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CLIMATOLOGICAL DATA
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MARYLAND AND DELAWARE
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"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER, ASHEVILLE NORTH CAROLINA" 28801

Kenneth D Hadeen

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

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	M 9.24		2.86		4.59		3.97		3.58		2.10	
CRISFIELD SOMERS COVE	M 6.16		1.98	-1.09	3.04	-1.00	2.43	-.54	2.41	-.83	4.21	1.05
PRINCESS ANNE	M 7.34		2.51	-.79	4.13	.14	3.16	-.16	2.41	-.94	3.48	.07
SALISBURY	7.54	4.02	2.92	-.49	3.81	-.41	3.01	-.30	2.53	-.79	3.64	.02
SALISBURY FAA AP	7.75	4.37	2.08	-1.25	4.01	-.07	3.20	.04	2.14	-1.24	2.73	-.82
SNOW HILL 4 N	7.81	4.18	2.48	-1.12	3.96	-.64	3.03	-.29	2.85	-.58	2.02	-1.78
--DIVISIONAL DATA------->	7.70	4.28	2.47	-.84	3.92	-.23	3.13	-.03	2.65	-.66	3.03	-.40
CENTRAL EASTERN SHORE 02												
CAMBRIDGE WTR TRMT PL	5.22	1.73	2.04	-1.12	2.31	-1.75	2.29	-1.01	2.34	-1.26	1.99	-1.58
DENTON 2 E	6.75	3.43	1.89	-1.02	2.21	-1.71	2.08	-1.24	3.06	-.44	1.38	-2.28
ROYAL OAK 2 SSW	6.95	3.51	1.92	-1.28	2.27	-1.80	2.48	-.93	4.24	.61	2.14	-1.29
VIENNA	M 5.39		2.69	-.58	2.64	-1.28	2.69	-.65	2.00	-1.02	1.61	-1.95
--DIVISIONAL DATA------->	6.31	2.89	2.14	-.98	2.36	-1.57	2.39	-.88	2.91	-.52	1.78	-1.70
LOWER SOUTHERN 03												
LA PLATA 1 W	4.46	1.32	1.52	-1.36	2.60	-1.16	4.06	.89	4.28	.81	2.40	-1.38
MECHANICSVILLE 1 E	5.72		1.63		2.31		4.34		3.10		2.36	
OWINGS FERRY LANDING	5.39	2.25	1.71	-1.01	2.20	-1.34	4.36	1.12	3.62	-.18	3.12	-.59
PATUXENT RIVER	6.88		2.25		2.35		3.98		4.31		3.82	
--DIVISIONAL DATA------->	5.61	2.34	1.78	-1.13	2.37	-1.38	4.19	1.06	3.83	.24	2.93	-.70
UPPER SOUTHERN 04												
ANNAPOLIS POLICE BRKS	M 3.19		1.82		1.51		2.35		4.84		3.90	
BALTIMORE WSO AP R	5.85	2.85	2.22	-.76	.99	-2.73	1.86	-1.49	4.16	.72	2.63	-1.13
BELTSVILLE	3.42	.51	1.35	-1.15	.92	-2.57	4.01	.64	3.59	-.22	2.69	-1.20
COLLEGE PARK	5.15	2.14	1.46	-1.33	1.66	-1.99	3.49	.12	3.53	-.32	4.22	.37
DALECARLIA RESVR D C	3.62	.55	1.26	-1.67	2.54	-1.29	3.35	-.25	2.96	-.81	3.46	-.22
GLENN DALE BELL STN	M 3.95		M .98		1.92	-1.78	3.07	-.45	3.29	-.65	3.58	-.29
LAUREL 3 W	4.31	1.44	1.66	-1.03	2.43	-1.23	3.64	.24	2.96	-1.10	4.74	.85
NATIONAL ARBORETUM D C	4.31	1.14	M .12		1.61	-2.14	4.24	.87	2.21	-1.72	4.30	.35
UPPER MARLBORO 3 NNW	3.96	.68	1.38	-1.35	1.82	-1.90	4.23	.91	4.10	.50	2.61	-1.23
--DIVISIONAL DATA------->	4.37	1.31	1.59	-1.20	1.71	-1.97	3.36	-.01	3.52	-.23	3.57	-.23
NORTHERN EASTERN SHORE 05												
CHESTERTOWN	4.54	1.26	1.86	-1.09	1.12	-2.86	1.75	-1.50	3.54	-.08	2.41	-1.83
MILLINGTON 1 SE	5.85	2.69	2.08	-.79	1.48	-2.22	1.90	-1.28	3.66	.24	2.57	-1.10
--DIVISIONAL DATA------->	5.20	1.93	1.97	-.91	1.30	-2.46	1.83	-1.37	3.60	.15	2.49	-1.37
NORTHERN CENTRAL 06												
ABERDEEN PHILLIPS FLD	4.13		M 1.02		1.49		1.40		3.89		2.53	
BALTIMORE WSO CI R	5.71	2.64	2.21	-.86	1.47	-2.46	1.71	-1.80	5.00	1.37	3.82	.11
BENSON POLICE BARRACKS	5.49	2.06	1.62	-1.26	3.17	-.87	2.05	-1.95	4.50	.45	2.71	-1.59
BOYDS 2 NW	3.90		1.91		1.71		3.56		2.58		6.35	
BRIGHTON DAM	5.01	2.05	2.33	-.39	2.01	-1.72	3.83	.36	3.45	-.48	4.70	.81
CATOCTIN MOUNTAIN PARK	7.97		1.31		4.37		6.19		2.97		3.39	
CLARKSVILLE 3 NNE	4.33		1.85		2.56		3.20		3.28		2.17	
CONOWINGO DAM	3.67	.34	1.36	-1.49	1.38	-2.61	1.81	-2.01	3.37	-.36	3.01	-1.28

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	5.24		1.52		1.39		3.37		M 3.52		3.37		M 44.75	
CRISFIELD SOMERS COVE	2.57	-1.20	1.32	-3.07	4.24	.97	2.36	-.85	1.46	-1.63	M 2.49		M 34.67	
PRINCESS ANNE	4.39	.57	.52	-5.11	3.06	-.91	1.45	-2.23	1.72	-1.52	3.11	-.29	M 37.28	
SALISBURY	3.67	-.09	1.07	-4.65	2.44	-1.15	2.03	-1.60	2.87	-.24	3.40	-.22	38.93	-5.90
SALISBURY FAA AP	4.30	-.10	.58	-5.14	4.25	.31	3.01	-.72	3.08	.02	3.12	-.59	40.25	-5.19
SNOW HILL 4 N	4.16	.17	.89	-4.54	3.02	-.51	4.58	.78	2.76	-.62	2.75	-.96	40.31	-5.91
--DIVISIONAL DATA------->	4.06	.13	.98	-4.22	3.07	-.52	2.80	-.76	2.38	-.81	3.15	-.37	39.34	-4.43
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	2.37	-1.94	.51	-4.77	2.49	-1.23	2.13	-1.15	5.40	1.68	2.59	-1.12	31.68	-13.52
DENTON 2 E	4.59	.25	.85	-4.13	2.66	-.84	2.28	-1.09	3.70	.17	2.86	-.66	34.31	-9.56
ROYAL OAK 2 SSW	1.13	-3.26	1.08	-4.01	2.82	-.90	1.55	-1.91	3.26	-.47	3.13	-.61	32.97	-12.34
VIENNA	4.84	.90	.70	-4.93	M 2.28		1.68	-1.76	M		2.55	-1.02		
--DIVISIONAL DATA------->	3.23	-.91	.79	-4.43	2.66	-.99	1.91	-1.42	4.12	.59	2.78	-.82	33.38	-10.74
LOWER SOUTHERN 03														
LA PLATA 1 W	1.15	-2.88	1.96	-2.96	9.48	6.04	2.12	-1.29	4.36	1.16	3.38	-.04	41.77	-.85
MECHANICSVILLE 1 E	4.22		1.94		6.05		1.99		3.30		3.34		40.30	
OWINGS FERRY LANDING	.88	-2.78	1.72	-2.47	4.85	1.33	1.59	-1.68	3.64	.31	3.05	-.24	36.13	-5.28
PATUXENT RIVER	1.78		1.43		6.49		1.78		3.19		3.19		41.45	
--DIVISIONAL DATA------->	2.01	-2.09	1.76	-2.86	6.72	3.22	1.87	-1.40	3.62	.28	3.24	-.14	39.93	-2.56
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	1.63		1.71		4.18		2.10		4.33		2.88		M 34.44	
BALTIMORE WSO AP R	5.05	1.16	1.61	-3.01	7.34	3.88	2.25	-.86	5.05	1.94	2.07	-1.33	41.08	-.76
BELTSVILLE	1.58	-2.56	1.76	-2.95	7.32	3.61	3.07	-.17	3.82	.85	2.98	-.36	36.51	-5.57
COLLEGE PARK	1.88	-2.18	1.58	-3.42	7.33	3.77	2.88	-.23	4.87	1.77	2.37	-1.01	40.42	-2.31
DALECARLIA RESVR D C	1.15	-2.89	.98	-3.62	8.17	4.75	2.70	-.60	4.03	.88	2.41	-1.08	36.63	-6.25
GLENN DALE BELL STN	.76	-3.55	2.00	-2.91	5.20	1.54	2.95	-.35	4.77	1.43	2.86	-.53	M 35.33	
LAUREL 3 W	1.88	-2.00	1.89	-2.28	9.33	5.95	3.33	.20	5.34	1.94	3.18	-.16	44.69	2.82
NATIONAL ARBORETUM D C	5.52	1.32	2.91	-2.19	6.30	2.72	3.25	.08	3.69	.61	2.53	-.83	M 40.99	
UPPER MARLBORO 3 NNW	1.98	-2.08	1.99	-2.67	5.54	1.81	2.28	-1.01	5.02	1.86	2.86	-.53	37.77	-5.01
--DIVISIONAL DATA------->	2.38	-1.61	1.83	-2.91	6.75	3.23	2.76	-.38	4.55	1.42	2.68	-.70	39.07	-3.28
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	2.33	-1.61	.62	-3.99	7.93	4.35	1.62	-1.54	3.63	.17	2.74	-1.13	34.09	-9.85
MILLINGTON 1 SE	3.67	-.20	.58	-4.16	6.27	2.48	1.91	-1.14	4.25	.78	2.66	-.92	36.88	-5.62
--DIVISIONAL DATA------->	3.00	-.93	.60	-3.91	7.10	3.43	1.77	-1.29	3.94	.54	2.70	-.95	35.50	-7.14
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	2.95		.61		8.19		1.88		2.94		2.18		M 33.21	
BALTIMORE WSO CI R	2.04	-1.99	1.28	-3.29	6.34	2.68	2.47	-.62	4.37	1.03	2.24	-1.54	38.66	-4.73
BENSON POLICE BARRACKS	4.58	.23	1.26	-3.65	9.90	5.72	2.39	-.59	4.31	.42	2.45	-1.54	44.43	-2.57
BOYDS 2 NW	2.18		2.50		8.74		3.07		4.18		1.50		42.18	
BRIGHTON DAM	1.62	-1.92	2.14	-1.99	10.23	6.54	3.71	.59	4.39	1.22	2.39	-1.02	45.81	4.05
CATOCTIN MOUNTAIN PARK	2.81		1.66		5.94		2.40		M 4.01		2.48		M 45.50	
CLARKSVILLE 3 NNE	4.75		.66		8.34		3.39		4.00		2.39		40.92	
CONOWINGO DAM	3.42	-.95	3.69	-.85	11.09	7.20	2.60	-.59	4.03	.55	2.08	-1.79	41.51	-3.84

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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
DAMASCUS 2 SW	4.44		2.07		1.86		4.20		2.39		6.38	
EMMITSBURG 2 SE	4.05		1.70		2.19		3.82		4.12		2.35	
FREDRICK POLICE BRKS	M 2.88		M .15		1.69		3.66		1.93		3.03	
FREDERICK 3 E	3.72	.84	1.29	-1.26	1.59	-1.93	4.01	.40	2.65	-1.21	3.01	-1.01
PARKTON 2 SW / /	M		M		M		M					
POTOMAC FILTER PLANT	3.83		2.23		1.02		3.34		2.46		5.30	
ROCKVILLE 1 NE	3.99	1.04	M		1.80	-1.74	3.11	-.13	2.67	-1.10	3.29	-.70
TOWSON	M		2.25	-.93	2.79	-1.25	M		5.07	1.06	2.68	-1.36
UNIONVILLE	4.77	2.01	1.19	-1.22	1.32	-2.06	3.71	.20	5.06	1.39	3.27	-.81
WESTMINSTER POLICE BRK	4.31	1.19	.96	-1.86	2.82	-1.10	3.47	-.22	4.46	.59	2.41	-1.68
WOODSTOCK	5.17	2.03	2.18	-.58	2.11	-1.83	2.95	-.67	4.72	.95	2.98	-1.05
--DIVISIONAL DATA------->	4.76	1.63	1.72	-1.09	2.18	-1.64	3.20	-.43	3.73	-.09	3.36	-.69
APPALACHIAN. MOUNTAIN 07												
CUMBERLAND 2	3.21	.68	.92	-1.49	2.27	-1.34	5.28	1.92	2.59	-1.02	2.42	-1.36
EDGEMONT	3.68	.61	1.13	-1.49	1.41	-2.30	7.54	3.89	3.05	-.77	3.42	-.77
FROSTBURG 2	4.12		1.03		2.55		6.71		2.65		2.24	
HAGERSTOWN	3.22	.42	1.81	-.45	.72	-2.66	4.31	.81	2.96	-.78	2.12	-1.80
HANCOCK FRUIT LAB	3.18	.57	1.10	-1.26	2.02	-1.47	6.01	2.77	2.69	-.72	2.23	-1.63
--DIVISIONAL DATA------->	3.43	.68	1.22	-1.28	1.89	-1.77	5.58	2.15	2.72	-.97	2.25	-1.50
ALLEGHENY PLATEAU 08												
MC HENRY 2 NW	4.87		2.15		2.55		4.75		3.70		3.13	
MERRILL	M 3.33		1.02	-1.70	2.26	-1.66	4.57	.90	3.83	-.04	3.43	-.17
OAKLAND 1 SE	3.45	-.34	1.45	-1.75	2.00	-2.42	4.89	.38	6.26	1.82	3.79	-.57
SAVAGE RIVER DAM	3.24	.64	.91	-1.44	2.73	-.65	4.64	1.16	3.53	-.14	3.78	.28
--DIVISIONAL DATA------->	3.85	.32	1.50	-1.59	2.43	-1.78	4.76	.57	4.50	.38	3.57	-.57
DELAWARE												
NORTHERN 01												
MIDDLETOWN 3 E	M .00		M .00		1.12		2.71		3.46		2.49	
NEWARK UNIVERSITY FARM	4.76	1.66	M 1.17		2.29	-1.37	3.25	-.25	3.79	.27	2.04	-1.71
WILMINGTON WSO AP R	4.35	1.24	1.52	-1.47	1.16	-2.71	2.63	-.76	3.15	-.08	2.31	-1.20
WILMGTON PORTER RESVR	5.87	2.58	1.21	-1.79	2.14	-1.93	4.35	.47	4.69	1.12	2.01	-1.99
--DIVISIONAL DATA------->	4.99	1.86	1.37	-1.50	1.68	-2.09	3.24	-.30	3.77	.41	2.21	-1.48
SOUTHERN 02												
DOVER	5.75	2.51	1.20	-1.66	2.42	-1.45	3.85	.64	4.44	.94	1.43	-2.18
GEORGETOWN 5 SW	7.04	3.69	1.53	-1.49	2.73	-1.24	3.24	.04	3.19	-.07	1.89	-1.70
GREENWOOD 2 NE	5.55		1.91		2.81		2.46		2.57		1.19	
LEWES	8.79	5.32	M 1.71		4.05	-.16	3.45	.04	2.63	-.91	1.84	-1.86
MILFORD 4 SE	7.69	4.30	2.11	-1.02	3.49	-.54	3.09	-.32	3.89	.41	2.74	-.98
--DIVISIONAL DATA------->	6.96	3.53	1.69	-1.45	3.10	-.93	3.22	-.09	3.34	-.06	1.82	-1.83

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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
DAMASCUS 2 SW	5.19		1.26		9.87		3.09		4.71		2.54		48.00	
EMMITSBURG 2 SE	3.14		1.35		7.84		2.37		4.84		2.04		39.81	
FREDRICK POLICE BRKS	5.15		1.37		6.36		2.46		3.96		M 2.33		M 34.97	
FREDERICK 3 E	5.59	1.95	1.29	-2.42	6.39	2.84	2.84	-.29	5.29	2.13	1.84	-1.39	39.51	-1.35
PARKTON 2 SW //														
POTOMAC FILTER PLANT	1.94		1.43		8.42		2.05		4.73		2.25		39.00	
ROCKVILLE 1 NE	1.55	-2.23	2.09	-2.37	10.00	6.54	2.82	-.18	4.29	1.23	2.34	-.66		
TOWSON	3.66	-.47	.96	-3.83	6.76	2.61	3.80	.37	M 5.06		3.18	-.64		
UNIONVILLE	3.49	-.10	1.37	-2.39	6.25	2.74	2.57	-.36	5.37	2.28	1.89	-1.41	40.26	.27
WESTMINSTER POLICE BRK	7.12	3.12	1.21	-2.79	6.95	3.12	3.20	.10	4.13	.92	2.04	-1.45	43.08	-.06
WOODSTOCK	5.02	1.46	.78	-3.20	6.92	2.92	3.49	.37	3.93	.65	2.47	-1.05	42.72	.00
--DIVISIONAL DATA------->	3.80	-.10	1.47	-2.83	7.97	4.14	2.80	-.35	4.24	.89	2.27	-1.25	41.50	-1.81
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	.88	-2.31	1.53	-1.80	6.65	3.73	.83	-1.88	2.55	.14	2.65	.01	31.78	-4.72
EDGEMONT	2.61	-.64	1.64	-2.19	5.38	1.22	2.54	-.76	4.14	.76	1.80	-1.22	38.34	-3.66
FROSTBURG 2	1.81		2.34		6.04		1.29		3.19		3.51		37.48	
HAGERSTOWN	2.73	-.61	1.94	-1.65	5.58	2.28	M		M		M 1.59			
HANCOCK FRUIT LAB	5.96	2.40	1.48	-1.82	6.26	3.04	1.56	-1.37	2.61	-.06	1.58	-1.01	36.68	-.56
--DIVISIONAL DATA------->	2.85	-.57	1.82	-1.69	6.13	2.94	1.23	-1.74	2.78	.04	2.58	-.26	34.48	-3.97
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	2.02		3.60		5.60		1.54		4.59		4.65		43.15	
MERRILL	1.64	-2.03	2.01	-1.65	5.61	2.75	1.14	-1.74	3.29	.68	3.10	-.03	M 35.23	
OAKLAND 1 SE	1.56	-3.12	4.91	.31	5.51	2.40	1.47	-1.70	3.08	-.06	2.87	-1.03	41.24	-6.08
SAVAGE RIVER DAM	1.86	-1.76	2.26	-1.35	6.30	3.31	.99	-1.89	3.17	.82	2.77	.09	36.18	-.93
--DIVISIONAL DATA------->	1.81	-2.46	3.59	-.59	5.80	2.64	1.33	-1.80	3.61	.61	3.43	-.22	40.18	-4.49
DELAWARE														
NORTHERN 01														
MIDDLETOWN 3 E	1.55		1.15		4.41		2.33		3.78		2.41		M 25.41	
NEWARK UNIVERSITY FARM	4.10	-.22	2.17	-2.33	8.46	4.85	2.08	-1.10	4.32	1.13	M 1.66		M 40.09	
WILMINGTON WSO AP R	4.09	.19	4.21	.18	4.85	1.26	2.31	-.58	3.50	.17	1.90	-1.64	35.98	-5.40
WILMGTON PORTER RESVR	4.60	.47	2.19	-2.23	6.13	2.32	2.30	-.93	4.55	.79	2.43	-1.31	42.47	-2.43
--DIVISIONAL DATA------->	3.59	-.41	2.43	-1.74	5.96	2.37	2.26	-.91	4.04	.66	2.25	-1.30	37.79	-4.43
SOUTHERN 02														
DOVER	2.79	-1.48	2.14	-2.98	4.24	.10	2.34	-1.22	2.93	-.60	2.67	-.86	36.20	-8.24
GEORGETOWN 5 SW	3.66	-.36	.78	-4.65	3.85	.34	2.89	-.59	5.33	2.04	2.87	-.72	39.00	-4.71
GREENWOOD 2 NE	4.37		2.17		2.12		2.15		4.11		2.91		34.32	
LEWES	2.52	-1.64	2.39	-2.97	.86	-2.40	3.69	.36	2.56	-.93	3.65	-.17	M 38.14	
MILFORD 4 SE	1.07	-3.31	1.01	-3.77	2.62	-1.13	2.81	-.66	3.02	-.41	2.86	-.95	36.40	-8.38
--DIVISIONAL DATA------->	2.88	-1.35	1.70	-3.54	2.74	-.93	2.78	-.69	3.59	.22	2.99	-.74	36.81	-7.86

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

MARYLAND AND DELAWARE 1987

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	M		33.9		43.1		50.9		61.6		73.1		78.8		77.0		71.7		55.3		51.6		M		M	
CRISFIELD SOMERS COVE	36.4	-.4	36.3	-1.7	46.2	.3	M54.4	-2.0	66.1	.4	74.9	1.1	80.8	2.1	78.6	.8	73.3	1.4	55.9	-4.9	52.1	1.6	42.9	2.0	M58.2	.1
PRINCESS ANNE	35.1	-.5	34.7	-2.6	M45.7	.7	52.8	-2.0	65.0	1.2	74.3	2.6	78.4	2.4	76.9	1.9	71.7	3.1	53.4	-4.2	50.8	2.8	41.4	2.2	M56.7	.6
SALISBURY	35.6	-1.1	35.6	-2.8	47.7	1.7	54.5	-1.3	66.5	1.7	75.5	2.9	80.2	3.2	77.6	1.6	71.9	2.0	55.0	-4.1	52.1	2.6	42.9	2.6	57.9	.8
SALISBURY FAA AP	33.8	-1.3	33.8	-2.8	44.8	.6	51.9	-2.3	64.5	1.4	73.8	2.2	78.9	2.4	75.6	.3	70.5	1.9	52.6	-4.8	49.9	2.2	41.1	2.3	55.9	.2
SNOW HILL 4 N	35.4	-.6	34.1	-3.4	45.3	.3	52.2	-2.4	65.1	1.6	75.1	3.5	79.0	3.1	76.5	1.5	71.3	2.3	54.5	-3.6	51.6	3.1	42.0	2.5	56.8	.7
--DIVISIONAL DATA------->	35.3	-.7	34.7	-2.8	45.5	.4	52.8	-2.1	64.8	1.0	74.5	2.5	79.4	2.8	77.0	1.2	71.7	2.1	54.5	-4.2	51.4	2.5	42.1	2.3	57.0	.4
CENTRAL EASTERN SHORE 02																										
CAMBRIDGE WTR TRMT PL	35.2	.5	36.3	.0	47.5	3.0	54.8	-.1	66.8	2.6	76.5	4.0	81.5	4.6	79.0	3.4	72.5	3.0	55.5	-3.0	52.0	3.6	42.4	3.7	58.3	2.1
DENTON 2 E	32.7	-1.4	33.4	-2.7	47.0	2.9	52.9	-2.0	65.2	.9	76.4	3.8	80.8	3.9	76.8	1.2	71.4	2.3	54.0	-3.7	50.1	2.5	40.5	2.7	56.8	.9
ROYAL OAK 2 SSW	34.6	-.4	35.4	-1.3	47.1	1.9	53.9	-1.9	65.9	.7	75.3	1.8	M80.7	3.0	77.6	1.0	71.6	1.3	54.8	-4.5	51.3	2.4	41.9	3.0	M57.5	.6
VIENNA	35.2	-.7	36.0	-1.5	48.4	2.8	55.5	-.1	68.4	3.6	M77.1	4.1	81.4	4.0	78.2	1.9	71.9	2.0	54.4	-4.5	M		M43.1	3.5	M	
--DIVISIONAL DATA------->	34.4	-.6	35.3	-1.4	47.5	2.6	54.3	-1.0	66.6	2.0	76.3	3.4	81.1	3.9	77.9	1.9	71.9	2.2	54.7	-4.0	51.1	2.6	42.0	3.2	57.8	1.2
LOWER SOUTHERN 03																										
LA PLATA 1 W	34.1	-.5	35.9	-.9	47.2	2.0	54.4	-1.1	66.0	2.0	M73.7	2.1	78.4	2.5	75.4	.6	69.5	.7	52.8	-4.8	49.8	2.5	40.7	2.8	M56.5	.7
MECHANICSVILLE 1 E	33.5		35.2		46.0		53.8		65.5		73.8		79.0		75.0		69.2		51.5		49.9		40.6		56.1	
OWINGS FERRY LANDING	33.5	-1.0	35.2	-1.1	47.1	2.5	54.4	-1.1	66.6	2.2	74.7	2.5	80.1	3.8	76.6	1.6	70.9	2.1	53.1	-4.6	50.0	2.1	40.3	2.2	56.9	.9
PATUXENT RIVER	35.5		35.9		46.0		54.2		65.6		75.4		81.5		75.7		69.0		52.3		M49.9		40.7		M56.8	
--DIVISIONAL DATA------->	34.2	-.7	35.6	-1.3	46.6	1.4	54.2	-1.5	65.9	1.3	74.4	2.0	79.8	3.1	75.7	.1	69.7	.4	52.4	-5.6	49.9	1.9	40.6	2.0	56.6	.3
UPPER SOUTHERN 04																										
ANNAPOLIS POLICE BRKS	33.9		33.9		46.1		54.2		65.5		74.2		79.8		76.2		68.7		51.1		47.5		40.4		56.0	
BALTIMORE WSO AP R	32.5	-.2	34.3	-.4	46.2	2.9	53.1	-.9	65.0	1.6	74.5	2.3	80.0	3.2	76.1	.5	69.3	.4	51.5	-5.4	47.8	1.5	39.8	3.3	55.8	.7
BELTSVILLE	31.7	.4	34.1	1.1	45.6	3.7	51.8	-.9	63.3	1.5	73.9	3.6	79.8	4.6	75.9	1.9	68.6	1.4	50.4	-4.6	47.6	2.6	38.9	3.6	55.1	1.6
COLLEGE PARK	33.2	-.8	35.1	-1.1	47.3	2.7	M54.1	-1.3	66.2	1.5	76.8	3.9	82.1	4.9	75.4	-.6	70.1	.9	53.1	-4.3	48.8	1.9	40.1	2.8	M56.9	.9
DALECARLIA RESVR D C	34.3	.4	37.7	1.4	47.9	3.0	54.6	-1.1	67.6	2.6	76.2	3.4	M81.4	4.2	78.4	2.5	72.0	2.8	52.9	-4.7	48.7	1.7	39.3	1.9	M57.6	1.5
GLENN DALE BELL STN	32.9	-.3	34.2	-1.2	46.1	2.2	53.0	-1.2	64.8	1.4	73.0	1.8	78.7	3.1	M75.6	1.1	69.0	1.0	51.6	-5.0	48.5	2.2	39.0	2.3	M55.5	.6
LAUREL 3 W	33.0	-.4	35.4	-.3	M47.3	3.1	53.5	-1.7	67.8	3.4	M75.4	2.8	81.2	4.0	77.7	1.5	69.2	-.4	52.5	-5.7	48.5	1.0	40.1	3.2	M56.8	.9
NATIONAL ARBORETUM D C	32.4	-2.4	33.8	-3.0	46.7	1.1	52.5	-3.7	64.7	-.5	74.1	.7	79.5	1.8	76.4	-.3	68.9	-1.2	51.9	-6.4	47.6	-.5	39.2	.7	55.6	-1.1
UPPER MARLBORO 3 NNW	31.4		34.0		45.8		52.5		64.0		74.2		80.0		75.3		69.3		50.1		48.2		39.0		55.3	
--DIVISIONAL DATA------->	32.8	-.4	34.7	-.4	46.6	2.9	53.3	-1.1	65.4	1.7	74.7	2.8	80.3	3.8	76.3	1.0	69.5	.8	51.7	-5.3	48.1	1.5	39.5	2.6	56.1	.8
NORTHERN EASTERN SHORE 05																										
CHESTERTOWN	32.6	-.5	33.8	-1.2	46.0	2.6	53.3	-.8	64.7	1.0	75.5	3.2	80.8	3.9	77.2	1.4	70.2	.9	53.6	-4.2	49.6	2.6	40.1	3.1	56.5	1.0
MILLINGTON 1 SE	31.8	-.4	32.6	-1.5	46.5	3.7	52.8	-.4	64.1	1.4	74.1	3.0	78.4	2.8	75.2	.7	69.3	1.3	52.9	-3.6	M49.6	3.5	40.6	4.5	M55.7	1.3
--DIVISIONAL DATA------->	32.2	-1.0	33.2	-1.9	46.3	2.8	53.1	-1.0	64.4	.9	74.8	2.7	79.6	3.1	76.2	.8	69.8	.8	53.3	-4.3	49.6	2.6	40.4	3.4	56.1	.7
NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FLD	M		34.3		46.2		54.1		65.4		74.9		M78.9		M		69.4		M		M		M39.2		M	
BALTIMORE WSO CI R	36.7	1.2	38.9	1.6	50.3	4.8	56.9	.1	70.0	3.7	79.7	4.4	83.5	3.6	78.7	.3	71.7	.0	54.9	-5.2	49.8	.6	40.8	1.5	59.3	1.4
BENSON POLICE BARRACKS	31.6	.4	33.6	.0	46.6	4.5	53.4	.6	65.2	2.8	74.2	3.6	79.4	4.5	75.5	1.7	68.1	.6	51.6	-4.4	46.4	1.1	37.4	2.3	55.3	1.5
BOYDS 2 NW	32.2		34.5		45.8		52.7		64.8		73.4		78.1		75.3		68.0		52.3		48.7		39.1		55.4	
CATOCTIN MOUNTAIN PARK	28.9		30.8		43.1		50.1		62.6		70.9		74.8		71.3		64.8		49.8		45.6		35.2		52.3	
CLARKSVILLE 3 NNE	31.4		32.3		44.8		51.8		64.1		73.3		77.8		74.3		67.4		50.7		47.6		38.5		54.5	
CONOWINGO DAM	29.9	-.3	31.8	-.5	43.6	2.5	51.5	-.5	62.7	.7	72.3	1.7	M77.7	2.6	72.9	-1.1	65.9	-1.3	48.8	-6.5	44.9	.8	36.6	2.5	M53.2	.1
DAMASCUS 2 SW	30.8		33.5		44.8		51.9		64.5		72.9		77.6		74.8		67.5		51.4		47.8		38.4		54.7	
EMMITSBURG 2 SE	29.3		31.8		43.5		51.0		62.9		72.1		76.6		M73.6		66.5		49.2		45.5		37.5		M53.3	
FREDRICK POLICE BRKS	33.3		35.7		46.7		M54.2		66.6		76.2		80.4		77.2		69.6		52.9		50.0		40.5		M56.9	
PARKTON 2 SW //	M		M		M		M																			
ROCKVILLE 1 NE	31.3	-2.0	M		46.4	2.3	54.5	-.4	67.3	3.4	76.7	5.2	82.6	6.9	78.4	4.0	70.2	2.5	51.5	-5.3	47.9	1.6	39.0	2.6	M	
TOWSON	M		29.7		44.6		M		65.6		74.5		M		M		71.7		52.0		M48.6		39.0		M	
UNIONVILLE	27.8	-1.7	30.2	-1.7	42.1	1.2	49.7	-1.8	62.5	1.6	70.3	1.0	75.4	1.8	71.3	-.9	66.3	1.0	48.7	-5.1	44.3	1.1	35.8	2.4	52.0	-.1
WESTMINSTER POLICE BRK	30.4	.3	32.6	.4	46.0	5.0	52.7	.5	65.6	4.1	74.3	4.4	M78.7	4.5	74.5	1.5	67.3	1.0	50.7	-4.2	47.4	3.1	37.2	3.2	M54.8	2.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE
WOODSTOCK	31.9	.5	33.2	-.3	45.6	3.5	52.6	-.3	65.0	2.6	74.2	3.9	78.7	3.8	75.5	2.0	68.6	1.8	51.6	-3.6	48.2	3.5	39.2	4.0	55.4	1.8
--DIVISIONAL DATA------->	31.2	-.4	33.1	-.6	45.3	3.0	52.7	-.5	65.0	2.4	74.0	3.2	78.6	3.5	74.9	1.0	68.2	.8	51.2	-4.6	47.3	2.1	38.2	2.9	55.0	1.1
APPALACHIAN MOUNTAIN 07																										
CUMBERLAND 2	30.1	-.8	34.2	1.0	44.1	2.0	51.6	-1.9	64.7	1.9	M73.4	3.0	78.5	4.1	74.3	1.1	66.4	-.2	49.9	-5.1	46.3	2.2	37.0	2.7	M54.2	.8
FROSTBURG 2	25.0		28.5		38.1		45.6		58.0		67.7		72.3		68.5		61.8		45.4		42.3		32.2		48.8	
HAGERSTOWN	30.0	-.6	33.3	.4	44.8	2.7	M52.5	-1.1	65.6	2.5	74.5	3.5	79.3	4.4	75.6	2.2	68.5	1.7	M		M		38.0	3.8	M	
HANCOCK FRUIT LAB	30.6	1.4	32.9	1.8	44.1	4.1	50.8	-.3	63.9	3.7	73.1	4.6	77.3	4.4	73.9	2.2	66.2	1.3	49.3	-3.6	45.9	3.1	37.8	4.9	53.8	2.3
--DIVISIONAL DATA------->	28.9	-1.2	32.2	.0	42.8	1.8	50.1	-2.2	63.1	1.5	72.2	2.7	76.9	3.5	73.1	.8	65.7	.0	48.2	-6.1	44.8	1.2	36.3	2.6	52.9	.4
ALLEGHENY PLATEAU 08																										
MC HENRY 2 NW	23.9		28.2		39.1		44.6		60.1		67.0		71.3		68.7		61.6		45.5		41.7		31.0		48.6	
OAKLAND 1 SE	24.8	-1.4	28.5	.5	38.7	2.3	45.9	-1.3	59.3	3.0	67.1	3.5	70.9	3.5	68.4	1.7	61.4	.9	45.8	-3.7	42.4	3.2	33.8	3.9	48.9	1.3
SAVAGE RIVER DAM	26.2	-.2	29.5	1.6	39.7	2.9	47.0	-1.4	60.1	2.3	68.4	3.0	72.8	3.3	M69.9	1.3	62.8	.8	46.0	-4.8	42.6	2.3	34.0	3.8	M49.9	1.2
--DIVISIONAL DATA------->	25.0	-.5	28.7	1.5	39.2	3.4	45.8	-1.4	59.8	3.2	67.5	3.5	71.7	4.0	69.0	2.2	61.9	1.3	45.8	-3.7	42.2	3.1	32.9	3.5	49.1	1.7
DELAWARE																										
NORTHERN 01																										
MIDDLETOWN 3 E	M31.1		31.7		45.3		52.4		63.5		72.9		78.4		74.1		68.2		51.9		M48.4		39.1		M54.8	
NEWARK UNIVERSITY FARM	31.4	-.3	32.1	-1.6	45.3	3.2	52.7	-.1	64.6	1.9	74.2	2.9	78.9	3.2	74.6	.1	68.1	.2	51.6	-4.7	47.9	2.1	38.1	2.5	55.0	.8
WILMINGTON WSO AP R	31.4	.2	31.9	-1.3	44.6	2.8	52.3	-.1	63.1	.9	73.5	2.3	79.1	3.1	74.3	-.5	68.3	.4	51.7	-4.6	47.4	1.8	38.6	3.1	54.7	.7
WILMGTON PORTER RESVR	31.5	.7	32.9	.3	45.1	4.1	52.9	1.1	64.3	2.7	74.4	4.0	78.8	3.9	74.5	.8	68.4	1.5	52.4	-3.3	M47.8	2.6	39.1	4.0	M55.2	1.9
--DIVISIONAL DATA------->	31.4	-.2	32.2	-1.3	45.1	3.1	52.6	-.1	63.9	1.5	73.8	2.6	78.8	3.1	74.4	-.1	68.3	.5	51.9	-4.5	47.9	2.1	38.7	3.0	54.9	.8
SOUTHERN 02																										
DOVER	34.1	-.3	33.6	-2.8	M47.4	3.1	53.8	-.9	65.9	1.7	76.7	4.1	81.4	4.4	77.4	1.6	71.3	1.7	55.1	-3.5	52.2	4.0	42.2	3.8	M57.6	1.4
GEORGETOWN 5 SW	32.1	-2.1	32.0	-3.8	44.4	.9	51.4	-2.2	63.1	.0	73.6	2.1	78.5	2.4	75.6	.7	70.0	1.6	52.9	-4.1	49.4	2.2	40.8	3.0	55.3	.1
GREENWOOD 2 NE	32.9		33.5		45.8		52.7		M64.4		74.3		79.1		75.4		70.5		53.6		49.7		41.0		M56.1	
LEWES	35.2	.6	33.9	-2.2	45.3	2.0	51.1	-2.0	64.5	2.4	74.9	4.2	79.5	4.3	76.1	1.8	71.3	2.9	55.6	-1.9	51.9	3.9	42.3	3.8	56.8	1.7
MILFORD 4 SE	32.9	-1.4	31.4	-4.4	44.8	.5	51.6	-2.8	64.5	.6	75.2	3.2	79.0	2.5	75.0	-.2	70.2	1.4	54.0	-3.7	50.4	2.8	41.1	3.2	55.8	.1
--DIVISIONAL DATA------->	33.4	-1.1	32.9	-3.2	45.5	1.6	52.1	-2.0	64.5	1.1	74.9	3.1	79.5	3.3	75.9	.8	70.7	2.0	54.2	-3.5	50.7	2.9	41.5	3.2	56.3	.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND DELAWARE 1987

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
MARYLAND																													
SOUTHERN EASTERN SHORE 01																													
ASSATEAGUE ISLAND NATL SE	98	7/21			2/16	12	3/10	20	3/11	24	3/19	28	4/ 2	32	11/ 7	28	11/ 7	28	11/22	24	MSG		MSG				256	233	219
CRISFIELD SOMERS COVE	98	8/ 4	11	1/28	2/16	14	2/16	14	3/10	23	3/12	25	3/16	32	11/11	32	11/22	28	12/30	23	NONE		NONE				295	255	240
PRINCESS ANNE	98	7/22	-10	1/28	2/16	12	3/ 6	20	3/10	22	4/ 3	25	4/14	32	10/ 9	30	10/26	27	11/ 7	24	11/23	20	NONE			262	242	206	178
SALISBURY	100	7/21	-2	1/28	2/16	13	2/16	13	3/10	23	3/11	25	4/ 1	30	11/ 7	29	11/22	25	11/23	24	12/30	19	NONE			317	258	256	220
SALISBURY FAA AP	99	7/21	-6	1/28	2/16	13	2/16	13	3/10	23	3/16	28	4/ 6	32	10/26	32	11/ 6	28	11/22	22	12/30	17	12/31	16	318	317	257	235	203
SNOW HILL 4 N	100	7/21	-2	1/28	2/16	13	3/ 6	19	3/11	21	3/25	28	4/14	32	10/ 9	32	11/ 7	26	11/22	23	12/30	18	12/31	15	318	299	256	227	178
CENTRAL EASTERN SHORE 02																													
CAMBRIDGE WTR TRMT PL	101	7/22	-2	1/28	2/16	14	2/16	14	3/11	23	3/11	23	4/ 6	32	11/ 7	30	11/13	28	11/23	23	12/31	20	NONE			318	257	247	215
DENTON 2 E	102	7/21	-8	1/28	2/16	11	2/25	20	3/11	21	4/ 1	28	4/ 6	30	10/15	32	10/26	28	11/21	23	12/30	17	12/31	14	318	308	255	208	192
ROYAL OAK 2 SSW	99	7/21	1	1/28	2/16	14	2/16	14	3/11	22	3/11	22	4/ 6	32	11/ 7	30	11/21	27	12/30	21	NONE		NONE				294	255	215
VIENNA	103	7/21			2/16	13	2/17	18	3/11	23	3/11	23	4/ 1	30	10/27	32	MSG		MSG		MSG		MSG						209
LOWER SOUTHERN 03																													
LA PLATA 1 W	95	8/27	-3	1/28	2/25	14	3/14	20	3/17	23	4/ 1	26	4/ 6	31	10/15	32	11/ 7	28	11/21	21	12/30	20	NONE			291	249	220	192
MECHANICSVILLE 1 E	98	7/21	-7	1/28	2/16	13	3/ 6	20	3/17	23	4/ 1	27	4/27	32	10/ 9	32	11/ 7	27	11/22	21	12/30	20	NONE			299	250	220	165
OWINGS FERRY LANDING	100	7/21	-7	1/28	2/16	13	2/20	18	3/11	22	4/ 1	27	4/ 1	27	10/15	31	11/ 7	27	11/12	22	12/30	19	NONE			313	246	220	197
PATUXENT RIVER	100	7/21	6	1/28	1/29	13	2/16	17	2/16	17	3/11	26	4/ 6	32	11/ 6	31	11/11	28	11/22	24	NONE		NONE				279	245	214
UPPER SOUTHERN 04																													
ANNAPOLIS POLICE BRKS	101	7/21	-1	1/28	2/16	10	3/11	20	3/11	20	4/ 1	25	4/ 6	31	10/ 9	30	10/12	28	11/11	20	11/11	20	NONE			245	245	194	186
BALTIMORE WSO AP	R 98	7/21	-3	1/28	2/16	12	2/22	20	3/11	21	4/ 1	25	4/ 1	25	10/26	31	11/12	22	11/12	22	11/22	19	NONE			273	246	225	208
BELTSVILLE	99	7/22	-8	1/28	2/16	16	3/11	20	3/17	21	4/ 1	26	4/28	32	10/ 5	30	10/26	28	11/13	22	11/23	19	12/31	15	318	257	241	208	160
COLLEGE PARK	100	7/22	-6	1/28	2/17	16	2/20	19	3/11	21	4/ 1	28	4/ 2	32	10/15	32	11/ 7	28	11/13	24	12/30	20	NONE			313	247	220	196
DALECARLIA RESVR D C	100	7/21	1	1/28	2/16	16	2/16	16	3/11	21	3/18	25	3/23	30	10/ 9	32	10/29	28	11/11	15	11/11	15	11/11	15	268	268	245	225	200
GLENN DALE BELL STN	99	8/ 5	-11	1/27	3/ 5	15	3/18	20	4/ 1	23	4/27	28	4/29	32	10/ 9	29	10/15	26	11/12	23	11/13	18	11/23	16	263	240	225	171	163
LAUREL 3 W	99	7/21	9	1/27	2/15	15	2/16	17	4/ 1	24	4/ 1	24	4/ 6	30	10/14	30	11/11	24	11/11	24	11/22	18	12/30	15	318	279	224	224	191
NATIONAL ARBORETUM D C	99	7/22	1	1/27	2/20	16	3/12	20	3/12	20	4/ 1	26	4/27	32	10/ 9	32	10/26	27	11/22	10	11/22	10	11/22	10	275	255	255	208	165
UPPER MARLBORO 3 NNW	101	7/22	-10	1/28	2/17	16	3/ 6	19	3/17	24	4/ 1	26	4/ 1	26	10/ 9	30	10/15	28	11/12	24	11/23	19	12/31	16	317	262	240	197	191
NORTHERN EASTERN SHORE 05																													
CHESTERTOWN	99	8/ 5	-2	1/28	2/16	12	3/11	20	3/11	20	3/14	28	4/ 1	30	10/26	32	11/21	24	11/21	24	12/29	20	12/31	16	318	293	255	252	208
MILLINGTON 1 SE	99	7/21	-12	1/28	2/25	16	3/11	19	3/11	19	3/18	26	4/ 2	31	10/ 9	32	10/26	27	11/21	24	11/23	20	12/31	12	309	257	255	222	190
NORTHERN CENTRAL 06																													
ABERDEEN PHILLIPS FLD					2/16	9	3/11	19	3/11	19	4/ 1	27	4/ 6	32	MSG		MSG		MSG		MSG		MSG						
BALTIMORE WSO CI	R 103	7/21	12	1/24	2/16	13	2/16	13	3/11	24	3/11	24	4/ 1	32	11/10	32	11/11	25	11/21	22	12/29	18	NONE			316	255	245	223
BENSON POLICE BARRACKS	102	7/24	-4	1/28	3/11	14	3/11	14	4/ 1	24	4/ 2	28	4/ 6	30	10/ 9	30	10/15	28	11/11	23	11/12	20	11/22	14	256	246	224	196	186
BOYDS 2 NW	95	8/17	3	1/24	3/11	16	3/11	16	4/ 1	23	4/ 1	23	4/ 6	31	11/ 6	32	11/11	25	11/21	21	11/22	20	NONE			256	234	224	214
CATOCTIN MOUNTAIN PARK	90	8/18	1	1/25	3/11	12	4/ 1	20	4/ 1	20	4/ 1	20	4/29	32	10/22	32	11/10	28	11/11	22	11/21	15	11/21	15	255	234	224	223	176
CLARKSVILLE 3 NNE	98	7/21	-16	1/28	3/14	16	3/18	19	4/ 1	24	4/ 2	27	4/27	30	10/ 9	29	10/14	27	11/ 7	21	11/13	20	11/23	16	254	240	220	195	165
CONOWINGO DAM	99	7/11	-6	1/28	2/16	8	3/11	18	3/17	24	4/ 1	28	4/ 6	30	10/ 9	30	10/26	20	10/26	20	10/26	20	11/22	16	279	229	223	208	186
DAMASCUS 2 SW	95	8/17	2	1/24	3/11	13	3/11	13	4/ 1	22	4/ 1	22	4/ 6	32	10/ 9	32	11/11	25	11/21	20	11/21	20	12/30	15	294	255	234	224	186
EMMITSBURG 2 SE	96	7/21	-13	1/28	3/11	15	3/14	19	4/ 1	24	4/ 2	28	5/ 5	32	10/ 9	30	10/15	27	10/26	23	11/21	20	12/30	16	294	252	208	196	157
FREDRICK POLICE BRKS	99	7/21	-2	1/28	3/10	15	3/11	18	3/12	24	4/ 1	25	4/ 3	32	10/26	31	11/11	28	11/21	22	12/30	18	12/31	15	296	294	254	224	206
PARKTON 2 SW //					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
ROCKVILLE 1 NE	100	7/21			3/10	16	3/11	17	4/ 1	23	4/ 1	23	4/ 1	23	10/ 9	32	10/26	28	11/11	24	11/22	20	12/30	16	295	256	224	208	191
TOWSON					MSG		MSG		MSG		MSG		MSG		10/15	32	11/12	25	11/21	23	12/30	14	12/30	14					
UNIONVILLE	96	7/21	-17	1/28	3/17	11	4/ 1	17	4/ 1	17	4/ 5	27	5/ 7	32	10/ 2	31	10/ 9	28	10/26	22	11/11	20	12/ 7	12	265	224	208	187	148
WESTMINSTER POLICE BRK	97	7/30	2	1/24	3/11	14	3/11	14	4/ 1	23	4/ 1	23	4/ 6	31	10/ 9	31	10/30	28	11/11	22	11/21	20	11/22	16	256	255	224	212	186
WOODSTOCK	97	7/21	-8	1/28	3/11	16	3/11	16	4/ 1	23	4/ 1	23	4/ 6	32	10/ 9	30	10/26	27	11/21	22	11/22	19	12/30	16	294	256	234	208	186

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	100	8/17	1	1/27	2/16	12	3/11	18	3/14	23	3/31	26	4/ 1	31	10/ 8	30	10/25	28	11/20	21	11/21	20	12/30	15	317	255	251	208	190
FROSTBURG 2	91	8/18	1	1/26	3/12	13	4/ 1	19	4/ 2	22	4/ 6	28	4/ 6	28	10/ 9	28	10/ 9	28	11/11	21	11/21	14	11/21	14	254	234	223	186	186
HAGERSTOWN					3/11	15	3/11	15	4/ 1	23	4/ 2	28	4/ 7	32	MSG		MSG		MSG		MSG		MSG						
HANCOCK FRUIT LAB	98	8/17	-11	1/27	3/14	15	3/14	15	4/ 1	23	4/ 1	23	4/29	29	10/ 5	32	10/ 9	28	10/26	23	11/22	15	11/22	15	253	253	208	191	159
ALLEGHENY PLATEAU 08																													
MC HENRY 2 NW	91	8/18	-4	1/25	4/ 1	16	4/ 2	20	4/ 4	23	4/ 6	25	4/30	32	10/ 4	31	10/ 9	28	11/11	18	11/11	18	11/21	12	234	223	221	186	157
OAKLAND 1 SE	91	8/17	-18	1/27	3/18	16	4/ 1	19	4/ 9	24	5/ 5	28	5/ 9	30	9/26	32	10/ 9	23	10/ 9	23	10/26	19	11/21	12	248	208	183	157	140
SAVAGE RIVER DAM	94	7/24	-5	1/27	3/11	16	3/17	17	4/ 2	23	4/ 4	28	5/ 1	32	10/ 9	28	10/ 9	28	10/26	24	11/21	18	11/22	15	256	249	207	188	161
DELAWARE																													
NORTHERN 01																													
MIDDLETOWN 3 E	99	7/21	-5	1/28	2/26	15	3/11	19	3/11	19	4/ 1	28	4/ 6	32	10/15	32	10/26	28	11/21	19	11/21	19	12/30	14	307	255	255	208	192
NEWARK UNIVERSITY FARM	99	7/21	-3	1/28	2/16	8	3/11	17	4/ 1	24	4/ 1	24	4/ 6	32	10/15	31	10/26	28	11/12	22	11/21	15	11/21	15	278	255	225	208	192
WILMINGTON WSO AP R	98	7/21	0	1/28	2/16	9	3/11	19	3/11	19	4/ 1	28	4/ 5	32	10/26	30	11/21	22	11/21	22	11/22	20	12/30	14	317	256	255	234	204
WILMGTON PORTER RESVR	96	7/21	4	1/25	2/15	8	3/11	18	3/11	18	3/14	28	4/ 1	29	10/27	31	11/21	19	11/21	19	11/21	19	12/30	13	318	255	255	252	209
SOUTHERN 02																													
DOVER	101	7/21	-4	1/28	2/16	10	3/11	19	3/11	19	4/ 1	28	4/ 1	28	10/29	32	11/12	26	11/21	21	11/22	17	12/30	15	317	256	255	225	211
GEORGETOWN 5 SW	100	7/22	-13	1/28	2/17	13	3/ 6	20	3/11	23	3/25	28	4/ 6	30	10/ 9	32	10/26	28	11/21	23	11/22	16	11/22	16	278	261	255	215	186
GREENWOOD 2 NE	100	7/21	-8	1/28	2/16	11	2/16	11	3/11	22	3/14	28	4/ 6	31	10/26	31	11/21	22	11/21	22	12/30	18	12/31	14	318	317	255	252	203
LEWES	96	7/20	7	1/28	2/16	14	2/16	14	3/10	23	3/11	25	4/ 6	30	11/ 7	32	11/21	24	11/21	24	12/30	17	NONE			317	256	255	215
MILFORD 4 SE	98	7/21	-4	1/28	2/16	10	3/11	20	3/12	23	3/17	28	4/ 6	30	10/23	32	11/ 7	28	11/21	23	12/30	16	12/30	16	317	294	254	235	200

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	0	63	250	435	380	218	2	2	-	-	
CRISFIELD SOMERS COVE	0	0	0	B 1	107	303	497	427	259	0	0	0	B1594	1423
PRINCESS ANNE	0	0	B 0	1	103	287	420	376	218	0	4	0	B1409	1063
SALISBURY	0	0	0	3	122	320	477	394	218	0	2	0	1536	1200
SALISBURY FAA AP	0	0	0	0	102	270	438	336	183	0	1	0	1330	1074
SNOW HILL 4 N	0	0	0	1	102	311	441	363	200	0	4	0	1422	1058
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	0	0	0	3	129	350	518	441	235	0	1	0	1677	1167
DENTON 2 E	0	0	0	4	112	349	498	376	209	0	2	0	1550	1163
ROYAL OAK 2 SSW	0	0	0	2	112	317	B 490	400	208	0	0	0	B1529	1286
VIENNA	0	0	0	4	158	B 370	515	416	219	0	-	B 0	-	1245
LOWER SOUTHERN 03														
LA PLATA 1 W	0	0	0	4	114	B 268	421	332	155	0	1	0	B1295	1071
MECHANICSVILLE 1 E	0	0	0	2	97	274	443	321	147	0	3	0	1287	
OWINGS FERRY LANDING	0	0	0	4	126	299	477	366	194	0	1	0	1467	1116
PATUXENT RIVER	0	0	0	0	119	314	517	341	144	0	B 1	0	B1436	
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	0	1	100	283	467	358	144	0	0	0	1353	
BALTIMORE WSO AP R	0	0	0	7	115	292	473	352	152	0	0	0	1391	1138
BELTSVILLE	0	0	0	1	90	278	469	342	146	0	0	0	1326	917
COLLEGE PARK	0	0	0	B 5	134	360	536	345	178	1	0	0	B1559	1203
DALECARLIA RESVR D C	0	0	0	4	143	342	B 514	424	224	0	0	0	B1651	1209
GLENN DALE BELL STN	0	0	0	3	101	252	434	B 337	145	0	0	0	B1272	1008
LAUREL 3 W	0	0	B 0	6	166	B 322	509	400	150	0	0	0	B1553	1220
NATIONAL ARBORETUM D C	0	0	0	0	101	280	460	361	142	1	0	0	1345	1311
UPPER MARLBORO 3 NNW	0	0	0	0	102	286	474	325	150	0	4	0	1341	
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	0	0	5	108	321	495	386	172	0	0	0	1487	1158
MILLINGTON 1 SE	0	0	0	2	95	281	425	328	147	0	B 0	0	B1278	1011
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	-	0	0	4	109	306	B 435	-	145	-	-	B 0	-	
BALTIMORE WSO CI R	0	0	0	17	204	449	582	431	213	0	2	0	1898	1545
BENSON POLICE BARRACKS	0	0	0	4	109	284	454	333	114	0	0	0	1298	944
BOYDS 2 NW	0	0	0	7	104	259	413	328	116	0	2	0	1229	
CATOCTIN MOUNTAIN PARK	0	0	0	4	82	193	317	221	52	0	0	0	869	
CLARKSVILLE 3 NNE	0	0	0	0	85	260	404	305	114	0	0	0	1168	
CONOWINGO DAM	0	0	0	0	79	229	B 399	256	76	0	0	0	B1039	928
DAMASCUS 2 SW	0	0	0	6	104	247	400	311	108	0	0	0	1176	
EMMITSBURG 2 SE	0	0	0	0	76	222	365	B 284	90	0	0	0	B1037	
FREDRICK POLICE BRKS	0	0	0	B 8	137	347	486	383	158	0	0	0	B1519	
PARKTON 2 SW //	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROCKVILLE 1 NE	0	-	0	14	149	361	555	424	174	0	0	0	-	1063
TOWSON	-	0	0	-	116	296	-	-	211	0	B 0	0	-	
UNIONVILLE	0	0	0	0	59	178	329	221	81	0	0	0	868	759
WESTMINSTER POLICE BRK	0	0	0	7	117	285	B 433	304	110	0	1	0	B1257	841
WOODSTOCK	0	0	0	5	103	285	432	335	132	0	0	0	1292	896
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	0	0	12	103	B 263	426	310	85	0	0	0	B1199	902
FROSTBURG 2	0	0	0	0	37	126	250	157	20	0	0	0	590	
HAGERSTOWN	0	0	0	B 7	119	295	447	341	133	-	-	0	-	935
HANCOCK FRUIT LAB	0	0	0	2	89	254	391	294	95	0	0	0	1125	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	0	0	0	0	49	109	221	163	22	0	0	0	564	
OAKLAND 1 SE	0	0	0	2	29	110	206	155	22	0	0	0	524	276
SAVAGE RIVER DAM	0	0	0	1	45	139	265	B 195	33	0	0	0	B 678	417
DELAWARE														
NORTHERN 01														
MIDDLETOWN 3 E	B 0	0	0	1	90	247	422	288	123	0	B 0	0	B 1171	
NEWARK UNIVERSITY FARM	0	0	0	3	103	286	436	308	125	0	0	0	1261	1003
WILMINGTON WSO AP R	0	0	0	3	91	264	446	295	129	0	0	0	1228	1015
WILMGTON PORTER RESVR	0	0	0	4	102	289	433	302	132	0	B 0	0	B 1262	901
SOUTHERN 02														
DOVER	0	0	B 0	3	136	356	516	390	199	0	2	0	B 1602	1179
GEORGETOWN 5 SW	0	0	0	0	87	272	424	338	171	0	6	0	1298	1050
GREENWOOD 2 NE	0	0	0	0	B 108	289	439	333	181	0	1	0	B 1351	
LEWES	0	0	0	0	121	301	457	350	200	0	5	0	1434	946
MILFORD 4 SE	0	0	0	0	113	312	442	315	171	0	2	0	1355	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 1646	727	709	776	1113	650	1148	-	-	-
	EVAP	-	-	-	B 3.71	5.16	7.09	8.28	7.13	B 4.94	3.35	-	-	-
	MAX TEMP	-	-	-	65.1	81.6	92.3	96.5	89.7	82.7	M 65.2	-	-	M -
	MIN TEMP	-	-	-	45.4	55.6	66.5	70.8	66.6	62.5	M 41.7	-	-	M -
UPPER MARLBORO 3 NNW	WIND	-	-	-	B 492	251	338	259	-	-	316	523	-	-
	EVAP	-	-	-	B 3.49	5.68	7.13	7.97	5.33	B 3.86	2.98	B 2.01	-	-
	MAX TEMP	-	-	-	64.8	81.1	91.3	95.5	88.7	81.9	64.6	54.7	-	M -
	MIN TEMP	-	-	-	47.4	58.9	68.2	73.4	69.6	64.8	44.5	40.6	-	M -
ALLEGHENY PLATEAU 08														
SAVAGE RIVER DAM	WIND	-	-	-	-	766	B 447	347	-	B 361	711	-	-	-
	EVAP	-	-	-	-	B 6.04	B 4.85	5.71	B 6.20	-	B 2.44	-	-	-
	MAX TEMP	-	-	-	M 62.2	74.8	-	87.8	82.7	73.1	M 54.0	-	-	M -
	MIN TEMP	-	-	-	M 41.5	51.6	-	64.6	60.9	55.1	M 38.2	-	-	M -
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	WIND	-	-	-	-	1141	1007	726	792	807	896	-	-	-
	EVAP	-	-	-	-	B 5.46	6.90	B 6.76	B 6.34	B 4.34	B 2.55	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN 02														
GEORGETOWN 5 SW	WIND	-	-	-	B 3098	2255	2310	1944	1804	1592	2081	-	-	-
	EVAP	-	-	-	-	B 6.78	B 7.93	B 9.03	8.00	B 5.88	-	-	-	-
	MAX TEMP	-	-	-	M 66.0	79.8	87.9	95.6	90.5	83.5	M -	-	-	M -
	MIN TEMP	-	-	-	M 49.6	59.0	69.5	M 73.5	69.7	64.9	M -	-	-	M -

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE 1987

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
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	41	41	0			C H
BOYDS 2 NW	1032	06	MONTGOMERY	39 13	77 20W	580	36	36	0			
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
CENTREVILLE	1627	05	QUEEN ANNES	39 3	76 4W	60	36	36	0			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			
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			H
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
DALECARLIA 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			
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			
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	0	37	0			
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	92	92	0			H
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
PARKTON 2 SW //	6844	06	BALTIMORE	39 38	76 42W	600	36	36	0		MAY	C H
PATUXENT RIVER	6915	03	ST MARY'S	38 20	76 25W	38	13	13	0			C
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			H
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 H
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			H
WESTMINSTER POLICE BRK	9440	06	CARROLL	39 33	76 58W	765	10	10	0			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD TEMP.	PRECIP.	EVAP.	OPENED OR CLOSED DURING YR MONTH OPENED	MONTH CLOSED	SEE REFERENCE NOTES
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	119	119	0			H
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		
LEWES	5320	02	SUSSEX	38 46	75 8W	15	45	45	0			H
MIDDLETOWN 3 E	5852	01	NEW CASTLE	39 27	75 40W	55	37	37	0			H
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 month's 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

USCOMM-NOAA-ASHEVILLE, N.C. 1987-0585

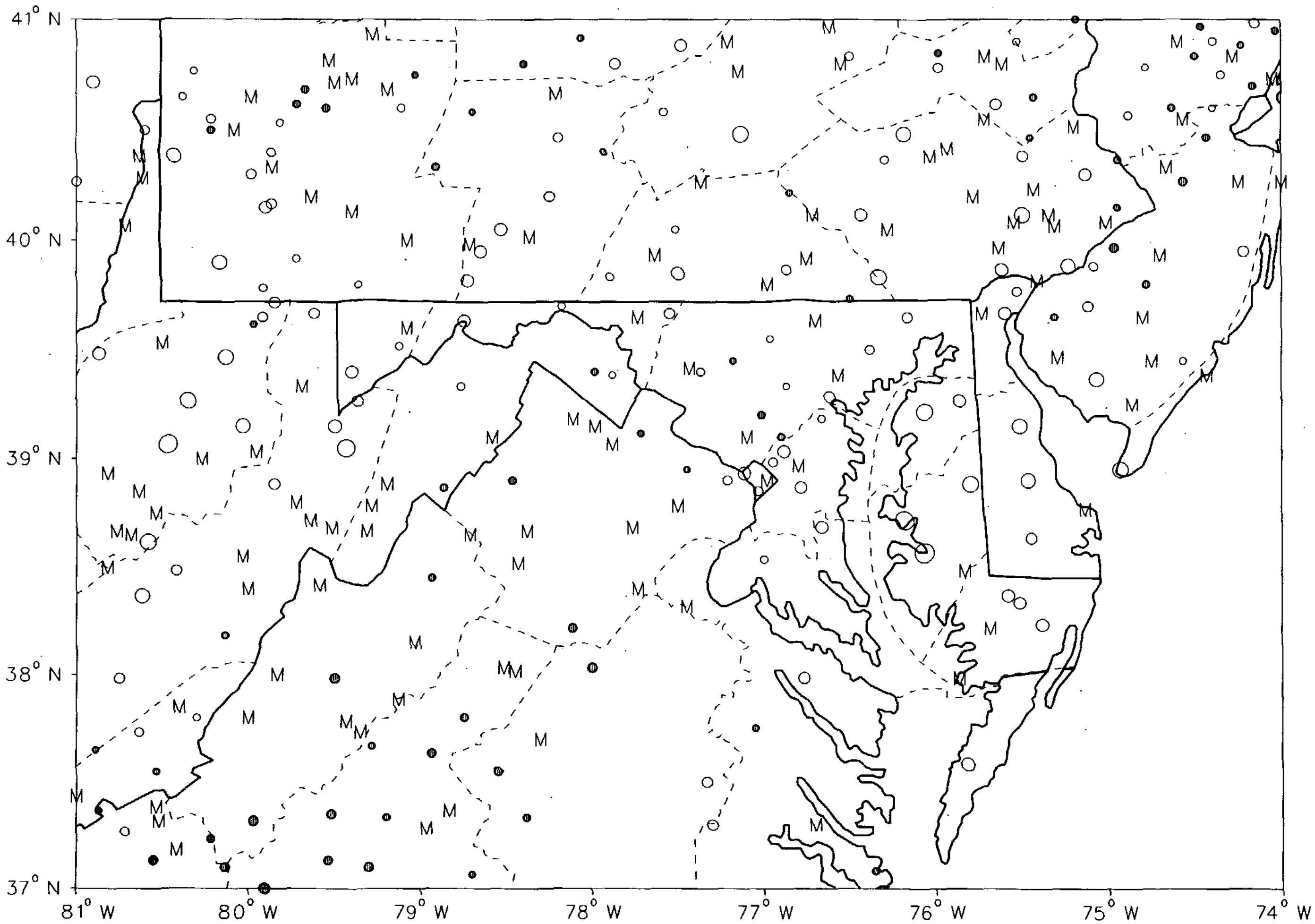
CUMULATIVE ANNUAL PRECIPITATION DEPARTURE FROM
INDIVIDUAL STATION NORMALS (1951–1980)
FOR 1987
DELAWARE

M INCOMPLETE DATA FOR THE PERIOD

▿ EXACTLY NORMAL

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

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

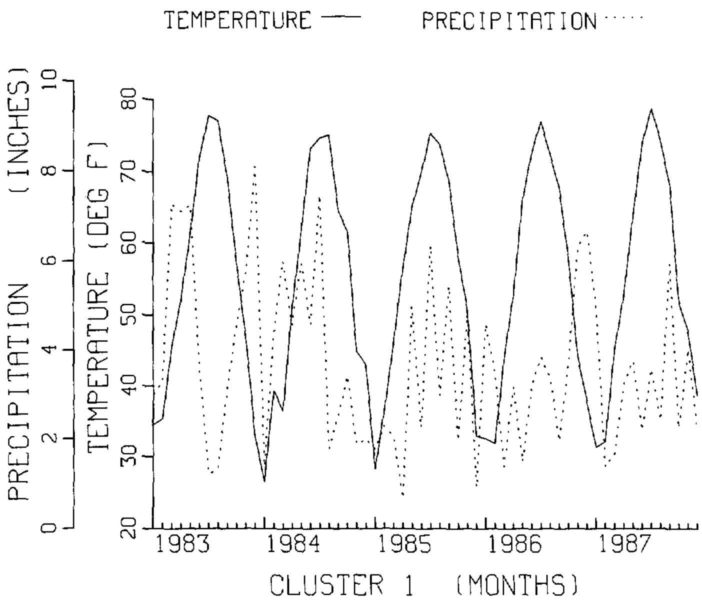


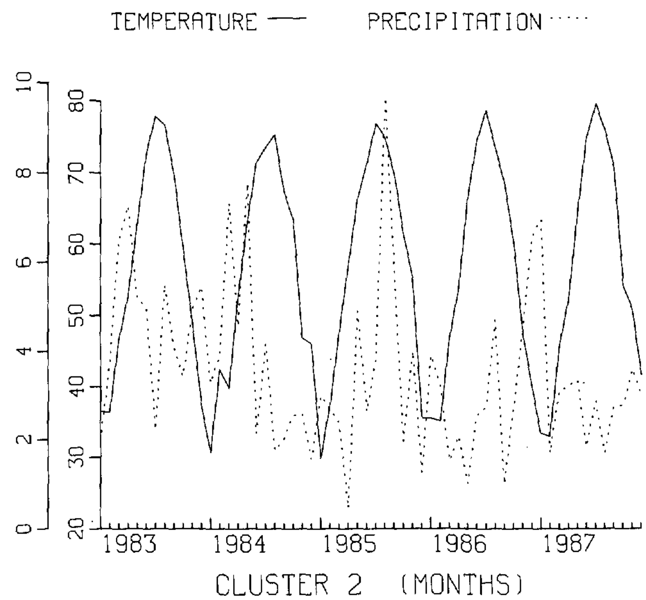
CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

MONTHLY TEMPERATURE AND PRECIPITATION FOR
THE LAST 60 MONTHS
ENDING DECEMBER 1987
DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02





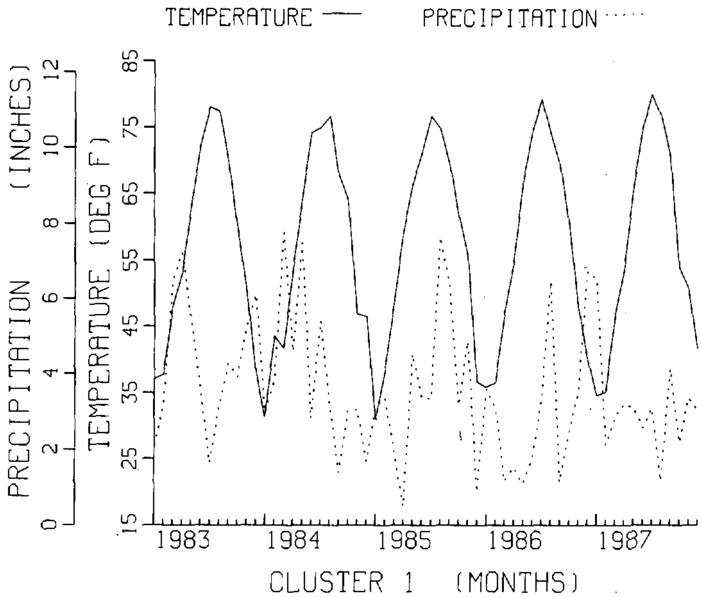
MONTHLY TEMPERATURE AND PRECIPITATION FOR THE LAST 60 MONTHS ENDING DECEMBER 1987 MARYLAND

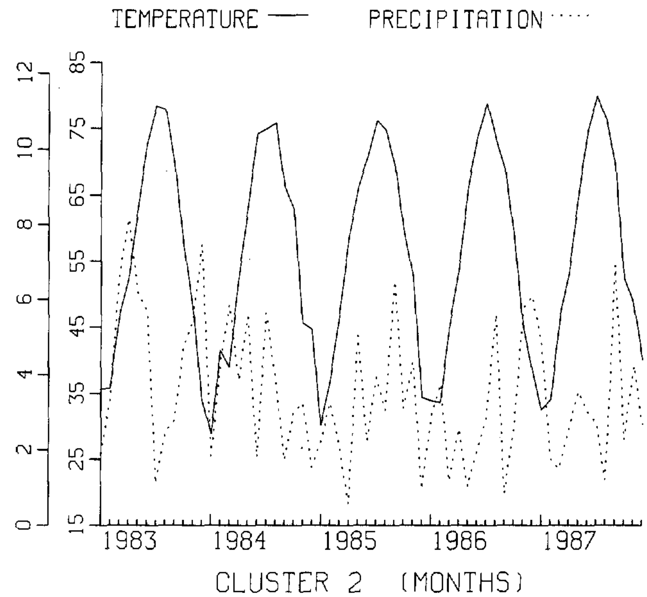
CLUSTER 1 -DIVISION(S):
SOUTHERN EASTERN SHORE 01
CENTRAL EASTERN SHORE 02
LOWER SOUTHERN 03

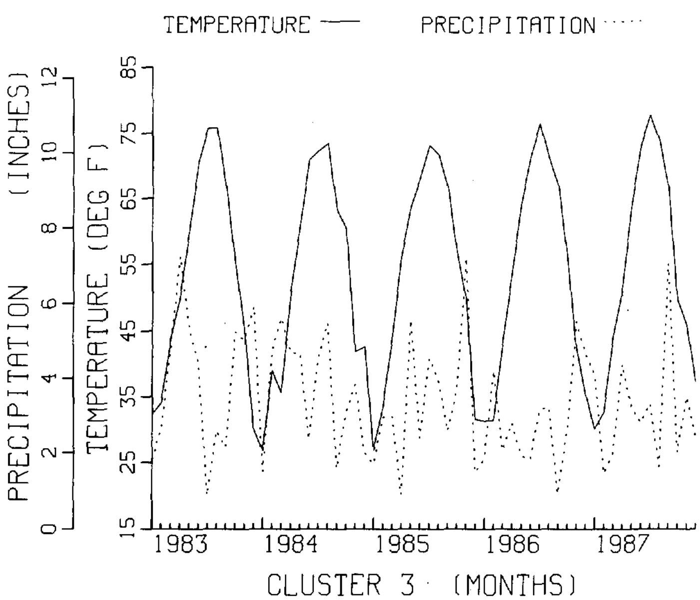
CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

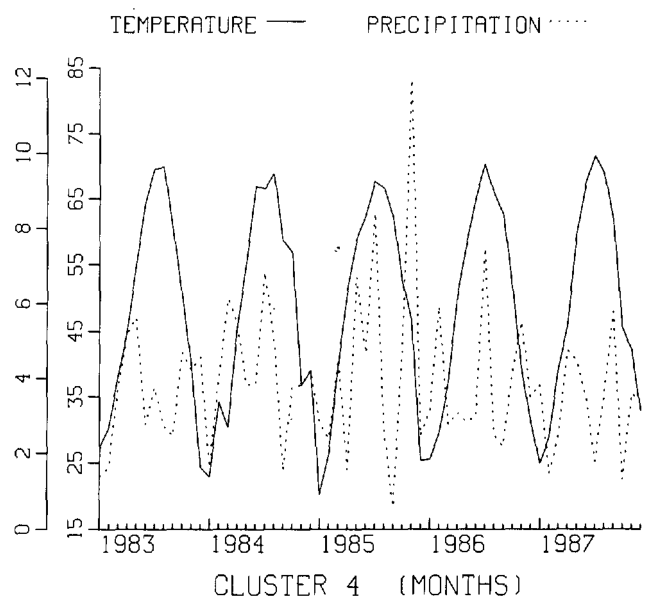
CLUSTER 3 -DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08





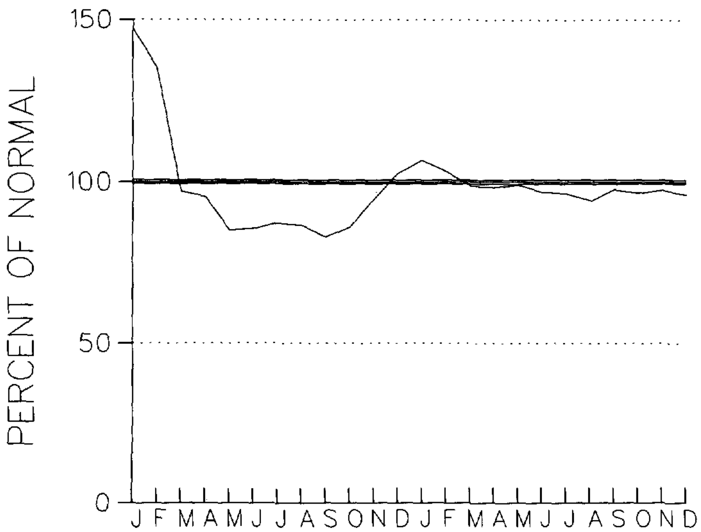




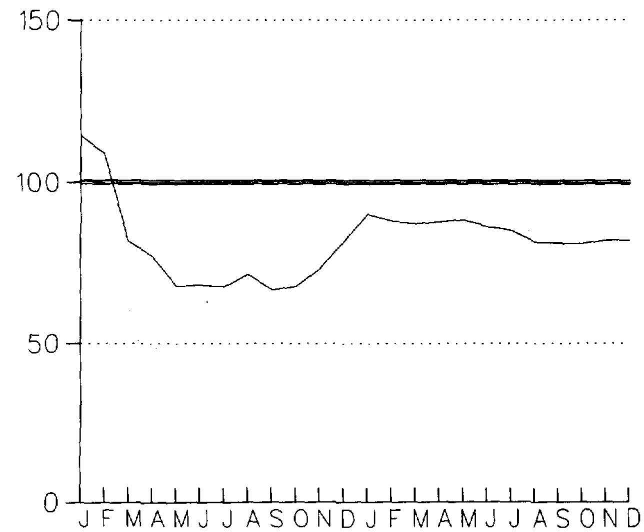
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951–1980)
FOR THE LAST 24 MONTHS
ENDING DECEMBER 1987
DELAWARE

CLUSTER 1 –DIVISION(S):
NORTHERN 01

CLUSTER 2 –DIVISION(S):
SOUTHERN 02



CLUSTER 1



CLUSTER 2

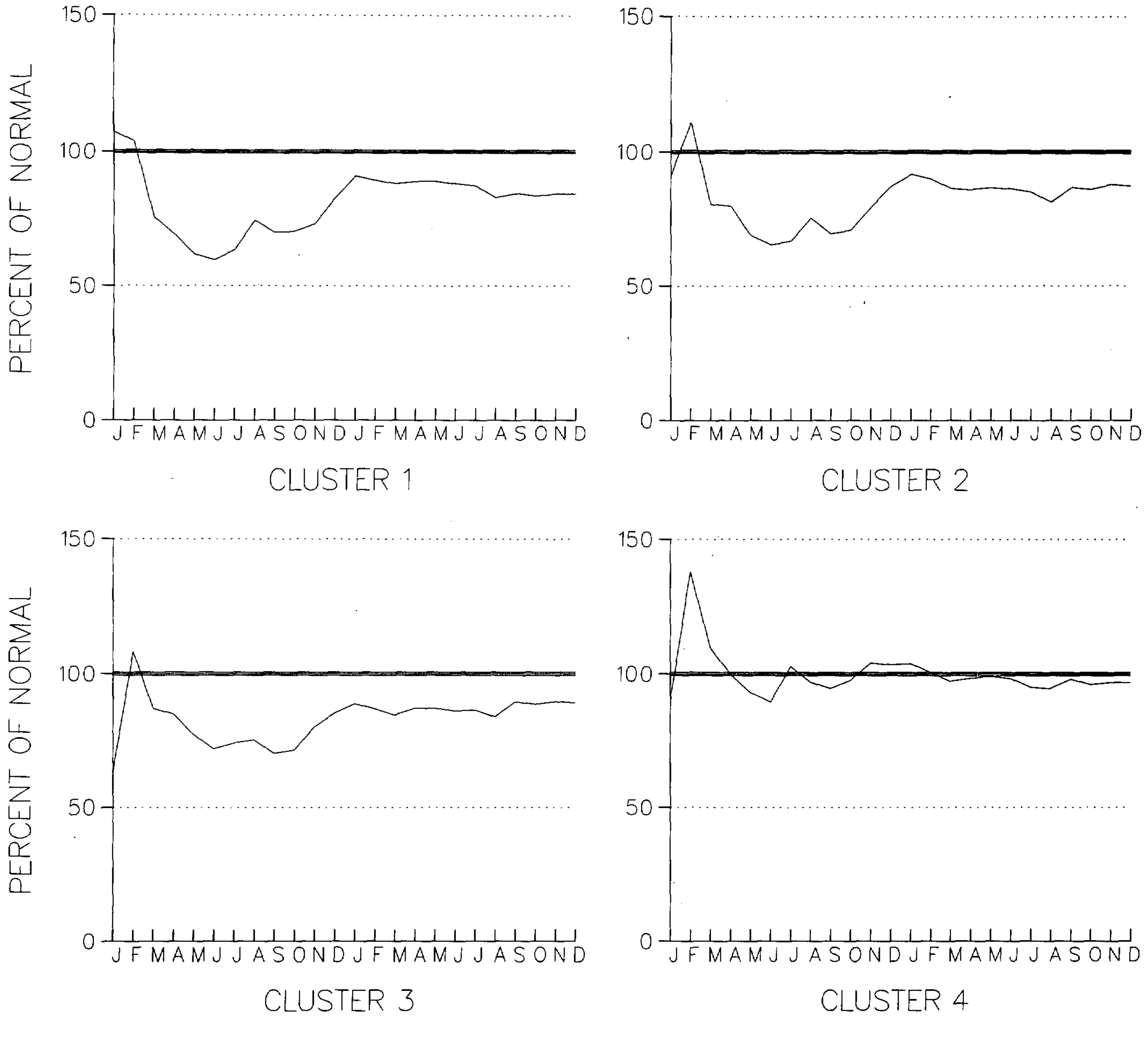
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951–1980)
FOR THE LAST 24 MONTHS
ENDING DECEMBER 1987
MARYLAND

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

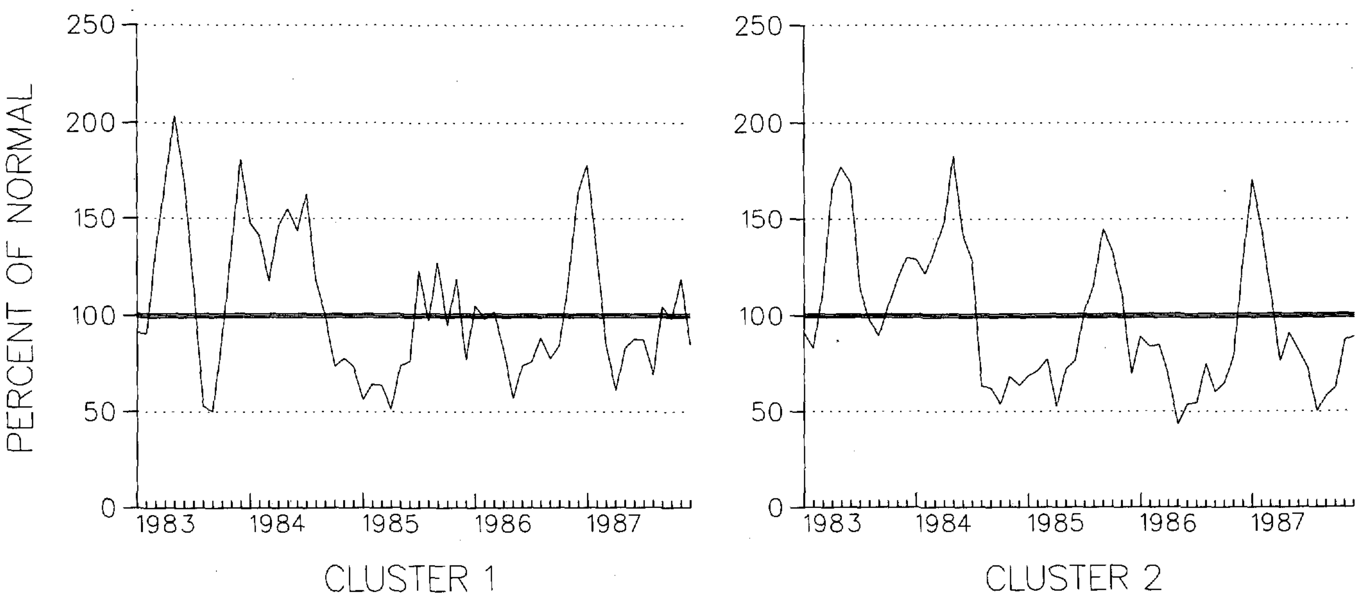
CLUSTER 4 –DIVISION(S):
ALLEGHENY PLATEAU 08



PRECIPITATION DEPARTURES FROM NORMAL (1951–1980)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1987 DATA
DELAWARE

CLUSTER 1 –DIVISION(S):
NORTHERN 01

CLUSTER 2 –DIVISION(S):
SOUTHERN 02



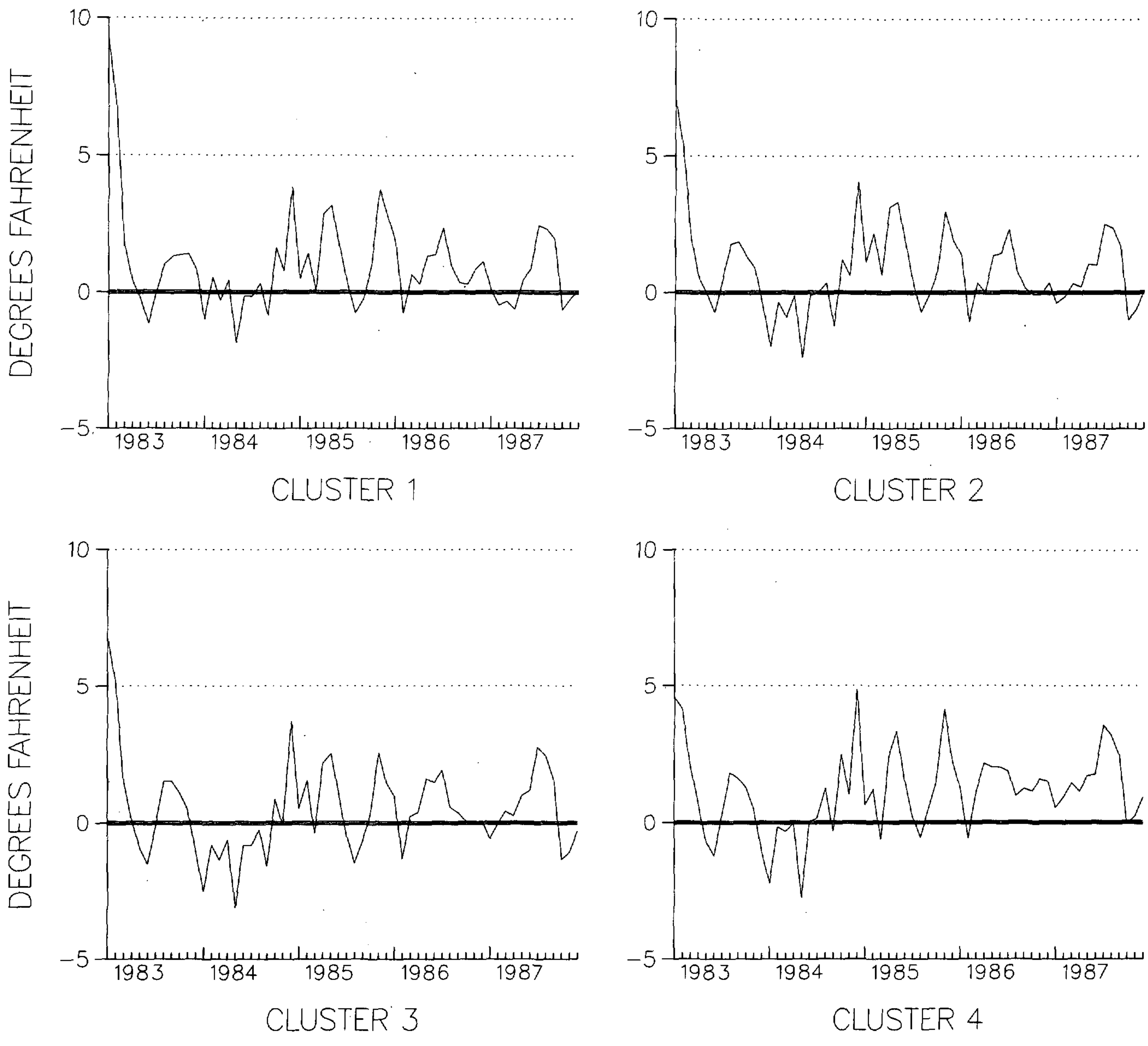
TEMPERATURE DEPARTURES FROM NORMAL (1951–1980)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1987 DATA
MARYLAND

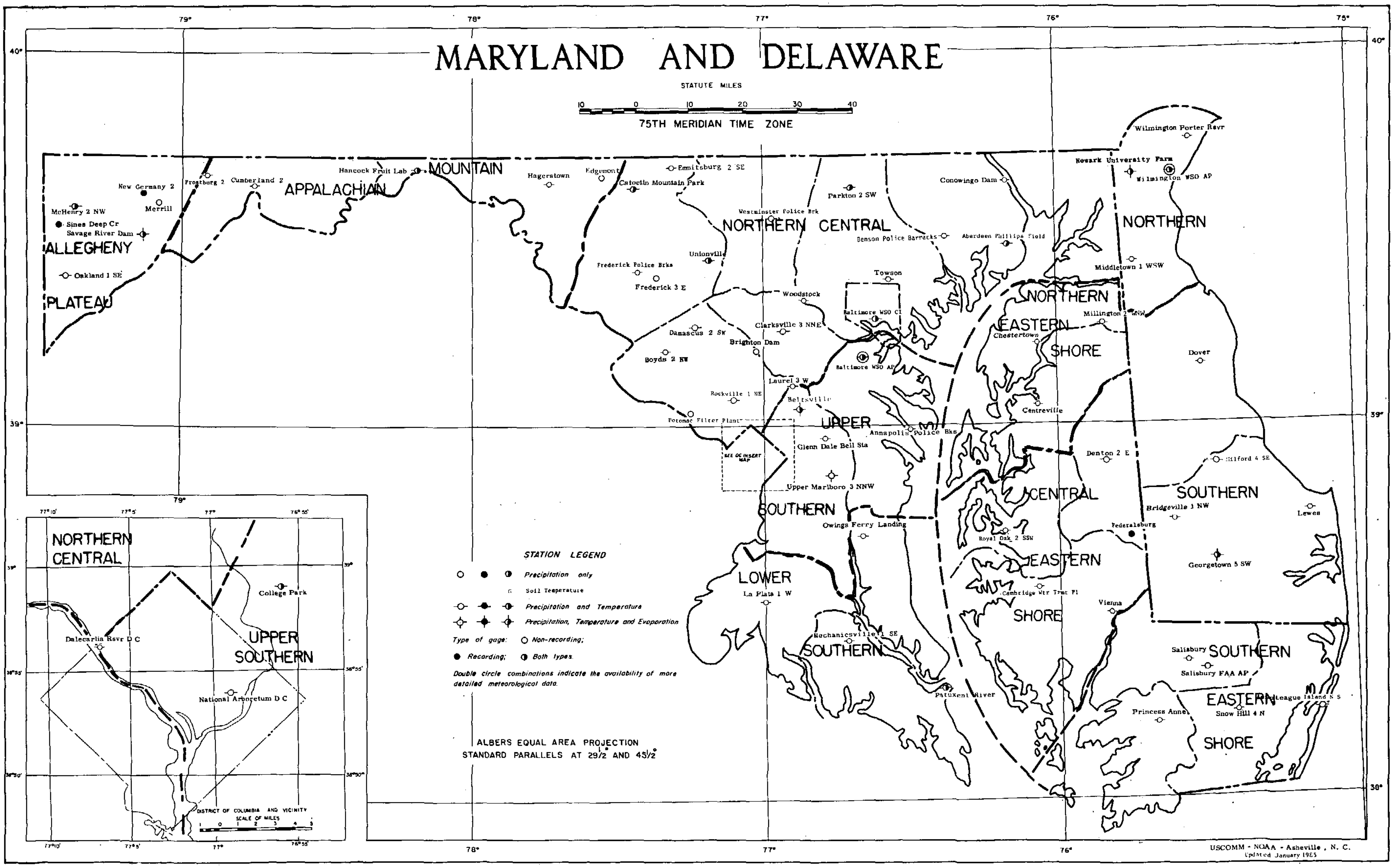
CLUSTER 1 –DIVISION(S):
SOUTHERN EASTERN SHORE 01
CENTRAL EASTERN SHORE 02
LOWER SOUTHERN 03

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





MARYLAND AND DELAWARE
STATUTE MILES
10 0 10 20 30 40
75TH MERIDIAN TIME ZONE
79° 78° 77° 76° 75°
40° 39° 38°
ALLEGHENY
PLATEAU
APPALACHIAN
MOUNTAIN
NORTHERN CENTRAL
NORTHERN
NORTHERN EASTERN SHORE
UPPER SOUTHERN
LOWER SOUTHERN
CENTRAL EASTERN SHORE
SOUTHERN
SOUTHERN EASTERN SHORE
McHenry 2 NW
Sines Deep Cr
Savage River Dam
New Germany 2
Merrill
Oakland 1 SE
Frostburg 2
Cumberland 2
Hancock Fruit Lab
Hagerstown
Edgemont
Catoctin Mountain Park
Emmitsburg 2 SE
Parkton 2 SW
Westminster Police Brk
Conowingo Dam
Wilmington Porter Rsvr
Newark University Farm
Wilmington WSO AP
Benson Police Barracks
Aberdeen Phillips Field
Middletown 1 WSW
Unionville
Frederick Police Brks
Frederick 3 E
Towson
Woodstock
Baltimore WSO CI
Clarksville 3 NNE
Damascus 2 SW
Brighton Dam
Boyds 2 NW
Baltimore WSO AP
Chestertown
Millington 2 NW
Dover
Laurel 3 W
Rockville 1 NE
Beltsville
Potomac Filter Plant
Centreville
Annapolis Police Bks
Glenn Dale Bell Sta
Upper Marlboro 3 NNW
Denton 2 E
Milford 4 SE
Bridgeville 1 NW
Lewes
Owings Ferry Landing
Royal Oak 2 SSW
Federalsburg
Georgetown 5 SW
La Plata 1 W
Cambridge Wtr Trmt Pl
Vienna
Mechanicsville 1 SE
Salisbury
Salisbury FAA AP
Patuxent River
Princess Anne
Snow Hill 4 N
Chincoteague Island N S
SEE DC INSERT MAP
STATION LEGEND
Precipitation only
Soil Temperature
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: Non-recording;
Recording; Both types.
Double circle combinations indicate the availability of more detailed meteorological data.
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
77°10' 77°5' 77° 76°55'
38°55' 38°50'
NORTHERN CENTRAL
UPPER SOUTHERN
College Park
Dalecarlia Rsvr D C
National Arboretum D C
DISTRICT OF COLUMBIA AND VICINITY
SCALE OF MILES
USCOMM - NOAA - Asheville, N. C.
Updated January 1985

CD
VALIDATED BY:

Ted Burlew
Jan Carpenter
Betty Edstrom
Bruce Emory
Joyce Morgan
Betty Shuford

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