

REVISED ISSUE - REPLACES PREVIOUS ISSUE
(SEE BACK COVER)

ISSN 0145-0549

CLIMATOLOGICAL DATA ANNUAL SUMMARY MARYLAND AND DELAWARE 1983

VOLUME 87 NUMBER 13



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

L. Roy Hoxit

ACTING DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1983

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 STATE PARK	M 4.32		M 5.57		M 8.25		6.20		5.44		2.22	
CRISFIELD SOMERS COVE												
PRINCESS ANNE	2.23	-1.10	2.50	-.80	6.52	2.53	5.44	2.12	4.27	.92	2.13	-1.28
SALISBURY	2.20	-1.32	3.74	.33	8.07	3.85	5.70	2.39	3.91	.59	4.05	.43
SALISBURY FAA AP	2.30	-1.08	3.17	-.16	7.67	3.59	6.30	3.14	6.07	2.69	3.81	.26
SNOW HILL 4 N	2.40	-1.23	4.07	.47	6.01	1.41	6.93	3.61	5.80	2.37	2.26	-1.54
--DIVISIONAL DATA----->	2.69	-.73	3.81	.50	7.30	3.15	6.11	2.95	5.10	1.79	2.89	-.54
CENTRAL EASTERN SHORE 02												
CAMBRIDGE WTR TRMT PL	1.55	-1.94	2.60	-.56	6.23	2.17	7.10	3.80	6.47	2.87	3.01	-.56
DENTON 2 E	1.58	-1.74	2.63	-.28	6.46	2.54	8.02	4.70	7.41	3.91	4.75	1.09
ROYAL OAK 2 SSW	1.75	-1.69	3.30	.10	7.46	3.39	9.02	5.61	6.08	2.45	5.98	2.55
VIENNA	1.47	-2.05	3.31	.04	4.62	.70	6.61	3.27	4.23	1.21	3.16	-.40
--DIVISIONAL DATA----->	1.59	-1.83	2.96	-.16	6.19	2.26	7.69	4.42	6.05	2.62	4.23	.75
LOWER SOUTHERN 03												
LA PLATA 1 W	2.11	-1.03	2.47	-.41	4.33	.57	8.05	4.88	6.48	3.01	1.24	-2.54
MECHANICSVILLE 1 SE	2.19		3.49		7.03		8.12		5.54		4.35	
OWINGS FERRY LANDING	1.89	-1.25	1.16	-1.56 M			7.12	3.88	6.33	2.53	4.36	.65
PATUXENT RIVER	1.86		3.53		6.80		8.18		5.18		7.40	
SOLOMONS	M .81		2.62	-.39	5.80	2.09	7.17	4.12	4.36	.98	2.14	-1.12
--DIVISIONAL DATA----->	2.01	-1.26	2.65	-.26	5.99	2.24	7.73	4.60	5.58	1.99	3.90	.27
UPPER SOUTHERN 04												
ANNAPOLIS POLICE BRKS	1.57		M 1.50		8.10		8.42		5.69		5.14	
BALTIMORE WSO AP	2.21	-.79	4.81	1.83	6.80	3.08	6.55	3.20	5.47	2.03	5.23	1.47
BELTSVILLE	1.47	-1.44	2.17	-.33	6.07	2.58	7.67	4.30	5.22	1.41	8.22	4.33
COLLEGE PARK	1.45	-1.56	2.77	-.02	5.63	1.98	7.46	4.09	4.78	.93	7.34	3.49
DALECARLIA RESVR D C	1.69	-1.38	3.66	.73	5.51	1.68	8.55	4.95	4.92	1.15	7.10	3.42
GLENN DALE BELL STN	1.82	-1.24	3.47	.72	6.07	2.37	7.64	4.12	5.77	1.83	11.27	7.40
LAUREL 3 W	1.36	-1.51	3.03	-.34	5.31	1.65	9.25	5.85	7.03	2.97	6.06	2.17
NATIONAL ARBORETUM D C	1.73	-1.44	2.84	-.01	4.32	.57	7.45	4.08	4.80	.87	5.04	1.09
UPPER MARLBORO 3 NNW	1.78	-1.50	2.68	-.05	5.07	1.35	9.45	6.13	6.28	2.68	4.31	.47
--DIVISIONAL DATA----->	1.68	-1.38	3.18	.39	5.88	2.20	8.05	4.68	5.55	1.80	6.63	2.83
NORTHERN EASTERN SHORE 05												
CENTREVILLE	2.06		3.46		7.81		8.43		7.50		5.32	
CHESTERTOWN	2.12	-1.16	3.82	.87	6.99	3.01	8.09	4.84	6.20	2.58	4.29	.05
MILLINGTON 2 WNW	1.04	-2.12	3.22	.35 M	7.39		8.15	4.97	8.84	5.42	7.48	3.81
--DIVISIONAL DATA----->	1.74	-1.53	3.50	.62	7.40	3.64	8.22	5.02	7.51	4.06	5.70	1.84
NORTHERN CENTRAL 06												
ABERDEEN PHILLIPS FLD	2.60		2.23		7.31		8.48		4.80		5.81	
BALTIMORE WSO CI	2.73	-.34	4.86	1.79	9.76	5.83	7.30	3.79	5.53	1.90	6.15	2.44
BENSON POLICE BARRACKS	2.76	-.67	3.38	.50	7.98	3.94	9.26	5.26	7.83	3.78	4.88	.58
BOYDS 2 NW	1.23		3.13		5.83		6.75		5.58		5.02	
BRIGHTON DAM	1.65	-1.31	3.74	1.02	6.80	3.07	8.10	4.63	6.24	2.31	4.96	1.07
CATOCTIN MOUNTAIN PARK	2.12		3.97		6.03		9.17		5.61		4.79	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1983

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 STATE PARK	.87		1.06		4.55		4.25		6.67		4.51		53.91	
CRISFIELD SOMERS COVE														
PRINCESS ANNE	1.65	-2.17	2.73	-2.90	6.02	2.05	4.05	-.37	6.75	3.51	5.62	2.22	49.91	5.47
SALISBURY	1.69	-2.07	4.06	-1.66	4.78	1.19	3.00	-.63	5.91	2.80	4.69	1.07	51.80	6.97
SALISBURY FAA AP	2.90	-1.50	5.14	-.58	3.66	-.28	3.21	-.52	5.05	1.99	4.61	.90	53.89	8.45
SNOW HILL 4 N	2.96	-1.03	2.15	-3.28	3.27	-.26	2.90	-.90	5.47	2.09	4.65	.94	48.87	2.65
--DIVISIONAL DATA----->	2.01	-1.92	3.03	-2.17	4.46	.87	3.48	-.08	5.97	2.78	4.82	1.30	51.67	7.90
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	2.44	-1.87	2.66	-2.62	3.98	-.26	3.61	-.33	5.66	1.94	8.90	5.19	54.21	9.01
DENTON 2 E	1.80	-2.54	5.30	-.32	3.95	-.45	3.06	-.31	5.30	1.77	5.94	2.42	56.20	12.33
ROYAL OAK 2 SSW	.83	-3.56	3.74	-1.35	3.85	.13	3.14	-.32	5.51	1.78	8.95	5.21	59.61	14.30
VIENNA	.38	-3.56	4.27	-1.36	5.13	1.16	3.51	.07	4.41	1.09	5.34	1.77	46.44	1.94
--DIVISIONAL DATA----->	1.36	-2.78	3.99	-1.23	4.23	.58	3.33	.00	5.22	1.69	7.28	3.68	54.12	10.00
LOWER SOUTHERN 03														
LA PLATA 1 W	3.30	-.73	3.21	-1.71	3.28	-.16	4.90	1.49	5.01	1.81	5.31	1.89	49.69	7.07
MECHANICSVILLE 1 SE	1.23		1.70		4.27		5.59		5.35		3.59		52.45	
OWINGS FERRY LANDING	1.62	-2.04	1.62	-2.57	M		M		M		M			
PATUXENT RIVER	.82		2.98		3.97		5.14		4.53		7.12		57.51	
SOLOMONS	.70	-3.97	2.19	-2.38	4.94	1.39	4.20	1.18	3.81	.50	5.88		44.62	
--DIVISIONAL DATA----->	1.53	-2.57	2.34	-2.28	4.12	.62	4.96	1.69	4.68	1.34	6.22	2.84	51.71	9.22
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	2.63		1.21		2.26		6.39		4.14		8.19		55.24	
BALTIMORE WSO AP	1.31	-2.58	1.57	-3.05	1.76	-1.70	3.58	.47	5.02	1.91	6.72	3.32	51.03	9.19
BELTSVILLE	.62	-3.52	3.43	-1.28	2.96	-.75	5.49	2.25	5.43	2.46	6.49	3.15	55.24	13.16
COLLEGE PARK	.76	-3.30	4.51	-.49	2.28	-1.28	5.54	2.43	5.19	2.09	6.70	3.32	54.41	11.68
DALECARLIA RESVR D C	1.64	-2.40	2.49	-2.11	3.37	-.05	5.93	2.63	5.32	2.17	6.64	3.15	56.82	13.94
GLENN DALE BELL STN	1.61	-2.70	3.30	-1.61	2.22	-1.44	5.51	2.21	4.92	1.58	6.67	3.28	60.27	16.52
LAUREL 3 W	.68	-3.20	3.84	-.33	2.42	-.96	M		6.87	3.47	7.56	4.22		
NATIONAL ARBORETUM D C	1.01	-3.19	4.41	-.69	2.64	-.94	5.66	2.49	5.29	2.21	6.61	3.25	51.80	8.29
UPPER MARLBORO 3 NNW	1.85	-2.21	3.05	-1.61	2.57	-1.16	5.26	1.97	4.93	1.77	5.96	2.57	53.19	10.41
--DIVISIONAL DATA----->	1.35	-2.64	3.09	-1.65	2.50	-1.02	5.42	2.28	5.23	2.10	6.84	3.46	55.40	13.05
NORTHERN EASTERN SHORE 05														
CENTREVILLE	.86		2.78		3.36		3.74		5.56		M			
CHESTERTOWN	.82	-3.12	1.33	-3.28	2.85	-.73	4.56	1.40	5.77	2.31	8.09	4.22	54.93	10.99
MILLINGTON 2 NNW	.96	-2.91	1.89	-2.85	3.46	-.33	3.78	.73	M		M			
--DIVISIONAL DATA----->	.88	-3.05	2.00	-2.51	3.22	-.45	4.03	.97	5.67	2.27	8.09	4.44	57.96	15.32
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	.00		4.36		2.09		4.60		5.01		8.41		55.70	
BALTIMORE WSO CI	2.08	-1.95	1.23	-3.34	1.78	-1.88	4.41	1.32	5.24	1.90	7.14	3.36	58.21	14.82
BENSON POLICE BARRACKS	1.01	-3.34	2.14	-2.77	1.55	-2.63	5.94	2.96	6.54	2.65	8.76	4.77	62.03	15.03
BOYDS 2 NW	1.11		3.55		1.75		5.21		5.12		5.50		49.78	
BRIGHTON DAM	.20	-3.34	3.10	-1.03	2.04	-1.65	M		6.33	3.16	7.40	3.99		
CATOCTIN MOUNTAIN PARK	.93		2.40		2.97		7.33		4.69		6.80		56.81	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1983

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
CLARKSVILLE 3 NNE	1.76		2.57		6.70		8.13		5.93		5.35	
CONOWINGO DAM	2.47	-.86	2.46		6.81	2.82	9.65	5.83	6.50	2.77	7.28	2.99
DAMASCUS 2 SW	1.86		3.32	-.39	6.15		7.88		5.59		5.77	
EMMITSBURG 2 SE	1.83		3.69		5.42		9.00		5.08		5.53	
FREDRICK POLICE BRKS	1.54		1.85		3.36		7.66		4.38		4.32	
FREDERICK 3 E	2.35	-.53	4.03	1.48	5.77	2.25	9.53	5.92	4.92	1.06	3.14	-.88
PARKTON 2 SW	2.80		3.35		6.14		8.91		5.83		4.93	
POTOMAC FILTER PLANT	1.33		2.43		4.01		7.69		4.67		4.11	
ROCKVILLE 3 NE	1.18	-1.77	2.65	-.01 M	3.17							
TOWSON	3.22	-.09	4.47	1.29	7.49	3.45	7.91	3.93	7.41	3.40	4.41	.37
UNIONVILLE	1.83	-.93	2.79	.38	5.15	1.77	7.15	3.64	4.15	.48	6.61	2.53
WESTMINSTER POLICE BRK	1.97	-1.15	2.27	-.55	5.22	1.30	7.72	4.03	4.92	1.05	2.79	-1.30
WOODSTOCK	2.09	-1.05	3.24	.48	7.38	3.44	7.84	4.22	6.81	3.04	4.35	.32
--DIVISIONAL DATA-->	2.12	-1.01	3.14	.33	6.45	2.63	8.19	4.56	5.73	1.91	5.20	1.15
APPALACHIAN MOUNTAIN 07												
CUMBERLAND 2	1.27	-1.26	1.81	-.60	3.22	-.39	4.37	1.01	4.47	.86	3.23	-.55
EDGE MONT	1.58	-1.49	3.32	.70	4.12	.41	8.38	4.73	4.97	1.15	6.88	2.69
FROSTBURG 2	1.67		2.01		4.43		6.60		5.61		3.89	
HAGERSTOWN	1.34	-1.46	2.44	.18	2.73	-.65	8.22	4.72	4.45	.71	4.06	.14
HANCOCK FRUIT LAB	1.41	-1.20	2.42	.06	3.24	-.25	5.97	2.73	5.31	1.90	3.20	-.66
--DIVISIONAL DATA-->	1.42	-1.33	2.17	-.33	3.41	-.25	6.29	2.86	4.96	1.27	3.60	-.15
ALLEGHENY PLATEAU 08												
MC HENRY 2 NW	2.01		2.20		4.20		5.38		6.45		3.90	
MERRILL	1.17	-1.74	1.69	-1.03	2.72	-1.20	3.80	.13	5.28	1.41	3.30	-.30
OAKLAND 1 SE	.97	-2.82	1.23	-1.97	2.95	-1.47	4.69	.18	4.89	.45	2.47	-1.89
SAVAGE RIVER DAM	1.23	-1.37	1.45	-.90	3.92	.54	5.54	2.06	5.58	1.91	1.93	-1.57
--DIVISIONAL DATA-->	1.40	-2.13	1.63	-1.46	3.69	-.52	5.20	1.01	5.64	1.52	2.77	-1.37
DELAWARE												
NORTHERN 01												
MIDDLETOWN 1 WSH	2.42		3.69		8.04		6.86		7.44		3.49	
NEWARK UNIVERSITY FARM	2.15	-.95	2.93	.20	6.73	3.07	8.91	5.41	6.28	2.76	3.61	-.14
WILMINGTON HSO AP	2.98	-.13	3.55	.56	6.84	2.97	6.80	3.41	7.38	4.15	3.94	.43
WILMGTN PORTER RESVR	3.63	.34	2.95	-.05	7.55	3.48	8.10	4.22	7.93	4.36	3.23	-.77
--DIVISIONAL DATA-->	2.80	-.33	3.28	.41	7.29	3.52	7.67	4.13	7.26	3.90	3.57	-.12
SOUTHERN 02												
BRIDGEVILLE 1 NW	1.76	-1.65	3.22	.15	5.56	1.70	6.51	3.20	3.52	.21	3.46	-.30
DOVER	1.48	-1.76	3.58	.72	6.90	3.03	8.13	4.92	7.01	3.51	5.61	2.00
GEORGETOWN 5 SW	2.64	-.71	4.10	1.08	7.35	3.38	5.92	2.72	4.83	1.57	6.49	2.90
LEWES	2.41	-1.06 M	3.25				8.71	5.30	5.07	1.53	4.39	.69
MILFORD 2 WSH	1.57	-1.82	3.95	.82	6.11	2.08	7.07	3.66	5.35	1.87	4.74	1.02
--DIVISIONAL DATA-->	1.97	-1.46	3.71	.57	6.48	2.45	7.27	3.96	5.16	1.76	4.94	1.29

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1983

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
CLARKSVILLE 3 NNE	.44		3.21		2.64		5.68		6.20		6.53		55.14	
CONOWINGO DAM	.61	-3.76	2.59	-1.95	1.42	-2.47	4.57	1.38	6.12	2.64	7.61	3.74	58.09	12.74
DAMASCUS 2 SW	.39		1.96		2.85		5.27		6.03		6.08		53.15	
EMMITSBURG 2 SE	1.09		1.35		2.94		4.80		4.47		5.96		51.16	
FREDRICK POLICE BRKS	.70		3.03		2.00		4.69		4.29		5.67		43.49	
FREDERICK 3 E	1.01	-2.63	4.27	.56	1.62	-1.93	5.08	1.95	5.19	2.03	6.52	3.29	53.43	12.57
PARKTON 2 SW	.56		2.19		1.57		4.78		6.68		7.19		54.93	
POTOMAC FILTER PLANT	1.49		2.30		2.47						6.11			
ROCKVILLE 3 NE														
TOWSON	1.02	-3.11	.95	-3.84	1.91	-2.24	6.48	3.05	7.07	3.24	7.78	3.96	60.12	13.41
UNIONVILLE	.43	-3.16	2.76	-1.00	2.14	-1.37	4.31	1.38	5.61	2.52	6.13	2.83	49.06	9.07
WESTMINSTER POLICE BRK	.37	-3.63	2.71	-1.29	1.14		4.88	1.78	5.53	2.32	6.54		46.06	
WOODSTOCK	.21	-3.35	2.43	-1.55	2.60	-1.40	5.46	2.34	6.83	3.55	6.64	3.12	55.88	13.16
--DIVISIONAL DATA-->	.73	-3.17	2.46	-1.84	2.16	-1.67	5.23	2.08	5.70	2.35	6.87	3.35	53.98	10.67
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	.54	-2.65	3.03	-.30	2.61	-.31	4.66	1.95	3.76	1.35	4.20	1.56	37.17	.67
EDGEMONT	1.74	-1.51	2.09	-1.74	2.58	-1.58	6.56	3.26	4.69	1.31	6.37	3.35	53.28	11.28
FROSTBURG 2	.86		3.30		1.98		6.45		5.41		4.99		47.20	
HAGERSTOWN	1.29	-2.05	2.96	-.63	1.94	-1.36	5.04	1.91	4.60	1.58	5.92	3.06	44.99	6.15
HANCOCK FRUIT LAB	1.48	-2.08	1.57	-1.73	1.95	-1.27	4.93	2.00	3.55	.88	4.68	2.09	39.71	2.47
--DIVISIONAL DATA-->	1.04	-2.38	2.72	-.79	2.12	-1.07	5.27	2.30	4.33	1.59	4.95	2.11	42.28	3.83
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	4.16		3.30		2.87		3.77		5.11		4.90		48.25	
MERRILL	1.32	-2.35	2.27	-1.39	2.69	-.17	4.42	1.54	3.63	1.02	2.97	-.16	35.26	-4.24
OAKLAND 1 SE	4.83	-.15	2.52	-2.08										
SAVAGE RIVER DAM	2.33	-1.29	2.38	-1.23	2.02	-.97	5.63	2.75	3.34	.99	4.25	1.57	39.60	2.49
--DIVISIONAL DATA-->	3.77	-.50	2.73	-1.45	2.45	-.71	4.70	1.57	4.23	1.23	4.58	.93	42.79	-1.88
DELAWARE														
NORTHERN MIDDLETOWN 1 WSW 01	.88		2.11		3.19		4.11		5.66		6.74		54.63	
NEWARK UNIVERSITY FARM	.58	-3.74	.69	-3.81	2.81	-.80	5.23	2.05	5.55	2.36	8.89	5.36	54.36	11.77
WILMINGTON WSO AP	2.33	-1.57	1.29	-2.74	3.44	-.15	3.87	.98	5.48	2.15	6.80	3.26	54.70	13.32
WILMGTN PORTER RESVR	1.09	-3.04	1.20	-3.22	3.29	-.52	5.06	1.83	6.33	2.57	9.99	6.25	60.35	15.45
--DIVISIONAL DATA-->	1.22	-2.78	1.32	-2.85	3.18	-.41	4.57	1.40	5.76	2.38	8.11	4.56	56.03	13.81
SOUTHERN BRIDGEVILLE 1 NW 02	.56	-3.80	3.38	-1.90	3.63	-.09	2.49	-.93	4.23	1.06	5.61	1.92	43.93	-.43
DOVER	3.69	-.58	4.53	-.59	3.38	-.76	3.02	-.54	5.42	1.89	5.94	2.41	58.69	14.25
GEORGETOWN 5 SW	1.21	-2.81	7.76	2.33	5.24	1.73	3.88	.40	5.14	1.85	5.19	1.60	59.75	16.04
LEWES	2.18	-1.98	6.48	1.12	4.09	.83	4.31	.98	5.43	1.94	5.00	1.18		
MILFORD 2 WSW	3.40	-.98	6.23	1.45					4.31	.88	5.43	1.62		
--DIVISIONAL DATA-->	2.21	-2.02	5.68	.44	4.09	.42	3.43	-.04	4.91	1.54	5.43	1.70	55.28	10.61

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

MARYLAND AND
DELAWARE
1983

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 STATE PARK	38.0		38.1		45.7		51.2		59.9		70.3		78.7		76.3		71.2		61.0		51.7		40.9		56.9			
CRISFIELD SOMERS COVE	M 37.0	1.4	38.6	1.3	47.8	2.8	52.5	-2.3	62.2	-1.6	70.4	-1.3	77.6	1.6	76.5	1.5	68.2	-4	60.0	2.4	49.9	1.9	38.1	-1.1	56.6	.5		
PRINCESS ANNE	37.8	1.1	38.2	-2	48.9	2.8	53.9	-1.9	63.6	-1.2	72.2	-4	78.3	1.3	76.4	.4	69.7	-2	61.0	1.9	51.1	1.6	39.0	-1.3	57.5	.3		
SALISBURY	36.7	1.6	37.4	.8	47.2	3.0	52.6	-1.6	61.6	-1.5	70.5	-1.1	77.5	1.0	76.5	1.2	69.7	1.1	60.9	3.5	51.9	4.2	40.1	1.3	56.9	1.1		
SALISBURY FAA AP	37.5	1.5	37.5	.0	47.6	2.6	52.8	-1.8	62.9	-.6	71.7	.1	77.1	1.2	76.0	1.0	69.3	.3	59.5	1.4	49.9	1.4	38.4	-1.1	56.7	.5		
SNOW HILL 4 N																												
--DIVISIONAL DATA----->	37.4	1.4	38.0	.5	47.4	2.3	52.6	-2.3	62.0	-1.8	71.0	-1.0	77.8	1.2	76.3	.5	69.6	.0	60.5	1.8	50.9	2.0	39.3	-.5	56.9	.3		
CENTRAL EASTERN SHORE 02																												
CAMBRIDGE WTR TRMT PL	38.3	3.6	38.4	2.1	48.8	4.3	53.7	-1.2	63.8	-.4	73.8	1.3	79.6	2.7	78.8	3.2	71.5	2.0	60.4	1.9	50.8	2.4	37.6	-1.1	58.0	1.7		
DENTON 2 E	35.1	1.0	35.5	-.6	47.0	2.9	52.5	-2.4	62.7	-1.6	73.1	.5	78.6	1.7	77.1	1.5	69.1	.0	59.3	1.6	49.3	1.7	36.5	-1.3	56.3	.4		
ROYAL OAK 2 SSW	37.0	2.0	37.3	-.6	47.8	2.6	53.1	-2.7	63.9	-1.3	73.5	.0	79.1	1.4	77.8	1.2	70.7	.4	60.1	.8	50.2	1.3	36.7	-2.2	57.3	.3		
VIENNA	37.4	1.5	37.6	.1	48.9	3.3	54.2	-1.4	64.0	-.8	74.5	1.5	79.9	2.5	77.7	1.4	70.2	.3	60.5	1.6	50.6	1.6	38.1	-1.5	57.8	.8		
--DIVISIONAL DATA----->	37.0	2.0	37.2	.5	48.1	3.2	53.4	-1.9	63.6	-1.0	73.7	.8	79.3	2.1	77.9	1.9	70.4	.7	60.1	1.4	50.2	1.7	37.2	-1.6	57.3	.8		
LOWER SOUTHERN 03																												
LA PLATA 1 W	36.1	1.5	37.5	.7	47.9	2.7	52.7	-2.8	62.7	-1.3	71.7	.1	76.4	.5	77.0	2.2	68.9	.1	58.6	1.0	48.8	1.5	34.2	-3.7	56.0	.2		
MECHANICVILLE 1 SE	35.1		37.4		47.8		53.1		63.3		71.1		77.5		78.4		70.5		58.8		50.5		41.2		57.1			
OWINGS FERRY LANDING	36.8	2.3	37.7	1.4	47.4		47.4	-8.1	60.5	-3.9	72.5	.3	75.1	-1.2	77.2	2.2	72.5		60.6		50.8		38.2		58.2			
PATUXENT RIVER	38.0		38.0		48.5		53.7		64.1		74.1		80.4		79.9		72.5		60.6		50.8		38.2		58.2			
SOLOMONS	37.5	1.3									73.2	-.8		80.0	2.1	71.6	-.5											
--DIVISIONAL DATA----->	36.7	1.8	37.7	.8	48.1	2.9	51.7	-4.0	62.7	-1.9	72.5	.1	77.4	.7	78.5	2.9	70.9	1.6	59.3	1.3	50.0	2.0	37.9	-.7	57.0	.6		
UPPER SOUTHERN 04																												
ANNAPOLIS POLICE BRKS	37.2		37.0		48.1		53.2		63.4		73.5		80.0		79.4		72.1		59.5		49.3		35.6		57.4			
BALTIMORE WSO AP	R 34.6	1.9	34.7	.0	45.4	2.1	51.8	-2.2	61.5	-1.9	72.1	-.1	78.7	1.9	78.0	2.4	69.5	-.6	57.3	.4	47.1	.8	33.2	-3.3	55.3	.2		
BELTSVILLE	34.3	3.0	35.1	2.1	45.1	3.2	50.3	-2.4	61.3	-.5	71.5	1.2	76.9	1.7	76.8	2.8	67.8	-.6	55.5	.5	45.8	.8	32.4	-2.9	54.4	.8		
COLLEGE PARK	35.9	1.9	36.1	-.1	46.6	2.0	52.3	-3.1	62.9	-1.8	73.3	.4	79.0	1.8	78.6	2.6	70.0	.8	57.5	.1	47.8	.9	34.2	-3.1	56.2	.2		
DALECARLIA RESVR D C	35.8	1.9	37.0	.7	48.3	3.4	53.1	-2.6	63.5	-1.5	74.0	1.2	77.8	.6	78.5	2.6	70.1	.9	58.7	1.1	48.9	1.9	33.2	-4.2	56.6	.5		
GLENN DALE BELL STN	35.1	1.9	35.7	.3	46.5	2.6	51.5	-2.7	61.2	-2.2	71.2	.0	76.2	.6	76.3	1.8	67.5	-.5	56.1	-.5	47.0	.7	32.6	-4.1	54.7	-.2		
LAUREL 3 W	M 36.8		36.8	1.1	45.8	1.6	52.4	-2.8	63.0	-1.4	74.5	1.9	79.5	2.3	77.9	1.7	69.7	.1			47.5	.0	32.9	-4.0				
NATIONAL ARBORETUM D C	36.1	1.3	36.2	-.6	46.0	.4	51.2	-5.0	63.1	-2.1	73.0	-.4	77.9	.2	77.4	.7	68.4	-1.7	56.7	-1.6	46.9	-1.2	33.6	-4.9	55.5	-1.2		
UPPER MARLBORO 3 NNN	34.8		35.0		45.7		51.3		61.6		72.0		76.2		75.6		66.5		56.2		46.6		33.8		54.6			
--DIVISIONAL DATA----->	35.5	2.3	36.0	.9	46.4	2.7	51.9	-2.5	62.4	-1.3	72.8	.9	78.0	1.5	77.6	2.3	69.1	.4	57.2	.2	47.4	.8	33.5	-3.4	55.7	.4		
NORTHERN EASTERN SHORE 05																												
CENTREVILLE	36.6		36.9		47.7		52.6		63.0		72.1		79.1		77.9		70.4		57.8		48.9							
CHESTERTOWN	35.0	1.9	35.4	.4	45.2	1.8	52.5	-1.6	62.6	-1.1	73.2	.9	78.8	1.9	78.7	2.9	70.9	1.6	58.4	.6	48.8	1.8	34.5	-2.5	56.2	.7		
MILLINGTON 2 WNW	M 34.2		34.2	1.1	45.2	2.4	51.1	-2.1	61.9	-.8	71.3	.2	77.3	1.7					57.6	1.1								
--DIVISIONAL DATA----->	35.8	2.6	35.5	.4	46.0	2.5	52.1	-2.0	62.5	-1.0	72.2	.1	78.4	1.9	78.3	2.9	70.7	1.7	57.9	.3	48.9	1.9	34.5	-2.5	56.1	.7		
NORTHERN CENTRAL 06																												
ABERDEEN PHILLIPS FLD	35.7		36.8		46.3		52.2		61.7		72.0		78.3		78.1		70.1				49.6							
BALTIMORE WSO CI	R 37.1	1.6	38.3	1.0	47.4	1.9	54.4	-2.4	64.6	-1.7	76.0	.7	82.8	2.9	80.7	2.3	73.3	1.6	60.1	.0	50.2	1.0	35.0	-4.3	58.3	.4		
BENSON POLICE BARRACKS	34.6	3.4	35.7	2.1	45.1	3.0	51.3	-1.5	61.1	-1.3	71.5	.9	76.9	2.0	76.7	2.9	70.9	3.4	56.9	.9	46.0	.7	31.7	-3.4	54.9	1.1		
BOYDS 2 NW	34.0		35.5		45.7		51.4		61.1		71.5		76.7		76.4		68.5		57.3		47.9		31.6		54.8			
CATCTIN MOUNTAIN PARK	30.0		32.1		41.1		48.5		59.3		68.4		73.8		73.4		65.8				44.0		27.5		51.5			
CLARKSVILLE 3 NNE	33.3		33.7		45.4		50.2		60.9		71.4		76.5		76.4		67.3		56.1		46.3		31.8		54.1			
CONOWINGO DAM	32.8	2.6	33.7	1.4	44.4	3.3	50.6	-1.4	61.0	-1.0	71.3	.7	77.3	2.2	76.1	2.1	68.7	1.5	56.2	.9	46.1	2.0	32.5	-1.6	54.2	1.1		
DAMASCUS 2 SW	32.9		34.4		44.2		50.7		60.1		70.5		76.0		76.0		67.6		56.0		46.6		30.5		53.8			
EMMITSBURG 2 SE	32.9		32.4		44.3		50.7		60.1		70.3		75.9		75.2		67.0		55.7		45.4		31.4		53.4			
FREDRICK POLICE BRKS	34.7		35.9		46.2		52.4		62.7		73.1		79.4		78.8		69.7		57.5		48.1		32.5		55.9			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

MARYLAND AND
DELAWARE
1983

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			
PARKTON 2 SW	31.6		33.1		42.3		48.9		57.9		68.8		74.4		74.1		66.1		54.4		44.6		29.5		52.1				
ROCKVILLE 3-NE	33.2	-1	32.6	-1.8	46.3	2.2																							
TONSON	34.6		36.2		45.5		50.6		61.5		73.4		78.8		78.6		72.4		57.3		47.8		32.2		55.7				
UNIONVILLE	31.9	2.4	31.4	-5	44.2	3.3	49.4	-2.1	59.2	-1.7	69.5	2	73.3	-3	74.1	1.9	65.2	-1	55.3	1.5	44.6	1.4	30.8	-2.6	52.4			.3	
WESTMINSTER POLICE BRK	33.0	2.9	34.5	2.3	44.2	3.2	51.0	-1.2	61.2	-3	72.0	2.1	77.5	3.3	77.0	4.0	68.9	2.6	56.7	1.8	46.6	2.3	31.4	-2.6	54.5	1.7			
WOODSTOCK	33.9	2.5	34.9	1.4	45.6	3.5	51.3	-1.6	61.7	-7	72.0	1.7	77.1	2.2	76.8	3.3	68.4	1.6	56.5	1.3	46.5	1.8	31.9	-3.3	54.7	1.1			
--DIVISIONAL DATA----->	33.5	1.9	34.5	.8	44.9	2.6	50.9	-2.3	60.9	-1.7	71.4	.6	77.0	1.9	76.6	2.7	68.7	1.3	56.4	.6	46.7	1.5	31.5	-3.8	54.4			.5	
APPALACHIAN MOUNTAIN																													
CUMBERLAND 2	33.1	2.2	35.8	2.6	44.6	2.5	52.0	-1.5	60.4	-2.4	71.5	1.1	76.7	2.3	76.8	3.6	65.8	-8	55.7	.7	45.1	1.0	29.9	-4.4	54.0			.6	
FROSTBURG 2	26.4		29.9		36.9		43.0		53.7		64.2		69.6		70.4		61.3		50.1		39.8		24.0		47.4				
HAGERSTOWN	32.5	1.9	34.1	1.2	44.5	2.4	51.2	-2.4	61.7	-1.4	72.1	1.1	77.4	2.5	77.4	4.0	67.8	1.0	56.3	1.0	46.6	2.3	30.5	-3.7	54.3			.8	
HANCOCK FRUIT LAB	32.5	3.3	34.0	2.9	44.2	4.2	51.1	.0	59.3	-9	69.9	1.4	74.4	1.5	75.8	4.1	65.0	.1	54.5	1.6	45.3	2.5	30.3	-2.6	53.0	1.5			
--DIVISIONAL DATA----->	31.1	1.0	33.5	1.3	42.6	1.6	49.3	-3.0	58.8	-2.8	69.4	-1	74.5	1.1	75.1	2.8	65.0	-7	54.2	-1	44.2	.6	28.7	-5.0	52.2			-.2	
ALLEGHENY PLATEAU																													
MC HENRY 2 NW	25.5		29.0		36.1		43.2		54.0		64.5		68.7		69.2		59.5		49.8		39.3		22.3		46.8				
OAKLAND 1 SE	27.8	1.6	30.7	2.7	38.3	1.9	45.6	-1.6	55.4	-9	64.1	.5	69.3	1.9	69.2	2.5													
SAVAGE RIVER DAM	27.6	1.2	30.4	2.5	39.1	2.3	45.3	-3.1	55.3	-2.5	64.9	-5	70.7	1.2	71.3	2.7	61.5	-5	50.9	.1	40.5	.2	26.4	-3.8	48.7			.0	
--DIVISIONAL DATA----->	27.0	1.5	30.0	2.8	37.8	2.0	44.7	-2.5	54.9	-1.7	64.5	.5	69.6	1.9	69.9	3.1	60.5	-1	50.4	.9	39.9	.8	24.4	-5.0	47.8			.4	
DELAWARE																													
NORTHERN																													
MIDDLETOWN 1 WSW	34.8		34.7		46.4		51.8		62.0		72.6		76.8		76.9		69.4		57.6		47.3		34.8		55.4				
NEWARK UNIVERSITY FARM	34.2	2.5	35.6	1.9	45.3	3.2	51.9	-9	61.7	-1.0	71.9	.6	78.0	2.3	77.5	3.0	69.8	1.9	57.6	1.3	47.8	2.0	32.3	-3.3	55.3	1.1			
WILMINGTON WSO AP	35.2	4.0	35.3	2.1	45.9	4.1	53.1	.7	61.0	-1.2	71.8	.6	77.6	1.6	77.0	2.2	69.3	1.4	56.9	.6	46.7	1.1	32.1	-3.4	55.2	1.2			
WILMGTON PORTER RESVR	33.6	2.8	35.5	2.9	43.9	2.9	51.7	-1	60.8	-8	71.8	1.4	78.2	3.3	76.6	2.9	68.7	1.8	56.5	.8	46.3	1.1	32.4	-2.7	54.7	1.4			
--DIVISIONAL DATA----->	34.5	2.9	35.3	1.8	45.4	3.4	52.1	-6	61.4	-1.0	72.0	.8	77.7	2.0	77.0	2.5	69.3	1.5	57.2	.8	47.0	1.2	32.9	-2.8	55.2	1.0			
SOUTHERN																													
BRIDGEVILLE 1 NW	35.4	1.1	35.2	-8	46.5	2.7	52.1	-2.1	61.9	-1.8	71.9	-1	77.5	1.3	76.0	1.3	68.2	-2	58.0	.6	47.8	.3	36.6	-1.5	55.6			.1	
DOVER	36.7	2.3	36.6	.2	46.6	2.3	53.1	-1.6	63.1	-1.1	73.2	.6	79.2	2.2	77.8	2.0	71.2	1.6	59.8	1.2	49.6	1.4	37.0	-1.4	57.0			.8	
GEORGETOWN 5 SW	36.2	2.0	36.0	.2	46.0	2.5	51.2	-2.4	61.8	-1.3	71.3	-.2	76.2	.1	75.2	.3	67.6	-8	57.8	.8	48.0	.8	36.8	-1.0	55.3			.1	
LEWES	37.8	3.2	37.3	1.2			53.5	.4	64.6	2.5	73.5	2.8	79.0	3.8	78.2	3.9	72.4	4.0	61.6	4.1	51.0	3.0	38.6	.1					
MILFORD 2 WSW	36.4	2.1	36.2	.4	46.9	2.6	53.0	-1.4	63.2	-.7	72.6	.6	78.1	1.6	76.9	1.7					49.5	1.9	37.4	-.5					
--DIVISIONAL DATA----->	36.5	2.0	36.3	.2	46.5	2.6	52.6	-1.5	62.9	-.5	72.5	.7	78.0	1.8	76.8	1.7	69.9	1.2	59.3	1.6	49.2	1.4	37.3	-1.0	56.5			.9	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND
DELAWARE
1983

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF										FIRST FALL MINIMUM OF										NUMBER OF DAYS BETWEEN DATES					
					16° OR BELOW		20° OR BELOW		24° OR BELOW		28° OR BELOW		32° OR BELOW		32° OR BELOW		28° OR BELOW		24° OR BELOW		20° OR BELOW		16° OR BELOW		16° OR BELOW	20° OR BELOW	24° OR BELOW	28° OR BELOW	32° OR BELOW	
					DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.
MARYLAND																														
SOUTHERN EASTERN SHORE 01																														
ASSATEAGUE STATE PARK	97	7/16	14	12/31	1/21	14	2/1	20	2/27	24	3/31	27	4/1	29	11/30	30	12/2	27	12/20	24	12/25	15	12/25	15	338	327	296	246	243	
CRISFIELD SOMERS COVE				NONE				NONE			NONE			NONE			NONE													
PRINCESS ANNE	98	9/11	4	12/26	1/21	11	2/27	20	4/20	22	4/21	26	5/12	31	10/28	27	10/28	27	11/15	21	12/21	18	12/24	8	337	297	209	190	169	
SALISBURY	97	9/11	5	12/25	1/20	13	2/13	18	2/26	22	3/30	28	3/30	28	10/28	27	10/28	27	11/15	24	12/24	11	12/24	11	338	314	286	212	212	
SALISBURY FAA AP	98	8/20	5	12/25	1/20	13	2/13	18	2/28	24	3/30	28	4/22	32	10/30	32	12/2	25	12/9	24	12/24	10	12/24	10	338	314	284	247	191	
SNOW HILL 4 N	99	9/11	3	12/26	1/21	16	2/13	17	3/30	24	3/30	24	4/22	32	10/28	32	10/30	28	12/2	21	12/24	14	12/24	14	337	314	247	214	189	
CENTRAL EASTERN SHORE 02																														
CAMBRIDGE WTR TRMT PL	101	9/11	0	12/25	1/20	16	2/12	19	2/13	22	2/28	26	3/30	32	11/15	29	11/30	28	12/9	24	12/19	19	12/25	0	339	310	299	275	230	
DENTON 2 E	100	8/20	3	12/25	2/13	4	2/27	18	2/28	23	3/30	26	5/10	32	10/31	28	10/31	28	12/9	24	12/20	19	12/24	10	314	296	284	215	174	
ROYAL OAK 2 SSW	97	9/11	4	12/25	2/13	13	2/13	13	2/14	23	3/30	27	3/31	32	10/30	31	12/2	27	12/20	20	12/20	20	12/24	10	314	310	309	247	213	
VIENNA	99	7/13	5	12/25	2/13	13	2/13	13	2/27	23	3/30	28	3/30	28	10/31	32	11/15	24	11/15	24	12/24	15	12/24	15	314	314	261	230	215	
LOWER SOUTHERN 03																														
LA PLATA 1 W	103	9/10	1	12/26	2/13	7	2/13	7	3/30	24	4/1	27	4/21	29	10/30	30	11/14	26	12/2	23	12/21	20	12/24	7	314	311	247	227	192	
MECHANICSVILLE 1 SE	101	8/19	12	12/31	1/21	15	3/26	20	3/26	20	3/30	28	4/21	32	10/30	28	10/30	28	12/19	22	12/31	12	12/31	12	344	280	268	214	192	
OWINGS FERRY LANDING				1/19	14	2/5	20	2/12	24	2/14	25	4/19	31	NONE			NONE													
PATUXENT RIVER	103	8/20	6	12/26	NONE		2/11	19	2/13	21	2/28	28	3/25	32	11/15	32	12/9	27	12/20	21	12/24	6	12/24	6		316	310	284	235	
SOLOMONS	103	8/21	15	1/20	1/20	15	2/14	17	2/14	17	2/28	25	3/30	29	11/14	31	12/2	28	12/12	24	12/22	20	NONE			311	301	277	229	
UPPER SOUTHERN 04																														
ANNAPOLIS POLICE BRKS	103	8/21	1	12/25	2/13	9	2/13	9	2/27	24	3/25	28	3/30	31	11/6	32	12/2	27	12/20	21	12/21	20	12/24	8	314	311	296	252	221	
BALTIMORE WSO AP	R 105	8/20	0	12/25	2/13	1	2/14	18	2/27	21	3/30	25	4/21	32	10/30	31	12/2	23	12/2	23	12/20	20	12/24	4	314	309	278	247	132	
BELTSVILLE	102	8/21	1	12/27	2/14	15	3/26	18	4/21	21	4/21	21	4/21	21	10/30	28	10/30	28	12/2	21	12/18	20	12/25	2	314	267	225	192	192	
COLLEGE PARK	103	8/21	-1	2/13	2/14	11	2/14	11	3/26	22	3/30	25	4/17	31	10/30	30	11/14	28	12/2	23	12/20	20	12/25	3	314	309	251	229	196	
DALECARLIA RESVR D C	103	8/20	-1	12/25	2/13	4	2/14	18	3/26	21	3/30	25	4/21	31	10/25	31	11/5	24	11/5	24	12/20	8	12/20	8	310	309	224	220	187	
GLENN DALE BELL STN	102	8/20	-3	12/25	2/15	16	3/30	19	3/30	19	4/1	25	5/17	32	10/22	32	10/29	26	10/30	24	12/2	16	12/2	16	290	247	214	211	158	
LAUREL 3 W				2/13	9	2/26	20	3/25	24	3/30	28	4/20	32	11/4	32	11/12	26	11/14	17	11/14	17	12/20	17	12/20	15	310	261	234	227	198
NATIONAL ARBORETUM D C	103	8/20	0	12/25	2/14	5	2/14	5	3/26	24	3/30	28	4/17	31	10/30	29	10/31	26	12/2	23	12/20	19	12/25	0	314	309	251	215	196	
UPPER MARLBORO 3 NNW	102	8/21	-2	2/13	2/14	0	2/27	19	3/30	24	4/1	27	4/17	30	10/30	28	10/30	28	12/2	21	12/18	20	12/25	2	314	294	247	212	196	
NORTHERN EASTERN SHORE 05																														
CENTREVILLE	100	9/11	9	2/13	2/13	9	2/14	17	2/28	21	3/31	28	4/22	32	10/31	26	10/31	26	12/3	22	12/18	19	12/20	16	310	307	278	214	192	
CHESTERTOWN	101	8/20	2	12/25	2/14	16	2/14	16	2/27	21	3/30	28	4/1	32	10/30	32	12/2	26	12/18	23	12/20	19	12/21	16	310	309	294	247	212	
MILLINGTON 2 NNW	101	8/20			2/14	13	2/27	18	3/30	24	4/13	28	5/6	31	10/22	32	10/30	28	NONE		NONE		NONE							
NORTHERN CENTRAL 06																														
ABERDEEN PHILLIPS FLD	100	8/21	10	2/13	2/13	10	2/13	10	2/14	24	3/30	26	4/1	31	10/31	30	12/2	25	12/8	24	12/18	18	12/20	13	310	308	297	247	213	
BALTIMORE WSO CI	R 105	8/20	6	12/25	1/20	16	2/13	17	2/14	24	3/26	28	4/20	32	12/2	31	12/18	28	12/19	24	12/20	20	12/24	9	338	310	308	267	226	
BENSON POLICE BARRACKS	102	8/20	-5	12/25	2/14	12	2/14	12	3/30	23	3/30	23	4/21	31	9/25	32	10/30	27	12/2	20	12/2	20	12/18	16	307	291	247	214	157	
BOYDS 2 NW	100	8/20	-4	12/25	2/13	14	2/14	18	3/26	22	3/26	22	4/19	29	10/31	30	12/2	22	12/18	20	12/20	20	12/20	15	310	307	251	251	195	
CATOCTIN MOUNTAIN PARK	94	8/20	-11	12/25	2/13	0	3/31	20	4/20	24	4/20	24	5/10	32	10/30	29	11/13	25	12/2	22	12/18	19	12/20	9	310	262	226	207	173	
CLARKSVILLE 3 NNE	103	8/20	-12	2/13	3/26	16	3/26	16	3/30	21	4/17	28	5/11	32	10/22	32	10/30	26	12/2	20	12/2	20	12/21	15	270	251	247	196	164	
CONOWINGO DAM	100	8/20	-2	12/26	2/14	13	2/14	13	2/28	24	4/1	25	4/21	31	10/30	31	11/5	28	12/2	24	12/20	18	12/21	13	310	309	272	218	192	
DAMASCUS 2 SW	102	8/20	-5	12/25	2/13	12	2/14	18	3/30	24	3/30	24	5/10	32	10/30	26	10/30	26	12/2	23	12/18	19	12/20	14	310	307	247	214	173	
EMMITSBURG 2 SE	103	8/20	-13	2/13	2/27	15	3/26	18	3/30	24	4/17	28	4/20	31	10/22	31	10/30	27	12/2	19	12/2	19	12/20	13	296	251	247	196	185	
FREDRICK POLICE BRKS	104	8/21	-8	12/25	2/15	13	2/15	13	3/26	24	4/20	28	4/20	28	10/30	32	12/2	26	12/18	21	12/20	16	12/20	16	308	308	267	226	193	
PARKTON 2 SW	// 100	8/20	-4	12/25	2/27	16	3/26	17	3/30	22	4/17	28	5/17	32	10/22	31	10/30	26	12/2	19	12/2	19	12/20	12	296	251	247	196	158	
ROCKVILLE 3 NE				2/16	15	3/25	19	3/25	19	3/25	19	3/25	19	3/26	29	NONE		NONE												
TOWSON	103	8/20	-4	12/25	3/25	16	3/26	19	3/26	19	4/21	26	4/21	26	10/30	30	11/13	28	12/2	23	12/20	14	12/20	14	270	269	251	206	192	
UNIONVILLE	101	8/20	-16	2/13	3/26	14	3/26	14	3/30	21	5/10	28	5/17	31	9/23	32	10/30	23	10/30	23	12/2	18	12/18	16	267	251	214	173	129	
WESTMINSTER POLICE BRK	101	8/20	-5	12/25	2/13	16	3/26	20	4/20	21	5/10	28	5/10	28	10/30	29	11/13	27	12/2	24	12/18	19	12/20	12	310	267</				

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND
DELAWARE
1983

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.					
APPALACHIAN MOUNTAIN 07	103	8/22	-8	12/25	2/14	13	3/25	19	3/30	23	4/16	26	5/ 9	32	10/30	27	10/30	27	12/ 1	22	12/17	19	12/19	16	308	267	246	197	174
CUMBERLAND 2	92	8/23	-16	12/25	3/26	13	4/19	20	4/21	23	4/21	23	5/28	32	10/28	32	10/30	24	10/30	24	11/14	20	12/ 3	16	252	209	192	192	153
FROSTBURG 2	103	8/20	-6	12/25	2/15	12	3/24	20	3/30	22	4/19	27	4/20	32	10/30	28	10/30	28	12/ 2	23	12/18	20	12/20	14	308	269	247	194	193
HAGERSTOWN	102	8/22	-8	2/13	3/26	14	3/30	18	4/17	24	4/19	28	5/17	32	9/23	32	10/30	22	10/30	22	12/ 2	19	12/18	15	267	247	196	194	129
HANCOCK FRUIT LAB																													
ALLEGHENY PLATEAU 08	89	8/23	-20	12/26	3/30	14	4/20	18	4/21	22	5/11	28	5/17	31	10/27	31	10/30	26	11/12	22	11/13	20	12/ 2	16	247	207	205	172	163
MC HENRY 2 NH					3/31	15	4/19	20	4/20	23	5/11	26	5/27	31	NONE		NONE		NONE		NONE		NONE						
OAKLAND 1 SE	95	8/22	-12	12/26	2/28	16	3/30	18	3/31	23	4/23	28	5/17	32	9/23	32	10/30	24	10/30	24	12/ 2	18	12/18	15	293	247	213	190	129
SAVAGE RIVER DAM																													
DELAWARE																													
NORTHERN																													
MIDDLETOWN 1 NSW 01	100	9/11	-6	12/25	2/13	7	2/27	20	3/26	21	3/31	26	4/21	32	10/30	28	10/30	28	12/ 2	24	12/18	19	12/21	13	311	294	251	213	192
NEWARK UNIVERSITY FARM	105	7/16	-6	12/25	2/13	15	2/14	20	3/27	24	3/30	26	4/21	32	10/30	30	10/31	27	12/ 9	23	12/18	20	12/20	15	310	307	257	215	192
WILMINGTON WSO AP	100	9/11	-7	12/25	2/14	14	3/26	20	3/26	20	3/30	25	4/ 1	32	10/30	26	10/30	26	12/ 2	19	12/ 2	19	12/20	13	309	251	251	214	212
WILMGTON PORTER RESVR	99	8/20	-1	12/25	2/13	13	2/14	20	3/26	24	3/30	28	4/20	31	10/31	30	11/ 5	28	12/ 2	12	12/ 2	12	12/ 2	12	292	231	251	220	194
SOUTHERN																													
BRIDGEVILLE 1 NW 02	100	9/11	3	12/25	2/13	6	3/26	20	3/30	24	4/ 2	28	4/22	32	10/28	32	10/30	27	11/30	23	12/ 2	20	12/24	9	314	251	245	211	189
DOVER	98	9/11	1	12/25	2/13	13	2/13	13	2/27	22	3/26	26	4/20	32	10/31	29	12/ 2	25	12/ 9	24	12/20	20	12/25	13	315	310	285	251	194
GEORGETOWN 5 SW	97	8/21	3	12/25	1/20	11	2/26	20	3/26	23	4/ 2	28	4/22	32	10/28	32	10/30	27	12/ 2	22	12/20	20	12/25	3	339	297	251	211	189
LEWES	98	9/12			1/20	13	2/13	18	2/27	24	2/28	25	4/20	32	10/31	31	12/ 8	27	12/20	22	12/24	12	12/24	12	338	314	296	283	194
MILFORD 2 NSW					2/13	7	2/27	19	3/24	23	3/30	27	4/21	31	11/ 5	26	11/ 5	26	12/ 2	23	12/20	19	12/24	9	314	296	253	220	198

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE STATE PARK	0	0	0	0	7	179	430	357	222	35	0	0	1230	
CRISFIELD SOMERS COVE														1423
PRINCESS ANNE	0	0	0	12	62	174	398	363	176	42	0	0	1227	1063
SALISBURY	0	0	0	19	69	226	419	363	210	48	0	0	1354	1200
SALISBURY FAA AP	0	0	0	14	53	184	392	365	203	56	0	0	1267	1074
SNOW HILL 4 N	0	0	0	13	64	213	383	347	207	44	0	0	1271	1058
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	0	0	0	12	63	272	459	438	241	40	0	0	1525	1167
DENTON 2 E	0	0	0	9	64	256	427	385	205	41	0	0	1387	1163
ROYAL OAK 2 SSW	0	0	0	10	71	262	443	404	221	36	0	0	1447	1286
VIENNA	0	0	0	14	70	294	471	402	214	34	0	0	1499	1245
LOWER SOUTHERN 03														
LA PLATA 1 W	0	0	0	15	69	219	358	381	197	25	0	0	1264	1071
MECHANICSVILLE 1 SE	0	0	0	12	47	196	396	426	242	20	0	0	1339	
OWINGS FERRY LANDING	0	0	0	0	33	237	327	389	-	-	-	-	-	1116
PATUXENT RIVER	0	0	0	24	80	278	485	470	264	38	0	0	1639	
SOLOMONS	0					255		470	236					1432
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	0	15	63	263	469	451	263	26	0	0	1550	
BALTIMORE WSO AP	0	0	0	18	51	228	430	410	214	24	0	0	1375	1138
BELTSVILLE	0	0	0	14	53	215	374	375	176	10	0	0	1217	917
COLLEGE PARK	0	0	0	20	72	260	442	433	220	17	0	0	1464	1203
DALECARLIA RESVR D C	0	0	0	19	76	283	404	425	215	32	0	0	1454	1209
GLENN DALE BELL STN	0	0	0	8	64	203	357	356	170	16	0	0	1174	1008
LAUREL 3 W	0	0	0	16	55	289	455	407	207	-	0	0	1326	1220
NATIONAL ARBORETUM D C	0	0	0	13	64	249	407	395	183	15	0	0	1326	1311
UPPER MARLBORO 3 NNW	0	0	0	17	60	220	353	337	157	12	0	0	1156	
NORTHERN EASTERN SHORE 05														
CENTREVILLE	0	0	0	16	62	221	443	406	215	18	0	-	-	
CHESTERTOWN	0	0	0	17	57	254	434	431	234	32	0	0	1459	1158
MILLINGTON 2 WNW	0	0	0	14	51	212	391	-	-	17	-	-	-	1011
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	0	0	0	16	50	223	417	410	216	-	0	-	-	
BALTIMORE WSO CI	0	0	0	34	76	337	557	496	292	45	0	0	1837	1545
BENSON POLICE BARRACKS	0	0	0	14	38	211	374	369	236	19	0	0	1261	944
BOYDS 2 NW	0	0	0	15	41	205	367	363	190	21	0	0	1202	
CATOCTIN MOUNTAIN PARK	0	0	0	18	18	135	286	274	141	10	0	0	882	
CLARKSVILLE 3 NNE	0	0	0	2	53	210	365	362	177	11	0	0	1180	
CONOWINGO DAM	0	0	0	5	33	208	391	352	190	16	0	0	1195	928
DAMASCUS 2 SW	0	0	0	22	34	187	346	351	174	17	0	0	1131	
EMMITSBURG 2 SE	0	0	0	10	28	183	343	325	165	10	0	0	1064	
FREDRICK POLICE BRKS	0	0	0	21	55	260	451	435	216	20	0	0	1458	
PARKTON 2 SW	0	0	0	10	21	146	301	292	151	11	0	0	932	
ROCKVILLE 3 NE	0	0	0	-	-	-	-	-	-	-	-	-	-	1063
TOWSON	0	0	0	18	40	263	435	428	274	26	0	0	1484	
UNIONVILLE	0	0	0	5	35	163	269	295	133	11	0	0	911	759
WESTMINSTER POLICE BRK	0	0	0	27	40	229	396	383	205	20	0	0	1300	841
WOODSTOCK	0	0	0	15	55	225	383	374	194	16	0	0	1262	896

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

MARYLAND AND
DELAWARE
1983

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
APPALACHIAN MOUNTAIN 07	0	0	0	20	19	217	370	374	134	8	0	0	1142	902
CUMBERLAND 2	0	0	0	0	0	65	175	191	70	2	0	0	503	
FROSTBURG 2	0	0	0	20	47	235	394	393	183	18	0	0	1290	935
HAGERSTOWN	0	0	0	16	20	179	303	342	131	9	0	0	1000	692
HANCOCK FRUIT LAB														
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	0	0	0	1	5	76	146	152	52	0	0	0	432	276
OAKLAND 1 SE	0	0	0	1	0	44	158	160	-	-	-	-	-	276
SAVAGE RIVER DAM	0	0	0	0	1	72	198	211	66	0	0	0	548	417
DELAWARE														
NORTHERN 01														
MIDDLETOWN 1 WSW	0	0	0	15	51	240	374	379	207	27	0	0	1293	
NEWARK UNIVERSITY FARM	0	0	0	11	49	224	406	396	215	25	0	0	1326	1003
WILMINGTON WSO AP	0	0	0	17	47	218	398	378	209	29	0	0	1296	1015
WILMGTN PORTER RESVR	0	0	0	14	33	218	415	367	193	29	0	0	1269	901
SOUTHERN 02														
BRIDGEVILLE 1 NW	0	0	0	10	52	222	397	349	186	31	0	0	1247	1062
DOVER	0	0	0	19	63	255	448	404	244	39	0	0	1472	1179
GEORGETOWN 5 SW	0	0	0	15	53	215	352	330	172	32	0	0	1169	1050
LEWES	0	0	-	19	73	264	445	416	273	56	0	0	-	946
MILFORD 2 WSW	0	0	0	17	75	240	415	379	-	-	0	0	-	1101

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL EVAPORATION AND WIND MOVEMENT

MARYLAND AND
DELAWARE
1983

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MARYLAND													
UPPER SOUTHERN 04 BELTSVILLE	WIND -	-	-	B 2255	B 1115	364	485	367	716	1047	-	-	-
	EVAP -	-	-	B 4.96	B 5.65	B 6.30	8.29	7.31	5.53	B 2.92	-	-	-
	MAX TEMP -	-	-	M 64.7	M 79.7	M 91.4	95.5	92.7	M 83.0	M 67.6	-	-	M -
	MIN TEMP -	-	-	M 43.9	M 52.6	M 65.3	68.8	69.3	M 57.1	M 49.0	-	-	M -
UPPER MARLBORO 3 NNW	WIND -	-	-	954	B 723	331	375	342	356	389	B 453	-	-
	EVAP -	-	-	B 4.25	B 6.36	6.81	B 7.97	6.42	4.56	B 2.91	B 1.75	-	-
	MAX TEMP -	-	-	62.0	77.6	89.8	92.0	91.4	82.0	66.3	52.9	-	M -
	MIN TEMP -	-	-	43.9	53.9	65.1	67.8	68.5	59.4	49.1	39.6	-	M -
ALLEGHENY PLATEAU 08													
SAVAGE RIVER DAM	WIND -	-	-	B 2032	B 1157	797	1087	786	542	1104	-	-	-
	EVAP -	-	-	-	B 4.59	B 4.52	B 6.00	B 5.14	B 3.55	B 2.31	-	-	-
	MAX TEMP -	-	-	57.3	71.1	82.1	87.5	85.4	77.0	57.2	-	-	M -
	MIN TEMP -	-	-	38.8	47.8	57.6	60.7	62.2	53.2	45.1	-	-	M -
DELAWARE													
NORTHERN 01													
NEWARK UNIVERSITY FARM	WIND -	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP -	-	-	-	-	-	-	-	-	-	-	-	-
	MAX TEMP -	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP -	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN 02													
GEORGETOWN 5 SW	WIND -	-	-	3004	2783	1587	1591	1560	1582	1937	-	-	-
	EVAP -	-	-	B 5.35	B 6.95	B 7.67	9.07	B 7.24	5.98	B 3.24	-	-	-
	MAX TEMP -	-	-	66.0	80.2	89.7	95.6	92.8	85.6	71.7	M -	-	M -
	MIN TEMP -	-	-	45.5	56.5	66.0	70.0	70.1	62.7	53.0	M -	-	M -

SEE REFERENCE NOTES FOLLOWING STATION INDEX
12

STATION INDEX

MARYLAND AND
DELAWARE
1983

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
MARYLAND												
ABERDEEN PHILLIPS FLD	00115	06	HARFORD	39 28	76 10W	57	59	59	0			C H
ANNAPOLIS POLICE BRKS	01193	04	ANNE ARUNDEL	38 59	76 30W	25	26	26	0			H
ASSATEAGUE STATE PARK	03335	01	WORCESTER	38 14	75 8W	7	17	17	0			H H J
BALTIMORE WSO AP	04465	04	ANNE ARUNDEL	39 11	76 40W	19	6	50	0			C
BALTIMORE WSO CI #	04770	06	BALTO CITY	39 17	76 37W	91	114	114	0			C C C
BELTSVILLE	07000	04	PRN GEORGES	39 2	76 53W	120	47	47	4	4		C C C
BENSON POLICE BARRACKS	07332	06	HARFORD	39 30	76 23W	369	37	37	0			H
BOYDS 2 NH	1032	06	MONTGOMERY	39 13	77 20W	580	32	32	0			
BRIGHTON DAM	1125	06	MONTGOMERY	39 12	77 1W	330	0	39	0			
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	38 34	76 4W	5	90	90	0			
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	18	18	0			C
CENTREVILLE	1627	05	QUEEN ANNES	39 3	76 4W	60	33	33	0			H H H
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	79	79	0			H
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	365	18	18	0			
COLLEGE PARK	1995	04	PRN GEORGES	38 59	76 57W	90	98	98	0			C
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	49	49	0			H
CRISFIELD SOMERS COVE	2215	01	SOMERSET	37 59	75 52W	8	20	20	0			
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	700	11	11	0			H
DALECARLIA RESVR D C	2325	04		38 56	77 7W	146	39	39	0			
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	720	12	12	0			H
DENTON 2 E	2523	02	CAROLINE	38 53	75 48W	50	34	34	0			H
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905	0	46	0			
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	29	29	0			H
FREDRICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	12	12	0			H
FREDERICK 3 E	3355	06	FREDERICK	39 24	77 22W	385	0	36	0			
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	13	13	0			H
GLENN DALE BELL STN	3675	04	PRN GEORGES	38 58	76 48W	150	64	64	0			
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	650	43	43	0			
HANCOCK FRUIT LAB	4030	07	WASHINGTON	39 42	78 11W	428	51	51	0			C
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	70	70	0			H H
LAUREL 3 W	5111	04	PRN GEORGES	39 6	76 54W	400	94	94	0			
MC HENRY 2 NW	5832	08	GARRETT	39 35	79 22W	2680	14	14	0			C
MECHANICSVILLE 1 SE	5865	03	ST MARYS	38 26	76 43W	160	23	23	0			
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	0	33	0			
MILLINGTON 2 WNW	5985	05	KENT	39 16	75 52W	30	88	88	0			H
NATIONAL ARBORETUM D C	6350	04		38 54	76 59W	50	38	38	0			
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	86	86	0			H H H
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	68	68	0			H H H
PARKTON 2 SW	6844	06	BALTIMORE	39 38	76 42W	600	32	32	0			C
PATUXENT RIVER	6915	03	ST MARY'S	38 20	76 25W	38	9	9	0			C
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270	0	22	0			
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	35	35	0			H
ROCKVILLE 3 NE	7705	06	MONTGOMERY	39 7	77 6W	400	35	35	0			H H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	37	37	0			
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	78	78	0			
SALISBURY FAA AP #	8005	01	WICOMICO	38 20	75 31W	48	37	37	0			H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	34	37	3	4		C
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	28	69	69	0			H H
SOLOMONS	8405	03	CALVERT	38 19	76 27W	12	93	93	0			
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	47	72	0			
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	45	43	0			C
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	38 52	76 47W	98	29	29	2	9		H H
VIENNA	9140	02	DORCHESTER	38 29	75 50W	12	36	36	0			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
1983

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	
WESTMINSTER POLICE BRK	9440	06	CARROLL	39 33	76 58 W	765	6	6	0			
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52 W	460	1 15	1 15	0			H
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	38 45	75 37 W	50	9 4	9 4	0			H
DOVER	2730	02	KENT	39 9	75 31 W	300	9 7	9 6	0			H
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27 W	45	3 9	3 9	3 1			C H
LEWES	5320	02	SUSSEX	38 46	75 8 W	155	4 1	4 1	0			H
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	39 26	75 45 W	600	3 3	3 3	0			H
MILFORD 2 WSW	9915	02	SUSSEX	38 54	75 28 W	300	8 9	8 9	0			H
NEWMARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44 W	90	7 2	7 2	2 8			C H
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36 W	79	3 7	3 7	0			C H J
WILMINGTON PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32 W	274	7 3	7 3	0			H

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
1983

DEFINITIONS

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

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.

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.

DIVISIONS: Areas within a state of similar climatological characteristics.

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.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.
- * Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known.
- V Includes total for previous month(s). (See * above)
- // 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 monthly 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 gage.
- I Trace. An amount too small to measure.
- 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).

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

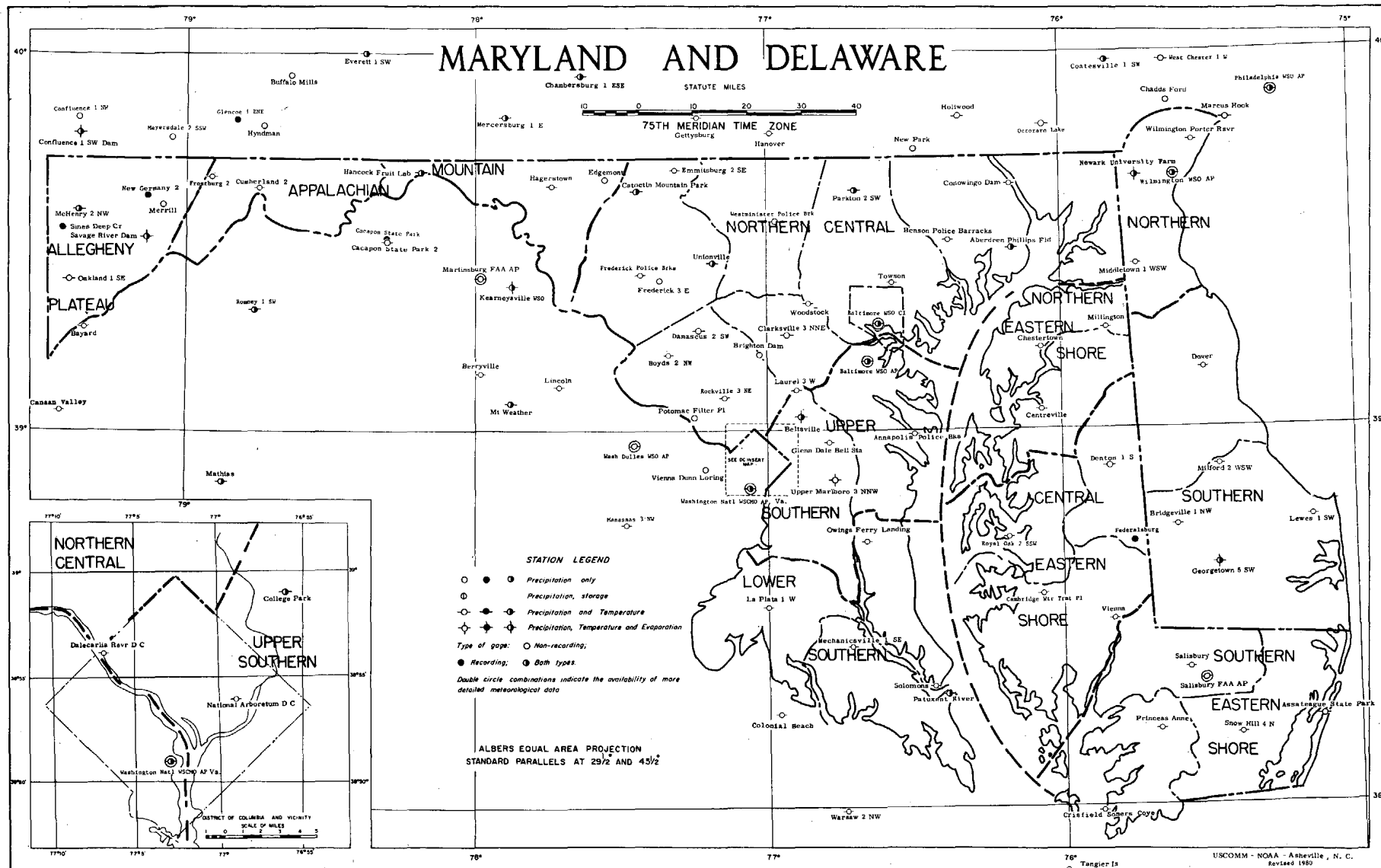
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- J Station also published as a "Local Climatological Data" publication.
- H Observations appear in "Snowfall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

Additional information regarding the climate of this state may be obtained by writing to the National Climatic Data Center, Federal Building, Asheville, N.C. 28801-2696, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Data Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING,
ASHEVILLE, N. C. 28801-2696.



CLIMATE PUBLICATIONS AVAILABLE FROM THE NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, N.C.

COMPARATIVE CLIMATIC DATA

Presents tables of monthly and annual averages, totals or extreme climate conditions for approximately 300 major population centers. This publication is particularly helpful for comparing temperature, rainfall, snowfall, wind velocities, sunshine, cloudiness and relative humidities for the principal cities. The cities are listed alphabetically by state in two sections: observed data and climatological normals. This is an annual publication.

STORM DATA

Monthly issue presents a chronological listing, by states, of occurrences of storms and unusual weather phenomena, together with data on the paths of individual storms, deaths, injuries, and estimated property damage, and a brief narrative description of each event. A new section in the bulletin entitled "OUTSTANDING STORMS OF THE MONTH" highlights severe weather and includes descriptive photographs of storms, their tracks, and analyzed maps. The December issue includes annual summaries of tornadoes and lightning and North Atlantic tropical cyclones.

MONTHLY CLIMATIC DATA FOR THE WORLD

Contains monthly means of temperature, pressure, precipitation, vapor pressure and sunshine for about 2,500 surface data stations worldwide. Also contains monthly mean upper air temperatures, dew point depressions and wind velocities for ten standard levels.

LOCAL CLIMATOLOGICAL DATA

Published monthly for each first-order station. Presents daily maximum and minimum temperatures, degree day data, precipitation, station pressures, wind statistics, sunshine and sky cover data, as well as 3-hourly data for certain parameters. An annual issue is available summarizing monthly data and including up to 40 years record, and featuring a narrative climatological summary and history of the station.

CLIMATOLOGICAL DATA

Published monthly for each state. Gives daily temperature and precipitation records, and monthly averages and totals, with departures from normal when available. Also derived statistics such as heating and cooling degree days, counts of days equaling or exceeding given temperature and precipitation thresholds, extremes, etc., are published for cooperative and first-order stations. Evaporation and soil temperature data are given for reporting stations. Seasonal snowfall, heating and cooling degree day tables included in selected tables. Annual summary also available.

HOURLY PRECIPITATION DATA

Monthly issue presents daily, hourly and maximum short duration data for the recording gage stations for each state except Alaska. The annual issue tabulates monthly and annual totals, and annual maximum precipitation data by selected time categories.

A WORLD OF INFORMATION!

For

- * Industry
- * Research & Development
- * Public Utilities
- * Governmental Agencies
- * Attorneys
- * Construction
- * Consultants
- * Insurance Companies
- * Colleges & Universities
- * Solar Energy

**FOR MORE INFORMATION CONTACT,
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801
(704) 259 - 0682
(FTS) 672 - 0682**

A FEW STATIONS WERE OMITTED FROM THE ORIGINAL ISSUE OF THIS PUBLICATION BECAUSE OF A DATA PROCESSING ERROR. ALSO, IN RARE INSTANCES, THERE WERE ERRORS IN THE DIVISIONAL AVERAGES. THIS REVISED ISSUE CORRECTS THESE PROBLEMS.

DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210
THIRD CLASS
BULK RATE

