



CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICEMARYLAND AND
DELAWARE
ANNUAL SUMMARY 1970
Volume 74 No. 13

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

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																										
SOUTHERN EASTERN SHORE 01																										
ASSATEAGUE STATE PARK	29.9		37.4		41.4		52.4		63.6		70.7		72.6		77.3		72.8		63.3		50.6		40.6		56.1	
CRISFIELD SOMERS COVE	30.6	- 8.7	37.8	- 2.1	42.9	- 3.6	54.8	- 2.1	66.6	- 3.3	73.9	- 1.4	77.3	- 2.1	78.0		73.9	1.3	62.7	.5	51.2		41.8	.6	57.6	- 1.5
POCOMOKE CITY 1 S	29.5		37.4		41.2		53.4		65.6		71.6				75.3		71.8									
PRINCESS ANNE	28.8		37.3		40.7		54.1		65.3		72.9		75.7		75.6		72.0		61.2		49.6		38.9		56.0	
SALISBURY	30.5		38.8		42.5		55.3		66.4		73.3		78.5		76.6		73.1		62.0		50.8		40.2		57.2	
SALISBURY FAA AIRPORT	28.6		35.6		40.2		53.1		64.5		71.4		75.5		75.0		70.9		60.4		48.7		37.4		55.1	
SNOW HILL 4 N	28.8	- 9.3	37.4	- 1.3	41.0	- 3.7	52.9	- 1.3	64.2	- 1.1	71.3	- 1.3	73.9	- 2.8	74.7	- .5	71.0	1.8	60.5	1.7	49.5	1.1	38.8	- .5	55.3	- 1.4
DIVISION	29.5	- 8.8	37.4	- 1.4	41.4	- 3.6	53.7	- 1.1	65.2	- .6	72.2	- .9	75.3	- 2.0	76.1	- 2.2	72.2	2.2	61.7	2.1	50.1	1.0	39.6	.0	56.2	- 1.0
CENTRAL EASTERN SHORE 02																										
BLACKWATER REFUGE	30.2		36.9		41.7		54.9		66.8		74.0		78.0		77.5		74.0		62.3		50.2		39.6		57.2	
CAMBRIDGE 4 W	29.0		35.4		40.6		53.4		65.7		72.8		75.9		76.5		72.8		62.0		49.4		38.7		56.1	
DENTON 1 NW	26.9		35.0		39.5		52.1		64.7		71.8		75.1		76.2		71.8		61.3		48.6		37.8		55.2	
EASTON POLICE BARRACKS	29.9	- 6.7	36.4	- 8.1	41.6	- 2.7	54.0	- .6	66.5	1.9	73.3	.1	77.3	.0	76.6		73.5	4.3	62.2	3.9	49.9	2.0				
PRESTON 1 S	28.6		36.4		40.8		53.1		65.5		72.5		76.5		76.1		72.4		61.4		49.2		38.6		55.9	
ROYAL OAK	29.3		36.0		41.3		53.9		66.8		74.2		77.2		76.8		73.5		62.9		49.9		39.4		56.8	
VIENNA	30.1		38.1		42.7		54.9		67.7		74.7		78.2		78.2		74.0		63.0		50.6		40.0		57.7	
DIVISION	29.1	- 7.8	36.3	- 1.1	41.2	- 3.1	53.8	- 1.0	66.3	1.5	73.3	.1	77.2	.0	76.8	1.1	73.2	3.7	62.2	3.4	49.7	1.4	39.0	.7	56.5	- .1
LOWER SOUTHERN 03																										
CHARLOTTE HALL 2 SE	28.9		35.3		41.7		55.6		67.6		73.6		77.9		76.2		73.2		61.6		49.5		38.8		56.7	
LA PLATA 1 W	29.1		36.3		41.7		54.8		66.5		72.4		76.0		75.2		72.9		61.3		48.0		38.9		56.1	
LEONARDTOWN 3 NW	28.9	- 8.1	36.0	- 1.6	40.9	- 3.7	54.6	- 1.0	66.9	1.8	73.5	- .8	77.7	- 7.7	75.7		73.6	3.4	62.2	2.6	48.9	- 2.2	38.3	.0	55.9	- .6
WINGS FERRY LANDING	28.8		36.1		40.8		53.5		66.1		72.3		75.7		75.6		72.2		60.8		48.2		38.4		55.7	
SOLDMONS	30.9	- 7.6	37.9	- 1.1	41.9	- 3.4	53.8	- 1.7	67.9	1.9	75.4	.8	78.2	- .6	79.0	1.2	75.3	3.2	63.3	2.1	49.3	- 1.1	40.4	.1	57.8	- .5
WALDORF POLICE BRKS	29.1		36.8		42.2		54.7		66.8		72.3		76.4		75.0		72.3		61.7		48.9		37.7		56.7	
DIVISION	29.3	- 8.0	36.4	- 1.6	41.6	- 3.2	54.5	- .7	66.9	2.0	73.1	.0	76.9	- 2.2	76.1	.6	73.1	3.7	61.7	2.9	48.7	- 1.4	39.0	.5	56.4	- .3
UPPER SOUTHERN 04																										
ANNAPOLIS	28.7	- 7.4	35.9	- .5	-	-	-	-	-	-	-	-	-	-	-	-	73.7	3.8	62.6	3.4	49.4	1.1	39.7	1.6	-	-
BALTIMORE WSO	27.8	- 7.0	35.4	- .3	40.4	- 2.7	53.3	- .9	66.6	2.2	73.0	.5	77.2	.4	77.4	2.4	73.7	5.6	61.5	4.5	48.6	3.1	38.2	2.4	56.1	.9
BELTSVILLE	25.2		33.7		38.0		51.0		64.3		70.5		75.2		74.5		70.3		58.5		46.2		36.2		53.6	
BELTSVILLE PLANT STA 5	26.1		34.1		38.7		51.6		64.9		71.2		75.3		75.1		70.7		59.0		46.2		37.1		54.6	
COLLEGE PARK	29.3	- 6.7	36.3	- .5	41.3	- 2.7	54.5	- .1	67.0	3.0	73.6	.9	78.0	1.2	77.2	2.1	73.2	4.6	61.5	3.9	47.7	1.1	38.4	1.4	56.0	.7
DALECARLIA RESVR D C	28.0		36.3		41.2		55.3		67.3		73.9		77.5		77.0		72.9		61.0		47.3		38.4		56.4	
FORT GEORGE 0 NEADE	27.8		35.8		40.4		53.3		66.3		71.7		75.3		75.2		71.1		59.0		46.3		36.4		54.9	
GLENN DALE BELL STA	27.7	- 7.4	35.1	- .8	40.3	- 2.9	52.6	- 1.1	65.2	2.4	72.0	.0	75.5	- .4	75.3	1.0	71.5	3.7	60.3	3.5	47.2	1.3	37.3	1.3	55.1	- .1
LAUREL 3 W	28.7		35.8		40.8		53.8		67.3		73.3		77.0		77.3		73.8		61.7		48.5		37.7		56.3	
NATIONAL ARBORETUM D C	29.7		37.0		42.3		54.9		67.7		73.5		76.9		77.0		74.3		61.9		48.5		39.2		56.9	
SUITLEND	27.7		34.9		39.5		52.1		65.7		71.7		76.1		75.7		72.7		60.0		47.4		37.6		55.1	
U. S. SOLDIERS HOME DC	29.3		35.8		41.2		54.5		67.3		73.5		77.4		77.6		74.1		61.5		48.7		39.2		56.7	
UPPER MARLBORO 3 NW	27.2		35.2		38.8		51.9		65.6		71.6		75.7		74.9		71.3		59.4		47.2		37.0		54.7	
DIVISION	27.9	- 7.7	35.5	- .8	40.2	- 3.2	53.2	- .8	66.5	2.3	72.5	.0	76.5	- 2.2	76.2	1.1	72.6	4.1	60.6	2.9	47.7	1.0	37.9	1.0	55.6	.0
NORTHERN EASTERN SHORE 05																										
CENTREVILLE	28.4		35.6		40.3		53.0		66.0		72.1		76.2		75.6		71.9		60.7		48.6		37.8		55.5	
CHESTERDAN	27.8		34.9		39.7		52.4		65.0		71.8		76.2		75.7		72.2		60.8		47.2		38.7		56.0	
COLEMAN 3 NW	28.6	- 7.5	36.0	- 1.1	40.2	- 1.0	52.6	- 1.8	66.3	2.8	72.8	- .3	76.8	- 7.7	77.4	1.4	73.4	3.4	62.2	2.1	48.7	- 1.7	38.1	.8	55.9	.0
EASTERN NECK ISLAND	28.6		36.5		40.8		53.1		66.7		73.6		77.4		77.4		73.9		62.6		49.7		38.8		56.6	
MILLINGTON	25.8	- 9.6	34.5	- 1.5	39.2	- 4.2	51.6	- 2.4	64.7	.8	70.8	- 1.4	75.6	- .8	75.2	- .9	71.5	2.9	59.7	1.9	46.9	- 2.2	35.4	- 1.4	54.2	- 1.3
DIVISION	27.7	- 7.8	35.5	- .6	40.0	- 2.8	52.5	- 1.5	65.7	1.5	72.1	- .7	76.4	- .8	76.3	.8	72.6	3.3	61.0	2.4	48.2	- .6	37.4	.1	55.5	- .4
NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FLD	25.6		33.6		39.3		52.9		65.9		72.3				75.4		71.9		60.1							
BALTIMORE CITY MSO	30.5	- 6.8	37.1	- 4.2	41.1	- 2.6	55.6	- 1.9	69.5	3.4	75.7	1.0	79.8		79.9	2.6	75.7	5.1	63.0	3.0	50.1	1.3	39.7	.7	58.2	.6
GEORGE MEADE POLICE BARRACKS	26.9		34.0		39.2		53.9		66.7		71.4		75.9		75.3		71.3		60.2		48.7		38.3		56.5	
BOYDS 2 NW	26.1		33.3		39.0		53.2		65.9		70.7		74.3		74.3		70.9		60.7		46.5		36.4		54.2	
CATOCTIN MOUNTAIN PARK	20.7		28.5		34.5		49.2		63.4		68.3		71.5		71.8		67.5		55.4		44.3		32.4		50.6	
CLARKSVILLE 3 NNE	24.3		33.1		38.6		50.7		63.7		70.7		74.2		73.5		69.5		58.6		46.1		35.2		53.3	
CROWNING DAM	23.9		31.6		37.4		50.9		64.6		70.1		73.7		74.9		70.3		59.0		46.2		34.6		53.3	
ELKTON	25.3	- 8.5	33.9	- .7	38.5	- 3.5	51.9	- .9	63.9	.6	70.3	- 1.2	74.6	- 1.6	73.8	- .7	69.9	2.1	58.4	1.9	46.7	1.3	35.8	.5	53.6	- .9
EMMITSBURG 2 SE	22.8		31.5		36.5		50.9		63.2		69.1		73.4		72.3		68.5		56.9		45.0		33.8		52.0	
FREDERICK WFO	25.5	- 7.4	33.6	- .1	-	-	50.0		63.4		69.1		74.8	- .8	74.4	- .9	70.3	3.5	58.5	3.0	45.7	1.5	-	-	-	-
PARKTON 2 SW	23.2		30.4		35.8		50.1		62.7		68.1		73.1		72.3		68.2		57.3		44.6		33.5		51.6	
TOWSON 4 NE	26.9		34.1		38.9		52.0		65.1		71.2		74.2		74.2		69.7		57.5		45.1		35.8		54.5	
UNIONVILLE	22.7		31.7		36.4		50.9		64.0		69.6		73.5		73.5		68.3		57.3		44.1		33.7		52.0	
WESTMINSTER 2 SSE	23.9	- 9.2	31.8	- 2.1	36.4	- 4.9	51.5	- .8	63.8	1.3	69.6	- 1.1	73.7	- 1.2	73.5	- .3	69.1	2.6	57.7	2.0	44.9	- 2.3	33.9	- .5	52.5	- 1.1
WHEATON REGIONAL PARK	26.0		34.4		38.8		52.6		66.0		70.9		75.0		74.1		69.0		58.4		46.6		36.2		54.0	
WOODSTOCK																										

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE
1970

Table 1-Continued

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
ALLEGHENY PLATEAU 08																										
BITTINGER 2 NW	19.3		25.0		30.7		47.2		59.2		63.3M		66.6		65.7		63.2		51.1		39.4		29.4		46.7M	
DAKLAND 1 SE	21.3	- 7.9	27.6	- 2.2	32.3	- 3.8	46.2	1.0	59.7	2.8	64.2	- .7	67.0	- 1.0	66.8	- .2	63.9	3.1	52.6	2.0	40.7	1.4	31.3	1.1	48.0	.3
SAVAGE RIVER DAM	21.9		27.1		33.4		49.4		61.9		66.2		69.7		69.3		66.1		54.0		41.6		32.3		49.4	
DIVISION	20.8	- 7.5	26.6	- 2.1	32.1	- 3.0	48.3	1.7	60.3	3.7	64.6	.0	67.8	- .1	67.3	.7	64.4	4.2	52.6	2.6	40.6	2.0	31.0	1.6	48.0	.3
DELAWARE																										
NORTHERN 01																										
MIDDLETOWN 1 WSW	26.8		34.9		39.9		52.4		65.1		72.3M		75.6		75.9		72.2		60.4		48.2		37.1		55.1M	
NEWARK UNIVERSITY FARM	25.6		34.4		38.9		52.0		65.3		71.2		74.9		74.9		70.5		59.1		47.5		36.3		54.2	
WILMINGTON CASTLE WSO	24.5	- 8.9	33.5	- .3	38.9	- 2.4	51.9	.2	64.8	2.1	71.7	.3	76.6	.6	76.7	2.4	72.1	4.5	60.4	3.8	48.5	3.1	35.9	.8	54.6	.3
WILMINGTON PORTER RESVR	22.7		31.7		36.8		50.2		63.3		69.7		74.4		73.8		69.4		57.8		46.5		34.2		52.5	
DIVISION	24.9	- 9.0	33.6	- .7	38.6	- 3.1	51.6	.7	64.6	1.7	71.2	.3	75.4	.6	75.3	1.0	71.1	3.1	59.4	2.2	47.7	1.7	35.9	.3	54.1	.4
SOUTHERN 02																										
BRIDGEVILLE 1 NW	26.9	- 9.6	35.6	- 1.5	39.7	- 3.9	52.5	- 1.1	63.7	.0	71.6	- .6	75.8	- .4	75.0	.5	71.6	3.2	60.6	2.6	49.1	1.6	37.9	.1	55.0	.8
DOVER	28.2	- 8.2	35.7	- 1.1	40.2	- 3.5	53.4	- .7	65.3	.9	72.2	- .7	75.8	- 1.3	76.5	1.1	72.3	2.9	59.9	1.2	49.0	1.1	38.6	.7	55.6	.6
GEORGETOWN 5 SW	26.2		35.2		39.2		52.3		63.4		71.1		75.1		75.0		71.3		59.3		47.8		36.7		54.4	
LEWES 1 SW	28.4		36.4		39.9		51.8		63.4		70.9		74.6		75.2		72.0		60.4		49.3		38.5		55.1	
MILFORD 2 WSW	28.5M		36.7		40.9		53.6		64.9		72.3		76.0		75.9		73.1		60.6		49.1		38.3		55.8M	
SELBYVILLE	29.2		37.6		41.3		53.7		65.0		71.5		75.3		-		-		-		-		-		-	
DIVISION	27.9	- 8.9	36.2	- 1.0	40.2	- 3.6	52.9	.8	64.3	.4	71.6	.8	75.4	- 1.2	75.5	.6	72.1	3.2	60.2	1.8	48.9	1.0	38.0	.1	55.3	.8

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER WAS PUBLISHED IN ALL 1970 MONTHLY ISSUES OF THIS BULLETIN EXCEPT FOR FEBRUARY, JULY, AND NOVEMBER.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE
1970

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																										
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SOUTHERN EASTERN SHORE 01																										
ASSATEAGUE STATE PARK	2.64		3.07		3.88		2.99		3.25		2.70		5.73		1.04		1.97		2.10		2.75		2.95		35.07	
CRISFIELD SOMERS COVE	1.90	1.60	2.71	.44	3.36	.65	3.97	.31	2.12	1.57	2.02	1.29	5.47	.42	.69	4.36	1.42	2.41	1.28	2.09	2.44	.80	2.78	1.14	30.22	14.62
POCONO CITY 1 S	1.10		2.61		4.58		5.10		5.34		4.24		5.84		1.02		1.29		2.66		2.65		3.05		36.78	
PRINCESS ANNE	2.21		2.54		2.92		5.30		3.55		3.75		5.84		1.02		1.29		2.66		2.65		3.05		36.78	
SALISBURY	2.31	1.35	2.60	.01	4.38	.25	4.04	1.30	2.53	1.09	3.26	.23	5.90	1.51	5.64	.37	1.41	3.03	2.79	.71	2.28	.93	3.72	.59	41.46	4.67
SALISBURY FAA AIRPORT	2.61		2.80		4.09		4.22		3.01		3.99		6.57		4.84		2.25		5.02		2.80		3.61		45.81	
SNOW HILL 4 N	2.58	1.36	3.15	.28	3.79	.83	3.81	.20	2.55	1.06	2.39	1.41	4.64	.48	.84	4.83	1.69	2.81	1.99	1.92	2.02	1.53	3.38	.03	32.83	16.34
DIVISION	2.20	1.43	2.78	.41	3.86	.26	4.00	.59	3.19	.33	3.19	.26	5.69	.88	2.35	3.08	1.61	2.62	2.64	.89	2.49	.82	3.25	.13	37.25	8.52
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CENTRAL EASTERN SHORE 02																										
BLACKWATER REFUGE	1.81		1.69		3.91		3.69		2.36		2.09		5.18		1.54		2.38		1.86		3.19		4.48		34.18	
CAMBRIDGE 4 W	2.41		2.69		4.45		3.15		3.47		5.69		4.36		2.25		2.18		2.21		3.75		3.66		40.27	
DENTON 1 NNW	1.34		1.84		3.80		4.46		3.58		5.85		6.29		1.01		.91		1.33		4.13		3.73		37.83	
EASTON POLICE BARRACKS	1.73	1.74	2.55	.40	4.22	.27	3.69	.21	3.81	.07	3.17	.19	5.00	.26	2.13	2.90	1.15	2.80	2.58	.60	4.13	.60E	3.48	.33E	37.64	7.01
PRESTON 1 S	1.76		2.31		4.35		3.50		3.54		5.22		3.69		1.98		1.06		1.66		3.40		3.40		35.71	
ROYAL DAK	2.01		2.64		4.60		3.84		3.22		2.75		8.09		2.98		1.21		1.76		3.34		3.38		39.82	
VIENNA	2.17		2.03		4.93		3.80		2.49		6.74		4.18		5.91		3.93		1.25		2.75		3.89		43.47	
DIVISION	1.89	1.65	2.25	.66	4.24	.34	3.73	.33	3.21	.74	4.30	.98	5.26	.41	2.54	2.64	1.83	2.25	1.81	1.42	3.50	.04	3.65	.92	38.41	6.82
* * *																										
LOWER SOUTHERN 03																										
CHARLOTTE HALL 2 SE	1.10		2.64		3.78		4.65		2.98		2.02		5.86		3.22		2.10		1.94		5.53		3.41		39.23	
LA PLATA 1 W	1.49		2.92		3.80		5.07		2.47		2.87		5.88		3.22		1.76		2.49		6.53		3.49		41.16	
LEONARDTOWN 3 NW	2.81		2.98		3.80		3.81		1.61		1.83		4.89		1.75		2.49		2.49		4.99		3.51		36.86	
OWINGS FERRY LANDING	1.18	2.30	2.80	.18	3.56	.05	3.99	.51	2.67	1.43	2.10	1.16	3.60	.67	2.45	2.86	1.27	2.90	2.36	.93	3.08	.15	3.77	.72	32.81	10.94
PRINCE FREDERICK 1 N	1.66		3.08		3.53		4.54		4.89		2.44		3.94		2.12		2.81		1.79		4.09		3.75		39.25	
SOLDONDS	1.48	2.07	3.21	.43	4.34	.73	3.64	.14	1.66	2.10	3.03	.42	6.23	.66	1.52	3.48	2.97	.62	1.84	1.27	3.86	.53	3.29	.32	37.07	7.15
WALDORF POLICE BRKS	1.52		3.10		4.26		4.90		4.18		4.29		4.26		4.02		1.55		1.88		6.18		3.66		43.81	
DIVISION	1.61	1.96	2.96	.19	3.84	.18	4.37	.87	2.92	1.01	2.62	.88	4.95	.06	2.49	2.78	2.13	1.82	2.14	1.23	4.98	1.75	3.55	.45	38.56	6.30
* * *																										
UPPER SOUTHERN 04																										
ANNAPOLIS	1.25	1.89	2.79	.22													1.21	2.25	2.46	.17	4.47	1.69	3.00	.15		
BALTIMORE WSO	.94	2.49	3.34	.45	3.07	.75	4.53	.93	1.69	2.29	4.10	.81	4.32	.10	1.33	3.86	1.46	2.87	3.04	.14	5.11	1.98	3.50	.51	35.43	7.62
BELTSVILLE	.99		2.17		2.84		4.58		2.92		2.79		6.20		3.43		1.52		3.19		5.31		3.10		39.04	
BELTSVILLE PLANT STA 5	1.13		2.74		3.06		5.78		2.60		3.80		5.88		1.47		1.26		3.13		5.21		3.04		37.82	
COLLEGE PARK	1.09	2.16	2.72	.02	2.89	.84	5.17	1.78	4.62	.41	3.86	.05	6.73	2.59	1.38	3.77	1.05	2.75	3.16	.00	5.93	2.84E	2.98	.06E	41.58	1.89
DALECARLIA RESVR D C	1.32		3.40		2.99		5.94		1.79		3.06		6.37		1.32		1.00		3.91		6.03		4.36		41.49	
FORT GEORGE G HEADE	.90		3.03		3.51		4.83		3.14		4.81		4.27		1.67		.68		3.15		5.82		3.16		38.75	
GLENN DALE BELL STA	1.28	2.15	2.87	.04	3.28	.56	5.78	2.25	3.16	.24	3.57	1.73	6.23	1.21	2.34	2.73	1.78	2.08	2.59	.77	5.46	2.24	3.50	.07	41.29	4.11
LAUREL 3 W	.81		2.64		3.45		4.72		3.16		3.89		6.70		3.20		1.26		3.69		6.32		2.90		42.74	
NATIONAL ARBORETUM D C	1.05		3.01		3.11		5.42		3.73		3.76		8.44		2.16		1.69		2.65		5.66		3.17		44.45	
SUITLAND	1.28		2.51		3.11		6.80		3.33		2.32		7.10		1.27		1.33		3.09		6.08		3.17		41.39	
U. S. SOLDIERS HOME DC	1.40		2.67		3.15		5.96		3.64		2.46		9.11		1.75		.80		2.84		5.26		3.60		42.64	
UPPER MARLBORO 3 NNW	1.55		2.97		3.36		5.11		3.25		3.36		5.00		2.78		1.38		2.20		5.62		3.21		39.79	
DIVISION	1.20	2.12	2.84	.12	3.15	.55	5.30	1.85	3.23	.84	3.33	.39	6.36	2.03	2.01	3.00	1.18	2.58	3.01	.13	5.54	2.48	3.24	.27	40.39	2.86
* * *																										
NORTHERN EASTERN SHORE 05																										
CENTREVILLE	1.80		2.47		3.68		3.96		2.44		4.87		4.40		3.40		.79		1.54		3.60		3.85		36.80	
CHESTERTOWN	1.39		2.32		4.09		4.74		3.02		6.15		3.98		2.60		1.06		2.27		3.90		3.39		39.17	
COLEMAN 3 NNW	1.81	1.80	3.11	.18	4.39	.53	3.93	.50	2.75	1.42	5.57	1.93	4.85	.56	2.89	2.08	.77	2.94	2.88	.20	5.54	2.13	3.50	.32E	41.99	2.29
EASTERN NECK ISLAND	1.28		2.18		4.33		5.52		2.30		3.09		3.62		1.67		1.49		2.55		4.23		2.64		34.32	
HILLINGTON	.87	2.78	1.93	1.00	3.33	.53	5.18	1.90	1.75	2.20	7.56	4.40	2.86	1.38	2.41	2.48	1.21	2.41	1.85	1.13	3.27	.23E	3.46	.34E	35.66	7.50
DIVISION	1.47	2.13	2.40	.51	3.96	.07	4.27	.84	2.45	1.66	5.85	2.45	3.94	.54	2.59	2.16	1.05	2.53	2.24	.76	4.12	.78	3.37	.23	37.71	5.92
* * *																										
NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FLD	.68		2.68		3.19		5.37		.98		6.70		8.41		3.29		1.09		2.82		4.63		3.13		42.97	
BALTIMORE CITY WSO	.80	2.63	3.44	.46	3.48	.46	3.98	.27	1.75	2.40	4.74	.87	3.83	.56	2.76	1.84	.37	3.26	2.93	.82	4.77	1.67	3.69	.53	36.04	6.17
BENSON POLICE BARRACKS	1.12		2.94		4.00		4.93		1.36		3.44		5.46		4.47		1.38		2.47		6.13		3.33		43.53	
BOYDS 2 NW	2.76		2.77		2.50		4.63		4.22		4.50		7.77		1.43		1.43		5.14		2.71		3.42		41.14	
BRIGHTON DAM	.98		2.77		3.43		5.28		5.06		2.49		6.82		3.67		1.28		2.57		5.17		2.94		42.46	
BROOKDALE	1.17		3.11		2.76		5.49		1.80		3.03		5.19		.92		.88		3.91		5.07		4.08		38.41	
CATOCITY MOUNTAIN PARK	1.80		3.03		3.35		2.68		3.78		5.02		5.06		1.78		1.75		3.02		3.37		3.60		49.29	
CLARKSVILLE 3 NNE	.74		2.97		3.04		4.84		3.96		3.96		7.30		2.20		1.09		3.13		5.68		3.53		42.58	
CONDWINGO DAM	.83		2.70		3.56		4.76		2.62		7.18		7.21		5.18		.86		3.							

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE
1970

TABLE 2 - CONTINUED

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
EDGEMONT	.74		3.39		3.71		4.51		2.76		8.94		5.75		1.96		2.06		3.70		4.98		3.65		45.75	
FROSTBURG	1.50	1.66	1.81	.69	5.53	1.58	6.13	2.56	1.86	2.47	3.73	.62	4.24	.53	2.05	2.03	2.91	.28	4.67	1.34	3.31	.70	5.09	2.23	42.83	1.19
HAGERSTOWN	.81		2.61		3.94		5.45		3.03		10.06		8.81		2.48		2.03		3.45		4.18		3.71		50.56	
HANCOCK FRUIT LAB	.71	2.02	2.22	.12	3.87	.43	5.03	1.95	1.74	2.14	7.17		5.87	2.35	3.23	.18	3.96	1.06	3.21	.07	5.76	3.21	3.74	1.24	46.51	9.32
PICARDY	.91		1.56		4.91		4.87		2.64		6.06		3.86		2.21		4.29		4.07		3.10		3.16		41.60	
WESTERNPORT UPRC	1.23		1.52		4.15		4.29		2.58		3.64		4.08		3.02		1.52		4.50		3.42		4.12		38.07	
WILLIAMSPORT	.62		1.83		3.83		5.44		2.44		9.33		8.57		3.10		2.56		3.63		4.78		3.66		49.79	
DIVISION	.90	1.90	2.00	.24	4.30	.79	4.89	1.64	2.39	1.59	5.59	1.76	5.48	1.82	2.39	1.50	2.94	.14	4.14	1.07	3.93	1.37	3.72	1.04	42.67	4.12
* * *																										
ALLEGHENY PLATEAU 08																										
BITTINGER 2 NW	2.74		2.60		4.71		5.39		3.59		6.89		7.17		4.03		4.07		3.00		2.85		6.57		59.61	
HERRILL	1.38		1.65		4.27		5.85		2.29		4.09		4.43		4.21		2.31		3.97		2.83		5.13		42.21	
OKLAND 1 SE	1.77	2.61	1.92	1.54	5.17	.62	3.87	1.73	2.91	1.80	5.04	.96	6.69	1.85	3.70	.80	3.54	.26	2.99	.13	2.00	1.14	5.47	1.76	47.07	1.44
SAVAGE RIVER DAM	1.07		1.11		5.02		4.61		2.68		3.88		4.74		2.17		2.16		4.03		2.53		3.82		37.82	
DIVISION	1.86	2.19	1.88	1.41	4.97	.66	5.29	1.29	3.06	1.48	5.27	.72	6.20	1.63	3.30	1.07	3.26	.01	3.34	.22	2.46	.52	5.29	1.80	46.18	.34
DELAWARE																										
* * *																										
NORTHERN 01																										
MIDDLETOWN 1 WSW	1.72		1.61		3.69		5.68		1.10		5.54		3.11		1.90		1.04		1.69		3.81		3.01		33.90	
NEWARK UNIVERSITY FARM	1.06		1.77		3.20		4.80		1.33		6.82		6.21		3.17		1.14		2.13		3.89		2.90		38.42	
WILMOTON NCASTLE WSO	1.00	2.40	2.13	.82	3.61	.41	5.56	2.23	.94	2.59	6.16	2.09	6.03	1.78	2.31	3.28	.82	3.13	2.64	.27	4.09	.56	3.02	.01	38.31	6.23
WILMOTON PORTER RESVR	1.24	2.23	2.80	.01	4.38	.37	5.90	2.16	1.53	2.57	4.93	1.02	3.96	.51	3.97	1.35	1.25	2.18	5.08	1.98	6.99	2.92	2.93	.20	44.58	.58
DIVISION	1.26	2.22	2.08	.77	3.72	.23	5.49	1.93	1.23	2.77	5.86	2.03	4.83	.46	2.84	2.40	1.06	2.42	2.89	.25	4.80	1.12	2.97	.13	38.83	5.65
* * *																										
SOUTHERN 02																										
BRIDGEVILLE 1 NW	1.85	1.69	2.53	.38	4.41	.43	5.00	1.57	4.19	.41	6.36	2.76	3.73	1.33	3.39	2.16	.85	3.17	4.57	1.48	3.16	.05	3.48	.45	43.62	1.66
DOVER	1.02	2.68	1.81	1.22	3.60	.52	5.48	2.06	2.42	1.73	5.04	1.58	4.56	.11	1.27	4.46	.91	2.90	3.05	.22	3.36	.31	3.38	.24	35.87	10.27
GEORGETOWN 5 SW	2.08		2.05		4.17		5.15		2.75		5.48		2.88		3.09		1.13		4.39		3.21		3.43		39.81	
LEWES 1 SW	2.49		3.82		4.68		4.40		2.77		6.03		4.80		4.00		.76		2.97		2.59		4.20		43.51	
MILFORD 2 WSW	1.53		2.29		4.38		4.38		2.54		6.53		4.23		1.59		.72		3.79		4.32		3.87		40.17	
SELBYVILLE	3.34		4.55		4.89		3.83		2.74		4.96		10.59		2.71		1.29		3.15		2.85		3.25		48.15	
DIVISION	2.05	1.71	2.04	.24	4.36	.17	4.71	1.21	2.90	.99	5.73	2.12	5.13	.29	2.68	2.94	.94	3.15	3.67	.27	3.25	.32	3.60	.40	41.80	4.89

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

TEMPERATURE EXTREMES AND FREEZE DATA

MARYLAND AND DELAWARE
1970

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.			
MARYLAND																																					
* * *																																					
SOUTHERN EASTERN SHORE 01																																					
ASSATEAGUE STATE PARK	91	8-29+	5	1-10	2-26	12	3-17	20	3-17	20	3-17	20	3-17	20	10-17	31	11-24	15	11-24	15	11-24	15	11-24	15	11-24	15	11-24	15	11-24	15	11-24	15	11-24	15			
CRISFIELD SOMERS COVE	90	8-30	10	1-21+	2-26	16	2-27	20	2-27	20	3-16	28	3-30	30	11-24	23	11-24	25	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE			
POCOMOKE CITY 1 S	93	9-23+	0	1-23	2-27	14	3-16	19	3-16	19	3-30	27	5-7	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PRINCESS ANNE	95	9-23	-1	1-23	3-1	12	3-17	17	3-17	17	4-1	28	5-7	32	10-19	32	11-17	24	11-17	24	11-25	16	11-25	16	11-25	16	11-25	16	11-25	16	11-25	16	11-25	16			
SALISBURY	93	9-23+	4	1-23	2-26	12	2-27	17	3-17	24	3-17	24	4-1	30	11-17	28	11-17	28	11-24	21	11-25	20	12-27	15	12-27	15	12-27	15	12-27	15	12-27	15	12-27	15			
SALISBURY FAA AIRPORT	93	6-12	-1	1-23+	3-1	16	3-17	19	3-17	19	3-28	28	5-7	32	11-16	30	11-17	25	11-24	21	11-25	17	12-8	13	12-8	13	12-8	13	12-8	13	12-8	13	12-8	13			
SNOW HILL 4 N	94	9-23+	1	1-10	2-26	12	3-1	19	3-17	22	3-17	22	5-7	31	11-17	27	11-17	27	11-24	20	11-24	20	11-24	20	11-24	20	11-24	20	11-24	20	11-24	20	11-24	20			
* * *																																					
CENTRAL EASTERN SHORE 02																																					
BLACKWATER REFUGE	93	9-22+	6	1-9	2-26	13	3-1	20	3-16	22	3-17	25	4-11	31	11-17	28	11-17	28	11-18	24	12-8	18	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE			
CAMBRIDGE 4 W	94	9-23+	4	1-23	2-26	13	3-15	19	3-15	19	4-1	28	4-13	31	11-17	28	11-17	28	11-18	24	11-24	20	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE			
DENTON 1 WNW	98	9-23	-2	1-21	2-26	9	3-9	20	3-17	22	4-11	28	5-7	31	11-6	32	11-17	26	11-24	21	11-25	17	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE			
EASTON POLICE BARRACKS	95	9-22	0	1-10	2-27	11	2-27	11	3-17	22	3-17	22	4-6	32	11-17	27	11-17	27	11-24	21	11-25	19	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE			
PRESTON 1 S	95	9-23+	4	1-10	2-26	11	2-27	18	3-17	24	3-17	24	4-13	32	11-17	27	11-17	27	11-24	20	11-24	20	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE			
ROYAL OAK	94	9-22	6	1-9	2-26	13	3-1	20	3-15	23	3-17	26	4-1	30	11-17	30	11-18	28	11-24	21	12-8	19	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE			
VIENNA	96	8-1	4	1-9	2-27	12	2-27	12	3-1	22	3-17	25	4-8	31	11-17	31	11-18	27	11-24	22	12-8	19	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE			
* * *																																					
LOWER SOUTHERN 03																																					
CHARLOTTE HALL 2 SE	95	9-23+	-3	1-9	3-15	11	3-17	19	3-17	19	4-5	28	4-13	32	11-17	24	11-17	24	11-17	24	11-24	12	11-24	12	11-24	12	11-24	12	11-24	12	11-24	12	11-24	12			
LA PLATA 1 W	95	9-23+	-4	1-9	2-26	11	3-17	18	3-17	18	4-8	28	5-7	32	11-6	32	11-17	22	11-17	22	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18			
LEONARDTOWN 3 NW	98	9-23+	-9	1-9	-	-	3-17	17	4-5	22	4-8	28	4-13	30	11-6	32	11-17	23	11-17	23	11-24	13	11-24	13	11-24	13	11-24	13	11-24	13	11-24	13	11-24	13			
OWINGS FERRY LANDING	97	9-23	-2	1-9	2-26	11	2-27	20	3-30	21	3-30	21	4-13	32	11-17	26	11-17	26	11-24	17	11-24	17	11-24	17	11-24	17	11-24	17	11-24	17	11-24	17	11-24	17			
PRINCE FREDERICK 1 N	93	9-22+	-5	1-9	3-1	16	3-17	18	3-25	24	4-1	28	5-7	30	11-17	24	11-17	24	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18			
SOLOMONS	95	7-4	7	1-10+	2-26	14	2-26	14	2-27	24	3-16	27	3-30	30	11-23	30	11-24	21	11-24	21	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE			
WALDORF POLICE BRKS	96	9-23	-6	1-9	3-15	16	3-17	18	3-30	24	4-11	27	5-7	32	11-17	24	11-17	24	11-17	24	11-24	19	11-24	19	11-24	19	11-24	19	11-24	19	11-24	19	11-24	19			
* * *																																					
UPPER SOUTHERN 04																																					
ANNAPOLIS	-	-	4	1-9	-	-	-	-	-	-	-	-	-	-	11-17	30	11-24	18	11-24	18	11-24	18	-	-	-	-	-	-	-	-	-	-	-	-			
BALTIMORE WSO	98	9-23	2	1-9	2-26	13	3-1	20	3-17	21	3-30	25	4-11	32	11-17	28	11-17	28	11-23	23	11-25	19	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE		
BELTSVILLE	94	9-24+	2	1-23+	2-27	12	3-17	18	3-30	22	4-6	26	5-7	30	11-17	24	11-17	24	11-17	24	11-24	18	12-8	15	12-8	15	12-8	15	12-8	15	12-8	15	12-8	15			
BELTSVILLE PLANT STA 5	94	9-24+	3	1-23	2-27	15	3-17	19	3-30	24	4-6	28	4-13	32	11-6	32	11-17	24	11-17	24	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18			
COLLEGE PARK	97	9-22	5	1-23+	2-26	11	3-1	20	3-30	23	4-1	28	4-6	30	11-17	25	11-17	25	11-18	24	11-24	20	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE			
DALECARLIA RESVR D C	95	9-23+	-4	1-10	2-26	7	3-16	20	3-30	24	4-11	28	5-7	32	11-17	27	11-17	27	11-24	9	11-24	9	11-24	9	11-24	9	11-24	9	11-24	9	11-24	9	11-24	9			
FORT GEORGE G MEADE	96	9-23+	2	1-23	3-1	16	3-1	16	3-30	21	4-8	28	5-7	29	10-5	32	10-17	28	11-17	20	11-17	20	11-24	12	11-24	12	11-24	12	11-24	12	11-24	12	11-24	12			
GLENN DALE BELL STA	96	9-22	2	1-23	3-17	15	3-30	20	3-30	20	4-11	28	5-7	29	10-17	31	11-17	21	11-17	21	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18	11-24	18			
LAUREL 3 W	96	9-23+	3	1-21+	2-26	10	2-27	19	3-17	24	3-30	27	4-13	32	11-17	30	11-23	28	11-24	19	11-24	19	12-27	12	12-27	12	12-27	12	12-27	12	12-27	12	12-27	12			
NATIONAL ARBORETUM D C	97	9-22+	6	1-9	2-26	12	3-1	20	3-30	24	3-30	24	4-6	32	11-17	26	11-17	26	11-24</																		

Table 3—Continued

TEMPERATURE EXTREMES AND FREEZE DATA

MARYLAND AND DELAWARE
1970

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																													
FROSTBURG	89	9-15+	- 8	1- 9+	3-30	13	3-30	13	4- 5	23	5- 7	28	5- 7	28	10-17	30	11-16	26	11-23	13	11-23	13	11-23	13	238	238	232	193	163
HAGERSTOWN	94	9-16	- 4	1-21	3-30	13	3-30	13	3-30	13	4-11	28	5- 7	31	11- 4	32	11-17	27	11-23	20	11-23	20	11-23	14	240	238	238	220	181
HANCOCK FRUIT LAB	94	7- 3	- 3	1-23	3-30	4	3-30	4	4- 8	23	5- 7	27	5- 7	27	10- 5	31	11-17	25	11-18	24	11-24	16	11-24	16	239	239	224	194	151
PICARDY	96	7- 1	- 6	1-11	3-30	12	3-30	12	3-30	12	5- 7	26	5- 7	26	10-17	27	10-17	27	11-23	17	11-23	17	11-24	13	239	238	238	163	163
WESTERNPORT UPRC	95	7- 2	- 6	1-11	3-30	15	3-30	15	3-30	15	3-30	15	3- 7	31	10-19	32	11-17	28	11-23	18	11-23	18	11-24	14	239	238	238	232	165
* * *																													
ALLEGHENY PLATEAU 08																													
BITTINGER 2 NW	83	7- 1+	-11	1- 9+	3-30	11	5- 7	20	5- 7	20	5- 7	20	5- 7	20	10- 4	32	10-17	27	11-16	21	11-17	18	11-23	9	238	194	193	163	150
DAKLAND 1 SE	86	9-14	-14	1-23	3-30	3	3-30	3	5- 7	21	5- 7	21	5- 7	21	10-17	29	10-19	25	11- 8	24	11-23	11	11-23	11	238	238	185	165	163
SAVAGE RIVER DAM	88	9-16+	- 5	1-23	3-30	13	3-30	13	3-31	21	4- 8	27	5- 7	29	10- 2	31	11- 6	25	11-24	13	11-24	13	11-24	13	239	239	238	212	148
DELAWARE																													
* * *																													
NORTHERN 01																													
MIDDLETOWN 1 WSW	97	9-23	- 2	1-10	2-26	9	3- 1	19	3-17	24	3-30	25	4-12	32	11-17	27	11-17	27	11-24	20	11-24	20	12- 8	16	285	268	252	232	219
NEWARK UNIVERSITY FARM	95	9-23	- 2	1- 9	2-27	16	3- 1	17	3-30	23	4-11	28	5- 7	32	11-17	26	11-17	26	11-24	19	11-24	19	12- 8	13	284	268	239	220	194
WILMGTON NCASTLE WSO	94	9-23+	- 2	1- 9	2-26	8	3- 1	20	3-17	22	3-30	25	4-12	31	11-16	30	11-23	22	11-23	22	11-25	18	12- 8	15	285	269	251	238	218
WILMGTON PORTER RESVR	94	9-23	- 2	1- 9	2-26	6	3-10	20	3-30	21	4- 6	28	4-12	31	11-16	31	11-23	19	11-23	19	11-23	19	11-24	15	271	258	238	231	218
* * *																													
SOUTHERN 02																													
BRIDGEVILLE 1 NW	95	9-23+	- 2	1-10+	2-26	9	3-17	20	3-17	20	4-11	28	5- 7	32	11-17	27	11-17	27	11-24	19	11-24	19	12- 8	16	285	252	252	220	194
DOVER	96	9-23+	- 1	1- 9	2-27	13	2-27	13	3-17	24	3-30	28	4- 6	30	11- 6	32	11-18	28	11-24	19	11-24	19	NONE	16	270	252	233	214	
GEORGETOWN 5 SW	95	9-24	- 2	1-10	2-27	13	3-17	19	3-17	19	4- 6	28	5- 7	32	11- 6	30	11-17	24	11-17	24	11-24	20	11-25	16	271	252	245	223	183
LEWES 1 SW	96	9-23	- 1	1-23+	2-26	12	2-27	18	3-17	23	3-17	23	4-13	32	11-17	27	11-17	27	11-24	19	11-24	19	12-27	13	304	270	252	245	218
MILFORD 2 WSW	99	9-23	0	1-10	2-26	10	3- 1	18	3-17	23	4- 6	28	5- 7	30	11- 6	29	11-17	25	11-18	24	11-24	18	11-25	16	272	268	246	225	183
SELBYVILLE	93	7- 4	1	1-23+	2-27	15	3- 1	18	3-17	23	3-28	27	4-13	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
MARYLAND													
* * *													
UPPER SOUTHERN 04													
BELTSVILLE	EVAP	-	-	-	-	6.188	7.618	7.098	6.628	6.70	4.058	-	-
	DEP	-	-	-	-	.35	1.02	.39	.39	2.05	.75	-	-
	WIND	-	-	-	-	12338	13098	1313	992	1102	1545	-	-
	MAX	-	-	-	-	81.9	88.3	91.1	89.1	86.8	70.0	-	-
	MIN	-	-	-	-	56.4	64.3	68.4	67.5	61.9	51.0	-	-
UPPER MARLBORO 3 NNW	EVAP	-	-	-	3.958	6.118	6.588	6.42	5.628	5.25	3.748	-	-
	WIND	-	-	-	14188	1174	1036	-	-	889	1215	-	-
	MAX	-	-	-	66.0	84.6	89.9	91.1	-	87.6	71.8	-	-
	MIN	-	-	-	45.1	55.6	63.3	67.7	68.4	62.1	52.9	-	-
* * *													
APPALACHIAN MOUNTAIN 07													
BODNSBORO	EVAP	-	-	-	-	5.32	5.26	5.58	5.31	4.27	2.548	-	-
	WIND	-	-	-	-	688	562	497	466	517	989	-	-
* * *													
ALLEGHENY PLATEAU 08													
SAVAGE RIVER DAM	EVAP	-	-	-	-	6.648	5.33	5.508	5.778	5.148	-	-	-
	WIND	-	-	-	-	2383	1447	1414	1394	15258	-	-	-
	MAX	-	-	-	-	77.8	83.0	84.4	85.6	81.8	-	-	-
	MIN	-	-	-	-	53.2	57.7	63.4	60.4	57.8	-	-	-
DELAWARE													
* * *													
NORTHERN 01													
NEWARK UNIVERSITY FARM	EVAP	-	-	-	-	5.608	6.048	5.97	6.03	-	-	-	-
	WIND	-	-	-	-	14728	9628	-	-	-	-	-	-
	MAX	-	-	-	-	80.3	88.5	90.7	91.9	-	-	-	-
	MIN	-	-	-	-	65.6	63.1	68.1	67.5	-	-	-	-
* * *													
SOUTHERN 02													
GEORGETOWN 5 SW	EVAP	-	-	-	4.938	6.828	7.90	7.41	7.038	7.33	4.468	-	-
	WIND	-	-	-	2785	2362	2159	1623	1443	2009	2138	-	-

See Reference Notes Following Station Index

STATION INDEX

MARYLAND AND DELAWARE
1970

Station	Index No.	Division No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record		Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Month opened	Month closed	
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARTFORD		1 39 28	76 10	57	5				1 2 3
ANNAPOLIS	0193	04	ANNE ARUNDEL		1 38 59	76 30	40	19				1 2 3
ASSATEAGUE STATE PARK	0335	01	DORCHESTER		3 38 14	75 09	7	3				1 2 3
BALTIMORE WSD	0465	04	ANNE ARUNDEL		3 39 11	76 40	148	36	36			1 2 3
BALTIMORE CITY WSD	0470	06	BALTO CITY		3 39 17	76 37	14	100	100			1 2 3
BELTSVILLE	0700	04	PRN. GEORGES		5 39 02	76 53	120	33	33			1 2 3
BELTSVILLE PLANT STA 5	0705	04	PRN. GEORGES		5 39 01	76 57	100	22	22			1 2 3
BENSON POLICE BARRACKS	0732	06	HARFORD		1 39 30	76 23	363	23	23			1 2 3
BITTINGER 2 NW	0881	08	GARRETT		7 39 37	79 13	2700	18	18			1 2 3
BLACKWATER REFUGE	0913	02	DORCHESTER		1 38 26	76 08	5	30	30			1 2 3
BOONSBORO	0996	07	WASHINGTON		5 39 31	77 39	735	11	11	6		1 2 3 4
BOYD 2 NW	1032	06	MONTGOMERY		5 39 13	77 20	580	18	18			1 2 3
BRIGHTON DAM	1125	06	MONTGOMERY		4 39 12	77 01	330	25	25			1 2 3
BROOKDALE	1170	06	MONTGOMERY		5 38 57	77 06	260	25	25			1 2 3
CAMBRIDGE 4 W	1385	02	DORCHESTER		1 38 34	76 09	5	76	76			1 2 3
CATOCTIN MOUNTAIN PARK	1590	06	FREDERICK		5 39 39	77 29	1610	4	4			1 2 3
CENTREVILLE	1627	05	QUEEN ANNES		1 39 03	76 03	46	18	18			1 2 3
CHARLOTTE HALL 2 SE	1686	03	ST. MARYS		4 38 28	76 46	156	10	10			1 2 3
CHESTEROWN	1790	05	KENT		1 39 13	76 04	40	65	65			1 2 3
CHEMUNVILLE BRIDGEPORT	1790	07	WASHINGTON		5 39 39	77 40	560	73	73			1 2 3
CLARKSVILLE 3 NNE	1862	06	HOWARD		4 39 15	76 56	365	4	4			1 2 3
COLEMAN 3 NW	1980	05	KENT		1 39 21	76 08	78	73	73			1 2 3
COLLEGE PARK	1995	04	PRN. GEORGES		5 38 59	76 56	70	84	84			1 2 3 C
CONDONING DAM	2060	06	HARFORD		6 38 39	76 10	40	35	35			1 2 3
CRISFIELD SOMERS COVE	2215	01	SOMERSET		1 37 59	75 52	8	8	8			1 2 3
CUMBERLAND	2280	07	ALLEGANY		5 39 39	78 45	900	100	100			1 2 3
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY		5 39 38	78 50	970	23	23			1 2 3
DENTON 1 NW	2523	02	CARLINE		1 38 54	75 51	40	19	19			1 2 3
EASTERN NECK ISLAND	2691	05	KENT		1 39 01	76 14	20	3	3			1 2 3
EASTON POLICE BARRACKS	2700	02	TALBOT		1 38 45	76 04	40	79	79			1 2 3
EDGEHONT	2770	07	WASHINGTON		5 39 40	77 33	905	32	32			1 2 3
ELKTON	2840	06	CECIL		1 39 37	75 50	40	44	44			1 2 3
EMMITSBURG 2 SE	2906	06	FREDERICK		5 39 41	77 18	416	15	15			1 2 3
FORT GEORGE G MEADE	3230	04	ANNE ARUNDEL		4 39 06	76 45	140	29	29			1 2 3
FREDERICK WPD	3350	06	FREDERICK		5 39 25	77 25	429	27	27			1 2 3
FREDERICK 3 E	3355	06	FREDERICK		5 39 24	77 22	385	22	22			1 2 3
FROSTBURG	3410	07	ALLEGANY		5 39 39	78 56	2140	69	69			1 2 3
GLENN DALE BELL STA	3679	04	PRN. GEORGES		4 38 58	76 48	130	50	50			1 2 3
GRANTSVILLE	3755	08	GARRETT		7 39 42	79 09	2380	50	50			1 2 3 C
HAGERSTOWN	3755	07	WASHINGTON		5 39 39	77 44	660	29	29			1 2 3
HANCOCK FRUIT LAB	4030	07	WASHINGTON		5 39 42	78 11	428	37	37			1 2 3 C
LA PLATA 1 W	5080	03	CHARLES		5 38 32	77 00	140	56	56			1 2 3
LAUREL 3 W	5111	04	PRN. GEORGES		5 39 06	76 54	400	80	80			1 2 3
LEONARDTOWN 3 NW	5201	03	ST. MARYS		5 38 19	76 40	110	11	11			1 2 3 C
LOCH RAVEN DAM	5340	06	BALTIMORE		1 39 26	76 33	190	21	21			1 2 3
MERRILL	5894	08	GARRETT		5 39 36	79 05	1790	19	19			1 2 3
MILLINGTON	5985	03	KENT		1 39 16	75 31	30	73	73			1 2 3
NEW GERMANY	6408	08	GARRETT		5 39 38	79 07	2590					1 2 3 C
OAKLAND 1 SE	6620	08	GARRETT		5 39 24	79 24	2420	73	73			1 2 3
OWING FERRY LANDING	6770	03	CALVERT		4 38 41	76 40	160	34	34			1 2 3
MARYLAND												
PARKTON 2 SW	6844	06	BALTIMORE		1 39 38	76 42	600	18	18			1 2 3 C
PERRY POINT	6980	06	CECIL		1 39 39	76 04	40					1 2 3
PICARDY	7010	07	ALLEGANY		5 39 39	78 31	1030	44	44			1 2 3
POTOMAC CITY 1 S	7140	01	WORCESTER		1 38 03	75 34	20	22	22			1 2 3
POTOMAC FILTER PLANT	7272	06	MONTGOMERY		5 39 02	77 15	270	0	0			1 2 3
PRESTON 1 S	7310	02	CARLINE		1 38 42	75 55	50	22	22			1 2 3
PRINCE FREDERICK 1 N	7325	03	CALVERT		1 39 33	76 35	135	18	18			1 2 3
PRINCESS ANNE	7330	01	SOMERSET		1 38 19	75 41	20	22	22			1 2 3
ROCKVILLE 4 NE	7705	06	MONTGOMERY		5 39 07	77 06	320	23	23			1 2 3
ROYAL OAK	7806	02	TALBOT		1 38 43	76 11	10	23	23			1 2 3
SALISBURY	8000	01	WICOMICO		1 38 22	75 35	10	64	64			1 2 3
SALISBURY FAA AIRPORT	8005	01	WICOMICO		1 38 20	75 30	10	23	23			1 2 3
SAVAGE RIVER DAM	8065	08	GARRETT		5 39 31	79 08	1495	20	20	23		1 2 3 4 C
SINES DEEP CREEK	8315	08	GARRETT		7 39 32	79 25	2040	8	8			1 2 3
SINES DEEP CREEK 2	8320	08	GARRETT		7 39 32	79 25	2040	8	8			1 2 3
SNOW HILL 4 N	8380	01	WICOMICO		1 38 14	75 23	28	55	55			1 2 3
SOLOMONS	8405	03	CALVERT		1 38 19	76 27	12	79	79			1 2 3
SUITLAND	8656	04	PRN. GEORGES		5 38 51	76 56	270	8	8			1 2 3
TOWSON	8677	06	BALTIMORE		3 39 23	76 14	390	35	35			1 2 3
UNIONVILLE	9030	06	FREDERICK		5 39 27	77 11	430	31	31			1 2 3 C
UPPER MARLBORO 3 NW	9070	04	PRN. GEORGES		4 38 52	76 47	98	15	15	15		1 2 3 4
VIENNA	9140	02	DORCHESTER		1 38 29	75 50	12	22	22			1 2 3
WALDORF POLICE BRKS	9195	03	CHARLES		5 38 39	76 53	210	23	23			1 2 3
WESTERPORT UPRC	9409	07	ALLEGANY		5 39 28	79 03	950	9	9			1 2 3
WESTMINSTER 2 SSE	9435	06	CARROLL		1 39 33	76 59	810	61	61			1 2 3
WHEATON REGIONAL PARK	9502	06	MONTGOMERY		5 39 04	77 02	330	10	10			1 2 3
WILLIAMSPORT	9570	07	WASHINGTON		5 39 37	77 51	360	82	82			1 2 3
WOODSTOCK	9750	06	BALTIMORE		3 39 20	76 52	415	101	101			1 2 3
DELAWARE												
DISTRICT OF COLUMBIA												
DALECARLIA RESVR D C	2325	04			5 38 56	77 07	146	25	25			1 2 3
NATIONAL ARBORETUM D C	6350	04			5 38 54	76 58	50	24	24			1 2 3
U. S. SOLDIERS HOME DC	9035	04			5 38 56	77 01	230	25	25			1 2 3
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX		1 38 45	75 37	50	80	80			1 2 3
DOVER	2730	02	KENT		3 39 09	75 31	30	83	83			1 2 3
GEORGETOWN 5 SW	3570	02	SUSSEX		1 38 38	75 28	48	25	25	17		1 2 3 4 C
LEWES 1 SW	3320	02	SUSSEX		2 38 46	75 09	20	26	26			1 2 3
MIDDLETOWN 1 WSW	3652	01	NEW CASTLE		2 39 26	75 45	60	19	19			1 2 3
MILFORD 2 WSW	3915	02	SUSSEX		2 38 54	75 28	30	75	75			1 2 3
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE		2 39 40	75 44	90	58	58	14		1 2 3 4 C
SELBYVILLE	8269	02	SUSSEX		2 38 28	75 13	32	17	17			1 2 3
WILMINGTON CASTLE WSD	6595	01	NEW CASTLE		2 39 40	75 36	74	23	23			1 2 3 C
WILMINGTON PORTER RESVR	9005	01	NEW CASTLE		2 39 45	75 32	274	59	59			1 2 3

† DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHHOGENY

RELOCATION AND CHANGES OF EQUIPMENT

MARYLAND

CATOCTIN MOUNTAIN PARK
CHESTERTOWN
ROCKVILLE 4 NE

EQUIPMENT MOVED 0.5 MILE SW
EQUIPMENT MOVED 0.5 MILE NE
EQUIPMENT MOVED 2.7 MILES NE

DELAWARE

NEWARK UNIVERSITY FARM

EQUIPMENT MOVED 15 FEET WEST

MAY 20, 1970
APRIL 6, 1970
APRIL 17, 1970

MAY 27, 1970

REFERENCE NOTES

MARYLAND AND DELAWARE
1970

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 34 Symons Hall, University of Maryland, College Park, Maryland 20740, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA MARYLAND AND DELAWARE."

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 shown by footnote following 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 1931-1960. "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.

DELAYED DATA AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

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.
- 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 location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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