

CLIMATOLOGICAL DATA ANNUAL SUMMARY MARYLAND AND DELAWARE 1992

VOLUME 96 NUMBER 13



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noaa

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1992

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	M 1.83	-1.50	M 3.22	-.08	M 3.42	-.80	M 1.31	-2.01	M 4.39	1.04	5.11	4.02
PRINCESS ANNE	1.96	-1.56	4.28	.87	3.32	-.76	1.59	-1.72	4.26	.94	3.36	-.26
SALISBURY	1.74	-1.64	4.35	1.02	3.32	-.76	1.92	-1.24	3.96	-.58	2.94	-.61
SALISBURY FAA ARPT	1.94	-1.69	3.13	-.47	3.84	-.76	1.33	-1.99	5.10	1.67	4.71	.91
SNOW HILL 4 N	1.87	-1.55	3.75	.44	3.53	-.62	1.54	-1.62	4.43	1.12	4.03	.60
--DIVISIONAL DATA-->												
CENTRAL EASTERN SHORE 02												
ROYAL OAK 2 SSW	1.31	-2.13	3.10	-.10	6.62	2.55	2.00	-1.41	2.29	-1.34	1.75	-1.68
VIENNA	1.68	-1.84	3.42	.15	3.52		1.73	-1.61	M 2.29		3.71	.15
--DIVISIONAL DATA-->	1.50	-1.92	3.26	.14	6.62	2.69	1.87	-1.40	2.29	-1.14	2.73	-.75
LOWER SOUTHERN 03												
LA PLATA 1 W	1.82	-1.32	2.55	-.33	4.65	.89	1.61	-1.56	3.70	.23	3.35	-.43
MECHANICSVILLE 5 NE	2.04		2.24		5.93		1.61		4.26		3.60	
OWINGS FERRY LANDING	1.61	-1.53	2.65	-.07	5.15	1.61	1.83	-1.41	3.52	-.28	2.53	-1.18
--DIVISIONAL DATA-->	1.82	-1.45	2.48	-.43	5.24	1.49	1.68	-1.45	3.83	.24	3.16	-.47
UPPER SOUTHERN 04												
ANNAPOLIS POLICE BRKS	1.12		M 2.18		4.73		2.07		2.90		1.41	
BALTIMORE WSO ARPT	R 1.27	-1.73	2.49	-.49	4.58	.86	1.76	-1.59	2.92	-.52	1.89	-1.87
BELTSVILLE	2.01	-.90	2.42	-.08	4.15	.66	3.26	-.11	4.31	.50	1.33	-2.56
COLLEGE PARK	1.90	-1.11	2.47	-.32	4.19	.54	2.88	-.49	4.45	.60	1.14	-2.71
DALECARLIA RESERVOIR	2.97	-1.10	2.73	-.20	4.31	.48	2.88	-.72	4.11	.34	1.71	-1.97
GLENN DALE BELL STN	1.88	-1.18	2.57	-.18	5.02	1.32	2.75	-.77	3.36	-.58	1.36	-2.51
LAUREL 3 W	2.75	-.12	M 2.90		4.80	1.14	3.32	-.08	5.43	1.37	2.06	-1.83
NATIONAL ARBORETUM DC	1.93	-1.24	2.81		4.16	.41	3.06	-.31	3.76	-.17	1.81	-2.14
UPPER MARLBORO 3 NNW	1.90	-1.38	2.36	-.37	4.58	.86	1.71	-1.61	3.09	-.51	3.13	-.71
--DIVISIONAL DATA-->	1.97	-1.09	2.51	-.28	4.50	.82	2.63	-.74	3.81	.06	1.76	-2.04
NORTHERN EASTERN SHORE 05												
CHESTERTOWN	.97	-2.31	2.34	-.61	4.75	.77	1.41	-1.84	2.74	-.88	1.59	-2.65
MILLINGTON 1 SE	1.21	-1.95	M 2.47		4.68	.98	1.45	-1.73	5.17	1.75	1.91	-1.76
--DIVISIONAL DATA-->	1.09	-2.18	2.34	-.54	4.72	.96	1.43	-1.77	3.96	.51	1.75	-2.11
NORTHERN CENTRAL 06												
ABERDEEN PHILLIPS FIEL	R .93		2.45		4.24		1.59		M 2.70		M 2.61	
BALTIMORE CITY	1.60	-1.47	2.48	-.59	4.13	.20	1.54	-1.97	3.11	-.52	2.39	-1.32
BENSON POLICE BARRACKS	1.81	-1.62	2.64	-.24	5.21	1.17	2.36	-1.64	3.94	-.11	3.18	-1.12
CATOCTIN MOUNTAIN PARK	1.78		1.96		4.82		3.45		3.75		4.48	
CLARKSVILLE 3 NNE	2.18		2.56		4.24		2.75		4.67		1.35	
CONOWINGO DAM	1.72	-1.61	M									
DAMASCUS 2 SW	1.71		M									
EMMITSBURG 2 SE	1.53		2.30		5.33		2.98		4.19		3.86	
FREDERICK POLICE BRKS	M 1.23		2.33		4.77		3.71		4.68		3.08	
MILLERS 4 NE	1.34		1.67		4.27		2.54		4.42		2.45	
POTOMAC FILTER PLANT	1.97		2.01		3.76		3.09		4.62		2.94	
ROCKVILLE 1 NE	2.55	-.40	2.39	-.27	3.72	.18	2.51	-.73	4.94	1.17	2.17	-1.82
TOWSON	M		M		M		M		M		M	
UNIONVILLE	1.41	-1.35	2.08	-.33	4.31	.93	2.28	-1.23	3.45	-.22	2.33	-1.75
WESTMINSTER POL BRKS	1.53	-1.59	1.90	-.92	4.83	.91	2.22	-1.47	3.99	.12	1.51	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1992

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	3.71		10.08		5.90		2.07		4.51		3.88			
PRINCESS ANNE	3.41	-.41	6.24	.61	4.85	.88	1.53	-2.15	2.84	-.40	4.72	1.32		
SALISBURY	4.97	1.21	9.68	3.96	8.24	4.65	1.83	-1.80	2.87	-.24	4.49	.87	50.95	6.12
SALISBURY FAA ARPT	5.48	1.08	7.54	1.82	6.68	2.74	1.86	-1.87	3.66	.60	6.52	2.81	49.97	4.53
SNOW HILL 4 N	3.16	-.83	6.94	1.51	6.53	3.00	1.87	-1.93	4.84	1.46	4.96	1.25	48.35	2.13
--DIVISIONAL DATA----->	4.15	.22	8.10	2.90	6.44	2.85	1.83	-1.73	3.74	.55	4.91	1.39	48.32	4.55
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	3.21	-1.18	5.45	.36	5.09	1.37	1.97	-1.49	2.87	-.86	4.10	.36	39.76	-5.55
VIENNA	4.61	.67	7.01	1.38	5.09	1.12	1.67	-1.77	3.15	-.17	4.74	1.17		
--DIVISIONAL DATA----->	3.91	-.23	6.23	1.01	5.09	1.44	1.82	-1.51	3.01	-.52	4.42	.82	42.75	-1.37
LOWER SOUTHERN 03														
LA PLATA 1 W	7.09	3.06	4.07	-.85	7.55	4.11	2.15	-1.26	3.16	-.04	3.63	.21	45.33	2.71
MECHANICSVILLE 5 NE	6.95		4.29		7.63		2.33		3.14		4.43		48.45	
OWINGS FERRY LANDING	5.28	1.62	5.23	1.04	6.35	2.83	2.28	-.99	2.87	-.46	3.88	.59	43.18	1.77
--DIVISIONAL DATA----->	6.44	2.34	4.53	-.09	7.18	3.68	2.25	-1.02	3.06	-.28	3.98	.60	45.65	3.16
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	5.64		3.44		5.74		1.57		3.36		4.66		38.82	
BALTIMORE WSO ARPT	5.07	1.18	2.19	-2.43	5.96	2.50	2.73	-.38	3.44	.33	4.63	1.23	38.93	-2.91
BELTSVILLE	4.88		2.19		5.61	1.90	1.77	-1.47	4.32	1.35	3.57	.23	39.82	
COLLEGE PARK	6.19	2.13	3.42	-1.58	6.08	2.52	2.09	-1.02	4.08	.98	3.84	.46	42.73	.00
DALECARLIA RESERVOIR	6.87	2.83	4.40	-.20	5.83	2.41	2.28	-1.02	4.97	1.82	4.33	.84	47.39	4.51
GLENN DALE BELL STN	7.13	2.82	4.54	-.37	3.95	.29	2.08	-1.22	4.38	1.04	4.71	1.32	43.73	-.02
LAUREL 3 W	8.49	4.61			5.45	2.07	2.45	-.68	6.05	2.65	4.49	1.15		
NATIONAL ARBORETUM DC	3.97	-.23	3.14	-1.96	4.14	.56	1.85	-1.32	4.14	1.06	3.58	.22	38.35	
UPPER MARLBORO 3 NNW	4.63	.57			5.89	2.16	1.59	-1.70	2.69	-.47	3.81	.42		
--DIVISIONAL DATA----->	6.00	2.01	3.52	-1.22	5.41	1.89	2.05	-1.09	4.16	1.03	4.18	.80	42.50	.15
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	4.46	.52	3.01	-1.60	4.58	1.00	1.22	-1.94	3.54	.08	3.68	-.19	34.29	-9.65
MILLINGTON 1 SE	3.05		4.35	-.39	5.30	1.51	1.52	-1.53	3.03	-.44	3.81	.23	37.95	
--DIVISIONAL DATA----->	4.46	.53	3.68	-.83	4.94	1.27	1.37	-1.69	3.29	-.11	3.75	.10	36.78	-5.86
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	3.64		3.00		5.21		1.92		4.29		4.00			
BALTIMORE CITY	4.68	.65	2.88	-1.69	5.61	1.95	2.28	-.81	4.30	.96	3.94	.16	38.94	-4.45
BENSON POLICE BARRACKS	2.80	-1.55	3.85	-1.06	3.78	-.40	3.23	.25	5.92	2.03	5.04	1.05	43.76	-3.24
CATOCTIN MOUNTAIN PARK	6.68		3.38		5.68		.22		5.17		7.01		48.38	
CLARKSVILLE 3 NNE	5.41		3.48		3.99		2.70		5.58		5.06		43.97	
CONOWINGO DAM														
DAMASCUS 2 SW														
EMMITTSBURG 2 SE	7.78		1.62		5.25		1.55		6.73		4.45		47.57	
FREDERICK POLICE BRKS	4.61		2.52		4.69		1.69		4.50		4.69		42.50	
MILLERS 4 NE	3.95		2.63		4.88		1.79		4.37		4.11		38.42	
POTOMAC FILTER PLANT	5.39		1.73		4.24		2.46		4.68		3.95		40.84	
ROCKVILLE 1 NE	4.83	1.05	1.80	-2.66	4.86	1.40	1.89	-1.11	5.31	2.25	4.55	1.55	41.52	.61
TOWSON														
UNIONVILLE	7.48	3.89	1.60	-2.16	5.00	1.49	2.13	-.80	3.61	.52	4.64	1.34	40.32	.33
WESTMINSTER POL BRKS	5.23		2.17	-1.83	4.92	1.09	2.15	-.95	4.56	1.35	4.29	.80	39.30	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1992

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
WOODSTOCK	1.94	-1.20	2.51	-.25	4.64	.70	2.44	-1.18	4.20	.43	1.66	-2.37
--DIVISIONAL DATA-->	1.69	-1.44	2.27	-.54	4.54	.72	2.53	-1.10	4.12	.30	2.70	-1.35
APPALACHIAN MOUNTAIN 07												
CUMBERLAND 2	1.22	-1.31	2.68	-.27	4.66	1.05	1.51	-1.85	3.36	-.25	1.58	-2.20
EDGEMONT	2.61		1.54	-1.08	4.62	.91	4.74	1.09	3.61	-.21	3.83	-.36
FROSTBURG 2	1.17	-1.63	3.21		4.52		2.44		3.31		2.57	
HAGERSTOWN	1.20		1.34	-.92	4.73	1.35	3.99	.49	4.69	.95	2.58	-1.34
HANCOCK	1.67	-1.08	1.74		3.53		2.29	-.95	3.86	.45	2.87	-.99
--DIVISIONAL DATA-->	1.67	-1.08	2.41	-.09	4.64	.98	2.56	-.87	3.81	.12	2.40	-1.35
ALLEGHENY PLATEAU 08												
MC HENRY 2 NW	3.92		4.08		5.49		2.47		2.76		3.03	
MERRILL	2.13	-.78	2.36	-.36	4.51		2.08	-1.59	2.92	-.95	1.90	-1.70
OAKLAND 1 SE	2.18	-1.61	3.21	.01	4.20	-.22	2.48	-2.03	2.91	-1.53	3.47	-.89
SAVAGE RIVER DAM	1.45	-1.15	2.77	.42	4.11	.73	2.40	-1.08	3.00	-.67	1.59	-1.91
--DIVISIONAL DATA-->	2.52	-1.01	3.35	.26	4.60	.39	2.45	-1.74	2.89	-1.23	2.70	-1.44
DELAWARE												
NORTHERN 01												
NEWARK UNIVERSITY FARM	1.18	-1.92	1.97	-.76	4.74	1.08	1.62	-1.88	4.98	1.46	4.16	-.41
WILMINGTON WSO ARPT	1.05	-2.06	1.81	-1.18	4.36	.49	1.76	-1.63	4.48	1.25	3.14	-.37
WILMINGTON PORTER RSVR	1.69	-1.60	2.46	-.54	4.57	.50	2.08	-1.80	4.57	1.00	2.87	-1.13
--DIVISIONAL DATA-->	1.31	-1.82	2.08	-.79	4.56	.79	1.82	-1.72	4.68	1.32	3.39	-.30
SOUTHERN 02												
DOVER	.98	-2.26	2.62	-.24	4.32	.45	1.42	-1.79	4.87	1.37	2.64	-.97
GEORGETOWN 5 SW	1.61	-1.74	3.30	.28	3.51	-.46	1.45	-1.75	3.79	.53	2.97	-.62
GREENWOOD 2 NE	1.43		3.32		3.73		2.10		4.28		2.28	
LEWES	.80	-2.67	3.72	.39	2.63	-1.58	1.39	-2.02	3.19	-.35	2.93	-.77
--DIVISIONAL DATA-->	1.21	-2.22	3.24	.10	3.49	-.54	1.59	-1.72	4.03	.63	2.71	-.94

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1992

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
WOODSTOCK	7.30	3.74	2.23	-1.75	5.56	1.56	2.79	- .33	4.77	1.49	4.68	1.16	44.72	2.00
--DIVISIONAL DATA----->	5.46	1.56	2.60	-1.70	5.04	1.21	2.04	-1.11	4.98	1.63	4.50	.98	42.47	-.84
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	6.92	3.73	2.45	-.88	1.27	-1.65	.67	-2.04	3.31	.90	4.33	1.69	33.96	-2.54
EDGEMONT	6.21	2.96	3.08	-.75	4.63	.47	.89	-2.41	4.56	1.18	8.03	5.01		
FROSTBURG 2	3.76		3.43		2.90		.91		4.06		5.61		39.33	
HAGERSTOWN	2.89		2.20		5.27	1.97	.57	-2.56	3.59	.57	5.02	2.16	38.04	
HANCOCK	5.03	1.47	1.69	-1.61	2.71	-.51	.38	-2.55	3.69	1.02	3.88			
--DIVISIONAL DATA----->	5.24	1.82	2.52	-.99	3.04	-.15	.63	-2.34	3.66	.92	4.99	2.15	37.57	-.88
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	8.39		3.66		2.13		1.17		3.63		6.45		47.18	
MERRILL	5.58	1.91	3.91	.25	1.45		.77	-2.11	3.47	.86	4.93	1.80	36.01	
OAKLAND 1 SE	8.65	3.97	3.04	-1.56	2.54	-.57	.96	-2.21	3.22	.08	5.18		42.04	
SAVAGE RIVER DAM	6.49	2.87	3.29	-.32	1.60	-1.39	.53	-2.35	2.87	.52	3.94	1.26	34.04	-3.07
--DIVISIONAL DATA----->	7.84	3.57	3.33	-.85	2.09	-1.07	.89	-2.24	3.24	.24	5.20	1.55	41.10	-3.57
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	6.06	1.74	3.78	-.72	5.46	1.85	1.62	-1.56	4.33	1.14	4.96	1.43	44.86	2.27
WILMINGTON WSO ARPT	4.34	.44	2.21	-1.82	4.30	.71	1.11	-1.78	4.27	.94	4.21	.67	37.04	-4.34
WILMINGTON PORTER RSVR	4.59	.46	2.46	-1.96	5.16	1.35	1.17	-2.06	4.67	.91	4.99	1.25	41.28	-3.62
--DIVISIONAL DATA----->	5.00	1.00	2.82	-1.35	4.97	1.38	1.30	-1.87	4.42	1.04	4.72	1.17	41.07	-1.15
SOUTHERN 02														
DOVER	2.34	-1.93	7.07	1.95	5.86	1.72	1.53	-2.03	2.93	-.60	3.05	-.48	39.63	-4.81
GEORGETOWN 5 SW	2.44	-1.58	7.83	2.40	5.99	2.48	1.57	-1.91	3.92	.63	4.10	.51	42.48	-1.23
GREENWOOD 2 NE	2.64		7.02		4.49		1.80		3.24		3.17		39.50	
LEWES	4.78	.62	11.64	6.28	3.85	.59	1.75	-1.58	3.24	-.25	3.61	-.21	43.53	-1.55
--DIVISIONAL DATA----->	3.05	-1.18	8.39	3.15	5.05	1.38	1.66	-1.81	3.33	-.04	3.48	-.25	41.23	-3.44

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

MARYLAND AND
DELAWARE
1992

1992																										
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	M		M		M		M		M		65.5		74.7		72.8		69.3		55.0		48.4		39.9		M	
PRINCESS ANNE	40.0	4.4	41.4	4.1			55.2	-4	60.7	-3.1	68.8	-2.9	77.2	1.2	73.3	-1.7	70.1	1.5	55.7	-1.9	50.7	2.7	40.6	1.4	M	
SALISBURY	39.8	3.1	41.4	3.0	44.8	-1.2	55.7	-1.1	61.6	-3.2	69.7	-2.9	77.5	.5M	70.7	.8	56.4	-2.7	50.7	1.2	41.7	1.4	M			
SALISBURY FAA ARPT	37.5	2.4	39.4	2.8	43.3	-1.9	53.4	-1.8	59.7	-3.4	68.8	-2.8	76.9	4	72.5	-2.8	69.2	.6	54.2	-3.2	49.1	1.4	40.3	1.5	55.4	-1.4
SNOW HILL 4 N	39.5	3.5	41.0	3.5	44.4	-1.6	54.7	-1	60.9	-2.6	68.9	-2.7	77.5	1.6	73.2	-1.8	71.0	2.0	55.6	-2.5	50.2	1.7	41.1	1.6	56.5	.3
--DIVISIONAL DATA----->	39.2	3.2	40.8	3.3	44.2	-1.9	54.8	-1	60.7	-3.1	68.3	-3.7	76.8	2	73.0	-2.8	70.1	.5	55.4	-3.3	49.8	.9	40.7	.9	56.2	-1.3
CENTRAL EASTERN SHORE 02																										
ROYAL OAK 2 SSW	38.5	3.5	40.3	3.6	44.3	-1.9	55.4	-4	61.9	-3.3	71.1	-2.4	77.9	2	73.2	-3.4	70.3	.0	55.9	-3.4	49.0	.1	40.7	1.8	56.5	-1.4
VIENNA	40.5	4.6	41.1	3.6	44.9	-1.7	54.8	-8M					79.8	2.4	74.6	-1.7	70.4	.5	56.3	-2.6	50.6	1.6	40.8	1.2	M	
--DIVISIONAL DATA----->	39.5	4.5	40.7	4.0	44.6	-1.3	55.1	-2	61.9	-2.7	71.1	-1.8	78.9	1.7	73.9	-2.1	70.4	.7	56.1	-2.6	49.8	1.3	40.8	2.0	56.9	.4
LOWER SOUTHERN 03																										
LA PLATA 1 W	38.4	3.8	40.9	4.1	44.7	-1.5	55.6	.1	60.2	-3.8	68.7	-2.9	75.9	.0	70.6	-4.2	67.5	-1.3	54.3	-3.3	49.4	2.1	39.7	1.8	55.5	-1.3
MECHANICSVILLE 5 NE	37.9		40.3		44.4		54.7		60.3		68.3		76.0		70.8		66.9		53.4		48.5		39.2		55.1	
OWINGS FERRY LANDING	37.2	2.7	40.1	3.8	43.4	-1.2	54.5	-1.0	60.7	-3.7	68.8	-3.4	76.1	-2	71.5	-3.5	67.3	-1.5	54.3	-3.4	48.1	.2	38.9	.8	55.1	-1.9
--DIVISIONAL DATA----->	37.8	2.9	40.4	3.5	44.2	-1.0	54.9	-1.8	60.4	-4.2	68.6	-3.8	76.0	-1.7	71.0	-4.6	67.2	-2.1	54.0	-4.0	48.7	.7	39.3	.7	55.2	-1.0
UPPER SOUTHERN 04																										
ANNAPOLIS POLICE BRKS	36.9		39.6		42.8		54.7		62.9		70.6		78.1		72.8		69.4		55.3		47.6		39.8		55.9	
BALTIMORE WSO ARPT	R 34.6	1.9	37.1	2.4	41.3	-2.0	52.0	-2.0	60.8	-2.6	70.1	-2.1	77.4	.6	72.3	-3.3	67.7	-1.2	54.3	-2.6	47.2	.9	38.9	2.4	54.5	-1.6
BELTSVILLE	35.1	3.8	37.9	4.9	41.6	-1.3	52.2	-5	59.4	-2.4	69.4	-1.9	76.4	1.2	71.4	-2.6	67.0	-2.2	53.0	-2.0	46.8	1.8	36.8	1.5	53.9	.4
COLLEGE PARK	37.4	3.4	40.0	3.8	43.4	-1.2	54.3	-1.1	61.3	-3.4	71.0	-1.9	78.7	1.5	73.5	-2.5	68.6	-1.6	55.0	-2.4	48.0	1.1	38.7	1.4	55.8	-2
DALECARLIA RESERVOIR	M		M		M		M		M		M		M		M		M		M		M		M		M	
GLENN DALE BELL STN	37.3	4.1	40.1	4.7	43.5	-1.4	53.7	-5	59.6	-3.8	68.2	-3.0	76.1	.5	71.4	-3.1	67.4	-1.6	53.8	-2.8	46.8	.5	39.4	2.7	54.8	-1.1
LAUREL 3 W	35.8	2.4	37.9	2.2	41.7	-2.5	52.4	-2.8	60.2	-4.2	69.8	-2.8	76.2	-1.0M	70.8	-3.3	67.7	-3.3	54.0	-4.2	46.2	-1.3	36.5	-1.4		
NATIONAL ARBORETUM DC	37.4	2.6	39.8	3.0	43.6	-2.0	54.4	-1.8	61.2	-4.0	70.6	-2.8	77.9	2	72.4	-4.3	67.7	-2.4	54.1	-4.2	47.2	-1.9	38.1	-1.4	55.4	-1.4
UPPER MARLBORO 3 NNW	36.2		38.9		42.3		52.6		59.4		68.5		76.0		72.4		66.7		53.2		47.0		37.2		M	
--DIVISIONAL DATA----->	36.3	3.1	38.9	3.8	42.5	-1.2	53.3	-1.1	60.6	-3.1	69.8	-2.1	77.1	.6	72.3	-3.0	67.6	-1.1	54.1	-2.9	47.1	.5	38.2	1.3	54.8	-1.3
NORTHERN EASTERN SHORE 05																										
CHESTERTOWN	36.0	2.9	38.2	3.2	42.5	-1.9	53.2	-1.9	60.4	-3.3	70.5	-1.8	76.9	.0	72.5	-3.3	67.1	-2.2	53.8	-4.0	46.1	-1.9	37.6	.6	54.6	-1.9
MILLINGTON 1 SE	36.3	4.1	38.7	4.6	42.2	-1.6	52.6	-1.6	60.1	-2.6	69.2	-1.9	76.0	.4	71.3	-3.2	67.7	-1.3	53.8	-2.7	47.5	1.4	38.8	2.7	54.5	.1
--DIVISIONAL DATA----->	36.2	3.0	38.5	3.4	42.4	-1.1	52.9	-1.2	60.3	-3.2	69.9	-2.2	76.5	.0	71.9	-3.5	67.4	-1.6	53.8	-3.8	46.8	-1.2	38.2	1.2	54.6	-1.7
NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FIEL	M		M 38.8		43.2		54.5		M 61.2		70.7		M 77.2		M		M 67.9		M		M		M 40.7		M	
BALTIMORE CITY	R 40.7	5.2	42.9	5.6	46.2	.7	58.1	1.3	64.6	-1.7	74.3	-1.0	81.9	2.0	77.1	-1.3	71.2	-1.5	57.7	-2.4	49.7	.5	40.4	1.1	58.7	.8
BENSON POLICE BARRACKS	36.5	5.3	39.2	5.6	43.2	1.1	54.8	2.0	63.1	.7	70.9	.3	77.9	3.0	73.4	-4	69.3	1.8	55.9	-1.1	47.8	2.5	38.4	3.3	55.9	2.1
CATOCTIN MOUNTAIN PARK	31.9		34.3		37.9		50.8		58.0		65.5		71.4		67.2		62.8		51.7		41.8		32.3		50.5	
CLARKSVILLE 3 NNE	35.1		38.1		41.6		51.9		59.5		68.0		75.4		69.9		66.4		52.2		46.4		37.1		53.5	
CONOWINGO DAM	34.9	4.7M																								
DAMASCUS 2 SW	34.6																									
EMMITSBURG 2 SE	33.3		37.2		40.6		51.6		58.3		66.6		74.1		69.0		64.7		51.6		44.4		35.2		52.2	
FREDERICK POLICE BRKS	36.4		39.5		42.9		54.7		61.6		70.5		78.0		72.9		67.6		55.1		46.6		37.6		55.3	
MILLERS 4 NE	33.4		36.5		39.2		51.2		59.1		66.9		73.4		69.0		64.7		51.8		44.5		35.0		52.1	
ROCKVILLE 1 NE	35.3	2.0	38.5	3.1	42.3	-1.8	53.4	-1.5	60.2	-3.7	68.8	-2.7	76.3	.6	71.0	-3.4	65.9	-1.8	52.7	-4.1	45.9	-1.4	37.6	1.2	54.0	-1.0
TOWSON	M		M		M		M		M		M		M		M		M		M		M		M		M	
UNIONVILLE	33.1	3.6	36.3	4.4	40.2	-1.7	51.1	-1.4	58.6	-2.3	66.9	-2.4	74.5	.9	69.4	-2.8	64.9	-1.4	51.3	-2.5	44.5	1.3	34.6	1.2	52.1	.0
WESTMINSTER POL BRKS	34.9	4.8	37.3	5.1	41.4	-4	53.3	1.1	60.7	-1.8	69.3	-1.6	76.4	2.2	72.0	-1.0	67.0	.7	54.9	.0	45.5	1.2	36.1	2.1	54.1	1.3
WOODSTOCK	35.3	3.9	38.1	4.6	41.5	-1.6	53.0	.1	60.5	-1.9	68.8	-1.5	75.9	1.0	70.8	-2.7	66.4	-1.4	53.3	-1.9	45.8	1.1	36.6	1.4	53.8	.3
--DIVISIONAL DATA----->	35.0	3.4	38.1	4.4	41.7	-1.6	53.2	.0	60.5	-2.1	68.9	-1.9	76.0	.9	71.1	-2.8	66.6	-1.8	53.5	-2.3	45.7	.5	36.8	1.5	53.9	.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

MARYLAND AND
DELAWARE
1992

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	33.5	2.6	36.6	3.4	41.8	-1.3	53.5	.0	60.2	-2.6	67.5	-2.9	74.1	-1.3	68.9	-4.3	64.3	-2.3	52.7	-2.3	44.3	.2	33.7	-1.6	52.6	-1.8
FROSTBURG 2	28.2		31.1		34.0		46.7		53.7		61.2		68.9		63.9		59.4		47.8		39.0		28.6		46.9	
HAGERSTOWN	32.9	2.3	35.9	3.0	39.3	-2.8	51.9	-1.7	59.2	-3.9	67.6	-3.4	74.6	1.7	70.2	-3.2	65.1	-1.7	51.8	-3.5	44.2	-1.1	33.7	-1.5	51.6	.1
HANCOCK	31.9	2.7	35.7	4.6	39.5	-1.5	52.3	1.2	58.5	-1.7	66.5	-2.0	74.6	1.7	68.5	-3.2	64.1	-1.8	50.9	-2.0	43.6	.8	33.0	.1	51.6	.1
--DIVISIONAL DATA----->	31.6	1.5	34.8	2.6	38.7	-2.3	51.1	-1.2	57.9	-3.7	65.7	-3.8	72.5	-1.9	67.9	-4.4	63.2	-2.5	50.8	-3.5	42.8	-1.8	32.3	-1.4	50.8	-1.6
ALLEGHENY PLATEAU 08																										
MC HENRY 2 NW	26.6		30.0		34.0		46.4		53.9		61.3		68.3		64.2		59.8		46.8		38.5		28.5		46.5	
OAKLAND 1 SE	28.1	1.9	32.2	4.2	36.9	.5	47.9	.7	54.6	-1.7	61.4	-2.2	69.3	1.9	64.4	-2.3	60.7	.2	48.1	-1.4	41.2	2.0	30.2	.3	47.9	.3
SAVAGE RIVER DAM	29.5	3.1	32.5	4.6	37.1	.3	48.5	.1	55.6	-2.2	62.8	-2.6	70.1	.6	65.3	-3.3	60.9	-1.1	48.8	-2.0	40.6	.3	29.6	-1.6	48.4	-1.2
--DIVISIONAL DATA----->	28.1	2.6	31.6	4.4	36.0	.2	47.6	.4	54.7	-1.9	61.8	-2.2	69.2	1.5	64.6	-2.2	60.5	-1.1	47.9	-1.6	40.1	1.0	29.4	.0	47.6	.2
DELAWARE																										
NORTHERN 01																										
NEWARK UNIVERSITY FARM	35.9	4.2	38.0	4.3	41.0	-1.1	52.5	-1.3	60.8	-1.9	69.5	-1.8	75.9	.2	71.3	-3.2	67.3	-1.6	53.2	-3.1	46.3	.5	38.0	2.4	54.1	.0
WILMINGTON WSO ARPT	35.2	4.0	37.2	4.0	41.5	-1.3	52.0	-1.4	60.7	-1.5	69.6	-1.6	76.3	.3	72.2	-2.6	67.3	-1.6	53.2	-3.1	47.2	1.6	38.3	2.8	54.2	.2
WILMINGTON PORTER RSVR	35.1	4.3	36.8	4.2	40.7	-1.3	51.3	-1.5	60.1	-1.5	69.3	-1.1	75.5	.6	71.6	-2.1	66.5	-1.4	53.0	-2.7	46.5	1.3	37.7	2.6	53.7	.4
--DIVISIONAL DATA----->	35.4	3.8	37.3	3.8	41.1	-1.9	51.9	-1.8	60.5	-1.9	69.5	-1.7	75.9	.2	71.7	-2.8	67.0	-1.8	53.1	-3.3	46.7	.9	38.0	2.3	54.0	.0
SOUTHERN 02																										
DOVER	38.0	3.6	39.1	2.7	42.3	-2.0	52.6	-2.1	60.4	-3.8	69.4	-3.2	76.9	-1.1	72.6	-3.2	68.1	-1.5	55.4	-3.2	47.8	-1.4	39.5	1.1	55.2	-1.0
GEORGETOWN 5 SW	37.1	2.9	38.6	2.8	42.7	-1.8	52.3	-1.3	58.4	-4.7	67.0	-4.5	76.0	-1.1	71.8	-3.1	68.4	.0	53.6	-3.4	48.9	1.7	39.0	1.2	54.5	-1.8
GREENWOOD 2 NE	36.7		38.1		41.6		52.0		58.9		68.2		76.1		70.9		67.2		53.2		47.3		38.6		54.1	
LEWES	39.0	4.4	40.6	4.5	43.1	-1.2	52.9	-1.2	60.3	-1.8	69.3	-1.4	77.6	2.4	73.4	-1.9	70.5	2.1	56.8	-1.7	50.2	2.2	41.5	3.0	56.3	1.1
--DIVISIONAL DATA----->	37.7	3.2	39.1	3.0	42.4	-1.5	52.5	-1.6	59.5	-3.9	68.5	-3.3	76.7	.5	72.2	-2.9	68.6	-1.1	54.8	-2.9	48.6	.8	39.7	1.4	55.0	-1.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND
DELAWARE
1992

					LAST SPRING MINIMUM OF										FIRST FALL MINIMUM OF										NUMBER OF DAYS BETWEEN DATES				
STATION	HIGHEST	DATE	LOWEST	DATE	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	96	7/14	11	1/20	MSG	15	MSG	20	MSG	24	MSG	28	MSG	32	10/20	31	11/16	26	12/9	20	12/9	20	NONE	15			199	199	175
PRINCESS ANNE					MSG		MSG		MSG		MSG		MSG		10/20		11/16		12/9		12/9		NONE			316	276	229	199
SALISBURY	96	7/14	7	1/20	2/10	12	3/24	20	3/25	24	4/14	25	4/14	32	10/20	25	10/20	25	11/16	24	12/24	18	12/25	14	14319	275	236	199	189
SALISBURY FAA ARPT					MSG		MSG		MSG		MSG		MSG		10/20		11/16		12/24		12/24		12/25			276	210	199	160
SNOW HILL 4 N	94	7/14	8	1/20	2/10	11	3/24	20	3/24	20	4/14	25	4/30	32	10/7	32	10/20	23	10/20	23	12/25	14	12/25	14	319	276	210	199	160
CENTRAL EASTERN SHORE 02																													
ROYAL OAK 2 SSW	96	7/14	14	1/20	2/10	16	2/13	20	3/16	23	4/14	28	4/14	28	11/9	27	11/9	27	12/10	24	12/25	19	NONE			316	269	219	219
VIENNA			14	1/19	2/10	16	2/10	16	3/22	24	MSG		MSG		10/20	28	10/20	28	12/10	24	12/27	19	NONE			321	263		
LOWER SOUTHERN 03																													
LA PLATA 1 W	92	7/14	12	1/17	2/10	15	2/10	15	3/24	24	4/14	25	4/15	30	10/20	29	11/9	27	12/25	18	12/25	18	NONE			319	276	219	198
MECHANICSVILLE 5 NE	94	7/14	9	1/20	2/10	13	2/10	13	4/14	24	4/14	24	4/15	30	10/20	28	10/20	28	11/9	24	12/25	15	12/25	15	15319	319	219	199	198
OWINGS FERRY LANDING	95	7/14	10	1/20	2/10	12	3/17	20	4/14	23	4/14	23	4/15	31	10/20	28	10/20	28	11/16	23	12/25	15	12/25	15	15319	283	226	199	198
UPPER SOUTHERN 04																													
ANNAPOLIS POLICE BRKS	99	7/14	11	1/17	1/26	16	3/23	19	3/23	19	4/14	28	4/14	28	10/20	29	11/16	26	12/25	17	12/25	17	NONE			277	277	226	199
BALTIMORE WSO ARPT	98	7/14	9	1/19	2/10	11	3/17	20	3/24	23	4/14	25	4/14	25	10/20	28	10/20	28	11/16	24	12/24	18	12/25	15	15319	282	237	199	199
BELTSVILLE	97	7/15	8	1/20	2/11	14	3/17	18	3/24	23	4/14	26	4/14	26	10/20	27	10/20	27	11/9	24	12/25	14	12/25	14	14318	283	230	199	199
COLLEGE PARK	100	7/15	12	1/20	2/10	13	3/16	20	3/17	21	3/25	28	4/15	29	10/20	29	11/9	26	12/25	17	12/25	17	12/27	16	321	284	283	229	198
DALECARLIA RESERVOIR					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
GLENN DALE BELL STN	96	7/14	7	2/10	2/10	7	3/24	17	3/25	22	4/13	28	5/21	30	10/7	31	10/20	24	10/20	24	11/16	20	12/25	15	16319	237	209	200	139
LAUREL 3 W			8	1/19	3/16	15	3/16	15	4/14	23	4/15	25	4/13	32	10/20	27	10/20	27	11/17	22	12/24	15	12/24	15	15283	283	227	198	190
NATIONAL ARBORETUM DC	98	7/15	12	1/20	2/11	16	2/11	16	3/17	22	3/24	27	4/14	30	10/20	29	10/21	28	12/25	17	12/25	17	12/27	16	320	318	283	211	199
UPPER MARLBORO 3 NNW			6	1/20	3/24	16	4/14	20	4/15	24	4/16	25	4/27	31	10/20	28	10/20	28	11/9	24	12/25	15	12/25	15	15276	265	218	197	176
NORTHERN EASTERN SHORE 05																													
CHESTERTOWN	97	7/14	11	1/20	2/10	13	3/16	20	3/17	24	4/14	27	4/14	27	10/20	29	11/8	27	11/9	23	12/24	19	12/25	15	15319	283	237	218	199
MILLINGTON 1 SE	95	7/14	8	1/20	2/10	10	2/13	19	3/24	21	4/14	25	4/16	31	10/20	26	10/20	26	11/9	23	12/10	20	12/25	15	15319	301	230	199	197
NORTHERN CENTRAL 06																													
ABERDEEN PHILLIPS FIEL	96	7/15	10	2/10	2/10	10	3/16	20	3/16	20	3/25	27	4/14	31	MSG		MSG		MSG		MSG		MSG						
BALTIMORE CITY	102	7/14	18	1/19	NONE		1/19	18	3/16	24	3/16	24	4/13	32	11/9	32	12/6	28	12/24	20	12/24	20	NONE			340	283	265	220
BENSON POLICE BARRACKS	98	7/14	10	1/20	2/10	11	3/17	20	3/17	20	4/13	28	4/13	32	10/20	29	11/9	25	12/10	24	12/25	15	12/25	15	15319	282	268	220	190
CATOCTIN MOUNTAIN PARK	88	7/14	3	1/19	3/16	10	3/24	18	4/13	22	4/13	27	4/13	27	10/20	26	10/20	26	11/9	24	11/16	20	12/25	12	284	237	220	190	190
CLARKSVILLE 3 NNE	97	7/14	5	1/20	3/17	15	3/25	20	4/14	21	4/14	21	5/21	32	10/6	32	10/20	23	11/9	20	12/25	12	12/25	12	283	229	199	199	138
CONOWINGO DAM					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
DAMASCUS 2 SW					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
EMMITSBURG 2 SE	91	7/15	1	1/27	3/16	16	3/24	19	3/25	22	4/15	28	4/13	29	10/7	31	10/20	24	10/20	24	12/25	15	12/25	15	15284	276	209	198	177
FREDERICK POLICE BRKS	99	7/15	10	1/19	2/10	13	3/16	18	3/16	18	4/13	28	4/14	30	10/20	31	11/9	27	12/24	24	12/25	16	12/25	16	16319	284	283	220	199
MILLERS 4 NE	92	7/14	6	1/20	3/16	15	3/24	20	3/24	20	4/14	27	4/13	30	10/18	31	10/20	26	11/9	21	12/25	13	12/25	13	13284	276	230	199	188
ROCKVILLE 1 NE	95	7/14	11	1/19	2/10	12	3/16	18	3/24	24	4/13	28	4/14	30	10/20	29	11/9	26	11/16	24	12/24	19	12/27	14	321	283	237	220	199
TOWSON					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
UNIONVILLE	95	7/14	5	1/27	3/17	16	3/25	20	3/25	20	4/14	25	5/21	31	10/6	30	10/20	22	10/20	22	11/16	17	12/25	13	283	236	209	199	138
WESTMINSTER POL BRKS	96	7/15	3	1/19	3/16	16	3/21	19	3/22	24	3/22	24	4/13	31	10/20	30	11/9	25	12/6	16	12/6	16	12/6	16	16265	260	259	232	190
WOODSTOCK	97	7/14	6	1/20	2/10	8	3/17	18	3/25	22	4/14	25	4/15	32	10/7	32	10/20	25	11/9	21	12/25	13	12/25	13	13319	283	229	199	185
APPALACHIAN MOUNTAIN 07																													
CUMBERLAND 2	92	7/14	8	2/9	3/16	15	3/16	15	3/24	24	4/13	26	4/13	30	10/17	30	10/19	24	10/19	24	12/14	20	12/24	12	283	273	209	199	187
FROSTBURG 2	84	7/15	0	1/20	3/17	7	4/14	19	4/14	24	4/14	24	4/14	24	10/7	31	10/18	28	10/20	23	11/16	18	12/6	15	266	426	189	187	176
HAGERSTOWN			8	1/19	3/17	15	3/17	15	3/24	22	4/13	26	4/14	31	10/20	26	10/20	26	11/9	24	12/25	15	12/25	15	15283	283	230	200	189
HANCOCK	94	7/15	3	2/10	3/16	16	3/28	18	4/14	24	4/16	26	4/13	32	10/6	30	10/20	21	10/20	21	11/9	19	12/25	11	284	226	199	197	176

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND
DELAWARE
1992

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																													
MC HENRY 2 NW	83	5/18	-1	1/20	3/17	4	4/4	19	4/14	22	4/14	22	5/7	32	9/30	32	10/19	27	10/20	21	11/14	20	11/16	15	244	224	189	188	146
OAKLAND 1 SE	83	9/9	-16	2/10	3/24	10	4/4	17	4/13	23	5/28	28	5/28	28	9/30	28	9/30	28	10/18	23	10/20	16	10/20	16	210	199	188	125	125
SAVAGE RIVER DAM	88	7/15	-2	2/11	3/17	12	3/17	12	4/4	22	4/14	28	5/7	32	10/6	31	10/18	28	10/20	22	11/16	17	12/6	16	264	244	199	187	152
DELAWARE																													
NORTHERN 01																													
NEWARK UNIVERSITY FARM	96	7/15	9	1/20	2/12	16	3/17	20	3/25	24	4/4	27	4/13	31	10/20	26	10/20	26	11/9	22	12/25	15	12/25	15	317	283	229	199	190
WILMINGTON WSO ARPT	97	7/14	10	1/19	2/10	12	3/16	19	3/16	19	3/25	28	4/5	31	10/19	32	11/9	26	12/9	24	12/24	20	NONE			283	268	229	197
WILMINGTON PORTER RSVR	95	7/14	11	1/19	2/12	15	3/16	18	3/16	18	3/24	26	4/13	31	10/20	30	11/9	28	12/6	24	12/24	20	NONE			283	265	230	190
SOUTHERN 02																													
DOVER	94	7/15	11	1/20	2/10	12	3/16	20	3/17	23	3/24	25	4/4	30	10/20	30	11/9	27	11/16	24	12/25	17	NONE			284	244	230	199
GEORGETOWN 5 SW	97	7/16	6	1/20	2/11	12	3/22	20	3/22	20	4/4	25	4/30	32	10/20	29	11/9	25	11/14	24	12/25	13	12/25	13	318	278	237	219	173
GREENWOOD 2 NE	96	7/14	9	1/20	2/10	11	3/17	20	3/24	23	4/4	25	4/14	30	10/20	25	10/20	25	12/6	23	12/10	19	12/25	15	319	268	257	199	189
LEWES	98	7/14	13	1/20	1/20	13	3/16	20	3/16	20	3/24	27	4/4	32	11/10	31	12/6	27	12/10	24	12/25	18	NONE			284	269	257	220

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

MARYLAND AND
DELAWARE
1992

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	-	-	-	11	39	46	308	251	160	0	0	0	-	
PRINCESS ANNE	0	0		11	39	132	387	266	185	11	5	0	-	1097
SALISBURY	0	0	0	30	51	155	393	266	200	14	7	0	-	1190
SALISBURY FAA ARPT	0	0	0	20	36	139	377	243	172	8	2	0	997	1096
SNOW HILL 4 N	0	0	0	32	46	143	397	263	213	12	7	0	1113	1053
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	0	0	20	55	191	408	260	201	8	0	0	1143	1245
VIENNA	0	0	0	20	-	-	465	304	199	8	2	0	-	1292
LOWER SOUTHERN 03														
LA PLATA 1 W	0	0	0	24	37	135	344	183	138	6	1	0	868	1040
MECHANICSVILLE 5 NE	0	0	0	23	39	128	350	190	131	3	0	0	864	1058
OWINGS FERRY LANDING	0	0	0	13	42	136	352	207	129	3	1	0	883	1108
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	0	7	67	186	412	248	172	6	0	0	1098	1271
BALTIMORE WSO ARPT	0	0	0	6	39	168	392	232	139	4	0	0	980	1137
BELTSVILLE	0	0	0	5	32	154	361	210	129	2	0	0	893	954
COLLEGE PARK	0	0	0	18	54	198	431	273	164	7	0	0	1145	1196
DALECARLIA RESERVOIR														1213
GLENN DALE BELL STN	0	0	0	11	32	125	350	211	128	5	0	0	862	984
LAUREL 3 W	0	0	0	5	39	164	355	-	116	8	0	0	-	1165
NATIONAL ARBORETUM DC	0	0	0	17	49	186	404	237	140	2	0	0	1035	1160
UPPER MARLBORO 3 NNW	0	0	0	5	30	125	353	-	122	0	1	0	-	944
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	0	0	8	40	178	375	241	128	5	0	0	975	1139
MILLINGTON 1 SE	0	0	0	4	33	143	350	205	138	1	2	0	876	980
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	-	0	0	10	38	185	384	-	150	-	-	0	-	1087
BALTIMORE CITY	0	0	0	39	99	285	530	380	228	18	1	0	1580	1608
BENSON POLICE BARRACKS	0	0	0	5	70	191	406	271	166	4	0	0	1113	1025
CATOCTIN MOUNTAIN PARK	0	0	0	1	26	65	209	101	55	0	0	0	457	
CLARKSVILLE 3 NNE	0	0	0	4	26	112	332	166	121	0	0	0	761	
CONOWINGO DAM	0													935
DAMASCUS 2 SW	0													
EMMITSBURG 2 SE	0	0	0	1	16	77	287	141	94	0	0	0	616	811
FREDERICK POLICE BRKS	0	0	0	7	49	178	410	253	144	6	0	0	1047	
MILLERS 4 NE	0	0	0	0	28	93	266	141	89	0	0	0	617	
ROCKVILLE 1 NE	0	0	0	12	31	139	358	195	109	0	0	0	844	889
TOWSON	-													1131
UNIONVILLE	0	0	0	1	20	93	301	155	92	0	0	0	662	649
WESTMINSTER POL BRKS	0	0	0	4	43	153	358	228	133	7	0	0	926	887
WOODSTOCK	0	0	0	4	39	136	347	193	114	0	0	0	833	956
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	0	0	3	38	104	288	134	86	1	0	0	654	952
FROSTBURG 2	0	0	0	0	4	9	141	46	25	0	0	0	225	
HAGERSTOWN	0	0	0	4	27	108	-	177	90	0	0	0	-	909
HANCOCK	0	0	0	7	23	86	305	129	80	0	0	0	630	687
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	0	0	0	0	13	18	120	52	28	0	0	0	231	
OAKLAND 1 SE	0	0	0	0	5	20	150	49	38	0	0	0	262	277
SAVAGE RIVER DAM	0	0	0	0	7	28	173	63	36	0	0	0	307	388

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

MARYLAND AND
DELAWARE
1992

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	4	39	155	345	202	132	0	0	0	877	1033
WILMINGTON WSO ARPT	0	0	0	3	39	156	358	230	134	3	0	0	923	1046
WILMINGTON PORTER RSVR	0	0	0	4	40	151	331	217	116	2	0	0	861	930
SOUTHERN 02														
DOVER	0	0	0	7	37	152	373	241	147	9	1	0	967	1199
GEORGETOWN 5 SW	0	0	0	14	26	98	346	221	155	5	2	0	867	976
GREENWOOD 2 NE	0	0	0	7	24	123	350	192	128	4	1	0	829	
LEWES	0	0	0	11	46	146	396	268	190	9	6	0	81072	1066

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL EVAPORATION AND WIND MOVEMENT

MARYLAND AND
DELAWARE
1992

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MARYLAND														
UPPER SOUTHERN 04 BELTSVILLE	WIND	-	-	-	B 1392	709	519	780	370	377	457	-	-	-
	EVAP	-	-	-	B 4.58	4.44	6.44	B 7.39	B 5.23	3.57	B 3.18	-	-	-
	MAX TEMP	-	-	-	67.4	M 78.1	88.0	M 91.6	88.1	M 82.2	M 67.1	-	-	M
	MIN TEMP	-	-	-	44.9	M 52.2	61.1	M 68.7	65.0	M 59.0	M 44.4	-	-	M
UPPER MARLBORO 3 NNW	WIND	-	-	-	B 332	467	136	341	-	B 298	386	B 465	-	-
	EVAP	-	-	-	B 3.70	4.80	5.61	B 5.91	-	B 3.96	2.81	B 1.57	-	-
	MAX TEMP	-	-	-	65.9	72.5	-	83.5	-	74.8	M 62.0	52.6	-	M
	MIN TEMP	-	-	-	43.1	54.1	-	73.6	-	67.3	M 54.6	47.5	-	M
ALLEGHENY PLATEAU 08 SAVAGE RIVER DAM														
	WIND	-	-	-	B 1515	1230	887	797	723	698	-	-	-	-
	EVAP	-	-	-	B 4.12	B 4.85	3.95	B 4.37	B 3.85	B 3.26	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE														
NORTHERN 01 NEWARK UNIVERSITY FARM	WIND	-	-	-	1509	1348	863	874	649	856	845	1170	-	-
	EVAP	-	-	-	B 3.52	B 5.40	B 6.70	7.30	B 7.45	B 5.50	B 3.64	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN 02 GEORGETOWN 5 SW	WIND	-	-	-	2415	2006	1608	-	-	-	-	-	-	-
	EVAP	-	-	-	-	B 4.81	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	-	-	73.0	-	-	-	-	-	-	M
	MIN TEMP	-	-	-	-	-	62.3	-	-	-	-	-	-	M

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
1992

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	68	68	0			C H
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	35	35	0			H
ASSATEAGUE IS NATL SEA	0335	01	WORCESTER	38 14	79 8W	10	26	26	0			H
BALTIMORE WSO ARPT	0465	04	ANNE ARUNDEL	39 11	76 40W	148	59	59	0			H
BALTIMORE CITY #	0470	06	BALTIMORE CI	39 17	76 37W	14	23	23	0			C H
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	120	56	56	5			C
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	46	46	0			H
BOYDS 2 NW	1032	06	MONTGOMERY	39 13	77 20W	580	37	37	0			H
BRIGHTON DAM	1125	06	MONTGOMERY	39 12	77 1W	330	0	44	0			
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	38 34	76 4W	5	95	95	0			H
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	27	27	0			C H
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	88	88	0			H
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	27	27	0			H
COLLEGE PARK	1995	04	PRINCE GEORG	38 59	76 57W	90	107	107	0			C H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	58	58	0			
CRISFIELD SOMERS COVE	2215	01	SOMERSET	37 59	75 52W	8	27	27	0			
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	21	21	0			H
DALECARLIA RESERVOIR	2325	04	DIS COLUMBIA	38 56	77 7W	150	48	48	0			
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	722	20	20	0			H
DENTON 2 E	2523	02	CAROLINE	38 53	75 48W	50	39	39	0			H
EDGE MONT	2770	07	WASHINGTON	39 40	77 33W	905	0	55	0			
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	38	38	0			H
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	21	21	0			H
FREDERICK 3 E	3355	06	FREDERICK	39 24	77 22W	385	0	41	0			H
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	22	22	0			H
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	73	73	0			H
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	52	52	0			H
HANCOCK	4030	07	WASHINGTON	39 42	78 11W	428	60	60	0			C H
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	79	79	0			H
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	103	103	0			
MC HENRY 2 NW	5832	08	GARRETT	39 35	79 22W	2680	23	23	0			C H
MECHANICSVILLE 5 NE	5865	03	ST MARYS	38 27	76 41W	100	32	32	0			H
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	0	42	0			H
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	7	7	0			C H
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	97	97	0			
NATIONAL ARBORETUM DC	6350	04	DIS COLUMBIA	38 54	76 59W	50	47	47	0			H
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	96	96	0			H
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	77	77	0			H
PATUXENT RIVER	6915	03	ST MARY'S	38 20	76 25W	38	14	14	0			C H
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270	0	32	0			
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	45	45	0			
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	46	46	0			H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	46	46	0			H
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	87	87	0			
SALISBURY FAA ARPT #	8005	01	WICOMICO	38 20	75 31W	50	46	46	0			H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	43	46	4			C H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	78	78	0			H
TALL TIMBERS	8757	03	ST MARYS	38 10	76 33W	12	1	1	0			H
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	56	81	0			
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	54	52	0			C
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	38	38	3			H
VIENNA	9140	02	DORCHESTER	38 29	75 50W	10	45	45	0			
WESTMINSTER POL BRKS	9440	06	CARROLL	39 33	76 58W	765	15	15	0			H

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
1992

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	124	124	0			H
BALTIMORE WSO ARPT	R9875	04	ANNE ARUNDEL	39 11	76 40W	148	59	59	0			J
BALTIMORE WSO ARPT	R9876	04	ANNE ARUNDEL	39 11	76 40W	148	59	59	0			J
DELAWARE												
DOVER	2730	02	KENT	39 9	75 31W	30	106	105	0			
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	48	48	400			C H H
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	9	9	000			H
LEWES	5320	02	SUSSEX	38 46	75 8W	15	50	50	000			
MIDDLETOWN 3 E	5852	01	NEW CASTLE	39 27	75 40W	55	38	38	0			H
MILFORD 4 SE	5915	02	SUSSEX	38 54	75 28W	30	94	94	0			
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	81	81	37			C H H
WILMINGTON WSO ARPT	R9595	01	NEW CASTLE	39 40	75 36W	79	46	46	0			J
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	82	82	000			H H
WILMINGTON WSO ARPT	R9875	01	NEW CASTLE	39 40	75 36W	79	46	46	0			J
WILMINGTON WSO ARPT	R9876	01	NEW CASTLE	39 40	75 36W	79	46	46	0			J

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
1992

DEFINITIONS

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

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

NORMALS: The average value of the meteorological element over the time period - 1951-1980. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

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

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

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

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

SYMBOLS AND LETTERS USED IN THE DATA TABLES

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

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

Thermometers located in a rooftop shelter.

C Station is equipped with a recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.

G Observations appear in "Soil Temperatures" table.

H Observations appear in "Snowfall and Snow on Ground" table in Monthly "Climatological Data" publications.

J Station also published as a "Local Climatological Data" bulletin.

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

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

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

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

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Similar historical information for regular National Weather Service Offices is available from the "Local Climatological Data" annual bulletin.

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

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:

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

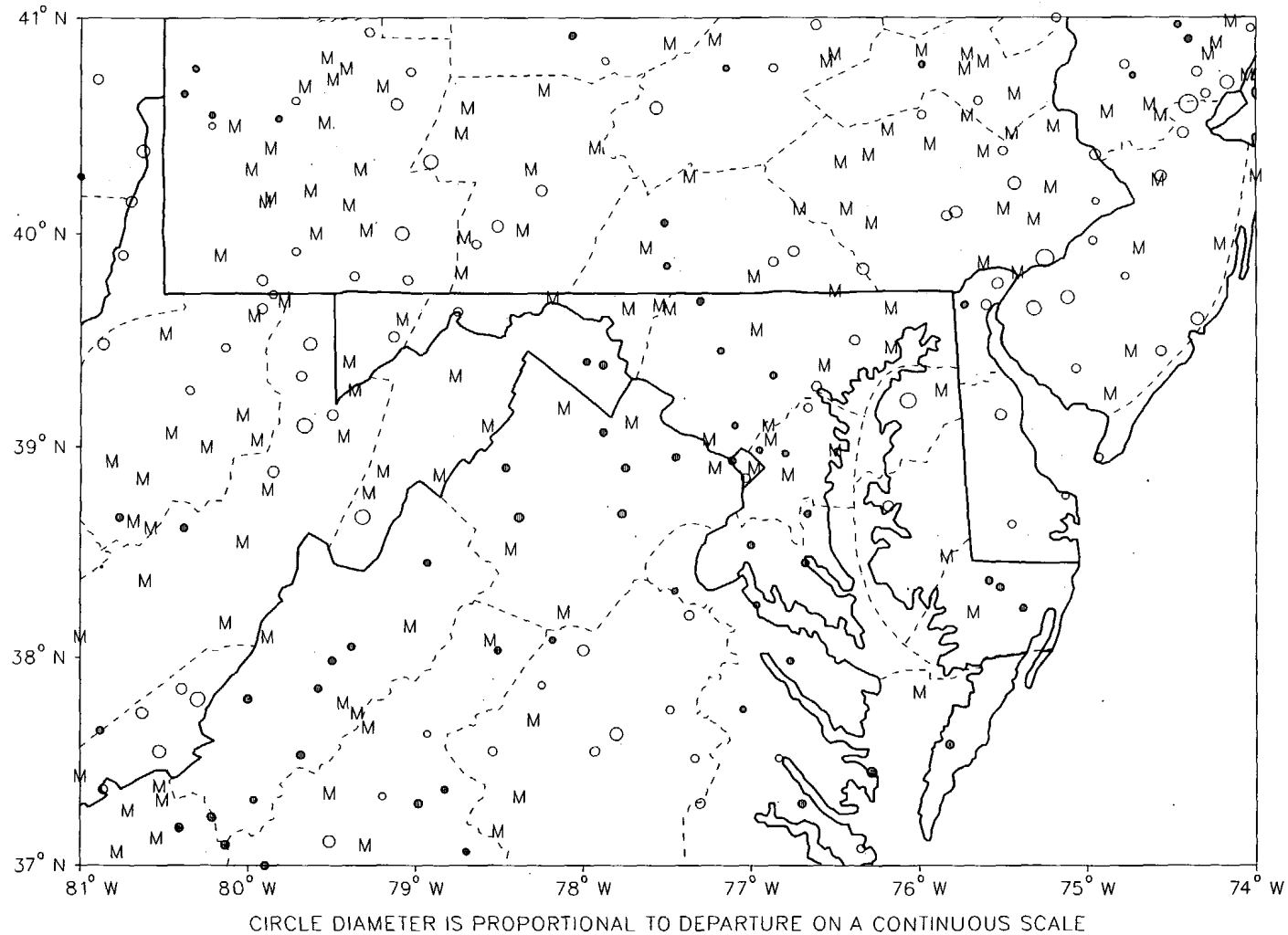
CUMULATIVE ANNUAL PRECIPITATION DEPARTURE FROM INDIVIDUAL STATION NORMALS (1951-1980) FOR 1992 DELAWARE

M INCOMPLETE DATA FOR THE PERIOD

▽ EXACTLY NORMAL

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

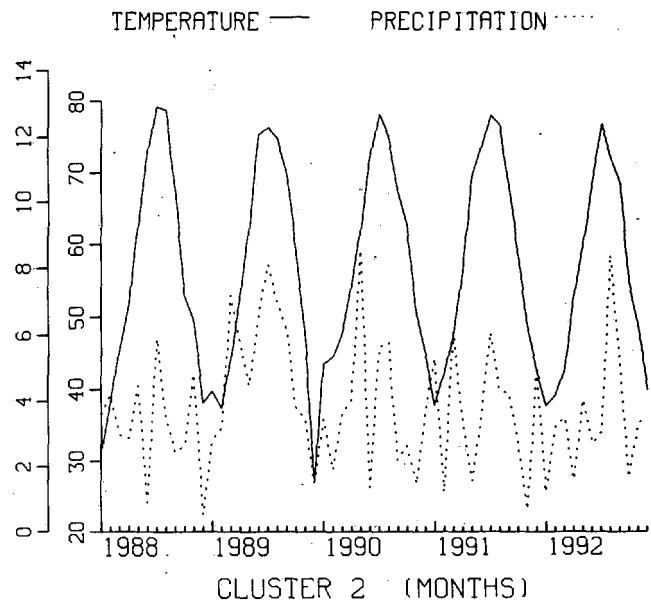
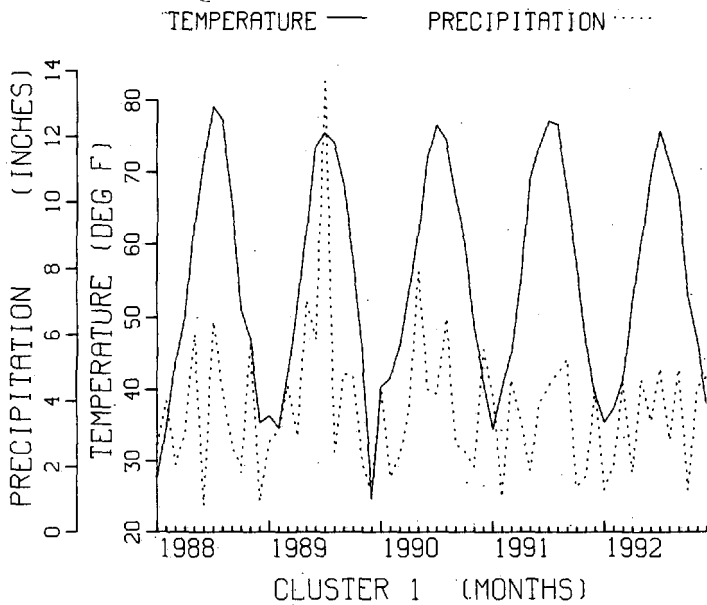
● ● ● ● 10,20,40,...100% OR MORE ABOVE NORMAL



MONTHLY TEMPERATURE AND PRECIPITATION FOR
THE LAST 60 MONTHS
ENDING DECEMBER 1992
DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02



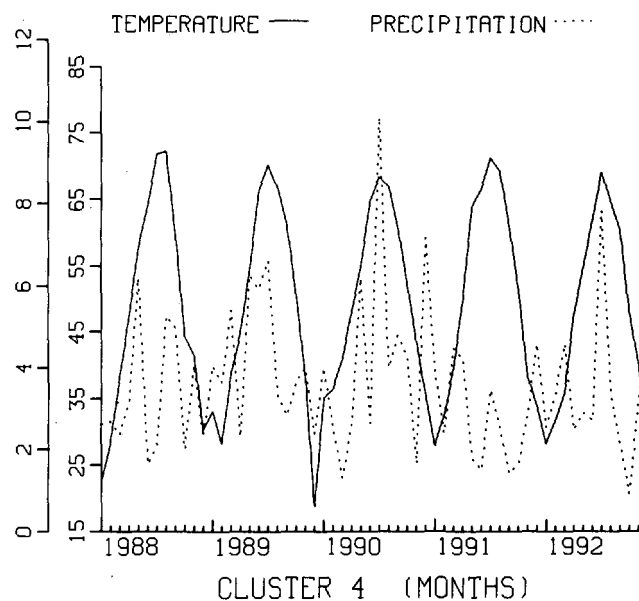
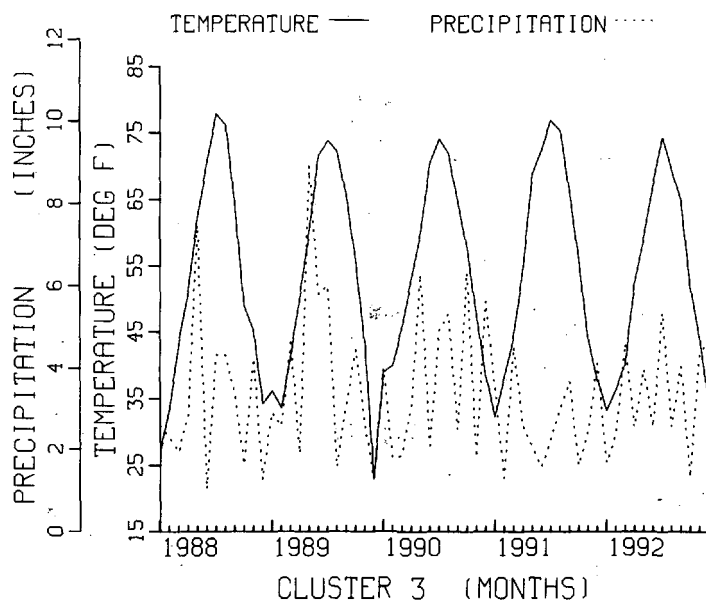
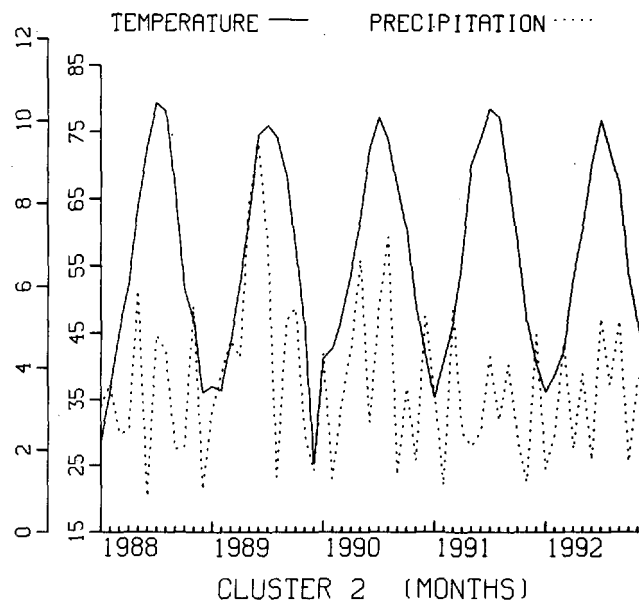
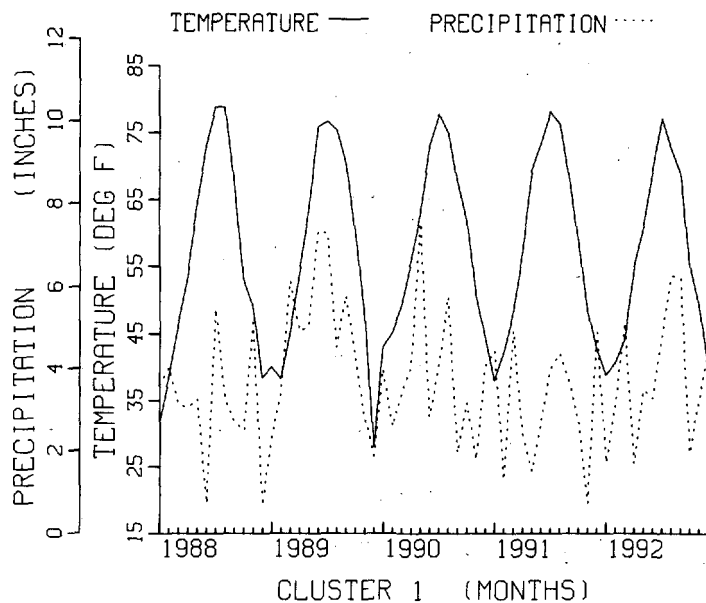
MONTHLY TEMPERATURE AND PRECIPITATION FOR THE LAST 60 MONTHS ENDING DECEMBER 1992 MARYLAND

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

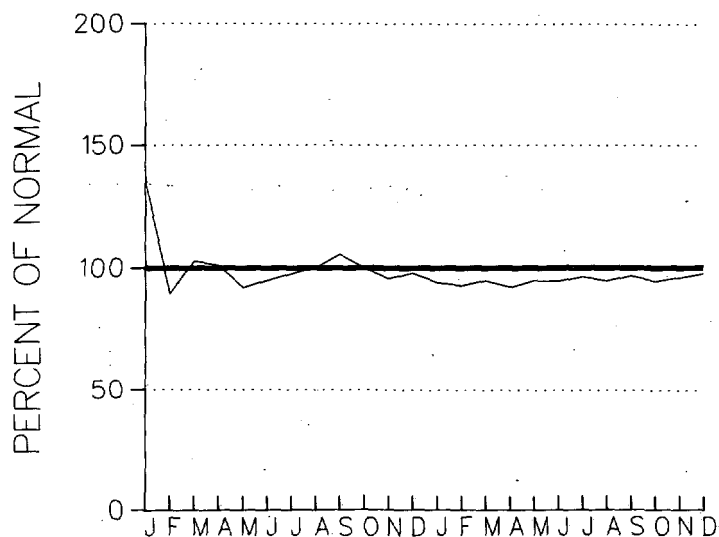
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



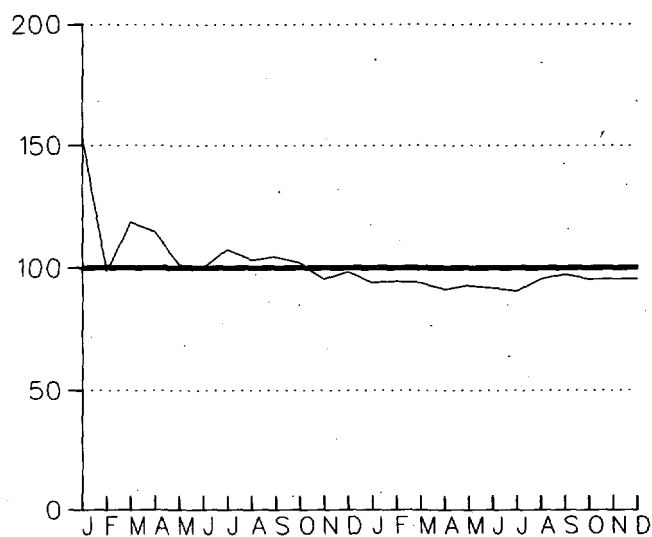
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
 FOR THE LAST 24 MONTHS
 ENDING DECEMBER 1992
 DELAWARE

CLUSTER 1 -DIVISION(S):
 NORTHERN 01

CLUSTER 2 -DIVISION(S):
 SOUTHERN 02



CLUSTER 1



CLUSTER 2

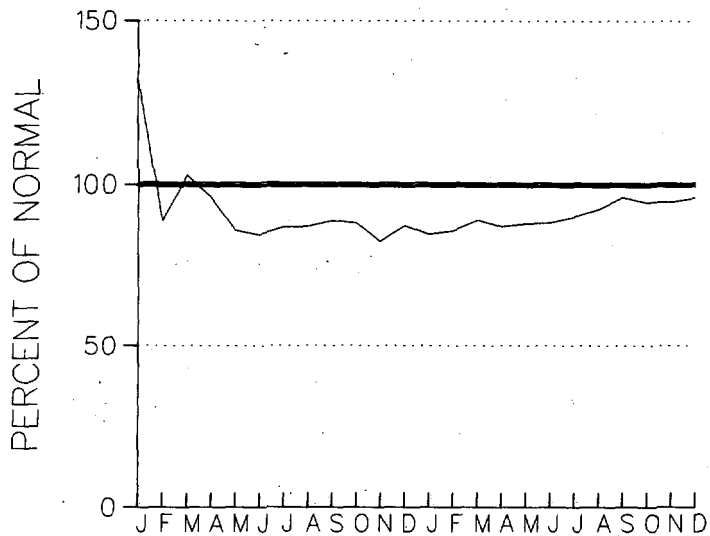
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980) FOR THE LAST 24 MONTHS ENDING DECEMBER 1992 MARYLAND

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

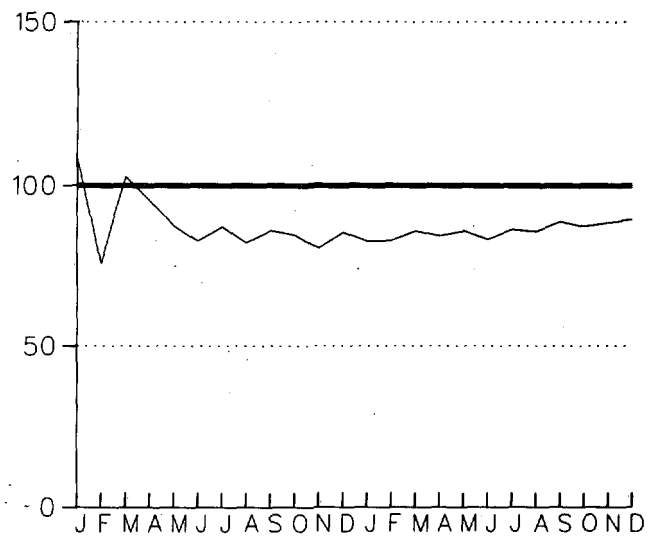
CLUSTER 3 - DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

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

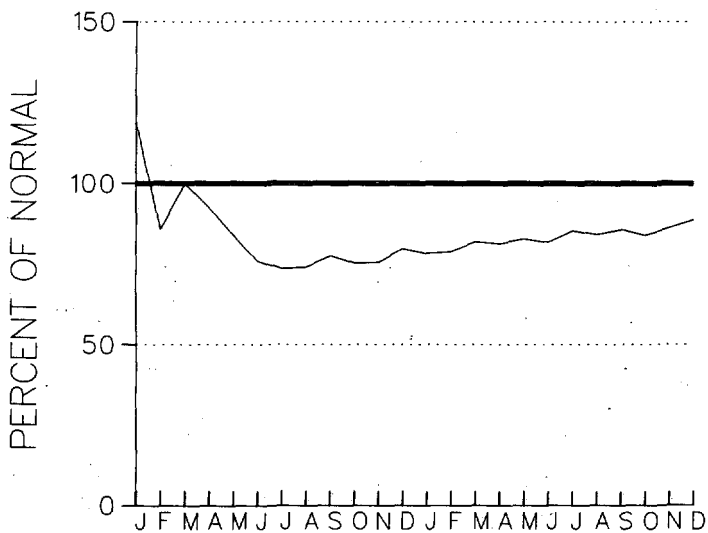
CLUSTER 4 - DIVISION(S):
ALLEGHENY PLATEAU 08



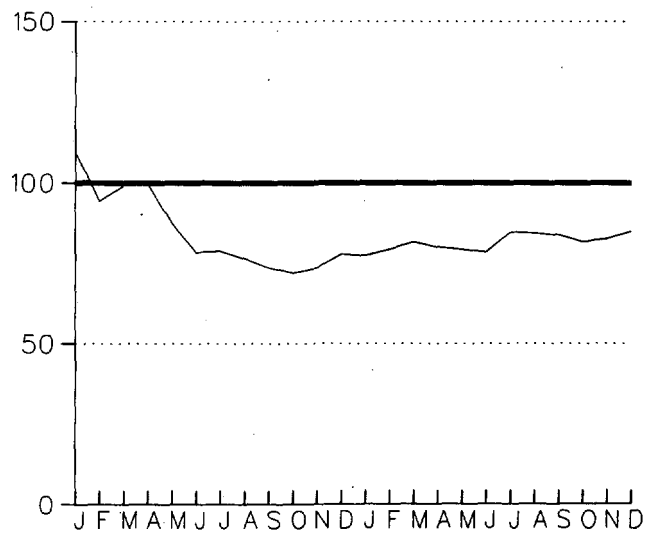
CLUSTER 1



CLUSTER 2



CLUSTER 3

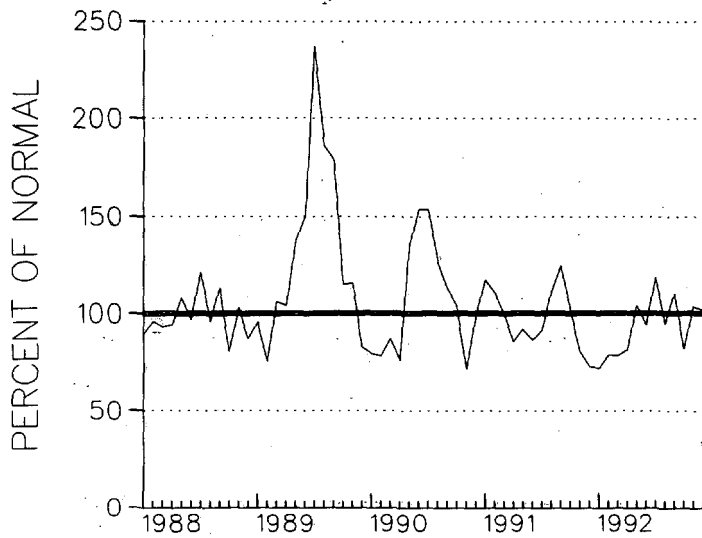


CLUSTER 4

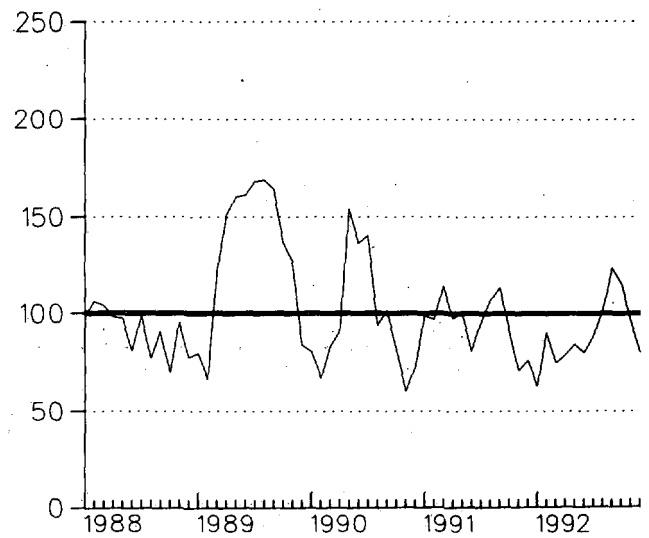
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1992 DATA
DELAWARE

CLUSTER 1 - DIVISION(S):
NORTHERN 01

CLUSTER 2 - DIVISION(S):
SOUTHERN 02



CLUSTER 1



CLUSTER 2

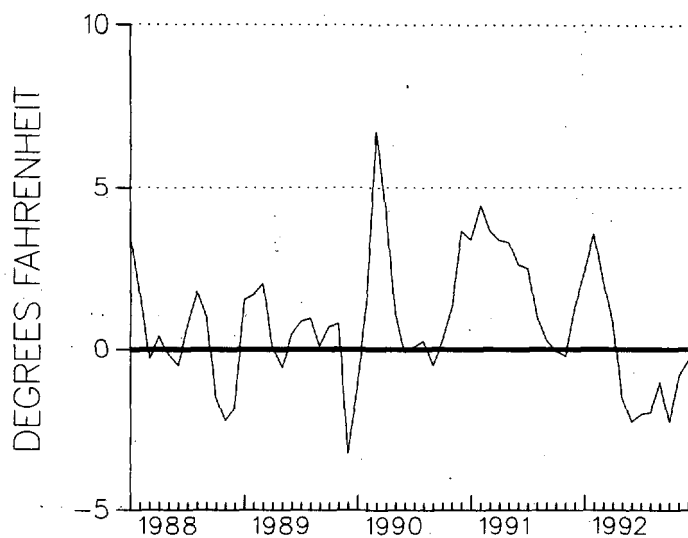
TEMPERATURE DEPARTURES FROM NORMAL (1951-1980) THREE MONTH RUNNING MEAN FOR THE 60 MONTHS ENDING WITH DECEMBER 1992 DATA MARYLAND

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

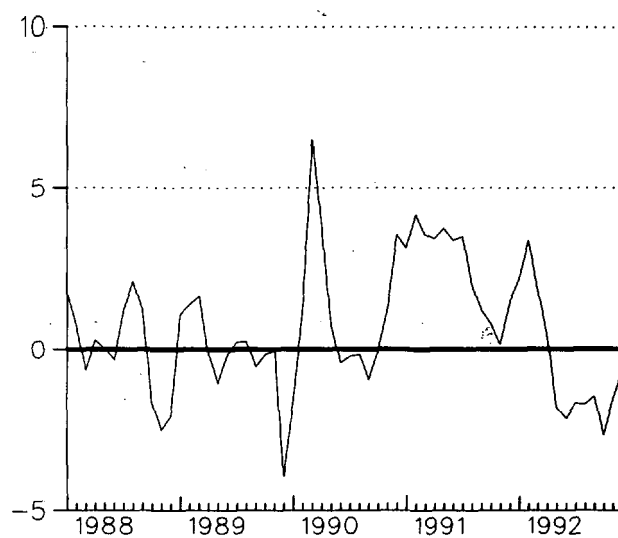
CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

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

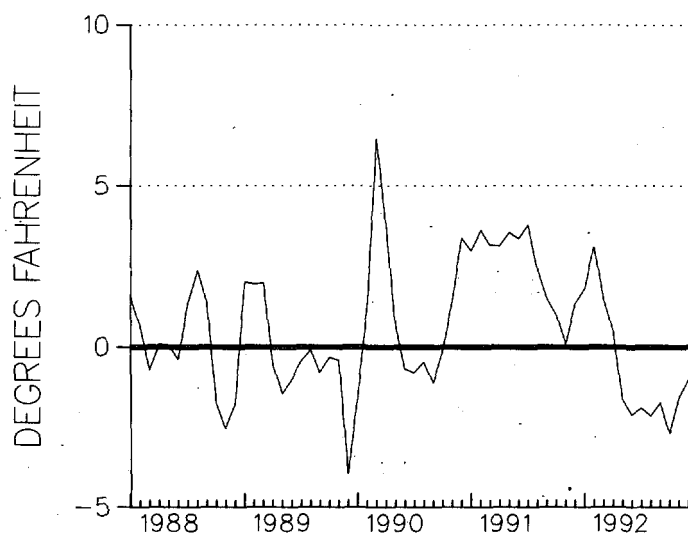
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



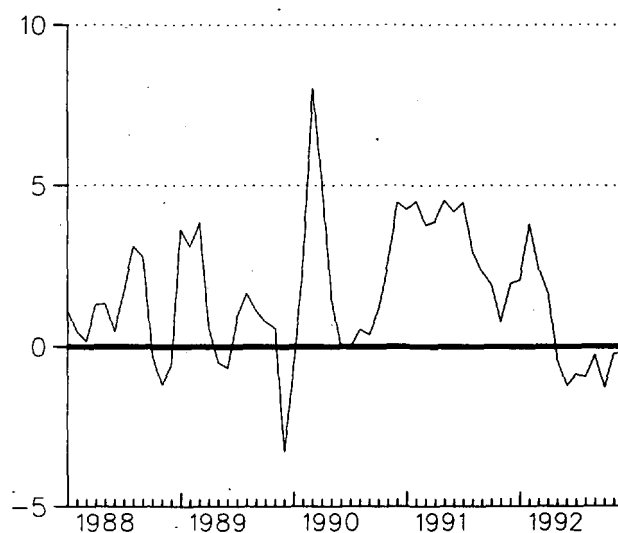
CLUSTER 1



CLUSTER 2



CLUSTER 3

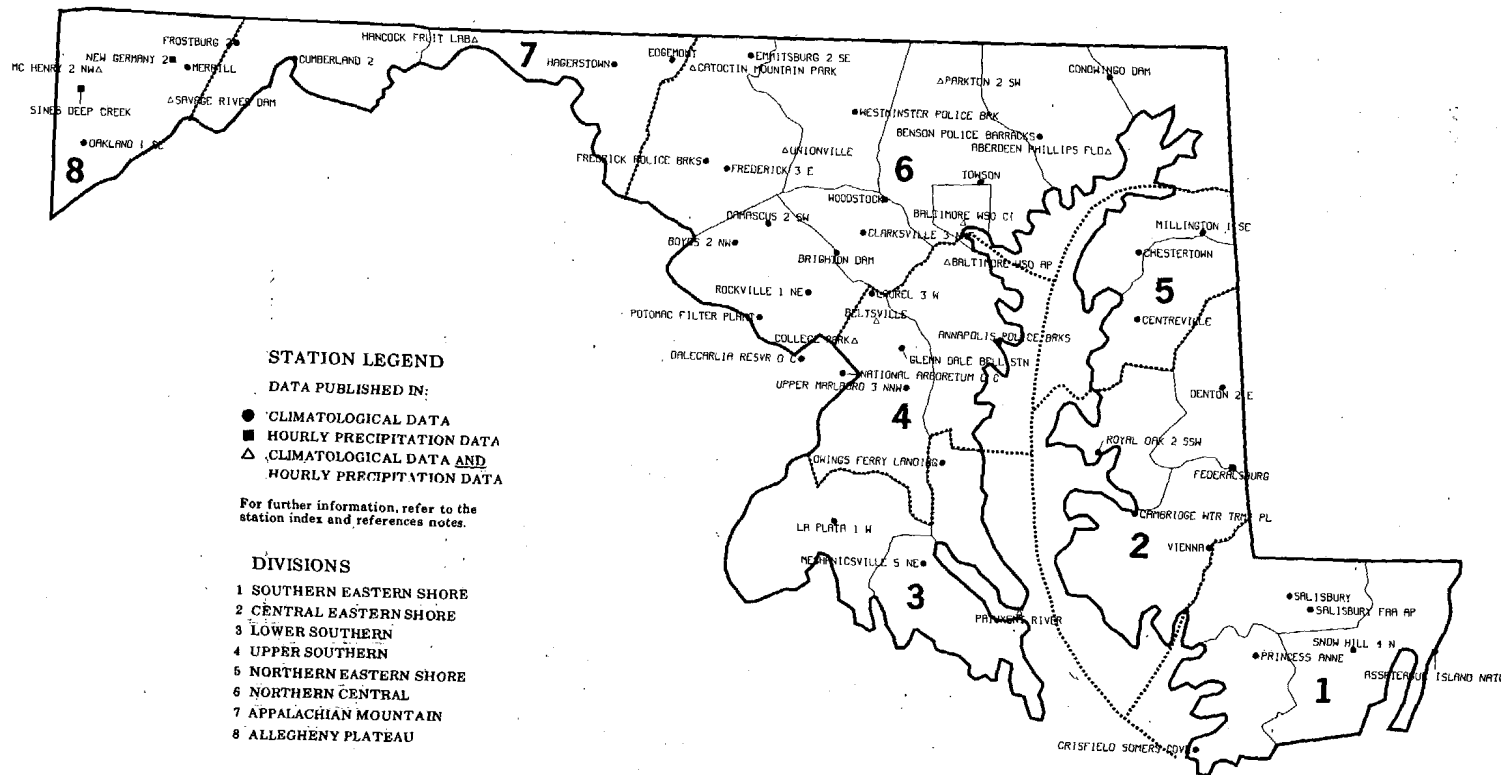
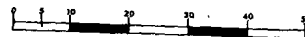


CLUSTER 4

18 - MARYLAND & D.C.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29.5 AND 45.5 DEGS.

STATUTE MILES



40.0 76.0

75.0

40.0

07 - DELAWARE

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 39.5 AND 45.5 DEGS.

STATUTE MILES



STATION LEGEND

DATA PUBLISHED IN:

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

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

DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN

39.0

39.0

2

WILMINGTON PORTER RESERVOIR

NEWARK UNIVERSITY PARK

WILMINGTON MSD HP

1

MIDDLETOWN 1 WSW

DOVER

MILFORD 4 SE

BRIDGEVILLE 1 NW

LEWES

GEORGETOWN 5 SW

38.0 76.0

75.0

38.0

MONTHLY PRECIPITATION TOTALS													ANNUAL 1987 NORTH CAROLINA
STATION	ANNUAL	MONTH											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NORTH CAROLINA													
ASHEVILLE HSO 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	2.75					2.77	4.15	2.34
ASHFORD	26.74E	1.20	2.70	2.90	0.54E						3.89	4.80	2.80
BADIN			1.30	2.60	1.25						2.40	4.10	2.90
B EVERETT JORDAN DAM		1.70	1.50	3.60							1.70		
BOONER 5 HSW			1.00	2.10									
BURLINGTON 3 HNE			0.80	1.92E									
CAPE HATTERAS WSD	48.86		5.75	1.70									
CARTHAGE 8 SE			0.55										
CATALDOCHEE													
CHARLOTTE HSO AP	26.91												
CLINTON 2 NE	35.91												
DALTON													
DOBSON													
EDEN													
ELIZABETH													
ELIZABETH													
FAIRFAX													
GREENSBORO													
GREENSBORO													
HELDON													
HOBOKEN													
LAKE LURE													
LAURINBURG													
LEXINGTON													
MOOREVILLE 2													
MOOREHEAD CITY													
MOUNT PLEASANT													
N WILKESBORO 12													
POLKTON 2 NE													
QUEBEC													
SALFORD-DURHAM HSO													
ROANOKE RAPIDS													
ROARING GAP 1 NW													
SHELBY 2													
SNEADS FERRY 2 ENE													
SWANANOA 2 SSE													
WILKINGTON HSO AP													
WILSON 3 SW													
YADKINVILLE 6 E	28.0												

HOURLY PRECIPITATION DATA NORTH CAROLINA

DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12

31 - NORTH CAROLINA

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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.

call or write to the
NATIONAL CLIMATIC DATA CENTER
37 Battery Park Avenue, Asheville, NC 28801-2696
Phone (704) 259-0682 or (704) CLIMATE

noaa

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

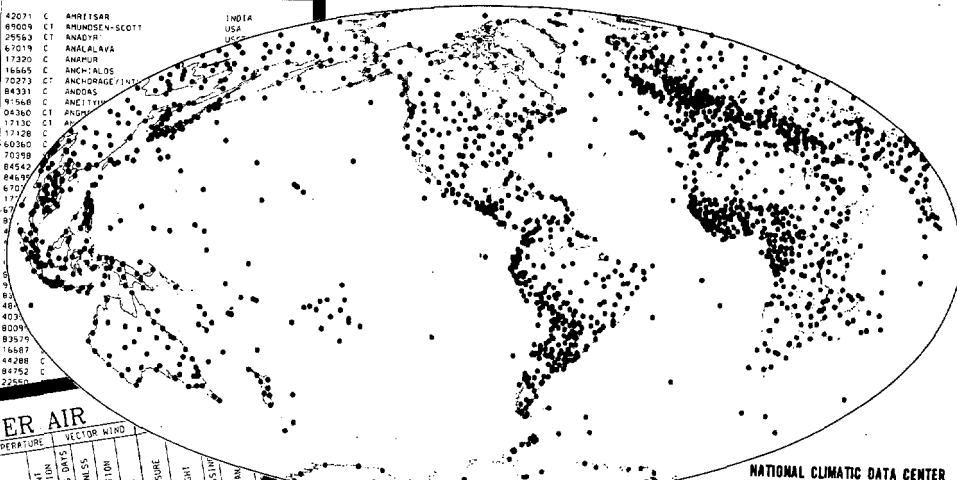
NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

STATION LIST WMO PUB 9 VOL A

41266 C	150HAR) MARJIS	DMAN	42071 C	ANRETSAR	INDIA
40831 C	ABACAN	IRAN, ISLAMIC REP	88008 C	BRUNSDEN-SCOTT	USA
47409 C	ABASHIRI	JAPAN	25563 C	ANADYR	USSR
71108 C	ABGETSFORD, B. C.	CANADA	47019 C	ANALAYLA	
64756 C	ABECHE	CHAD	17320 C	ANAPUR	
03091 C	ABERDEEN/DIOCE	U K/INDOON	16665 C	ANCHALOS	
41112 C	ABJA	SAUDI ARABIA	70373 C	ANCHORAGE/FIN	
65570 C	ABIDJAN	COTE D'IVOIRE	84331 C	ANDOS	
72266 C	ABILENE, TX	USA	91568 C	ANEITTI	
41216 C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	04360 C	ANDR	
41217 C	ABU DHABI INTL AIRPORT	U ARAB EMIRATES	17130 C	ANDR	
92640 C	ABU HAMED	SUDAN	17128 C	ANDR	
52795 C	ABU NA'AMA	SUDAN	60360 C	ANDR	
78650 C	ACAJUTLA	EL SALVADOR	70298 C	ANDR	
76805 C	ACAPULCO, GRD	MEXICO	84542 C	ANDR	
80427 C	ACAPULCO	MEXICO	24639 C	ANDR	
17352 C	ACAPULCO	MEXICO	6707 C	ANDR	
63450 C	ADAMS ABABA	ETHIOPIA	177 C	ANDR	
94672 C	ADLAIDE AIRPORT	AUSTRALIA	67 C	ANDR	
41467 C	ADEN, CHOPKASSAR	YEMEN	67 C	ANDR	
65585 C	ADIAKE	COTE D'IVOIRE	67 C	ANDR	
60320 C	ADIR	ALGERIA	67 C	ANDR	
76679 C	ADIR, INTL MEXICO, C. F.	MEXICO	67 C	ANDR	
76644 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
76794 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
87582 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
17190 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
61024 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
60250 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
61974 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
42261 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
16672 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
42647 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
60560 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
61495 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
07761 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
31168 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
17184 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
47582 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	
61437 C	ADIR, INTL MEXICO, YUC.	MEXICO	67 C	ANDR	

CLIMATIC DATA STATIONS - WORLDWIDE



NATIONAL CLIMATIC DATA CENTER

UPPER AIR																				
ASIA - JAPAN			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	WIND	WIND	WIND	WIND	PRESSURE	HEIGHT	WIND	WIND	WIND	PRESSURE	HEIGHT	WIND	WIND	WIND	PRESSURE	HEIGHT	WIND	WIND	WIND
hPa	km	km/h	kt	kt	kt	hPa	km	km/h	kt	kt	hPa	km	km/h	kt	kt	hPa	km	km/h	kt	kt
1000	0	1000	1000	1000	1000	900	0	900	900	900	800	0	800	800	800	700	0	700	700	700
900	0	900	900	900	900	800	0	800	800	800	700	0	700	700	700	600	0	600	600	600
800	0	800	800	800	800	700	0	700	700	700	600	0	600	600	600	500	0	500	500	500
700	0	700	700	700	700	600	0	600	600	600	500	0	500	500	500	400	0	400	400	400
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500	0	500	500	500	500	400	0	400	400	400	300	0	300	300	300	200	0	200	200	200
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10	0	10	10	10	10	5	0	5	5	5	2	0	2	2	2	1	0	1	1	1
5	0	5	5	5	5	2	0	2	2	2	1	0	1	1	1	0.5	0	0.5	0.5	0.5
2	0	2	2	2	2	1	0	1	1	1	0.5	0	0.5	0.5	0.5	0.2	0	0.2	0.2	0.2
1	0	1	1	1	1	0.5	0	0.5	0.5	0.5	0.2	0	0.2	0.2	0.2	0.1	0	0.1	0.1	0.1
0.5	0	0.5	0.5	0.5	0.5	0.2	0	0.2	0.2	0.2	0.1	0	0.1	0.1	0.1	0.05	0	0.05	0.05	0.05
0.2	0	0.2	0.2	0.2	0.2	0.1	0	0.1	0.1	0.1	0.05	0	0.05	0.05	0.05	0.02	0	0.02	0.02	0.02
0.1	0	0.1	0.1	0.1	0.1	0.05	0	0.05	0.05	0.05	0.02	0	0.02	0.02	0.02	0.01	0	0.01	0.01	0.01
0.05	0	0.05	0.05	0.05	0.05	0.02	0	0.02	0.02	0.02	0.01	0	0.01	0.01	0.01	0.005	0	0.005	0.005	0.005
0.02	0	0.02	0.02	0.02	0.02	0.01	0	0.01	0.01	0.01	0.005	0	0.005	0.005	0.005	0.002	0	0.002	0.002	0.002
0.01	0	0.01	0.01	0.01	0.01	0.005	0	0.005	0.005	0.005	0.002	0	0.002	0.002	0.002	0.001	0	0.001	0.001	0.001
0.005	0	0.005	0.005	0.005	0.005	0.002	0	0.002	0.002	0.002	0.001	0	0.001	0.001	0.001	0.0005	0	0.0005	0.0005	0.0005
0.002	0	0.002	0.002	0.002	0.002	0.001	0	0.001	0.001	0.001	0.0005	0	0.0005	0.0005	0.0005	0.0002	0	0.0002	0.0002	0.0002
0.001	0	0.001	0.001	0.001	0.001	0.0005	0	0.0005	0.0005	0.0005	0.0002	0	0.0002	0.0002	0.0002	0.0001	0	0.0001	0.0001	0.0001
0.0005	0	0.0005	0.0005	0.0005	0.0005	0.0002	0	0.0002	0.0002	0.0002	0.0001	0	0.0001	0.0001	0.0001	0.00005	0	0.00005	0.00005	0.00005
0.0002	0	0.0002	0.0002	0.0002	0.0002	0.0001	0	0.0001	0.0001	0.0001	0.00005	0	0.00005	0.00005	0.00005	0.00002	0	0.00002	0.00002	0.00002
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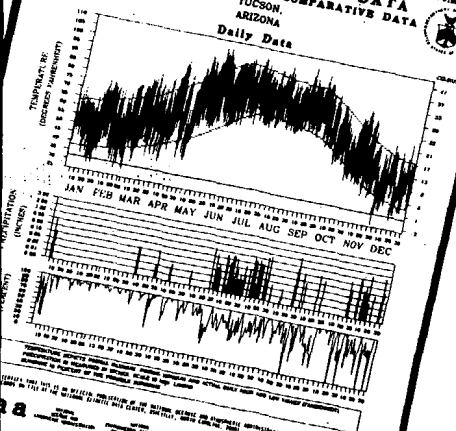
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