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CLIMATOLOGICAL DATA ANNUAL SUMMARY MARYLAND AND DELAWARE 1993

VOLUME 97 NUMBER 13



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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)

MARYLAND AND
DELAWARE
1993

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 IS NATL SEA	3.95		2.31		6.31		2.90		4.52		1.74	
PRINCESS ANNE	4.75	1.34	2.05	-1.20	6.71	2.87	3.75	.48M				
SALISBURY	4.04	.28	1.97	-1.50	7.46	3.22	3.83	.53	5.28	1.78	3.14	-.51
SALISBURY FAA ARPT	4.30	.66	2.22	-1.24	6.97	2.81	4.53	1.33	5.95	2.31	2.42	-1.21
SNOW HILL 4 N	4.39	.59	1.98	-1.63	8.40	4.10	3.57	.36	5.64	2.12	2.14	-1.29
--DIVISIONAL DATA-->	4.29	.65	2.11	-1.32	7.17	3.05	3.72	.55	5.35	1.89	2.36	-1.03
CENTRAL EASTERN SHORE 02												
ROYAL OAK 2 SSW	2.69	-.88	2.93	-.37	7.80	4.00	4.03	.61	3.03	-1.20	2.84	-.77
VIENNA	3.09	-.57M	.83		6.28	2.51	3.02	-.37M	3.39		3.35	-.45
--DIVISIONAL DATA-->	2.89	-.69	2.93	-.33	7.04	3.30	3.53	.18	3.03	-.92	3.10	-.55
LOWER SOUTHERN 03												
LA PLATA 1 W	2.98	-.11	2.48	-.44	7.20	3.71	5.04	1.90	4.03	.17	3.89	.13
MECHANICSVILLE 5 NE	3.04	-.42	2.73	-.65	8.81	4.84	3.90	.49	4.16	.04	2.20	-1.86
OWINGS FERRY LANDING	2.85	-.28	2.69	-.06	7.60	4.29	4.36	1.15	2.52	-1.73	3.65	-.16
--DIVISIONAL DATA-->	2.96	-.32	2.63	-.41	7.87	4.18	4.43	1.24	3.57	-.51	3.25	-.47
UPPER SOUTHERN 04												
ANNAPOLIS POLICE BRKS	2.90	-.35M	2.63		6.24				1.46		4.28	.93
BALTIMORE WSO ARPT R	2.73	-.32	2.84	-.28	8.12	4.74M	3.68	.59M	3.66	-.06	2.56	-1.11
BELTSVILLE	3.00	.13	2.45	-.18	8.30	5.05	4.39	1.09	3.59	-.73	2.16	-1.34
COLLEGE PARK	3.13	.10	2.57	-.35	7.90	4.57	5.20	1.94	3.57	-.78	2.06	-1.64
DALECARLIA RESERVOIR	3.14	.17	2.39	-.60	7.31	3.79	4.84	1.34	4.67	-.48	2.84	-.77
GLENN DALE BELL STN	3.24	.23	2.22	-.58	7.88	4.53	3.89	.46	4.01	-.45M	1.96	
LAUREL 3 W	3.19	.31M	2.96		8.53	5.05	6.39	2.98M	1.29		1.76	-1.95
NATIONAL ARBORETUM DC	3.02	-.12	2.36	-.65	8.10	4.76	4.58	1.31	2.83	-1.34	2.16	-1.64
UPPER MARLBORO 3 NNW	2.95	-.20	2.53	-.21	8.56	5.20	4.18	.80	2.32	-1.77M		
--DIVISIONAL DATA-->	3.03	-.02	2.48	-.46	8.09	4.68	4.64	1.32	3.52	-.70	2.55	-1.15
NORTHERN EASTERN SHORE 05												
CHESTERTOWN	2.37	-.81	2.65	-.41	6.33	2.68	4.75	1.51	2.20	-1.83	2.16	-2.19
MILLINGTON 1 SE	2.71	-.49	3.45	.48M			5.38	2.05	1.74	-2.28	1.65	-2.37
--DIVISIONAL DATA-->	2.54	-.73	3.05	.01	6.33	2.78	5.07	1.79	1.97	-2.04	1.91	-2.08
NORTHERN CENTRAL 06												
ABERDEEN PHILLIPS FIEL	2.26	-.78	2.40	-.30	6.65	3.36	5.44	1.88M	2.03		3.18	-1.24
BALTIMORE CITY R	2.64	-.50	2.62	-.56	8.63	5.00	3.80	.56	2.23	-1.82	2.76	-.55
BENSON POLICE BARRACKS	2.60	-.78	2.56	-.45	9.04	5.27	5.85	1.86	3.09	-1.57	4.07	-.30
CATOCTIN MOUNTAIN PARK	2.11		3.71		6.07		7.54		1.35		3.21	
CLARKSVILLE 3 NNE	2.50		2.46				6.40		1.92		4.09	
CONOWINGO DAM M												
DAMASCUS 2 SSW							6.67		2.72		2.42	
EMMITSBURG 2 SE	1.50	-1.61	4.30	1.23	7.96	4.43	8.10	4.33	2.02	-2.33	4.04	.03
FREDERICK POLICE BRKS	2.00		2.76		6.55		6.29		2.37		3.84	
MILLERS 4 NE	2.07		3.35		7.42		6.95		2.23		4.03	
POTOMAC FILTER PLANT	2.75	.22	2.20	-.32	7.12	4.18	5.20	2.21	1.29	-2.46	2.08	-1.60
ROCKVILLE 1 NE	2.44	-.41	2.26	-.57	8.02	4.66M	5.50		2.25	-1.93M	1.87	
TOWSON M												
UNIONVILLE	1.96	-.76	3.20	.65	8.94	5.81	6.35	3.06	1.42	-2.65	3.62	-.56
WESTMINSTER POL BRKS	3.93	1.03	2.85	.26M	7.56		6.49	3.02	2.66	-1.61	6.91	3.00

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1993

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 IS NATL SEA	1.03		3.15		1.83		4.00		1.88	M	3.66	M	37.28	
PRINCESS ANNE	1.58	-2.42	4.50	-.59	4.03	.28	4.09	.84	3.12	-.02M	4.15			
SALISBURY	.87	-3.15	4.22	-.77	2.96	-.59	3.86	.63	2.62	-.45	4.76	1.23	45.01	.70
SALISBURY FAA ARPT	.92	-3.41	7.37	2.04	3.51	-.18	4.93	1.51	3.61	.46	4.91	1.23	51.64	6.31
SNOW HILL 4 N	.85	-3.25	4.99	-.38	3.97	.68	4.33	1.09	2.90	-.32	4.38	.94	47.54	3.01
--DIVISIONAL DATA----->	1.05	-3.00	4.85	-.02	3.26	-.15	4.24	1.06	2.83	-.29	4.68	1.27	45.91	2.66
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	2.02	-1.94	4.84	.61	3.27	-.37	3.10	-.05	3.09	-.33	3.54	-.18	43.18	-.87
VIENNA	.59	-3.39	3.37	-1.50	1.93	-1.74	3.23	.23	2.64	-.52M	2.68	M	34.40	
--DIVISIONAL DATA----->	1.31	-2.63	4.11	-.29	2.60	-.91	3.17	.10	2.87	-.45	3.54	-.02	40.12	-3.21
LOWER SOUTHERN 03														
LA PLATA 1 W	1.98	-1.93	3.30	-1.09	3.87	.14	2.82	-.46	4.54	1.12	3.71	.43	45.84	3.57
MECHANICSVILLE 5 NE	.66	-3.56	4.37	.31	3.50	-.25	2.66	-.77	4.25	.74	4.07	.73	44.35	-.36
OWINGS FERRY LANDING	1.23	-2.50	2.52	-1.05	5.14	1.73	3.19	.02	3.55	.15	3.46	.23	42.76	1.79
--DIVISIONAL DATA----->	1.29	-2.67	3.40	-.57	4.17	.50	2.89	-.35	4.11	.72	3.75	.42	44.32	1.76
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	1.24	-2.34	3.21	-.69	3.15	-.11	3.01	-.30	2.99	-.46	4.66	1.22		
BALTIMORE WSO ARPT	1.71	-1.98	2.55	-1.37	4.09	.68	3.02	.04	3.09	-.23	4.45	1.04	42.50	1.74
BELTSVILLE	1.11	-2.98	6.20	2.06M	4.86		2.96	-.41	5.49	2.25	5.32	1.97M	49.83	
COLLEGE PARK	1.06	-2.94	5.87	1.43	5.62	1.98	2.90	-.33	5.50	2.14M	5.31	M	50.69	
DALECARLIA RESERVOIR	3.59	-.30	4.28	-.01	4.76	1.18	2.47	-1.03	6.34	2.85M	4.44	M	51.07	
GLENN DALE BELL STN	.66	-3.50	4.74	.42	3.66	.04	3.35	-.08	5.02	1.52	4.39	1.11M	45.02	
LAUREL 3 W	3.24	-.74	3.19	-.76	5.18	1.53	3.40	-.01	6.61	2.78	6.28	2.86M	52.02	
NATIONAL ARBORETUM DC	2.73	-1.65	4.53	.14	4.91	1.31	2.95	-.33	5.39	1.99	4.32	.99	47.88	4.77
UPPER MARLBORO 3 NNW	M		2.96	-1.00	3.57	-.03								
--DIVISIONAL DATA----->	1.92	-2.09	4.17	.00	4.37	.79	3.01	-.30	5.05	1.65	4.90	1.53	47.73	5.25
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	2.88	-.82	1.80	-2.16	3.28	-.36	2.61	-.53	3.85	.46	3.70	-.07	38.58	-4.53
MILLINGTON 1 SE	2.65	-1.14	1.67	-2.40	3.66	-.09	3.38	.25	3.09	-.22M	3.31			
--DIVISIONAL DATA----->	2.77	-1.03	1.74	-2.14	3.47	-.18	3.00	-.14	3.47	.08	3.70	.01	39.02	-3.67
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	4.32	.36	1.59	-2.84	5.89	2.00M	1.80	M	2.43		4.46	.85M	42.45	
BALTIMORE CITY	2.27	-1.45	3.40	-.88	5.07	1.57	3.09	.11	3.66	.06	4.48	.73	44.65	2.27
BENSON POLICE BARRACKS	6.00	1.42	3.51	-1.20	5.28	1.33	4.81	1.55	3.86	-.13	4.94	1.09	55.61	8.09
CATOCTIN MOUNTAIN PARK	3.00		2.26		9.18		4.12		6.07	M	1.73	M		
CLARKSVILLE 3 NNE	2.01		4.25		3.65									
CONOWINGO DAM	1.42	-2.82	3.22	-1.24	7.38	3.43	5.01	1.78	3.53	-.21M	5.31			
DAMASCUS 2 SSW	1.85		5.53		4.73		2.95		5.88	M	4.72			
EMMITSBURG 2 SE	3.40	.16	3.28	-.33	7.40	3.43	3.65	.20	4.65	.96	5.09	1.82	55.39	12.32
FREDERICK POLICE BRKS	2.50		2.43		4.05		2.47		3.68		3.94		42.88	
MILLERS 4 NE	3.70		5.08		5.96		2.88		4.79		4.71		53.17	
POTOMAC FILTER PLANT	.93	-2.62	5.11	1.50	3.11	-.54	3.13	.10	5.52	2.23	4.03	1.00	42.47	3.90
ROCKVILLE 1 NE	1.67	-2.04	3.68	-.31	2.62	-.91	2.35	-.99	6.24	2.94	4.16	1.09M	43.06	
TOWSON	M		3.56	-1.06	5.27	1.27	4.76	1.14M			1.55			
UNIONVILLE	1.19	-2.17	4.09	.94	5.78	2.41	3.17	-.05	8.11	4.68	4.87	1.67	52.70	13.03
WESTMINSTER POL BRKS	2.66	-1.15	4.57	1.15	9.52	5.88	3.46	.21	4.83	1.48	6.05	2.73M	61.49	

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1993

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
WOODSTOCK	2.55	-.67	2.93	-.08	7.77	4.06	6.30	2.80	2.26	-2.21	5.02	1.15
--DIVISIONAL DATA----->	2.38	-.70	2.88	-.09	7.89	4.36	6.35	2.82	2.21	-2.16	4.00	.02
APPALACHIAN MOUNTAIN 07												
CUMBERLAND 2	1.57	-.81	2.31	.02	7.12	4.04	8.33	5.14	1.99	-1.67	2.94	
EDGEMONT	2.03	-.88	3.00	.17	9.00	5.66	7.72	4.05	1.11	-3.26	3.17	-1.09
FROSTBURG 2	2.10		3.06		8.00		7.76		2.48		3.46	
HAGERSTOWN	1.90	-.73	2.45	.05	5.55	2.43	7.37	4.01	1.28	-2.71	2.46	-1.35
HANCOCK	2.06	-.36	1.43		5.94		7.26	4.03	1.11	-2.58	2.84	-.57
--DIVISIONAL DATA----->	1.91	-.70	2.61	.06	6.89	3.58	7.68	4.24	1.72	-2.21	2.92	-.53
ALLEGHENY PLATEAU 08												
MC HENRY 2 NW	2.63		3.40		8.01		6.05		2.18		4.95	
MERRILL	1.97	-.64	2.20	-.47	5.46	1.93	7.73	4.06	1.96	-2.07	4.54	1.16
OAKLAND 1 SE	2.41	-.78	2.52	-.43	6.75	2.68	4.81	.47	2.52	-2.19	4.35	-.03
SAVAGE RIVER DAM	1.67	-.73	1.97	-.27	5.81	2.56	7.33	3.92	1.90	-2.03	3.42	.07
--DIVISIONAL DATA----->	2.24	-.94	2.63	-.32	6.86	2.90	6.06	1.99	2.20	-2.17	4.24	.16
DELAWARE												
NORTHERN 01												
NEWARK UNIVERSITY FARM	2.83	-.15	3.25	.52	7.30	4.04	5.42	1.93	1.64	-2.51	5.37	1.52
WILMINGTON WSO ARPT R	2.64	-.39	3.11	.20	7.50	4.07	5.87	2.48	3.95	.11	1.60	-1.95
WILMINGTON PORTER RSVR	3.50	.03	3.22	.17	7.84	4.03	7.15	3.14	4.99	.66	2.40	-1.66
--DIVISIONAL DATA----->	2.99	-.19	3.19	.34	7.55	4.08	6.15	2.58	3.53	-.52	3.12	-.64
SOUTHERN 02												
DOVER	2.69	-.69	2.95	.02	6.16	2.36	4.42	.92	1.80	-2.19	.95	-2.90
GEORGETOWN 5 SW	3.53	-.14	2.22	-.93	7.56	3.57	4.81	1.37	3.75	.10	4.08	.67
GREENWOOD 2 NE	3.66		2.53		6.20		3.81		2.04		3.85	
LEWES	3.38	-.38	2.96	-.34	7.32	3.21	3.54		3.62	-.14	1.63	-1.75
--DIVISIONAL DATA----->	3.32	-.32	2.67	-.51	6.81	2.87	4.35	.87	2.80	-1.08	2.63	-.86

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1993

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
WOODSTOCK	1.81	-1.64	3.85	.28	2.98	-.61	2.53	-.70	6.02	2.39	4.64	1.16	48.66	5.93
--DIVISIONAL DATA----->	2.70	-1.10	3.62	-.23	5.65	1.94	3.48	.14	5.11	1.53	4.73	1.26	51.00	7.79
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	1.89	-1.48	3.29	-.01	4.51	1.43	2.66	-.11	4.45	1.69	2.81	.20M	43.87	
EDGEMONT	2.07	-1.39	3.78	.45	7.61	3.70	3.15	-.40	4.16	.45	4.65	1.66	51.45	9.12
FROSTBURG 2	3.58		2.61		5.52		3.10		4.09		3.05		48.81	
HAGERSTOWN	1.58	-1.85M	2.61		4.13		1.73	-1.60						
HANCOCK	3.64	-.03	2.81	-.34M	5.64	2.46	2.29	-.87	5.31	2.31	4.26	1.66M	44.59	
--DIVISIONAL DATA----->	2.67	-.87	2.90	-.44	5.22	2.02	2.45	-.72	4.62	1.51	3.37	.55	44.96	6.49
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	4.52		3.86		7.16		3.18		4.58					
MERRILL	3.71	-.41	2.39	-1.18	4.38	1.39	2.44	-.45	3.69	.60	2.85	-.30	43.32	3.62
OAKLAND 1 SE	3.22	-1.90	2.02	-2.15	7.50	4.23	3.78	.59M	2.61		3.83	.09M	46.32	
SAVAGE RIVER DAM	4.13	-.08	2.01	-1.18	5.42	2.31	2.60	-.33M	3.06	.21M	2.51		41.83	
--DIVISIONAL DATA----->	3.96	-.90	2.63	-1.20	6.69	3.37	3.19	.02	3.82	.26	3.83	.15	48.35	3.32
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	2.78	-1.74	3.12	-.88	7.07	3.39	2.94	-.23	3.75	.47	4.23	.73	49.70	7.09
WILMINGTON WSO ARPT R	4.04	-.19	2.65	-.75	6.26	2.83	2.77	-.11	2.85	-.42	3.51	.03	46.75	5.91
WILMINGTON PORTER RSVR	2.93	-1.46	3.14	-.91	8.43	4.48	3.35	.05	3.34	-.46	4.52	.68	54.81	8.75
--DIVISIONAL DATA----->	3.25	-.97	2.97	-.66	7.25	3.63	3.02	-.11	3.31	-.10	4.09	.53	50.42	7.97
SOUTHERN 02														
DOVER	3.16	-.99	4.79	.54	3.69	-.65	3.62	.36	3.32	.17	4.32	.78	41.87	-2.27
GEORGETOWN 5 SW	2.11	-1.59M			3.93	.52	4.57	1.30	3.11	-.07M	4.05			
GREENWOOD 2 NE	1.12		3.35		2.83		3.64		3.70		5.71		42.44	
LEWES	1.89	-2.09	5.19	-.05	6.16	3.07	5.18	2.01	3.32	.04	4.76	1.08M	48.95	
--DIVISIONAL DATA----->	2.07	-1.82	4.44	-.34	4.15	.51	4.25	1.02	3.36	.15	4.93	1.34	45.78	1.83

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

MARYLAND AND
DELAWARE
1993

STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL		
	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	
MARYLAND																											
SOUTHERN EASTERN SHORE 01																											
ASSATEAGUE IS NATL SEA	41.1		M35.7		M40.9		50.3		62.3		71.6		79.4		76.0		71.3		59.8		51.0		39.6		M56.6		
PRINCESS ANNE	40.9	5.9	35.0	-2.3	43.0	-2.8	54.2	.2		M		79.3	2.9	74.3	-.9	67.9	-.8	54.9	-2.9	47.2	-1.8	34.7	-5.1	M			
SALISBURY	41.8	5.9	35.7	-2.4	44.1	-2.6	55.3	.2	66.6	1.9	73.9	1.1	81.3	4.4	77.2	1.3	71.5	1.8	59.0	-.1	50.4	-.3	38.6	-1.8	58.0	.8	
SALISBURY FAA ARPT	39.5	5.1	33.3	-3.3	41.7	-3.4	53.4	-.3	64.4	1.2	72.6	.7	80.5	3.8	76.5	1.2	69.6	1.0	55.7	-1.8	48.2	-.4	M36.5	-2.7	M56.0	.1	
SNOW HILL 4 N	41.3	6.1	34.8	-2.5	43.1	-2.5	53.6	-.3	66.0	2.5	72.7	.8	79.5	3.7	76.2	1.5	71.0	2.3	57.7	-2.2	49.5	-.4	37.9	-1.9	56.9	.8	
--DIVISIONAL DATA----->	40.9	5.6	34.9	-2.5	42.6	-3.0	53.4	-.8	64.8	1.1	72.7	.5	80.0	3.4	76.0	.3	70.3	.8	57.4	-1.3	49.3	-.3	37.5	-2.6	56.7	.1	
CENTRAL EASTERN SHORE 02																											
ROYAL OAK 2 SSW	40.3	6.2	34.8	-1.7	42.6	-3.1	54.4	-.5	66.1	1.2	74.0	.5	81.2	3.7	77.6	1.4	70.7	.9	58.4	-.7	48.8	-.6	37.7	-1.4	57.2	.5	
VIENNA	M40.8	5.9	34.7	-2.7	41.9	-4.6	M54.6	-.8	M		74.2	.6	81.9	4.1	78.0	1.7	71.2	1.3	58.0	-1.0	48.4	-1.0	37.5	-2.2	M		
--DIVISIONAL DATA----->	40.6	6.4	34.8	-1.9	42.3	-3.5	54.5	-.3	66.1	1.4	74.1	.8	81.6	4.2	77.8	1.7	71.0	1.4	58.2	-.6	48.6	-.6	37.6	-1.6	57.3	.6	
LOWER SOUTHERN 03																											
LA PLATA 1 W	39.6	5.8	35.2	-1.8	42.9	-3.3	55.4	.4	65.4	1.5	71.1	-.5	77.8	2.2	75.7	1.1	69.8	1.4	56.8	-.8	48.3	.0	36.5	-1.8	56.2	.4	
MECHANICSVILLE 5 NE	38.9	5.6	34.4	-1.9	41.6	-4.1	53.7	-.7	64.9	1.0	71.6	-.3	78.8	2.6	75.2	.6	68.7	.8	55.1	-1.7	47.4	-.2	35.9	-2.3	55.5	-.1	
OWINGS FERRY LANDING	38.4	4.9	33.8	-2.4	41.2	-4.3	54.1	-.5	65.1	.7	71.7	-.6	79.3	3.2	76.0	1.1	70.1	1.4	56.7	-.9	47.1	-1.2	35.6	-2.4	55.8	-.1	
--DIVISIONAL DATA----->	39.0	5.0	34.5	-2.3	41.9	-4.0	54.4	-.5	65.1	.7	71.5	-1.0	78.6	2.0	75.6	.2	69.5	.5	56.2	-1.7	47.6	-1.0	36.0	-2.8	55.8	-.3	
UPPER SOUTHERN 04																											
ANNAPOLIS POLICE BRKS	39.7	6.1	34.8	-1.3	40.8	-4.4	M		M66.9	2.3	74.8	1.3	82.6	5.0	78.3	2.0	71.3	1.3	57.6	-.8	47.9	-.2	36.7	-1.7	M		
BALTIMORE WSO ARPT	R 37.9	6.1	31.4	-3.4	39.4	-4.7	52.5	-.9	65.0	1.6	72.2	-.3	80.2	3.2	76.7	1.1	68.8	.3	55.5	-1.1	46.5	-.3	36.2	-.5	55.2	.1	
BELTSVILLE	37.4	6.9	32.3	-1.0	38.9	-4.0	51.9	-.3	65.2	3.2	72.0	1.0	79.4	3.8	M76.9	2.7	68.6	1.4	54.7	-.4	45.5	-.4	34.9	-.9	M54.8	1.0	
COLLEGE PARK	38.7	6.2	34.0	-1.3	41.1	-3.8	54.4	.4	67.3	3.1	M73.7	.8	82.4	5.0	78.4	2.4	71.0	2.1	57.2	.0	47.3	-.1	37.2	-.1	M56.9	1.2	
DALECARLIA RESERVOIR	M		33.7	-2.4	41.9	-3.7	M		65.4	.6	73.2	.1	80.9	3.7	77.4	1.6	69.4	.3	55.7	-1.7	46.0	-1.4	36.0	-1.4	M		
GLENN DALE BELL STN	35.5	3.0	32.0	-3.5	38.4	-6.3	50.9	-2.7	63.5	.3	69.7	-1.6	77.6	2.1	76.6	2.4	69.7	2.0	56.9	.5	46.5	-.5	35.7	-1.3	54.4	-.5	
LAUREL 3 W	36.6	4.6	31.1	-3.6	39.2	-5.2	52.6	-1.4	65.9	2.1	72.4	.1	79.5	2.5	77.0	1.2	67.8	-.9	54.5	-2.8	45.7	-1.6	34.9	-1.7	54.8	-.6	
NATIONAL ARBORETUM DC	38.1	5.5	33.6	-1.6	40.8	-4.0	54.2	.2	67.2	3.2	73.6	.9	81.4	4.4	78.0	2.3	69.9	1.3	56.0	-1.1	M46.9	-.3	36.8	-.6	M56.4	.9	
UPPER MARLBORO 3 NNW	37.4	6.2	33.1	-.8	39.6	-4.0	52.7	-.3	64.9	2.3	M		M		76.3	2.6	69.2	2.3									
--DIVISIONAL DATA----->	37.7	5.3	32.9	-2.3	40.0	-4.6	52.7	-1.2	65.7	2.0	72.7	.4	80.5	3.9	77.3	2.0	69.5	1.0	56.0	-.8	46.5	-.7	36.1	-1.0	55.6	.3	
NORTHERN EASTERN SHORE 05																											
CHESTERTOWN	37.4	5.3	32.3	-2.4	40.6	-3.3	54.0	.6	66.1	2.5	73.6	1.1	79.9	3.1	77.4	1.8	69.5	.6	56.0	-1.5	46.8	-.6	35.4	-1.6	55.8	.5	
MILLINGTON 1 SE	38.5	7.3	32.5	-1.4	M		53.5	1.1	64.1	1.5	71.7	.6	78.4	2.9	76.7	2.4	69.1	1.5	56.7	.5	47.0	.4	35.9	-.3	M		
--DIVISIONAL DATA----->	38.0	5.8	32.4	-2.5	40.6	-3.6	53.8	.4	65.1	1.6	72.7	.5	79.2	2.7	77.1	1.9	69.3	.7	56.4	-.9	46.9	-.6	35.7	-1.3	55.6	.4	
NORTHERN CENTRAL 06																											
ABERDEEN PHILLIPS FIEL	M		M33.7	-1.4	41.0	-3.3	53.8	.0	M		72.2	.2	M		M77.3	2.3	M70.1	1.5	M		M		M		M		
BALTIMORE CITY	R 40.3	5.4	32.3	-5.0	41.6	-5.0	53.3	-3.3	68.8	2.0	76.0	.0	84.3	3.9	80.2	1.5	71.3	-.3	57.9	-2.1	48.6	-1.0	37.5	-1.8	57.7	-.5	
BENSON POLICE BARRACKS	39.0	8.2	33.3	-.5	41.6	-1.7	55.2	2.3	67.5	4.4	73.3	1.9	80.7	5.1	78.0	3.8	70.2	2.4	57.9	1.4	48.0	1.8	36.5	.8	56.8	2.5	
CATOCTIN MOUNTAIN PARK	33.0		27.3		35.7		51.6		63.4		68.5		74.5		72.4		63.8		52.8		44.0		31.5		51.5		
CLARKSVILLE 3 NNE	37.1		31.3		M		51.8		63.4		70.2		76.8		73.2		68.1										
CONOWINGO DAM	M		M		M		M		M		M		82.7	7.6	79.4	5.4	69.8	2.8	57.1	2.0	47.2	2.7	36.5	2.2	M		
DAMASCUS 2 SSW							51.1		62.1		69.5		76.4		73.8		66.0		52.9		43.9		32.5		M		
EMMITSBURG 2 SE	35.6	6.5	29.5	-2.5	37.3	-4.7	51.7	.2	63.6	2.2	69.7	-.1	76.1	2.0	73.2	.5	63.6	-2.0	50.5	-3.8	41.1	-3.2	31.1	-3.1	51.9	-.7	
FREDERICK POLICE BRKS	M		32.7		40.6		54.2		67.2		73.3		80.9		77.8		69.2		56.3		47.2		36.3		M		
MILLERS 4 NE	35.3		29.3		37.1		51.4		63.1		69.5		76.2		73.5		65.5		53.7		44.8		33.3		52.7		
ROCKVILLE 1 NE	37.2	6.5	31.7	-1.4	39.7	-3.7	53.0	.6	64.9	2.9	72.0	1.6	79.9	5.2	75.9	2.9	67.5	1.8	54.4	-.5	46.0	1.1	35.5	.4	54.8	1.5	
TOWSON	M		M		M		M		M		M		M		M		M74.5	5.7	M59.1	1.8	M		M39.2	2.3	M		
UNIONVILLE	35.7	8.5	30.1	-.4	37.4	-2.8	51.5	2.7	63.0	3.2	70.5	2.0	77.0	4.0	74.7	3.5	66.7	2.9	53.2	.6			31.0	-1.5	M		
WESTMINSTER POL BRKS	36.8	7.3	30.4	-1.9	39.0	-2.9	53.5	1.6	65.5	3.6	72.1	1.7	78.3	3.7	75.1	2.0	66.8	.5	54.8	-.3	45.6	.5	34.3	-.2	54.4	1.3	
WOODSTOCK	37.0	6.2	31.2	-2.4	39.5	-3.6	53.0	.4	65.2	2.5	71.4	.5	78.4	3.0	75.6	1.6	68.2	1.1	54.5	-.9	45.3	-.4	34.5	-1.2	54.5	.6	
--DIVISIONAL DATA----->	36.7	5.9	31.1	-2.4	39.1	-3.9	52.7	.1	64.8	2.2	71.4	.4	78.6	3.4	75.7	1.9	68.1	1.0	55.0	-.7	45.6	-.2	34.6	-.8	54.5	.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

MARYLAND AND
DELAWARE
1993

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
APPALACHIAN MOUNTAIN 07																										
CUMBERLAND 2	35.5	5.2	31.3	-2.1	39.0	-4.2	52.9	-.7	64.3	1.2	70.5	-.5	77.9	2.8	75.8	1.9	65.8	-.9	53.2	-1.6	44.0	-.6	32.9	-1.7	53.6	-.1
FROSTBURG 2	29.9		24.9		31.6		45.8		58.7		64.6		71.1		69.2		60.7		48.7		40.2		28.2		47.8	
HAGERSTOWN	34.8	6.1	29.3	-1.8	36.6	-5.4	50.7	-1.1	64.5	2.0	71.0	.3	78.2	3.3	75.5	2.1	65.0	-1.3	52.9	-2.0						
HANCOCK	34.9	6.6	30.1	-.5	37.2	-3.5	50.9	.5	62.7	2.5	69.9	1.4	75.4	2.4	74.5	2.9	66.0	1.5	51.3	-1.5	43.5	.1	33.6	.3	52.5	1.1
--DIVISIONAL DATA----->	33.8	4.8	28.9	-2.9	36.1	-5.4	50.1	-1.4	62.6	1.4	69.0	-.2	75.7	2.5	73.8	1.9	64.4	-.8	51.5	-2.3	42.6	-1.4	31.6	-2.0	51.7	-.4
ALLEGHENY PLATEAU 08																										
MC HENRY 2 NW	30.1		23.6		31.8		45.7		58.6		64.2		70.8		69.5		60.4		48.8		39.3					
OAKLAND 1 SE	32.7	7.1	26.4	-1.4	33.4	-4.1	48.0	1.3	57.5	1.2	64.3	.5	70.6	2.9	68.6	2.0	61.1	.7	49.4	-.2	40.4	.3	29.7	-.6	48.5	.8
SAVAGE RIVER DAM	32.2	6.7	27.1	-.7	33.1	-4.4	47.1	-.6	59.3	1.7	65.7	.4	72.5	3.1	70.7	2.4	62.3	.5	49.2	-1.1	41.3	.5	30.6	.3	49.3	.7
--DIVISIONAL DATA----->	31.7	6.9	25.7	-1.4	32.8	-4.0	46.9	.1	58.5	1.9	64.7	.5	71.3	3.3	69.6	2.7	61.3	.7	49.1	-.4	40.3	.3	30.2	.6	48.5	.9
DELAWARE																										
NORTHERN 01																										
NEWARK UNIVERSITY FARM	37.7	6.4	31.2	-2.9	39.5	-3.7	52.1	-.5	65.0	1.9	71.7	.0	78.1	2.1	76.1	1.5	68.3	.3	55.2	-1.3	46.8	.1	35.4	-.7	54.8	.3
WILMINGTON WSO ARPT	37.6	7.0	31.0	-2.4	39.0	-3.7	52.8	-.6	65.3	2.8	72.8	1.3	79.4	3.0	77.8	2.8	68.7	.7	55.7	-.5	47.4	1.1	36.4	.6	55.3	1.1
WILMINGTON PORTER RSVR	36.9	6.8	30.4	-2.3	38.7	-3.1	52.3	.8	64.8	2.9	71.9	1.1	78.3	3.1	76.3	2.5	67.1	.3	54.9	-.7	46.8	1.1	35.8	.5	54.5	1.1
--DIVISIONAL DATA----->	37.4	6.6	30.9	-2.6	39.1	-3.6	52.4	.2	65.0	2.4	72.1	.6	78.6	2.7	76.7	2.2	68.0	.3	55.3	-.9	47.0	.7	35.9	.0	54.9	.7
SOUTHERN 02																										
DOVER	39.5	5.7	34.2	-2.2	40.9	-4.1	53.2	-.9	64.4	.2	72.6	-.2	79.6	2.4	76.2	.3	69.7	.1	57.5	-1.1	48.4	-.6	37.1	-1.7	56.1	-.2
GEORGETOWN 5 SW	39.8	7.1	34.4	-.3	40.8	-2.8	51.7	-.6	64.2	1.9	71.6	.4	79.1	3.3	75.3		69.7	2.1	55.3	-1.3	46.7	-.5	36.2	-1.4	55.0	
GREENWOOD 2 NE	38.0		31.9		40.2		52.8		63.9		71.3		78.7				68.6		56.0		47.0					
LEWES	41.4	6.9	34.5	-2.1	41.4	-3.2	53.1	-.2	65.6	2.7	73.1	1.5	79.9	4.0	76.6	1.7	70.8	1.6	59.2	.8	49.8	.3	39.0	-.7	57.0	1.1
--DIVISIONAL DATA----->	39.7	6.0	33.8	-2.1	40.8	-3.8	52.7	-.7	64.5	1.2	72.2	.1	79.3	2.9	76.0	.9	69.7	1.0	57.0	-.7	48.0	-.5	37.1	-1.5	55.9	.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND
DELAWARE
1993

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.					
MARYLAND																													
SOUTHERN EASTERN SHORE 01																													
ASSATEAGUE IS NATL SEA	97	7/11	11	12/31	2/19	14	2/20	20	3/18	23	3/19	28	3/21	32	11/ 7	30	12/12	25	12/30	21	12/31	11	12/31	11	1315	1314	2872	2682	231
PRINCESS ANNE			-4	12/31	2/28	9	3/19	20	3/19	20	3/21	28	MSG		10/ 1	28	10/ 1	28	10/24	24	11/ 8	20	12/28	15	303	234	2191	194	
SALISBURY	100	7/10	8	12/31	2/20	16	3/15	18	3/19	21	3/20	27	3/22	32	11/ 4	32	11/ 8	28	12/12	24	12/31	8	12/31	8	314	291	2682	233	227
SALISBURY FAA ARPT	102	7/10	-1	12/31	2/28	14	3/15	18	3/19	21	3/22	28	4/ 5	32	10/24	30	11/ 8	25	11/21	23	12/30	7	12/30	7	305	290	2472	231	202
SNOW HILL 4 N	102	7/10	2	12/31	2/28	8	3/19	19	3/19	19	3/22	28	4/28	32	10/24	29	11/ 2	27	11/ 8	24	12/30	19	12/31	19	2306	286	234	225	179
CENTRAL EASTERN SHORE 02																													
ROYAL OAK 2 SSW	99	7/10	9	12/31	2/19	13	3/19	19	3/19	19	3/20	28	3/20	28	11/ 8	28	11/ 8	28	12/24	23	12/26	20	12/31	9	315	282	280	233	233
VIENNA	101	7/10	12	2/19	3/19	14	3/22	19	3/27	24	3/27	24	4/29	30	11/ 4	31	11/ 8	27	12/12	24	12/27	19	NONE						
LOWER SOUTHERN 03																													
LA PLATA 1 W	93	7/28	5	12/31	3/15	10	3/19	17	3/19	17	3/19	17	4/ 8	31	11/ 2	29	11/ 8	26	12/11	19	12/11	19	12/30	16	290	267	267	234	208
MECHANICSVILLE 5 NE	98	7/10	1	12/31	3/19	15	3/19	15	3/19	15	3/20	28	4/28	32	10/24	32	11/ 2	28	11/21	23	12/26	20	12/31	16	287	282	247	227	179
OWINGS FERRY LANDING	98	7/ 8	0	12/31	3/19	14	3/19	14	3/19	14	3/20	27	4/ 8	30	11/ 2	29	11/ 8	25	11/21	24	12/24	20	12/26	16	282	280	247	233	208
UPPER SOUTHERN 04																													
ANNAPOLIS POLICE BRKS	101	7/10	10	2/19	MSG		MSG		MSG		MSG		MSG		11/ 2	30	11/ 8	28	12/12	22	12/26	17	12/31	14					
BALTIMORE WSO ARPT	R100	7/ 9	9	12/31	3/19	16	3/19	16	3/19	16	3/20	28	4/ 8	32	11/ 2	30	11/ 8	28	12/12	24	12/26	18	12/30	15	286	282	268	233	208
BELTSVILLE	99	7/29	3	12/31	3/19	13	3/20	19	3/20	19	3/20	19	4/23	32	10/24	32	11/ 2	28	11/21	22	12/24	20	12/26	16	282	279	246	227	184
COLLEGE PARK	101	7/10	6	12/31	3/19	14	3/19	14	3/19	14	3/20	28	4/ 7	32	11/ 2	32	11/ 8	27	12/12	22	12/26	18	12/31	6	287	282	268	233	209
DALECARLIA RESERVOIR	99	7/29			MSG		MSG		MSG		MSG		5/21	32	10/10	31	10/13	28	10/24	23	11/ 8	14	11/ 8	14					
GLENN DALE BELL STN	98	8/25	2	3/18	3/19	10	3/19	10	4/ 8	24	4/28	28	4/29	32	10/ 1	31	11/ 2	26	11/ 8	22	11/21	19	12/26	15	282	247	214	188	155
LAUREL 3 W	100	7/ 9	4	2/19	3/18	16	3/18	16	3/19	23	3/19	23	4/28	32	10/11	30	11/ 2	27	11/21	24	12/11	19	12/26	11	283	268	247	228	166
NATIONAL ARBORETUM DC	101	7/29	9	12/31	3/19	16	3/20	18	3/20	18	3/20	18	3/21	31	11/ 2	31	11/ 8	26	12/13	24	12/26	18	12/31	9	287	281	268	233	226
UPPER MARLBORO 3 NNW					3/19	15	3/20	19	3/20	19	3/20	19	4/ 8	31	MSG		MSG		MSG		MSG		MSG						
NORTHERN EASTERN SHORE 05																													
CHESTERTOWN	99	7/10	8	12/31	3/19	16	3/19	16	3/19	16	3/20	27	4/ 4	32	11/ 4	31	11/ 8	26	11/26	24	12/24	19	12/26	16	282	280	252	233	214
MILLINGTON 1 SE	98	7/10	6	2/ 7	MSG		MSG		MSG		MSG		4/ 8	30	11/ 2	32	11/ 8	25	11/21	22	12/24	19	12/31	7					
NORTHERN CENTRAL 06																													
ABERDEEN PHILLIPS FIEL	R104	7/28	10	2/19	3/19	14	3/19	14	3/19	14	3/20	28	MSG		MSG		MSG		MSG		MSG		MSG						
BALTIMORE CITY					3/19	16	3/19	16	3/19	16	3/20	28	3/20	28	11/21	31	11/26	28	12/11	22	12/12	20	12/27	16	283	268	267	251	246
BENSON POLICE BARRACKS	99	7/10	6	2/ 7	3/19	12	3/19	12	3/19	12	3/20	26	4/ 7	32	11/ 2	31	11/ 8	27	12/12	20	12/12	20	12/26	11	282	268	268	233	209
CATOCTIN MOUNTAIN PARK	91	7/28	-2	2/19	3/19	5	3/20	20	3/20	20	4/ 6	28	4/27	29	11/ 1	31	11/ 8	25	11/26	24	12/12	15	12/12	15	268	267	251	216	188
CLARKSVILLE 3 NNE					MSG		MSG		4/ 7	23	4/ 8	27	4/28	29	MSG		MSG		MSG		MSG		MSG						
CONOWINGO DAM					MSG		MSG		MSG		MSG		MSG		11/ 7	30	11/21	28	11/26	22	12/24	20	12/27	15					
DAMASCUS 2 SSW	96	7/28			MSG		MSG		MSG		MSG		4/ 7	25	4/28	31	10/ 1	30	11/ 4	27	11/ 7	24	12/12	19	12/26	13			
EMMITTSBURG 2 SE	95	8/30	0	2/28	3/19	5	3/19	5	3/20	22	4/ 7	28	4/28	31	10/ 1	28	10/ 1	28	11/ 8	18	11/ 8	18	12/25	16	281	234	233	177	156
FREDERICK POLICE BRKS	100	7/28			3/19	13	3/19	13	3/19	13	3/20	26	3/26	31	11/ 7	30	11/ 8	25	12/12	21	12/26	15	12/26	15	282	282	268	233	226
MILLERS 4 NE	93	8/28	2	2/19	3/19	9	3/19	9	3/20	24	3/20	24	4/ 7	31	10/ 1	32	11/ 8	23	11/ 8	23	11/26	18	12/26	13	282	252	233	233	177
ROCKVILLE 1 NE	99	7/ 7	6	12/31	3/19	12	3/19	12	3/19	12	3/20	28	3/20	28	11/ 2	31	11/ 8	28	11/21	24	12/26	15	12/26	15	282	282	247	233	227
TOWSON					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
UNIONVILLE	98	7/28	0	12/29	3/19	2	3/19	2	3/20	22	4/ 8	28	4/28	29	10/ 1	29	10/11	27	MSG		MSG		MSG						
WESTMINSTER POL BRKS	97	7/28	6	2/ 3	3/19	10	3/19	10	3/20	24	3/20	24	4/18	32	10/11	32	11/ 8	26	11/21	24	12/12	18	12/26	12	282	268	246	233	176
WOODSTOCK	98	7/28	4	12/31	3/19	7	3/19	7	3/19	7	4/ 7	28	4/28	32	10/ 1	31	11/ 4	27	11/ 8	23	11/21	20	12/26	13	282	247	234	211	156
APPALACHIAN MOUNTAIN 07																													
CUMBERLAND 2	99	7/28	6	2/19	3/19	11	3/19	11	3/20	24	3/20	24	4/ 7	31	9/30	31	10/10	28	11/ 7	23	12/11	19	12/25	12	281	267	232	204	176
FROSTBURG 2	89	9/ 1	-2	2/20	3/20	8	3/20	8	3/21	22	4/28	28	4/28	28	10/ 1	30	11/ 2	25	11/ 8	23	12/12	12	12/12	12	267	267	232	188	156
HAGERSTOWN					3/20	9	3/20	9	3/20	9	4/ 4	28	4/27	31	10/11	30	MSG		MSG		MSG		MSG						
HANCOCK	98	8/28	-3	3/15	3/20	4	3/20	4	3/20	4	4/ 7	28	4/28	32	10/ 2	31	10/11	28	11/ 8	20	11/ 8	20	12/26	13	281	233	233	187	157

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND
DELAWARE
1993

TEMPERATURE EXTREMES AND FREEZE DATA (° F)																												1993	
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.					
ALLEGHENY PLATEAU 08					3/20	8	3/20	8	4/ 4	24	4/28	27	4/28	27	10/ 1	32	11/ 1	26	11/ 2	20	11/ 2	20	MSG			227	212	187	156
MC HENRY 2 NW	90	8/31	-12	2/25	3/19	9	3/19	9	4/ 4	23	4/28	27	6/ 2	32	10/ 1	26	10/ 1	26	10/24	24	11/ 2	15	11/ 2	15	228	228	203	156	121
OAKLAND 1 SE					3/20	4	3/20	4	3/20	4	4/ 7	28	4/29	31	10/ 1	30	11/ 2	26	11/ 8	22	12/12	16	12/12	16	267	267	233	209	155
SAVAGE RIVER DAM	94	8/28	-3	2/25	3/20	4	3/20	4	3/20	4	4/ 7	28	4/29	31	10/ 1	30	11/ 2	26	11/ 8	22	12/12	16	12/12	16	267	267	233	209	155
DELAWARE																													
NORTHERN 01																													
NEWARK UNIVERSITY FARM	97	9/ 3	4	2/ 7	3/19	13	3/19	13	3/20	24	3/20	24	4/ 8	31	10/29	32	11/ 2	28	11/21	24	11/26	20	12/26	16	282	252	246	227	204
WILMINGTON WSO ARPT	98	7/10	5	2/ 7	3/19	14	3/19	14	3/19	14	3/20	27	3/22	30	11/ 2	32	11/ 8	27	11/26	23	12/26	19	12/29	15	285	282	252	233	225
WILMINGTON PORTER RSVR	95	7/10	6	2/ 7	3/19	13	3/19	13	3/19	13	3/20	25	3/20	25	11/ 7	31	11/ 8	28	12/11	23	12/12	20	12/27	15	283	268	267	233	232
SOUTHERN 02																													
DOVER	96	7/11	10	12/31	3/15	14	3/19	18	3/19	18	3/20	26	4/ 4	32	11/ 2	30	11/ 8	26	11/21	24	12/26	20	12/31	10	291	282	247	233	212
GEORGETOWN 5 SW			11	2/20	3/ 1	15	3/19	19	3/19	19	3/20	25	4/28	32	10/24	30	11/ 4	28	11/ 8	23	12/12	18	12/31	14	305	268	234	229	179
GREENWOOD 2 NE	99	7/ 9	10	2/19	3/15	15	3/19	19	3/19	19	3/20	25	4/28	32	11/ 2	30	11/ 4	28	11/21	23	12/24	20	12/31	15	291	280	247	229	188
LEWES	96	7/11	11	12/31	2/20	16	3/18	20	3/19	23	3/25	28	3/25	28	11/ 8	29	11/21	28	12/12	23	12/31	11	12/31	11	314	288	268	241	228

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

MARYLAND AND
DELAWARE
1993

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE IS NATL SEA	0	B	0	B	0	35	211	454	348	211	9	6	0	B 1274
PRINCESS ANNE	0	0	0	0	3	-	-	450	294	154	4	5	0	-
SALISBURY	0	0	0	0	8	96	278	513	387	230	11	12	0	1535
SALISBURY FAA ARPT	0	0	0	0	5	57	244	485	362	192	7	11	B	B 1363
SNOW HILL 4 N	0	0	0	1	89	247	460	352	222	13	10	0	0	1394 1053
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	B	0	0	0	1	82	286	508	400	211	12	8	0	1508
VIENNA	0	0	0	B	2	-	288	533	411	221	9	5	0	- 1292
LOWER SOUTHERN 03														
LA PLATA 1 W	0	0	0	16	81	206	403	340	189	8	9	0	0	1252 1040
MECHANICSVILLE 5 NE	0	0	0	6	68	218	434	325	170	6	9	0	0	1236 1058
OWINGS FERRY LANDING	0	0	0	9	72	217	449	349	203	7	9	0	0	1315 1108
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	0	-	B	134	303	553	420	227	8	6	0	-
BALTIMORE WSO ARPT	R	0	0	0	0	70	235	476	371	175	3	5	0	1335 1137
BELTSVILLE	0	0	0	11	74	228	452	B	376	167	0	5	0	B 1313 954
COLLEGE PARK	0	0	0	21	124	B	271	544	421	219	4	3	0	B 1607 1196
DALECARLIA RESERVOIR	-	0	0	-	92	258	497	389	187	7	9	0	0	- 1213
GLENN DALE BELL STN	0	0	0	6	51	170	394	364	197	6	11	0	0	1199 984
LAUREL 3 W	0	0	0	0	91	240	454	377	159	2	0	0	0	1323 1165
NATIONAL ARBORETUM DC	0	0	0	16	116	272	515	409	197	1	B	3	0	B 1529 1160
UPPER MARLBORO 3 NNW	0	0	0	13	77	-	-	357	186	-	-	-	-	- 944
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	0	0	3	89	271	471	392	193	8	6	0	0	1433 1139
MILLINGTON 1 SE	0	0	-	5	57	222	424	371	183	6	8	0	0	- 980
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	R	B	0	0	7	-	237	B	389	B	211	-	-	- 1087
BALTIMORE CITY	0	0	0	7	149	340	608	479	228	12	6	0	0	1829 1608
BENSON POLICE BARRACKS	0	0	0	11	118	261	489	410	194	8	4	0	0	1495 1025
CATOCTIN MOUNTAIN PARK	0	0	0	0	60	152	304	233	88	0	2	0	0	839
CLARKSVILLE 3 NNE	0	0	-	3	56	186	371	261	160	-	-	-	0	-
CONOWINGO DAM	-	-	-	-	-	-	555	451	187	8	1	0	0	935
DAMASCUS 2 SSW	-	0	0	2	35	172	359	279	128	2	5	0	0	-
EMMITSBURG 2 SE	0	0	0	2	56	174	355	262	88	0	2	0	0	939 811
FREDERICK POLICE BRKS	-	0	0	3	123	263	501	403	184	1	5	0	0	-
MILLERS 4 NE	0	0	0	0	54	172	354	269	117	0	5	0	0	971
ROCKVILLE 1 NE	0	0	0	6	69	229	468	341	151	1	5	0	0	1270 889
TOWSON	-	-	-	-	-	-	-	-	B	317	B	10	0	- 1131
UNIONVILLE	0	0	0	0	52	192	377	310	139	1	-	B	0	- 649
WESTMINSTER POL BRKS	0	0	0	3	92	233	418	318	134	0	5	0	0	1203 887
WOODSTOCK	0	0	0	3	75	212	422	334	170	2	6	0	0	1224 956
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	0	0	1	70	198	408	344	116	0	0	0	0	1137 952
FROSTBURG 2	0	0	0	0	18	79	202	152	53	0	0	0	0	504
HAGERSTOWN	0	0	0	3	74	210	415	334	99	0	-	-	0	909
HANCOCK	0	0	0	2	52	179	337	305	127	0	0	0	0	1002 687
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	0	0	0	0	20	71	201	164	41	0	0	-	0	-
OAKLAND 1 SE	0	0	0	0	6	60	190	132	40	0	0	0	0	428 277
SAVAGE RIVER DAM	0	0	0	0	19	84	240	192	67	0	0	0	0	602 388

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
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	0	0	0	0	74	222	415	354	170	3	7	0	81245	1033
WILMINGTON WSO ARPT	0	0	0	1	79	252	452	405	176	3	4	0	1372	1046
WILMINGTON PORTER RSVR	0	0	0	0	73	226	418	357	146	2	2	0	1224	930
SOUTHERN 02														
DOVER	0	0	0	10	70	252	458	356	194	7	6	0	1353	1199
GEORGETOWN 5 SW	0	0	0	1	54	223	443	-	198	2	0	0	-	976
GREENWOOD 2 NE	0	0	0	0	57	213	431	326	168	6	7	0	1208	
LEWES	0	0	0	3	101	257	469	369	209	8	11	0	1427	1066

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL EVAPORATION AND WIND MOVEMENT

MARYLAND AND
DELAWARE
1993

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MARYLAND														
UPPER SOUTHERN 04 BELTSVILLE	WIND	-	-	-	B 2090	B 972	1093	822	641	618	928	-	-	-
	EVAP	-	-	-	B 4.60	B 6.54	7.27	7.91	B 6.27	B 4.45	B 3.27	-	-	-
	MAX TEMP	-	-	-	M 68.1	M 83.4	M 90.0	95.1	M 93.6	M 83.6	M 65.1	-	-	M
	MIN TEMP	-	-	-	M 44.0	M 57.0	M 62.6	71.4	M 69.2	M 62.0	M 46.3	-	-	M
UPPER MARLBORO 3 NNW	WIND	-	-	-	B 748	85	-	-	B 110	265	-	-	-	-
	EVAP	-	-	-	B 4.58	B 5.60	-	-	B 6.12	B 4.88	-	-	-	-
	MAX TEMP	-	-	-	57.2	72.7	-	-	93.2	83.5	-	-	-	-
	MIN TEMP	-	-	-	48.9	61.5	-	-	67.5	60.9	-	-	-	-
ALLEGHENY PLATEAU 08 SAVAGE RIVER DAM														
	WIND	-	-	-	B 1782	1043	835	807	551	622	-	-	-	-
	EVAP	-	-	-	-	B 5.30	B 4.95	B 5.32	B 4.50	B 2.47	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE														
NORTHERN 01 NEWARK UNIVERSITY FARM	WIND	-	-	-	-	-	B 524	454	213	238	305	-	-	-
	EVAP	-	-	-	-	-	B 6.93	7.32	B 6.44	B 4.46	B 2.79	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN 02 GEORGETOWN 5 SW	WIND	-	-	-	1698	1658	-	-	-	-	-	-	-	-
	EVAP	-	-	-	B 5.68	B 9.49	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	66.3	82.4	-	-	-	-	-	-	-	M
	MIN TEMP	-	-	-	41.7	55.2	-	-	-	-	-	-	-	M

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
1993

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
MARYLAND												
ABERDEEN PHILLIPS FIEL	0015	06	HARFORD	39 28	76 10W	57	70	70	0			C H
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	37	37	0			H
ASSATEAGUE IS NATL SEA	0335	01	WORCESTER	38 14	75 8W	10	28	28	0			H
BALTIMORE WSO ARPT	0465	04	ANNE ARUNDEL	39 11	76 40W	148	61	61	0			C H J
BALTIMORE CITY #	0470	06	BALTIMORE CI	39 17	76 37W	14	125	125	0			C H
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	120	58	58	5			C H
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	48	48	0			C H
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	29	29	0			C
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	90	90	0			H
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	28	28	0			H
COLLEGE PARK	1995	04	PRINCE GEORG	38 59	76 57W	90	109	109	0			C H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	60	60	0			H
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	23	23	0	NOV		H
DALECARLIA RESERVOIR	2325	04	DIS COLUMBIA	38 56	77 7W	150	50	50	0			H
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	722	20	20	0			H
DAMASCUS 2 SSW	2336	06	MONTGOMERY	39 16	77 14W	670	2	2	0	JAN		H
EDGE MONT	2770	07	WASHINGTON	39 40	77 33W	905	0	57	0			
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	40	40	0			H
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	23	23	0			H
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	24	24	0			H
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	75	75	0			H
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	53	53	0			H
HANCOCK	4030	07	WASHINGTON	39 42	78 11W	428	62	62	0			C H
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	81	81	0			H
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	105	105	0			
MC HENRY 2 NW	5832	08	GARRETT	39 35	79 22W	2680	24	24	0			C H
MECHANICSVILLE 5 NE	5865	03	ST MARYS	38 27	76 41W	100	34	34	0			H
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	0	44	0			H
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	9	9	0			C H
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	99	99	0			H
NATIONAL ARBORETUM DC	6350	04	DIS COLUMBIA	38 54	76 59W	50	49	49	0			H
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2419	98	98	0			H
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	79	79	0			H
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270	0	34	0			
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	47	47	0			
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	48	48	0			H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	48	48	0			H
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	89	89	0			
SALISBURY FAA ARPT #	8005	01	WICOMICO	38 20	75 31W	50	48	48	0			C H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	45	48	45			C H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	80	80	0			H
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	58	83	0			
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	56	54	0	OCT		C
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	39	39	39			H
VIENNA	9140	02	DORCHESTER	38 29	75 50W	10	47	47	0			
WESTMINSTER POL BRKS	9440	06	CARROLL	39 33	76 58W	765	17	17	0			H
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	126	126	0			H
DELAWARE												
DOVER	2730	02	KENT	39 9	75 31W	30	108	107	0			C H
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	50	50	42			H
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	11	11	0			H
LEWES	5320	02	SUSSEX	38 46	75 8W	15	52	52	0			
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	83	83	39			C H

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
1993

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	
WILMINGTON WSO ARPT	R 9595	01	NEW CASTLE	39 40	75 36W	74	48	48	0			C H J
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	84	84	0			H

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
1993

DEFINITIONS

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (i.e. not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

TEMPERATURE EXTREMES AND FREEZE DATA: Spring minimum dates are obtained from data for January through June; Fall dates are from July through December data. "NONE" indicates temperature threshold not reached. "MSG" indicates available data insufficient to determine date.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

SOIL TEMPERATURE EXTREMES: The highest and lowest Max and Min temperature for each month and the year.

WIND: (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.
- * Rain gage not read. Precipitation is included in the amount following asterisks. Time distribution not known.
- // Rain gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to monthly bulletins to determine date of last reading. (Hawaii stations)
- B Estimated total value for wind, evaporation, or cooling degree days.
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing.
- R Amounts from recording rain gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month(s). (See * above)
- Z Same as M but the Z has overprinted a negative sign or leading digit (e.g., Z14.6 = M-14.6, Z08.2 = M108.2)

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

- # Thermometers located in rooftop shelter.
- C Station is equipped with a recording rain gage (R), but values in this bulletin are from a non-recording rain gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Snowfall and Snow on the Ground" table in monthly "Climatological Data" publication.
- J Station also published as a "Local Climatological Data" bulletin.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of "Climatological Data".

Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary".

Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

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 of regular National Weather Service Offices is available from the "Local Climatological Data" annual bulletin.

Additional information regarding the climate of this state may be obtained by writing to the address below or to any weather service office near you. The contents of this publication may be reprinted or otherwise used freely with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

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ASHEVILLE, NC 28801-5001

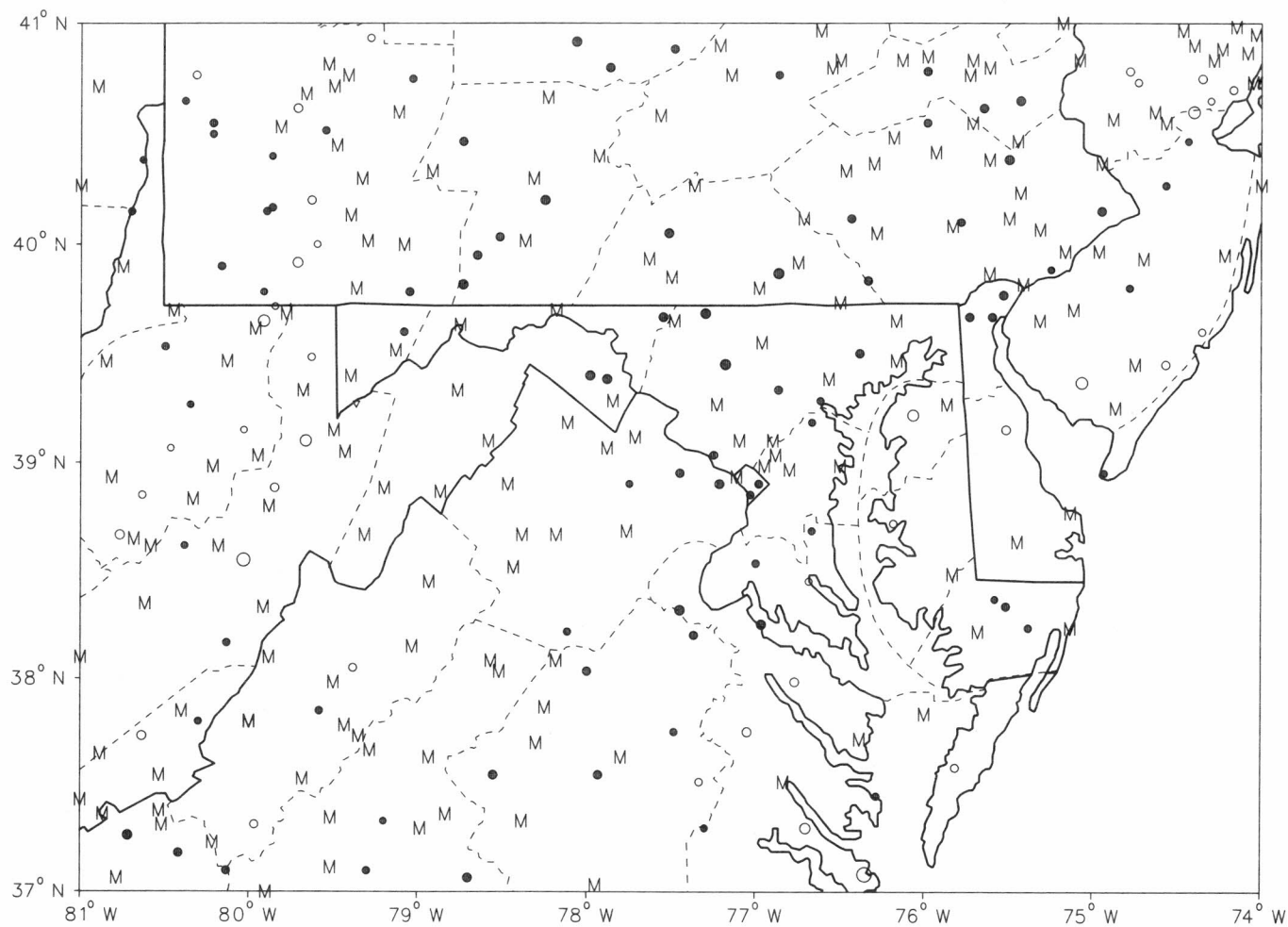
CUMULATIVE ANNUAL PRECIPITATION DEPARTURE FROM INDIVIDUAL STATION NORMALS (1961-1990) FOR 1993 DELAWARE

M INCOMPLETE DATA FOR THE PERIOD

▽ EXACTLY NORMAL

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

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

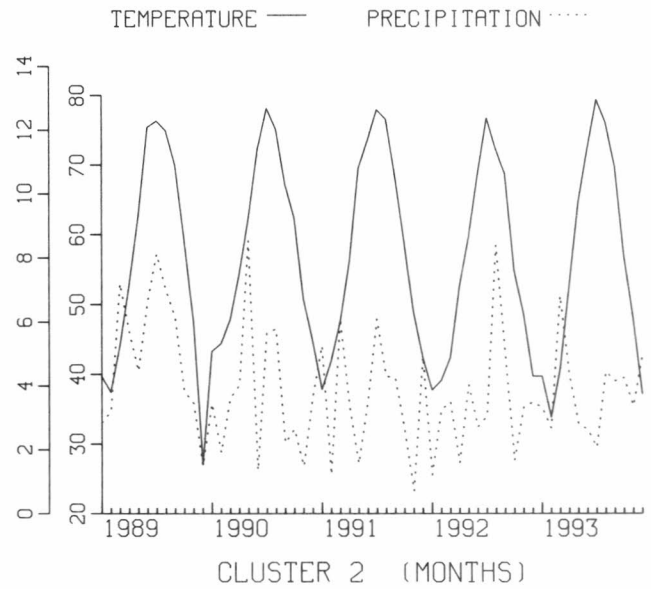
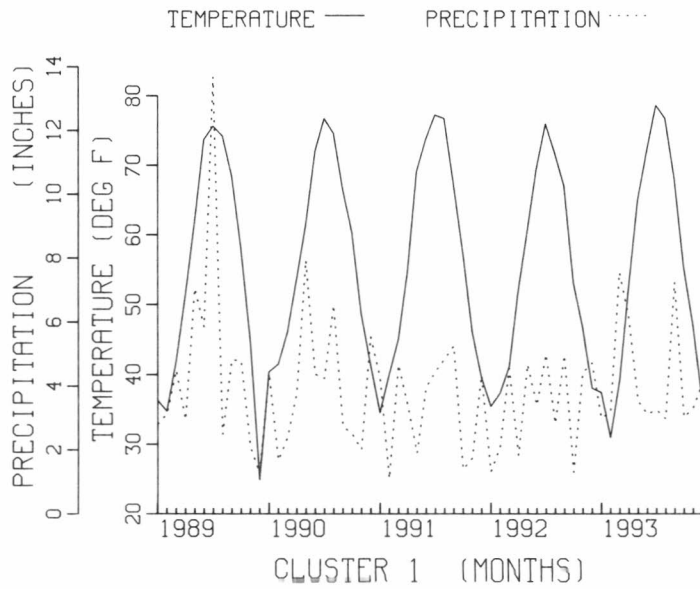


CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

MONTHLY TEMPERATURE AND PRECIPITATION FOR
THE LAST 60 MONTHS
ENDING DECEMBER 1993
DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02



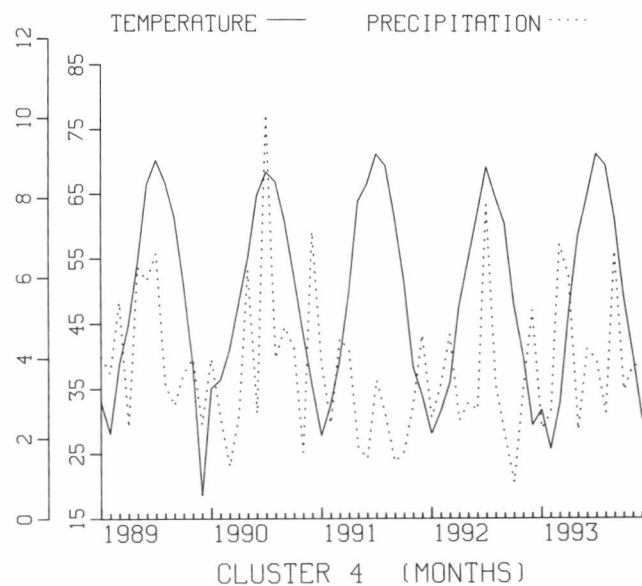
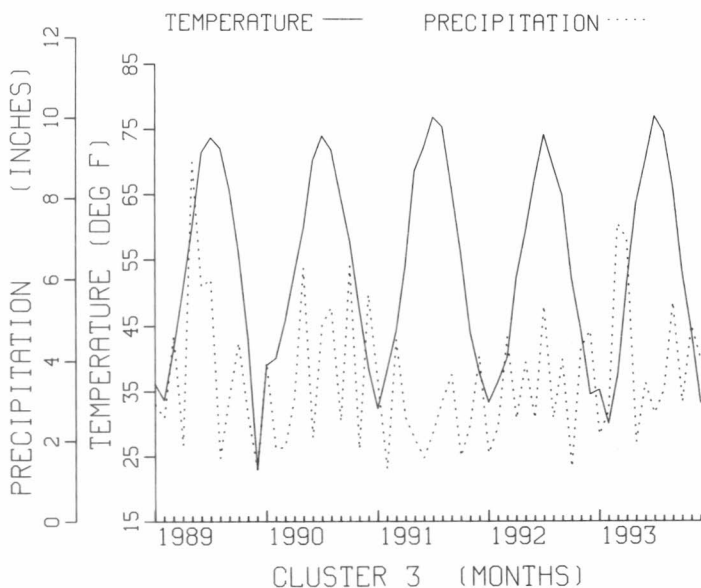
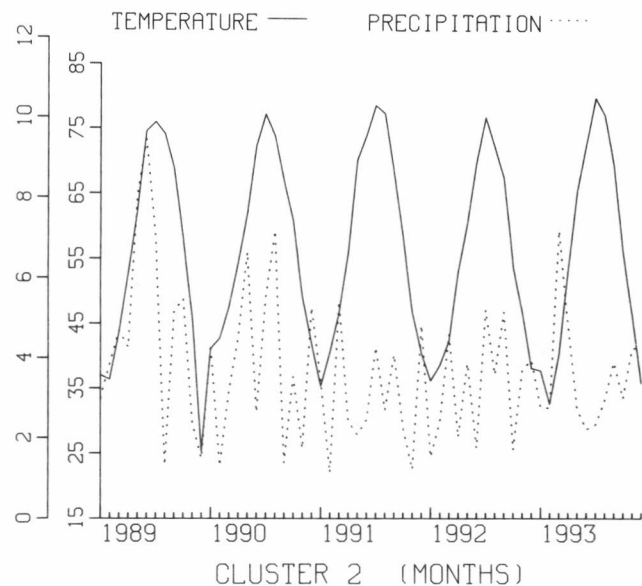
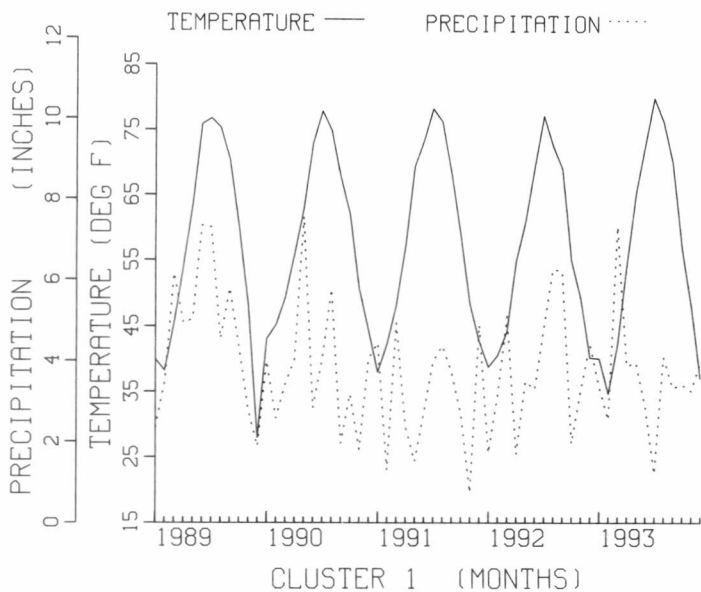
MONTHLY TEMPERATURE AND PRECIPITATION FOR THE LAST 60 MONTHS ENDING DECEMBER 1993 MARYLAND

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

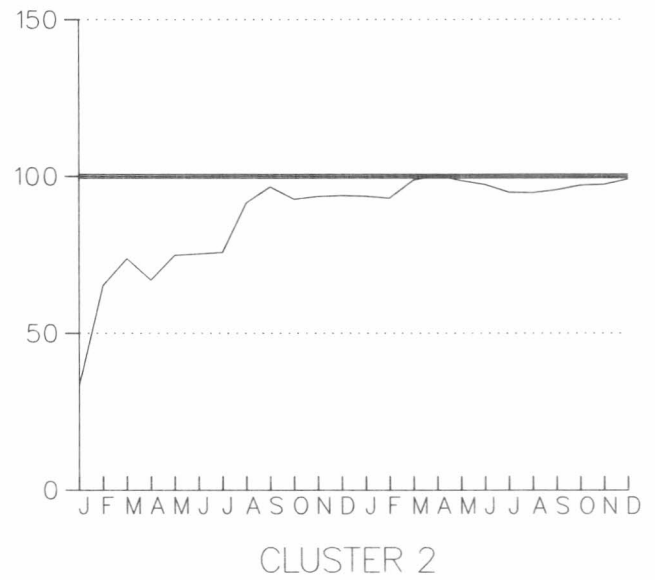
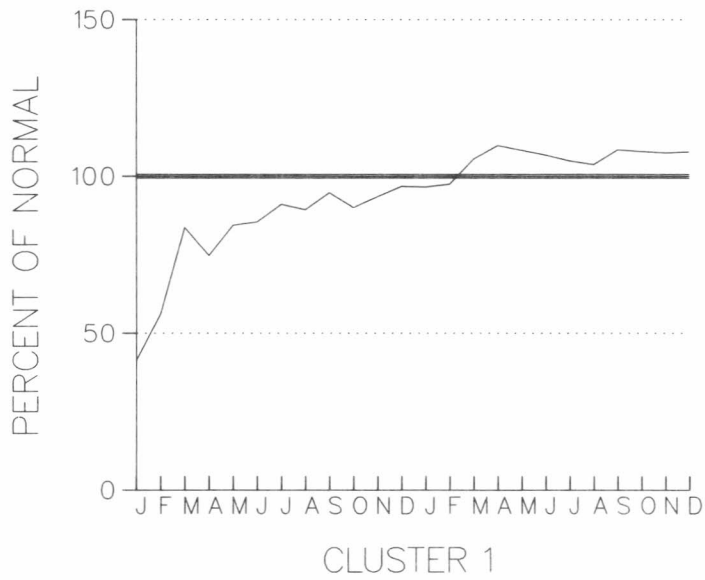
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961–1990)
FOR THE LAST 24 MONTHS
ENDING DECEMBER 1993
DELAWARE

CLUSTER 1 –DIVISION(S):
NORTHERN 01

CLUSTER 2 –DIVISION(S):
SOUTHERN 02



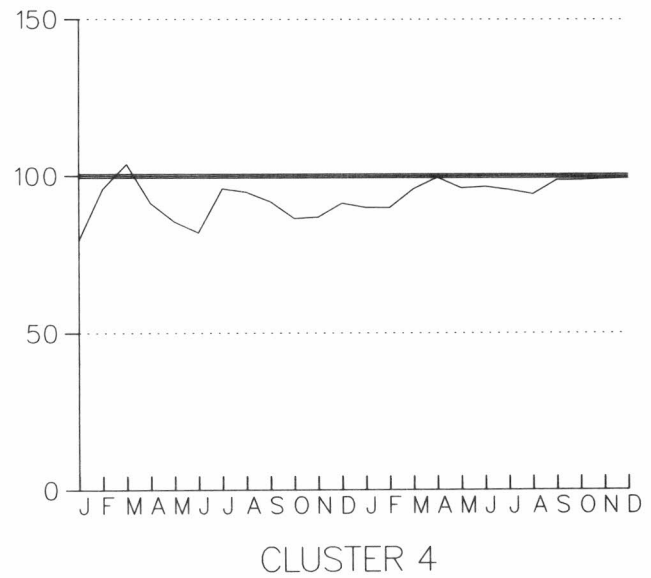
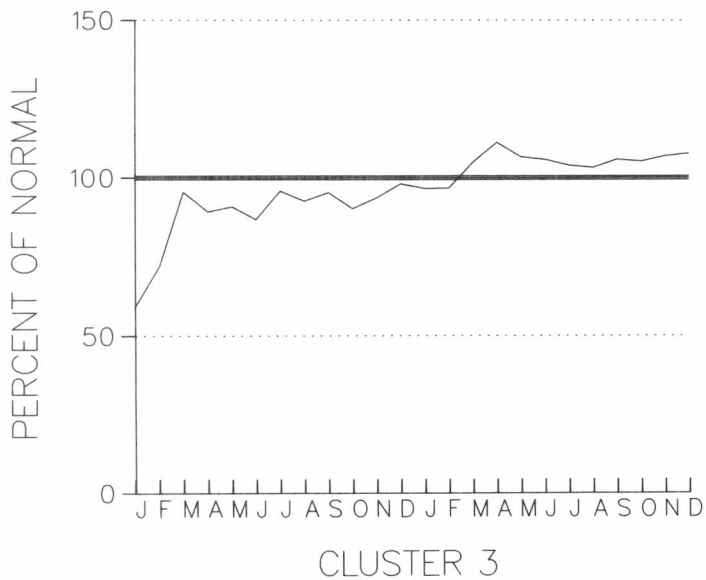
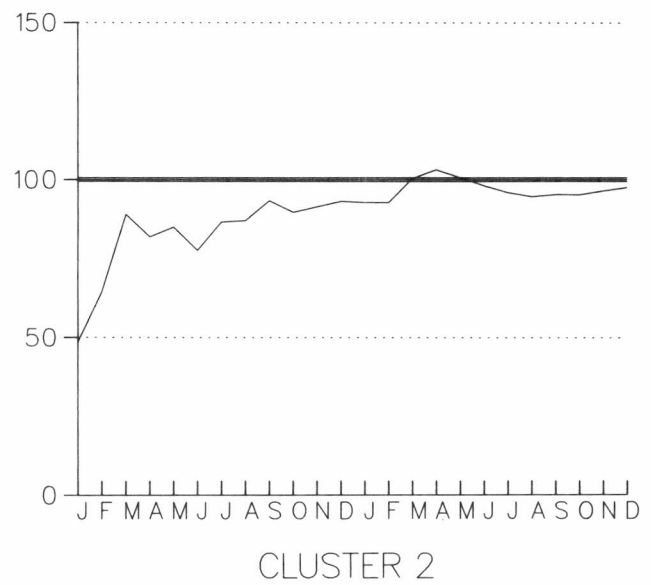
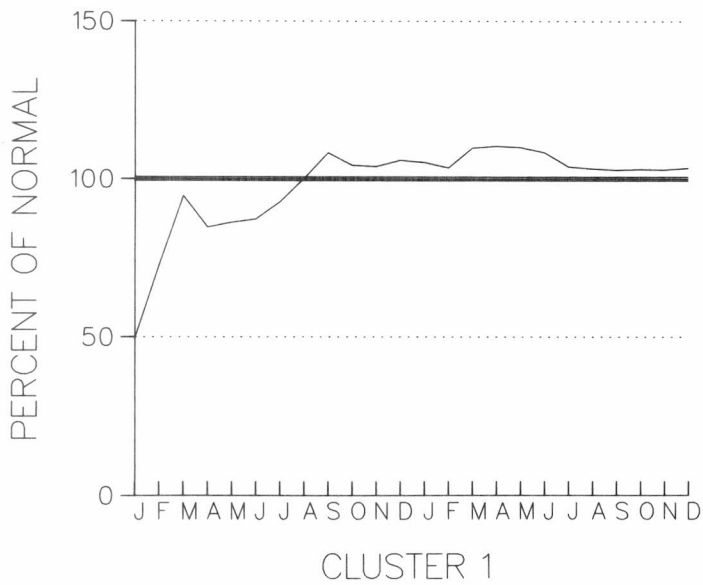
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961–1990) FOR THE LAST 24 MONTHS ENDING DECEMBER 1993 MARYLAND

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

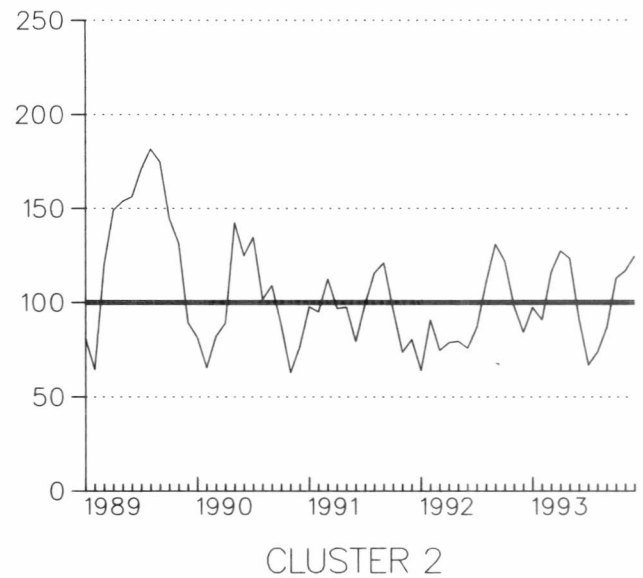
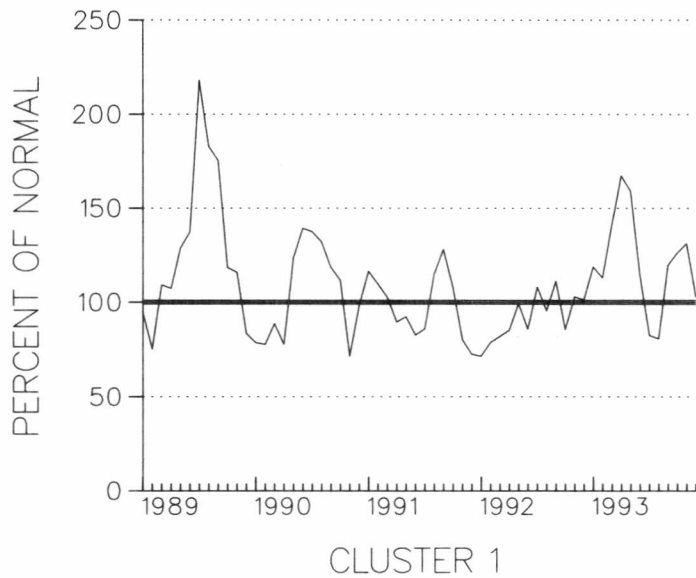
CLUSTER 4 –DIVISION(S):
ALLEGHENY PLATEAU 08



PRECIPITATION DEPARTURES FROM NORMAL (1961–1990)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1993 DATA
DELAWARE

CLUSTER 1 –DIVISION(S):
NORTHERN 01

CLUSTER 2 –DIVISION(S):
SOUTHERN 02



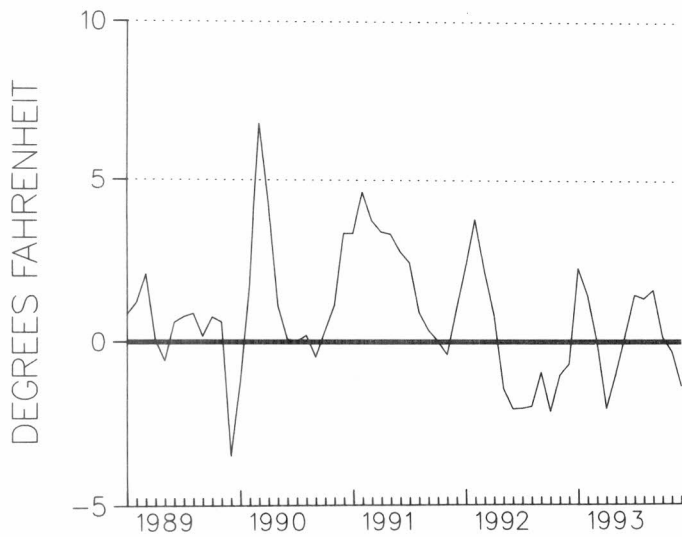
TEMPERATURE DEPARTURES FROM NORMAL (1961–1990)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1993 DATA
MARYLAND

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

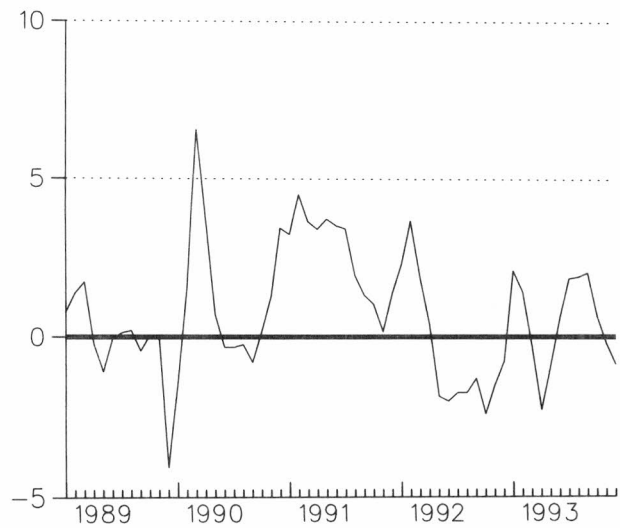
CLUSTER 2 –DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

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

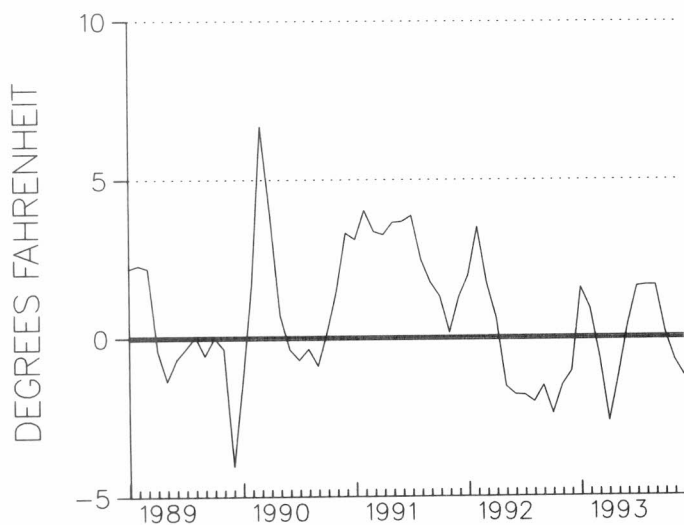
CLUSTER 4 –DIVISION(S):
ALLEGHENY PLATEAU 08



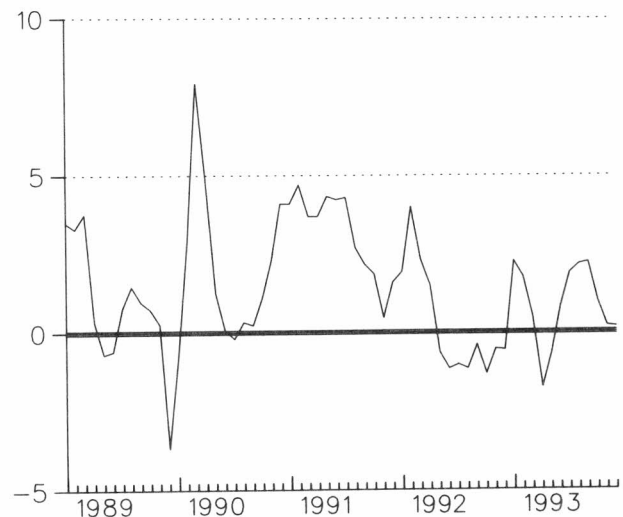
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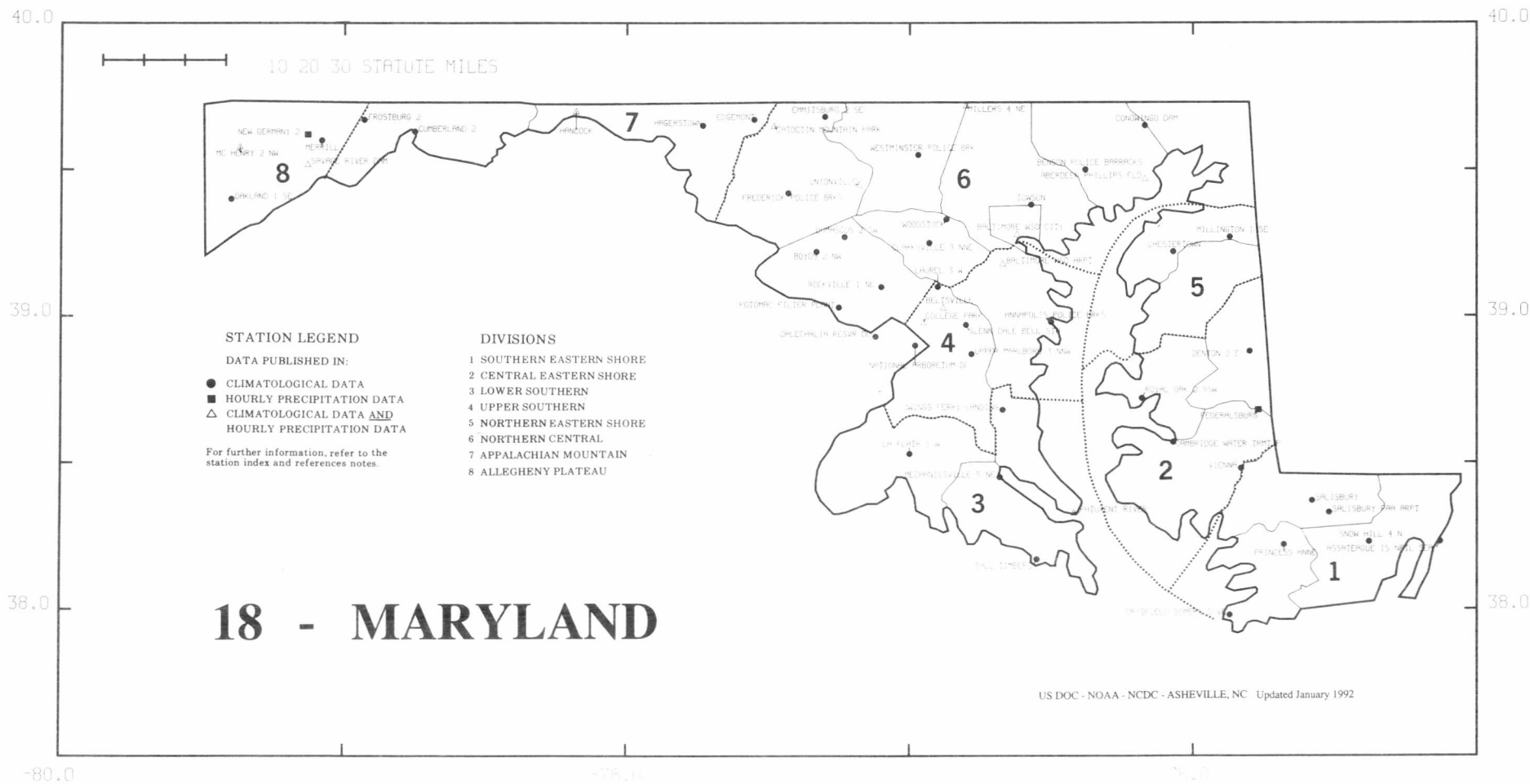
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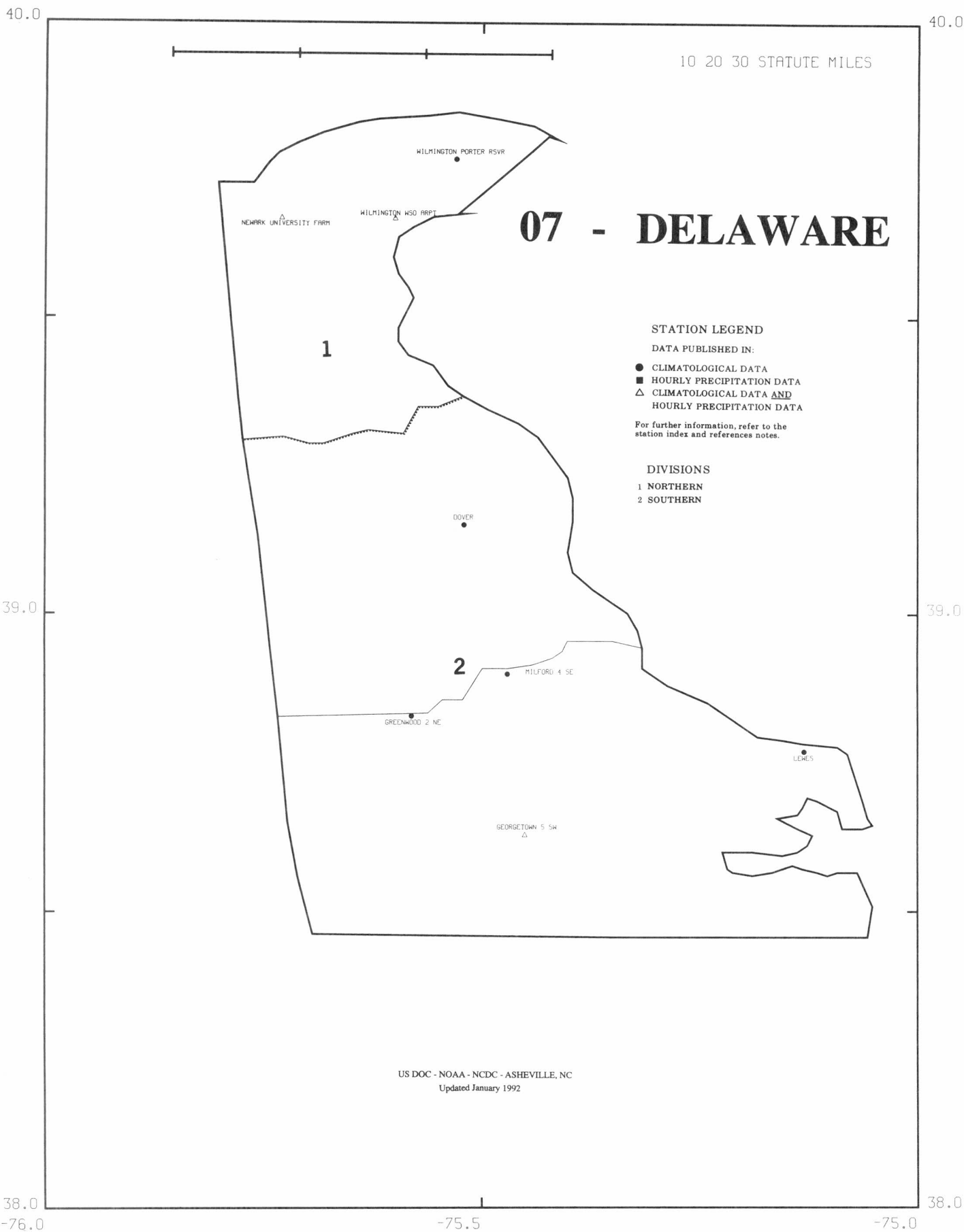


CLUSTER 3



CLUSTER 4





MONTHLY PRECIPITATION TOTALS												ANNUAL 1987 NORTH CAROLINA			
STATION	ANNUAL	MONTH										SEP	OCT	NOV	DEC
		JAN	FEB	MAR	APR	MAY	JUN	JUL							
NORTH CAROLINA															
ASHEVILLE WSO AP	34.57	1.11	1.85	2.75	0.57	3.55						4.19	5.28	4.28	
ASHEVILLE	25.67	0.71	1.57	1.81	0.53	2.5						2.77	4.15	2.94	
ASHFORD	36.74E	1.20	2.70	2.90	0.54E							3.80	4.90	4.80	
BADIN	-	-	1.30	2.60	1.20							2.40	4.10	2.10	
B EVERETT JORDAN DAM	-	1.70	1.50	3.60									1.70		

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HOURLY PRECIPITATION DATA NORTH CAROLINA

DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12

31 - NORTH CAROLINA

STATION INDEX

HOURLY PRECIPITATION DATA NORTH CAROLINA

JANUARY 1987

VOLUME 37 NUMBER 1



HOURLY PRECIPITATION DATA is published monthly and presents daily, hourly, and maximum short duration data for recording rain gage stations in each state except Alaska. Also included are a published station index and a locator map for the state. In addition to the regularly published data, the December publication contains a tabulation of monthly and annual total precipitation amounts as an annual supplement.

SHELF STOCK of the printed publication is maintained only for the most recent 3 years. Earlier years are available on microfiche or paper copies reproduced from microfiche. The data is also available in digital form - on magnetic tape or floppy disk.

For further information,
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Room 120, 151 Patton Avenue, Asheville, NC 28801-5001
Phone (704) 271-4800 or (704) 271-4010 (TDD)
(704) 271-4876 (Fax)

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