

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

MAY 1963
Volume 67 No. 5



ASHEVILLE: 1963

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
MAY 1963

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. or Min.								Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More				
										90° or Above	32° or Below	32° or Below	32° or Below														
MARYLAND																											
SOUTHERN EASTERN SHORE																											
CRISFIELD HAMMOCK PT	73.6	54.9	64.3	- 2.6	92	10	42	2	91	1	0	0	0	3.15	- .54	1.54	18	.0	0		5	2	1				
OCEAN CITY WATER PLANT	67.5	52.5	60.0		90	9	39	2	169	1	0	0	0	3.75		1.45	18	.0	0		7	2	2				
PRINCESS ANNE	76.2	49.9	63.1		93	10	31	13	121	3	0	1	0	3.71		2.37	18	.0	0		7	1	1				
SALISBURY	76.0	51.5	63.8		93	10	36	13	106	2	0	0	0	4.32	.70	1.65	18	.0	0		7	3	2				
SALISBURY FAA AIRPORT	72.6	50.3	61.5		93	10	34	13	162	2	0	0	0	2.56		.99	18	.0	0		8	2	0				
SNOW HILL	74.6	49.8	62.2	- 1.9	92	10	32	13	135	2	0	1	0	3.80	.19	1.87	18	.0	0		5	3	1				
DIVISION			62.5	- 2.1										3.55	.03			.0									
CENTRAL EASTERN SHORE																											
BLACKWATER REFUGE	73.7	51.7	62.7		91	11+	36	3	121	3	0	0	0	2.46		1.00	18	.0	0		5	1	1				
CAMBRIDGE 4 W	73.4	51.3	62.4		93	10+	35	3	136	2	0	0	0	2.63		.87	18	.0	0		6	2	0				
DENTON 1 S	77.0	50.2	63.6		94	10	35	3	112	2	0	0	0	3.11		1.00	1	.0	0		5	3	1				
EASTON POLICE BARRACKS	76.3	52.0	64.2	- 0.5	93	10	33	2	104	3	0	0	0	3.47	- .41	1.27	29	.0	0		5	3	1				
PRESTON 1 S	74.5	51.1	62.8		93	10	37	3	123	2	0	0	0	2.90		1.01	18	.0	0		6	3	1				
ROYAL OAK	75.2	52.4	63.8		92	10	37	24	99	2	0	0	0	3.29		1.07	29	.0	0		6	3	1				
VIENNA	75.2	51.4	63.3		93	10	36	3	113	2	0	0	0	3.47		1.21	18	.0	0		7	3	1				
DIVISION			63.3	- 1.5										3.05	- .90			.0									
LOWER SOUTHERN																											
CHARLOTTE HALL 1 ESE	76.9M	50.4M	63.7M		95	10+	37	3	104	3	0	0	0	2.55		.99	29	.0	0		4	2	0				
LA PLATA 1 W	76.2	49.5	62.9		94	10+	32	13+	117	2	0	2	0	1.79		.77	1	T	0		5	2	0				
LEONARDTOWN 3 NW	77.3	49.3	63.3		95	10+	30	3	116	2	0	1	0	2.01		.69	29	.0	0		4	2	0				
PRINCE FREDERICK	77.5M	51.7M	64.6M		94	10+	33	3	89	4	0	0	0	6.30		2.94	29	.0	0		6	4	2				
SOLOMONS	73.8	55.5	64.7	- 1.3	93	9	40	1	82	2	0	0	0	2.35	- 1.41	.81	18	.0	0		7	1	0				
WALDORF POLICE BRKS	79.9M	46.9M	63.4M		98	11	31	13	104	4	0	3	0	2.27		.94	18	.0	0		5	2	0				
DIVISION			63.9	- 1.1										2.88	- 1.05			T									
UPPER SOUTHERN																											
BALTIMORE WB AIRPORT	R 73.0	49.8	61.4	- 3.0	93	10+	35	12	153	2	0	0	0	1.70	- 2.28	.51	29	T	0		6	1	0				
BELTSVILLE	73.2	47.4	60.3		93	10	32	13+	171	2	0	2	0	1.77		.57	18	.0	0		5	1	0				
BELTSVILLE PLANT STA 5	73.5	46.8	60.2		95	10	29	3	178	2	0	2	0	1.72		.58	18	.0	0		5	1	0				
COLLEGE PARK	77.4	50.3	63.9	- 0.7	96	9	33	3	97	2	0	0	0	1.66	- 2.55	.59	18	T	0		6	1	0				
DALECARLIA RESERVOIR DC	76.0	51.5	63.8		95	9	35	2	104	2	0	0	0	1.54		.60	18	T	0		5	1	0				
FORT GEORGE G MEADE	76.5	47.7	62.1		94	9	31	13+	131	2	0	2	0	2.19		.50	18	T	0		7	1	0				
GLENN DALE BELL STA	76.8	48.0	62.4	- 1.4	95	9	32	3	126	3	0	1	0	1.49	- 2.74	.45	18	T	0		5	0	0				
LAUREL 3 W	75.5	52.4	64.0		94	9	37	12+	98	2	0	0	0	.80		.80	18	.0	0		3	0	0				
NATIONAL ARBORETUM D C	77.8	53.1	65.5		96	9	39	1	74	3	0	0	0	1.27		.31	14	.0	0		6	0	0				
SUITLAND	73.7	52.5	63.1		94	10	38	2	113	2	0	0	0	1.20		.45	18	T	0		4	0	0				
U S SOLDIERS HOME D C	73.9	51.2	62.6		95	9	32	2	135	2	0	1	0	1.32		.48	17	.0	0		5	0	0				
UPPER MARLBORO 3 NNW	73.5	48.9	61.2		95	10	33	3	156	2	0	0	0	1.23		.55	18	.0	0		5	1	0				
WASHINGTON WB CITY DC	R 75.5	55.2	65.4		97	9	39	1	84	3	0	0	0	1.27		.59	17	.0	0		4	1	0				
DIVISION			62.8	- 1.4										1.53	- 2.54			T									
NORTHERN EASTERN SHORE																											
CENTREVILLE	74.9	49.7	62.3		93	9	34	3+	137	2	0	0	0	1.99		.56	18	.0	0		6	1	0				
CHESTERTOWN	74.3	51.3	62.8		94	9	38	12+	124	2	0	0	0	2.05		.33	18+	T	0		7	0	0				
COLEMAN 3 NNW	74.9	52.0	63.5	0.0	91	9	39	2+	109	2	0	0	0	1.88	- 2.29	.51	18	.0	0		6	1	0				
MILLINGTON	75.6	48.9	62.3	- 1.6	93	10+	33	3	131	2	0	0	0	1.66	- 2.27	.56	18	.0	0		5	1	0				
ROCK HALL 3 SE	72.5	53.7	63.1	- 1.1	90	9	40	12+	107	1	0	0	0	1.83	- 2.13	.43	20	.0	0		7	0	0				
DIVISION			62.8	- 1.4										1.88	- 2.23			T									
NORTHERN CENTRAL																											
BALTIMORE WB CITY	R 73.7	55.6	64.7	- 1.4	96	9	40	1	98	2	0	0	0	1.51	- 2.64	.43	17	.0	0		7	0	0				
BENSON POLICE BARRACKS	74.3	46.7	60.5		91	9	33	24+	164	2	0	0	0	2.31		.85	18	.0	0		7	1	0				
BOYDS 2 NW	74.5	48.2	61.4		94	9	35	24+	153	2	0	0	0	1.46		.85	18	T	0		4	1	0				
CONOWINGO DAM	72.8	47.8	60.3		91	9	35	3	164	2	0	0	0	1.66		.50	18	.0	0		6	1	0				
EDGEWOOD ARSENAL	71.3	48.5	59.9		93	9	34	12	184	1	0	0	0	1.75		.45	29	T	0		7	0	0				
ELKTON	75.7	47.8	61.8	- 1.5	94	9	33	24+	146	2	0	0	0	2.76	- 1.49	1.32	1	.0	0		6	2	1				
EMMITSBURG 2 SE	74.4	44.9	59.7		90	10+	30	24+	180	2	0	5	0	2.30		1.50	18	T	0		5	1	1				
FREDERICK WB AIRPORT	73.3	47.8	60.6	- 2.0	93	10+	34	13+	175	2	0	0	0	2.67	- 1.24	1.25	29	.0	0		3	2	1				
PARKTON 2 SW	71.0	46.6	58.8		90	9	30	24	212	1	0	2	0	2.31		.83	18	T	0		6	2	0				
TOWSON	75.8	49.5	62.7		93	10	35	24+	122	3	0	0	0	2.12	- 2.06	.98	18	.0	0		5	1	0				
UNIONVILLE	73.7	45.0	59.4		92	9	28	3	191	1	0	5	0	1.52		.55	18	T	0		4	1	0				
WESTMINSTER	73.4	48.5	61.0	- 1.5	91	9	33	12+	158	2	0	0	0	2.26	- 1.69	.62	18	.0	0		7	1	0				
WHEATON REGIONAL PARK	76.1	47.5	61.8		92	10	30	3	145	3	0	1	0	2.37		.61	1	T	0		7	2	0				
WOODSTOCK	75.9	46.3	61.1	- 1.9	93	10+	31	13+	161	3	0	3	0	1.74	- 2.32	.56	20	T	0		4	2	0				
DIVISION			61.0	- 2.1										2.05	- 2.13			T									
APPALACHIAN MOUNTAIN																											
BOONSBORO	74.0	49.7	61.9		91	9	32	2	137	1	0	1	0	1.86		.42	18	T	0		6	0	0				
CHEWVILLE BRIDGEPORT	75.9	47.2	61.6	- 0.3	93	10+	32	12	145	3	0	1	0	1.36	- 2.65	.42	18	T	0		5	0	0				
CUMBERLAND	76.3	47.6	62.0		91	10	31	24	131	2	0	1	0	1.82		.54	22	T	0		6	1	0				
CUMBERLAND POLICE BRKS	77.4	44.7	61.1		91	10	29	24	145	1	0	3	0	1.58		.40	21	.0	0		6	0	0				
FROSTBURG	67.9	44.9	56.4	- 3.6	85	11+	27	2	278	0	0	4	0	2.14	- 2.19	.60	22	.5	T	1	7	2	0</				

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
MAY 1963

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	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
ALLEGHENY PLATEAU																							
BITTINGER 2 NW	65.5	42.3	53.9		82	9	24	1	350	0	0	6	0	2.01		.31	28	.0	0		10	0	0
OAKLAND 1 SE	68.0	41.2	54.6	- 2.3	84	9	23	3	330	0	0	8	0	3.52	- 1.19	1.33	14	1.0	0		7	3	1
SAVAGE RIVER DAM	68.0	42.4	55.2		85	10	24	1	308	0	0	6	0	2.10		.50	22	.0	0		6	1	0
SINES DEEP CREEK	M	M	M							0	0	6	0	3.22	- 1.45	.62	22	T	T	2+	10	2	0
DIVISION			54.6	- 2.0										2.71	- 1.83			.3					
DELAWARE																							
NORTHERN																							
NEWARK UNIVERSITY FARM	74.7	47.4	61.1		92	10+	32	24	158	2	0	1	0	2.29		.94	1	.0	0		7	2	0
WILMGTN NCASTLE WB AP	72.2	48.4	60.3	- 2.4	92	9	36	24+	180	1	0	0	0	1.23	- 2.30	.41	18	T	0		5	0	0
WILMINGTON PORTER RESVR	71.3	49.3	60.3		90	9	34	1	175	1	0	0	0	1.39	- 2.71	.78	18	T	0		3	1	0
DIVISION			60.6	- 2.3										1.64	- 2.36			T					
SOUTHERN																							
BRIDGEVILLE 1 NW	76.1	50.1	63.1	- 0.6	95	10	35	13+	125	2	0	0	0	2.34	- 1.44	1.13	18	.0	0		7	1	1
DOVER	75.8	49.3	62.6	- 1.8	91	10+	35	3	125	2	0	0	0	2.46	- 1.69	1.08	29	.0	0		4	2	1
GEORGETOWN 5 SW	75.4M	49.4M	62.4M		94	10	34	13+	136	2	0	0	0	1.88		.99	1	.0	0		4	1	0
LEWES 1 SW	71.2	50.6	60.9		93	9	37	13+	170	1	0	0	0	3.28		1.46	29	.0	0		4	2	2
MILFORD 3 WNW	75.7	50.2	63.0		96	4	35	12+	130	3	0	0	0	3.13		1.29	18	.0	0		5	3	1
SELBYVILLE	74.2	49.7	62.0		92	9	32	13	148	2	0	1	0	3.86		1.68	18	.0	0		6	3	1
DIVISION			62.3	- 1.6										2.83	- 1.06			.0					

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 11th at Waldorf Police Brks., Md.

Lowest Temperature: 23° on the 3d at Oakland 1 SE, Md.

Greatest Total Precipitation: 6.30 inches at Prince Frederick, Md.

Least Total Precipitation: 0.85 inch at Potomac Filter Plant, Md.

Greatest One-Day Precipitation: 2.94 inches on the 29th at Prince Frederick, Md.

Greatest Reported Total Snowfall: 1.0 inches at Oakland 1 SE, Md.

Greatest Reported Depth of Snow on Ground: Trace on the 1st at Frostburg, Md., and on the 2+ at Sines Deep Creek, Md.

See Reference Notes Following Station Index

MARYLAND AND DELAWARE
MAY 1963

See reference notes following Station Index.

DAILY TEMPERATURES

MARYLAND AND DELAWARE
MAY 1963

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																																	
BALTIMORE WB AIRPORT	MAX MIN	47 38	65 38	76 37	83 41	82 47	69 51	73 46	86 52	93 64	93 56	61 43	59 35	66 36	75 55	72 53	77 53	70 52	75 57	83 54	82 55	63 50	73 54	63 44	65 41	71 42	69 55	71 56	67 58	76 62	79 61	80 57	73.0 49.8
BALTIMORE WB CITY	MAX MIN	51 40	68 42	76 50	86 54	83 58	71 58	76 56	88 58	96 72	94 57	62 46	60 42	66 47	76 56	72 56	74 59	69 56	74 64	84 60	84 64	64 57	74 59	63 51	65 46	70 52	66 57	70 56	68 60	76 65	80 64	79 62	73.7 55.6
BELTSVILLE	MAX MIN	74 39	45 37	65 32	77 50	82 53	87 35	73 44	87 55	87 56	93 59	92 54	64 34	62 32	68 52	75 48	71 48	75 50	70 58	73 48	82 52	80 44	63 49	73 44	62 34	68 49	73 50	70 50	70 52	75 50	78 50	73.2 47.4	
BELTSVILLE PLANT STA 5	MAX MIN	73 40	49 38	66 29	78 36	84 41	87 54	73 43	75 49	88 54	95 57	93 56	64 37	62 31	66 54	76 46	72 47	73 48	70 60	73 47	82 50	80 44	65 49	71 41	63 33	68 37	72 55	70 52	69 57	70 59	76 57	77 50	73.5 46.8
BENSON POLICE BARRACKS	MAX MIN	66 36	64 36	72 35	84 35	84 45	81 53	72 44	85 47	91 59	90 60	86 45	60 33	64 33	72 50	74 48	75 48	71 50	74 58	80 50	80 56	69 44	73 51	70 44	64 33	69 38	67 50	70 50	69 54	74 56	75 58	78 54	74.3 46.7
BITTINGER 2 NW	MAX MIN	40 24	58 25	71 34	75 43	73 49	69 49	68 36	78 51	82 63	81 57	69 52	55 29	50 41	71 48	63 36	75 45	66 49	63 32	70 48	63 46	60 32	57 40	51 30	61 28	58 39	64 46	70 50	70 52	70 50	69 50	65.5 42.3	
BLACKWATER REFUGE	MAX MIN	60 40	59 37	68 36	76 38	74 54	68 53	91 43	91 55	91 65	91 59	91 52	63 41	63 38	74 58	72 57	70 54	70 55	81 64	79 52	78 59	76 60	76 52	66 43	69 48	72 54	74 57	72 55	80 58	83 59	73.7 51.7		
BOONSBORO	MAX MIN	61 52	65 32	77 44	82 52	83 55	75 51	73 46	87 54	91 57	89 60	84 45	63 34	63 30	79 50	74 48	75 50	70 53	70 59	80 56	69 44	71 51	64 39	64 37	72 47	67 52	67 50	70 55	75 61	77 55	77 49	74.0 49.7	
BOYDS 2 NW	MAX MIN	63 36	65 35	70 35	84 46	85 51	77 55	84 47	87 49	94 54	92 66	79 52	63 35	75 35	78 44	75 47	70 50	72 51	82 52	71 55	73 45	72 46	70 43	65 35	70 46	67 52	65 46	69 52	76 57	78 61	78 54	74.5 48.2	
CAMBRIDGE 4 W	MAX MIN	66 38	63 40	73 35	83 45	81 54	69 56	71 43	84 56	93 68	93 61	85 54	59 42	64 38	73 55	71 59	71 48	75 60	75 50	67 64	75 53	65 40	62 57	62 50	69 42	73 51	70 55	71 50	73 65	76 61	76 56	73.4 51.3	
CENTREVILLE	MAX MIN	70 60	64 34	75 34	83 44	84 54	78 57	73 43	83 56	93 68	91 60	74 38	62 35	66 38	71 44	71 48	71 54	76 49	81 55	81 60	66 53	72 60	75 48	75 36	71 42	72 52	72 50	70 50	72 61	78 62	79 55	74.9 49.7	
CHARLOTTE HALL 1 ESE	MAX MIN	72 39	66 38	78 37	85 49	86 53	83 54	88 45	95 46	93 47	92 45	60 43	50 32	69 40	77 53	73 52	72 50	76 58	84 67	82 62	69 54	77 55	68 50	66 40	72 52	75 50	72 52	74 55	72 53	74 51	76.9 50.4		
CHESTERTOWN	MAX MIN	56 38	68 40	76 39	86 47	86 55	74 52	77 46	84 56	91 68	91 62	64 46	66 38	69 43	74 56	78 51	70 54	83 55	80 59	63 54	76 49	64 39	72 55	64 43	71 34	72 43	73 53	66 53	78 60	79 60	79 55	74.3 51.3	
CHEWSVILLE BRIDGEPORT	MAX MIN	63 34	65 36	77 33	82 41	84 47	75 51	74 43	89 55	93 65	93 59	91 50	62 34	66 36	81 49	77 46	79 51	76 58	82 53	80 48	70 34	72 48	68 41	68 34	63 44	69 50	68 53	71 55	77 60	77 61	79 54	75.9 47.2	
COLEMAN 3 WNW	MAX MIN	69 39	65 39	75 41	83 49	82 55	80 58	74 47	82 56	91 67	90 62	86 52	63 41	66 41	69 55	72 41	77 51	75 53	76 53	81 54	81 62	66 51	75 50	69 40	66 44	72 54	72 54	64 51	75 61	78 60	79 52	74.9 52.0	
COLLEGE PARK	MAX MIN	75 39	67 40	79 33	87 46	88 56	84 58	76 48	88 56	96 58	95 61	89 56	64 41	68 34	74 55	77 53	73 51	74 55	84 60	80 56	75 48	74 52	70 46	68 37	73 39	72 56	70 56	71 58	79 61	79 60	79 53	77.4 50.3	
CONOWINGO DAM	MAX MIN	57 39	65 42	76 35	85 42	81 49	70 54	73 43	86 49	91 54	90 43	60 36	63 30	66 37	71 51	72 52	77 50	71 51	82 50	81 56	65 47	74 53	62 48	67 37	69 41	64 52	71 50	63 59	74 59	76 58	80 54	72.8 47.8	
CRISFIELD HAMMOCK PT	MAX MIN	61 43	60 42	73 47	76 56	75 57	73 53	69 47	78 57	86 64	92 66	84 56	63 43	66 47	69 55	70 59	75 57	76 52	80 61	79 60	74 46	77 62	75 43	68 39	72 50	75 49	68 52	75 50	74 52	75 50	77 50	73.6 47.6	
CUMBERLAND	MAX MIN	60 33	66 35	81 34	85 42	83 47	78 55	77 44	87 47	94 75	91 60	88 46	67 35	64 41	80 50	78 46	84 48	82 52	72 58	77 47	68 52	64 43	71 50	74 40	71 31	76 42	73 52	70 56	78 60	79 54	79 48	76.3 47.6	
CUMBERLAND POLICE BRKS	MAX MIN	66 32	66 36	81 30	84 39	84 43	78 52	78 40	87 44	89 58	91 58	89 45	63 33	67 37	80 40	83 44	88 50	80 58	80 44	70 58	66 49	77 39	69 29	70 31	73 50	75 50	78 51	75 57	80 51	78 45	77.4 44.7		
DALECARLIA RESERVOIR D C	MAX MIN	63 37	66 35	80 36	85 44	86 49	84 58	75 51	87 56	95 60	90 44	87 54	63 42	66 42	79 54	74 52	72 49	84 55	83 61	72 53	72 59	67 52	67 47	68 39	73 43	72 56	69 50	70 58	75 63	78 60	79 53	76.0 51.5	
DENTON 1 S	MAX MIN	69 38	67 39	77 35	84 46	85 51	82 68	77 44	88 54	94 68	94 61	89 52	68 38	72 39	78 50	84 51	73 49	73 47	84 53	83 62	68 53	77 51	68 49	73 37	74 41	73 51	70 49	73 62	70 59	79 63	79 54	77.0 50.2	
EASTON POLICE BARRACKS	MAX MIN	70 40	65 33	76 33	83 53	82 55	82 57	74 43	85 56	92 57	93 49	60 40	64 33	67 46	69 54	73 50	75 50	72 61	82 55	82 63	72 55	76 50	72 49	66 39	74 42	72 52	74 55	72 58	74 56	84 57	79 52	76.3 52.0	
EDGEWOOD ARSENAL	MAX MIN	52 40	66 36	73 46	80 42	80 57	70 49	72 47	82 55	93 61	89 53	60 41	61 34	64 38	70 56	71 49	73 49	70 55	74 53	79 49	78 51	62 46	73 51	61 43	63 35	67 40	66 54	70 54	63 56	73 61	77 58	77 51	71.3 46.5
ELKTON	MAX MIN	60 39	65 37	77 33	84 46	86 57	84 57	75 42	88 55	94 60	93 62	78 49	63 36	72 36	76 54	74 48	83 48	81 52	65 59	75 49	71 54	65 45	75 53	71 47	66 33	73 38	66 39	70 50	75 47	79 60	79 53	75.7 47.8	
EMMITSBURG 2 SE	MAX MIN	62 36	66 32	76 30	82 39	83 45	75 52	75 46	85 48	90 57	90 48	88 40	62 32	66 42	74 49	73 43	76 45	75 49	80 51	72 49	70 41	70 39	64 36	66 32	68 49	67 50	74 56	68 51	74 56	79 51	77 45	74.4 44.9	
FORT GEORGE G MEADE	MAX MIN	70 38	66 37	78 31	85 37	86 43	82 57	74 43	87 53	94 59	93 50	89 53	65 33	68 31	75 53	75 50	74 48	75 61	83 49	82 53	74 46	73 51	69 46	68 35	72 47	70 55	70 54	69 57	75 61	79 58	80 51	76.5 47.7	
FREDERICK WB AIRPORT	MAX MIN	44 38	65 36	78 34	84 40	85 48	75 55	75 45	89 49	93 70	93 61	64 41	59 34	67 34	80 51	71 49	76 50	68 52	82 48	63 55	71 44	62 51	66 42	68 35	72 49	68 50	69 52	77 58	77 62	77 52	73.3 47.8		
FROSTBURG	MAX MIN	64 28	43 27	62 35	75 43	80 48	76 53	73 40	73 54	81 57	85 59	85 46	58 32	61 40	63 46	66 50	74 52	77 51	65 45	67 51	75 45	66 39	56 35	61 29	65 25	67 42	57 30	68 49	56 50	71 55	74 45	72 42	67.9 44.9
GLENN DALE BELL STA	MAX MIN	73 39	66 38	78 32	85 39	85 44	84 52	74 45	87 53	95 57	94 59	92 54	64 37	67 34	75 54	76 51	74 48	72 49	82 49	83 55	72 47	75 51	70 44	65 33	72 38	71 53	71 54	71 54	77 54	78 56	79 48	76.8 48.0	
HAGERSTOWN	MAX MIN	65 35	68 36	76 39	82 48	84 52	77 50	75 48	89 53	92 68	93 62	92 50	64 35	64 33	82 50	81 46	78 51	75 59	82 52	73 47	71 48	67 36	72 44	68 36	68 33								

DAILY TEMPERATURES

MARYLAND AND DELAWARE
MAY 1963

Continued

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		
OCEAN CITY WATER PLANT	MAX	61	62	62	71	65	61	64	65	90	85	70	55	40	70	67	71	65	72	72	70	70	69	64	59	62	65	63	65	67	74	75	67.5	
	MIN	42	39	45	53	53	52	45	54	58	59	50	46	41	50	54	55	54	57	57	57	55	57	52	48	49	55	55	55	59	62	60	52.5	
PARKTON 2 SW	MAX	53	64	76	81	84	73	72	84	90	89	59	60	65	74	69	74	67	72	78	81	62	70	59	64	67	61	67	62	74	75	76	71.0	
	MIN	35	36	36	47	48	50	46	49	60	58	43	31	37	50	44	48	48	55	49	53	44	52	38	30	37	50	49	54	58	56	53	46.6	
PICARDY	MAX	47	64	80	82	81	77	75	86	89	88	84		46	49	41	46	51	57	49	53	68	67	66	66	68	70	71	73	76	77	75	74.1	
	MIN	34	32	37	48	52	54	42	51	51	50	47	32	37	50	44	48	41	60	53	42	67	66	66	68	70	71	73	76	77	75	66.4		
PRESTON 1 S	MAX	68	62	75	82	82	79	71	83	92	93	89	63	66	70	70	72	72	75	81	79	68	74	65	65	71	74	72	71	74	76	77	74.5	
	MIN	38	38	37	48	56	56	44	54	66	62	52	39	39	55	53	50	48	54	54	58	54	74	50	39	43	52	54	51	64	62	57	51.1	
PRINCE FREDERICK	MAX	72	78		84	93	69	70	94		94	91	86	74	70	70	78	82	80	67	75	69	72	70		73	77	76	72	66	82	87	77.5	
	MIN	38	33		50	54	55	44	55		61	53	37	53	48	49	61	53	63	53	40	39	51	53		53	62	50	56	62	60	62	51.7	
PRINCESS ANNE	MAX	65	64	75	82	82	82	73	83	91	93	91	64	65	71	72	72	73	79	80	81	75	77	75	75	69	75	71	72	77	77	80	76.2	
	MIN	42	38	34	53	50	51	40	50	62	61	47	39	31	52	53	48	41	60	53	66	56	60	50	39	42	47	55	48	63	62	53	49.9	
ROCK HALL 3 SE	MAX	66	65	72	78	79	73	78	81	90	88	82	59	63	68	78	70	69	74	78	77	66	72	62	62	67	69	69	68	73	77	76	72.5	
	MIN	40	40	42	50	56	58	60	49	67	64	53	40	48	55	52	54	54	61	57	63	56	56	51	42	50	55	55	56	62	61	58	55.7	
ROYAL OAK	MAX	67	66	75	82	82	75	73	83	90	92	81	64	66	72	72	73	72	79	84	80	69	77	65	67	72	76	74	72	73	79	80	75.2	
	MIN	39	41	38	48	54	57	46	56	66	62	53	42	45	56	54	51	52	61	55	64	53	56	51	37	45	54	55	52	64	62	56	52.4	
SALISBURY	MAX	70	64	75	81	85	78	74	82	89	93	90	61	65	71	73	71	71	80	82	83	75	78	75	66	70	76	70	72	78	79	80	76.0	
	MIN	43	38	38	51	52	54	45	52	65	63	53	40	36	51	49	51	47	60	53	62	57	59	50	41	45	49	55	51	64	63	56	51.5	
SALISBURY FAA AIRPORT	MAX	58	63	75	82	83	64	73	83	90	93	60	57	65	71	71	71	72	76	82	83	64	76	61	67	67	73	68	73	76	77	78	72.6	
	MIN	38	42	37	55	54	45	44	52	67	60	46	38	34	54	51	53	50	45	54	61	58	59	43	43	44	49	51	49	65	59	54	50.3	
SAVAGE RIVER DAM	MAX	61	62	75	79	78	74	73	81	85	84	56	60	60	62	75	68	74	67	68	74	67	60	61	56	64	57	69	59	71	75	71	68.0	
	MIN	24	30	31	36	43	49	39	43	64	55	42	31	32	46	42	48	47	51	43	49	39	44	38	29	35	44	35	52	55	54	44	42.4	
SINES DEEP CREEK	MAX													84	56	61	74	69	78	70	67	73	70	65	63	56	68	63	70	74	70	75		
	MIN													39	33	43	56	35	46	40	50	40	45	33	40	30	26	36	49	49	42			
SNOW HILL	MAX	66	64	76	84	80	68	71	83	90	92	81	58	66	73	73	70	72	78	83	85	75	75	71	65	66	74	70	72	77	78	78	74.6	
	MIN	43	37	37	52	50	50	42	47	64	61	50	40	32	51	52	48	43	58	50	63	57	59	49	42	42	48	54	48	61	62	53	49.8	
SOLOMONS	MAX	71	66	68	77	73	71	72	86	93	92	85	61	63	76	76	70	68	77	83	77	67	73	66	65	68	73	70	68	74	78	80	73.8	
	MIN	40	42	45	54	56	57	52	57	66	65	56	45	47	56	57	56	56	61	59	65	59	58	51	47	53	57	57	59	65	63	60	55.5	
SUITLAND	MAX	74	48	66	78	84	86	72	75	86	94	93	65	61	66	76	77	72	70	75	82	80	66	74	62	68	72	71	69	70	76	78	73.7	
	MIN	40	38	39	51	53	59	52	55	65	64	55	43	41	53	54	53	53	59	54	62	55	52	49	41	43	55	56	57	58	60	58	52.5	
TOWSON	MAX	71	65	76	83	84	82	73	85	92	93	91	64	66	73	77	76	72	73	80	82	72	72	74	65	76	69	69	67	74	77	78	75.8	
	MIN	37	36	35	43	51	56	48	54	63	61	50	35	37	51	49	48	53	60	49	61	47	53	45	35	41	53	53	57	61	58	54	49.5	
UNIONVILLE	MAX	57	65	77	83	86	74	74	85	92	86	81	63	66	75	77	76	67	72	80	82	63	72	68	65	71	65	69	67	74	76	77	73.7	
	MIN	37	30	28	40	36	53	54	47	53	58	48	29	30	51	45	45	47	59	43	51	41	50	38	29	36	53	44	57	62	53	47	45.0	
U S SOLDIERS HOME D C	MAX	50	62	77	84	86	73	74	87	95	92	78	62	66	75	72	72	70	75	82	78	64	75	62	67	71	72	67	71	75	78	79	73.9	
	MIN	36	32	43	50	56	58	49	53	65	65	50	41	42	51	50	56	53	60	57	60	50	51	40	35	45	55	54	55	60	58	56	51.2	
UPPER MARLBORO 3 NW	MAX	74	45	66	78	85	85	72	75	87	95	93	65	61	67	76	71	73	70	76	83	80	64	73	62	65	70	72	69	70	78	79	73.5	
	MIN	40	39	33	40	45	54	45	55	62	60	54	40	36	49	50	50	49	54	51	56	50	52	47	34	38	53	56	57	57	60	50	48.9	
VIENNA	MAX	66	65	75	82	81	74	76	81	92	93	89	62	62	68	72	70	76	78	81	79	71	77	66	66	72	75	73	73	74	84	79	75.2	
	MIN	38	38	36	51	55	55	44	53	63	61	53	42	37	53	50	52	50	61	54	65	57	59	50	41	46	51	52	52	57	62	55	51.4	
WALDORF POLICE BRKS	MAX	73	67	80	86	87		89	90	96	96	98	67	64	76		80	78	79	87	85	85	79	70	63	74	75	79	70	79	83	81	79.9	
	MIN	38	37	32	41	41		40	40	38	61	55	42	31	54		50	50	59	50	50	50	49	46	32	40	53	52	55	63	60	51	46.9	
WASHINGTON WB CITY D C	MAX	50	67	81	87	91	74	76	89	97	95	66	64	67	79	73	74	70	75	85	81	63	74	64	68	74	76	70	72	77	79	81	75.5	
	MIN	39	41	42	50	57	58	55	59	71	65	49	45	47	55	55	59	58	63	59	61	57	57	51	47	50	58	58	57	65	62	59	55.2	
WESTERNPORT	MAX	57	69	81	86	85	81	80	87	91	93	84	66	62	80	75	82	78	72	79	78	67	66	60	70	67	73	69	73	77	77	78	75.6	
	MIN	32	32	32	40	45	57	43	45	66	58	45	35	43	50	44	50	50	58	45	52	43	48	39	31	43	50	54	56	59	53	47	46.6	
WESTMINSTER	MAX	56	64	73	84	85	75	74	85	91	90	85	60	64	75	72	75	71	71	80	83	66	70	70	64	70								

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
MAY 1963

Station		Day of month																														
		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																																
BALTIMORE WB AIRPORT	SNOWFALL SN ON GND	T																														
BROOKDALE	SNOWFALL SN ON GND	T																														
CHESTERTOWN	SNOWFALL SN ON GND	T																														
COLLEGE PARK	SNOWFALL SN ON GND	T																														
CUMBERLAND	SNOWFALL SN ON GND		T																													
EMMITSBURG 2 SE	SNOWFALL SN ON GND	T																														
FORT GEORGE G MEADE	SNOWFALL SN ON GND	T																														
FROSTBURG	SNOWFALL SN ON GND	.5 T																														
GLENN DALE BELL STA	SNOWFALL SN ON GND	T																														
HAGERSTOWN	SNOWFALL SN ON GND	T																														
LA PLATA 1 W	SNOWFALL SN ON GND	T																														
OAKLAND 1 SE	SNOWFALL SN ON GND	1.0																														
PARKTON 2 SW	SNOWFALL SN ON GND	T																														
UNIONVILLE	SNOWFALL SN ON GND	T																														
WOODSTOCK	SNOWFALL SN ON GND	T																														
DELAWARE																																
WILMGTN NCASTLE WB AP	SNOWFALL SN ON GND	T																														
WILMINGTON PORTER RESVR	SNOWFALL SN ON GND	T																														

EVAPORATION AND WIND

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	
BELTSVILLE, MD.	EVAP	.35	.11	.24	*	*	.64	.19	.26	.23	.35	.32	.16	.15	.21	.27	.14	.20	.07	.37	.23	.18	.13	.11	.25	.23	.18	.21	.20	*	.12	.23	6.33
	WIND	103	86	60	*	*	30	31	22	11	20	23	45	28	16	16	33	10	55	41	11	16	11	20	32	14	23	21	27	17	4	33	859
	MAX	72	48	69	-	-	86	79	81	85	89	93	76	74	74	76	79	81	69	77	87	79	64	78	76	79	81	76	75	77	72	85	77.1
	MIN	40	30	35	-	-	44	52	53	58	63	58	43	41	45	54	55	58	59	56	58	55	55	53	46	47	48	56	56	58	50	59	51.2
SAVAGE RIVER DAM, MD.	EVAP	.16	.11	.25	.29	.27	.13	.30	.29	.45	.21	.34	.20	.20	.02	.41	.27	.01	*	.04	.45	.15	.02	.29	.22	.20	.02	.16	.16	.04	.17	.25	6.08
	WIND	174	206	96	68	61	47	69	58	190	72	153	99	101	83	153	45	41	85	93	72	81	53	124	89	64	55	73	113	48	68	72	2806
	MAX	69	45	65	75	80	80	80	76	73	78	83	85	70	56	73	77	84	62	67	76	65	57	66	60	71	53	77	51	72	76	49	69.4
	MIN	23	32	34	39	45	52	45	45	50	60	51	41	43	45	45	54	53	54	50	51	47	46	40	40	38	48	51	54	66	67	49	47.0
UPPER MARLBORO 3 NNW, MD.	EVAP	.19	.10	.21	.22	.28	.21	.20	.30	.28	.29	.36	.25	.16	.26	.13	.26	.17	.08	.25	.28	.05	.13	.19	.24	.26	.21	.16	.15	.04	.04	.23	6.18
	WIND	75	44	32	9	9	7	17	19	29	20	38	44	13	62	31	30	21	36	30	20	30	4	11	26	11	17	23	11	12	11	12	754
	MAX	78	53	76	86	89	93	84	86	88	94	96	81	79	79	78	85	80	75	83	91	84	69	83	81	85	86	82	81	75	83	91	82.4
	MIN	46	38	41	48	63	63	59	60	62	68	63	50	49	51	57	59	60	60	60	66	62	61	57	51	53	61	62	62	63	67	63	57.6
GEORGETOWN 5 SW, DEL.	EVAP	.45	.24	.24	.30	.29	.22	.52	.31	.31	.22	.16	.15	*	.15	*	.45	.15	-	.24	.22	.06	.14	.25	.20	.23	.17	.24	.13	.05	.20	.20	8 6.71
	WIND	164	186	44	41	42	70	105	67	37	88	63	90	*	60	*	122	27	101	42	36	45	42	75	41	45	43	81	34	25	65	90	1851

MAXIMUM AND MINIMUM IN ABOVE TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT THE TIME OF OBSERVATION.

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 at sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1:00 PM EST	7:00 PM EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
BALTIMORE WB AIRPORT	W	13	9.2	37	W	20	77	79	50	59	5	3	5	1	0	0	14	64	5.1
FREDERICK WB AIRPORT	-	-	-	-	-	-	-	-	34	-	1	5	1	1	1	0	9	-	-
WASHINGTON WB CITY	S†	17†	8.7†	27†	S†	18†	80†	73†	50†	56†	-	1	3	1	0	0	-	65†	5.5†
WILMINGTON-N CASTLE WB AP	SW	11	7.6	28++	NW	20	76	75	49	58	6	3	5	0	0	0	14	-	5.6

† AIRPORT DATA

See reference notes following Station Index.

STATION INDEX

MARYLAND AND DELAWARE
1963

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL		
MARYLAND												
ANAPOLIS 2 WW	0193	ANNE ARUNDEL	1	38 59	76 31	70	5P	5P			H	RADIO STATION WNAV
BALTIMORE WB AIRPORT	0465	ANNE ARUNDEL	1	39 11	76 40	146	MID	MID			H	U.S. WEATHER BUREAU
BALTIMORE WB CITY	0470	BALTO CITY	1	39 17	76 37	14	MID	MID			H	U.S. WEATHER BUREAU
BELTSVILLE	0700	PRINCE GEORGE	3	39 02	76 53	120	8A	8A			C	CHESTER H. GORDON
BELTSVILLE PLANT STA	0703	PRINCE GEORGE	3	39 01	76 57	100	9A	9A			C	USDA PLANT IND. STA.
BENSON POLICE BARRACKS	0732	HARFORD	1	39 30	76 23	363	5P	5P			C	MD. STATE POLICE
BITTINGER 2 NW	0881	GARRETT	1	39 37	79 15	2700	7P	7P			H	ELBERT E. BUCKEL
BLACKWATER REFUGE	0913	DORCHESTER	1	38 56	76 08	5	AP	AP			H	NAT. WILDLIFE REFUGE
BOONSBORO	0986	WASHINGTON	3	39 31	77 39	735	6P	6P			H	J. HOWARD BECKENBAUGH
BOYDS 2 NW	1032	MONTGOMERY	5	39 12	77 20	580	6P	6P			H	RALPH F. STALEY
BRIGHTON DAM	1123	MONTGOMERY	4	39 12	77 01	350	8A				H	WASH. SUB. SANY. COMM.
BROCKDALE	1170	MONTGOMERY	5	38 57	77 06	260	7P				H	B. FRANCIS DASHIELL
CAMBRIDGE & W	1383	DORCHESTER	1	38 34	76 09	5	6P	6P			H	D. ARCY MC B. HARDING
CENTREVILLE	1627	QUEEN ANNES	1	39 03	76 03	46	6P	6P			H	MARION G. LEIBY
CHARLOTTE HALL 1 ESE	1686	ST. MARYS	4	38 28	76 45	167	5P	5P			H	GREEN MANOR FARM
CHESTERTOWN	1750	KENT	1	39 13	76 04	35	11P	11P			H	T. W. ELIASON, JR.
CHESSVILLE BRIDGEPORT	1790	WASHINGTON	3	39 38	77 41	560	5P	5P			H	D. PAUL OSWALD
COLEMAN 3 NW	1980	KENT	1	39 21	76 08	78	6P	6P			H	W. B. HARRIS
COLLEGE PARK	1995	PRINCE GEORGE	3	38 59	76 56	70	5P	5P			C	U.S. GEOL. SURVEY
CONOWINGO DAM	2060	HARFORD	6	39 39	76 10	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO.
CRISFIELD HAMMOCK PT	2205	SOMERSET	1	37 58	75 52	7	5P	5P			H	GEORGE W. STAPLES, 111
CUMBERLAND	2280	ALLEGANY	5	39 39	78 45	945	6P	6P			H	R. R. GOLDEN
CUMBERLAND POLICE BRKS	2285	ALLEGANY	5	39 38	78 50	970	5P	5P			H	MD. STATE POLICE
DENTON 1 S	2523	CAROLINE	1	38 53	75 50	20	6P	6P			H	EMORY DORSON
DUNSMITH POLICE BARRACKS	2700	TALBOT	1	38 45	76 04	40	5P	5P			H	MARYLAND STATE POLICE
EDGEMONT	2770	WASHINGTON	5	39 40	77 33	905	8A				H	LEE G. WARNE
EASTWOOD ARSENAL	2793	HARFORD	1	39 21	76 19	10	MID	MID			H	U.S. ARMY SIGNAL CORPS
ELKTON	2860	CECIL	1	39 36	75 50	26	6P	6P			H	H. W. BOUCHELLE
EMMITSBURG 2 SE	2906	FREDERICK	5	39 41	77 18	420	5P	5P			H	MRS. LUCILLE E. BEALE
FORT GEORGE G MEADE	3230	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P			H	H. FILTRATION PLANT
FREDERICK WB AIRPORT	3350	FREDERICK	5	39 25	77 23	294	MID	MID			C	U.S. WEATHER BUREAU
FREDERICK 3 E	3355	FREDERICK	5	39 24	77 22	385	8A				C	MISS I. MARY STALEY
PROSBURG	3410	ALLEGANY	5	39 39	78 56	2035	7A	7A			H	C. A. SUTER, JR.
GLEN DALE BELL STA	3675	PRINCE GEORGE	4	38 58	76 48	151	AP	AP			H	H. PLANT INTRO. GARDEN
GRANTSVILLE	3795	GARRETT	7	39 42	79 09	2380					C	MRS. FANNIE G. MILLER
HAGERSTOWN	3975	WASHINGTON	5	39 39	77 44	660	6P	6P			H	H. HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	WASHINGTON	5	39 42	78 11	428	8A	8A			C	J. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	CHARLES	5	38 32	77 00	140	5P	5P			H	C. RUSSELL LEVERING
LAUREL 3 W	5111	PRINCE GEORGE	4	39 06	76 54	400	5P	5P			H	WASH. SUB. SANY. COMM.
LEONARDTOWN 3 NW	5201	ST. MARYS	5	38 19	76 40	40	5P	5P			C	RADIO STATION WKIK
LOCH RAVEN DAM	5340	BALTIMORE	1	39 26	76 33	190	5P				H	CITY OF BALTIMORE
LUKE	5530	ALLEGANY	5	39 28	79 04	1020	8A				H	HOWARD T. MANGOLD
MERRILL	5894	GARRETT	5	39 36	79 05	1790	8A				H	DELWOOD E. MERRILL
MILLINGTON	5985	KENT	1	39 16	75 51	30	6P	6P			H	LOUIS H. HOLLETT
NEW GERMANY	6408	GARRETT	5	39 38	79 07	2590					C	ARCHIE BITTINGER
OAKLAND 1 SE	6620	GARRETT	7	39 26	79 24	2420	5P	5P			H	LOAN WEBER
OCEAN CITY WATER PLANT	6670	WORCESTER	1	38 10	75 05	17	AP	AP			H	LUTHER D. BELL
OWINGS FERRY LANDING	6770	CALVERT	4	38 42	76 41	120	7P	7P			H	H. THOMAS J. BOURNE
PARKTON 2 SW	6844	BALTIMORE	1	39 38	76 42	600	11P	11P			C	JOHN R. FOX
PERRY POINT	6980	CECIL	1	39 33	76 04	40					C	VETERANS ADMINISTRATION
DELAWARE												
PICARDY	7010	ALLEGANY	5	39 33	76 30	1030	6P				H	POTOMAC HMD. ORCHARD
POTOMAC CITY 1 S	7140	WORCESTER	1	38 03	75 34	20	5P				H	RADIO STATION WDMW
POTOMAC FILTER PLANT	7272	MONTGOMERY	5	39 02	77 15	270	8A				H	CITY OF POTOMAC
PRESTON 1 S	7310	CAROLINE	1	38 42	75 55	50	6P	6P			H	FRANKLIN D. NUSBAUM
PRINCE FREDERICK	7325	CALVERT	1	38 32	76 35	140	5P	5P			H	BOYD KING
PRINCESS ANNE	7330	SOMERSET	1	38 12	75 41	15	5P				H	TOWN OF PRINCESS ANNE
ROCK HALL 3 SE	7700	KENT	1	39 07	76 12	10	6P	6P			H	JOHN C. BRANCA
ROCKVILLE	7705	MONTGOMERY	5	39 05	77 09	436	4P	4P			H	COUNTY POLICE
ROYAL OAK	7805	TALBOT	1	38 43	76 11	10	5P	5P			H	J. L. SWAIN, JR.
SALISBURY	8000	MICOMICO	1	38 22	75 35	10	5P	5P			H	CITY OF SALISBURY
SALISBURY FAA AIRPORT	8005	MICOMICO	1	38 20	75 30	52	MID	MID			H	FED. AVIATION AGENCY
SAVAGE RIVER DAM	8065	GARRETT	5	39 31	79 08	1495	8A	8A			C	UPPER POTOMAC RVR. COMM.
SHALLMAR	8191	GARRETT	5	39 23	79 12	1700	8A				C	CLARENCE B. KIMBLE
SINES DEEP CREEK	8315	GARRETT	7	39 31	79 25	2038	MID	7A			C	PA. ELECTRIC CO.
SNOW HILL	8380	WORCESTER	1	38 11	75 24	14	6P	6P			H	FRED W. SEILING
SOLOWHNS	8405	CALVERT	1	38 19	76 27	12	6P	6P			H	CHESAPEAKE BIOL. LAB.
TOWSON	8677	BALTIMORE	5	39 24	76 37	410	6P	6P			C	BALTIMORE COUNTY JAIL
UNIONVILLE	9030	FREDERICK	5	39 27	77 11	430	6P	6P			C	G. P. VON EIFF, JR.
UPPER MARLBORO 3 NW	9070	PRINCE GEORGES	4	38 52	76 47	98	6A	6A			C	TOBACCO EXP. FARM
VIENNA	9140	DORCHESTER	1	38 29	75 50	12	6P	6P			H	ERN. SHORE PUB. SVC. CO.
VALDORF POLICE BRKS	9195	CHARLES	5	38 39	76 53	210	5P				H	MD. STATE POLICE
WESTERNPORT	9405	ALLEGANY	5	39 29	79 03	1000	6P				H	MORRIS BRUCE
WESTMINSTER	9435	CARROLL	1	39 35	77 00	770	6P	7A			H	H. J. MATHIAS
WHEATON REGIONAL PARK	9502	MONTGOMERY	5	39 04	77 02	330	5P				H	PARK & PLANNING COMM.
WILLIAMSPORT	9570	WASHINGTON	5	39 37	77 51	360	7A				H	HAGERSTOWN MTR. PLANT
WOODSTOCK	9750	BALTIMORE	3	39 20	76 52	415	6P	6P			H	WOODSTOCK COLLEGE
DISTRICT OF COLUMBIA												
DALCARLIA RESERVOIR	2325		5	38 56	77 07	146	5P	5P			H	CORPS OF ENGINEERS
NATIONAL ARBORETUM	6300		5	38 54	76 58	70	AP	AP			H	U.S. NAT. ARBORETUM
U.S. SOLDIERS HOME	9035		5	38 56	77 01	230	MID	MID			H	U.S. SOLDIERS HOME
WASHINGTON WB CITY	9200		5	38 54	77 03	72	MID	MID			C	U.S. WEATHER BUREAU
DELAWARE												
BRIDGEVILLE 1 NW	1330	SUSSEX	1	38 45	75 37	50	5P	5P			H	WILLIAM RAY
DOVER	2730	KENT	2	39 09	75 31	25	4P	4P			H	STATE HIGHWAY DEPT.
GEORGETOWN 5 SW	3370	SUSSEX	1	38 38	75 28	45	5P	5P			C	UNIV. AGRI. EXP. STA.
LEWES 1 SW	5320	SUSSEX	2	38 46	75 09	20	6P	6P			H	FREDERICK C. VOGL
MIDDLETOWN 2 S	5052	NEW CASTLE	2	39 26	75 43	75	5P	5P			H	THOMAS T. DONOVAN
MILFORD 3 WW	5915	SUSSEX	2	38 56	75 29	52	5P				C	RADIO STATION WGSB
NEWARK UNIVERSITY FARM	6410	NEW CASTLE	2	39 40	75 44	90	6P	6P			C	UNIV. OF DELAWARE
SELBYVILLE	8269	SUSSEX	2	38 28	75 13	32	5P	5P			H	L. WIRRIE LONG
WILMINGTON CASTLE WB AP	8995	NEW CASTLE	2	39 40	75 36	73	MID	MID			C	U.S. WEATHER BUREAU
WILMINGTON PORTER RESV	8605	NEW CASTLE	2	39 46	75 32	274	MID	MID			H	WATER DEPARTMENT
NEW STATIONS												
MARYLAND												
SUITLAND	8658	PRINCE GEORGE	5	38 51	76 56	280	9A	9A			H	RALPH H. FREDERICK

1-CHESAPEAKE; 2-COASTAL; 3-PATAPSCO; 4-PATUXENT; 5-POTOMAC; 6-SUSQUEHANNA; 7-YOUGHTIENY

REFERENCE NOTES

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

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 only in the June and December issues of this bulletin.

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.

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

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for October 1956.

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.

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.

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

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- 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.

OTHER REFERENCE NOTES

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

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

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

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

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

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.)

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

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

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

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 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

