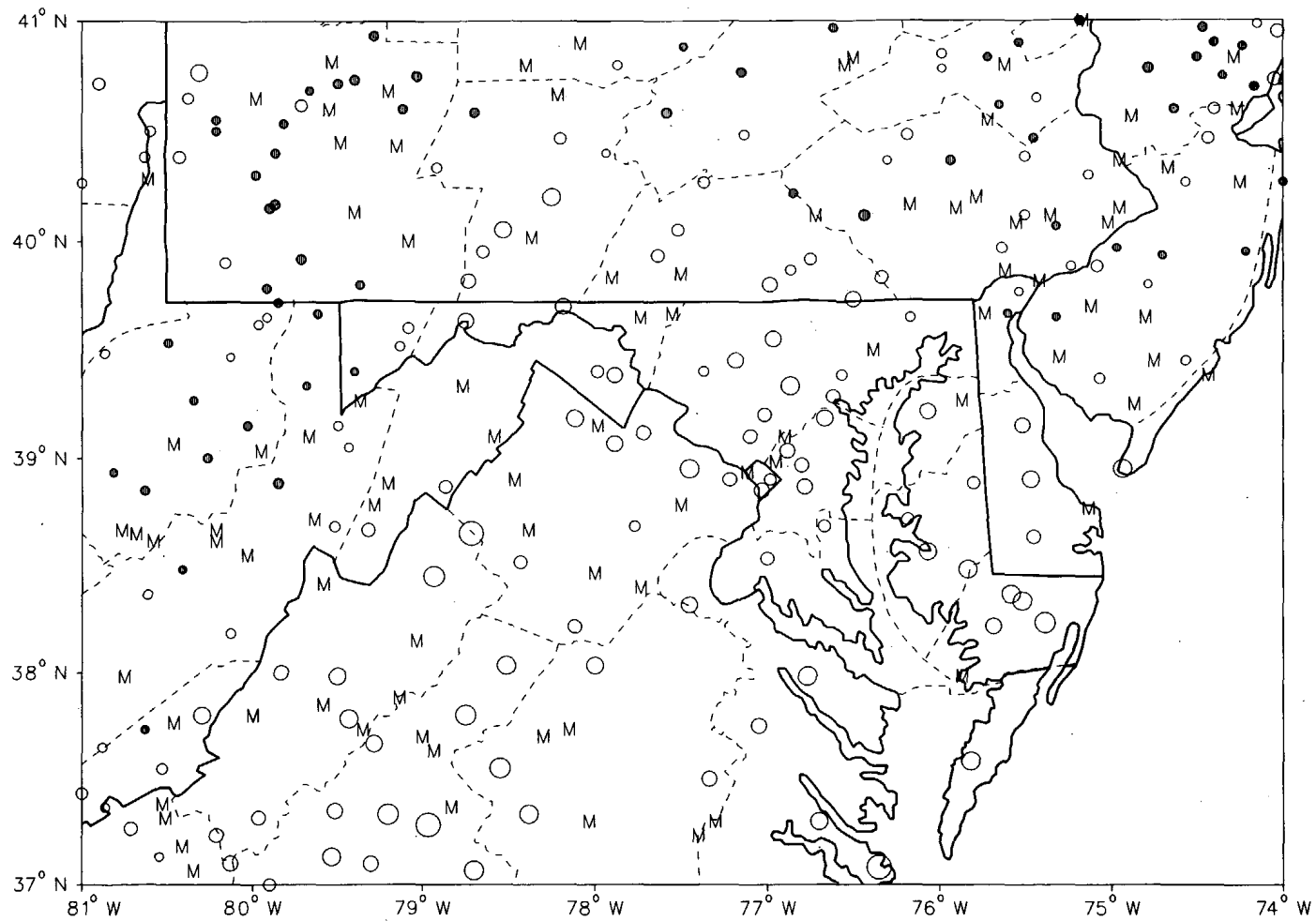
CUMULATIVE ANNUAL PRECIPITATION DEPARTURE FROM INDIVIDUAL STATION NORMALS (1951-1980) FOR 1986 DELAWARE

M INCOMPLETE DATA FOR THE PERIOD

▽ EXACTLY NORMAL

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

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

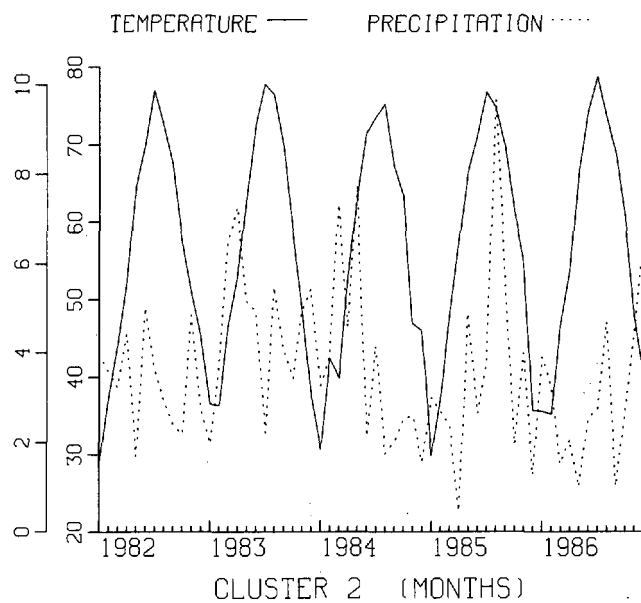
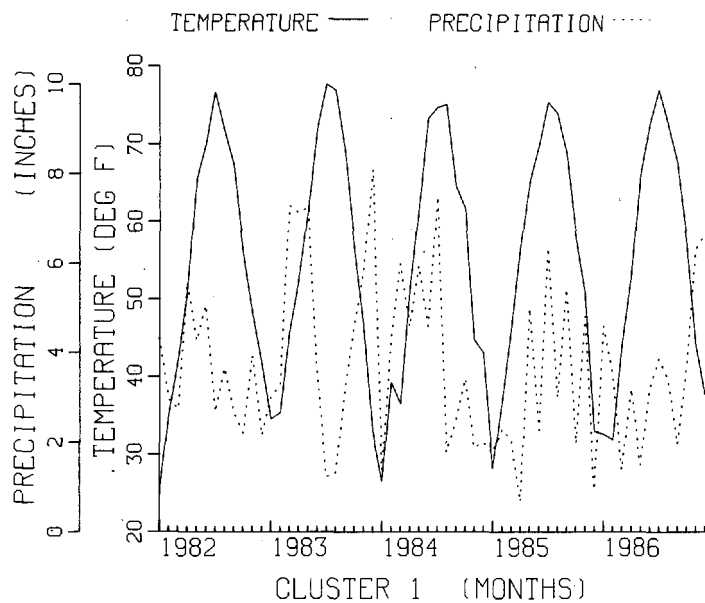


CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

MONTHLY TEMPERATURE AND PRECIPITATION FOR THE LAST 60 MONTHS ENDING DECEMBER 1986 DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02



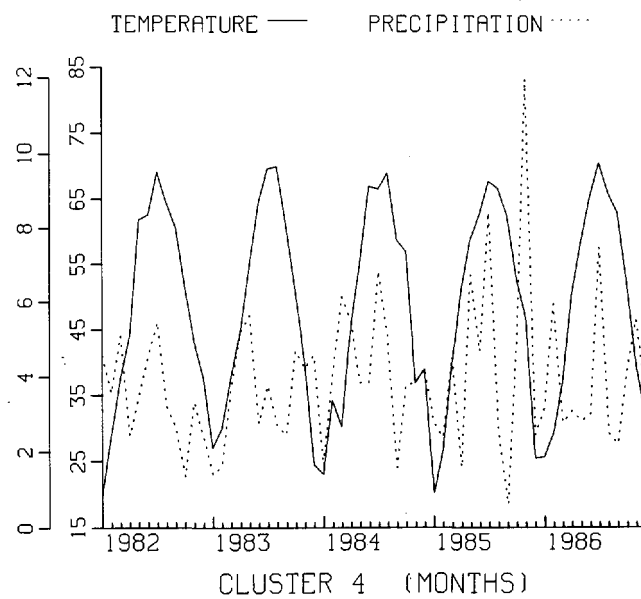
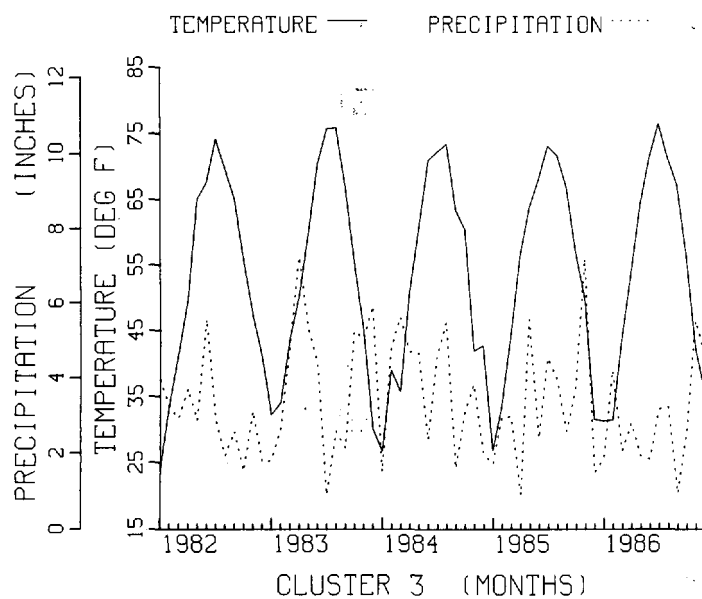
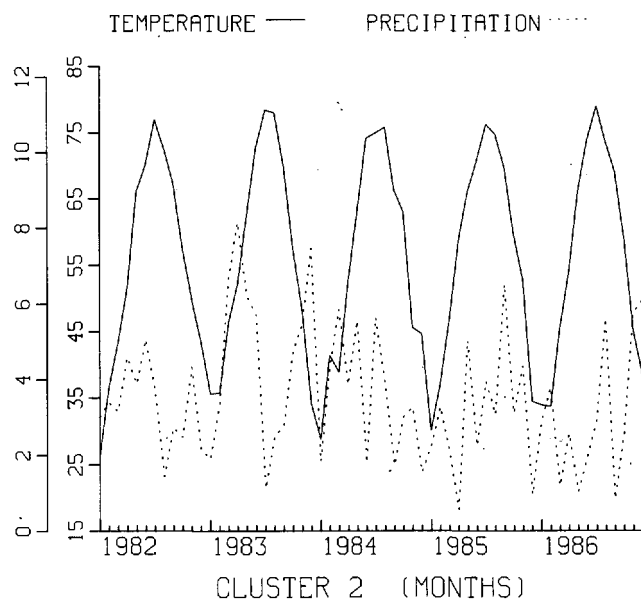
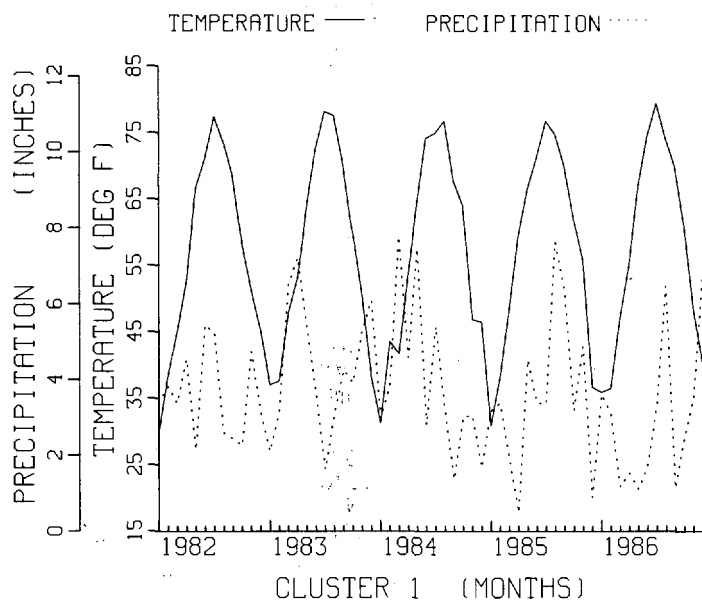
MONTHLY TEMPERATURE AND PRECIPITATION FOR THE LAST 60 MONTHS ENDING DECEMBER 1986 MARYLAND

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

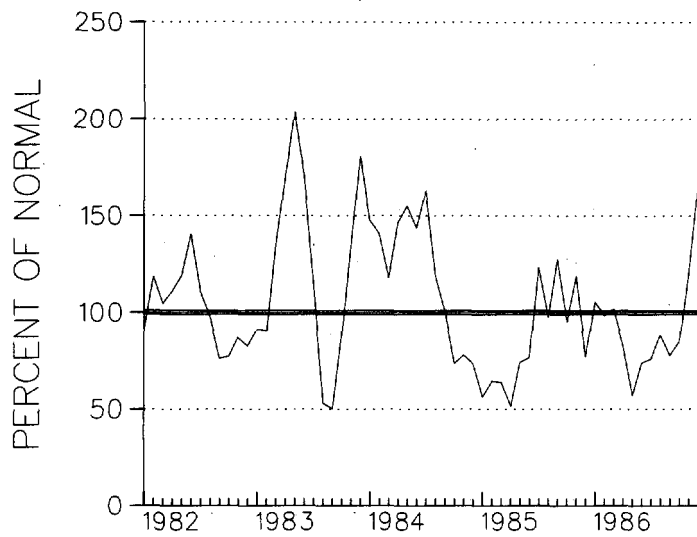
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



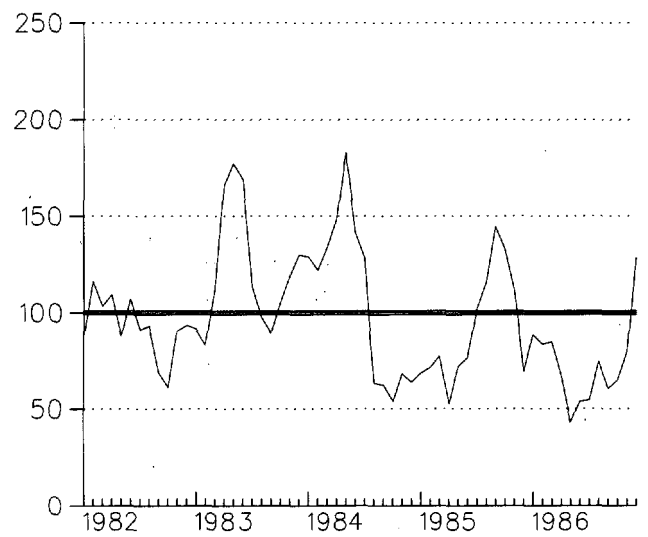
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1986 DATA
DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02



CLUSTER 1.



CLUSTER 2

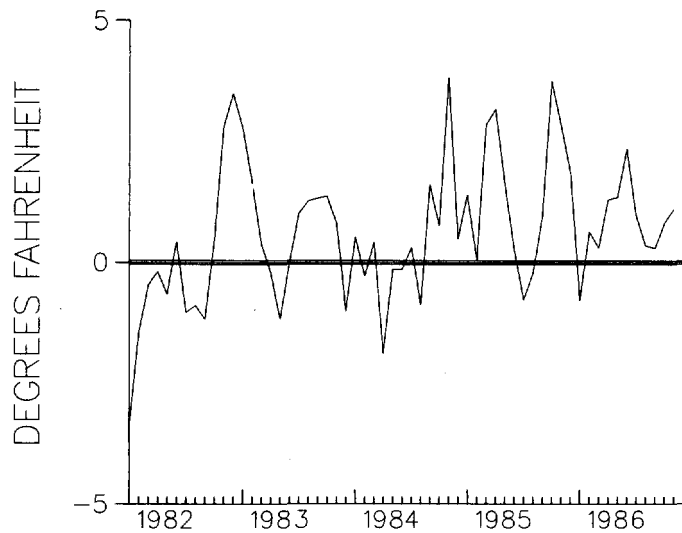
TEMPERATURE DEPARTURES FROM NORMAL (1951-1980)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1986 DATA
MARYLAND

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

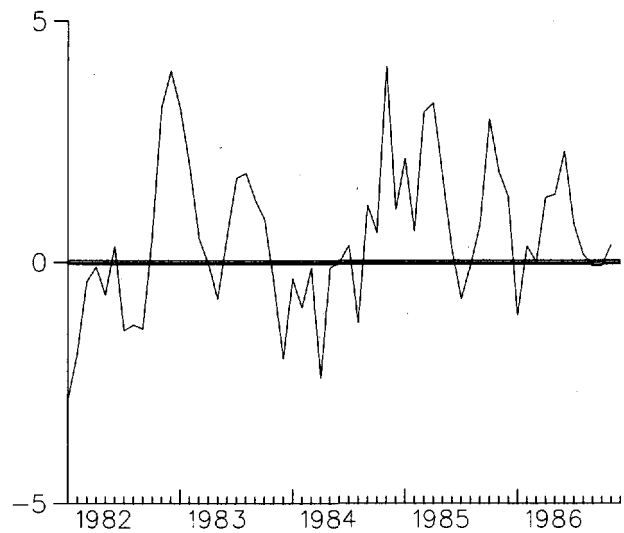
CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

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

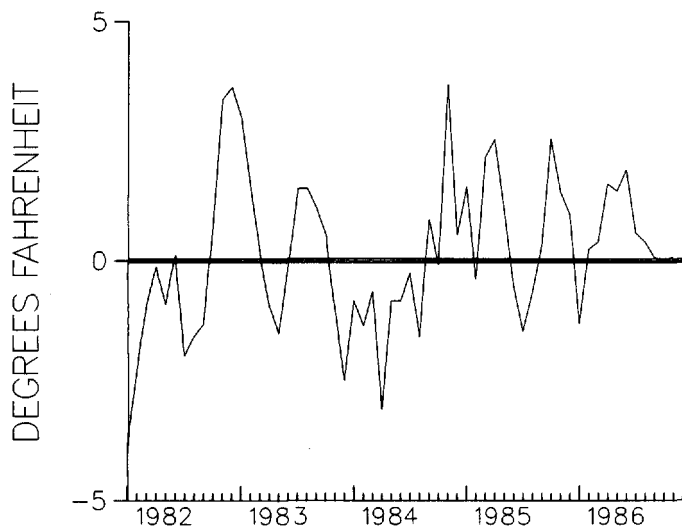
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



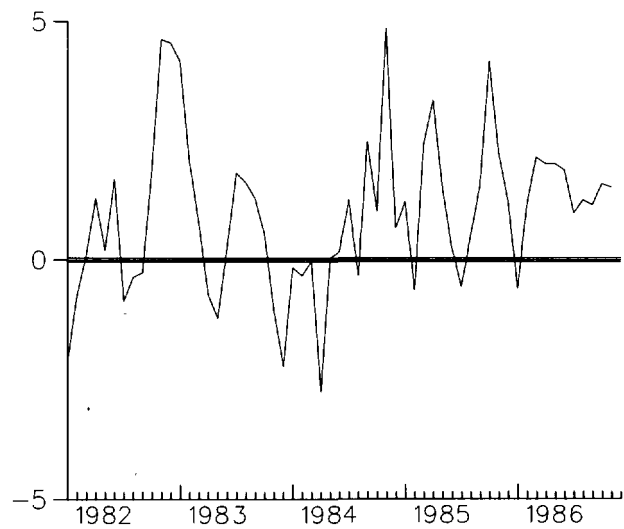
CLUSTER 1



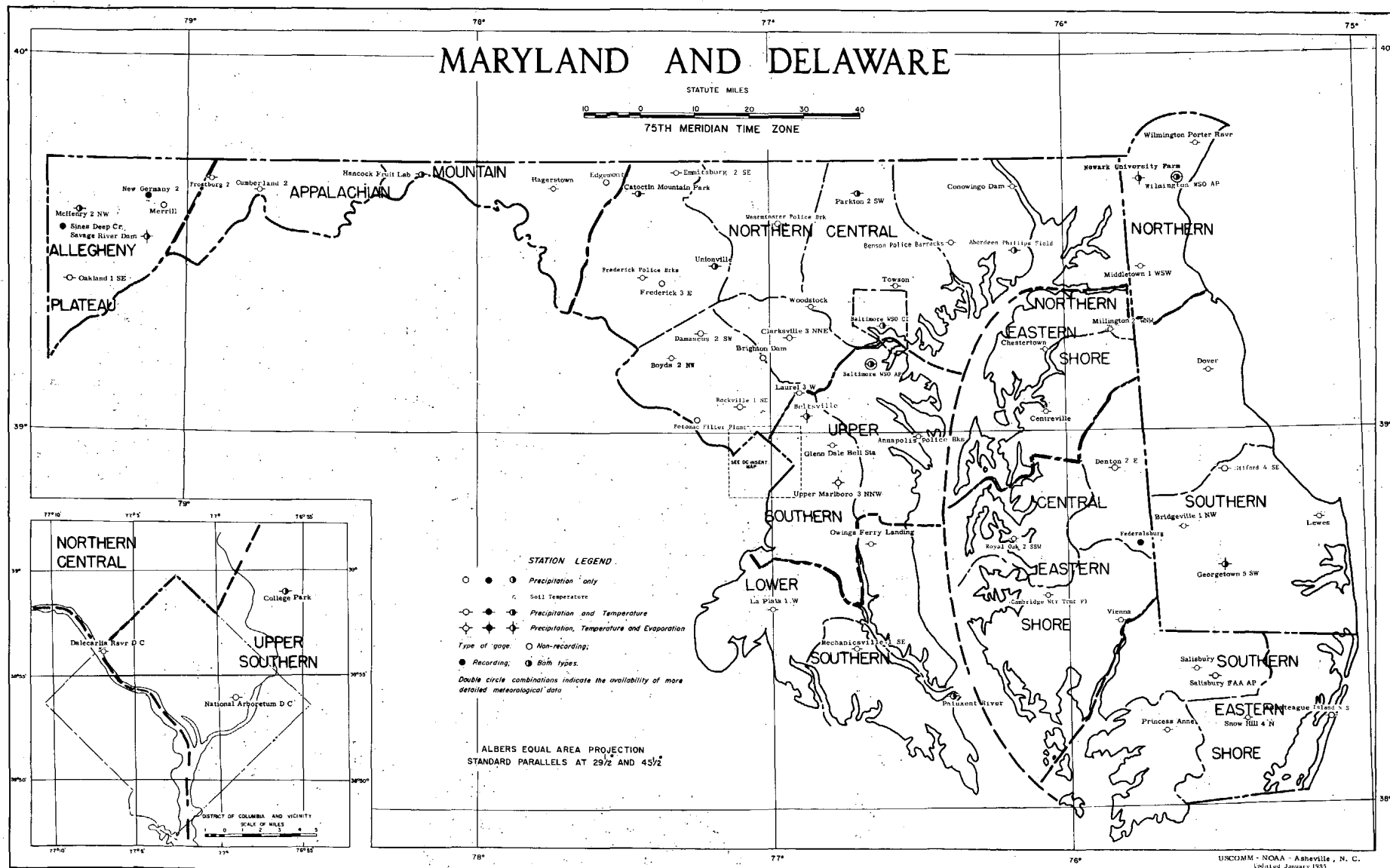
CLUSTER 2



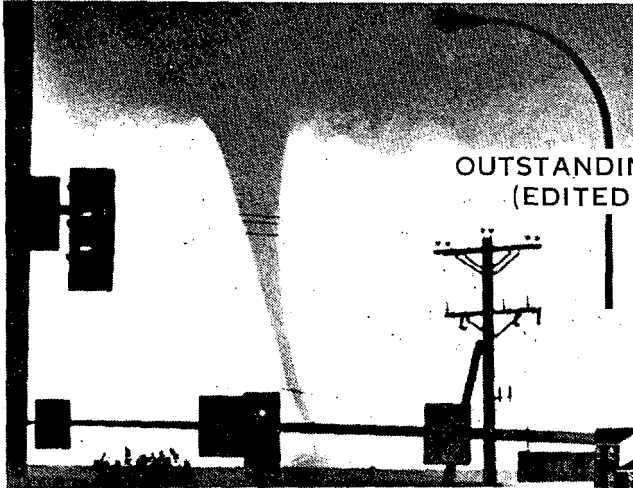
CLUSTER 3



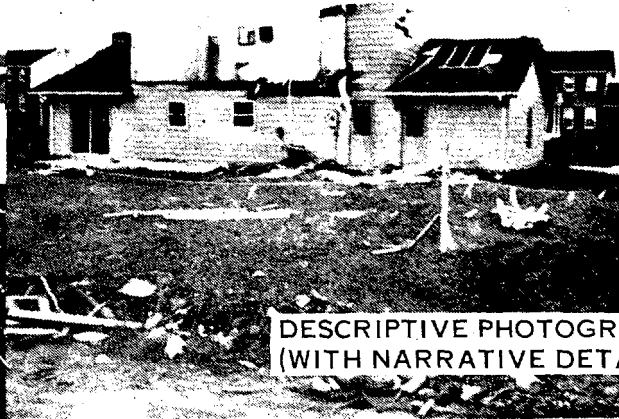
CLUSTER 4



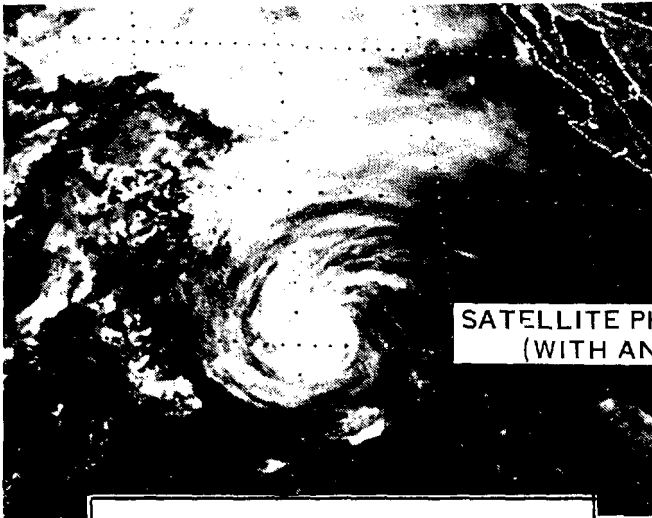
STORM DATA



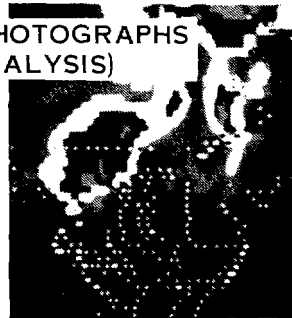
OUTSTANDING STORM OF THE MONTH
(EDITED BY DR. T.T. FUJITA)



DESCRIPTIVE PHOTOGRAPHS
(WITH NARRATIVE DETAILS)



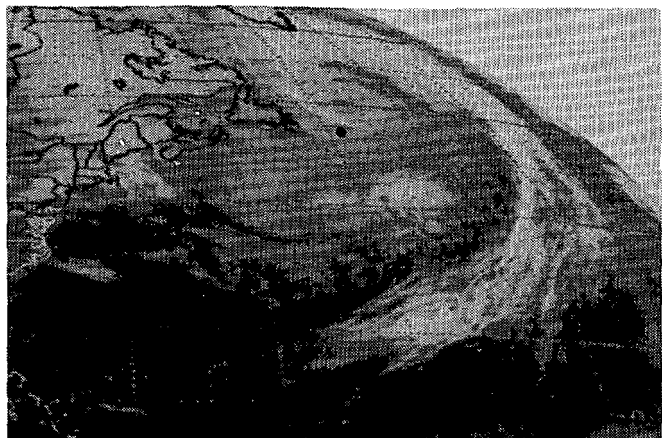
SATELLITE PHOTOGRAPHS
(WITH ANALYSIS)



A MONTHLY STATE BY STATE
SUMMARY OF DAMAGE, INJURY
AND DEATH STATISTICS

DETAILED INFORMATION
ON ALL REPORTED STORMS
AND UNUSUAL WEATHER
PHENOMENA

MAPS CLEARLY TRACE
STORM PROGRESSION



A WORLD OF INFORMATION

For

- * Industry
- * Research and Development
- * Public Utilities
- * Government Agencies
- * Attorneys
- * Construction
- * Consultants
- * Insurance Companies
- * Colleges and Universities
- * Energy

For

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- * Energy

ARIZONA
DECEMBER
WITH ANNUAL SUPPLEMENT

VOLUME 35 NUMBER



NUMBER 1

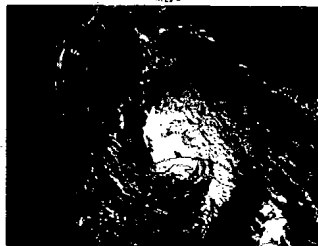
LOCAL CLIMATOLOGICAL DATA

Monthly Summary

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Kenneth D. Haden
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

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HYDROGEN
NATURAL ELIMINATE DATA 12A

CD

VALIDATED BY:

Charlie Aiken
Emily Atkins
Ted Burlew
Betty Edstrom
Bruce Emory
Joyce Morgan
Betty Shuford

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