

VOLUME 83

NUMBER 13

# CLIMATOLOGICAL DATA

## ANNUAL SUMMARY



MARYLAND & DELAWARE

1979

"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 CENTER, ASHEVILLE, NORTH CAROLINA 28801."

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND  
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.

# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1

MARYLAND AND DELAWARE  
1979

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																														
* * * SOUTHERN EASTERN SHORE 01																														
ASSATEAGUE STATE PARK	36.2		27.9M		44.5		52.9		62.0		67.2		74.5		76.0		70.9		58.4		53.4		43.4M		55.6M					
CRISFIELD SOMERS COVE	36.0M	-1.2	26.9	-10.3	47.3	-9	55.9M	-1.2	67.0	-3	70.1M	-4.8	77.1M	-2.2	77.9M	.1	71.1M	-1.3	59.3	-2.9	53.3M	1.79	41.5M	-9	57.2M	-1.6				
POCOMOKE CITY											71.7M		76.8																	
PRINCESS ANNE	37.3		27.7		49.0		54.2		66.0		68.1		74.7		75.8		69.8		57.9		52.6		42.8		56.3					
SALISBURY	37.2	-3	28.1	-10.9	48.9	3.0	54.7	-1.2	65.0	-3	69.1	-4.1	74.5	-2.6	75.3	-4	69.4	-4	58.4	-1.2	52.3	2.7	40.5	1.2	56.2	-1.1				
SALISBURY FAA AP	34.9		26.4		47.0		53.2		64.8		68.3		74.9		75.3		69.7		56.2		52.3		42.5		55.5					
SNOW HILL 4 N	36.2	-4	27.5	-10.6	48.1	3.5	53.9	-5	65.8	2.0	68.4	-3.6	74.4	-1.9	74.8	.0	68.8	-1	56.9	-1.8	52.6	4.3	42.5	4.0	55.8	.5				
DIVISION	36.4	-5	27.8	-10.4	47.5	2.5	54.1	-9	65.2	.8	69.0	-3.7	75.3	-1.7	75.9	.3	70.0	-4	57.9	-1.6	52.8	3.7	42.2	3.2	56.2	-6				
* * * CENTRAL EASTERN SHORE 02																														
CAMBRIDGE WTR TRMT PL	35.9		26.7		49.5		55.2		67.1		70.3		76.1		76.5		70.9		58.6		53.6		42.2		56.9					
DENTON 1 S	34.6	-3	25.4	-11.1	48.6	4.6	53.0	-1.9	65.5	.6	68.3	-4.9	75.0	-2.1	75.1	-3	68.4	-6	57.2	-1.2	52.3	4.5	40.7	3.8	55.3					
ROYAL OAK 2 SS4	35.0		26.2		48.7		54.4		66.5		70.5		75.6		76.0		70.2		58.6		53.2		41.6		56.4					
VIENNA	36.1		26.6		50.0		54.8		67.3		70.6		76.9		76.8		70.8M		58.2M		52.8M		41.6M		56.9M					
DIVISION	35.4	-3	26.2	-10.9	49.2	4.6	54.4	-8	66.6	1.7	69.9	-3.2	75.9	-1.2	76.1	.6	70.1	.7	58.2	-9	53.0	4.5	41.5	3.7	56.4	.1				
* * * LOWER SOUTHERN 03																														
LA PLATA 1 W	33.9	-1.8	26.8	-10.5	49.1	4.1	54.1	-1.6	65.0	.3	68.9	-3.5	73.5	-2.9	74.1	-7	68.5M	-2	56.5	-1.7	52.4	5.0	40.8	4.0	55.3M	.8				
MECHANICSVILLE 1 SE	34.8		27.3		49.1		55.1		65.6		68.2M		73.7		73.8		67.4M		50.4		50.4		38.4M							
OWINGS FERRY LANDING	33.7	-2.2	25.3	-12.0	47.2	3.0	52.9	-3.0	66.3	1.4	68.6	-4.2	72.9	-3.8	74.4	.5	68.2	-6	59.9	1.4	53.3		43.0		56.3					
PATUENT RIVER	35.1		27.3		47.2		53.8		65.4		69.4		76.3		76.2		70.7		58.0		53.3		43.0		56.3					
SOLOMONS	35.2	-2.1	27.0	-11.5	47.6	2.1	54.7	-1.3	66.3M	.2	70.9	-3.5	76.5M	-2.2	77.5M	.2	72.0M	.0	59.0M	-2.3	54.0M	3.4	42.0	2.2	56.9M	-1.3				
DIVISION	34.5	-1.5	26.7	-10.8	48.3	3.3	54.1	-1.6	65.7	.7	69.2	-3.7	74.6	-2.3	75.2	.0	69.4	-2	58.4	-3	52.5	4.3	41.1	3.5	55.8	.7				
* * * UPPER SOUTHERN 04																														
ANNAPOLIS POLICE BRKS	34.0	-5	26.8	-9.0	48.6	5.4	54.2	-1	65.6	1.7	70.4M	-2.1	75.3	-1.4	76.4	1.3	69.7	.8	57.0M	-1.2	52.2	4.8	41.4M	4.5	56.0M	.4				
BALTIMORE WSO AP	33.1	-3	25.6	-9.2	48.5	5.7	53.1	-7	64.7	1.8	70.7	-1.7	75.9	-7	75.7	.8	68.8	.3	55.7	-1.7	50.6	4.5	40.3	5.0	55.2	.2				
BELTSVILLE	31.2M		22.4M		45.4M		51.5M		62.9M		67.6		73.6M		73.3		67.0M		53.7M		49.9M		38.4		53.1M					
COLLEGE PARK	32.2	-2.7	24.9	-11.7	47.1	2.7	53.5	-1.7	64.9	-1.9	68.8	-3.1	75.4	-1.5	76.1	.9	69.4	.7	56.4	-1.5	51.6	4.7	40.0	3.5	55.1	.8				
DALECARLIA RESV R D C	32.4		25.9		48.1		54.5		66.2		70.3		75.4		75.8		68.6		56.1		51.1		39.8		55.4					
GLENN DALE BELL STA	32.4	-1.7	25.4	-10.4	47.7	4.2	53.1	-1.2	63.6	-2	67.9	-3.9	73.7	-2.1	74.1	.0	67.3	-5	54.9	-2.1	50.1	3.9	39.5	4.0	54.1	.9				
LAREL 3 W	30.1		24.3		46.8		52.0		63.8		68.6		74.3		74.3		67.5		56.7M		50.8		39.5		54.1M					
NATIONAL ARBORETUM D	31.6		24.6		47.6M		54.0		64.7		69.4		75.3		75.1		68.5		56.0M		50.9		40.2		54.8M					
UPPER MARLBORO 3 NNW	31.7		23.0		45.8		52.7		63.7		67.6		74.1		74.3		67.3		54.2		50.1		38.7M		53.6M					
DIVISION	32.1	-2.0	24.8	-10.9	47.3	3.8	53.2	-1.2	64.5	.5	69.1	-3.1	74.8	-1.6	75.0	.3	68.2	-1	55.6	-2.1	50.8	4.2	39.8	3.7	54.6	.7				
* * * NORTHERN EASTERN SHORE 05																														
CENTREVILLE	31.4		25.4		48.3		53.5		65.1		69.1		74.5		74.9		66.5		54.7		49.6		39.6		54.4					
CHESTERTOWN	32.8	-1.3	24.1	-11.5	47.2	3.9	52.0	-2.1	64.3	-1.8	69.2	-3.7	75.3	-2.0	74.6	-1.0	68.1	-1.3	55.5	-3.3	51.3	3.8	39.8	-3.3	54.5	-1.3				
MILLINGTON	31.7	-2.1	21.9	-13.6	46.3	2.9	51.7M	-2.2	63.1M	-1.5	67.0	-5.0	72.8	-3.4	73.0	-1.5	66.4	-2.0	53.3	-4.6	48.0	1.1	35.7	-2	52.6M	-2.6				
DIVISION	32.0	-2.2	23.8	-12.0	47.3	4.0	52.4	-1.9	64.2	.2	68.4	-4.3	74.2	-2.8	74.2	-1.0	67.0	-2.2	54.5	-4.2	49.6	2.0	38.4	1.9	53.8	-1.9				
* * * NORTHERN CENTRAL 06																														
ABERDEEN PHILLIPS FLD	33.6		23.9		47.3		52.4		63.9		69.3		74.6		74.9		67.9M		55.7		50.9		38.7M		54.4M					
BALTIMORE WSO CI	35.7	-4	28.1	-9.3	50.7	5.6	55.0	-1.4	67.2	.9	73.0	-2.1	78.8	-6	78.2	.6	72.3	1.2	58.8	-1.9	54.4	5.2	43.5	5.0	58.0	.3				
BENSON POLICE BARRACKS	31.4				44.8		50.8		64.8		70.0M		75.3		75.3		69.9M		50.9		50.9		39.3		53.8					
BOYDS 2 NW	30.2		24.2		47.3		52.9		63.5		68.7		73.2		73.4		67.0		54.8		50.6		39.3		53.8					
CATOCTIN MOUNTAIN PARK	25.7		21.1		44.0		49.4		60.3		65.5		68.6		68.7		62.7		51.6M		47.3		35.7		50.1M					
CLARKSVILLE 3 NVE	30.9		22.0		45.0		51.0		62.3		67.8		73.2		73.4		66.9		54.2		48.9		38.5		52.8					
CONDOSING DAM			24.1M		45.1	4.4	51.4M	-6	64.7	2.6	68.7	-2.1	74.4M	-8	74.2M	.8	68.0M	1.1	54.4	-1.7	47.8	3.5	37.0	3.8	52.7					
DAMASCUS 2 SW	28.7		23.1		46.2		51.1		62.5		67.8		72.7		72.7		66.0		53.0		49.6		37.6		52.7					
EMMITTSBURG 2 SE	29.9		22.8		44.8		50.2		61.6		67.1		71.6		71.6		64.8		53.6		47.7		37.4		52.0					
FREDRICK POLICE BRKS	31.2		25.1		47.8		53.8		65.0		70.5		75.2		75.6		68.3M		56.3M		50.4		40.1		54.9M					
PARKTON 2 SW	27.9		21.6		43.8		48.8		60.6		65.5		71.3		71.1		64.2		51.7		47.3		37.1		50.9					
ROCKVILLE 3 NE	29.9		23.5		44.9M		51.9		62.2M		67.2		71.4		71.3		63.6M		52.9		49.2M		39.3		52.3M					
TOLSON	32.4		27.8		48.7		52.9M		64.4		70.0		75.0		75.0		68.9		56.0		50.8		40.7M							
UNIONVILLE	29.6	-9	20.4	-12.1	44.7	4.1	50.4	-1.0	62.1	-9	67.4	-2.4	71.6	-2.3	71.9	-1	65.0M	-2	52.9	-1.7	48.0	4.6	37.2	4.6	51.8M	-5				
WESTMINSTER 2 SSE	28.0																													

Table 1

## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE  
1979

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 D1																												
MIDDLETOWN 1 WSW	33.0M		23.2		46.8		51.8		64.7		68.5		74.2		74.5M		68.8		55.9		51.3		39.6		54.4M			
NEWARK UNIVERSITY FARM	32.9	- .7	23.8	-10.1	46.4M	4.7	51.4	- 1.2	64.5	1.8	68.5	- 2.8	74.9	- .6	74.9	1.8	68.4	1.0	55.2	- 1.5	50.4M	5.0	38.3	3.8	54.1M	.1		
WILMINGTON WSO AP	31.4	- .6	22.1	-11.5	45.4	3.8	50.6	- 1.7	63.8	1.4	67.9	- 3.5	75.3	- .5	75.0	.9	68.2	- .3	55.0	- 2.2	49.6	3.9	38.1	3.4	53.5	.6		
WILMINGTON PORTER RESVR	30.4	- 1.4	22.2	-11.0	44.9	3.8	49.6	- 2.2	62.4	.5	67.3	- 3.4	73.7	- 1.3	73.1	.5	66.3	- .9	53.1	- 3.7	49.6	4.1	38.9	4.4	52.6	- 1.0		
DIVISION	31.9	- .4	22.8	-11.0	45.9	4.1	50.9	- 1.6	63.9	1.3	68.1	- 3.3	74.5	- 1.2	74.4	.5	67.9	- .2	54.8	- 2.3	50.2	4.4	38.7	3.8	53.7	.4		
* * *																												
SOUTHERN D2																												
BRIDGEVILLE 1 NW	35.6	.6	25.3	-11.2	48.7	5.1	53.6	- .2	66.2	2.5	69.4	- 2.8	75.2	- .9	75.2	1.0	69.5	- 1.3	57.5	- .4	52.7	5.3	40.8	3.9	55.8	.3		
DOVER			26.1	-10.7	48.0	3.9	53.0	- 1.5	65.9	1.5	68.0	- 4.9	75.5	- 1.5	76.3	1.1	69.4	- .1	56.8	- 2.2	52.5	4.3	41.1	3.8				
GEORGETOWN 5 SW	34.6		24.3		45.9		52.5		64.2		67.7		74.2M		74.6		68.0		55.9		51.5		39.9		54.4M			
LEWES 1 SW	35.2		26.5		46.3		51.8		64.0		67.9		74.1		74.3		68.6		56.7		52.1		41.3		54.9			
MILFORD 2 WSW	35.7		25.4M		48.4		53.4		66.4		68.6M		75.3		75.4		69.5		56.8		52.4		40.8		55.7M			
DIVISION	35.3	- .1	25.5	-11.2	47.5	3.7	52.9	- 1.0	65.3	2.7	68.3	- 3.8	74.9	- 1.4	75.2	.6	69.0	- .4	56.7	- 1.6	52.2	4.3	40.8	3.5	55.3	.4		

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE  
1979

TABLE 2

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																												
ASSAITEAGUE STATE PARK	6.57		7.15		4.08		3.65		4.67		5.85		3.70		3.17		5.44		2.13		5.93		.41		52.75			
CRISFIELD SOMERS COVE	4.75	1.68	5.72	2.77	5.06	1.09	2.67	.52	3.92	.57	3.76	.53	2.38	1.82	3.62	.85	6.36	2.98	4.39	1.32	5.60	2.51	1.13	2.00	49.36	8.26		
POCONOKE CITY																												
PRINCESS ANNE	6.82		5.65		5.39		3.61		5.50		4.37		5.19		7.88		7.93		3.62		6.06		1.47		63.09			
SALISBURY	6.84	3.51	6.84	3.59	4.93	.81	3.02	.17	4.78	1.60	6.07	2.62	4.93	1.04	6.95	1.44	7.87	4.17	3.10	.09	6.04	2.95	1.62	1.87	62.99	19.60		
SALISBURY FAA AP	8.59		6.78		5.33		3.78		5.58		6.60		6.55		6.37		9.47		2.77		6.50		1.31		69.63			
SNOW HILL 4 N	7.50	3.90	7.32	3.70	5.86	1.17	3.87	.52	3.91	.48	5.64	1.79	3.93	.44	6.08	1.07	6.75	2.93	2.97	.68	5.86	2.30	1.49	2.20	61.18	14.54		
DIVISION	6.85	3.64	6.58	3.38	5.11	1.00	3.43	.30	4.73	1.53	5.04	1.63	4.41	.26	5.61	.66	7.30	3.60	3.16	.10	6.00	2.79	1.24	2.18	59.46	16.51		
*****																												
CENTRAL EASTERN SHORE																												
CAMBRIDGE STR TRMT PL	6.57	3.46	7.61	4.92	3.52	.41	3.63	.30	4.50	.92	2.49	.92	7.88	3.14	9.59	4.69	7.16	3.66	4.14	1.17	4.34	.65	2.17	1.33	63.00	20.45		
DENTON 1 S	6.81	3.68	7.73	5.07	3.27	.55	2.41	.83	5.12	1.47	4.25	.68	2.82	1.88	9.23	4.59	5.10	1.61	4.82	1.89	3.18	.40	2.02	1.45	56.77	13.88		
ROYAL OAK 2 SSW	7.03		7.30		3.52		2.90		6.00		3.30		5.87		6.95		6.18		4.97		5.20		1.74		62.88			
VIENNA	7.32		7.14		4.01		3.99		4.24		4.16		6.26		7.61		4.96		4.01		4.32		1.57		59.59			
DIVISION	6.94	3.81	7.50	4.68	3.58	.25	3.23	.03	4.97	1.38	3.55	.07	5.71	1.07	8.82	4.05	5.85	2.44	4.49	1.60	4.26	.75	1.88	1.58	60.78	17.99		
*****																												
LOWER SOUTHERN																												
LA PLATA 1 W	6.60	3.52	5.84	3.12	3.10	.46	2.76	.34	3.00	.45	4.18	.57	4.44	.04	9.14	4.61	8.89	5.42	5.74	2.59	3.34	.24	1.39	2.00	58.42	16.78		
MECHANICSVILLE 1 SE	8.11		8.55		2.79		3.11		3.50		2.98		7.62		8.54		9.39		4.75		4.12		1.82		65.28			
OWINGS FERRY LANDING	7.04	4.16	5.73	3.18	2.62	.87	2.34	.84	3.74	.04	5.51	1.94	6.73	2.74	7.22	2.71	9.94	6.35	6.10	3.05	3.22	.05	1.36	1.94	61.55	20.47		
PATUXENT RIVER	6.75		5.95		3.10		2.69		6.38		3.83		5.80		8.17		7.73		2.84		4.40		1.39		58.73			
SOLOMONS	5.65	2.50	6.40	3.62	2.85	.76	2.66	.47	4.95	1.55	4.89	1.56	8.52	3.26	11.07	6.76	7.46	4.22	3.83	1.04	4.66	1.51	1.51	1.76	64.62	23.03		
DIVISION	6.68	3.67	6.49	3.78	2.89	.73	2.71	.43	4.31	.85	4.28	.76	6.56	1.98	8.96	4.39	8.68	5.22	4.65	1.58	3.99	.70	1.49	1.87	61.71	19.90		
*****																												
UPPER SOUTHERN																												
ANNAPOLIS POLICE BRKS	7.57	4.79	6.94	4.28	2.00	1.57	3.29	.16	4.29	.77	3.98	.48	2.99	.89	6.31	2.26	9.40	6.32	5.43	2.92	3.81	.78	1.17	2.15	57.18	18.15		
BALTIMORE WSO AP	7.84	4.93	7.16	4.35	2.05	1.64	3.37	.30	4.15	.54	5.74	1.97	3.71	.33	9.38	5.17	6.73	3.61	5.53	2.72	2.45	.68	.87	2.39	58.98	18.52		
BELTSVILLE	9.52		5.82		2.85		2.90		3.25		4.38		4.43		7.58		7.53		6.30		2.95		1.45		58.96			
COLLEGE PARK	8.34	5.61	5.99	3.44	2.59	1.02	2.74	.35	3.46	.42	4.36	.38	5.04	1.00	6.59	1.58	9.47	6.08	6.51	3.64	3.11	.12	1.02	2.24	59.22	17.58		
DALECARLIA RESVR C C	7.34		5.39		3.50		2.45		4.26		4.47		3.95		6.84		8.53		6.19		2.60		1.04		56.56			
GLENN DALE BELL STA	8.39	5.57	5.72	3.10	2.53	1.19	3.64	.45	3.35	.62	5.46	1.37	5.65	1.15	6.98	2.12	8.50	5.18	6.12	3.08	2.00	.51	1.10	2.15	60.24	17.55		
LAUREL 3 W	8.39		4.61		2.84		2.83		3.91		6.87		7.72		8.57		8.57		5.88		3.54		1.05		59.66			
NATIONAL ARBORUM C C	7.16		5.78		2.61		2.84		3.97		5.27		4.64		6.96		9.34		5.99		2.76		.91		58.23			
UPPER MARLBORO 3 NW	7.62		5.91		2.47		3.58		2.49		4.85		5.25		8.31		8.05		7.14		2.59		.87		59.13			
DIVISION	8.02	5.23	5.92	3.32	2.60	1.00	3.07	.02	3.68	.03	5.04	1.19	4.35	.28	7.41	2.69	8.46	5.17	6.12	3.26	2.96	.20	1.05	2.17	58.68	17.72		
*****																												
NORTHERN EASTERN SHORE																												
CENTREVILLE	6.50		5.11		.97		2.70		3.03		4.66		3.19		4.59		5.79		5.15		4.02		1.04		46.75			
CHESTEROWN	8.10	4.96	5.21	2.36	2.78	1.08	3.02	.13	2.60	1.29	4.81	1.07	3.22	.98	6.59	2.42	7.47	4.16	4.41	1.68	3.63	.14	1.50	2.12	53.40	11.18		
HILLINGTON	7.97	4.90	5.53	2.85	2.44	1.21	2.13	.93	2.67	.87	4.27	1.10	6.87	2.99	6.01	1.85	7.36	4.18	4.08	1.49	4.02	.58	1.54	1.80	54.89	15.11		
DIVISION	7.52	4.48	5.28	2.53	2.06	1.67	2.62	.50	2.77	.97	4.60	1.05	4.43	.34	5.73	1.57	6.87	3.50	4.55	1.91	3.89	.46	1.36	2.06	51.68	10.61		
*****																												
NORTHERN CENTRAL																												
ABERDEEN PHILLIPS FLD	6.63		5.33		1.95		3.43		3.76		5.23		3.92		5.33		6.45		5.52		3.28		1.45		52.28			
BALTIMORE WSO CI	8.64	5.64	6.92	4.00	2.66	1.14	3.71	.48	4.12	.49	3.70	.14	5.46	1.36	8.72	4.71	7.32	4.07	5.76	2.90	3.07	.14	1.26	2.18	61.36	20.05		
BENSON POLICE BARRACKS	9.46		3.86		4.26		4.26		4.20		4.04		2.75		7.45		7.74		4.98		4.57		2.23		57.94			
BOYDS 2 NW	7.95		5.88		3.27		2.46		5.51		6.18		4.28		7.43		9.18		7.39		2.64		1.04		63.21			
BRIGHTON DAM	8.40		6.71		2.69		2.36		4.48		4.85		2.56		9.47		9.76		5.32		2.72		1.05		60.57			
CATOCTIN MOUNTAIN PARK	8.30		4.96		2.64		3.38		4.99		2.44		3.64		7.28		15.47		6.12		3.26		2.28		64.76			
CLARKSVILLE 3 NE	8.56		5.15		2.83		2.71		5.17		4.98		4.13		8.66		10.09		6.69		2.96		1.10		63.03			
CONOWING DAM	10.41	7.48	8.04	3.36	1.26	2.65	3.88	.43	3.17	1.05	4.61	.66	3.02	1.31	7.73	3.53	9.58	6.27	6.43	3.57	3.38	.12	2.04	1.56	61.42	18.56		
DAMASCUS 2 SW	8.64		5.52		3.09		2.72		5.84		3.94		3.71		6.05		9.93		8.44		2.28		1.00		61.37			
EMMITTSBURG 2 SE	8.92		5.95		1.98		3.02		4.28		1.77		2.53		7.54		9.23		5.28		2.86		1.46		57.84			
FREDRICK POLICE BRKS	7.16		4.61		1.97		2.20		5.41		2.66		1.78		5.66		8.16		6.60		1.94		1.11		49.26			
FREDRICK 3 E	7.08		4.20		2.41		2.28		5.18		3.71		4.22		3.98		7.73		6.81		2.38		1.09		54.47			
PARKTON 2 SW	6.97		4.44		3.15		3.31		5.23		5.36		5.71		8.65		11.12		7.28		2.60		1.09		63.11			
POTOMAC FILTER PLANT	6.73		5.52		2.79		1.9																					

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE  
1979

TABLE 2

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																												
MIDDLETOWN 1 MSW	7.61		5.70	2.36	2.36		3.64		3.03		4.22		4.89		4.34		7.22		3.43		3.63		1.37				51.44	
NEWARK UNIVERSITY FARM	8.86	5.99	5.63	3.01	2.04	1.96	3.66	.33	4.22	.54	3.06	.34	2.10	2.56	6.88	2.75	6.76	3.44	3.89	1.09	3.69	.32	1.51	1.80		52.34	11.20	
WILMINGTON WSD AP	7.61	4.74	7.02	4.27	2.61	1.13	4.03	.83	3.10	.25	4.01	.77	4.76	.45	6.11	2.13	5.94	2.52	3.45	.85	3.23	.26	1.44	1.88		53.31	13.06	
WILMINGTON PORTER RESVR	8.45	5.46	7.02	4.31	3.12	.69	5.50	1.86	3.45	.25	4.02	1.30	2.73	1.93	6.11	1.63	7.01	3.67	3.56	.74	3.88	.04	1.73	1.70		57.40	14.41	
DIVISION																												
	8.13	5.22	6.34	3.65	2.54	1.13	4.21	.86	3.45	.09	4.03	.68	3.62	.70	5.86	1.70	6.74	3.44	3.59	.78	3.61	.10	1.51	1.84		53.63	12.67	
* * *																												
SOUTHERN 02																												
BRIDGEVILLE 1 NW																												
	7.88	4.77	7.42	4.61	3.42	.50	3.14	.14	3.94	.62	4.04	1.12	4.11	.92	11.39	6.53	5.98	2.52	4.60	1.63	3.84	.66	1.54	1.87		62.10	19.03	
DOVER																												
	7.67	4.59	6.21	3.48	3.12	.68	3.53	.34	3.66	.05	5.68	2.34	3.88	.11	5.41	.62	5.08	1.49	5.20	2.14	3.32	.28	1.69	1.73		54.45	12.15	
GEORGETOWN 5 SW																												
	6.78		5.41	4.71	4.71		3.31	3.90		6.25		2.69		5.61		4.90		3.17		4.56		1.74				53.03		
LEWES 1 SW																												
	7.58		6.84	5.58	5.58		3.68	5.75		3.96		2.55		6.50		4.48		3.01		5.25		1.61				56.83		
MILFORD 2 MSW																												
	7.52		7.44	3.59	3.59		3.30	4.27		4.05		4.74		7.74		5.41		4.54		3.75		1.66				58.01		
DIVISION																												
	7.49	4.18	6.66	3.70	4.08	.06	3.39	.13	4.30	.83	4.96	1.30	3.59	.98	7.33	2.51	5.17	1.61	4.10	.99	4.15	.66	1.65	1.91		56.87	13.08	

See Reference Notes Following Station Index



# TEMPERATURE EXTREMES AND FREEZE DATA

MARYLAND AND DELAWARE  
1979

Table 3

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.	Date	Temp.	Date	Temp.	Date	Temp.													
MARYLAND																																							
* * *																																							
STATE EXTREMES																																							
BALTIMORE WSO CI	98	8-8	8																																				
UNIONVILLE				-20	2-13																																		
DELAWARE																																							
* * *																																							
NORTHERN 01																																							
MIDDLETOWN 1 WSW	92	8-2*	-15	2-14	2-21	10	3-16	19	3-16	19	3-28	28	4-11	32	10-10	32	11-17	28	12-1	23	12-19	20	NONE																
NEWARK UNIVERSITY FARM	94	8-1	-8	2-14	2-21	16	3-16	17	3-16	17	3-28	26	4-11	29	10-26	32	11-30	23	11-30	23	12-18	18	NONE																
WILMINGTON WSO AP	94	8-10	-6	2-18	3-16	16	3-16	16	3-16	16	4-8	27	4-11	30	11-8	30	11-29	28	11-30	24	12-17	19	NONE																
WILMINGTON PORTER RESVR	91	7-13	-5	2-18	3-16	15	3-16	15	3-16	15	4-8	27	4-12	32	10-18	31	11-30	24	11-30	24	12-18	19	NONE																
* * *																																							
SOUTHERN 02																																							
BRIDGEVILLE 1 NW	93	8-10*	-6	2-14	2-21	13	3-16	20	3-16	20	3-28	28	4-11	32	10-27	30	11-30	25	12-1	22	12-17	20	NONE																
DOVER	92	8-10*	-1	2-18	2-20	6	3-16	20	3-16	20	3-28	28	4-11	32	10-10	32	11-30	24	11-30	24	12-18	20	NONE																
GEORGETOWN 5 SW	94	8-12*	-8	2-11	2-21	10	3-16	20	3-20	24	3-28	28	4-11	30	10-18	30	11-30	23	11-30	23	12-1	19	NONE																
LEWES 1 SW	95	8-10	0	2-10	2-20	8	2-20	8	3-16	22	3-19	27	4-13	32	11-18	30	11-30	23	11-30	23	12-18	20	NONE																
MILFORD 2 WSW	94	8-10*	-4	2-14*	2-21	16	3-16	17	3-16	17	4-8	28	4-11	30	10-10	32	11-30	24	11-30	24	12-1	20	NONE																
* * *																																							
STATE EXTREMES																																							
LEWES 1 SW	95	8-10	0																																				
MIDDLETOWN 1 WSW				-15	2-14																																		

See Reference Notes Following Station Index

# TOTAL EVAPORATION AND WIND MOVEMENT

MARYLAND AND DELAWARE  
1979

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
MARYLAND														
* * * UPPER SOUTHERN 04														
BELTSVILLE	EVAP	-	-	-	3.87B	4.42B	5.36B	5.03B	5.26B	4.02B	3.16B	-	-	-
	DEP	-	-	-	-	1.41	1.23	2.45	.97	.63	.14	-	-	-
	WIND	-	-	-	2283B	774	730	606	-	692	939	-	-	-
	MAX	-	-	-	65.6	82.6	86.8	91.1	90.3	83.9	66.9	-	-	-
	MIN	-	-	-	45.1	57.8	61.4	68.5	68.4	61.4	47.4	-	-	-
UPPER MARLBORO 3 NNW	EVAP	-	-	-	3.55B	4.84B	5.11	5.11	5.69B	3.77B	2.69B	-	-	-
	WIND	-	-	-	1320B	863	536	549	572	456	555	-	-	-
	MAX	-	-	-	64.8	80.1	85.6	89.4	89.9	82.2	65.0	-	-	-
	MIN	-	-	-	45.9	55.3	60.4	66.6	67.1	59.1	46.1	-	-	-
* * * ALLEGHENY PLATEAU 08														
SAVAGE RIVER DAM	EVAP	-	-	-	-	5.12B	4.94B	4.52B	3.92	3.96B	2.18B	-	-	-
	WIND	-	-	-	-	1105B	1030	-	1169B	1128	1141	-	-	-
	MAX	-	-	-	-	72.5	81.0	81.1	80.6	74.2	57.1	-	-	-
	MIN	-	-	-	-	46.9	55.2	61.8	60.6	55.4	43.1	-	-	-
DELAWARE														
* * * NORTHERN 01														
NEWARK UNIVERSITY FARM	EVAP	-	-	-	-	4.77B	4.81	5.37	5.14B	4.11B	-	-	-	-
	WIND	-	-	-	-	703	505	479	485	496	-	-	-	-
	MAX	-	-	-	-	79.9	86.8	90.5	90.3	82.8	-	-	-	-
	MIN	-	-	-	-	67.5	73.1	78.4	-	-	-	-	-	-
* * * SOUTHERN 02														
GEORGETOWN S. SW	EVAP	-	-	-	4.84B	6.65B	7.15B	6.63B	6.61B	4.49B	4.13	-	-	-
	WIND	-	-	-	2573	2644	1876	1673	1759	1762	2163	-	-	-

See Reference Notes Following Station Index



# STATION INDEX

MARYLAND AND DELAWARE  
1979

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	54	54				1 2 3 C
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL		138 59	76 30	25	21	21				1 2 3
ASSATEAGUE STATE PARK	0335	01	WORCESTER		238 14	75 08	7	12	12				1 2 3
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL		339 11	76 40	196	45	45				1 2 3 C
BALTIMORE WSO CI	0470	06	BALTO CITY		339 17	76 37	91	109	109				1 2 3 C
BELTSVILLE	0700	04	PRN GEORGES		539 02	76 53	120	42	42	39			1 2 3 4 C
BENSON POLICE BARRACKS	0732	06	HARFORD		139 30	76 23	365	32	32				1 2 3
BOYDS 2 NW	1032	06	MONTGOMERY		539 13	77 20	580	27	27				1 2 3
BRIGHTON DAM	1125	06	MONTGOMERY		439 12	77 01	330		34				2
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER		138 34	76 04	5	85	85				1 2 3
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK		539 39	77 29	1610	13	13				1 2 3 C
CENTREVILLE	1627	05	QUEEN ANNES		139 03	76 04	20	27	27		JAN	OCT	1 2 3
CHESTERTOWN	1750	05	KENT		139 13	76 04	40	74	74				1 2 3
CLARKSVILLE 3 NNE	1862	06	HOWARD		439 15	76 56	365	13	13				1 2 3
COLLEGE PARK	1995	04	PRN GEORGES		538 59	76 57	90	93	93				1 2 3 C
CONOWINGO DAM	2060	06	HARFORD		639 39	76 10	40	44	44				1 2 3
CRISFIELD SOMERS COVE	2215	01	SOMERSET		137 59	75 52	8	17	17				1 2 3
CUMBERLAND 2	2282	07	ALLEGANY		539 38	78 45	700	7	7				1 2 3
DAMASCUS 2 SW	2335	06	MONTGOMERY		539 16	77 14	720	7	7				1 2 3
DENTON 1 S	2523	02	CAROLINE		138 53	75 50	20	28	28				1 2 3
EDGEMONT	2770	07	WASHINGTON		539 40	77 33	905		41				2
EMMITSBURG 2 SE	2906	06	FREDERICK		539 41	77 18	416	24	24				1 2 3
FEDERALSBURG	3090	02	CAROLINE		138 41	75 46	120						1 2 3 C
FREDRICK POLICE BRKS	3348	06	FREDERICK		539 25	77 26	380	7	7				1 2 3
FREDERICK 3 E	3355	06	FREDERICK		539 24	77 22	385		31				2
FROSTBURG 2	3419	07	ALLEGANY		539 40	78 56	2170	8	8				1 2 3
GLENN DALE BELL STA	3675	04	PRN GEORGES		438 58	76 48	150	59	59				1 2 3
HAGERSTOWN	3975	07	WASHINGTON		539 39	77 44	660	38	38				1 2 3
HANCOCK FRUIT LAB	4030	07	WASHINGTON		539 42	78 11	428	46	46				1 2 3 C
LA PLATA 1 W	5080	03	CHARLES		538 32	77 00	140	65	65				1 2 3
LAUREL 3 W	5111	04	PRN GEORGES		439 06	76 54	400	89	89				1 2 3
MC HENRY 2 NW	5832	08	GARRETT		739 35	79 22	2680	9	9				1 2 3 C
MECHANICSVILLE 1 SE	5865	03	ST MARYS		438 26	76 43	160	18	18				1 2 3
MERRILL	5894	08	GARRETT		539 36	79 05	1790		28				2
MILLINGTON	5985	05	KENT		139 16	75 51	30	82	82				1 2 3
NEW GERMANY 2	6410	08	GARRETT		539 37	79 08	2480						1 2 3 C
OAKLAND 1 SE	6620	08	GARRETT		739 24	79 24	2420	82	82				1 2 3
OWINGS FERRY LANDING	6770	03	CALVERT		438 41	76 40	160	63	63				1 2 3
PARKTON 2 SW	6844	06	BALTIMORE		139 38	76 42	600	27	27				1 2 3 C
PATUXENT RIVER	6915	03	ST MARY'S		438 20	76 25	38	4	4				1 2 3 C
PERRY POINT	6980	06	CECIL		139 33	76 04	40						1 2 3 C
POCOMOKE CITY	7140	01	WORCESTER		138 04	75 33	20	31	31		MAY	SEP	1 2 3
POTOMAC FILTER PLANT	7272	06	MONTGOMERY		539 02	77 15	270		18				2
PRINCESS ANNE	7330	01	SOMERSET		138 13	75 41	20	31	31				1 2 3
ROCKVILLE 3 NE	7705	06	MONTGOMERY		539 07	77 06	400	32	32				1 2 3
ROYAL OAK 2 SSW	7806	02	TALBOT		138 43	76 11	10	32	32				1 2 3
SALISBURY	8000	01	WICOMICO		138 22	75 35	10	73	73				1 2 3
SALISBURY FAA AP	8009	01	WICOMICO		138 20	75 31	48	32	32				1 2 3
SAVAGE RIVER DAM	8069	08	GARRETT		539 31	79 08	1495	29	32	29			1 2 3 4 C
SINES DEEP CREEK	8315	08	GARRETT		739 32	79 25	2040						1 2 3 C
SNOW HILL 4 N	8380	01	WORCESTER		138 14	75 23	28	64	64				1 2 3
SOLOMONS	8405	03	CALVERT		138 19	76 27	12	88	88				1 2 3
TOWSON	8877	06	BALTIMORE		339 23	76 34	390	42	67				1 2 3
UNIONVILLE	9030	06	FREDERICK		539 27	77 11	430	40	38				1 2 3 C
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES		438 52	76 47	98	24	24	24			1 2 3 4
VIENNA	9140	02	DORCHESTER		138 29	75 50	12	31	31				1 2 3
WESTMINSTER 2 SSE	9435	06	CARROLL		139 33	76 59	860	70	70				1 2 3
WESTMINSTER POLICE BRK	9440	06	CARROLL		139 33	76 58	765	1	1		FEB	FEB	1 2 3
WOODSTOCK	9750	06	BALTIMORE		339 20	76 52	460	110	110				1 2 3
DISTRICT OF COLUMBIA													
DALECARLIA RESVR D C	2325	04			538 56	77 07	146	34	34				1 2 3
NATIONAL ARBORETUM D C	6350	04			538 54	76 59	50	33	33				1 2 3
DELAWARE													
BRIDGEVILLE 1 NW	1330	02	SUSSEX		138 45	75 37	50	89	89				1 2 3
DOVER	2730	02	KENT		239 09	75 31	30	92	91				1 2 3
GEORGETOWN 5 SW	3570	02	SUSSEX		138 38	75 27	45	34	34	26			1 2 3 4 C
LEWES 1 SW	5320	02	SUSSEX		238 46	75 09	20	35	35				1 2 3
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE		239 26	75 45	60	28	28				1 2 3
MILFORD 2 WSW	5915	02	SUSSEX		238 54	75 28	30	84	84				1 2 3
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE		239 40	75 44	90	67	67	23			1 2 3 4 C
WILMINGTON WSO AP	9595	01	NEW CASTLE		239 40	75 36	79	32	32				1 2 3 C
WILMGTN PORTER RESVR	9605	01	NEW CASTLE		239 46	75 32	274	68	68				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:

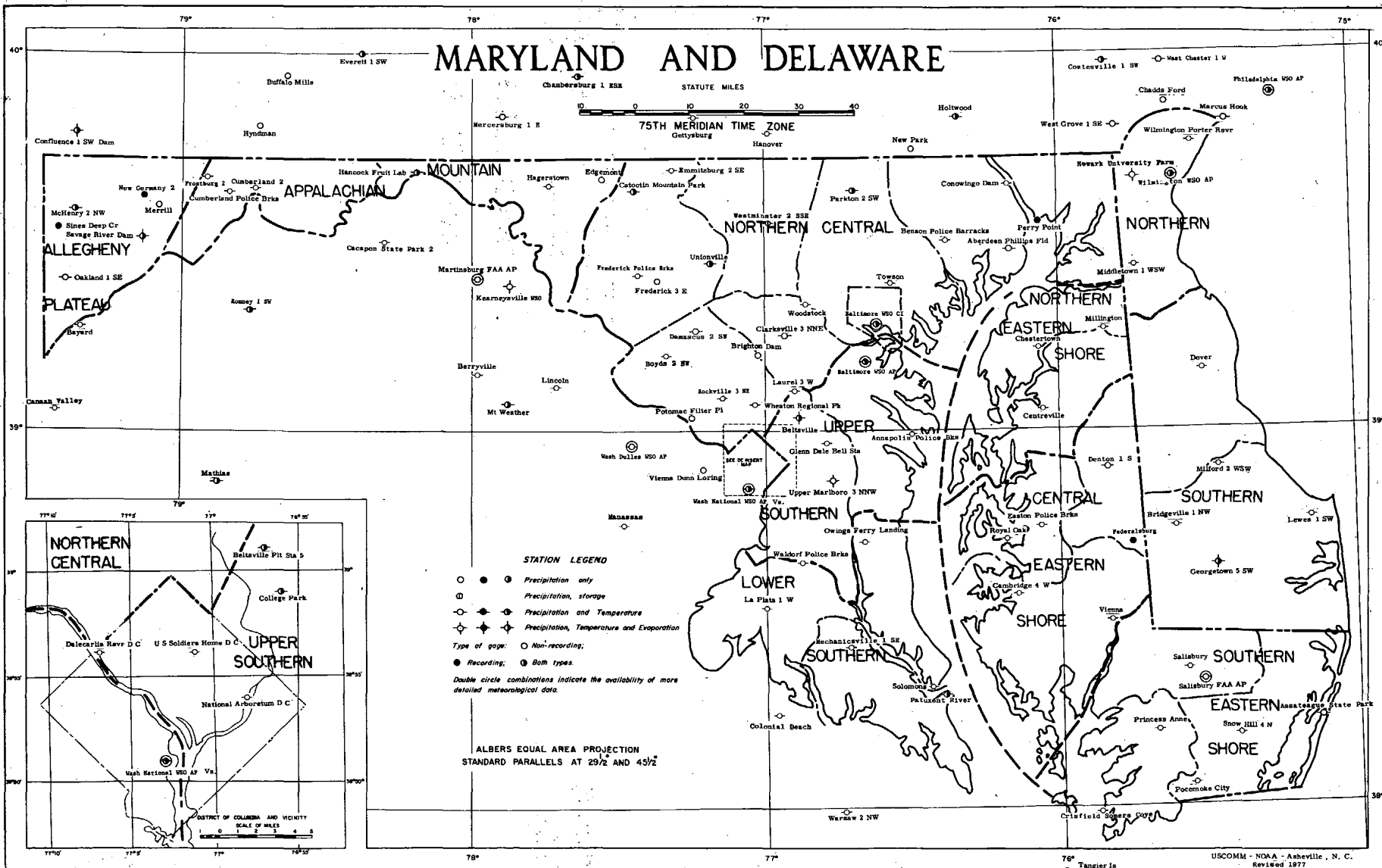
- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHIOGHENY
- 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 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45c single copy; \$1.00 foreign; 45c annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 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, N.C. 28801  
ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1980-1040



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

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE  
COM 210



THIRD CLASS  
BULK RATE