

U. S. DEPARTMENT OF COMMERCE
JOHN T. CONNOR, Secretary
WEATHER BUREAU
ROBERT M. WHITE, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

ANNUAL SUMMARY 1964

Volume 68 No. 13



ASHEVILLE: 1965

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE
1964

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																										
CRISFIELD SOMERS COVE	38.9	- 0.4	37.7	- 2.2	47.6	1.1	54.9	- 2.0	67.4	0.5	73.5	- 1.8	77.6	- 1.8	74.7	- 3.3	70.6	- 2.0	56.9	- 5.3	53.2	2.0	43.0	1.8	58.0	- 1.1
OCEAN CITY RADIO STA	38.6		37.7		44.3		50.3		63.1		70.2		73.7		71.5		65.1		52.6		48.6M		40.6		55.2M	
POCONOKE CITY 1 S	38.5		36.2		46.9		52.9		64.3		70.7		74.3		71.5		65.1		52.6		48.6M		40.6		55.2M	
PRINCESS ANNE	38.6		36.3		47.4		53.8		65.6		72.4		76.1		73.1		68.2		54.0		50.1		43.5		57.3	
SALISBURY	39.3		37.4		48.0		54.1		66.4		73.2		76.6		73.4		69.3		55.4		50.9		43.5		57.3	
SALISBURY FAA AIRPORT	38.8		36.0		45.7		51.9		64.6		71.6		76.1		72.4		67.6		53.7		49.6		42.0		55.8	
SNOW HILL	38.6	0.5	36.9	- 1.8	47.1	2.4	52.5	- 1.7	65.2	1.1	72.2	- 0.4	76.0	- 0.7	72.6	- 2.6	68.1	- 1.1	54.4	- 4.4	50.6	2.2	42.2	2.9	56.4	- 0.3
DIVISION																										
	38.8	0.5	36.9	- 1.9	46.7	1.7	52.9	- 1.9	65.2	0.6	72.0	- 1.1	75.8	- 1.5	73.0	- 2.9	68.2	- 1.8	54.5	- 5.1	50.5	1.4	42.3	2.7	56.4	- 0.8
* * * CENTRAL EASTERN SHORE 02																										
BLACKWATER REFUGE																										
CAMDIDGE 4 W	39.7		38.5		49.1		55.9		67.6		73.9		76.5		74.0		69.7		55.8		51.3		42.6		57.9	
DENTON 1 NW	36.2		35.1		48.8		52.8		65.3		73.4		76.8M		72.9		68.3M		54.0		50.2		41.2		56.1M	
EASTON POLICE BARRACKS	36.9	0.3	36.1	- 1.1	47.3	3.0	53.6	- 1.0	67.0	2.3	74.0	0.8	76.8	- 0.5	73.8	- 1.8	69.2	0.0	55.0	- 3.3	50.4	2.5	41.4	3.5	56.8	0.4
PRESTON 1 S	36.4		35.3		46.6		52.6		65.3		73.2		76.3		73.1		68.6		54.1		50.4		41.1		56.1	
ROYAL OAK	36.8		36.3		47.6		53.5		66.3		73.1		77.8		74.4		69.6		55.2		51.0		41.2		57.1	
VIENNA	37.6		36.7		47.2		53.7		66.1M		73.0		76.8		73.4M		68.8		55.0		50.2		42.3		56.7M	
DIVISION																										
	37.1	0.2	36.1	- 1.3	47.4	3.1	53.7	- 1.1	66.3	1.5	73.8	0.6	76.8	- 0.4	73.6	- 2.1	69.0	- 0.5	54.8	- 4.0	50.5	2.2	41.3	3.0	56.7	0.1
* * * LOWER SOUTHERN 03																										
CHARLOTTE HALL 1 ESE																										
LA PLATA 1 W	37.5		36.5		47.2M		54.6M		67.4M		73.8M		77.6M		73.5		69.3M		54.8M		51.2M		41.9		57.1M	
LEONARDTOWN 3 NW	36.4		35.9		47.9		54.5		65.6		72.8		75.8		72.8		68.0		53.2		50.0		40.3		56.6	
OWINGS FERRY LANDING	37.7		35.9		47.9		54.5		65.6		72.8		75.8		72.8		68.0		53.2		50.3		41.2		56.3	
PRINCE FREDERICK	36.6M		35.9M		46.8M		56.7M	1.5	66.2	1.4	73.8	0.8	76.9	0.0	73.7	- 1.4	68.9	0.0	54.2	- 4.4	50.7	2.5	40.8	2.5	56.2M	
	36.6M		35.9M		46.8M		54.2		66.0M		72.4		75.7M		72.7M		67.7M		53.6M		51.1		42.0		56.2M	
SOLOMONS	38.4	- 0.1	37.8	- 1.2	48.3	3.0	55.2M	- 0.3	67.8	1.8	74.9	0.3	77.3	- 1.5	76.1	- 1.7	70.9	- 1.2	56.9	- 4.3	53.1	2.7	42.8	2.5	58.3M	0.0
WALDORF POLICE BRKS	33.7		35.8		46.4M		53.2		65.9		73.8		76.9		73.5		68.4		53.1		48.9		40.2		55.8M	
DIVISION																										
	36.7	- 0.6	36.1	- 1.9	47.2	2.4	54.7	- 0.5	66.3	1.4	73.5	0.4	76.7	- 0.4	73.6	- 1.9	68.8	- 0.6	54.2	- 4.6	50.8	2.5	41.3	2.8	56.7	0.0
* * * UPPER SOUTHERN 04																										
ANNAPOLIS																										
BALTIMORE WB AIRPORT	35.0	- 1.1	35.3	- 1.1	49.8	2.7	52.5	- 1.3	66.4	2.3	73.9	0.7	77.2	- 0.3	74.0	- 2.0	69.5	- 0.4	54.8	- 4.4	50.4	2.3	39.8	1.7	56.2	- 0.1
BELTSVILLE	33.8	- 1.0	33.2	- 2.5	44.4	1.3	50.9	- 3.3	65.3	0.9	72.7	0.2	77.0	0.2	73.5	- 1.5	68.1	0.0	53.3	- 3.7	49.8	4.3	39.1	3.3	55.1	- 0.1
BELTSVILLE PLANT STA 5	31.9		31.9		44.1		50.2		63.3		71.2		76.3		71.8		66.0M		50.9		46.9M		37.3		53.5M	
COLLEGE PARK	32.2		32.5		43.8		50.8		63.0		71.1		75.3		71.6		65.7		51.1		47.2		38.2		53.5	
	35.3	- 0.7	35.8	- 1.0	46.2	2.2	53.0	- 1.6	66.4	1.8	74.3	1.6	78.0	1.2	74.4	- 0.7	68.3	- 0.3	53.8	- 3.8	49.9	3.3	40.0	3.0	56.3	0.4
DALECARLIA RESVR D C	34.9		35.0		46.3		51.5		65.9		74.5M		78.0		74.3		68.8		54.3		50.4		40.6M		55.2	
FORT GEORGE G MEADE	34.8		34.6		45.9		52.2		66.7		72.6		76.2		73.0		67.8		52.7		48.6		39.1		55.2	
GLENN DALE BELL STA	34.8	- 0.3	34.9	- 1.0	46.1	2.9	52.5	- 1.2	65.0	1.2	72.7	0.7	76.5	0.6	72.8	- 1.5	67.6	- 0.2	52.6	- 4.2	48.8	2.9	39.1	3.1	55.3	0.3
LAUREL 3 W	36.5		34.7		46.6		52.8		66.8		74.2		77.7		74.1		68.9		53.0		48.2		38.4		56.5	
NATIONAL ARBORETUM D C	37.0		36.8		48.2		54.1		67.5		75.3		78.5		75.0		69.6		54.6		51.2		41.3		57.4	
SUITLAND	35.5		34.3		46.2		52.7		65.5		73.3		76.6		73.2		68.2		53.9		51.0		38.9		55.8	
U. S. SOLDIERS HOME DC	36.1		34.6		45.5		51.6		65.2		73.3		76.1		72.9		67.2		54.7		50.7		39.9		55.7	
UPPER MARLBORO 3 NW	34.6		34.0		46.8		52.1		64.2		71.2		75.1		71.3		66.3		51.5		48.2		38.4		56.4	
WASHINGTON WB CITY D C	38.0M		35.6		47.0		53.6		67.8		75.3		78.7		74.7		68.8		55.0		50.9		40.4		57.2M	
DIVISION																										
	35.0	- 0.6	34.5	- 1.8	45.9	2.5	52.2	- 1.8	65.5	1.3	73.3	0.8	76.9	0.2	73.3	- 1.8	67.9	- 0.6	53.5	- 4.2	49.6	2.9	39.4	2.5	55.6	0.0
* * * NORTHERN EASTERN SHORE 05																										
CENTREVILLE																										
CHESTERTOWN	35.1M		35.2		49.5		52.1		64.9		71.6		76.1M		72.5		68.0		54.0		49.3		40.4		55.4M	
COLEMAN 3 NW	35.4		35.0		45.3		51.0		66.5		73.8		77.3		74.0		69.4		55.4		50.8		39.7		56.2	
ROCK HALL	35.7	0.4	34.7	- 1.0	46.0	4.8	52.2	- 2.0	64.9	M	72.5	1.1	77.9	0.4	74.1	- 1.9	69.7	- 0.3	55.5	- 4.0	50.7	2.7	39.5M	2.5	55.2	- 0.3
	35.7	- 1.1	34.7	- 1.4	45.9	2.5	52.2	- 1.4	66.4	1.0	72.5	0.3	76.6	0.2	73.5	- 1.5	68.1	0.0	53.3	- 3.7	49.8	4.3	39.1	3.3	55.1	- 0.1
DIVISION																										
	35.3M	- 2.2	35.0	- 1.0	45.9	2.9	52.0	- 2.0	65.6	1.4	72.9	0.1	77.1	- 0.1	73.2	- 2.3	68.9	- 0.4	54.6	- 4.0	49.8	2.8	39.7	2.4	55.8	- 0.1
* * * NORTHERN CENTRAL 06																										
BALTIMORE WB CITY																										
BENSON POLICE BARRACKS	37.6	0.3	35.7	- 2.1	47.0	2.3	53.3	- 2.4	69.0	2.9	76.3	1.6	79.7	0.6	76.5	- 0.8	71.2	0.6	57.9	- 2.1	53.3	4.5	41.7	2.7	58.3	0.1
BOYDS 2 NW	32.1		31.3		43.8		49.9		63.6		70.9		74.5		70.2		65.5		52.3		47.5		39.8		53.1	
CONOWINGO DAM	34.5		32.7		44.0		51.1M		63.9M		71.0		74.7		71.8		66.7		52.8M		49.0		36.9		52.8M	
ELMTON	31.3		31.3		41.6		48.9		63.8		71.0		74.7		70.4		65.5		52.3		46.2M		36.1		52.8M	
	33.7	- 0.1	33.1	- 1.5	44.3	2.2	50.7	- 2.1	65.3M	2.0	73.0M	1.2	76.8	0.6	71.8	- 2.7	67.9	0.1	52.9	- 3.6	47.5	2.1	37.9	2.6	54.6M	0.1
EMMITTSBURG 2 SE	31.6		31.3		43.1		50.2M		63.6		72.3		75.7		71.0M		65.1M		50.8M		49.5		36.4		53.1M	
FREDERICK WFD	33.0	0.1	32.2	- 1.5	43.8	2.7	51.6	- 0.6	65.1	2.5	73.5	2.2	76.9	1.3	71.7	- 2.2	67.3	0.5	53.3	- 2.3	48.6	4.4	36.0	1.8	54.4	0.7
PARKTON 2 SW	31.8		29.8		40.8		47.8		61.7		69.6		73.6		69.1		64.9		51.1		47.0		35.1		51.9	
ROCKVILLE	32.6		30.5		42.2		51.2		63.9		70.4		74.1		70.1		66.4		53.8		49.9		39.0M		56.1M	
TOWSON	36.2	M	33.5M		45.7M		51.1		64.6		72.5		76.2		72.6		68.1		53.6		49.4		39.0M		56.1M	
UNIONVILLE	29.8		29.6		41.4		49.2		62.0M		70.6		74.2		69.3M		64.0		50.0M		45.2		35.2		51.7M	
WHEATON REGIONAL PARK	32.3	- 0.8	28.9	- 5.0	41.9	0.6	49.3	- 3.0	62.2	0.7	71.2	0.5	74.3	- 0.6	70.3	- 2.7	65.5	- 1.0	52.0	- 3.7	47.6	2.9	35.3	0.9	52.7	- 0.9
WOODSTOCK	33.6		33.1		43.2		52.4		64.4		71.7		74.8		71.0		66.4		52.0		47.7		38.5		54.2	
	32.7	- 1.1	32.2	- 2.2	43.3M	1.5	51.0	- 1.7	62.8M	- 0.2	71.4M	0.4	75.3M	0.2	71.7	- 1.7	66.0M	- 0.5	51.3	- 4.3	47.1	2.6	37.3M	2.6	53.5M	- 0.4
DIVISION																										
	33.1	- 0																								

Table 1-Continued

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE
1964

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
SINES DEEP CREEK 2	29.4	1.2	24.6	- 3.9	37.3	2.5	47.3	1.1	57.3	1.2	63.6	- 0.6	66.6	- 1.1	62.6	- 3.5	57.6	- 2.0	43.9	- 5.4	41.4	3.3	32.9	3.6	47.1	- 0.3
DIVISION	28.8	0.5	24.6	- 4.1	36.8	1.7	47.0	0.4	57.9	1.3	63.9	- 0.7	67.5	- 0.4	63.8	- 2.8	59.2	- 1.0	45.8	- 4.2	42.4	3.8	32.2	2.8	47.5	- 0.2
DELAWARE																										
NORTHERN																										
01																										
MIDDLETOWN 1 WSW	-	-	-	-	44.1	M	50.6		64.6		72.4		76.9		72.3		68.3		53.7		48.3		38.6		54.1	-
NEWARK UNIVERSITY FARM	33.3		32.2		44.1		49.9		64.4		72.4		76.0		71.2		67.5		52.8		47.6		37.6		54.1	-
WILMINGTON CASTLE HB AP	33.2	- 0.2	31.6	- 2.2	43.1	1.8	49.4	- 2.7	64.3	1.6	72.1	0.7	75.8	- 0.2	71.5	- 2.8	67.2	- 0.4	52.8	- 3.8	47.6	2.2	37.3	2.2	53.8	- 0.3
WILMINGTON PORTER RESVR	33.6		31.4		43.1		49.6		64.3M		71.5		75.0		71.2		66.8		53.3		48.3		37.0		53.8M	-
DIVISION	33.4	- 0.5	31.7	- 2.6	43.4	1.7	49.9	- 2.4	64.4	1.5	72.1	0.6	75.9	- 0.1	71.6	- 2.7	67.5	- 0.5	53.2	- 4.0	48.0	2.0	37.6	2.0	54.1	- 0.4
SOUTHERN																										
02																										
BRIDGEVILLE 1 NW	36.5	0.0	34.3	- 2.8	45.4	1.8	51.7	- 1.9	65.0	1.3	73.3		76.6	0.4	72.5	- 2.0	68.5	0.1	53.4	- 4.6	49.1	1.6	41.0	3.2	55.6	- 0.2
DOVER	36.1	- 0.3	35.1	- 1.7	46.6	2.9	51.7	- 2.4	66.0	1.6	73.8	0.9	77.2	0.1	73.6	- 1.8	69.3	- 0.1	55.9	- 2.8	51.0	3.1	41.2	3.3	56.5	0.3
GEORGETOWN 5 SW	37.1		35.0		46.4		51.8		66.8		73.0		77.1M		72.8M		68.4		53.9		49.1		42.0M		56.0M	-
LEWES 1 SW	37.4		35.4		45.1		49.9		63.7		70.6		74.8		70.8		67.9		54.6		49.4		41.4		55.1	-
MILFORD 3 WNW	36.6		34.7		46.5		51.6		64.2		72.1		76.3		72.7		68.2		53.7		48.5		40.0M		56.0	-
SELBYVILLE	37.3		35.4		45.6		51.6		64.2		72.9		76.6		73.5		68.2		54.8		50.0		42.0		56.0	-
DIVISION	36.8	0.0	35.0	- 2.2	45.9	2.1	51.4	- 2.3	64.7	0.8	72.6	0.2	76.4	- 0.2	72.7	- 2.2	68.4	- 0.5	54.4	- 4.0	49.5	1.6	41.3	3.2	55.8	- 0.3

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 in 1964 was included each month except: October and November issues of this publication.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE
1964

Table 2-

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	
MARYLAND																											
* SOUTHERN EASTERN SHORE 01																											
CRISFIELD SOMERS COVE	4.70	1.14	4.77	2.38	3.54	.47	3.26	.40	.83	2.84	3.17	.14	2.13	2.92	2.13	2.92	1.59	2.24	4.15	.78	2.17	1.07	2.84	.08	31.28	13.56	
OCEAN CITY RADIO STA	4.70		5.91		4.33		5.13		.36		1.30		1.80				3.13		4.22		2.31		3.13		44.31		
POCOMOKE CITY 1 S	4.11		5.37		4.18		4.98		.57		4.21		3.32		4.78		3.13		4.22		2.31		3.13		44.31		
PRINCESS ANNE	4.89		6.81		2.90		5.02		.51		3.03		3.46		4.09		2.91		4.55		2.99		3.09		34.25		
SALISBURY	4.66	1.00	6.15	2.94	3.64	.49	6.76	3.62	.41	3.21	3.39	.10	2.67	1.72	4.76	5.25	5.17	.73	3.20	.30	1.95	1.26	2.43	.70	41.19	4.94	
SALISBURY FAA AIRPORT	4.33		5.80		3.23		5.46		.30		2.85		3.69		1.98		4.82		2.98		1.86		2.50		39.80		
SNOW HILL	5.84	1.90	7.23	3.80	4.84	.22	4.94	1.33	.45	3.16	2.17	1.63	3.11	2.01	5.89	.22	2.44	2.06	4.43	.52	3.39	.16	3.30	.11	46.03	1.14	
DIVISION	4.75	1.12	5.43	2.24	3.81	.33	5.08	1.67	.49	3.03	2.87	.58	2.88	1.93	3.27	2.16	3.34	.89	3.92	.39	2.45	.86	2.88	.24	41.17	4.60	
* CENTRAL EASTERN SHORE 02																											
BLACKWATER REFUGE	4.95		5.11		3.18		4.39		.35		4.27		9.17		.73		5.26		2.91		2.72		3.92		46.96		
CAMBRIDGE 4 W	4.40		4.94		3.38		3.83		.73		2.10		7.78		1.76		3.50		2.34		2.76		3.35		40.47		
DENTON 1 WNW	4.79		4.90		3.03				.48						.50		4.29		3.16		1.85		3.48				
EASTON POLICE BARRACKS	3.99	.52	4.98	2.03	3.41	.54	6.16	2.68	.43	3.45	1.87	1.49	5.42	.68	1.31	3.72	4.44	.49	1.87	1.31	2.21	1.32	4.22	1.09	40.31	4.34	
PRESTON 1 S	3.39		4.60		2.82		4.34		.41		1.00		2.73		.71		4.10		2.33		2.14		3.69		32.46		
ROYAL OAK	4.24		4.14		3.15		4.53		.33		2.98		3.45		1.97		4.31		2.08		2.26		4.34		37.78		
VIENNA	3.90		6.05		2.87		4.62		.30		3.43		7.38		2.88		6.68		2.54		2.55		4.01		48.88		
DIVISION	4.27	.73	4.78	1.87	3.12	.78	4.92	1.52	.43	3.52	2.61	.91	5.99	1.14	1.41	3.77	4.65	.57	2.46	.77	2.36	1.18	3.86	.73	40.86	4.37	
* LOWER SOUTHERN 03																											
CHARLOTTE HALL 1 ESE	4.79		3.92		3.07		4.15		.45		4.54		2.20		2.63		5.26		2.33		2.47		4.72		40.58		
LA PLATA 1 W	4.25		4.24		2.41		4.37		.79		2.76		1.68		1.60		4.93		3.55		2.05		3.99		36.22		
LEONARDTOWN 3 NW	4.25		4.21		3.28		4.33		.81		4.33		2.07		3.48		2.33		2.33		2.00		3.38		39.08		
OWINGS FERRY LANDING	4.24		5.78		3.01		4.71		.87		3.30	1.27	2.53	1.74	1.38	3.93	6.52	2.35	1.52	.89	2.00	1.23	3.55	.90	41.27		
PRICE FREDERICK	4.24		5.78		3.01		4.71		.87		3.30	1.27	2.53	1.74	1.38	3.93	6.52	2.35	1.52	.89	2.00	1.23	3.55	.90	41.27		
SOLOMONS	4.44	.89	5.02	2.24	2.30	1.31	4.63	1.13	.64	3.12	4.43	.98	3.70	1.87	1.21	3.79	4.27	.68	1.91	1.20	2.06	1.27	3.23	.26	37.84	6.38	
WALDOFF POLICE BRKS	4.35		4.89		3.01		4.34		.30		2.98		3.43		2.10		5.12		3.24		3.18		4.29		41.20		
DIVISION	4.22	.65	4.68	1.91	2.85	.81	4.46	.96	.77	3.16	3.30	.20	2.98	2.03	2.03	3.24	4.68	.73	3.09	.28	2.28	.95	4.00	.90	39.34	5.52	
* UPPER SOUTHERN 04																											
ANNAPOLIS	5.68	2.54	4.17	1.60	2.01	1.61	3.75	.44	1.03	2.80	1.29	2.22	2.25	1.89	1.30	3.20	4.06	.60	1.29	1.34	2.22	.56	3.24	.39	32.29	8.05	
BALTIMORE WB AIRPORT	5.27	1.84	4.36	1.47	2.98	.84	4.37	.77	.43	3.55	2.40	.89	2.66	1.56	1.96	3.23	2.61	.72	1.19	1.99	2.51	.62	3.94	.95	34.68	8.37	
BELTSVILLE	3.25		1.98		2.20		4.44		1.04		1.78		1.25		2.40		3.98		1.63		1.96		3.75		29.66		
BELTSVILLE PLANT STA	3.80		3.28		2.32		4.44		1.71		1.97		1.40		2.68		4.01		1.52		1.83		3.69		32.67		
COLLEGE PARK	4.41	1.16	3.40	.70	2.36	1.37	4.05	1.26	1.59	2.62	2.53	1.28	1.16	2.98	2.33	2.82	5.07	1.27	1.53	1.63	1.83	1.24	3.81	.77	34.69	8.78	
DALECARLIA RESVR D C	3.49		3.18		2.82		3.75		2.27		1.16		1.89		2.27		3.85		1.88		1.95		3.59		32.10		
PORT GEORGE G MEADE	4.40		4.47		3.28		4.37		.31		1.20	2.25	2.33		2.15		3.31		1.61		2.20		4.22		36.25		
GLENN DALE BELL STA	4.40	.97	4.28	.45	2.57	1.27	4.31	.77	1.20	3.03	1.96	2.06	2.42	2.60	2.84	2.23	5.30	1.44	1.92	1.44	2.29	.93	3.47	.50	35.96	9.41	
LAUREL 3 W	4.40		4.47		3.28		4.37		.31		1.20	2.25	2.33		2.15		3.31		1.61		2.20		4.22		36.25		
NATIONAL ARBORETUM D C	4.58		3.75		2.56		4.76		1.17		1.63		1.82		1.84		4.25		1.72		2.09		2.79		32.94		
SUITLAND	4.29		3.18		2.19		4.54		1.00		1.92		1.82		1.96		4.36		1.96		2.09		3.29		32.60		
U. S. SOLDIERS HOME DC	4.42		3.50		2.95		4.08		1.79		1.57		1.98		3.48		1.97		1.98		2.09		3.83		34.83		
UPPER HARBOR 3 WNW	4.17		3.64		2.76		3.87		.83		2.59		3.40		1.45		5.16		1.72		1.92		3.62		35.13		
WASHINGTON WB CITY D CR	4.23		3.36		2.54		4.28		1.73		1.11		1.36		2.03		3.20		1.40		1.40		3.11		29.89		
DIVISION	4.37	1.05	3.50	.78	2.53	1.17	4.28	.83	1.36	2.71	1.91	1.81	1.97	2.36	2.08	2.93	4.00	.24	1.62	1.52	2.03	1.03	3.55	.58	33.20	10.05	
* NORTHERN EASTERN SHORE 05																											
CENTREVILLE	4.50		3.53		2.86		4.48		.61		2.78		2.61		.95		3.68		1.95		1.55		5.10		34.60		
CHESTERTOWN	4.52		3.58		3.16		5.39		.78		3.39		3.53		2.43		4.77		1.49		1.60		4.47		37.37		
COLEMAN 3 WNW	5.15	1.54	3.41	.48	3.42	.78	5.39	3.55	.78	3.39	1.05	2.59	4.03	.26	1.57	3.40	4.00	.71	1.47	1.61	2.14	1.47	1.81	36.93	8.23	34.93	8.23
WILLINGTON	4.15	.90	3.62	.48	3.02	.84	5.65	2.37	.37	3.56	1.16	2.00	1.20	2.00	1.74	3.15	5.05	1.43	1.52	1.46	2.42	2.08	3.99	.87	34.93	8.23	
ROCK HALL	4.41	.98	3.41	.65	3.23	.53	5.20	1.83	.55	3.41	2.30	1.10	2.20	2.33	1.45	3.24	4.54	.83	1.22	1.75	2.01	1.12	3.89	.78	34.41	8.41	
DIVISION	4.55	.95	3.51	.60	3.07	.82	5.54	2.11	.56	3.53	1.82	1.58	3.12	1.36	1.63	3.12	4.21	.63	1.53	1.47	1.74	1.60	4.49	1.35	35.79	7.84	
* NORTHERN CENTRAL 06																											
BALTIMORE WB CITY	5.24	1.81	4.51	1.53	3.08	.86	4.86	1.15	.61	3.54	1.79	2.08	3.01	1.38	1.76	2.84	3.49	.14	.92	2.33	2.88	.22	5.04	1.88	37.19	7.02	
BENSON POLICE BARRACKS	5.40		4.30		2.94		6.95		.96		1.78		6.02		1.09		2.57		1.34		2.76		4.93		41.04		
BOYDS 2 NW	2.94		2.59		2.37		4.21		.13		1.86		2.58		2.77		3.22		1.10		.61		4.37		28.79		
BRIGHTON DAM	4.78		3.01		2.95		6.26		1.01		2.95		3.17		.95		3.17		1.89		1.79		4.74		35.55		
BROOKDALE	4.66		3.73		2.95		1.90		1.87		2.22		2.22		2.23		3.28		1.96		3.50		3.62		36.52		
CONOWINGO DAM	4.33		2.57		2.64		6.57		.77		2.24		7.24		.94		2.56		.93		1.99		5.23		38.01		
DELTON	4.33	1.09	3.09	.10	2.82	1.36	6.57	2.19	.77	3.59	1.73	3.10	6.57	.62	1.03	3.99	4.00	.61	1.27	2.08	1.99	1.91	5.23	2.43	36.00	11.45	
EMMITSBURG 2 SE	3.55		3.32		3.35		4.50		1.85		1.03		4.43		2.79		2.61		1.17		2.01		3.73		34.14		
FREDERICK WPMO	1.70	1.28	3.49	.94	2.97	.56	5.85	2.18	.22	3.66	1.33	2.27	4.32	.40	2.15	2.15	2.63	.79	1.58	1.55	1.78	3.27	.38	31.69	9.14		
FREDERICK 3 E	3.45		3.71		2.93		.79		.9																		

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

MARYLAND AND DELAWARE
1964

Table 2--Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
LUKE	2.55		2.23		2.02		7.14		.71		2.43		3.56		5.22		4.45		1.03		1.65		2.08		35.07	
PICARDY	3.24		2.94		2.74		5.86		1.08		3.52		2.30		2.81		4.35		1.32		2.03		2.25		34.46	
WESTERNPORT	2.83	.21	3.53	1.00	2.37	1.40	8.61	5.24	.52	3.65	2.74	1.36	3.69	.10	6.45	2.27	4.23	1.13	1.40	1.56	2.23	.05	2.80	.26	41.51	1.77
WILLIAMSPORT	3.97		4.07		2.92		5.40		.92		1.69		3.38		1.54		2.57		.79		2.04		2.52		31.81	
DIVISION	3.26	.46	3.27	1.03	2.79	.72	7.00	3.75	.70	3.28	2.90	.93	3.29	.37	2.62	1.27	3.84	.76	1.12	1.95	2.10	.46	2.45	.23	35.34	3.21
* * *																										
ALLEGHENY PLATEAU 08																										
BITTINGER 2 NW	3.20		4.55		4.11		7.34		2.10		7.12		3.63		2.42		3.43		1.11		3.76		4.14		46.91	
MERRILL	2.70		3.03		2.81		7.75		.92		5.13		3.85		2.99		3.65		.90		2.53		2.93		39.19	
OAKLAND 1 SE	3.43	.95	3.39	.07	3.61	.94	8.42	4.28	1.54	3.17	4.75	.07	2.91	1.93	2.46	2.04	3.97	.69	1.56	1.56	3.35	.21	3.80	.09	43.19	5.32
SAVAGE RIVER DAM	2.30		2.34		2.10		7.71		.91		3.64		4.50		2.81		3.94		.91		2.00		2.42		35.58	
SHALLMAR	3.31		3.20		2.76		7.15		.65		4.06		3.21		3.47		4.48		2.52		4.30		2.46		41.57	
SINES DEEP CREEK 2	3.51	.83	3.97	.32	4.20	.33	6.43	2.28	1.77	2.90	6.19	1.37	4.82	.04	2.03	2.46	3.88	.47	.95	2.15	3.89	.82	4.84	1.08	46.48	2.37
DIVISION	3.11	.94	3.56	.27	3.51	.80	7.46	3.48	1.58	2.94	5.43	.88	3.97	.60	2.43	1.94	3.81	.56	1.13	1.99	3.25	.27	3.80	.31	43.06	3.46
* * *																										
DELAWARE																										
* * *																										
NORTHERN 01																										
MIDDLETOWN 1 MSW	4.11		2.93		2.08		4.90		.19		1.54		2.81		1.44		3.36		1.56		1.63		4.74		31.51	
NEWARK UNIVERSITY FARM	4.09		2.48		1.83		5.00		.54		.72		4.24		2.39		2.80		1.27		1.76		5.13		32.25	
WILMINGTON CASTLE WD AP	4.13	.73	3.37	.42	2.20	1.82	5.97	2.64	.22	3.31	1.02	3.03	3.70	.55	1.33	3.74	2.77	1.18	1.29	1.62	1.62	1.91	4.70	1.67	32.82	11.74
WILMINGTON PORTER RESVR	4.52	1.05	3.23	.44	1.99	2.02	6.74	3.00	.39	3.71	1.24	2.67	3.72	.75	2.38	2.94	2.46	.97	1.64	1.46	1.90	1.77	5.54	2.41	35.75	9.39
DIVISION	4.21	.73	3.00	.15	1.98	1.97	5.65	2.09	.34	3.66	1.14	2.69	3.62	.75	2.11	3.13	2.85	.63	1.44	1.70	1.73	1.75	5.03	1.93	33.10	11.38
* * *																										
SOUTHERN 02																										
BRIDGEVILLE 1 NW	4.08	.54	4.81	1.92	2.92	1.04	4.61	1.18	.49	3.29	.96	2.64	3.57	1.49	1.78	3.77	4.55	.53	1.94	1.25	2.02	1.19	3.27	.24	35.00	10.28
DOVER	3.95	.25	5.39	2.32	2.86	1.24	5.61	2.19	.58	3.57	.68	2.78	3.28	1.39	1.33	4.40	4.63	.82	3.26	.01	1.58	2.09	2.93	.18	36.04	10.10
GEORGETOWN 3 SW	4.36		4.42		3.04		4.93		.19		.55		3.04		2.65		5.39		2.41		2.19		2.34		35.51	
LEWES 1 SW	5.11		5.18		3.82		5.67		.20		1.31		5.88		.94		4.77		2.33		1.41		2.74		39.36	
MILFORD 3 NW	4.58		4.44		3.05		3.85		.36		2.37		3.05		.44		4.82		3.12		2.11		2.42		34.61	
SELBYVILLE	6.80		5.87		4.98		5.06		.23		1.11		2.91		1.03		5.06		3.01		1.89		2.57		40.52	
DIVISION	4.61	1.05	5.01	1.93	3.45	.74	4.96	1.46	.34	3.55	1.16	2.45	3.62	1.22	1.36	4.26	4.87	.78	2.68	.72	1.87	1.70	2.71	.49	36.84	9.91

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

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

MARYLAND AND DELAWARE
1964

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.								
MARYLAND																														
* * *																														
SOUTHERN EASTERN SHORE 01																														
CRISFIELD SOMERS COVE	92	6-10	17	1-14	NONE	1-15	19	2-23	24	3-31	28	4-5	30	11-22	29	11-23	27	12-7	20	12-7	20	NONE			326	287	237	231		
OCEAN CITY RADIO STA					1-15	12	2-23	20	3-31	23	3-31	23	4-4	32																
POCOMOKE CITY 1 S	96	6-10	7	1-15	1-16	12	2-25	20	4-5	22	4-10	27	4-27	30	10-8	32	10-12	23	10-12	23	11-23	14	11-23	14	311	271	190	185	164	
PRINCESS ANNE	95	6-10	9	1-15	2-13	15	2-25	20	4-5	24	4-5	24	4-27	31	10-11	30	10-12	26	11-22	22	11-23	17				271	231	190	167	
SALISBURY	95	6-21	11	1-15	1-16	15	2-23	19	3-1	24	4-5	27	4-5	27	10-11	31	10-12	28	11-22	22	11-23	19	NONE			273	266	190	189	
SALISBURY FAA AIRPORT	96	6-10	12	1-15	1-15	12	2-23	19	2-25	22	4-5	27	4-10	32	10-11	32	10-12	28	11-22	22	11-23	18	12-16	15	335	273	270	190	184	
SNOW HILL	96	6-10	11	1-15	1-16	16	2-23	17	3-31	24	4-5	26	4-26	32	10-11	32	10-12	28	11-22	23	11-23	19	12-19	15	337	273	236	190	168	
* * *																														
CENTRAL EASTERN SHORE 02																														
BLACKWATER REFUGE	97	6-30	7	1-14	1-15	9	2-13	20	2-23	22	4-5	28	4-5	29	10-12	29	11-22	28	11-23	20	11-23	20	NONE			283	273	234	190	
CAMBRIDGE 4 W	97	6-10	5	1-15	2-13	13	2-25	19	4-5	23	4-5	25	4-26	32	10-12	28	10-12	28	11-22	24	11-23	16	11-23	16	283	271	234	190	169	
DENTON 1 WNW			0	1-15	1-18	12	2-26	18							10-8	32	10-12	28	11-22	19	11-22	19	12-19	14	335	269				
EASTON POLICE BARRACKS	98	6-10	5	1-15	2-13	15	2-23	20	2-26	21	4-5	26	4-10	31	10-7	32	10-12	28	11-22	23	11-23	18	12-19	12	309	273	269	190	180	
PRESTON 1 S	97	6-20	3	1-15	2-13	13	2-25	20	4-5	24	4-5	26	4-26	32	10-11	31	10-24	28	11-22	22	11-23	19	12-19	16	309	271	234	202	166	
ROYAL OAK	97	6-24	7	1-15	1-18	14	2-13	18	2-25	21	4-5	27	4-10	31	10-8	32	11-22	24	11-22	24	11-23	20	NONE			283	270	231	181	
VIENNA	98	9-10	9	1-15	1-18	15	2-23	19	2-25	23	3-31	25	4-10	32	10-11	30	11-22	22	11-22	22	11-24	20	12-19	15	335	274	270	236	184	
* * *																														
LOWER SOUTHERN 03																														
CHARLOTTE HALL 1 ESE	99	7-16	5	1-15	1-18	15	3-31	19	3-31	19	4-5	26	4-5	26	10-8	31	10-11	28	11-23	15	11-23	15	11-23	15	309	237	237	189	186	
LA PLATA 1 W	97	6-10	5	1-15	2-25	16	3-31	17	4-5	22	4-10	27	4-26	32	10-8	31	10-12	28	11-22	15	11-22	15	11-23	15	270	236	234	185	163	
LEONARDTOWN 3 NW	98	8-23	5	1-15	3-31	15	3-31	15	4-5	23	4-11	27	4-27	32	10-8	30	10-11	28	11-23	15	11-23	15	11-23	15	237	237	232	183	164	
OWINGS FERRY LANDING	97	7-1	10	1-15							4-26	27	4-26	27	10-8	32	11-22	20	11-22	20	11-22	20	12-19	16				210	165	
PRINCE FREDERICK	96	6-10	4	1-15	2-23	14	3-31	18	4-5	23	4-5	23	4-26	32	10-8	31	10-11	27	11-22	20	11-22	20	12-16	15	296	236	231	189	165	
SOLOMONS	97	6-10	6	1-15	1-15	6	2-25	19	2-25	19	3-31	25	3-31	25	11-22	29	11-22	29	12-1	24	12-19	18	NONE			297	279	236	236	
WALDOORF POLICE BRKS	100	6-11	3	1-15	2-23	13	3-31	17	4-5	23	4-11	26	4-27	32	10-7	32	10-12	26	11-22	18	11-22	18	11-23	11	273	236	231	184	163	
* * *																														
UPPER SOUTHERN 04																														
ANNAPOLIS	97	6-10	2	1-15	1-16	9	2-23	17	3-31	23	4-5	28	4-10	30	10-12	31	11-22	20	11-22	20	11-22	20	NONE			272	236	231	185	
BALTIMORE WB AIRPORT	98	6-15	2	1-15	2-23	14	3-31	20	3-31	20	4-5	26	4-10	30	10-8	32	10-11	27	11-22	18	11-22	18	12-19	19	299	236	236	189	161	
BELTSVILLE	97	7-1	7	1-15	2-25	15	4-5	21	4-5	21	4-5	26	4-27	30	10-6	32	10-11	27	10-24	24	11-22	16	11-22	16	270	234	205	189	162	
BELTSVILLE PLANT STA 5	98	7-1	8	1-15	2-23	12	3-31	17	4-5	23	4-16	28	4-27	31	10-6	32	10-11	26	10-12	24	11-22	16	11-22	16	272	236	190	178	162	
COLLEGE PARK	99	6-30	2	1-15	2-23	16	2-28	20	4-5	24	4-10	27	4-16	31	10-8	32	10-12	26	11-22	23	11-23	15	11-23	15	273	268	231	185	175	
DALECARLIA RESVR D C	98	9-5	5	1-16	2-23	16	2-25	20	3-31	21	3-31	21	3-31	21	10-11	32														
FORT GEORGE G MEADE	98	6-30	8	1-15	2-25	15	4-5	22	4-10	26	4-27	31	4-27	31	10-8	32	10-11	26	10-12	24	11-22	15	11-22	15	270	234	190	184	162	
GLENN DALE BELL STA	98	6-30	9	1-15	2-25	15	4-5	21	4-16	28	4-27	31	4-27	31	10-6	30	10-11	25	10-24	23	11-22	14	11-22	14	270	234	202	178	162	
LAUREL 3 W	98	7-1	10	1-14	2-23	15	2-25	20	3-31	21	4-5	27	4-5	30	10-11	31	11-22	18	11-22	18	12-19	14	12-19	14	299	270	234	232	189	
NATIONAL ARBORETUM D C	98	7-1	5	1-15	1-18	15	2-25	19	3-31	23	4-5	26	4-10	31	10-12	30	10-24	28	11-22	22	11-23	18	12-19	15	335	271	236	202	165	
SUITLAND	96	6-11	9	1-15	1-16	13	2-25	19	3-31	21	4-5	27	4-5	27	10-12	31	11-22	21	11-22	21	12-16	19	12-19	16	337	294	236	231	190	
U. S. SOLDIERS HOME DC	96	6-30	8	1-14	2-23	14	3-31	20	3-31	20	4-5	26	4-5	30	10-11	32	11-21	25	11-22	18	11-22	18	12-19	19	299	236	236	231	189	
UPPER MARLBORO 3 NW	96	7-1	6	1-15	2-13	12	3-31	20	4-5	24	4-10	27	4-27	32	10-7	32	10-12	25	10-24	24	11-23	14	11-23	14	283	237	202	185	163	
WASHINGTON WB CITY D C	98	6-30	13	1-16	1-16	13	2-23	19	3-31	24	4-5	24	4-4	29	11-21	27	11-21	27	11-22	24	12-19	19	NONE			299	236	235	231	
* * *																														
NORTHERN EASTERN SHORE 05																														
CENTREVILLE	95	6-10	5	1-15	2-13	14	2-25	19	4-5	24	4-5	24	4-10	30	10-8	31	10-24	27	11-21	18	11-21	18	12-1	14	291	269	230	202	181	
CHESTERTOWN	98	6-30	10	1-15	1-18	15	2-23	17	3-31	24	4-5	28	4-5	29	10-24	32	11-21	28	11-22	21	12-19	18	NONE			299	236	233	202	
COLEMAN 3 WNW	98	7-1	10	1-15	1-16	12	2-25	18	3-31	24	4-5	28	4-5	31	10-12	32	11-22	22	11-22	22	12-19	18	NONE			275	234	234	190	
MILLINGTON	98	6-30	4	1-15	2-23	15	2-28	20	4-5	21	4-10	28	4-10	28	10-8	31	10-12	28	11-22	20	11-22	20	12-19	17	11-23	13	267	234	185	161
ROCK HALL	95	7-29	5	1-15	1-19	16	2-25	19	2-26	24	4-5	27	4-10	32	10-12	32	10-24	28	11-23	20	11-23	20	NONE				271	270	202	185
* * *																														
NORTHERN CENTRAL 06																														
BALTIMORE WB CITY	98	7-1	12	1-14	1-15	13	2-23	19	3-31	24	3-31	24	4-4	30	11-21	28	11-21	28	11-22	22	12-19	19	NONE			299	234	235	231	
BENSON POLICE BARRACKS	96	8-31	1	1-15	2-28	12	3-31	18	4-5	23	4-10	27	4-26	32	10-8	31	10-12	25	11-22	16	11-22	16	11-22	16	267	234	231	185	165	
BOYDS 2 NW			5	1-15	2-25	13	3-31	17	3-31	17	4-4	25	4-16	30	10-8	32	10-12	28	11-22	16	11-22	16	11-22	16	270	234	230	190	175	
COWINGSDAM	98	6-30	1	1-15	2-28	15	4-5	20	4-5	24	4-10	27	4-10	27	10-8	30	10-24	27	11-21	23	11-22	15	11-22	15	267	234	230	197	181	
ELKTON	98	7-1	0	1-15	2-25	16	3-2	20	4-5	22	4-10	27	4-10	27	10-8	30	10-12	26	10-24	24	11-22	19	11-23	19	271	265	205	185	161	
EMMITSBURG 2 SE	97	6-30	9	1-15	3-1	9	4-5	21	4-5	22	4-5	22	4-26	31	10-6	29	10-8	25	10-11	23	10-12	19	11-22	14	266	193	189	186	183	
FREDERICK WFMD	97	6-30	9	1-14	2-25	12	3-31	18	4-5	24	4-5	23	4-5	25	10-8	29	10-12	25	11-22	17	11-22	17	11-23	19	271	234	234			

Table 3—Continued

TEMPERATURE EXTREMES AND FREEZE DATA

MARYLAND AND DELAWARE
1964

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	93	9-11	0	1-14	3-31	16	4-4	18	4-5	24	4-16	28	4-16	28	10-6	28	10-6	28	10-21	24	11-22	11	11-22	11	236	232	199	173	173
HAGERSTOWN	98	9-11+	-2	1-15	2-28	8	3-31	17	3-31	17	4-5	26	4-5	26	10-8	30	10-24	27	11-22	18	11-22	18	12-16	19	291	236	236	202	186
HANCOCK FRUIT LAB	98	8-23	7	1-15	3-1	12	4-5	19	4-5	19	4-16	27	5-3	32	9-14	32	10-7	28	10-12	22	11-22	18	11-23	11	267	231	190	174	134
PICARDY	99	9-11	5	1-14	2-28	15	4-4	20	4-5	21	4-5	21	4-16	30	10-6	30	10-7	27	11-21	24	11-22	15	11-22	15	267	232	230	189	173
WESTERNPORT	98	9-10	5	2-23	2-26	15	3-31	20	4-4	23	4-4	23	4-16	29	10-6	30	10-7	28	11-22	16	11-22	16	11-22	16	269	236	232	186	173
* * *																													
ALLEGHENY PLATEAU 08																													
BITTINGER 2 NW	89	7-23	-4	1-14	4-4	12	4-4	12	4-9	23	4-16	26	5-29	29	10-6	25	10-6	25	10-7	24	11-21	13	11-21	13	231	231	181	173	139
OAKLAND 1 SE	92	9-10	-17	2-12	4-4	15	4-4	15	4-16	21	5-29	28	5-30	30	8-15	32	9-14	23	9-14	23	10-6	20	11-22	9	232	185	151	108	77
SAVAGE RIVER DAM	93	9-11	-2	1-1	3-19	14	4-4	19	4-6	22	4-16	28	4-16	28	9-14	32	10-6	27	10-21	23	11-22	13	11-22	13	248	232	198	173	151
SINES DEEP CREEK 2	90	9-10	-8	2-12	3-31	15	4-5	20	4-16	22	4-16	22	5-30	30	8-15	31	9-14	25	10-6	20	10-6	20	10-21	16	204	184	173	151	77
DELAWARE																													
* * *																													
NORTHERN 01																													
MIDDLETOWN 1 MSW	98	7-1	-	-	-	-	-	-	4-2	24	4-5	27	4-10	30	10-8	32	10-12	28	11-22	21	11-23	17	12-19	16	-	-	234	190	181
NEWARK UNIVERSITY FARM	98	6-30	0	1-15	2-25	15	3-31	20	4-2	21	4-10	27	4-10	27	10-8	30	10-12	27	10-24	24	11-22	18	11-23	15	271	236	205	185	181
WILMGTN NCASTLE WB AP	98	6-30	1	1-15	2-23	11	2-25	17	3-31	21	4-2	25	4-10	30	10-11	29	10-24	27	11-22	17	11-22	17	12-19	13	299	270	236	205	184
WILMGTN PORTER RESVR	97	6-30	6	1-15	2-25	15	2-28	20	3-31	21	4-4	28	4-5	30	10-11	32	11-21	25	11-22	18	11-22	18	12-19	14	267	267	236	231	189
* * *																													
SOUTHERN 02																													
BRIDGEVILLE 1 NW	100	7-1	4	1-15	2-13	10	3-1	19	4-5	24	4-10	28	4-11	32	10-8	32	10-12	27	11-22	17	11-22	17	12-19	11	309	266	231	189	180
DOVER	98	7-1	5	1-15	1-16	10	2-25	18	3-31	24	4-5	28	4-10	29	10-12	32	11-21	27	11-22	21	11-23	19	12-19	15	337	271	236	230	189
GEORGETOWN 5 SW	98	7-1	4	1-15	2-23	15	2-25	18	4-5	23	4-10	26	4-27	30	10-8	31	10-12	26	11-22	18	11-22	18	11-23	16	273	270	231	189	164
LEWES 1 SW	100	6-10	8	1-15	2-13	16	2-23	19	4-5	22	4-5	22	4-10	31	10-12	31	11-22	21	11-22	21	11-23	19	12-19	16	309	273	231	231	185
MILFORD 3 WNW	98	7-14	4	1-15	1-19	15	2-25	20	3-31	23	4-10	28	4-26	31	10-11	31	10-12	27	11-22	19	11-22	19	11-23	16	308	270	236	189	168
SELBYVILLE	99	6-20	9	12-16+	2-23	16	2-25	18	4-5	24	4-5	24	4-27	32	10-11	29	10-12	26	11-22	20	11-22	20	12-16	9	298	270	231	190	167

See reference notes following Station Index.

TOTAL EVAPORATION AND WIND MOVEMENT

MARYLAND AND DELAWARE
1964

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
MARYLAND														
UPPER SOUTHERN 04														
BELTSVILLE	EVAP	-	-	-	-	6.50	7.18	B 7.61	B 6.17	B 6.50	B 3.24	-	-	-
	DEP	-	-	-	-	.67	.59	.13	.06	1.85	.06	-	-	-
	WIND	-	-	-	-	988	844	1216	B 1169	2424	1664	B 1154	-	-
	MAX	-	-	-	-	79.3	87.2	89.2	84.2	77.2	63.3	57.9	-	-
UPPER MARLBORO 3 NNW	MIN	-	-	-	-	54.5	62.8	68.1	62.5	55.6	43.1	38.7	-	-
	EVAP	-	-	-	-	B 6.86	6.95	6.47	5.49	B 5.37	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	983	641	639	489	B 700	-	-	-	-
ALLEGHENY PLATEAU 08	MAX	-	-	-	-	84.3	91.4	93.1	89.7	86.3	-	-	-	-
	MIN	-	-	-	-	54.9	62.8	68.9	64.9	58.4	-	-	-	-
	EVAP	-	-	-	-	6.81	B 5.81	6.06	5.60	5.01	2.50	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
SAVAGE RIVER DAM	WIND	-	-	-	-	2341	1213	927	1156	1182	1638	-	-	-
	MAX	-	-	-	-	74.5	81.5	87.9	81.9	74.8	57.1	-	-	-
	MIN	-	-	-	-	49.8	56.9	64.0	57.5	51.6	40.4	-	-	-
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	EVAP	-	-	-	-	-	6.64	B 6.27	5.96	5.51	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	-	895	761	829	1056	868	-	-	-
	MAX	-	-	-	-	-	91.9	94.7	90.4	84.3	-	-	-	-
SOUTHERN 02	MIN	-	-	-	-	-	64.0	69.6	65.3	58.9	-	-	-	-
	EVAP	-	-	-	-	-	8.61	7.87	6.91	B 6.28	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	-	1366	1297	1139	1398	-	-	-	-

CHANGES IN STATION NAME

NEW NAME	FORMER NAME	DATE - 1964
MARYLAND		
DENTON 1 WNW	DENTON 1 S	AUGUST 10
ROCK HALL	ROCK HALL 3 SE	JANUARY 9
WESTMINSTER 2 N	WESTMINSTER	FEBRUARY 1

DELAWARE		
MIDDLETOWN 1 WSW	MIDDLETOWN 2 S	MARCH 14

RELOCATION AND CHANGES OF EQUIPMENT

MARYLAND		
DENTON 1 WNW	EQUIPMENT MOVED 1.25 MILE NW	AUGUST 10
PRESTON 1 S	EQUIPMENT MOVED 50 FEET S	AUGUST 11
ROCK HALL	EQUIPMENT MOVED 2.6 MILES WNW	JANUARY 9
SAVAGE RIVER DAM	SUBMERGED SIX'S THERMOMETER ADDED	JULY 1
SNOW HILL	EQUIPMENT MOVED 0.2 MILE S	MARCH 6
WESTMINSTER 2 N	EQUIPMENT MOVED 1.9 MILES N	FEBRUARY 1
DELAWARE		
MIDDLETOWN 1 WSW	EQUIPMENT MOVED 2 MILES NW	MARCH 14
DISTRICT OF COLUMBIA		
NATIONAL ARBORETUM	EQUIPMENT MOVED 2300 FEET N	FEBRUARY 11

STATION INDEX

MARYLAND AND DELAWARE
1964

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.	Refer to tables
								Temp.	Precip.	Evap.		
ANNAPOLIS	0193	04	ANNE ARUNDEL	1	38 59	76 30	40	13	13			1 2 3
BALTIMORE WB AIRPORT	0465	04	ANNE ARUNDEL	3	39 01	76 40	148	30	13			1 2 3 C
BELT POE WB CITY	0700	04	BALTO CITY	1	39 17	76 17	14	27	13			1 2 3
BELTSVILLE	0700	04	PRINCE GEORGE	3	39 02	76 53	120	27	24			1 2 9AC
BELTSVILLE PLANT STA 3	0705	04	PRINCE GEORGE	3	39 01	76 57	120	16	16			1 2 3 C
BENSON POLICE BARRACKS	0708	04	HARFORD	3	39 30	76 23	165	4	4			1 2 3
BITTINGER 2 NW	0801	08	GARRETT	7	39 37	79 15	2700	12	12			1 2 3
BLACKWATER REFUGE	0915	02	DORCHESTER	1	38 26	76 05	5	24	24			1 2 3
ROOMSBORO	0915	02	WASHINGTON	5	39 27	79 18	5	3	3			1 2 3
BOYD 2 NW	1032	06	MONTGOMERY	5	39 12	77 20	580	12	12			1 2 3
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 03	950	19				1 2 3
BROOKDALE	1170	06	MONTGOMERY	5	38 57	77 06	260	19				1 2 3
CAMBRIDGE & M	1385	02	DORCHESTER	1	38 34	76 09	9	5	70			1 2 3
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	12	10			1 2 3
CHARLOTTE HALL 1 ESE	1686	03	ST MARYS	4	38 28	76 45	187	4	4			1 2 3
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	35	59	59			1 2 3
CHEWESVILLE BRIDGEPORT	1790	07	WASHINGTON	5	39 38	77 41	560	67	67			1 2 3
COLMAN 3 WNW	1980	05	KENT	1	39 21	76 08	78	7	7			1 2 3
COLLEGE PARK	1995	04	PRINCE GEORGE	5	38 59	76 56	70	78	78			1 2 3 C
CONQUINGO DAM	2060	06	HARFORD	6	39 19	76 10	40	29	29			1 2 3
CRISFIELD SOMERS COVE	2215	03	SOMERSET	1	37 59	75 52	8	2	2			1 2 3
CUMBERLAND	2280	07	ALLEGANY	5	39 39	78 45	945	94	94			1 2 3
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	5	39 38	78 40	970	17	17			1 2 3
DENTON 1 WNW	2523	02	CAROLINE	1	38 54	75 51	40	13	13			1 2 3
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	73	73			1 2 3
EDGEWATER	2770	07	WASHINGTON	5	39 40	77 33	905	26				1 2 3
EDGEWOOD ARSENAL	2795	06	HARFORD	1	39 21	76 19	10	5	5			1 2 3
ELKTON	2860	06	CECIL	1	39 36	75 50	28	38	38			1 2 3
EMMETTSBURG 2 SE	2900	06	FREDERICK	5	39 41	77 18	420	9				1 2 3
FORT GEORGE G MEADE	3230	04	ANNE ARUNDEL	4	39 06	76 45	140	23	23			1 2 3
FREDERICK WFD	3350	06	FREDERICK	5	39 25	77 28	435	21	21			1 2 3
FREDRICH 3 E	3395	06	FREDERICK	5	39 24	77 22	385	16				1 2 3
FROSTBURG	3410	07	ALLEGANY	5	39 39	78 36	2035	63	63			1 2 3
GLENN DALE BELT STA	3475	04	PRINCE GEORGE	4	38 58	76 48	151	44	44			1 2 3
GRANTSVILLE	3709	08	GARRETT	7	39 42	79 09	2380					1 2 3
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	660	23	23			1 2 3
HANCOCK BUILT LAB	4040	07	WASHINGTON	5	39 42	78 11	428	31	31			1 2 3
LA PLATA 1 W	5080	03	CHARLES	3	38 76	76 20	40	50	3			1 2 3
LAUREL 3 W	5111	04	PRINCE GEORGE	5	39 08	76 34	40	74	74			1 2 3
LEONARDTOWN 3 NW	5201	03	ST. MARYS	1	39 19	76 40	40	5	5			1 2 3 C
LOCH RAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190	15				1 2 3
LUXE	5530	07	ALLEGANY	5	39 28	78 04	1020	27				2 C
MERRILL	5894	08	GARRETT	7	39 05	7790	13					1 2 3
MILLINGTON	5985	05	KENT	1	39 16	75 51	30	67	67			1 2 3
NEW GERMANY	6408	08	GARRETT	7	39 38	79 07	2590					1 2 3
NEW OAKLAND 1 SE	6502	08	GARRETT	7	39 24	78 24	2420	67	67			1 2 3
OCEAN CITY RADIO STA	6670	01	WORCESTER	2	38 20	75 07	27	3	3			1 2 3
OWINGS FERRY LANDING	6770	03	CALVERT	4	38 42	76 41	120	48	48			1 2 3
PARITON 2	6846	06	BALTIMORE	1	39 38	76 42	600	12	12			1 2 3 C
PERRY POINT	6980	06	CECIL	1	39 33	76 04	40					1 2 3
PICARDY	7010	07	ALLEGANY	5	39 39	78 30	2030	38	38			1 2 3
POCONOE CITY 1 S	7134	04	WORCESTER	2	38 54	75 20	20	17	17			1 2 3
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	276	13				1 2 3
PRESTON 1 S	7510	02	CAROLINE	1	38 42	75 55	50	16	16			1 2 3
PRINCE FREDERICK	7828	03	CALVERT	1	38 32	76 35	140	12	12			1 2 3
PRINCESS ANNE	7330	01	SOMERSET	1	38 12	75 41	15	16	16			1 2 3
ROCK HALL	7700	05	KENT	1	39 08	76 14	20	51	51			1 2 3
ROCKVILLE	7708	06	MONTGOMERY	5	39 05	77 09	436	17	17			1 2 3
ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	17	17			1 2 3
SALISBURY	8000	01	WICOMICO	1	38 22	75 35	10	58	58			1 2 3
SALISBURY FAA AIRPORT	8005	01	WICOMICO	1	38 20	75 30	52	17	17			1 2 3
SAVAGE RIVER DAM	8068	08	GARRETT	5	39 31	79 08	1495	14	14			1 2 3AC
SHALLBURN	8191	08	GARRETT	5	39 25	79 12	1700	15				1 2 3
SIMES DEEP CREEK	8315	08	GARRETT	7	39 22	79 20	2040					1 2 3
SINES DEEP CREEK 2	8320	08	GARRETT	7	39 32	79 25	2040	2	2			1 2 3
SNOW HILL	9380	01	WORCESTER	1	38 11	75 24	14	49	49			1 2 3
SOLOMONS	8405	03	CALVERT	1	38 19	76 27	12	73	73			1 2 3
SUITLAND	8656	04	PRINCE GEORGE	5	38 51	76 56	280	2	2			1 2 3
TOWSON	8877	06	BALTIMORE	3	39 24	76 37	410	27	27			1 2 3
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	25	25			1 2 3
UPPER MARLBORO 3 WNW	9070	04	PRINCE GEORGE	4	38 52	76 47	98	9	9			1 2 3
VICINIA	9140	02	DORCHESTER	1	38 39	75 12	16	14				1 2 3
WALDORF POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	17	17			1 2 3
WESTERPORT	9405	07	ALLEGANY	5	39 29	79 03	1000	71	71			1 2 3
WESTMINTER 2 N	9471	06	CARROLL	1	38 58	76 01	230	19	19			1 2 3
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	930	4	4			1 2 3
WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360	26	26			1 2 3
WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	435	95	95			1 2 3
DISTRICT OF COLUMBIA												
DALECARLIA RESVR D C	2325	04			5 38 56	77 07	146	19				1 2 3
NATIONAL AERONAUTIC D C	6350	04			5 38 56	76 58	50	18				1 2 3
SCOLDERS HOME DC	8015	01			5 38 56	77 03	73	19				1 2 3
WASHINGTON WB CITY D C	9290	04			5 38 54	77 03	72	94				1 2 3 C
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	2	38 45	75 37	50	74	74			1 2 3
DONKEY KENT	2742	02	KENT	1	38 09	75 31	21	77	42			1 2 3
GEORGETOWN 2 NW	3570	02	SUSSEX	1	38 38	75 28	45	19	11			1 2 3AC
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	20	20			1 2 3
NEW CASTLE	5895	01	NEW CASTLE	1	38 45	76 45	660	13				1 2 3
NEW CASTLE	5915	02	SUSSEX	2	38 56	75 29	92	69				1 2 3
NEW CASTLE	6402	01	NEW CASTLE	2	39 40	75 29	50	52	8			1 2 3AC
NEW CASTLE	8269	02	SUSSEX	2	38 28	75 13	32	11	11			1 2 3
NEW CASTLE	8605	01	NEW CASTLE	3	39 46	75 36	27	53				1 2 3
WILMINGTON RESVR BR AP	9605	01	NEW CASTLE	2	39 46	75 32	274	53	53			1 2 3

