

CLIMATOLOGICAL DATA ANNUAL SUMMARY MARYLAND AND DELAWARE 1982

VOLUME 86 NUMBER 13



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28801

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NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1982

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	4.80		M		M		M					
CRISFIELD SOMERS COVE	2.28	-.79		3.07	.12		3.43	-.54		4.15	.96	M
PRINCESS ANNE	3.15			3.55			3.56			4.32	.96	
SALISBURY	M 4.17			3.33	.08		3.21	-.91		3.28	.09	1.88 -1.30
SALISBURY FAA AP	4.42			3.84			2.61			3.80	1.43	
SNOW HILL 4 N	5.66	2.06		3.84	.22		3.31	-1.38		4.14	.79	1.80 -2.63
--DIVISIONAL DATA-->	4.06	.85		3.53	.33		3.22	-.89		3.94	.81	1.27 -1.93
CENTRAL EASTERN SHORE 02												
CAMBRIDGE WTR TRMT PL	3.93	.82	M	3.68			3.51	-.42		5.81	2.48	3.41 -.17
DENTON 2 E	2.77	-.38		3.50	.84		2.30	-1.52		5.53	2.29	1.91 -1.74
ROYAL OAK 2 SSW	3.68			4.79			3.16			5.66		2.55
VIENNA	M 2.92		M	2.98			3.22			4.38		1.87
--DIVISIONAL DATA-->	3.46	.33		4.15	1.33		3.05	-.78		5.35	2.09	2.44 -1.15
LOWER SOUTHERN SHORE 03												
LA PLATA 1 W	3.12	.04		4.05	1.33		3.38	-.18		3.26	.16	3.39 -.06
MECHANICSVILLE 1 SE	M 4.44		M	5.03			5.36			6.74		1.47
OWINGS FERRY LANDING	1.96	-.92		3.33	.78		3.32	-.17		3.94	.76	3.00 -.70
PATUXENT RIVER	2.67			4.37			3.70			3.95		3.13
SOLOMONS	2.66	-.46		3.34	.56		3.45	-.16		3.65	.52	M 3.39
--DIVISIONAL DATA-->	2.60	-.41		3.77	1.06		3.84	.22		4.31	1.17	2.75 -.71
UPPER SOUTHERN SHORE 04												
ANNAPOLIS POLICE BRKS				3.24	.58		3.03	-.54		4.91	1.78	3.37 -.15
BALTIMORE WSO AP	M 3.37	.46	R	4.04	1.23		3.03	-.66		3.61	.54	1.85 -1.76
BELTSVILLE	M 2.90			3.87			2.56			4.17		2.18
COLLEGE PARK	3.16	.43		3.80	1.25		2.56	-1.05		4.34	1.25	2.30 -1.58
DALECARLIA RESVR D C	2.87		M	3.97			2.54			4.41		2.51
GLENN DALE BELL STN	2.54	-.28		3.35	.73		2.80	-.92		4.38	1.19	4.08 .11
LAUREL 3 W	2.74			3.48			3.12			4.64		2.29
NATIONAL ARBORETUM D C	3.50			3.50			2.57			4.18		4.23
UPPER MARLBORO 3 NNW	2.80			3.29			2.38			4.82		5.61
--DIVISIONAL DATA-->	3.00	.21		3.57	.97		2.73	-.87		4.38	1.29	3.16 -.55
NORTHERN EASTERN SHORE 05												
CENTREVILLE	3.39		M	1.54			3.58			5.39		4.60
CHESTERTOWN	2.78	-.36		3.53	.68		3.78	-.08		4.62	1.47	4.59 .70
MILLINGTON 2 NNW	2.90	-.17		2.87	.17		3.36	-.29		4.35	1.29	4.64 1.10
--DIVISIONAL DATA-->	3.02	-.05		3.20	.45		3.57	-.16		4.79	1.67	4.61 .87
NORTHERN CENTRAL SHORE 06												
ABERDEEN PHILLIPS FLD	3.79			3.17			1.96			6.01		3.78
BALTIMORE WSO CI	3.17	.17		3.24	.32		2.68	-1.12		4.51	1.28	3.48 -.15
BENSON POLICE BARRACKS	3.87			2.29			2.16			5.63		4.36
BOYDS 2 NW	2.15			3.64			3.22			4.12		3.89
BRIGHTON DAM	3.17			4.31			3.06			4.09		2.17
CATOCTIN MOUNTAIN PARK	4.24			3.34			2.73			4.71		1.76

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1982

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	7.36		1.25		1.74		2.80		3.47		2.52			
CRISFIELD SOMERS COVE	9.16	4.96	4.47	.00	1.13	-2.25	1.48	-1.59M						
PRINCESS ANNE	4.08		2.23		1.61		2.96		4.34		3.54		38.83	
SALISBURY	6.88	2.99	2.70	-2.81	2.17	-1.53	3.23	.04	4.19	1.10	4.48	.99M	43.21	
SALISBURY FAA AP	7.41		1.51		2.63		2.85		4.13		3.79		42.32	
SNOW HILL 4 N	7.79	3.42	4.79	-.22	2.23	-1.59	3.98	.33	4.51	.95	2.62	-1.07	46.97	.33
--DIVISIONAL DATA----->	7.11	2.96	2.83	-2.12	1.92	-1.78	2.88	-.38	4.13	.92	3.61	.19	42.72	-.23
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	4.60	-.14	1.16	-3.74	1.78	-1.52	1.55	-1.42	5.21	1.52	2.02	-1.48		
DENTON 2 E	3.74	-.96	3.08	-1.56	1.45	-2.04	1.63	-1.30	5.16	1.58	2.85	-.60	41.33	-1.56
ROYAL OAK 2 SSW	6.32		2.33		2.79		2.25		6.35		4.08		48.26	
VIENNA	4.91		1.67		1.73		2.00		4.78		3.22		39.84	
--DIVISIONAL DATA----->	4.89	.25	2.06	-2.71	1.94	-1.47	1.86	-1.03	5.38	1.87	3.04	-.42	43.58	.79
LOWER SOUTHERN 03														
LA PLATA 1 W	4.51	.03	2.91	-1.62	2.66	-.81	1.97	-1.18	4.31	1.21	2.59	-.80	42.44	.80
MECHANICSVILLE 1 SE	2.62		2.76		2.76		2.47		5.48		3.88			
OWINGS FERRY LANDING	3.34	-.65	3.11	-1.40	1.45	-2.14	1.86	-1.19	4.72	1.45M	1.43		38.17	
PATUXENT RIVER	4.01		2.95		5.46		2.02		4.43		2.50		45.25	
SOLOMONS	2.99	-2.27	2.73	-1.58	5.01	1.77	2.01	-.78	4.62	1.27	2.46	-.81M	42.10	
--DIVISIONAL DATA----->	3.71	-.87	2.93	-1.66	3.47	.01	2.07	-1.00	4.71	1.42	2.86	-.50	43.19	1.38
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	3.44	-.44	1.14	-2.91	3.67	.59	3.34	.83	5.11	2.08	1.58	-1.74		
BALTIMORE WSO AP	2.16	-1.91	.95	-3.26	3.63	.51	2.31	-.50	3.13	.00	2.39	-.87	36.17	-4.29
BELTSVILLE	2.61		1.72		2.72		2.31		3.00		1.49		34.49	
COLLEGE PARK	4.35	.31	1.52	-3.49	2.38	-1.01	2.02	-.85	3.12	-.11	1.91	-1.35	37.43	-4.21
DALECARLIA RESVR D C	3.70		4.21		2.76		2.05		3.54		1.88		40.13	
GLENN DALE BELL STN	2.73	-1.77	1.41	-3.45	3.08	-.24	2.77	-.27	3.33	.02	2.09	-1.16	38.04	-4.65
LAUREL 3 W	3.71		2.25		3.87		2.64		2.75		1.57		38.48	
NATIONAL ARBORETUM D C	3.49		2.03		2.13		2.06		3.35		1.97		38.56	
UPPER MARLBORO 3 NNW	5.91		1.90		2.88		2.27		4.04		1.70		42.20	
--DIVISIONAL DATA----->	3.57	-.50	1.90	-2.82	3.01	-.28	2.42	-.44	3.49	.33	1.93	-1.29	38.61	-2.35
NORTHERN EASTERN SHORE 05														
CENTREVILLE	4.85		1.71		2.21		2.43		5.70		2.43		43.03	
CHESTERTOWN	3.62	-.59	.72	-3.45	2.72	-.59	2.25	-.48	4.88	1.39	2.33	-1.29	40.17	-2.05
MILLINGTON 2 WNW	3.10	-.78	.58	-3.58	2.41	-.77	2.91	.32	4.90	1.46M				
--DIVISIONAL DATA----->	3.86	-.23	1.00	-3.16	2.45	-.92	2.53	-.11	5.16	1.73	2.38	-1.04	41.23	.16
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	1.66		2.34		2.25		1.88		4.04		1.57		38.65	
BALTIMORE WSO CI	1.29	-2.83	1.83	-2.18	3.28	.03	1.70	-1.16	3.05	-.16	1.61	-1.83	34.38	-6.93
BENSON POLICE BARRACKS	2.39		2.68		3.32		2.20		3.09		2.02		41.27	
BOYDS 2 NW	3.03		1.08		3.14		2.43		3.18		1.57		38.07	
BRIGHTON DAM	3.48		2.44		3.15		2.31		3.70		2.93		40.28	
CATOCTIN MOUNTAIN PARK	3.11		1.21		3.36		1.66		3.19		1.68		38.42	

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TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

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DELAWARE
1982

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
CLARKSVILLE 3 NNE	3.32		3.66		2.70		4.57		2.54		5.04	
CONOWINGO DAM	4.24	1.28 M	3.48		2.38	-1.53	4.11	.64	3.09	-1.00	6.26	2.31
DAMASCUS 2 SW	3.43		3.93		3.31		4.91		3.20		5.66	
EMMITSBURG 2 SE	4.38		3.20		2.05		4.89		1.82		6.24	
FREDRICK POLICE BRKS	3.40		2.93		2.90				2.56		6.82	
FREDERICK 3 E	4.08		4.23		2.32		4.08		2.82		7.16	
PARKTON 2 SW	3.92		3.86		2.74		4.30		3.13		7.80	
POTOMAC FILTER PLANT	2.48		4.02		3.11		3.79		2.43		5.43	
ROCKVILLE 3 NE	2.88		1.78		3.42		2.65		2.59		4.96	
TOWSON	3.51		3.67	.77	2.34	-1.48	4.51	1.00	4.01	.18	4.84	1.25
UNIONVILLE	3.25	.68	3.68	1.33	2.06	-1.22	3.73	.45	1.73	-2.13	6.93	3.24
WESTMINSTER POLICE BRK	3.17		3.00		2.15		4.02		2.64		5.54	
WOODSTOCK	4.05	1.20	3.89	1.19	2.82	-.80	4.53	1.26	3.73	-.10	4.93	1.28
--DIVISIONAL DATA-->	3.56	.70	3.29	.61	2.60	-1.10	4.48	1.14	3.02	-.86	6.07	2.38
APPALACHIAN MOUNTAIN 07												
CUMBERLAND 2	4.29		3.44		3.51		2.69		1.91		4.20	
EDGEMONT	3.37	.65	2.95	.55	3.15	-.39	4.14	.73	1.49	-2.46	7.19	3.43
FROSTBURG 2	5.80		4.35		4.02		2.86		4.92		5.41	
HAGERSTOWN	3.60		2.40		3.27		2.96		1.64		6.01	
HANCOCK FRUIT LAB	3.65	1.14	2.66	.47	2.29	-1.20	3.24	.29	2.52	-.98	4.75	1.23
--DIVISIONAL DATA-->	4.34	1.78	3.21	.85	3.27	-.34	2.94	-.28	2.75	-.90	5.09	1.55
ALLEGHENY PLATEAU 08												
MC HENRY 2 NW	4.90		3.92		5.04		2.51		3.27		5.13	
MERRILL	3.50		3.05		3.22		1.25		3.87		4.08	
OAKLAND 1 SE	4.26	.42	3.23	-.10	6.11	1.43	2.62	-1.66	4.52	.04	4.40	.12
SAVAGE RIVER DAM	4.12		3.56		4.14		2.18		2.72		4.09	
--DIVISIONAL DATA-->	4.58	1.06	3.57	.35	5.10	.77	2.44	-1.60	3.50	-.75	4.54	.31
DELAWARE												
NORTHERN 01												
MIDDLETOWN 1 WSW	2.39		1.90		3.03		5.18		4.58		4.06	
NEWARK UNIVERSITY FARM	4.40	1.53	2.62	.00	2.17	-1.45	5.25	1.91	4.61	.93	5.18	1.78
WILMINGTON WSO AP	3.75	.90	2.71	-.04	2.87	-.87	5.41	2.21	3.72	.37	4.70	1.46
WILMGTON PORTER RESVR	4.83	1.84	3.56	.85	2.84	-.97	6.46	2.82	4.15	.45	6.29	2.77
--DIVISIONAL DATA-->	4.33	1.42	2.96	.27	2.73	-.94	5.58	2.23	4.27	.73	5.06	1.71
SOUTHERN 02												
BRIDGEVILLE 1 NW	4.01	.90	4.05	1.24	2.74	-1.18	4.58	1.30	2.11	-1.21	5.44	1.72
DOVER	4.38		3.57	.84	2.82	-.98	5.00	1.81	1.66	-2.05	4.77	1.43
GEORGETOWN 5 SW	3.64		2.88		3.11		3.54		1.21		4.09	
LEWES	3.64		3.03		4.62		4.52		1.10		7.64	
MILFORD 2 WSW	4.26		3.83		2.93		4.53		2.39		3.15	
--DIVISIONAL DATA-->	3.97	.66	3.58	.62	3.24	-.78	4.43	1.17	1.69	-1.78	5.02	1.36

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TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

MARYLAND AND
DELAWARE
1982

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	2.64		2.66		2.86		2.35		3.06		1.78		37.18	
CONOWINGO DAM	.99	-3.34	2.84	-1.36	3.33	.02	2.22	-.64	M		1.95	-1.65		
DAMASCUS 2 SW	4.57		1.86		3.44		2.40		3.33		2.01		42.05	
EMMITSBURG 2 SE	1.32		2.35		2.84		1.24		3.75		1.70		35.78	
FREDRICK POLICE BRKS			1.19		3.04		1.48		4.80		1.58			
FREDERICK 3 E	3.97		1.15		3.39		1.68		3.50		1.56		39.94	
PARKTON 2 SW	1.89		1.44		4.10		1.90		2.96		2.02		40.06	
POTOMAC FILTER PLANT	2.53		1.93		5.26		2.22		M		1.52			
ROCKVILLE 3 NE	2.66		.78		3.79		2.17		1.34		1.75		30.77	
TOWSON	1.85	-2.11	2.87	-1.27	3.76	.32	2.29	-.87		-.26	1.76	-1.83	38.75	
UNIONVILLE	5.42	1.19	.79	-3.02	3.98	1.08	1.54	-1.14		-.10	1.44	-1.76	37.61	-1.40
WESTMINSTER POLICE BRK	1.38		2.53		3.67		1.68		2.79		1.69		34.26	
WOODSTOCK	3.99	-.02	2.44	-1.43	2.76	-.91	1.92	-1.01	3.11	-.20	2.07	-1.20	40.24	-.74
--DIVISIONAL DATA-->	2.61	-1.50	1.93	-2.19	3.31	-.06	1.94	-.94	3.21	-.14	1.76	-1.60	37.78	-3.56
APPALACHIAN MOUNTAIN														
CUMBERLAND 2	5.42		1.49		1.05		.58		2.58		1.59		32.75	
EDGEMONT	2.90	-.73	1.37	-2.44	3.16	-.28	1.92	-1.08	3.19	-.22	1.39	-1.62	36.22	-3.86
FROSTBURG 2	3.24		2.62		1.73		1.12		3.46		2.18		41.71	
HAGERSTOWN	1.92		.70		2.57		1.60		3.09		1.62		31.38	
HANCOCK FRUIT LAB	2.30	-1.12	2.94	-.21	2.11	-.95	1.18	-1.56	3.12	.34	1.75	-.80	32.51	-3.35
--DIVISIONAL DATA-->	3.22	-.31	1.94	-1.55	1.87	-1.17	1.12	-1.59	3.06	.33	1.79	-.99	34.60	-2.62
ALLEGHENY PLATEAU														
MC HENRY 2 NW	4.46		4.44		3.47		1.40		3.71		3.08		45.33	
MERRILL	3.87		3.08		2.00		.92		2.48		1.24		32.56	
OAKLAND 1 SE	7.00	2.22	3.19	-1.17	2.63	-.46	1.33	-1.58	3.12	-.15	2.58	-1.23	44.99	-2.12
SAVAGE RIVER DAM	4.92		2.04		1.95		1.29		3.20		1.59		35.80	
--DIVISIONAL DATA-->	5.46	.94	3.22	-.77	2.68	-.46	1.34	-1.59	3.34	.21	2.42	-1.12	42.19	-2.65
DELAWARE														
NORTHERN														
MIDDLETOWN 1 WSW	2.87		1.94		2.67		2.36		3.90		2.12		37.00	
NEWARK UNIVERSITY FARM	2.66	-2.00	3.85	-.28	3.12	-.22	2.04	-.76	4.37	1.00	2.05		42.32	
WILMINGTON WSO AP	2.70	-1.61	4.68	.70	2.30	-1.12	1.97	-.63	3.87	.38	2.39	-.93	41.07	.82
WILMGTN PORTER RESVR	2.46	-2.20	4.15	-.36	2.55	-.79	2.45	-.39	3.61	-.23	1.96	-1.47	45.31	2.32
--DIVISIONAL DATA-->	2.67	-1.65	3.66	-.50	2.66	-.64	2.21	-.60	3.94	.43	2.16	-1.19	42.23	1.27
SOUTHERN														
BRIDGEVILLE 1 NW	2.94	-2.09	1.49	-3.37	2.58	-.88	1.42	-1.55	4.72	1.54	2.68	-.73	38.76	-4.31
DOVER	2.86	-1.13	2.36	-2.43	3.06	-.53	1.97	-1.09	4.24	.64	2.87	-.55	39.56	
GEORGETOWN 5 SW	5.77		2.92		2.04		2.88		4.69		3.14		39.91	
LEWES	4.01		5.87		1.25		2.39		5.02		2.63		45.72	
MILFORD 2 WSW	2.67		1.96		2.99		2.30		5.59		2.40		39.00	
--DIVISIONAL DATA-->	3.65	-.92	2.92	-1.90	2.38	-1.18	2.19	-.92	4.85	1.36	2.74	-.82	40.66	-3.13

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

MARYLAND AND
DELAWARE
1982

1982																											
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	30.0												75.7		73.8		69.4		61.3		52.9				M45.9		
CRISFIELD SOMERS COVE	31.6	-6.4	39.6	.4	45.6	-8	54.1	-3.0	68.0	1.3	72.1	-2.8	78.6	-7	75.2	-2.6	70.2	-2.0	60.1	-2.1			M		M		
PRINCESS ANNE	30.5		38.3		45.5		51.0		65.0		70.3		76.2		72.2		67.5		56.8		M50.5				M45.4		M55.8
SALISBURY	31.9	-5.6	39.9	.9	46.6	.7	53.4	-2.5	66.5	1.2	71.0	-2.2	77.4	.1	73.6	-2.1	68.6	-1.2	58.9	-7	52.0	2.4	M46.8	7.5	M57.2		-1
SALISBURY FAA AP	29.9		38.2		44.7		51.8		66.9		71.0		77.6		73.3		68.1		56.6		50.4				M44.5		M56.1
SNOW HILL 4 N	30.7	-5.9	38.7	.6	45.3	.7	52.6	-1.8	65.8	2.0	70.0	-2.0	75.9	-4	72.5	-2.3	67.1	-1.8	57.0	-1.7	50.9	2.6	M45.9	7.4	M56.0		-2
--DIVISIONAL DATA----->	30.8	-6.1	38.9	.7	45.5	.5	52.6	-2.4	66.4	2.0	70.9	-1.8	76.9	-1	73.4	-2.2	68.5	-1.1	58.5	-1.0	51.3	2.2	M45.7	6.7	M56.6		-1
CENTRAL EASTERN SHORE 02																											
CAMBRIDGE WTR TRMT PL	29.9		39.6		46.0		53.6		67.6				78.5		74.9		70.2		59.9		53.0				M46.0		M
DENTON 2 E	28.0	-6.9	37.9	1.4	44.4	.4	52.1	-2.8	65.6	.7	70.1	-3.1	76.2	-9	71.5	-3.9	66.2	-2.8	56.9	-1.5	49.3	1.5	M43.3	6.4	M55.1		-1.0
ROYAL OAK 2 SSW	M28.5		38.0		44.4		52.8		67.4		71.6		77.7		73.4		68.5		59.3		51.4				M45.2		M56.5
VIENNA	29.4		38.7		46.1		53.6		67.8		72.1		78.8		73.6		68.9		58.9		51.4				M45.5		M57.1
--DIVISIONAL DATA----->	29.0	-6.7	38.6	1.5	45.2	.6	53.0	-2.2	67.1	2.2	71.3	-1.8	77.8	.7	73.4	-2.1	68.5	-9	58.8	-3	51.3	2.8	M45.0	7.2	M56.6		.1
LOWER SOUTHERN 03																											
LA PLATA 1 W	28.8	-6.9	38.0	.7	45.3	.3	53.0	-2.7	66.0	1.3	69.9	-2.5	75.6	-8	72.0	-2.8	67.5	-1.2	57.9	-3	49.9	2.5	M45.0	8.2	M55.7		-4
MECHANICSVILLE 1 SE	27.7		35.4		42.7		50.0		63.3		71.0		M77.9				66.6		55.3		47.9				M43.4		M
OWINGS FERRY LANDING	29.4	-6.5	37.9	.6	44.8	.0	53.5	-2.4	67.2	2.3	70.0	-2.8	77.6	.9	71.2	-3.7	67.9	-9	56.2	-2.3	50.9	2.7	M44.6	7.1	M55.9		-4
PATUXENT RIVER	29.7		38.3		44.6		52.7		67.2		72.1		79.3		74.9		69.9		59.5		52.1				M46.0		M57.2
SOLOMONS	30.4	-6.9	38.4	-1	M44.0	-1.5	52.0	-4.0	66.2	.1	M70.8	-3.6	77.6	-1.1	74.9	-2.8	70.5	-1.5			M53.3	2.7	M		M		
--DIVISIONAL DATA----->	29.2	-6.8	37.6	.1	44.3	-7	52.2	-3.5	66.0	1.0	70.8	-2.1	77.6	.7	73.3	-1.9	68.5	-7	57.2	-1.5	50.8	2.6	M44.8	7.2	M56.0		-4
UPPER SOUTHERN 04																											
ANNAPOLIS POLICE BRKS	M		37.9	2.1	44.0	.8	53.2	-9	67.1	3.2	71.8	-7	78.4	1.7	74.6	-5	69.9	1.0	58.7	.5	50.3	2.9	M45.2	8.3	M		
BALTIMORE WSO AP	R 25.5	-7.9	35.8	1.0	42.9	.1	50.7	-3.1	66.1	2.4	69.4	-3.0	77.1	.5	73.0	-1.9	67.3	-1.2	56.3	-1.1	48.4	2.3	M42.0	6.7	M54.5		-4
BELTSVILLE	24.0		34.9		41.8		50.1		64.5		69.5		76.0		71.6		66.9		55.6		48.3				M41.8		M53.8
COLLEGE PARK	26.1	-8.8	36.7	.1	43.3	-1.1	52.4	-2.8	66.5	1.7	71.0	-1.9	78.0	1.1	73.6	-1.6	68.6	-1	57.3	-6	50.0	3.1	M43.7	7.2	M55.6		-3
DALECARLIA RESVR D C	27.3		37.7		44.9		52.4		67.4		M70.8		77.6		72.9		67.6		57.2		49.4				M43.7		M55.7
GLENN DALE BELL STN	26.7	-7.4	36.7	.9	44.1	.6	51.5	-2.8	64.7	.9	69.0	-2.8	74.5	-1.3	71.0	-3.1	65.8	-2.0	56.4	-6	49.0	2.8	M44.0	8.5	M54.5		-5
LAUREL 3 W	27.7						51.7		68.3		68.9		77.4		73.1		66.8		58.0		50.1				M43.3		M
NATIONAL ARBORETUM D C	26.3		36.6		43.4		52.0		67.2		70.8		77.6		72.3		67.7		57.0		49.3				M43.6		M55.3
UPPER MARLBORO 3 NNW	26.1		36.2		42.8		51.9		65.6		69.7		75.6		71.2		65.1		54.8		49.4				M43.2		M54.3
--DIVISIONAL DATA----->	26.2	-7.9	36.6	.9	43.4	-1	51.8	-2.6	66.4	2.4	70.1	-2.1	76.9	.5	72.6	-2.1	67.3	-1.0	56.8	-9	49.4	2.8	M43.4	7.3	M55.1		-1
NORTHERN EASTERN SHORE 05																											
CENTREVILLE	27.7		37.8		44.6		52.7		66.0		70.7		77.1		72.4		67.9		58.7		51.1				M44.0		M55.9
CHESTERTOWN	25.6	-8.5	35.3	-3	42.9	-4	51.2	-2.9	66.0	1.8	70.6	-2.3	77.0	-3	72.7	-2.9	67.3	-2.1	57.6	-1.2	49.6	2.1	M42.8	6.3	M54.9		-9
HILLINGTON 2 NNW	25.2	-8.6			42.7	-7	50.9	-3.0	65.5	1.9	69.4	-2.6	76.1	-1	72.3	-2.2	66.6	-1.8	M57.4	-5	49.9	3.0	M		M		
--DIVISIONAL DATA----->	26.2	-8.0	36.6	.8	43.4	.1	51.6	-2.7	65.8	1.8	70.2	-2.5	76.7	-3	72.5	-2.7	67.3	-1.9	57.9	-8	50.2	2.6	M43.4	6.9	M55.2		-5
NORTHERN CENTRAL 06																											
ABERDEEN PHILLIPS FLD	25.4		36.3		43.2		51.9		65.7		69.8		77.0		72.6		67.9		57.3		50.1				M43.7		M55.1
BALTIMORE WSO CI	R 28.0	-8.1	37.8	.4	44.7	-4	54.1	-2.3	69.4	3.1	73.2	-1.9	80.9	1.5	76.0	-1.6	70.9	-2	60.3	-4	51.9	2.7	M44.9	6.4	M57.7		-1
BENSON POLICE BARRACKS	25.6		35.3		43.0		52.2		66.8		70.5		76.5		71.5		66.3		57.1		48.5				M41.9		M54.6
BOYDS 2 NW	25.3		35.6		43.4		52.2		65.9		68.5		74.3		70.1		66.0		56.2		48.6				M42.1		M54.0
CATOCTIN MOUNTAIN PARK	21.8		31.3		39.1		48.6		64.3		65.0		72.3		68.1		63.7		54.9		45.9				M40.0		M51.3
CLARKSVILLE 3 NNE	24.9		35.2		41.6		50.4		64.3		69.2		75.6		70.8		66.2		55.5		47.8				M42.5		M53.7
CONOWINGO DAM	24.3	-6.6	32.8	.3	40.4	-3	49.2	-2.8	64.9	2.8	68.2	-2.6	76.4	1.2	71.6	-1.8	66.6	-3	55.5	-6					M40.2	7.0	M
DAMASCUS 2 SW	24.2		34.3		41.6		50.5		65.1		67.6		74.5		70.2		65.7		56.2		48.0				M41.0		M53.2
EMMITSBURG 2 SE	22.0		32.0		40.0		48.9		63.6		67.0		75.0		69.6		65.5		55.5		47.6				M41.2		M52.3
FREDRICK POLICE BRKS	26.0		35.9		43.9				67.8		70.4				72.9		67.8		57.8		49.9				M		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

MARYLAND AND
DELAWARE
1982

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 //	22.0		32.0		39.2		47.3		62.5		65.7		72.8		68.5		63.6		53.9		45.3		39.1		51.0	
ROCKVILLE 3 NE	26.7		35.8		44.5		52.1		64.8		67.8		73.0		69.8		63.6		57.6		47.2		41.4		53.7	
TOMSON	26.5		36.4		43.5		52.0		66.7		71.1		78.9		74.3		68.2		57.8		48.8		42.8		55.6	
UNIONVILLE	24.7	-5.8	35.3	2.8	42.4	1.8	49.6	-1.8	63.7	2.5	67.7	-2.1	74.0	.1	69.2	-2.8	64.4	-.8	54.6	.0	46.8	3.4	40.6	8.0	52.8	.4
WESTMINSTER POLICE BRK	24.2		34.4		41.7		51.1		66.1		68.9		76.1		71.1		67.0		57.1		48.6		41.7		54.0	
WOODSTOCK	25.3	-7.0	35.0	1.0	42.2	.3	51.3	-1.7	65.5	2.7	69.0	-1.7	75.6	.8	71.4	-1.7	66.4	.1	56.5	.9	48.6	4.1	42.1	8.0	54.1	.5
--DIVISIONAL DATA----->	24.8	-7.7	34.7	.7	42.2	.1	50.8	-2.4	65.4	2.5	68.7	-2.4	75.5	.3	71.1	-2.4	66.2	-.9	56.5	.1	48.2	3.0	41.8	7.4	53.8	.0
APPALACHIAN MOUNTAIN 07	25.2		34.8		44.4		50.5		67.2		68.6		74.5		70.7		66.1		56.8		47.3		41.1		53.9	
CUMBERLAND 2	18.7		27.7		35.4		43.2		60.5		61.4		68.0		63.4		60.3		50.9		42.3		37.2		47.4	
FROSTBURG 2	23.9		33.5		42.2		51.1		67.1		69.2		75.8		71.2		66.7		56.6		48.3		41.3		53.9	
HAGERSTOWN	23.6		34.1		41.6		48.7		64.0		66.7		73.2		67.7		63.5		55.8		47.5		41.5		52.3	
--DIVISIONAL DATA----->	22.9	-8.4	32.5	-.5	40.9	-.2	48.4	-4.2	64.7	2.6	66.5	-3.6	72.9	-.9	68.3	-3.9	64.2	-1.3	55.0	-.2	46.4	2.7	40.3	7.2	51.9	-.8
ALLEGHENY PLATEAU 08	18.0		26.1		35.8		42.8		62.2		61.7		68.5		63.4		60.0		50.5		42.0		36.7		47.3	
MC HENRY 2 NW	22.2	-5.3	31.2	2.4	39.4	3.4	44.4	-3.3	61.0	4.3	62.5	-1.8	69.2	1.8	64.5	-2.0	60.0	-.2	51.4	1.0	43.8	4.4	38.7	9.5	49.0	1.2
OAKLAND 1 SE	19.3		29.1		37.7		45.0		62.2		63.2		69.5		64.9		61.7		51.7		43.4		37.3		48.8	
SAVAGE RIVER DAM	19.8	-7.0	28.8	.9	37.6	2.2	44.1	-3.2	61.8	5.0	62.5	-1.9	69.1	1.5	64.3	-2.1	60.6	.6	51.2	1.0	43.1	4.1	37.6	8.9	48.4	.8
--DIVISIONAL DATA----->	19.8	-7.0	28.8	.9	37.6	2.2	44.1	-3.2	61.8	5.0	62.5	-1.9	69.1	1.5	64.3	-2.1	60.6	.6	51.2	1.0	43.1	4.1	37.6	8.9	48.4	.8
DELAWARE																										
NORTHERN 01																										
MIDDLETOWN 1 WSW	26.1		36.7		43.0		51.3		65.1		69.4		76.0		72.0		67.4		56.9		50.3		42.9		54.8	
NEWARK UNIVERSITY FARM	25.4	-6.8	35.5	1.6	42.1	.4	50.7	-1.9	64.7	2.0	69.2	-2.1	76.3	.8	72.0	-1.5	67.9	.5	56.9	.2	48.6	3.2	41.9	7.4	54.3	.3
WILMINGTON WSO AP	24.2	-7.8	34.2	.6	41.8	.2	50.6	-1.7	65.0	2.6	69.9	-1.5	77.3	1.5	72.0	-2.1	67.4	-.5	56.0	-1.2	47.5	1.8	41.3	6.6	53.9	-.1
WILMINGTON PORTER RESVR	24.0	-7.8	34.0	.8	40.7	-.4	50.8	-1.0	66.6	4.7	71.5	.8	77.1	2.1	71.1	-2.3	66.2	-1.0	55.5	-1.3	47.3	1.8	41.5	7.0	53.9	.3
--DIVISIONAL DATA----->	24.9	-7.4	35.1	1.3	41.9	.1	50.9	-1.6	65.4	2.8	70.0	-1.4	76.7	1.0	71.8	-2.1	67.2	-.5	56.3	-.8	48.4	2.6	41.9	7.0	54.2	.1
SOUTHERN 02																										
BRIDGEVILLE 1 NW	28.7	-6.3	37.9	1.4	44.5	.9	52.1	-1.7	65.4	1.7	70.6	-1.6	76.9	.8	71.7	-2.5	66.6	-1.6	57.2	-.7	49.8	2.4	43.5	6.6	55.4	-.1
DOVER	28.2	-6.9	37.9	1.1	44.3	.2	52.2	-2.3	65.9	1.5	69.9	-3.0	77.5	.5	73.9	-1.3	68.7	-.8	58.6	-.4	51.5	3.3	45.3	8.0	56.2	.0
GEORGETOWN 5 SW	27.6		36.2		42.6		50.3		64.0		69.5		75.4		71.5		66.5		56.1		49.9		44.2		54.5	
LENES	30.0		40.4		45.3		53.8		63.9		69.8		77.6		74.2		68.5		59.8		53.4		49.1		57.2	
MILFORD 2 WSW	28.1		36.9		43.1		51.1		63.6		69.9		77.6		72.8		67.3		57.6		51.1		45.2		55.4	
--DIVISIONAL DATA----->	28.5	-6.9	37.9	1.2	44.0	.2	51.9	-2.0	64.6	1.0	69.9	-2.2	77.0	.7	72.8	-1.8	67.5	-1.1	57.9	-.4	51.1	3.2	45.5	8.2	55.7	.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND
DELAWARE
1982

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF										FIRST FALL MINIMUM OF										NUMBER OF DAYS BETWEEN DATES						
					16° OR BELOW		20° OR BELOW		24° OR BELOW		28° OR BELOW		32° OR BELOW		32° OR BELOW		28° OR BELOW		24° OR BELOW		20° OR BELOW		16° OR BELOW		16° OR BELOW	20° OR BELOW	24° OR BELOW	28° OR BELOW	32° OR BELOW		
					DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.							
MARYLAND																															
SOUTHERN EASTERN SHORE 01																															
ASSATEAGUE STATE PARK	95	7/27			1/30	12	1/30	12	1/30	12	1/30	12	1/30	12	10/23	30	12/10	23	12/10	23	12/13	14	12/13	14	12/13	14	317	317	314	314	266
CRISFIELD SOMERS COVE					1/26	16	2/26	20	2/26	20	3/29	27	4/8	31	NONE		NONE		NONE		NONE		NONE		NONE						
PRINCESS ANNE	94	9/2	-2	1/18	4/8	12	4/8	12	4/8	12	4/15	28	4/29	30	10/18	25	10/18	25	10/24	20	10/24	20	12/13	8	249	199	199	186	172		
SALISBURY	94	7/18	-2	1/17	2/14	16	2/26	19	3/29	24	4/8	28	4/12	31	10/18	31	11/7	28	12/10	18	12/10	18	12/13	13	302	287	256	213	189		
SALISBURY FAA AP	94	7/19	-1	1/17	2/26	15	2/26	15	3/29	22	4/8	28	4/15	32	10/18	30	11/7	27	12/9	24	12/10	18	12/12	13	289	287	255	213	186		
SNOW HILL 4 N	92	7/19	-5	1/18	2/26	13	3/29	19	3/29	19	4/15	28	4/15	28	10/18	27	10/18	27	11/7	24	12/10	18	12/13	10	290	256	223	186	186		
CENTRAL EASTERN SHORE 02																															
CAMBRIDGE WTR TRMT PL			-5	1/11	1/28	13	2/14	19	4/7	24	4/7	24	4/12	32	10/18	32	11/8	28	12/10	20	12/10	20	12/14	15	320	299	247	215	189		
DENTON 2 E	95	7/27	-10	1/18	2/14	12	2/26	17	4/8	22	4/12	28	4/15	31	10/11	31	10/18	24	10/18	24	12/10	13	12/10	13	299	287	193	189	179		
ROYAL OAK 2 SSW	93	7/27	-6	1/18	1/30	16	2/26	20	4/7	23	4/8	28	4/12	32	10/18	32	11/16	27	12/10	16	12/10	16	12/10	16	314	287	247	222	189		
VIENNA	96	7/4	-4	1/17	1/28	16	2/27	19	4/7	24	4/8	28	4/12	32	11/7	28	11/7	28	12/10	18	12/10	18	12/13	15	319	286	247	213	209		
LOWER SOUTHERN 03																															
LA PLATA 1 W	90	7/18	-6	1/17	2/7	15	4/7	20	4/7	20	4/12	25	4/12	25	10/18	31	11/6	27	11/16	23	12/10	18	12/13	14	309	247	223	208	189		
MECHANICSVILLE 1 SE			-7	1/17	2/26	12	3/29	20	4/7	21	4/12	26	4/22	30	10/17	30	11/7	28	11/16	22	12/13	10	12/13	10	290	259	223	209	178		
OWINGS FERRY LANDING	95	7/26	-6	1/17	1/27	5	2/26	19	4/7	23	4/8	26	4/12	31	10/23	32	11/7	26	11/16	24	12/9	17	NONE			286	223	213	194		
PATUXENT RIVER	96	7/26	-2	1/17	1/27	12	2/14	19	3/1	24	4/7	27	4/12	32	12/9	30	12/10	23	12/10	23	12/14	19	NONE			303	284	247	241		
SOLOMONS	96	7/18	0	1/17	1/28	15	1/28	15	3/28	24	4/7	25	4/12	32	11/16	29	12/10	21	12/10	21	12/13	20	NONE			319	257	247	218		
UPPER SOUTHERN 04																															
ANNAPOLIS POLICE BRKS	96	7/26			NONE		2/14	19	4/7	22	4/8	27	4/12	30	11/6	30	11/16	27	12/10	22	12/13	19	NONE			302	247	222	208		
BALTIMORE WSO AP	96	7/26	-7	1/17	2/7	15	3/1	20	4/7	22	4/12	28	4/23	31	10/18	30	11/6	27	11/16	22	12/10	16	12/10	16	306	284	223	208	178		
BELTSVILLE	95	7/19	-12	1/11	2/26	13	3/29	19	4/7	21	4/12	25	4/15	32	10/17	32	10/18	28	11/7	24	12/10	14	12/10	14	287	256	214	189	185		
COLLEGE PARK	96	7/19	-7	1/17	2/26	16	3/1	20	4/7	22	4/12	28	4/12	28	10/18	30	11/6	28	11/16	22	12/10	17	12/13	12	290	284	223	208	189		
DALECARLIA RESVR D C	96	7/18	-7	1/17	2/8	15	4/6	19	4/6	19	4/12	27	4/23	32	10/18	31	10/23	28	11/16	22	12/10	17	12/13	11	308	248	224	194	178		
GLENN DALE BELL STN	96	7/18	-8	1/17	3/1	16	3/29	18	4/12	23	4/23	28	4/29	31	10/17	30	10/18	24	10/18	24	11/16	18	12/10	13	284	232	189	178	171		
LAUREL 3 W	96	7/17	-4	1/17	1/28	16	2/26	19	4/7	22	4/8	25	4/10	32	11/6	29	11/16	26	12/8	21	12/10	17	12/13	10	319	287	245	222	192		
NATIONAL ARBORETUM D C	97	7/19	-10	1/17	1/28	8	4/8	18	4/8	18	4/8	18	4/9	29	10/18	31	11/6	28	11/16	23	12/11	16	12/11	16	317	247	222	212	192		
UPPER MARLBORO 3 NNW	95	7/20	-5	1/17	2/7	15	3/1	20	4/7	24	4/12	26	4/12	26	10/18	28	10/18	28	11/16	21	12/10	16	12/10	16	306	284	223	189	189		
NORTHERN EASTERN SHORE 05																															
CENTREVILLE	93	7/26	-6	1/17	2/14	16	2/25	17	4/9	22	4/9	22	4/12	30	10/18	29	11/7	27	11/17	24	12/10	15	12/10	15	299	288	222	212	189		
CHESTERTOWN	94	7/18	-7	1/17	2/7	16	2/26	18	4/7	21	4/8	26	4/8	26	10/18	31	11/16	26	12/9	22	12/10	16	12/10	16	306	287	246	222	193		
MILLINGTON 2 MNW	95	7/26	-8	1/18	2/27	14	4/7	20	4/7	20	4/12	27	4/22	32	10/18	27	10/18	27	11/16	23	12/10	14	12/10	14	286	247	223	189	179		
NORTHERN CENTRAL 06																															
ABERDEEN PHILLIPS FLD	94	7/27	-9	1/17	1/28	14	2/26	17	4/7	21	4/8	25	4/10	30	10/18	30	11/16	22	11/16	22	12/10	15	12/10	15	316	287	223	222	191		
BALTIMORE WSO CI	97	7/26	-2	1/17	1/27	13	2/26	20	4/7	21	4/8	26	4/9	32	11/16	32	12/9	24	12/9	24	12/10	20	NONE			287	246	245	221		
BENSON POLICE BARRACKS	94	7/19	-9	1/17	2/26	14	4/7	17	4/8	21	4/12	27	4/12	27	10/18	29	11/6	25	11/16	22	11/28	20	12/10	12	287	235	222	208	189		
BOYDS 2 NW	93	7/17	-12	1/17	2/26	13	4/7	19	4/8	22	4/8	22	4/22	32	10/18	29	11/6	24	11/6	24	12/10	12	12/10	12	287	247	212	212	179		
CATOCTIN MOUNTAIN PARK	92	7/20	-16	1/17	4/8	16	4/8	16	4/10	24	4/12	27	4/12	27	10/23	28	10/23	28	11/16	15	11/16	15	11/16	15	222	222	220	194	194		
CLARKSVILLE 3 NNE	97	7/18	-11	1/17	3/1	16	4/7	17	4/12	23	4/23	26	4/24	30	10/17	29	10/18	25	11/6	24	11/16	17	12/10	12	284	223	208	178	176		
CONOWINGO DAM	96	7/18			2/12	13	4/7	19	4/8	23	4/10	27	4/29	32	10/18	32	12/8	28	12/9	23	12/10	15	12/10	15	301	247	245	242	172		
DAMASCUS 2 SW	92	7/19	-12	1/17	2/26	12	4/7	18	4/8	21	4/8	21	4/12	29	10/18	31	11/6	28	11/16	23	12/10	11	12/10	11	287	247	222	212	189		
EMMITSBURG 2 SE	95	7/26	-12	1/17	4/7	15	4/8	20	4/12	24	4/24	28	4/24	28	10/18	25	10/18	25	10/28	23	11/7	20	12/10	11	247	213	199	177	177		
FREDRICK POLICE BRKS					2/7	12	3/28	19	3/28	19	3/29	27	3/30	31	10/18	31	11/7	24	11/7	24	12/10	16	12/10	16	306	257	224	223	202		
PARKTON 2 SW	93	7/19	-12	1/17	4/7	15	4/8	18	4/8	18	4/23	26	4/23	26	10/17	31	10/18	28	11/6	22	11/16	19	12/10	12	247	222	212	178	177		
ROCKVILLE 3 NE	94	7/27	-10	1/18	3/1	16	4/9	19	4/9	19	4/14	25	4/19	32	10/18	30	10/29	24	10/29	24	11/14	20	12/10	15	284	219	203	198	182		
TOWSON	100	7/27	0	1/11	2/7	15	4/7	17	4/8	24	4/8	24	4/12	31	10/23	32	11/6	28	12/10	14	12/10	14	12/10	14	306	247	246	212	194		
UNIONVILLE	93	7/18	-9	1/18	3/29	16	4/7	18	4/23	22	4/23	22	5/11	31	10/17	31	10/18	25	10/23	22	11/7	20	11/16	11	232	214	183	178	159		
WESTMINSTER POLICE BRK	96	7/19	-11	1/17	4/7	16	4/8	20	4/8	20	4/10	28	4/12	30	10/18	32	11/16	23	11/16	23	12/10	11	12/10	11	247	246	222	220	189		
WOODSTOCK	94	7/18	-10	1/17	2/26	15	4/7	19	4/8	22	4/12	26	4/23	32	10/17	32	10/18	28	11/7	24	11/16	20	12/10	13	287	223	213	189	177		

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

MARYLAND AND
DELAWARE
1982

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.							
APPALACHIAN MOUNTAIN	07	95	7/17	-13	1/17	2/26	14	4/16	20	4/18	23	4/22	27	4/29	32	10/17	28	10/17	28	10/22	24	11/15	17	12/9	14	286	223	197	178	171
CUMBERLAND 2		86	7/18	-20	1/18	4/9	12	4/11	20	4/24	24	4/30	28	4/30	28	10/17	31	10/18	28	10/23	24	11/16	20	12/10	13	245	219	182	171	170
FROSTBURG 2		94	7/26	-12	1/17	3/28	16	4/18	20	4/10	24	4/10	24	4/12	30	10/18	28	10/18	28	11/16	20	11/16	20	12/10	13	257	222	220	191	189
HAGERSTOWN		94	7/18	-11	1/17	3/29	15	3/29	15	4/23	24	4/29	26	4/30	30	10/17	32	10/18	25	10/23	22	11/7	20	11/17	15	233	223	183	172	170
HANCOCK FRUIT LAB																														
ALLEGHENY PLATEAU	08	86	7/18	-24	1/17	4/9	15	4/12	20	4/12	20	4/29	28	4/29	28	10/17	29	10/18	28	11/6	23	11/14	20	12/10	14	245	216	208	172	171
MC HENRY 2 NW		87	7/18	-21	1/17	4/12	16	4/12	16	4/29	24	5/4	27	5/10	29	8/29	32	10/18	23	10/18	23	10/23	18	11/16	12	218	194	172	167	111
OAKLAND 1 SE		89	7/19	-19	1/18	3/28	14	4/18	18	4/12	24	4/23	25	4/30	32	10/18	27	10/18	27	10/23	23	11/16	16	11/16	16	233	222	194	178	171
SAVAGE RIVER DAM																														
DELAWARE																														
NORTHERN	01	93	7/19	-14	1/18	2/26	16	4/7	20	4/7	20	4/18	25	4/15	32	10/18	26	10/18	26	11/7	24	12/10	13	12/10	13	287	247	214	193	186
MIDDLETOWN 1 HSW		95	7/18	-7	1/18	4/17	14	4/17	14	4/18	23	4/12	28	4/15	32	10/18	28	10/18	28	11/16	23	11/28	20	12/10	14	247	235	222	189	186
NEWARK UNIVERSITY FARM		95	7/19	-10	1/17	2/26	15	4/7	18	4/18	24	4/10	28	4/12	32	10/18	28	10/18	28	11/16	21	11/28	19	12/9	15	286	235	222	191	189
WILMINGTON HSO AP		94	7/19	-9	1/17	2/17	16	4/7	19	4/7	19	4/18	25	4/10	32	10/18	30	11/15	28	12/9	18	12/9	18	12/10	15	306	246	246	221	191
WILMINGTON PORTER RESVR																														
SOUTHERN	02	95	7/26	-7	1/18	2/26	15	2/26	15	4/7	22	4/18	25	4/15	32	10/18	26	10/18	26	11/7	24	12/10	15	12/10	15	287	287	214	193	186
BRIDGEVILLE 1 NW		95	7/19	-2	1/17	1/30	15	4/7	17	4/7	17	4/18	25	4/11	31	10/18	30	10/23	28	11/28	24	12/10	18	12/13	13	317	247	235	198	190
DOVER		98	8/17	-5	1/17	2/26	13	3/29	20	4/7	22	4/12	27	4/29	32	10/18	26	10/18	26	11/25	24	12/10	17	12/11	15	288	256	232	189	172
GEORGETOWN 5 SW		95	7/20	-11	1/17	1/28	14	4/7	18	4/7	18	4/18	25	4/10	32	11/6	32	11/28	26	12/13	21	12/14	12	12/14	12	320	251	250	234	210
LEWES																														
MILFORD 2 HSW		95	7/26	-7	1/18	2/26	13	3/1	20	4/7	21	4/18	25	4/23	31	10/18	27	10/18	27	11/25	24	12/10	16	12/10	16	287	284	232	193	178

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE STATE PARK	0	-	-	-	-	-	339	282	143	39	3	B 0	-	1541
CRISFIELD SOMERS COVE	0	0	0	4	113	221	429	326	165	43	-	-	-	
PRINCESS ANNE	0	0	0	4	79	173	354	231	111	30	B 13	3	B 998	
SALISBURY	0	0	0	3	83	194	394	280	129	42	B 16	B 1	B 1142	1220
SALISBURY FAA AP	0	0	0	7	104	197	397	269	114	28	13	2	1131	
SNOW HILL 4 N	0	0	0	0	81	168	344	247	99	25	12	2	978	1081
CENTRAL EASTERN														
SHORE 02														
CAMBRIDGE WTR TRMT PL	0	0	0	3	112	-	424	315	170	49	10	2	-	
DENTON 2 E	0	0	0	3	81	168	355	224	89	30	16	0	966	1193
ROYAL OAK 2 SSW	B 0	0	0	4	107	211	401	275	127	45	13	0	B 1183	
VIENNA	0	0	0	5	125	223	435	278	133	47	17	B 0	B 1263	
LOWER SOUTHERN														
LA PLATA 1 W 03	0	0	0	8	98	159	336	234	113	29	9	2	988	1138
MECHANICSVILLE 1 SE	0	0	0	2	49	190	B 409	-	106	11	3	B 0	-	
OWINGS FERRY LANDING	0	0	0	11	102	164	397	214	115	21	10	0	1034	1153
PATUXENT RIVER	0	0	0	8	95	220	450	314	164	40	12	2	1305	
SOLOMONS	0	0	B 0	0	79	B 202	399	314	178	-	B 13	-	-	1455
UPPER SOUTHERN														
ANNAPOLIS POLICE BRKS 04	-	0	0	0	122	216	422	307	168	37	1	0	-	1155
BALTIMORE WSO AP	R 0	0	0	4	99	160	381	259	119	26	4	1	1053	1108
BELTSVILLE	0	0	0	1	93	160	346	216	102	23	8	1	950	
COLLEGE PARK	0	0	0	6	117	201	412	278	140	40	13	3	1210	1161
DALECARLIA RESVR D C	0	0	0	6	130	B 192	398	258	120	29	2	B 2	B 1137	
GLENN DALE BELL STN	0	0	0	5	80	145	300	203	87	24	6	0	850	1022
LAUREL 3 W	0	-	-	5	135	146	390	266	93	32	14	0	-	
NATIONAL ARBORETUM D C	0	0	0	0	112	197	396	240	123	31	10	2	1111	
UPPER MARLBORO 3 NNW	0	0	0	0	98	166	334	213	80	17	16	2	926	
NORTHERN EASTERN														
SHORE 05														
CENTREVILLE	0	0	0	5	85	188	385	247	107	35	14	B 0	B 1066	
CHESTERTOWN	0	0	0	5	90	183	378	256	109	38	13	0	1072	1188
HILLINGTON 2 WNW	0	-	0	5	79	158	352	244	93	B 43	13	-	-	1067
NORTHERN CENTRAL														
ABERDEEN PHILLIPS FLD 06	0	0	0	3	85	162	380	247	121	29	5	1	1033	
BALTIMORE WSO CI	R 0	0	0	8	166	259	502	346	192	55	16	1	1545	1491
BENSON POLICE BARRACKS	0	0	0	4	103	178	364	215	96	28	4	0	992	
BOYDS 2 NW	0	0	0	5	96	132	296	180	84	20	3	0	816	
CATOCTIN MOUNTAIN PARK	0	0	0	1	70	74	233	134	60	11	6	0	589	
CLARKSVILLE 3 NNE	0	0	0	3	80	146	335	201	94	21	1	B 0	B 881	
CONOWINGO DAM	0	0	0	1	81	128	359	222	97	19	-	0	-	908
DAMASCUS 2 SW	0	0	0	4	83	116	300	189	89	22	8	0	811	
EMMITSBURG 2 SE	0	0	0	0	64	102	315	171	85	18	2	1	758	
FREDRICK POLICE BRKS	0	0	0	-	130	185	-	260	122	34	11	0	-	
PARKTON 2 SW	0	0	0	3	47	82	257	137	56	9	4	0	595	
ROCKVILLE 3 NE	0	0	0	6	76	119	261	165	46	17	B 0	B 0	B 690	
TOWSON	0	0	0	3	101	203	438	296	126	31	3	0	1201	
UNIONVILLE	0	0	0	6	80	119	289	161	70	13	1	0	739	784
WESTMINSTER POLICE BRK	0	0	0	3	96	151	350	212	109	25	8	0	954	
WOODSTOCK	0	0	0	4	85	146	336	218	91	24	8	0	912	885

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

MARYLAND AND
DELAWARE
1982

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	0	0	0	136	130	301	197	111	31	7	0	913	
FROSTBURG 2	0	0	0	0	21	34	125	64	37	1	1	0	283	
HAGERSTOWN	0	0	0	5	126	151	340	212	110	25	11	1	981	
HANCOCK FRUIT LAB	0	0	0	1	72	93	261	128	63	17	1	0	636	
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	0	0	0	0	36	28	136	56	31	1	0	0	288	
OAKLAND 1 SE	0	0	0	1	31	33	157	61	26	2	0	0	311	279
SAVAGE RIVER DAM	B 0	0	0	0	46	42	156	84	45	4	0	0	B 377	
DELAWARE														
NORTHERN 01														
MIDDLETOWN 1 WSW	0	0	0	2	75	149	347	237	103	31	12	1	957	
NEWARK UNIVERSITY FARM	0	0	0	1	71	149	356	233	B 120	24	B 4	B 0	B 958	954
WILMINGTON WSO AP	R 0	0	0	2	75	163	391	238	107	32	1	0	1009	992
WILMGTN PORTER RESVR	0	0	0	3	87	207	386	210	96	16	2	0	1007	914
SOUTHERN 02														
BRIDGEVILLE 1 NW	0	0	0	3	75	183	374	226	91	29	14	0	995	1053
DOVER	0	0	0	5	70	168	394	286	135	37	20	2	1117	1166
GEORGETOWN 5 SW	0	0	0	2	66	168	326	218	81	27	11	4	903	
LEWES	0 B	0	0	7	45	170	397	293	116	29	22	7	B 1086	
MILFORD 2 WSW	0	0	0	4	52	175	397	258	106	32	22	3	1049	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL EVAPORATION AND WIND MOVEMENT

MARYLAND AND
DELAWARE
1982

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MARYLAND														
UPPER SOUTHERN 04 BELTSVILLE	WIND	-	-	-	B 2300	B 737	B 975	599	597	642	1270	-	-	-
	EVAP	-	-	-	B 5.46	B 5.47	B 6.75	6.39	B 5.94	4.30	B 3.76	-	-	-
	MAX TEMP	-	-	-	M 68.2	M 83.4	M 85.5	94.0	89.7	81.9	69.4	-	-	M -
	MIN TEMP	-	-	-	M 43.0	M 57.5	M 63.9	69.8	64.6	59.4	48.3	-	-	M -
UPPER MARLBORO 3 NNW	WIND	-	-	-	B 1384	437	B 378	330	295	284	665	687	-	-
	EVAP	-	-	-	B 5.55	B 6.18	6.11	B 6.96	5.93	4.51	3.41	2.41	-	-
	MAX TEMP	-	-	-	66.3	81.5	84.6	92.2	87.5	79.7	66.9	56.8	-	M -
	MIN TEMP	-	-	-	41.7	57.3	63.3	68.6	64.5	59.0	47.8	41.4	-	M -
ALLEGHENY PLATEAU 08 SAVAGE RIVER DAM														
	WIND	-	-	-	B 2015	1130	1058	899	932	B 839	895	-	-	-
	EVAP	-	-	-	B 5.18	B 6.41	B 4.49	6.15	B 4.85	B 3.18	B 3.19	-	-	-
	MAX TEMP	-	-	-	M 63.8	77.3	78.1	M 85.8	81.9	72.8	58.9	-	-	M -
	MIN TEMP	-	-	-	M 37.5	52.4	56.8	62.3	57.8	54.7	44.5	-	-	M -
DELAWARE														
NORTHERN 01 NEWARK UNIVERSITY FARM														
	WIND	-	-	-	B 1949	1226	976	438	507	687	777	994	-	-
	EVAP	-	-	-	-	B 5.43	B 5.39	6.09	B 5.61	3.61	B 3.30	-	-	-
	MAX TEMP	-	-	-	M 65.5	80.2	85.5	95.4	89.4	M 81.8	M 63.4	M 50.7	-	M -
	MIN TEMP	-	-	-	M 45.5	59.7	66.8	69.4	64.5	M 59.2	M 46.3	M 39.0	-	M -
SOUTHERN 02 GEORGETOWN 5 SW														
	WIND	-	-	-	B 3445	2094	2143	1646	1528	1630	2048	-	-	-
	EVAP	-	-	-	B 5.84	B 6.81	6.74	B 8.48	6.37	4.99	3.80	-	-	-
	MAX TEMP	-	-	-	62.5	74.3	77.8	88.6	84.5	80.5	-	-	-	M -
	MIN TEMP	-	-	-	42.8	56.3	62.5	69.0	64.2	59.1	M -	M -	-	M -

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STATION INDEX

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1982												
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	0015	06	HARFORD	39 28	76 10W	57	56	56	0			C H
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	23	23	0			H H
ASSATEAGUE STATE PARK	0335	01	WORCESTER	38 14	75 8W	7	14	14	0			H H
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	39 11	76 40W	196	47	47	0			C H
BALTIMORE WSO CI	0470	06	BALTO CITY	39 17	76 37W	91	11	11	0			C H
BELTSVILLE	0700	04	PRN GEORGES	39 2	76 53W	120	44	44	4			
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	34	34	0			
BOYDS 2 NW	1032	06	MONTGOMERY	39 13	77 20W	580	29	29	0			
BRIGHTON DAM	1125	06	MONTGOMERY	39 12	77 1W	330	0	36	0			
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	38 34	76 4W	5	87	87	0			
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	15	15	0			C H
CENTREVILLE	1627	05	QUEEN ANNES	39 3	76 4W	60	30	30	0			
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	76	76	0			
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	365	15	15	0			
COLLEGE PARK	1995	04	PRN GEORGES	38 59	76 57W	90	95	95	0			C H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	46	46	0			
CRISFIELD SOMERS COVE	2215	01	SOMERSET	37 59	75 52W	8	19	19	0			
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	700	9	9	0			H
DALECARLIA RESVR D C	2325	04		38 56	77 7W	146	36	36	0			
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	720	9	9	0			H H
DENTON 2 E	2523	02	CAROLINE	38 53	75 48W	50	31	31	0			
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905	0	43	0			
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	26	26	0			H H
FREDRICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	9	9	0			H H
FREDRICK 3 E	3355	06	FREDERICK	39 24	77 22W	385	0	33	0			
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	10	10	0			H
GLENN DALE BELL STN	3675	04	PRN GEORGES	38 58	76 48W	150	61	61	0			H
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	40	40	0			
HANCOCK FRUIT LAB	4030	07	WASHINGTON	39 42	78 11W	428	48	48	0			C H
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	67	67	0			H H
LAUREL 3 W	5111	04	PRN GEORGES	39 6	76 54W	400	91	91	0			
MC HENRY 2 NW	5832	08	GARRETT	39 35	79 22W	2680	11	11	0			C H
MECHANICSVILLE 1 SE	5865	03	ST MARYS	38 26	76 43W	160	20	20	0			
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	0	30	0			
MILLINGTON 2 WNW	5985	05	KENT	39 16	75 52W	30	85	85	0			H
NATIONAL ARBORETUM D C	6350	04		38 54	76 59W	50	35	35	0			H H
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	84	84	0			H H
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	65	65	0			C H
PARKTON 2 SW	6844	06	BALTIMORE	39 38	76 42W	600	29	29	0			
PATUXENT RIVER	6915	03	ST MARY'S	38 20	76 25W	38	6	6	0			
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270	0	20	0			
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	33	33	0			H H
ROCKVILLE 3 NE	7705	06	MONTGOMERY	39 7	77 6W	400	34	34	0			H H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	34	34	0			
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	75	75	0			
SALISBURY FAA AP	8005	01	WICOMICO	38 20	75 31W	48	34	34	0			
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	31	34	31			C H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	28	66	66	0			H H
SOLOMONS	8405	03	CALVERT	38 19	76 27W	12	90	90	0			
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	44	69	0			
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	42	40	0			C H
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	38 52	76 47W	98	26	26	2			H H
VIENNA	9140	02	DORCHESTER	38 29	75 50W	12	33	33	0			

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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	3	3	0			
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52 W	460	112	112	0			H
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	38 45	75 37 W	50	91	91	0			H
DOVER	2730	02	KENT	39 9	75 31 W	30	94	93	0			H
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27 W	45	36	36	28			C H
LEWES	5320	02	SUSSEX	38 46	75 8 W	15	38	38	0			H
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	39 26	75 45 W	60	30	30	0			H
MILFORD 2 WSW	5915	02	SUSSEX	38 54	75 28 W	30	86	86	0			H
NEHARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44 W	90	69	69	25			C H
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36 W	79	34	34	0			C H U
WILMGTON PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32 W	274	70	70	0			H

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

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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 - 1941-1970. 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.
- T 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

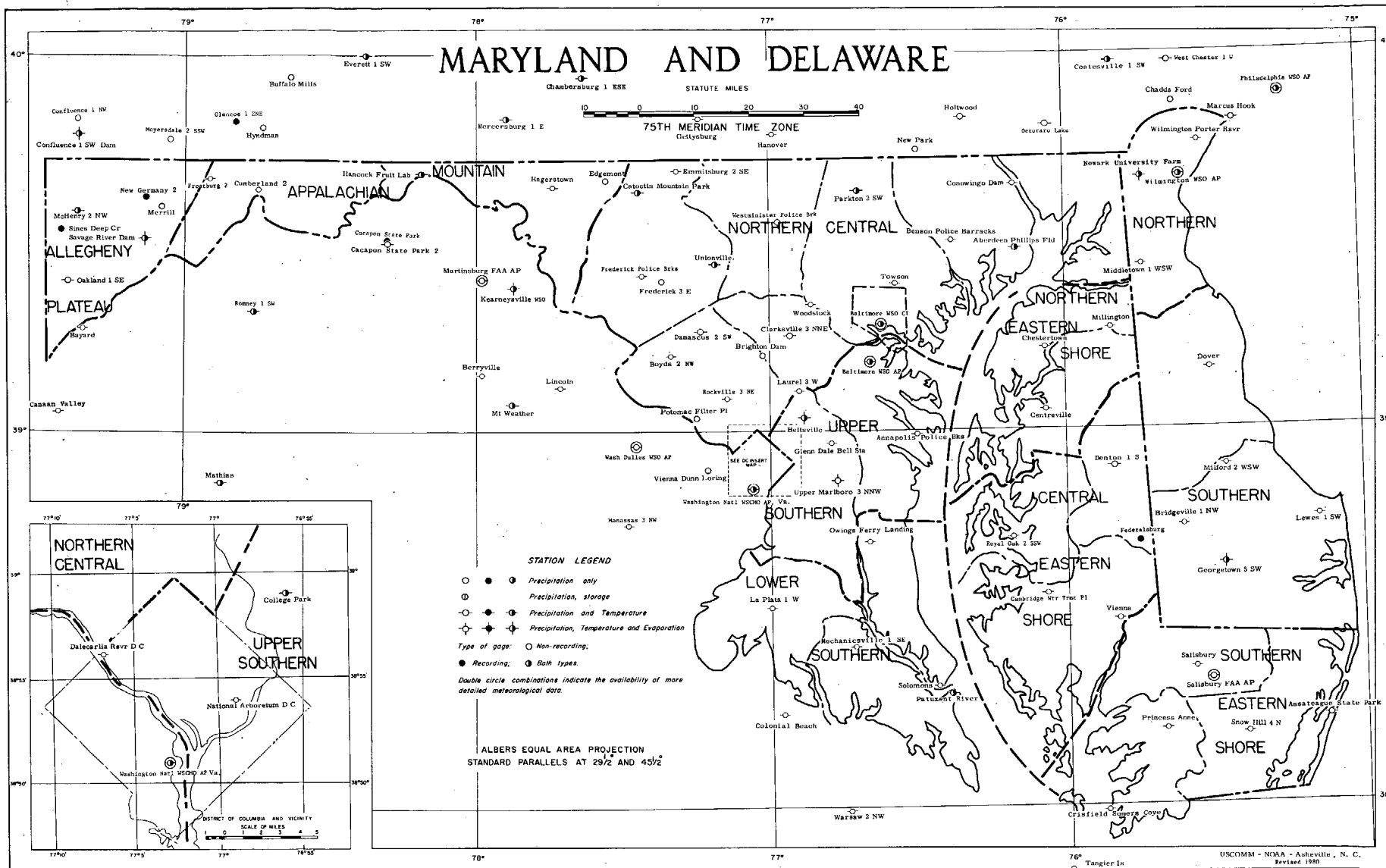
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- J Station also published as a "Local Climatological Data" publication.
- H Observations appear in "Snowfall 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, 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. ATTN: PUBLICATIONS.



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

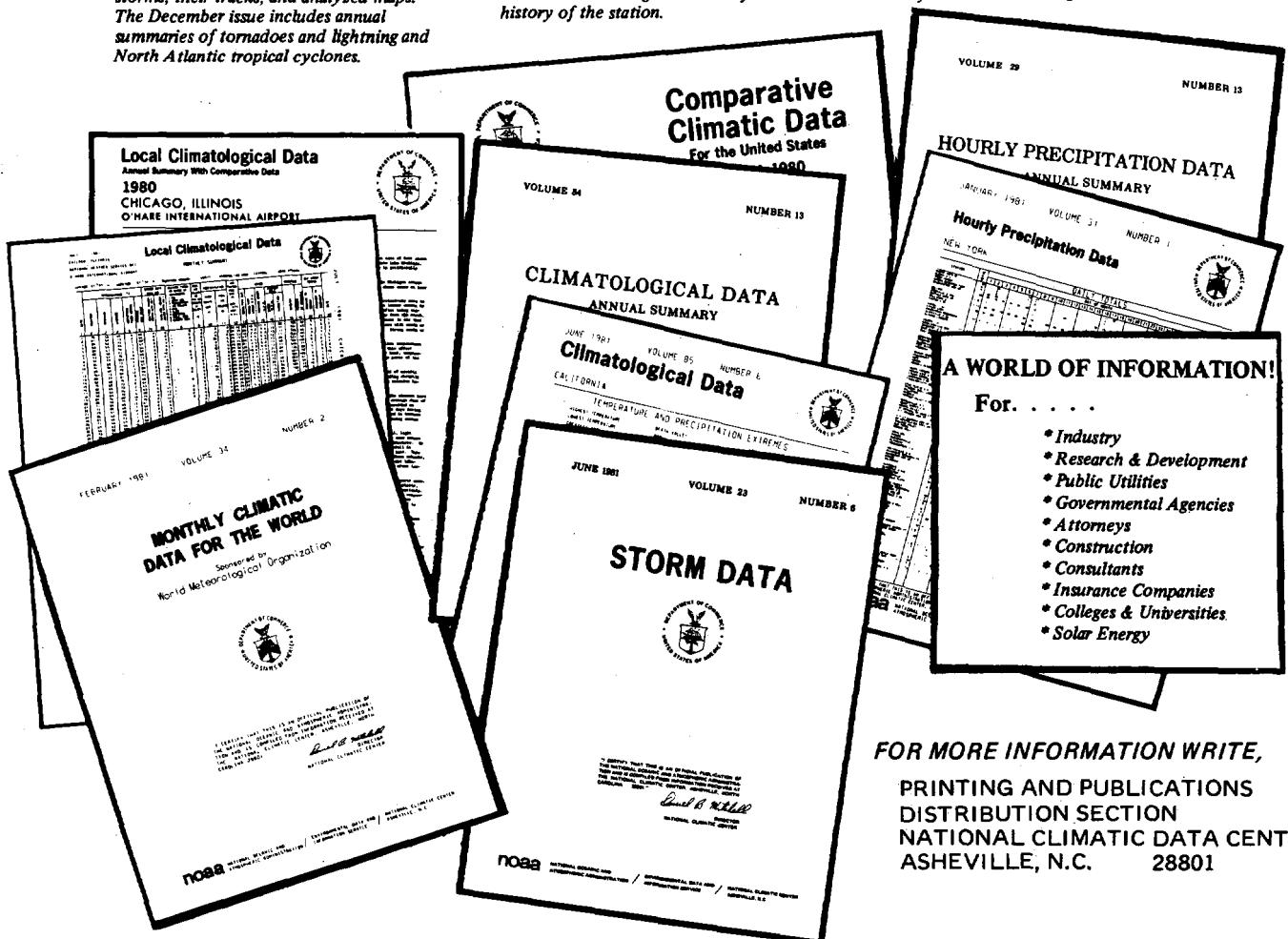
Published monthly for each first-order station. Presents daily maximum and minimum temperatures, degree day data, precipitation, station pressures, wind statistics, sunshine and sky cover data, as well as 3-hourly data for certain parameters. An annual issue is available summarizing monthly data and 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.



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