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CLIMATOLOGICAL DATA

ANNUAL SUMMARY



MARYLAND & DELAWARE

1978

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NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE
1978

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		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																										
* * * SOUTHEASTERN SHORE 01																										
ASSATEAGUE STATE PARK	33.0		28.0		40.5		51.0M		57.3		69.5		73.7		79.2		70.5		59.0		52.6		42.0		54.7M	
CRISFIELD SHERS COVE	35.0M	- 3.0	30.4	- 8.8	43.2M	- 3.2	55.1M	- 2.0	63.7M	- 3.0	74.3	- .6	76.3M	- 3.0	80.4M	- 2.6	72.2M	- .0	59.3M	- 2.9	52.8M	- 1.4	43.2M	- 2.6	57.2M	- 1.6
POCONOKE CITY	34.0		30.4		41.3		55.5M		62.4M		71.7		76.1M		78.6		70.5		58.0M		52.6		42.5M		56.5M	
PRINCESS ANNE	33.7M		27.7		41.3		55.5M		62.5M		71.7		76.1M		78.6		70.5		58.0M		52.6		41.8		55.3M	
SALISBURY	33.7	- 3.8	28.0	- 11.0	42.3	- 3.6	53.0M	- 2.9	61.4	- 3.9	71.4	- 1.8	75.5	- 1.8	78.8	- 3.1	69.0M	- .8	58.3	- 1.3	52.2	- 2.6	42.0M	- 2.7	55.5M	- 1.8
SALISBURY F&A AP	34.0		27.5		42.8		54.9		63.8		74.2		76.9		80.3		68.2		55.5		49.6		39.6		55.6	
SNOW HILL 4 N	33.0	- 3.6	27.4	- 10.7	42.5	- 2.1	54.0	- .8	60.9	- 2.9	71.5	- .5	74.2	- 2.1	77.4	- 2.6	67.4	- 1.5	55.7	- 3.0	50.5	- 2.2	41.1M	- 2.6	54.6M	- 1.7
DIVISION	33.8	- 3.1	28.5	- 9.7	42.4	- 2.6	53.8	- 1.2	61.7	- 2.7	72.2	- .5	75.4	- 1.6	79.2	- 3.6	69.5	- .1	57.5	- 2.0	51.7	- 2.6	41.7	- 2.7	55.6	- 1.2
* * * CENTRAL EASTERN SHORE 02																										
CAMBRIDGE MTR TRMT PL	32.0		29.7		43.6M		56.2M		63.4		73.7		75.9		79.4		70.9		58.6M		50.7		42.2		56.4M	
DENTON 1 S	29.3	- 3.2	27.6M	- 8.9	43.6M	- 2.1	56.2M	- .9	63.4	- 2.5	73.0	- 1.2	75.9	- 3.2	76.9	- 1.5	68.4	- .6	56.8M	- 1.6	49.2	- 1.4	40.1M	- 3.2	54.6M	- 1.5
ROYAL OAK	31.9		27.3		41.7		54.7		62.9		73.1		75.4		78.8		69.6		57.9		50.5		41.6		55.5	
VIENNA	33.1		28.6		43.0		55.8M		62.7		73.7		76.1		79.8		70.0		58.3		51.5		41.8M		55.2M	
DIVISION	32.2	- 3.5	28.3	- 8.6	42.6	- 2.0	55.2	- .0	62.9	- 2.0	73.1	- .0	75.3	- 1.8	78.7	- 3.2	69.7	- .3	57.9	- 1.2	50.5	- 2.0	41.4	- 3.6	55.7	- .8
* * * LOWER SOUTHERN 03																										
LA PLATA 1 W	30.3	- 5.4	28.4	- 8.9	42.3	- 2.7	54.1M	- 1.6	62.2	- 2.5	71.0	- 1.4	74.2	- 2.2	77.3	- 2.5	70.0	- 1.2	57.0	- 1.2	49.4	- 2.0	40.6	- 3.8	54.7M	- 1.4
MECHANICVILLE 1 SE	30.7		28.3		42.8		55.6		62.1M		71.2		72.7		76.7		68.0		55.3		48.4		43.0M		-	
OWINGS FERRY LANDING	28.6M	- 7.3	26.7	- 10.6	40.1	- 4.7	52.2	- 3.7	62.8	- 2.1	72.8	- .0	74.9	- 1.6	77.3	- 2.4	68.8	- .0	55.2M	- 3.3	46.9	- 1.3	-		-	
PATUXENT RIVER	32.0		28.0		42.0		54.2M		62.2		72.1		75.4		79.7		71.3		58.6		51.0		41.8		55.7M	
SOLOMONS	31.1	- 6.2	28.7	- 9.8	41.1	- 4.4	54.9M	- 1.1	62.8	- 3.3	73.1	- 1.3	75.9M	- 2.8	80.0	- 2.3	71.2	- .8	58.5M	- 2.8	50.4	- .2	42.2	- 2.4	55.8M	- 2.4
DIVISION	30.3	- 5.5	28.0	- 9.3	41.7	- 3.3	54.2	- 1.5	62.4	- 2.6	72.0	- .9	74.6	- 2.3	78.6	- 3.4	70.3	- 1.1	57.3	- 1.4	49.6	- 1.4	42.1	- 4.5	55.1	- 1.4
* * * UPPER SOUTHERN 04																										
ANNAPOLIS POLICE BRKS	28.9M	- 5.6	26.9M	- 8.9	42.5	- .7	56.4M	- 2.3	64.1M	- .2	73.8	- 1.3	76.4	- .3	78.9	- 3.8	71.4	- 2.5	57.6	- .6	49.5	- 2.1	40.6	- 3.7	55.6M	- .0
BALTIMORE WSD AP	29.2	- 4.2	27.3	- 7.5	41.7	- 1.1	54.2	- .4	62.4	- 1.3	73.1	- .7	75.9	- .7	78.1	- 3.2	69.7	- 1.2	56.1	- 1.3	48.7	- 2.6	40.2	- 4.9	54.7	- .3
BELTSVILLE	28.9M		25.6M		39.6		52.7M		61.2M		71.2M		73.2		76.7		69.0M		52.8M		47.2		37.4		53.0M	
BELTSVILLE PLANT STA	28.4		26.8		40.2		52.9		62.4		72.4		74.5		78.1		69.8		56.1		48.6		39.7		54.9M	
COLLEGE PARK	29.4	- 5.5	27.7M	- 8.9	41.4	- 3.0	54.4	- .8	62.8	- 2.0	73.6	- .7	75.4	- 1.5	78.8	- 3.6	70.7	- 2.0	56.1	- 1.8	48.6	- 1.7	39.7	- 3.2	54.9M	- 1.0
DALEGANITA RESVR D C	30.4M		27.0		41.5		54.0		64.1M		72.7		76.1		78.9		70.0		55.7		49.1M		40.5M		-	
GLENN DALE BELL STA	29.3	- 4.8	27.0	- 8.8	41.5	- 2.0	53.6	- .7	61.6	- 2.2	70.5	- 1.3	72.6	- 3.2	76.1	- 2.0	68.0	- .2	55.5	- 1.5	48.4	- 2.2	39.0	- 3.5	53.6M	- 1.4
LAUREL 3 W	27.8M		26.8		40.6M		54.0M		62.3		72.3		74.7		78.1		69.3		55.0		48.7		38.4		54.1M	
NATIONAL ARBORETUM D C	29.4		28.1		41.3		54.8		62.9		73.3		75.7M		78.6M		70.4		55.8		49.2		39.9		55.0M	
UPPER MARLBOROUGH 3 NW	28.3		26.2		40.1		52.8		61.3		71.4		73.8		77.3		68.4		53.5		47.3		38.2		55.2	
DIVISION	29.0	- 5.1	26.9	- 8.8	41.0	- 2.5	54.0	- .4	62.5	- 1.5	72.4	- .2	74.8	- 1.6	78.0	- 3.2	69.7	- 1.4	55.4	- 2.3	48.5	- 1.9	39.3	- 3.2	54.3	- 1.0
* * * NORTHERN EASTERN SHORE 05																										
CENTREVILLE	29.8		24.8		41.1M		53.8		62.2		71.3		73.0M		74.9		66.4		54.3M		-		-		-	
CHESTERTOWN	29.7	- 4.4	23.4	- 10.2	39.9	- 3.4	52.4	- 1.7	61.7	- 2.5	72.0	- .9	73.9	- 3.4	77.4	- 1.8	67.7	- 1.7	55.3	- 3.5	47.4	- .1	39.2M	- 2.7	53.5M	- 2.3
HILLINGTON	29.6	- 4.2	23.4	- 12.1	39.4	- 4.0	52.4M	- 1.5	61.7	- 1.9	72.0	- .0	74.0	- 2.2	76.6	- 2.1	68.8	- 1.6	54.5	- 3.4	46.4	- .3	37.3M	- 1.4	52.9M	- 2.3
DIVISION	29.7	- 4.5	24.5	- 11.3	40.1	- 3.2	52.9	- 1.4	61.9	- 2.1	71.8	- .9	73.6	- 3.4	76.3	- 1.1	67.0	- 2.2	54.7	- 4.0	47.0	- .6	38.3	- 1.8	53.2	- 2.5
* * * NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FLD	29.5		25.9		41.3		54.4		61.9		72.2		75.4		77.4		68.9		56.0		48.3		39.3		54.2	
BALTIMORE WSD CI	32.4	- 3.7	31.2	- 6.2	44.5	- .6	57.6	- 1.2	65.7	- .6	77.1	- 2.0	79.3	- .1	79.9	- 2.3	71.3	- 2.8	58.3	- 2.4	50.4	- 1.2	42.3	- 3.8	57.5	- .2
BENSON POLICE BARRACKS	28.4		26.3		40.9		54.2		63.0		72.6		75.1		77.9		69.6		55.8		47.5		38.0		54.1	
BOYD 2 NW	26.8		25.2		40.0		53.5		61.3		71.0		72.9		76.1		68.7		55.5		48.1		38.8M		53.2M	
CATCOTIN MOUNTAIN PARK	22.7		21.5		39.0		49.1		58.7		67.2		69.3		72.2M		65.0		52.3		45.0		34.8		49.4M	
CLARKSVILLE 3 NNE	26.3		23.3		39.1		51.5		60.3		70.4		72.9		75.6		67.4		53.1		46.2		37.4		52.0	
CONOWINGO DAM	28.7M	- 4.2	27.8		38.6		52.2		60.6		70.0M	- .8	73.3	- 1.9	75.8	- 2.4	66.1M	- .8	52.5	- 3.6	44.2	- .1	34.4	- 1.2	-	
DAMASCUS 2 SW	25.8		24.4		38.5		50.4		59.5		68.4		72.4		75.0		67.9		54.4		47.0		36.9		50.8M	
EMMITSBURG 2 SE	24.5		21.9		37.3		50.6		59.5M		68.4		71.7		75.0M		66.8		52.7		44.4		36.9		50.8M	
FREDRICK POLICE BRKS	27.4		26.0		40.7		55.3		63.2		72.0M		74.8		78.3		70.4		56.0		47.4		39.3		54.3M	
PARKTON 2 SW	25.3		22.8		36.8		49.8		59.3		67.7		70.1		74.1		64.6		51.8M		44.9		35.3		50.1M	
ROCKVILLE 3 NE	27.3		25.8		41.3M		54.4M		62.0		71.5		73.2M		74.5		66.9		53.7		46.0		37.8		52.9M	
TOWSON	28.4		26.5M		41.2M		53.2M		62.3		71.9		74.6		76.6		69.7M		56.2		48.9		40.4M		54.2M	
UNIONVILLE	25.5	- 9.0	21.8	- 10.7	37.6	- 3.0	51.1	- .3	59.6	- 1.6	69.1	- .7	71.9	- 2.0	74.8	- 2.8	66.1	- .9	52.1	- 2.5	44.8	- 1.4	36.2	- 3.6	54.9	- 1.4
WESTMINSTER 2 SSE	25.1	- 6.3	23.2	- 9.8	-		51.1	- 1.4	59.6	- 2.4	69.7	- .7	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOODSTOCK	26.9	- 5.4	24.5	- 9.5	39.6	- 2.3	52.5	- .5	61.4	- 1.4	71.0	- .3	73.5	- 1.3	76.5	- 3.4	68.2	- 1.9	54.2M	- 1.4	46.7	- 2.2	37.8	- 3.7	52.7M	- .9
DIVISION	26.8	- 5.7	24.7	- 9.3	39.6	- 2.5	52.7	- .5	61.2	- 1.7	70.8	- .3	73.4	- 1.8	76.0	- 2.5	67.8	- .7	54.3	- 2.1	46.7	- 1.5	37.8	- 3.4	52.7	- 1.3
* * * APPALACHIAN MOUNTAIN 07																										
CUMBERLAND 2	24.7		25.1		39.7		53.7		62.3		71.7		73.9		76.9		69.8		53.4		46.9		37.8		53.0	
FROSTBURG 2	19.6		18.4		31.3		45.3		54.3		64.1		68.8		70.0		62.7		48.0		42.5		31.7		46.2	
HAGERSTOWN	25.1		23.7		38.5		51.4		61.3		71.0		73.0		75.5		68.6		54.0							

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE
1978

Station	January		February		March		April		May		June		July		August		September		October		November		December		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
DELAWARE																										
* * * NORTHERN 01																										
MIDDLETOWN 1 WSW	28.9		23.3		40.0		52.6		61.7		72.0		73.5		76.5		67.1M		56.1M		48.3		39.9M		53.3M	
NEWARK UNIVERSITY FARM	28.0M	- 4.2	24.9M	- 9.0	39.5	- 2.2	52.4M	- .8	61.3	- 1.4	71.4		73.9	- 1.6	77.0M	3.5	67.7	- .3	55.2	- 1.5	47.5	2.1	38.6	4.1	59.1M	- .9
WILMINGTON WSD AP	27.2	- 4.8	22.8	- 10.8	37.6	- 4.0	50.3	- 2.0	60.3	- 2.1	70.6		72.4	- 2.4	77.1	3.0	66.7	- 1.2	54.1	- 3.1	46.8	1.1	37.2	2.5	52.0	- 2.1
WILMINGTON PORTER RESVP	26.8	- 5.0	23.3	- 9.9	37.9	- 3.2	50.7	- 1.1	59.9	- 2.0	70.4		72.8	- 2.2	73.6	2.2	65.6	- 1.6	53.5	- 3.3	46.1	.6	37.0	2.5	51.6	- 2.0
DIVISION	27.7	- 4.6	23.6	- 10.2	38.8	- 3.0	51.5	- 1.0	60.8	- 1.8	71.1		73.4	- 2.3	76.6	2.7	66.8	- .9	54.7	- 2.4	47.2	1.4	38.2	3.3	52.5	- 1.6
* * * SOUTHERN 02																										
BRIDGEVILLE 1 NW	32.2	- 2.8	25.6	- 10.9	41.5	- 2.1	53.9	.1	62.1	- 1.6	72.4	.2	74.7	- 1.4	77.8	3.6	67.8	- .4	56.7	- 1.2	50.4	3.0	40.4	3.5	54.6	- .9
DOVER	31.8	- 3.3	26.6	- 10.2	42.5	- 1.6	54.6	.1	62.8	- 1.6	73.2	.3	76.0	- 1.0	78.0	2.8			58.1	- .9	50.3	2.1	41.3	4.2		
GEORGETOWN 3 SW	30.8		24.6		40.0		52.2		60.3		71.0		73.7		77.4		67.3		55.1		49.6		39.4		53.4	
LEWES 1 SW	32.2		25.6		40.5		52.1		59.3		70.9		75.1		77.3		68.0		56.5		50.2		40.6		53.9	
MILFORD 2 WSW	31.9		25.2		41.4		54.5		62.4		73.0		75.6		78.3		68.8		57.4		50.3		41.0		55.0	
DIVISION	31.8	- 3.6	25.5	- 11.2	41.2	- 2.6	53.5	- .4	61.4	- 2.2	72.1	.0	74.6	- 1.7	77.8	3.2	68.0	- .6	56.8	- 1.5	50.2	2.3	40.6	3.3	54.5	- 1.2

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

MARYLAND AND DELAWARE
1973

STATION		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
		PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
MARYLAND																											
* * * SOUTHERN EASTERN SHORE																											
ASSATEAGUE STATE PARK	01	6.70	2.97	1.94	1.60	6.03	1.59	3.33	.70	6.88	.28	1.71	.91	3.78	.47	2.10	2.82	1.46	2.60	2.10	2.19	4.40	3.12	3.62	.32	44.05	2.96
CRISFIELD SHIPERS COVE		6.04		1.35		5.11		4.11		4.61		4.03		4.43		3.67		1.37		1.28		5.33		3.64		49.33	
POCOMOK CITY		7.71		1.52		3.90		3.70		4.70		1.06		4.57		7.79		1.39		1.36		4.74		3.73		43.13	
PRINCESS ANNE		4.49		.68		6.07	1.95	4.61	1.42	6.40	3.22	2.10	1.35	4.96	1.07	4.88	.63	1.24	2.46	2.07	1.12	4.23	1.16	4.18	.69	49.65	6.26
SALISBURY		7.47	4.34	1.22	2.03	6.07	1.95	4.61	1.42	6.40	3.22	2.10	1.35	4.96	1.07	4.88	.63	1.24	2.46	2.07	1.12	4.23	1.16	4.18	.69	49.65	6.26
SALISBURY FAA AP		7.53		1.11		5.66		4.11		6.96		2.30		5.29		6.74		.50		3.06		3.49		4.33		51.08	
SNOW HILL 4 N		6.32	2.79	1.07	2.55	5.56	.87	4.66	1.31	5.48	2.05	2.20	1.65	4.48	.11	4.93	.08	1.00	2.82	1.39	2.26	4.30	.74	4.22	.52	45.61	1.03
DIVISION																											
		6.71	3.51	1.27	1.93	5.41	1.30	3.86	.73	5.52	2.32	2.25	1.16	5.03	.88	5.35	.40	1.11	2.59	1.74	1.52	4.68	1.47	3.79	.37	46.72	3.77
* * * CENTRAL EASTERN SHORE																											
CAMBRIDGE MTR TRMT PL	02	7.97	4.46	.73	2.16	6.09	2.16	3.14	.19	5.40	1.82	2.93	.48	5.51	.77	6.16	1.26	.92	2.38	1.01	1.96	3.02	.67	4.53	1.03	47.01	3.66
DENTON 1 S		6.44	3.29	1.28	1.38	6.53	2.71	1.66	1.58	5.60	1.95	2.81	.77	8.05	3.34	4.95	.31	.73	2.76	1.90	1.03	3.03	.55	3.30	.09	46.34	3.45
RYVAL DAK		7.48		1.09		7.62		2.16		4.90		3.60		4.79		4.02		1.81		1.28		3.13		4.43		48.51	
VIENNA		7.41		1.29		6.48		3.92		5.48		2.43		4.16		5.20		.52		1.22		2.92		3.85		44.89	
DIVISION																											
		7.28	4.15	1.10	1.72	6.68	2.55	2.72	.54	5.85	2.26	2.94	.54	5.63	.90	5.08	.31	1.00	2.41	1.36	1.53	3.03	.48	4.04	.58	46.71	3.92
* * * LOWER SOUTHERN																											
* * * UPPER SOUTHERN																											
LA PLATA 1 W		9.06	5.98	.52	2.20	5.08	1.52	2.78	.32	6.29	2.84	3.40	.21	3.25	1.22	5.36	.83	.47	3.00	1.15	2.00	2.60	.50	3.97	.58	43.91	2.27
MECHANICSVILLE 1 SE		8.29		.53		6.29		3.44		6.86		5.26		4.59		5.00		.61		.73		3.55		4.70		50.10	
OWINGS PERRY LANDING		8.09	5.21	.54	2.01	3.63	.14	2.08	1.10	8.55	4.85	2.49	1.08	4.59	.60	3.65	.86	.38	3.21	1.08	1.97	4.00	.79	5.52	2.22	44.06	3.58
PATUXENT RIVER		4.17		1.01		6.65		2.98		5.28		2.96		5.62		2.90		.05		2.72		2.72		4.07		41.15	
SOLDHORN		7.32	4.20	.70	2.08	7.23	3.62	3.42	.29	5.45	2.05	3.65	.32	6.57	1.37	4.72	.41	.13	3.11	.90	1.85	3.01	.34	4.26	.98	47.36	5.77
DIVISION																											
		7.79	4.78	.66	2.05	5.78	2.16	2.94	.20	6.49	3.03	3.55	.03	4.92	.34	4.33	.26	.34	3.12	.96	2.11	3.19	.10	4.50	1.14	45.45	3.64
* * * UPPER SOUTHERN																											
ANNAPOLIS POLICE BRKS		8.35	5.57	.49	2.17	4.55	.98	1.57	1.56	6.39	2.87	2.54	.96	4.94	1.06	4.46	.41	1.86	1.22	.92	1.55	2.14	.89	5.40	2.08	43.61	4.58
BALTIMORE WSO AP		7.94	4.43	.50	2.25	4.74	1.05	1.26	1.81	5.49	1.88	2.81	.96	6.83	2.76	3.39	.82	1.03	2.09	.73	2.10	2.70	.43	4.63	1.37	41.49	1.03
BELTSVILLE		7.96		.55		4.18		1.15		7.36		1.98		4.03		6.05		1.36		.90		2.80		4.02		42.84	
BELTSVILLE PLANT STA S		7.41		.43		4.23		1.11		7.22		2.06		4.63		6.46		1.42		-		-		-		-	
COLLEGE PARK		7.98	5.25	.53	2.02	4.20	.59	1.14	1.95	7.70	3.82	2.45	1.53	4.95	.93	8.50	3.49	.66	2.70	.90	1.97	2.76	.47	4.12	.86	45.92	4.28
DALECARLIA RESVR D C		6.95		.68		4.32		1.47		5.63		3.51		4.21		5.62		.92		1.07		2.42		3.88		40.04	
GLENN DALE BELL STA		7.43	5.01	.71	2.01	4.38	.66	1.77	1.42	6.23	4.26	2.67	1.42	4.97	.47	4.22	.64	1.04	1.28	1.58	1.46	2.68	.62	4.74	1.49	45.72	3.03
LAUREL 3 W		7.48		.71		4.50		1.07		6.32		1.69		5.58		4.23		1.33		1.23		2.80		4.65		43.71	
NATIONAL ARBRETUM D C		7.48		.33		6.15		1.38		6.67		2.61		4.70		3.33		.97		1.29		2.74		3.83		41.36	
UPPER MARLBOROUGH 3 NW		8.48		.54		4.47		1.56		8.13		3.86		5.14		7.77		1.03		1.12		2.44		4.35		48.79	
DIVISION																											
		7.75	4.96	.54	2.06	4.37	.77	1.35	1.74	7.11	3.40	2.64	1.21	4.95	.86	5.65	.93	1.27	2.02	1.06	1.76	2.61	.55	4.41	1.19	43.73	2.77
* * * NORTHERN EASTERN SHORE																											
CENTREVILLE		7.49		1.56		5.89		1.35		4.93		3.54		6.01		3.13		2.26		1.33		2.40		1.09		-	
CHESTERTOWN		7.12	3.98	1.33	1.52	5.27	1.41	1.51	1.64	5.61	1.72	1.53	2.27	5.66	1.44	5.32	1.33	1.03	2.30	1.18	1.55	2.40	1.09	5.23	1.61	43.37	1.13
MILLINGTON		6.23	3.16	1.73	.97	5.33	1.68	2.03	1.03	5.04	1.50	2.58	.59	5.10	1.22	5.05	.89	1.63	1.53	1.42	1.17	2.51	.93	4.99	1.68	43.64	3.86
DIVISION																											
		6.98	3.91	1.54	1.21	5.50	1.77	1.63	1.49	5.19	1.45	2.55	1.00	5.59	1.50	4.37	.41	1.63	1.74	1.31	1.32	2.46	.97	5.11	1.69	44.06	2.99
* * * NORTHERN CENTRAL																											
* * * UPPER SOUTHERN																											
ABERDEEN PHILLIPS FLD		6.91		.66		4.95		1.41		7.36		1.74		5.10		9.48		3.49		.94		2.93		5.41		50.38	
BALTIMORE WSO CI		5.12	5.12	.86	2.06	4.75	.95	1.44	1.79	4.56	.93	2.59	1.45	5.36	1.24	6.14	2.15	1.74	1.51	.82	2.04	3.14	.07	5.97	2.53	45.29	3.98
BENSON POLICE BARRACKS		7.90		1.33		6.62		1.80		7.28		3.01		4.74		7.68		1.40		1.34		4.07		8.91		52.68	
BOYDS 2 NW		6.07		.18		3.01		1.39		6.98		3.78		4.44		4.81		1.73		1.15		3.03		4.82		41.37	
BRIGHTON DAM		7.49		.59		4.59		1.14		6.01		2.67		6.66		4.07		1.44		2.27		2.86		4.94		45.73	
CATOCIN MOUNTAIN PARK		7.46		.36		3.44		1.47		8.71		6.32		4.56		3.45		2.80		1.87		3.27		4.31		48.06	
CLARKSVILLE 3 NNE		7.24		.48		4.98		1.41		5.75		3.32		5.09		3.41		1.07		1.87		2.82		4.99		42.43	
CONDOMINO DAM		8.76	5.30	1.42	1.26	5.55	1.64	1.72	1.75	5.48	1.39	1.34	2.61	5.04	.73	5.58	1.38	1.27	2.04	1.94	.92	3.08	.44	6.02	2.42	46.68	3.82
DANASCUK 2 SW		8.02		.70		3.37		1.73		7.76		5.12		4.55		4.78		2.16		1.03		3.38		5.23		47.47	
EMMITSBURG 2 SE		7.97		.97		3.68		2.00		4.94		3.86		4.34		1.85		2.22		1.68		3.77		4.48		46.87	
FREDRICK POLICE BRKS		5.63		1.00		2.81		1.40		6.05		3.24		3.18		2.69		2.10		1.27		2.75		5.83		37.95	
FREDRICK 3 E		4.77		.85		2.82		1.44		6.69		3.65		5.88		3.60		3.79		1.45		3.41		5.36		41.71	
PARKTON 2 SW		5.25		1.41		4.46		1.81		6.83		2.19		4.36		3.74		1.55		1.73		3.14		5.40		42.95	
POCOMOK FILTER PLANT		7.18		.25		3.10		.82		6.44		2.58		4.91		5.60		E 1.25		.90		3.11		E 3.89		E 38.19	
POCOMOK 3 NE		7.76		.25		E 4.24		1.22		6.56		2.87		3.51		5.58		.70		2.82		6.80		E 4.59		E 45.59	
* * * LOWER SOUTHERN																											
DENTON 1 S		8.35	5.37	2.33	.57	5.57	.75	1.79	1.72	7.19	3.36	4.43	.84	6.02	2.06	5.86	1.22	2.05	1.36	2.50	.66	3.94	.34	4.73	1.14	54.76	12.24
EDMONTON 2 S		7.24	4.67	.70	1.63	3.37	.09	1.43	1.85	5.20	1.40	2.83	.86	4.03	.26	2.58	1.22	2.36	.53	1.12	1.50	3.07	.06	5.14	1.94	39.10	.15
EDMONTON 2 S SE		6.73	3.78	.60	2.19			1.43	2.01	4.57	.88	2.79	.86														
EDMONTON 2 S		6.73	4.78	.60	1.74	5.28	1.66	1.43	1.94	5.80	2.67	5.03	1.38	5.34	1.32	6.92	1.06	1.00	2.67	1.96	.97	2.87	.44	5.12	1.85	47.95	6.97
DIVISION																											
		7.45	4.59	.89	1.79	4.41	.71																				

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

MARYLAND AND DELAWARE
1978

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
DELAWARE																										
* * * NORTHERN 01																										
MIDDLETON 1 WSW	6.07		5.59		4.63		1.58		6.17		1.43		3.97		4.55		5.54		1.12		2.33		3.19		38.19	
NEWARK UNIVERSITY FARM	7.81	4.94	1.05	1.57	4.79	1.17	1.58	1.76	6.64	2.96	3.30	.10	5.41	.04	4.41	.48	1.73	1.51	1.40	1.34	2.88	.49	5.41	2.10	40.87	5.73
WILMINGTON WSP AP	8.41	3.54	1.77	.98	5.59	1.85	2.16	1.04	6.94	3.59	3.00	.24	5.53	1.23	5.97	1.99	2.18	1.24	1.48	1.12	2.69	.80	5.50	2.24	51.28	11.03
WILMINGTON PORTER RESVR	8.14	5.15	.84	1.87	6.02	2.21	2.25	1.39	8.23	4.53	4.65	1.13	5.25	.50	6.35	1.88	2.14	1.20	1.89	.93	2.58	1.26	5.69	2.26	44.07	11.08
DIVISION	7.61	4.70	1.06	1.63	5.26	1.59	1.89	1.40	7.00	3.46	3.10	.25	5.09	.77	5.38	1.22	1.65	1.65	1.45	1.32	2.62	.89	5.46	2.11	47.61	6.65
* * * SOUTHERN 02																										
BRIDGEVILLE 1 NW	7.30	4.25	1.02	1.79	6.58	2.66	2.42	.86	6.37	3.05	2.80	.92	5.46	.63	5.50	.64	.90	2.58	1.15	1.82	3.32	.14	4.11	.70	47.19	4.12
DOVER	7.22	4.14	.80	2.07	6.30	2.50	1.83	1.36	5.60	1.89	3.21	.13	6.57	2.58	7.36	2.57	1.00	2.56	1.78	1.28	2.78	.82	4.76	1.34	49.07	6.77
GEORGETOWN 5 SW	6.99		.67		5.97		3.68		6.23		2.05		6.18		8.83		.80		.84		6.03		4.47		68.31	
LEWES 1 SW	6.95		1.87		6.57		2.87		6.88		1.93		4.44		4.95		.53		2.69		4.52		4.77		48.99	
MILFORD 2 WSW	7.41		1.14		6.67		2.64		6.18		1.92		4.43		7.16		1.70		1.39		3.45		4.17		48.26	
DIVISION	7.19	3.88	1.07	1.89	6.42	2.40	2.69	.57	6.25	2.78	2.39	1.27	5.06	.51	6.72	1.90	.95	2.61	1.57	1.54	3.58	.09	4.46	.90	46.37	4.58

See Reference Notes Following Station Index

TEMPERATURE EXTREMES AND FREEZE DATA

Table 3

MARYLAND AND DELAWARE
1978

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.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
MARYLAND																													
* * *																													
SOUTHERN EASTERN SHORE 01																													
ASSAFAQUE STATE PARK	94	8-29*	11	2-5	3-5	13	3-6	18	3-7	22	3-18	26	3-19	32	11-27	32	12-10	26	12-11	20	12-11	20	NONE	NONE	280	279	267	253	
CRISFIELD SOMERS COVE	94	8-29*	14	2-5*	2-5	14	3-5	19	3-7	24	3-8	27	3-18	32	11-3	32	12-11	25	12-29	22	NONE	NONE	NONE	NONE	280	297	278	230	
POTOMAC CITY	96	7-22	8	2-5	3-5	16	3-6	19	3-6	19	3-8	27	4-17	32	10-18	32	12-10	28	12-11	20	12-11	20	NONE	NONE	280	280	277	184	
PRINCESS ANNE	96	7-10	2	2-5	3-6	12	3-10	18	3-26	22	3-26	22	4-23	32	10-9	30	10-18	28	12-2	22	12-11	18	NONE	NONE	276	251	206	166	
SALISBURY	94	8-29*	11	2-7*	3-5	14	3-6	18	3-8	24	3-18	28	4-9	32	10-18	32	12-2	28	12-11	20	12-11	20	NONE	NONE	280	278	259	192	
SALISBURY FAA AP	98	7-10	3	2-5	3-6	13	3-6	13	3-7	24	3-7	24	3-18	29	10-18	30	10-25	27	12-10	23	12-11	17	NONE	NONE	280	278	232	214	
SNOW HILL 4 N	96	7-10	4	2-5	3-6	13	3-6	13	3-7	24	3-18	28	4-17	30	9-29	31	10-9	28	12-11	14	12-11	14	12-11	14	280	280	279	203	165
* * *																													
CENTRAL EASTERN SHORE 02																													
CAMBRIDGE WTR TRMT PL	96	7-24*	12	1-10	2-12	15	3-7	18	3-7	18	3-9	27	3-13	31	11-9	32	11-27	28	12-11	24	12-30	18	NONE	NONE	298	279	263	241	
DENTON 1 S	98	7-23	8	2-20	3-7	16	3-7	16	3-7	16	3-20	28	4-17	32	10-9	32	11-27	28	12-11	16	12-11	16	12-11	16	279	279	252	175	
ROYAL OAK	94	7-23	10	2-3	3-5	16	3-7	20	3-7	20	3-11	28	3-20	30	11-27	30	12-10	28	12-11	22	12-30	19	NONE	NONE	298	279	274	252	
VIENNA	98	7-22	12	1-11*	3-5	15	3-6	17	3-8	21	3-9	28	3-18	30	10-18	32	-	-	12-11	20	12-11	20	NONE	NONE	280	278	-	214	
* * *																													
LOWER SOUTHERN 03																													
LA PLATA 1 W	94	7-23	7	1-23	3-6	15	3-6	15	3-7	21	3-18	26	4-28	32	11-2	32	12-2	28	12-11	15	12-11	15	12-11	15	280	280	279	259	188
MPCANICVILLE 1 SE	95	7-23*	8	1-16	3-5	10	3-5	10	3-9	21	3-18	28	3-31	32	11-9	32	11-29	25	12-10	23	12-11	16	12-11	16	281	281	276	256	223
OWINGS FERRY LANDING	98	7-23	6	1-10	3-5	10	3-11	20	3-12	21	3-13	28	4-17	32	10-9	32	-	-	12-10	23	12-11	16	12-11	16	-	-	-	175	
PATUXENT RIVER	97	7-23*	11	1-10	2-5	16	3-5	17	3-6	21	3-9	27	3-18	30	11-26	32	12-10	25	12-11	24	NONE	NONE	NONE	NONE	280	276	253		
SPOONMANS	94	7-23*	15	1-10*	2-5	16	3-5	19	3-6	24	3-9	28	3-18	30	12-10	29	12-11	23	12-11	23	NONE	NONE	NONE	NONE	280	277	267		
* * *																													
UPPER SOUTHERN 04																													
ANNAPOLIS POLICE BRKS	98	7-24*	8	1-10	3-5	15	3-6	20	3-7	24	3-18	28	3-20	31	11-27	28	11-27	28	12-11	18	12-11	18	NONE	NONE	280	279	254	252	
BALTIMORE WSO AP	100	7-23	8	1-23	3-5	11	3-6	20	3-7	23	3-18	28	3-20	30	11-9	32	11-29	25	12-10	23	12-11	18	NONE	NONE	280	278	256	234	
BELTSVILLE	97	7-24	3	1-23	3-6	11	3-7	18	3-7	18	3-20	28	4-25	30	10-9	28	10-9	28	12-10	24	12-11	14	12-11	14	280	279	278	203	167
BELTSVILLE PLANT STA 5	96	7-24*	4	1-23	3-5	12	3-7	19	3-7	19	3-18	28	4-23	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLLEGE PARK	98	7-24	7	1-23	3-5	14	3-5	14	3-7	24	3-18	28	3-20	30	10-25	31	11-29	27	12-11	16	12-11	16	12-11	16	281	281	279	256	219
DALECARLIA RESVR D C	98	7-23	8	1-23	-	-	-	-	-	-	-	-	-	-	11-9	32	12-2	28	12-11	17	12-11	17	NONE	NONE	-	-	-	-	
GLENN DALE BELL STA	97	7-23	3	1-23	3-6	15	3-7	17	3-12	24	4-16	26	5-2	32	9-29	32	10-10	28	11-29	23	12-11	11	12-11	11	280	279	262	177	150
LAUREL 3 W	98	7-23	7	1-29	3-6	13	3-6	13	3-7	14	3-18	27	3-18	27	11-26	32	11-27	26	12-10	19	12-10	19	12-11	19	280	279	278	254	253
NATIONAL ARBORETUM D C	98	7-24	10	1-10	3-5	13	3-6	19	3-6	19	3-10	28	3-19	29	11-2	32	12-10	26	12-11	18	12-11	18	12-11	18	280	279	280	275	228
UPPER MARLBORO 3 NNW	97	7-24*	7	1-23	3-6	12	3-6	12	3-7	22	3-20	28	4-23	31	10-9	30	11-2	28	12-11	14	12-11	14	12-11	14	280	280	279	227	169
* * *																													
NORTHERN EASTERN SHORE 05																													
CENTREVILLE	96	7-23*	3	2-10	3-7	15	3-7	15	3-7	15	3-18	28	4-17	32	10-9	27	10-9	27	-	-	12-11	19	NONE	NONE	279	-	205	175	
CHESTERTOWN	96	7-23	6	2-20	3-6	16	3-7	19	3-7	19	3-11	27	4-9	32	10-18	31	11-27	27	12-10	24	12-11	19	NONE	NONE	279	278	261	192	
MILLINGTON	96	7-23	-2	2-10	3-7	8	3-7	8	3-11	23	3-20	27	4-23	31	10-9	30	10-18	28	11-27	23	12-11	15	12-11	15	279	279	261	212	169
* * *																													
NORTHERN CENTRAL 06																													
ARDEEN PHILLIPS FLD	98	7-23	4	2-10	3-6	13	3-7	17	3-9	24	3-9	24	3-19	32	10-18	31	11-29	26	12-11	18	12-11	18	NONE	NONE	279	277	265	213	
BALTIMORE WSO CI	101	7-23	14	1-10	1-10	14	3-5	18	3-5	18	3-9	28	3-18	31	11-26	32	12-10	24	12-10	24	NONE	NONE	NONE	NONE	280	276	253		
BENSON POLICE BARRACKS	98	7-22	2	1-23	3-6	10	3-7	18	3-18	23	3-18	23	4-17	32	10-8	32	11-26	27	11-27	23	12-2	20	12-11	15	280	270	254	253	174
BRYDS 2 NW	94	7-23	7	1-10	3-2	13	3-7	20	3-18	24	3-18	24	4-15	31	10-18	32	11-27	28	12-10	22	12-11	14	12-11	14	284	279	267	254	186
CATOCIN MOUNTAIN PARK	86	7-24*	0	1-10	3-7	15	3-18	20	3-18	20	4-9	28	5-2	32	10-25	32	11-26	26	11-27	22	12-10	17	12-11	13	279	267	254	231	176
CLARKSVILLE 3 NNE	96	7-23	-4	1-23	3-7	10	3-7	10	3-18	24	5-1	27	5-2	32	9-29	31	10-9	28	11-2	24	12-11	13	12-11	13	279	279	229	161	150
CROWNING DAM	99	7-23	3	1-23	3-7	13	3-7	13	3-11	23	3-18	25	5-1	29	10-9	30	11-17	27	11-27	21	12-10	16	12-10	16	278	278	261	244	161
DANASCUS 2 SW	93	7-22	4	1-10	3-5	7	3-7	19	3-18	23	3-30	28	5-2	32	10-9	32	11-27	27	12-10	21	12-11	15	12-11	15	281	279	267	242	160
EMMITTSBURG 2 SE	94	7-24*	-9	2-20*	3-7	10	3-7	10	4-15	23	5-1	27	5-2	32	9-29	32	10-9	28	11-2	20	12-1	16	12-11	16	279	240	201	161	150
FREDRICK POLICE BRKS	96	7-23	4	2-20	3-6	7	3-6	7	3-10	22	3-18	26	4-9	32	11-2	32	11-27	26	12-10	23	12-11	18	NONE	NONE	280	275	254	207	
PARKTON 2 SW	94	7-23*	3	2-20	3-7	16	3-18	18	3-18	18	5-1	28	5-1	28	10-9	31	11-9	28	11-27	24	12-10	17	12-11	14	279	267	254	192	161
ROCKVILLE 3 NE	95	7-23*	2	1-23	3-7	7	3-7	7	3-18	24	3-20	28	4-28	32	9-29	30	10-9	25	11-2	24	12-10	18	12-11	15	279	278	229	203	154
TOWSON	96	7-22	9	1-10	3-5	10	3-9	24	3-18	26	3-9	24	3-18	26	11-26	31	11-27	26	12-10	24	12-11	18	NONE	NONE	-	276	254	240	
UNIONVILLE	93	7-23*	8	1-23	3-7	7	3-18	19	3-18	19	5-1	26	5-2	32	9-29	31	10-9	28	11-2	22	12-11	14	12-11	14	279	268	229	161	150
WESTMINSTER 2 SSE	-	-	5	1-10	-	-	-	-	-	-	-	-	5-1	31	10-9	32	11-26	28	11-27	23	12-10	19	12-11	14	-	-	-	-	161
WOODSTOCK	94	7-23*	2	2-20*	3-7	14	3-7	14	3-18	22	3-18	22	5-1	31	10-9	30	11-2	28	12-10	24	12-11	14	12-11	14	279	279	267	229	161
* * *																													
APPALACHIAN MOUNTAIN 07					</																								

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

MARYLAND AND DELAWARE
1978

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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
DELAWARE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

See Reference Notes Following Station Index

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

MARYLAND AND DELAWARE
1978

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
MARYLAND														
* * *														
UPPER SOUTHERN 04														
BELTSVILLE	EVAP	-	-	-	-	-	7.288	6.588	5.548	4.458	3.138	-	-	-
	DEP	-	-	-	-	-	.69	.90	.69	.20	.17	-	-	-
	WIND	-	-	-	-	881B	852	737	620	494B	791B	-	-	-
	MAX	-	-	-	-	83.3	91.8	94.6	94.8	87.5	70.7	-	-	-
	MIN	-	-	-	-	58.0	64.7	67.3	71.4	62.3	45.2	-	-	-
UPPER MARLBORO 3 NNW	EVAP	-	-	-	5.23B	4.99B	6.60	6.65B	5.70B	4.16	3.05	-	-	-
	WIND	-	-	-	1578B	1075	669B	810	629	485	838	-	-	-
	MAX	-	-	-	67.8	76.3	91.5	91.0	92.6	85.5	68.3	-	-	-
	MIN	-	-	-	42.6	54.0	62.5	65.5	69.8	59.8	43.6	-	-	-
* * *														
ALLEGHENY PLATEAU 08														
SAVAGE RIVER DAM	EVAP	-	-	-	-	5.01B	-	4.64	4.99	4.15B	2.14B	-	-	-
	WIND	-	-	-	-	1638B	-	797B	797	1050	1187	-	-	-
	MAX	-	-	-	-	69.6	82.8	86.5	88.5	79.3	59.3	-	-	-
	MIN	-	-	-	-	48.3	55.9	59.7	63.4	56.6	39.5	-	-	-
DELAWARE														
* * *														
NORTHERN 01														
NEWARY UNIVERSITY FARM	EVAP	-	-	-	-	4.50B	6.38B	6.39B	4.54B	4.09	-	-	-	-
	WIND	-	-	-	-	1244	721	570	404	426	500B	-	-	-
	MAX	-	-	-	68.2	75.8	90.5	91.3	92.4	82.8	65.3	-	-	-
	MIN	-	-	-	43.2	53.9	64.8	67.2	71.6	64.0	50.6	-	-	-
* * *														
SOUTHERN 02														
GEORGETOWN 5 SW	EVAP	-	-	-	6.38B	5.75	6.66B	7.54B	6.76B	5.30	4.25	-	-	-
	WIND	-	-	-	3091B	2296	2191	1796	1639	1658	2006	-	-	-

See Reference Notes Following Station Index

STATION INDEX

MARYLAND AND DELAWARE
1978

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
MARYLAND													
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	139	28	76 10	57	13	13				1 2 3
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	138	59	76 30	25	20	20				1 2 3
ASSATEAGUE STATE PARK	0335	01	WORCESTER	238	14	75 08	7	11	11				1 2 3
BALTIMORE WSD AP	0465	04	ANNE ARUNDEL	339	11	76 40	196	44	44				1 2 3 C
BALTIMORE WSD CI	0470	06	BALTO CITY	339	17	76 37	91	108	108				1 2 3 C
BELTSVILLE	0700	04	PRN GEORGES	539	02	76 53	120	41	41	38			1 2 3 C
BELTSVILLE PLANT STA 5	0705	04	PRN GEORGES	539	01	76 57	100	30	30			SEP	1 2 3 C
BENSON POLICE BARRACKS	0732	06	HARFORD	139	30	76 23	365	31	31				1 2 3
BOYDS 2 NW	1032	06	MONTGOMERY	539	13	77 20	580	26	26				1 2 3
BRIGHTON DAM	1125	06	MONTGOMERY	439	12	77 01	330		33				2
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	138	34	76 04	5	84	84				1 2 3
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	539	39	77 29	1610	12	12				1 2 3 C
CENTREVILLE	1627	05	QUEEN ANNES	139	03	76 03	46	26	26				1 2 3
CHESTERTOWN	1750	05	KENT	139	13	76 04	40	73	73				1 2 3
CLARKSVILLE 3 NNE	1862	06	HOWARD	439	15	76 56	365	12	12				1 2 3
COLLEGE PARK	1995	04	PRN GEORGES	538	59	76 57	90	92	92				1 2 3 C
CONDWINGO DAM	2060	06	HARFORD	639	39	76 10	40	43	43				1 2 3
CRISFIELD SOMERS COVE	2215	01	SOMERSET	137	59	75 52	8	16	16				1 2 3
CUMBERLAND 2	2282	07	ALLEGANY	539	38	78 45	700	6	6				1 2 3
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	539	38	78 50	970	30	30		10/77		1 2 3
DAMASCUS 2 SW	2335	06	MONTGOMERY	539	16	77 14	720	6	6				1 2 3
DENTON 1 S	2523	02	CAROLINE	138	53	75 50	20	27	27				1 2 3
EASTON POLICE BARRACKS	2700	02	TALBOT	138	45	76 04	40	86	86		10/77		1 2 3
EDGEHONT	2770	07	WASHINGTON	539	40	77 33	905		40				2
EMMITSBURG 2 SE	2906	06	FREDERICK	539	41	77 18	416	23	23				1 2 3
FEDERALSBURG	3090	02	CAROLINE	138	41	75 46	20						C
FREDRICK POLICE BRKS	3348	06	FREDERICK	539	25	77 26	380	6	6				1 2 3
FREDERICK 3 E	3355	06	FREDERICK	539	24	77 22	385		30				2
FROSTBURG 2	3415	07	ALLEGANY	539	40	78 56	2170	7	7				1 2 3
GLENN DALE BELL STA	3675	04	PRN GEORGES	438	58	76 48	150	58	58				1 2 3
HAGERSTOWN	3975	07	WASHINGTON	539	39	77 44	660	37	37				1 2 3
HANCOCK FRUIT LAB	4030	07	WASHINGTON	539	42	78 11	428	45	45				1 2 3 C
LA PLATA 1 W	5080	03	CHARLES	538	32	77 00	140	64	64				1 2 3
LAUREL 3 W	5111	04	PRN GEORGES	439	06	76 54	400	88	88				1 2 3
MCHENRY 2 NW	5822	08	GARRETT	739	35	79 22	2680	8	8				1 2 3 C
MECHANICSVILLE 1 SE	5865	03	ST MARYS	438	26	76 43	160	17	17				1 2 3
MERRILL	5894	08	GARRETT	539	36	79 05	1790		27				2
MILLINGTON	5985	05	KENT	139	16	75 51	30	81	81				1 2 3
NEW GERMANY 2	6410	08	GARRETT	539	37	79 08	2480						C
OKLAND 1 SE	6620	08	GARRETT	739	24	79 24	2420	81	81				1 2 3
OWINGS FERRY LANDING	6770	03	CALVERT	438	41	76 40	160	62	62				1 2 3
PARKTON 2 SW	6844	06	BALTIMORE	139	38	76 42	600	26	26				1 2 3 C
PATUXENT RIVER	6915	03	ST MARYS	438	20	76 25	38	3	3				1 2 3 C
PERRY POINT	6980	06	CECIL	139	33	76 04	40						C
POTOMAC CITY	7140	01	WORCESTER	138	04	75 33	20	30	30				1 2 3
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	539	02	77 15	270		17				2
PRINCESS ANNE	7330	01	SOMERSET	138	13	75 41	20	30	30				1 2 3
ROCKVILLE 3 NE	7705	06	MONTGOMERY	539	07	77 06	400	31	31				1 2 3
ROYAL OAK	7806	02	TALBOT	138	43	76 11	10	31	31				1 2 3
SALISBURY	8000	01	WICOMICO	138	22	75 35	10	72	72				1 2 3
#SALISBURY FAA AP	8005	01	WICOMICO	138	20	75 31	48	31	31				1 2 3
SAVAGE RIVER DAM	8065	08	GARRETT	539	31	79 08	1495	28	31	28			1 2 3 C
SINES DEEP CREEK	8315	08	GARRETT	739	32	79 25	2040						C
SNOW HILL 4 N	8380	01	WORCESTER	138	14	75 23	28	63	63				1 2 3
SOLOMONS	8405	03	CALVERT	138	19	76 27	12	87	87				1 2 3
TOWSON	8877	06	BALTIMORE	339	23	76 34	390	41	66				1 2 3
UNIONVILLE	9030	06	FREDERICK	539	27	77 11	430	39	37				1 2 3 C
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	438	52	76 47	98	23	23	23			1 2 3
VIENNA	9140	02	DORCHESTER	138	29	75 50	12	30	30				1 2 3
WALDORF POLICE BRKS	9195	03	CHARLES	538	39	76 53	210	30	30		10/77		1 2 3
WESTMINSTER 2 SSE	9435	06	CARROLL	139	33	76 59	860	69	69				1 2 3
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	539	04	77 02	330	17	17		12/77		1 2 3
WOODSTOCK	9750	06	BALTIMORE	339	20	76 52	460	109	109				1 2 3
DELAWARE													
DISTRICT OF COLUMBIA													
DALECARLIA RESVR D C	2325	04		538	56	77 07	146	33	33				1 2 3
NATIONAL ARBORETUM D C	6350	04		538	54	76 59	50	32	32				1 2 3
U S SOLDIERS HOME D C	9035	04		538	56	77 01	230	32	32		12/77		1 2 3
DELAWARE													
BRIDGEVILLE 1 NW	1330	02	SUSSEX	138	45	75 37	50	88	88				1 2 3
DOVER	2790	02	KENT	239	09	75 31	30	91	90				1 2 3
GEORGETOWN 5 SW	3570	02	SUSSEX	138	38	75 27	45	33	33	25			1 2 3 C
LEWES 1 SW	5320	02	SUSSEX	238	46	75 09	20	34	34				1 2 3

See Reference Notes Following Station Index

STATION INDEX

MARYLAND AND DELAWARE
1978

Station	Index No.	Division No.	County	Drainage †	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	239 26	75 45	60	27	27					1 2 3
MILFORD 2 WSW	5915	02	SUSSEX	238 54	75 28	30	83	83					1 2 3
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	239 40	75 44	90	66	66		22			1 2 3 4 C
WILMINGTON WSD AP R	9595	01	NEW CASTLE	239 40	75 36	79	31	31					1 2 3 C
WILMINGTON PORTER RESVR	9605	01	NEW CASTLE	239 46	75 32	274	67	67					1 2 3

See Reference Notes Following Station Index

REFERENCE NOTES

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA" for this State.

AVERAGES: Division averages in the annual issue include late reports and corrected data and may differ slightly from values published in monthly issues.

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table.

Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1941-1970. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for October 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

LATE REPORTS AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

DAILY SOIL TEMPERATURES TABLES: Included are all soil temperature stations with any data published for the calendar year, whether or not opened or closed during the year. See the reference notes of the monthly issues for information on individual stations as to soil type, ground cover, and degree of slope.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.
- + Also on earlier date (dates) or months.
- * Amount included in following measurement.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

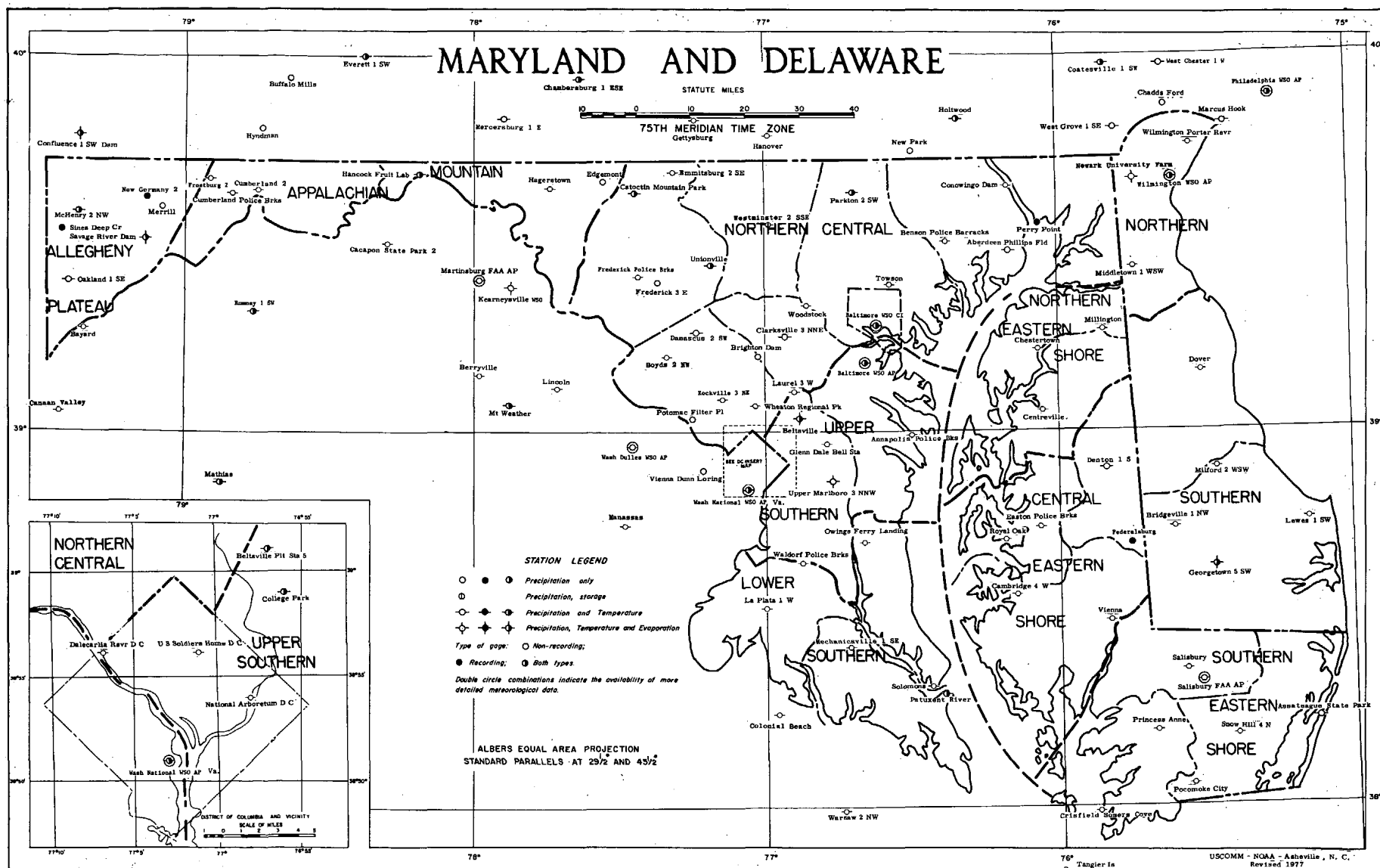
IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- + DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHIOPENY
- C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of local Climatological Data, price 20 cents. Note minimum charge and ordering instructions below.

SUBSCRIPTION PRICE: \$5.10 per year for each section including annual summary; \$8.00 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. There is a minimum charge of \$2.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, NC 28801. Attn: Publications.



U. S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
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210



THIRD CLASS
BULK RATE