

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
ROBERT M. WHITE, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

MAY 1964

Volume 68 No. 5



ASHEVILLE: 1964

MARYLAND AND DELAWARE - MAY 1964

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 95° on the 23d at Chestertown, Md. and on the 9th at La Plata 1 W, Md.

Lowest Temperature: 28° on the 29th at Oakland 1 SE, Md.

Greatest Total Precipitation: 2.27 inches at Dalecarlia Reservoir, D. C.

Least Total Precipitation: 0.19 inch at Middletown 1 WSW and Georgetown 5 SW, Del.

Greatest One-Day Precipitation: 2.00 inches on the 13th at Dalecarlia Reservoir, D. C.

SPECIAL WEATHER SUMMARY

Based on published records that date back to 1892, May 1964 is the driest May on record for both Maryland and Delaware. Eastern Shore and Delaware had especially low monthly rainfall totals. The first-order Weather Bureau stations at Baltimore and Wilmington reported the following: for Baltimore, the amounts of 0.43 inch at Friendship International Airport and of 0.61 inch at the downtown Customs House were the lowest May totals for a record dating from 1871, while for Wilmington the amount of 0.22 inch was the lowest for a record that began in 1894.

This dry period would have been more serious if the pre-

cipitation totals for the first four months of 1964 had not been above normal. Reflecting this also is the information released by the U. S. Geological Survey, showing that the streamflow over the two-state area at the end of May was still nearly median.

W. J. Moyer
Weather Bureau State Climatologist
Weather Bureau Airport Station
Friendship International Airport
Baltimore, Maryland 21240

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
MAY 1964

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
																		Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										30° or more above	32° or below	33° or below	0° or below										
MARYLAND																							
SOUTHERN EASTERN SHORE 01																							
CRISFIELD SOMERS COVE	76.3	58.4	67.4	.5	86	25.	45	3+	69	0	0	0	0	.83	- 2.86	.51	29	.0	0		3	1	0
OCEAN CITY WATER PLANT	72.0	54.1	63.1		87	9	41	1	131	0	0	0	0	.36		.28	13	.0	0		1	0	0
POCOMOKE CITY 1 S	78.1	50.5	64.3		91	23	36	7	117	2	0	0	0	.57		.20	13	.0	0		3	0	0
PRINCESS ANNE	78.6	52.6	65.6		90	24.	39	7	97	2	0	0	0	.51		.19	18	.0	0		3	0	0
SALISBURY	78.8	54.0	66.4		92	23	42	2	88	2	0	0	0	.41	- 3.21	.22	13	.0	0		2	0	0
SALISBURY FAA AIRPORT	75.9	53.2	64.6		92	23	41	7	123	2	0	0	0	.30		.11	12	.0	0		1	0	0
SNOW HILL	77.3	53.0	65.2	1.1	93	23	41	7	108	4	0	0	0	.45	- 3.16	.25	13	.0	0		1	0	0
DIVISION																							
CENTRAL EASTERN SHORE 02																							
BLACKWATER REFUGE	77.7	57.5	67.6		90	23.	46	30+	72	2	0	0	0	.35		.16	19	.0	0		2	0	0
CAMBRIDGE 4 W	77.0	53.5	65.3		91	23	42	7	92	2	0	0	0	.73		.30	14	.0	0		2	0	0
DENTON 1 S																							
EASTON POLICE BARRACKS	79.6	54.3	67.0	2.3	92	23	41	2	73	3	0	0	0	.43	- 3.45	.20	13	.0	0		1	0	0
PRESTON 1 S	77.4	53.1	65.3		92	23	41	2	101	3	0	0	0	.41		.19	14	.0	0		2	0	0
ROYAL OAK	78.1	54.4	66.3		91	23	41	2	76	1	0	0	0	.33		.17	14	.0	0		1	0	0
VIENNA	78.0M	54.2M	66.1M		93	24.	42	7+	94	4	0	0	0	.30		.10	13	.0	0		1	0	0
DIVISION																							
LOWER SOUTHERN 03																							
CHARLOTTE HALL 1 ESE	80.9M	53.8M	67.4M		93	23.	42	16	74	6	0	0	0	.45		.24	14	.0	0		2	0	0
LA PLATA 1 W	79.2	51.6	65.4		95	9	41	4	89	3	0	0	0	.79		.69	13	.0	0		1	1	0
LEONARDTOWN 3 NW	78.6	52.5	65.6		94	9	40	5	91	3	0	0	0	.81		.40	14	.0	0		2	0	0
OWINGS FERRY LANDING	77.2	55.2	66.2	1.4	92	23.	37	1	93	3	0	0	0	.80	- 3.30	.65	13	.0	0		2	1	0
PRINCE FREDERICK	78.7M	53.2M	66.0M		93	23.	41	30+	106		0	0	0	.87		.44	1	.0	0		2	0	0
SOLOMONS																							
WALDORF POLICE BRKS	80.0	51.7	65.9		94	23	40	7	93	6	0	0	0	1.00		.80	13	.0	0		1	1	0
DIVISION																							
UPPER SOUTHERN 04																							
ANNAPOLIS	78.0	54.7	66.4	2.3	92	23	44	3	77	4	0	0	0	1.03	- 2.80	.58	17	.0	0		3	1	0
BALTIMORE WB AIRPORT R	78.1	52.5	65.3	.9	94	23	44	16+	87	4	0	0	0	.43	- 3.55	.43	13	.0	0		1	0	0
BELTSVILLE	76.1	50.4	63.3		91	24	39	21	128	2	0	0	0	1.04		.92	14	.0	0		1	1	0
BELTSVILLE PLANT STA 5	76.9	49.1	63.0		92	24	39	21	128	2	0	0	0	1.71		1.68	14	.0	0		1	1	1
COLLEGE PARK	80.0	52.7	66.4	1.8	94	23	43	21+	80	5	0	0	0	1.59	- 2.62	1.22	13	.0	0		3	1	1
DALECARLIA RESVR D C	78.9	52.8	65.9		93	8	40	2	76	2	0	0	0	2.27		2.00	13	.0	0		2	1	1
FORT GEORGE G MEADE	79.2	50.2	64.7		92	23	41	28+	97	2	0	0	0	1.20		.68	17	.0	0		3	1	0
GLENN DALE BELL STA	79.6	50.3	65.0	1.2	92	24.	39	21	98	3	0	0	0	1.20	- 3.03	1.10	14	.0	0		1	1	1
LAUREL 3 W	78.3	55.3	66.8		92	23	43	3+	77	2	0	0	0	2.00		1.82	13	.0	0		2	1	1
NATIONAL ARBORETUM D C	80.1	55.1	67.6		92	23	42	2	65	4	0	0	0	1.17		1.17	14	.0	0		1	1	1
SUITLAND	76.2	54.8	65.5		91	24	43	3+	99	2	0	0	0	1.00		.70	14	.0	0		2	1	0
U. S. SOLDIERS HOME DC	77.3	53.1	65.2		90	23.	41	6	91	2	0	0	0	1.79		1.32	13	.0	0		2	1	1
UPPER MARLBORO 3 NNW	77.0	51.4	64.2		92	24	40	5	118	3	0	0	0	.83		.52	14	.0	0		3	1	0
WASHINGTON WB CITY D C R	78.5	57.0	67.8		94	23	44	3+	99	4	0	0	0	1.73		1.28	13	.0	0		2	1	1
DIVISION																							
NORTHERN EASTERN SHORE 05																							
CENTREVILLE	77.7	52.1	64.9		91	23	40	2	106	2	0	0	0	.61		.46	14	.0	0		2	0	0
CHESTERTOWN	78.6	54.3	66.5		95	23	40	2	78	3	0	0	0	.61		.52	13	.0	0		1	1	0
COLEMAN 3 NNW	78.2				92	23	42	3+		1	0	0	0	.78	- 3.39	.50	14	.0	0		2	1	0
MILLINGTON	78.2	51.6	64.9	1.0	93	23	38	2	98	2	0	0	0	.37	- 3.56	.23	13	.0	0		2	0	0
ROCK HALL	78.3	54.0	66.2	2.0	93	23	40	2	84	2	0	0	0	.55	- 3.41	.45	14	.0	0		2	0	0
DIVISION																							
NORTHERN CENTRAL 06																							
BALTIMORE WB CITY	78.5	59.4	69.0	2.9	94	23	44	3	52	4	0	0	0	.61	- 3.54	.61	13	.0	0		1	1	0
BENSON POLICE BARRACKS	77.9	49.2	63.6		90	24.	38	3+	115	2	0	0	0	.96		.69	14	.0	0		2	1	0
BOYDS 2 NW																							
CONOWINGO DAM	77.3	50.2	63.8		94	23	40	3	104	4	0	0	0	.77		.45	13	.0	0		2	0	0
ELKTON	79.2	51.4M	65.3M	2.0	94	23	40	3	86	3	0	0	0	.66	- 3.59	.62	14	.0	0		1	1	0
EMMITSBURG 2 SE	77.9	49.3	63.6		90	23	38	3	117	1	0	0	0	1.85		1.02	1	.0	0		3	2	1
FREDERICK WFMD	78.2	51.9	65.1	2.5	92	23	41	29+	89	2	0	0	0	.25	- 3.66	.21	13	.0	0		1	0	0
PARKTON 2 SW	74.7	48.7	61.7		90	23	35	3	143	1	0	0	0	.79		.76	13	.0	0		1	1	0
ROCKVILLE	78.1	53.0	65.6		90	23	42	2+	78	1	0	0	0					.0	0				
TOWSON	78.1	51.1	64.6		90	24.	41	29+	98	2	0	0	0	1.48	- 2.70	1.40	14	.0	0		1	1	1
UNIONVILLE	77.8M	46.1M	62.0M		90	23	35	4	129	1	0	0	0	.51		.38	17	.0	0		2	0	0
WESTMINSTER 2 N	75.2	51.1	63.2	.7	90	23	36	3	120	1	0	0	0	.51	- 3.44	.36	1	.0	0		2	0	0
WHEATON REGIONAL PARK	78.8	50.0	64.4		93	23	40	3	98	2	0	0	0	.71		.70	14	.0	0		1	1	0
WOODSTOCK	77.9M	48.0M	63.0M		91	23			118	1	0	0	0	.61	- 3.45	.42	13	.0	0		2	0	0
DIVISION																							

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
MAY 1964

Continued

Station	Temperature										Precipitation																		
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days						Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max.		Min.								Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										80° or Above	32° or Below	32° or Below	16° or Below	0° or Below															
APPALACHIAN MOUNTAIN 07																													
BOONSBORO	76.9	53.5	65.2		90	23	40	29*	88	1	0	0	0	.44		.34	13	.0	0		1	0	0						
CHEWSVILLE BRIDGEPORT	78.9	50.6	64.8	2.9	92	23*	37	3	88	3	0	0	0	.66	= 3.35	.51	13	.0	0		1	1	0	0					
CUMBERLAND	79.8	51.4	65.6		93	19	39	29	74	4	0	0	0	.36		.21	14	.0	0		1	0	0	0					
CUMBERLAND POLICE BRKS	79.2	48.5	63.9		93	19	35	3	104	4	0	0	0	.29		.12	13	.0	0		1	0	0	0					
FROSTBURG	71.0	47.9	59.5	.5	86	24*	35	29	205	0	0	0	0	.75	= 3.58	.48	14	.0	0		2	0	0	0					
HAGERSTOWN	78.2	53.0	65.6		92	19	38	3	88	3	0	0	0	.79		.58	13	.0	0		2	1	0	0					
HANCOCK FRUIT LAB	77.0	47.1	62.1		93	20	32	3	154	3	0	1	0	1.39	= 2.49	.84	14	.0	0		2	2	0	0					
PICARDY	77.0	50.7	63.9		90	19	35	29	109	1	0	0	0	1.08		.54	13	.0	0		3	1	0	0					
WESTERNPORT	78.3	50.2	64.3	1.6	90	23*	37	29	83	2	0	0	0	.52	= 3.65	.20	13	.0	0		2	0	0	0					
DIVISION			63.9	1.7										.70	= 3.28			.0											
ALLEGHENY PLATEAU 08																													
BITTINGER 2 NW	69.6	45.7	57.7		82	23*	29	29	236	0	0	1	0	2.10		.61	12	.0	0		6	2	0	0					
OAKLAND 1 SE	71.3	43.0	57.2	.3	82	19	28	29	243	0	0	3	0	1.54	= 3.17	.41	20	.0	0		5	0	0	0					
SAVAGE RIVER DAM	71.6	47.0	59.3		85	20	35	29	197	0	0	0	0	.91		.24	13	.0	0		4	0	0	0					
SINES DEEP CREEK 2	73.0	41.9	57.5	1.2	84	19	29	29	227	0	0	2	0	1.77	= 2.90	.90	13	.0	0		4	1	0	0					
DIVISION			57.9	1.3										1.58	= 2.96			.0											
DELAWARE																													
NORTHERN 01																													
MIDDLETOWN 1 WSW	77.6	51.5	64.6		92	24*	41	2	100	2	0	0	0	.19		.14	14	.0	0		1	0	0	0					
NEWARK UNIVERSITY FARM	78.2	50.5	64.4		91	24*	39	3	102	2	0	0	0	.54		.48	14	.0	0		1	0	0	0					
WILMGTN NCASTLE WB AP	76.1	52.5	64.3	1.6	92	23	43	3*	91	2	0	0	0	.22	= 3.31	.16	13	.0	0		1	0	0	0					
WILMGTN PORTER RESVR	75.6M	52.9M	64.3M		90	23	40	3	95	1	0	0	0	.39	= 3.71	.22	13	.0	0		2	0	0	0					
DIVISION			64.4	1.5										.34	= 3.66			.0											
SOUTHERN 02																													
BRIDGEVILLE 1 NW	77.5	52.4	65.0	1.3	93	23	40	2	112	3	0	0	0	.49	= 3.29	.31	14	.0	0		1	0	0	0					
DOVER	78.5	53.4	66.0	1.6	92	24*	40	3*	85	3	0	0	0	.58	= 3.57	.44	14	.0	0		1	0	0	0					
GEORGETOWN 5 SW	78.7	50.9	64.8		93	24*	39	16*	113	4	0	0	0	.19		.09	29	.0	0		0	0	0	0					
LEWES 1 SW	74.3	53.1	63.7		93	24	40	7*	139	3	0	0	0	.20		.10	29	.0	0		1	0	0	0					
MILFORD 3 WNW					93	24					0	0	0					.0	0										
SELBYVILLE	76.7	51.7	64.2		94	23	39	16	127	3	0	0	0	.23		.11	13	.0	0		1	0	0	0					
DIVISION			64.7	.8										.34	= 3.55			.0											

See Reference Notes Following Station Index

MARYLAND AND DELAWARE
MAY 1964

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																		
SOUTHERN EASTERN SHORE 01																																		
CRISFIELD SOMERS COVE	MAX MIN	56 47	58 45	64 45	73 49	72 48	73 47	72 47	83 60	84 67	81 67	80 64	80 63	79 66	72 62	72 54	69 48	82 58	80 63	81 67	81 69	81 57	78 56	85 69	86 72	86 70	80 58	82 68	81 61	71 55	72 52	71 57	76.3 58.4	
OCEAN CITY WATER PLANT	MAX MIN	51 41	50 44	53 44	58 47	58 48	57 47	65 42	76 56	87 58	80 56	81 58	70 58	68 58	76 60	75 52	63 48	78 54	77 60	84 60	82 64	76 53	67 49	83 59	80 61	81 62	86 55	86 59	69 57	68 56	65 54	72.0 54.1		
POCOMOKE CITY 1 S	MAX MIN	56 46	57 44	62 44	71 46	72 38	72 44	77 36	88 49	89 70	85 57	82 48	85 55	83 59	75 60	74 49	72 38	84 47	82 56	84 51	85 39	80 61	91 91	80 65	89 89	80 88	88 83	69 69	70 65	65 50	78.1 50.5			
PRINCESS ANNE	MAX MIN	55 46	58 42	62 44	73 44	71 42	74 44	76 39	87 52	88 69	87 62	84 52	82 58	81 63	75 58	74 49	72 40	84 51	83 56	83 57	85 66	83 41	80 46	90 67	89 66	82 68	82 67	85 68	73 53	73 40	70 55	78.6 52.6		
SALISBURY	MAX MIN	53 46	56 42	59 45	70 45	71 44	72 45	77 43	88 55	89 70	89 65	82 54	84 60	81 62	76 50	72 50	73 44	85 56	85 57	88 68	82 45	85 47	92 63	90 65	89 71	81 52	86 60	84 54	73 54	74 44	71 56	78.8 54.0		
SALISBURY FAA AIRPORT	MAX MIN	52 46	52 44	58 44	68 46	66 44	69 46	78 41	89 57	89 71	82 58	78 55	84 60	82 64	75 59	63 48	76 42	85 53	82 58	84 57	82 44	82 91	87 66	91 69	80 65	81 49	87 73	71 74	70 47	63 42	75.9 53.2			
SNOW HILL	MAX MIN	54 46	53 48	59 44	70 46	69 42	71 45	78 41	90 53	91 70	85 66	81 51	82 57	83 61	76 61	70 49	71 43	85 50	85 58	86 50	86 65	75 45	82 42	93 62	91 67	81 68	77 48	88 60	81 54	69 54	71 42	65 56	77.3 53.0	
CENTRAL EASTERN SHORE 02																																		
BLACKWATER REFUGE	MAX MIN	54 49	58 46	64 48	73 49	73 47	74 49	76 48	86 59	90 72	89 69	81 59	80 61	80 67	73 61	68 51	72 50	82 60	80 61	84 64	84 69	80 51	79 58	90 68	89 72	88 71	79 52	86 68	86 53	69 55	72 46	71 51	77.7 57.5	
CAMBRIDGE 4 W	MAX MIN	53 45	57 43	64 45	72 45	73 43	73 48	78 42	87 53	90 66	81 61	79 52	83 55	75 63	71 59	66 50	73 44	81 55	81 57	86 58	81 66	78 44	84 53	91 63	89 67	81 70	76 49	86 64	80 50	72 54	76 43	71 53	77.0 53.5	
DENTON 1 S	MAX MIN																																	
EASTON POLICE BARRACKS	MAX MIN	53 46	58 41	68 45	74 43	73 45	74 46	79 45	88 55	90 68	88 66	81 53	83 57	80 64	80 61	78 49	75 49	82 57	82 59	89 58	87 62	77 46	84 48	92 64	91 68	89 72	80 50	87 64	86 53	71 46	75 53	74 53	79.6 54.3	
PRESTON 1 S	MAX MIN	52 46	55 41	61 45	73 42	72 42	73 45	77 42	86 55	90 66	82 62	78 52	83 56	78 64	72 59	66 48	74 44	81 56	82 56	87 58	81 66	76 44	83 49	92 64	91 66	86 68	80 48	87 64	82 50	71 53	77 42	71 54	77.4 53.1	
ROYAL OAK	MAX MIN	54 46	62 41	68 44	74 44	77 44	73 44	77 46	86 54	88 67	85 67	80 53	82 55	74 64	72 59	65 50	75 49	82 58	82 60	85 66	82 66	77 45	83 55	91 65	89 84	80 71	85 52	84 72	78 51	76 46	76 52	78.1 54.4		
VIENNA	MAX MIN	53 43	51 42	62 45	69 44	74 43		78 42	90 57	91 66	84 64	81 54	82 59	79 65	75 60	67 49	73 49	84 56	83 55	85 59	84 67	73 44	82 53	93 67	93 69	82 58	80 49	88 65	78 51	73 54	76 44		78.0 54.2	
LOWER SOUTHERN 03																																		
CHARLOTTE HALL 1 ESE	MAX MIN	57 46	60 44	61 45	73 46	74 43	74 45	81 46	89 55	93 68	92 59	90 53	85 57	85 73	73 42	73 45	78 42		84 57	89 59	87 64	80 51	87 53	93 66	91 67	91 65	88 50	89 62	87 51	73 57	75 43	75 56	80.9 53.8	
LA PLATA 1 W	MAX MIN	52 48	62 45	64 46	74 41	75 42	75 43	81 44	89 52	95 68	87 56	83 51	84 57	78 63	72 55	65 47	78 43	83 53	82 55	89 50	84 62	74 43	86 53	93 59	91 62	85 66	82 45	88 60	80 50	71 48	76 43	77 51	79.2 51.6	
LEONARDTOWN 3 NW	MAX MIN	52 46	60 45	63 45	74 46	73 40	75 48	80 42	88 52	94 66	85 61	82 51	75 57	78 62	75 55	67 42	77 42	83 55	82 55	87 57	83 64	73 46	83 52	91 66	90 64	87 68	81 43	89 62	85 48	73 52	76 41	74 54	78.6 52.5	
OWINGS FERRY LANDING	MAX MIN	52 37	58 45	61 45	70 46	70 47	71 47	82 49	88 57	92 70	83 68	80 58	79 57	75 64	71 57	67 47	76 44	82 57	81 58	86 60	83 70	72 48	85 54	92 67	91 67	84 71	80 51	87 63	81 53	70 52	72 47	73 57	77.2 55.2	
PRINCE FREDERICK	MAX MIN	55 46	57 43	62 44	71 46	71 41	71 41	81 45	89 55	93 69	89 63	82 53	81 55	81 64	73 57	68 46	73 43	84 56	82 55	87 59	87 66	76 51	86 52	93 65	90 68	89 67		87 47	84 51	68 41	72 41		78.7 53.2	
SOLOMONS																																		
WALDORF POLICE BRKS	MAX MIN	54 45	57 41	60 42	71 42	76 41	74 44	83 40	89 53	92 66	91 64	83 50	83 55	81 61	74 54	67 46	78 42	78 51	85 53	89 53	89 64	80 46	91 49	94 61	92 69	90 64	82 45	89 59	88 49	72 53	74 43	74 58	80.0 51.7	
UPPER SOUTHERN 04																																		
ANNAPOLIS	MAX MIN	55 46	67 48	64 44	72 45	73 45	72 48	71 48	90 56	91 66	83 62	79 53	79 56	76 61	72 56	66 46	74 46	80 54	83 57	89 58	85 68	71 51	88 55	92 61	90 64	86 70	79 50	87 68	82 53	71 54	75 50	75 57	78.0 54.7	
BALTIMORE WB AIRPORT	MAX MIN	54 46	61 44	65 44	74 45	73 45	72 48	81 47	90 58	89 70	80 57	80 58	78 56	78 59	70 52	64 46	79 44	81 53	82 55	92 57	81 48	72 48	89 50	94 62	92 64	83 60	83 50	89 80	71 49	73 49	74 54		78.1 52.5	
BELTSVILLE	MAX MIN	50 45	53 44	61 43	64 44	74 41	73 40	72 41	83 51	88 64	88 64	78 51	77 51	80 57	68 55	67 43	67 48	78 48	81 50	80 52	87 65	78 39	71 46	86 70	91 55	86 44	80 55	87 46	69 46	71 46	74 57		76.1 50.4	
BELTSVILLE PLANT STA 5	MAX MIN	51 45	54 45	61 44	64 43	75 40	73 42	72 41	85 50	88 58	90 61	81 45	78 49	81 55	78 52	69 45	68 42	78 51	83 50	88 61	80 39	72 46	88 54	92 66	92 69	89 69	82 45	80 56	87 47	68 46	72 43		76.9 49.1	
COLLEGE PARK	MAX MIN	52 46	61 45	64 44	75 47	75 43	73 43	85 45	90 54	92 66	82 68	82 54	80 56	79 60	70 46	70 46	79 43	84 54	84 53	89 68	89 68	80 48	82 52	94 61	92 67	92 72	83 49	89 63	86 51	72 49	74 46		80.0 52.9	
DALECARLIA RESVR D C	MAX MIN	53 42	61 40	67 43	75 44	77 45	76 45	82 50	93 56	90 62	88 67	81 52	81 55	80 61	75 46	68 46	78 47	82 56	83 56	89 67	88 46	78 46	86 60	88 64	88 69	81 49	79 50	86 45	78 55	74 48	75 54		78.9 52.8	
FCRT GEORGE G MEADE	MAX MIN	53 45	64 43	66 43	76 44	75 42	75 42	83 46	89 52	90 64	85 65	76 59	80 58	80 58	71 47	69 46	80 41	81 50	83 53	89 63	86 42	76 48	87 57	92 60	92 68	88 49	80 44	86 56	84 44	72 44	75 52		79.2 50.2	
GLENN DALE BELL STA	MAX MIN	51 45	61 44	64 43	74 41	74 41	73 43	84 43	89 52	91 66	86 68	81 54	81 51	80 57	74 55	73 46	79 42	82 51	83 54	88 64	88 39	79 47	87 57	92 60	92 68	89 70	81 43	87 56	86 44	72 43	73 53		79.6 50.3	
LAUREL 3 W	MAX MIN	51 45	62 43	64 43	72 48	74 50	74 48	80 51	88 64	88 67	85 65	78 58	84 64	80 61	75 45	67 45	77 48	82 58	82 58	87 60	86 46	78 46	86 51	92 64	90 65	86 65	81 55	86 63	80 55	70 48	74 49		78.3 55.3	
NATIONAL ARBORETUM D C	MAX MIN	52 46	63 42	67 45	74 47	76 45	74 45	85 47	89 55	91 70	88 67	82 53	83 55	80 67	75 47	70 47	79 43	83 58	88 61	87 69	78 45	85 54	92 66	90 69	92 62	80 62	82 65	86 52	72 54	76 43	76 57		80.1 55.1	
SUITLAND	MAX MIN	51 45	52 43	60 43	63 46	73 48	73 48	72 50	83 58	88 69	90 58	81 55	79 59	81 58	78 47	69 46	65 46	78 58	82 58	82 69	86 47	79 53	85 65	91 66	92 66	89 54	81 53	79 46	87 53	69 48	71 58		76.2 54.8	
U. S. SOLDIERS HOME DC	MAX MIN	53 44	61 42	65 42	73 47	74 48	73 41	84 57	88 68	90 70	81 62	80 57	81 57	76 61	70 46	64 46	77 50	82 58	82 52	86 60	81 43	71 43	86 50	92 62	90 81	80 64	84 50	88 58	86 53	72 50	75 50		77.3 53.1	
UPPER MARLBORO 3 NNW	MAX MIN	51 46	53 45	60 44	71 46	72 44	73 41	72 41	83 44	90 63	91 61	82 63	80 52	81 56	79 45	70 45	68 42	78 54	83 58	82 58	80 41	72 47	86 58	92 61	90 80	89 47	81 61	86 48	70 43	71 53		77.0 51.6		

CONTINUED

DAILY TEMPERATURES

MARYLAND AND DELAWARE
MAY 1964

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WASHINGTON WB CITY D C	MAX MIN	53 46	62 44	64 44	76 51	76 51	76 53	87 53	91 59	91 71	81 69	81 58	82 61	80 62	69 52	67 47	79 52	84 59	83 58	89 63	79 63	73 51	88 57	94 64	91 68	80 64	82 57	86 66	68 59	71 52	76 53	74 60	78.5 57.0
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	55 45	59 40	65 41	73 41	73 42	72 44	75 42	87 55	88 66	80 66	77 49	82 54	77 63	75 59	69 42	74 42	81 55	82 58	86 59	85 63	76 44	83 50	91 61	90 63	86 70	80 49	86 62	81 49	72 50	76 46	73 46	77.7 52.1
CHESTERTOWN	MAX MIN	55 45	62 40	65 42	74 43	74 46	75 46	78 43	88 57	87 67	81 62	80 54	83 58	78 63	74 58	66 45	75 50	82 58	86 58	86 63	86 63	75 46	84 53	95 65	91 66	83 66	81 54	87 64	75 54	73 50	77 47	76 53	78.6 54.3
COLEMAN 3 WNW	MAX MIN	58 45	61 42	67 42	73 45	73 47	73 48	79 48	87 58	87 66	82 67	77 57	79 58	79 62	75 59	70 50	78 62	80 59	82 50	86 63	83 59	76 50	84 62	92 68	88 45	85 61	80 54	87 65	83 53	72 48	73 48	76 53	78.2
MILLINGTON	MAX MIN	56 45	60 38	65 42	74 41	73 42	74 44	79 43	89 53	89 64	84 65	79 48	79 52	73 61	68 59	68 49	75 45	80 53	84 53	87 58	85 64	73 41	84 48	93 58	90 60	84 70	80 48	87 63	84 46	70 48	75 46	74 52	78.2 51.6
ROCK HALL	MAX MIN	55 45	61 40	66 42	74 41	73 45	73 47	75 47	88 53	87 61	83 59	79 51	81 57	77 63	74 59	71 49	75 47	80 59	84 58	86 61	84 68	77 45	81 55	93 62	91 67	87 71	81 54	85 65	84 53	72 50	74 48	75 53	78.3 54.0
NORTHERN CENTRAL 06																																	
BALTIMORE WB CITY	MAX MIN	55 47	60 45	65 44	73 52	75 55	73 53	84 56	90 67	89 72	82 69	81 64	80 65	78 64	71 55	66 51	78 53	83 61	86 66	91 66	81 60	72 53	89 56	94 70	92 74	84 67	83 62	88 66	70 60	73 54	73 54	75 61	78.5 59.4
BENSON POLICE BARRACKS	MAX MIN	55 43	63 38	67 38	74 41	75 41	73 42	80 42	89 54	88 60	87 56	79 47	78 47	78 51	74 54	66 46	73 40	77 50	80 52	87 53	85 66	75 41	82 50	90 55	90 59	86 66	81 51	85 57	83 51	70 45	72 41	74 49	77.9 49.2
BOYDS 2 NW	MAX MIN																																
CONOWINGO DAM	MAX MIN	55 44	59 43	65 40	72 43	72 43	70 45	82 43	90 52	87 58	78 57	78 48	79 49	75 58	71 54	66 49	77 46	80 54	82 49	90 50	83 59	72 44	85 49	94 54	92 59	80 65	82 50	86 59	72 52	71 45	75 43	75 51	77.3 50.2
ELKTON	MAX MIN	57 45	62 45	68 40	76 41	74 44	75 46	80 42	90 54	87 61	84 58	79 50	79 50	80 60	72 56	68 48	75 46	81 55	83 50	89 51	86 70	78 47	85 48	94 55	90 60	87 68	81 63	87 47	85 45	71 43	76 53	75 53	79.2 51.4
EMMITSBURG 2 SE	MAX MIN	50 42	62 39	67 38	73 40	75 43	73 43	80 44	84 55	85 65	81 64	77 47	77 53	75 53	68 44	70 49	78 42	79 52	83 50	89 50	88 66	75 39	87 47	90 53	88 58	85 64	80 45	84 60	88 48	73 41	75 41	77 52	77.9 49.3
FREDERICK WFMD	MAX MIN	50 45	62 42	65 41	72 44	75 46	74 45	79 48	85 59	86 64	81 63	81 50	79 53	69 53	69 56	80 46	80 46	81 55	83 56	89 56	87 69	75 41	89 50	92 51	90 63	82 65	80 52	85 52	83 49	72 41	75 48	75 53	78.2 51.9
PARKTON 2 SW	MAX MIN	52 43	59 37	65 35	71 40	72 44	70 43	82 45	86 57	86 61	75 57	75 48	75 50	74 56	68 53	63 45	76 42	78 52	80 52	86 53	75 51	68 39	84 45	90 55	87 60	78 59	79 48	82 60	68 49	68 41	71 41	72 50	76.7 48.7
ROCKVILLE	MAX MIN	52 42	60 42	64 43	73 51	76 49	75 48	84 49	88 60	86 66	85 63	78 54	79 60	79 59	77 55	66 45	78 46	79 55	82 55	87 46	86 55	78 44	84 53	90 54	88 64	85 52	80 47	85 62	80 44	71 41	71 46	72 46	78.1 53.0
TOWSON	MAX MIN	54 44	60 41	65 41	73 45	77 47	76 41	82 46	87 55	86 65	85 62	77 48	78 53	78 61	72 54	70 47	80 54	80 54	84 53	87 54	86 68	76 44	85 50	90 57	90 62	86 62	80 47	83 49	78 44	70 41	72 46	73 46	78.1 51.1
UNIONVILLE	MAX MIN		64 36	67 37	78 35	76 40	75 38	80 41	85 50	85 58	78 58	76 43	76 50	80 52	68 51	67 39	78 39	79 48	81 46	86 48	81 61	73 36	85 49	90 50	87 54	81 50	80 41	83 58	77 48	70 36	73 39	76 51	77.8 46.1
WESTMINSTER 2 N	MAX MIN	51 43	59 38	65 36	71 42	72 48	72 45	81 46	83 58	83 65	77 62	73 52	73 52	76 57	66 53	67 42	79 46	80 52	86 51	80 65	71 41	85 57	90 49	85 58	82 62	80 62	81 47	79 62	77 52	67 43	72 52	73 52	75.2 51.1
WHEATON REGIONAL PARK	MAX MIN	52 44	62 41	65 40	73 44	76 41	76 41	83 43	90 52	89 63	84 61	78 48	79 51	81 56	73 44	68 44	79 41	81 53	80 44	87 52	86 66	78 41	86 52	93 65	88 59	85 64	81 46	85 59	83 48	71 44	74 44	77 52	78.8 50.0
WOODSTOCK	MAX MIN	53 45		64 42	74 44	74 41	73 40	81 42	87 50	86 62		77 46	78 51	76 46	69 56	67 44	79 42		82 50	87 49	86 75	75 39	86 44	91 53	88 58	84 67	80 44	83 57	82 45	70 42	74 40	74 50	77.9 48.0
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	MAX MIN	50 46	63 44	66 40	72 48	75 52	72 48	83 52	83 62	84 69	78 61	76 52	76 56	78 59	67 52	70 42	80 51	79 58	81 52	89 58	87 64	71 43	88 55	90 62	86 64	81 64	79 50	82 64	80 49	70 40	74 48	74 55	76.9 53.5
CHEWESVILLE BRIDGEPORT	MAX MIN	50 45	63 44	69 37	74 43	78 45	74 44	82 46	85 55	86 64	80 61	78 50	79 53	81 54	78 51	70 43	80 44	78 44	83 49	92 53	91 65	73 43	89 50	92 56	87 59	85 62	82 46	84 62	82 49	71 42	75 46	75 46	78.9 50.6
CUMBERLAND	MAX MIN	52 46	66 46	69 40	78 46	86 47	78 49	87 50	84 58	86 63	86 63	76 49	77 54	76 57	67 53	77 47	85 44	83 55	83 50	93 65	90 42	78 48	91 48	91 59	87 60	86 60	83 44	83 70	71 49	75 39	74 41	74 53	79.8 51.4
CUMBERLAND POLICE BRKS	MAX MIN	56 45	64 45	67 35	76 42	80 45	78 46	85 48	85 55	83 61	81 62	78 46	76 52	75 56	63 42	77 46	84 42	85 51	83 45	93 46	90 59	76 40	90 45	91 51	89 54	88 40	81 66	84 45	81 45	70 38	72 37	73 49	79.2 48.5
FROSTBURG	MAX MIN	44 39	48 41	60 36	63 42	73 45	75 46	79 43	87 50	78 63	78 59	72 45	70 50	69 50	58 48	42 42	71 42	79 54	75 49	78 53	86 58	71 40	74 54	84 56	86 61	82 54	70 53	78 48	75 35	66 37	68 41	71.0 47.9	
HAGERSTOWN	MAX MIN	49 45	62 44	63 38	74 46	75 49	73 48	81 46	83 52	86 62	82 66	78 54	77 58	79 56	68 52	70 43	80 49	79 53	83 55	92 65	91 65	75 44	89 53	91 60	88								

DAILY TEMPERATURES

Continued

MARYLAND AND DELAWARE
MAY 1964

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DELAWARE																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	57	59	65	72	73	72	77	88	86	79	78	77	77	72	70	75	81	82	87	87	76	84	92	92	89	82	86	74	71	74	73	77.6
	MIN	45	41	42	43	44	44	42	56	64	60	50	51	59	57	47	44	53	53	54	67	43	50	59	62	62	49	62	48	47	45	52	51.5
NEWARK UNIVERSITY FARM	MAX	56	59	67	73	73	73	80	88	88	85	75	78	78	72	69	77	80	80	88	87	74	83	91	91	88	80	84	83	72	76	75	78.2
	MIN	44	41	39	40	42	46	42	55	62	57	50	49	59	56	49	46	51	51	53	69	41	45	58	61	67	49	62	45	44	43	51	50.5
WILMGTON NCASTLE WB AP	MAX	57	59	66	71	73	72	79	87	86	77	76	75	73	73	66	76	80	81	87	76	68	83	92	90	80	80	87	71	70	73	74	76.1
	MIN	45	43	43	45	46	48	44	56	63	59	53	54	61	53	51	47	53	53	55	55	47	51	60	64	61	53	63	49	50	47	55	52.5
WILMGTON PORTER RESVR	MAX	55	59	65	75	76	73	78	86	86	75	74	78	74	71	65	74	80	80	86	77	68	82	90	88	77	78	84	69	72	73		75.6
	MIN	44	42	40	42	47	46	46	56	65	60	54	56	59	56	50	49	54	56	58	53	47	51	61	64	64	61	63	49	47	48		52.9
SOUTHERN 02	MAX																																
	MIN																																
BRIDGEVILLE 1 NW	MAX	51	53	59	70	70	70	79	88	90	86	80	85	77	73	66	75	82	83	85	83	73	82	93	92	89	82	87	85	73	73	70	77.5
	MIN	45	40	43	44	42	44	41	55	65	64	51	54	63	60	48	42	52	56	56	66	45	48	64	65	68	46	61	48	53	43	53	52.4
DOVER	MAX	58	58	64	72	73	73	80	88	90	87	78	78	75	74	71	76	80	82	86	86	76	84	92	92	88	81	87	86	71	75	74	78.5
	MIN	45	40	40	42	44	43	43	56	66	66	52	54	60	59	50	46	56	59	57	65	46	48	65	66	71	51	62	50	54	50	49	53.4
GEORGETOWN 5 SW	MAX	51	52	58	70	70	71	79	89	92	87	80	86	82	75	72	77	83	83	87	86	78	85	93	93	91	83	87	85	72	73	69	78.7
	MIN	46	40	43	45	40	43	39	54	68	64	50	53	63	60	49	39	52	53	55	54	42	43	63	65	61	43	58	47	52	41	54	50.9
LEWES 1 SW	MAX	50	50	53	61	62	60	79	89	91	82	78	83	74	72	65	69	76	78	86	82	74	84	90	93	83	78	87	78	68	65	62	74.3
	MIN	41	41	44	45	43	40	40	55	65	64	57	57	62	60	49	48	53	53	56	59	49	49	60	66	71	58	61	53	50	45	51	53.1
MILFORD 3 WNW	MAX																			82	87	84	77	86	89	93	90	82	88	85	71	69	65
	MIN																			55	53	51	49	55	65	74	70	47	62	49	42	44	40
SELBYVILLE	MAX	50	51	55	65	65	65	80	88	91	89	79	82	81	76	70	73	83	82	86	83	75	82	94	92	86	79	87	85	69	69	65	76.7
	MIN	45	45	45	45	40	44	40	56	69	64	51	55	60	59	49	39	52	54	55	68	46	43	63	61	71	46	45	48	52	40	54	51.7

See Reference Notes Following Station Index

EVAPORATION AND WIND

MARYLAND AND DELAWARE
MAY 1964

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																	
UPPER SOUTHERN 04																																	
BELTSVILLE	EVAP	#	.08	.28	.07	.20	.24	.19	.15	.13	.36	.34	.21	.13	.18	.21	.10	.19	.12	.23	.27	.28	.24	.21	.19	.34	.41	.26	.31	.20	.13	.29	6.50
	WIND	49	72	83	96	23	91	30	12	21	46	47	28	17	24	32	13	24	4	11	23	26	32	13	9	12	33	21	48	26	27	33	988
	MAX	51	52	61	64	83	78	80	83	88	87	80	82	79	79	75	68	85	87	88	90	88	81	86	88	91	87	86	87	81	83	59	79.3
	MIN	44	44	43	43	52	51	52	53	63	61	55	57	58	58	49	48	51	60	59	61	50	51	72	72	71	54	57	58	53	51	40	54.5
UPPER MARLBORO 3 NNW	EVAP	#	.08	.18	.09	.15	.23	.21	.19	.31	.31	-	.25	.14	.15	.23	.11	.22	.11	.27	.36	.32	.25	.26	.31	.26	.38	.32	.23	.18	.25	.29	6.868
	WIND	27	49	48	21	15	26	17	18	55	65	43	29	8	26	49	13	25	15	17	71	44	26	27	20	38	52	33	42	31	20	13	983
	MAX	54	56	62	62	84	86	87	89	92	93	92	87	88	86	79	77	84	90	92	92	91	86	90	94	98	90	91	88	76	77	79	84.3
	MIN	47	45	44	46	45	52	53	54	63	65	55	57	61	60	50	48	59	51	61	64	54	55	60	64	63	53	62	56	55	51	50	54.9
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	EVAP	.28	#	.03	.08	.22	.36	.27	.21	.01	.46	.45	.17	.20	8	.21	.21	.18	.31	.32	.41	.21	.33	.18	.35	.23	.21	.29	.20	.03	.20	.20	6.81
	WIND	67	137	148	82	44	85	61	58	59	155	131	79	51	54	116	47	53	69	59	87	91	53	52	38	87	101	66	72	60	47	32	2341
	MAX	47	50	59	75	80	78	78	78	71	75	70	72	71	70	64	81	81	80	80	84	80	80	86	85	84	78	84	76	61	79	74	74.5
	MIN	41	42	40	50	47	50	50	52	57	55	49	51	52	51	45	45	47	50	50	59	52	53	53	58	61	46	54	50	41	41	37	49.8
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	EVAP	-	-	-	-	-	-	-	-	-	-	.05	.27	.02	.19	.22	.13	.18	.16	.35	.24	.37	.17	.24	.12	.42	.31	.36	.29	.13	.36	.20	-
	WIND	-	-	-	-	-	-	-	-	-	-	37	21	23	37	33	18	15	26	36	58	28	30	29	26	61	42	47	41	23	23	24	-
	MAX	-	-	-	-	-	-	-	-	-	-	85	85	82	81	78	88	88	90	94	93	89	93	99	98	95	88	88	86	88	91	86	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	53	60	56	54	54	54	61	60	60	66	51	53	63	68	68	55	64	55	52	53	58
SOUTHERN 02																																	
GEORGETOWN 5 SW	EVAP	-	-	-	-	-	-	-	-	-	-	.35	.19	.08	.25	.17	.18	.21	.32	.29	.46	.29	.22	.35	.37	.38	.28	.37	.26	.29	.27	.22	-
	WIND	-	-	-	-	-	-	-	-	-	-	78	24	12	8	139	30	41	48	49	111	62	35	38	41	116	47	71	62	55	46	72	-

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover	sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 A.M. EST	7:00 A.M. EST	1:00 P.M. EST	7:00 P.M. EST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
BALTIMORE WB AIRPORT, MD.	28	9	8.5	33	W	24	72	70	43	52	3	0	1	0	0	0	4	66	4.9	
WASHINGTON WB CITY, D.C.	-	-	-	-	-	-	-	-	-	-	0	1	0	1	0	-	-	-	-	
WILMINGTON-N CASTLE WB AP, DEL.	22	7	10.2	24++	23	19+	71	70	41	51	5	1	1	0	0	0	7	-	5.3	

STATION INDEX

MARYLAND AND DELAWARE
1964

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL	
MARYLAND												
ANNAPOLIS	0194	04	ANNE ARUNDEL	1	38 59	76 30	45	6P	6P			ARTHUR W. MILLER
BALTIMORE WB AIRPORT	0465	04	ANNE ARUNDEL	3	39 11	76 40	140	MID	MID			U.S. WEATHER BUREAU
BALTIMORE WB CITY	0470	04	BALTO CITY	3	39 17	76 37	14	MID	MID			U.S. WEATHER BUREAU
BELTSVILLE	0700	04	PRIN. GEORGES	5	39 02	76 55	125	8A	8A			CHESTER H. GORDON
BELTSVILLE PLANT STA 5	0705	04	PRIN. GEORGES	5	39 01	76 57	105	9A	9A			USDA PLANT IND. STA.
SENSENBERRY POLICE BARRACKS	0732	06	HARFORD	1	39 30	76 23	365	5P	5P			MD. STATE POLICE
BITTINGER 2 NW	0881	08	GARRETT	7	39 37	79 15	2700	7P	7P			ELBERT E. BUCKEL
BLACKWATER REFUGEE	0915	02	DORCHESTER	1	38 26	76 08	5	4P	4P			NAT. WILDLIFE REFUGEE
BOONSBORO	0988	07	WASHINGTON	5	39 31	77 39	735	6P	6P			J. HOWARD BECKERBAUGH
BOTTS 2 NW	1032	06	MONTGOMERY	5	39 12	77 20	960	6P	6P			RALPH F. STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	390	8A				WASH. SUB. SANIT. COMM.
BROCKDALE	1170	06	MONTGOMERY	5	39 57	77 08	260	7P				B. FRANCIS DASHIELL
CAMBRIDGE 4 W	1385	02	DORCHESTER	1	38 34	76 09	5	6P	6P			D. ARCY MC B. HARDING
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P	6P			MARION G. LEBY
CHARLOTTE HALL 1 ESE	1685	05	ST. MARYS	4	38 28	76 45	167	5P	5P			GREEN MANOR FARM
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	35	11P	11P			T. W. ELIASON, JR.
CHEMUNVILLE BRIDGEPORT	1790	07	WASHINGTON	5	39 38	77 41	560	5S	5S			D. PAUL OSWALD
COLEMAN 3 NW	1980	05	KENT	1	39 21	76 08	78	6P	6P			W. B. HARRIS
COLLEGE PARK	1995	04	PRIN. GEORGES	5	38 59	76 56	70	5P	5P			U.S. GEOL. SURVEY
CONDOWING DAM	2060	06	HARFORD	6	39 38	76 10	40	MID	MID			SUSQUEHANNA ELECTRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	3P	3P			SOMERS COVE MARINA
CUMBERLAND	2280	07	ALLEGANY	5	39 39	78 45	945	6P	6P			R. R. GOLDEN
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	5	39 38	78 50	970	5P	5P			MD. STATE POLICE
DENTON 1 S	2525	02	CAROLINE	1	38 53	75 50	20	6P	6P			ENORY DOBSON
EASTON POLICE BARRACKS	2700	07	TALBOT	1	38 45	75 04	40	5P	5P			MARYLAND STATE POLICE
EDGEWOOD	2770	07	WASHINGTON	5	39 40	77 33	905	8A				LEE G. HARNE
EDGEWOOD ARSENAL	2795	04	HARFORD	1	39 21	76 19	10	MID	MID			INACTIVE 12/1/69
ELKTON	2860	04	CECIL	1	39 36	75 50	28	6P	6P			H. W. BOUCHELLE
EMMITSBURG 2 SE	2906	08	FREDERICK	7	39 47	77 18	420	5P	5P			MRS. LUCILLE K. BEALE
FORT GEORGE 5 HEADE	3230	04	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P			FILTRATION PLANT
FREDERICK WFMD	3350	08	FREDERICK	5	39 25	77 28	435	6P	6P			RADIO STATION WFMD
FREDERICK 3 E	3355	08	FREDERICK	5	39 29	77 22	385	8A				MISS I. MARY STALEY
PROBSTOWN	3410	07	ALLEGANY	5	39 39	78 56	2035	7A	7A			C. A. SUTER, JR.
GLENN DALE BELL STA	3675	04	PRIN. GEORGES	4	38 58	76 48	151	4P	4P			H. PLANT INTRO. GARDEN
GRANTSVILLE	3795	08	GARRETT	7	39 46	79 09	2380					MRS. FANNIE B. MILLER
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	660	6P	6P			H. HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4050	07	WASHINGTON	5	39 42	78 11	428	8A	8A			U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	05	CHARLES	5	38 32	77 00	140	5P	5P			C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRIN. GEORGES	4	39 06	76 54	400	5P	7A			WASH. SUB. SANIT. COMM.
LEONARDTOWN 3 NW	5201	05	ST. MARYS	5	38 19	76 40	40	5P	5P			RADIO STATION WJEL
LOCH RAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	195	5P				CITY OF BALTIMORE
LUKE	5530	07	ALLEGANY	5	39 28	79 04	1020	8A				HOWARD T. MARGOLD
MERRILL	5894	08	GARRETT	5	39 36	79 03	1790	8A				DELWOOD E. MERRILL
MILLINGTON	5985	05	KENT	1	39 16	75 51	50	6P	6P			LOUIS H. HOLLETT
NEW GERMANY	6408	08	GARRETT	5	39 38	79 07	2500					ARCHIE BITTINGER
OAKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	5P	5P			LOGAN WEBER
OCEAN CITY WATER PLANT	6670	03	WORCESTER	2	38 20	75 03	17	4P	4P			TOWN OF OCEAN CITY
OWINGS FERRY LANDINGS	6770	03	CALVERT	4	38 42	76 41	120	7P	7P			THOMAS J. BOURNE
PARKTON 2 SW	6840	06	BALTIMORE	1	39 38	76 42	600	11P	11P			JOHN R. FOX
PERY POINT	6980	06	CECIL	1	39 33	76 04	40					VETERANS ADMINISTRATION
DELAWARE												
PICARDY	7010	07	ALLEGANY	5	39 33	78 30	1030	6P	6P			POTOMAC HLND. ORCHARD
POCONO CITY 1 S	7140	01	WORCESTER	2	38 03	75 34	20	5P	5P			RADIO STATION WDMV
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270					WASH. SANITARY COMM.
PRESTON 1 S	7310	02	CAROLINE	1	38 42	75 55	50	6P	6P			FRANKLIN D. NUSBAUM
PRINCE FREDERICK	7325	03	CALVERT	2	38 32	76 35	140	5P	5P			BOYD KING
PRINCESS ANNE	7330	01	SOMERSET	1	38 12	75 41	15	5P	5P			TOWN OF PRINCESS ANNE
ROCK HALL	7700	05	KENT	1	39 08	76 14	20	5P	5P			MRS. DELMA D. GLENN
ROCKVILLE	7705	04	MONTGOMERY	5	39 05	77 09	436	4P	4P			COUNTY POLICE
ROCKY HILL	7804	02	TALBOT	1	38 43	76 11	10	5P	5P			J. L. SWAINE, JR.
SALISBURY	8000	01	WICOMICO	1	38 22	75 55	10	5P	5P			CITY OF SALISBURY
SALISBURY FAA AIRPORT	8005	01	WICOMICO	1	38 20	75 50	52	MID	MID			FED. AVIATION AGENCY
SAVAGE RIVER DAM	8085	08	GARRETT	5	39 31	79 08	1495	8A	8A			U. S. CORPS OF ENGINEERS
SHALLMAN	8191	08	GARRETT	5	39 23	79 12	1705	8A				CLARENCE B. KIMBLE
SIMES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2045					PA. ELECTRIC CO.
SIMES DEEP CREEK 2	8323	08	GARRETT	7	39 32	79 25	2045	7A	7A			MRS. THELMA REAM
SNOW HILL	8380	01	WORCESTER	1	38 11	75 24	14	6P	6P			RICHARD L. HALL
SOLOMONS	8405	03	CALVERT	2	38 19	76 27	12	6P	6P			CHESAPEAKE BIOL. LAB.
SUITLAND	8656	04	PRIN. GEORGES	5	38 51	76 56	280	9A	9A			RALPH H. FREDERICK
TOWSON	8877	06	BALTIMORE	5	39 24	76 37	410	4P	4P			BALTIMORE COUNTY JAIL
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	6P	6P			G. P. VON EIFF, JR.
UPPER MARLBORO 3 NW	9070	04	PRIN. GEORGES	4	38 52	76 47	98	8A	8A			TOBACCO EXP. FARM
VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P	6P			ERN. SMORE PUB. SVC. CO.
WALDORE POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	5P	5P			MD. STATE POLICE
WESTPORT	9405	07	ALLEGANY	5	39 29	79 03	1000	6P	6P			MORRIS BRUCE
WESTMINSTER 2 N	9455	04	CARROLL	5	39 37	77 00	760	5P	5P			L. EUGENE PURDUE
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P	5P			PARK + PLANNING COMM.
WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360	7A	7A			HAGERSTOWN MTR. PLANT
WOODSTOCK	9750	06	BALTIMORE	5	39 20	76 52	415	6P	6P			WOODSTOCK COLLEGE
DISTRICT OF COLUMBIA												
DALECARLIA RESVR D C	2325	04			38 56	77 07	146	5P	5P			CORPS OF ENGINEERS
NATIONAL ARBORETUM D C	3550	04			38 54	76 58	50	4P	4P			U.S. NAT. ARBORETUM
U. S. SOLDIERS HOME DC	9035	04			38 56	77 01	230	MID	MID			U.S. SOLDIERS HOME
WASHINGTON WB CITY D C	9290	04			38 54	77 03	72	MID	MID			U.S. WEATHER BUREAU
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P			WILLIAM RAY
DOVER	2730	02	KENT	2	39 09	75 31	25	4P	4P			STATE HIGHWAY DEPT.
GEORGETOWN 5 SW	3570	02	SUSSEX	1	38 38	75 28	45	5P	5P			UNI. AGRI. EXP. STA.
LENES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID			FREDERICK D. VOGL
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	5P	5P			PAUL L. RODGERS
MILFORD 3 WSW	5915	02	SUSSEX	2	38 56	75 29	52	5P	5P			RADIO STATION WGBB
REMARKS UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	6P	6P			UNIV. OF DELAWARE
SELBYVILLE	8269	02	SUSSEX	2	38 28	75 13	32	5P	5P			W. WIRRIE LONG
WILMINGTON CASTLE WD AP	9595	01	NEW CASTLE	2	39 40	75 36	75	MID	MID			U.S. WEATHER BUREAU
WILMINGTON PORTER RESVR	9605	01	NEW CASTLE	2	39 40	75 32	274	MID	MID			WATER DEPARTMENT

1. CHESAPEAKE 2. COASTAL 3. PATAPSCO 4. PATUXENT 5. POTOMAC 6. SUSQUEHANNA 7. TOUGHOGHENY

REFERENCE NOTES

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the State Climatologist, Weather Bureau Airport Station, Friendship International Airport, Baltimore, Maryland 21240, or to any Weather Bureau Office near you.

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. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for October 1955.

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

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

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

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These 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.

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

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for these States, price 25 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C. -7-17-64-750

