

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

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

SEPTEMBER 1961

Volume 65 No. 9



ASHEVILLE: 1961

MARYLAND AND DELAWARE - SEPTEMBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 3rd at Easton Airport, Md.

Lowest Temperature: 27° on the 29th at Oakland 1 SE, Md.

Greatest Total Precipitation: 5.55 inches at Salisbury FAA Airport,
Md.

Least Total Precipitation: 0.30 inch at Easton Airport, Md.

Greatest One-Day Precipitation: 3.67 inches on the 7th at Frostburg,
Md.

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
SEPTEMBER 1961

Station	Temperature												Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days			Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days					
										80° or Above	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More			
																							Max.	Min.	Max.
MARYLAND																									
SOUTHERN EASTERN SHORE																									
CRISFIELD HAMMOCK PT	83.1	69.1	76.1	3.4	94	3	51	30	7	5	0	0	0	1.66	- 2.25	.67	20	.0	0		5	1	0		
POCOMOKE CITY 1 S	83.9M	61.7M	72.8M		94	3	36	30	25	7	0	0	0	2.36		1.28	20	.0	0		5	1	1		
PRINCESS ANNE	84.2	61.5	72.9		96	3	36	30	30	8	0	0	0	4.08		1.62	6	.0	0		5	3	2		
SALISBURY	84.7	63.5	74.1		95	5+	40	30	17	9	0	0	0	2.86	- 1.76	.86	21	.0	0		6	2	0		
SALISBURY POLICE BRKS	83.8	63.2	73.5		94	5+	37	30	23	9	0	0	0	2.94		.85	6	.0	0		5	3	0		
SALISBURY FAA AIRPORT	82.4	64.5	73.5		95	5+	43	30	27	7	0	0	0	5.55		1.71	20	.0	0		8	4	1		
SNOW HILL	83.5	63.0	73.3	4.2	95	3	39	30	26	8	0	0	0	3.00	- 1.67	.88	20	.0	0		5	4	0		
DIVISION			73.7	3.6													3.21	- 1.09	.0						
CENTRAL EASTERN SHORE																									
BLACKWATER REFUGE	84.6	66.9	75.8		94	3	42	30	16	10	0	0	0	.63		.20	20	.0	0		3	0	0		
CAMBRIDGE 4 W	83.3	63.7	73.5		94	2	39	30	26	9	0	0	0	.50		.18	14	.0	0		2	0	0		
EASTON AIRPORT			M		98	3			10	0	0	0	0	.30	- 3.73	.30	20	.0	0		1	0	0		
EASTON POLICE BARRACKS	85.2	64.0	74.6	5.5	95	3	41	30	40	11	0	0	0	1.04	- 2.99	.40	15	.0	0		3	0	0		
PRESTON 1 S	83.8	61.9M	72.9M		95	3	36	30	36	11	0	0	0	1.05		.62	15	.0	0		3	1	0		
ROYAL OAK	85.2	65.0	75.1		94	3+	44	29	17	13	0	0	0	.56		.35	15	.0	0		2	0	0		
VIENNA	84.6	64.2	74.4		96	3	40	30	25	11	0	0	0	.65		.25	15	.0	0		4	0	0		
DIVISION			74.4	5.0													.68	- 3.37	.0						
LOWER SOUTHERN																									
CHARLOTTE HALL 1 ESE	84.6	61.8	73.2		94	4	39	30	24	12	0	0	0	.78		.35	4	.0	0		3	0	0		
LA PLATA 1 W	85.3	60.7	73.0		96	3	36	30	36	13	0	0	0	.66		.27	3	.0	0		3	0	0		
LEONARDTOWN 3 NW	85.4	61.8	73.6		96	12	41	16	18	14	0	0	0	.49		.32	3	.0	0		2	0	0		
OWINGS FERRY LANDING	84.4	62.2	73.3	4.3	97	3	40	30	31	12	0	0	0	.87	- 3.30	.67	4	.0	0		2	1	0		
PRINCE FREDERICK	84.2	59.6	71.9		94	5+	36	30	38	11	0	0	0	.70		.20	19+	.0	0		4	0	0		
SOLOMONS	84.2	68.6	76.4	4.2	94	12+	54	16	4	10	0	0	0	.71	- 2.94	.25	4	.0	0		4	0	0		
WALDORF POLICE BRKS	85.6	60.7	73.2		96	3	38	30	29	14	0	0	0	2.21		1.45	3	.0	0		3	1	1		
DIVISION			73.5	4.0													.92	- 3.06	.0						
UPPER SOUTHERN																									
ANNAPOLIS U S N ACADEMY	82.4	67.6	75.0	5.1	93	5	50	29	12	5	0	0	0	.57	- 2.89	.34	15	.0	0		2	0	0		
BALTIMORE WB AIRPORT R	84.2	62.1	73.2	5.3	94	2	40	30	30	12	0	0	0	1.57	- 1.89	1.28	4	.0	0		2	1	1		
BELTSVILLE	84.1	60.5	72.3		94	4	37	30	42	13	0	0	0	.82		.27	8	.0	0		4	0	0		
BELTSVILLE PLANT STA 5	84.1	59.5	71.8		94	4	35	30	47	13	0	0	0	.70		.41	4	.0	0		2	0	0		
COLLEGE PARK	85.8	61.9	73.9	5.4	95	3	38	30	30	15	0	0	0	.51	- 3.45	.21	3	.0	0		3	0	0		
DALECARLIA RESERVOIR DC	83.4	63.5	73.5		92	2	44	30	27	9	0	0	0	1.15		.59	3	.0	0		3	1	0		
FORT GEORGE G MEADE	84.8	60.1	72.5		95	3	36	30	40	13	0	0	0	1.85		.70	3	.0	0		3	2	0		
GLENN DALE BELL STA	85.4	58.5	72.0	4.2	95	3	35	30+	46	15	0	0	0	1.03	- 3.00	.60	4	.0	0		3	1	0		
LAUREL 3 W	85.2	64.5	74.9		94	13+	47	30+	18	13	0	0	0	1.06		.65	4	.0	0		2	1	0		
NATIONAL ARBORETUM D C	86.0	64.4	75.2		94	12+	42	30	18	15	0	0	0	.55		.32	15	.0	0		2	0	0		
U S SOLDIERS HOME D C	84.1	63.0	73.6		95	12	45	16	20	11	0	0	0	.61		.25	20	.0	0		3	0	0		
UPPER MARLBORO 3 NNW	84.1	59.8	72.0		94	4	36	30	42	13	0	0	0	1.14		.60	4	.0	0		2	1	0		
WASHINGTON WB CITY DC R	83.1M	65.9M	74.5M	4.6	95	3	49	30	17	9	0	0	0	.97	- 3.39	.44	3	.0	0		4	0	0		
DIVISION			73.4	4.9													.96	- 2.91	.0						
NORTHERN EASTERN SHORE																									
CENTREVILLE	83.7	62.1	72.9		95	3	38	30	35	11	0	0	0	1.06		.57	14	.0	0		3	1	0		
CHESTERTOWN	84.6	64.8	74.7		96	3	45	30	20	12	0	0	0	1.77		.62	3	.0	0		3	3	0		
COLEMAN 3 WNW	85.2	65.5	75.4	5.6	94	3+	45	30	8	12	0	0	0	.95	- 2.42	.45	16	.0	0		3	0	0		
MILLINGTON	85.0	60.1	72.6	3.9	95	12+	35	30	38	12	0	0	0	1.41	- 1.95	.94	15	.0	0		3	1	0		
ROCK HALL 3 SE	83.8M	66.3M	75.1M	6.1	93	4	48	30	14	7	0	0	0	.71	- 2.77	.39	15	.0	0		3	0	0		
DIVISION			74.1	4.8													1.18	- 2.19	.0						
NORTHERN CENTRAL																									
BALTIMORE WB CITY R	84.9	68.4	76.7	6.3	96	4+	50	30	12	14	0	0	0	.67	- 2.79	.41	3	.0	0		2	0	0		
BENSON POLICE BARRACKS	84.2	60.1	72.2		94	4+	38	30	37	11	0	0	0	.38		.20	4	.0	0		2	0	0		
BOYDS 2 NW	82.9	59.9	71.4		94	3	38	29	49	11	0	0	0	.85		.38	20	.0	0		3	0	0		
CONOWINGO DAM	83.0	62.0	72.5		94	4	41	30+	33	9	0	0	0	.74		.39	3	.0	0		2	0	0		
CONOWINGO POLICE BRKS	84.7	59.7	72.2		93	4	36	29	35	12	0	0	0	.70		.50	3	.0	0		2	1	0		
EDGEWOOD ARSENAL	82.4	61.5	72.0		94	4	39	29	40	6	0	0	0	.53		.15	3	.0	0		3	0	0		
ELKTON	84.5	62.0	73.3	5.5	95	4	39	30+	34	12	0	0	0	.99	- 2.29	.46	15	.0	0		3	0	0		
ENMITSBURG 2 SE	83.7M	58.3M	71.0M		92	12+	34	30+	55	11	0	0	0	4.84		1.86	7	.0	0		7	2	2		
FREDERICK POLICE BRKS	84.4	60.8	72.6		93	5+	37	30	46	14	0	0	0	2.31		2.18	8	.0	0		1	1	1		
FREDERICK WB AIRPORT R	82.6	59.1	70.9	2.4	92	23+	35	30	61	12	0	0	0	3.38	-.18	2.90	8	.0	0		3	1	1		
PARKTON 2 SW	81.4	59.2	70.3		90	24+	37	29	59	6	0	0	0	.41		.19	3	.0	0		1	0	0		
PIKESVILLE POL BRKS	82.1	63.2	72.7		94	3	43	30	37	4	0	0	0	.71		.45	3	.0	0		2	0	0		
ROCKVILLE	84.2	63.2	73.7		93	3	43	30+	30	12	0	0	0	.97		.40	20	.0	0		4	0	0		
TOWSON	84.7	62.0	73.4		94	3	39	30	34	13	0	0	0	.83	- 2.74	.60	7	.0	0		2	1	0		
UNIONVILLE	82.2	58.0	70.1		92	3	34	30	63	5	0	0	0	1.52		.87	7	.0	0		3	1	0		
WATERLOO POLICE BRKS	82.4	61.1	71.8		91	3	39	30+	39	6	0	0	0	.68		.42	4	.0	0		2	0	0		
WESTMINSTER	81.6	60.4	71.0	4.4	91	4+	39	29	53	6	0	0	0	.85	- 2.50	.56	4	.0	0		3	1	0		
WOODSTOCK	84.2	60.2	72.2	5.8	93	3+	36	30	44	13	0	0	0	.42	- 3.34	.19	3	.0	0		2	0	0		
DIVISION			72.2	5.2													1.21	- 2.41	.0						

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
SEPTEMBER 1961

CONTINUED

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
APPALACHIAN MOUNTAIN																							
BOONSBORO	83.0	58.6	70.8		93	3	38	29	50	10	0	0	0	2.38	1.12	8	+0	0		4	1	1	
CHEWSVILLE BRIDGEPORT	84.9	58.7	71.8	6.4	95	3	38	30+	49	14	0	0	0	-2.33	.30	4	+0	0		3	0	0	
CUMBERLAND	84.0	57.9	71.0		94	3	34	29	55	13	0	0	0	1.52	.40	7	+0	0		2	0	0	
CUMBERLAND POLICE BRKS	84.0	55.2	69.6		95	1	31	29	67	11	0	0	0	2.42	1.11	7	+0	0		6	1	1	
FROSTBURG	80.3	55.6	68.0	4.6	90	1	31	29	77	1	0	1	0	4.98	3.67	7	+0	0		5	2	1	
HAGERSTOWN																							
HAGERSTOWN	84.1	54.9	69.5		95	1	36	30	66	11	0	0	0	1.31	.32	3	+0	0		6	0	0	
HANCOCK FRUIT LAB	82.5	56.5	69.5		95	2+	39	30+	77	10	0	0	0	3.51	1.99	7	+0	0		5	2	1	
PICARDY	82.0	55.1	68.6		93	3	34	29	77	5	0	0	0	2.18	.64	2	+0	0		4	2	0	
WESTERNPORT	83.8	55.8	69.8	3.4	94	5+	32	29	62	15	0	1	0	2.39	.86	1.62	7	+0	0	2	2	1	
DIVISION																							
			69.8	4.1										2.38	.73		+0						
ALLEGHENY PLATEAU																							
BITTINGER 2 NW	74.3	53.6	64.0		84	13	30	29	131	0	0	1	0	1.23	.21	26+	+0	0		7	0	0	
OAKLAND 1 SE	76.6	51.5	64.1	3.3	86	14+	27	29	123	0	0	1	0	2.34	.75	2	+0	0		7	1	0	
SAVAGE RIVER DAM	79.8	54.6	67.2		93	13+	33	30	98	3	0	0	0	1.35	.42	21	+0	0		5	0	0	
SINES DEEP CREEK	77.4	49.9	63.7	4.3	88	13	30	29	134	0	0	1	0	1.37	.41	21	+0	0		5	0	0	
DIVISION																							
			64.8	4.7										1.57	1.69		+0						
DELAWARE																							
NORTHERN																							
MIDDLETOWN 2 S	84.0	61.9	73.0		94	12	39	30	33	10	0	0	0	1.57	.92	15	+0	0		3	1	0	
NEWARK UNIVERSITY FARM	83.9	61.7	72.8		94	4+	37	30	36	11	0	0	0	1.46	.63	21	+0	0		4	1	0	
WILMGTN NCASTLE WB AP	82.2	62.8	72.5	4.5	93	5+	42	29	36	8	0	0	0	2.33	1.34	14	+0	0		3	1	1	
WILMINGTON PORTER RESVR	80.5	63.2	71.9		91	12	44	30+	37	4	0	0	0	3.29	.01	1.88	14	+0	0	5	2	1	
DIVISION																							
			72.6	4.6										2.16	1.12		+0						
SOUTHERN																							
BRIDGEVILLE 1 NW	82.8	62.9	72.9	4.6	95	5+	38	30	34	9	0	0	0	2.28	.94	3	+0	0		5	2	0	
DOVER	84.0	64.1	74.1	4.8	93	12+	42	30	23	10	0	0	0	2.00	1.09	21	+0	0		4	1	1	
GEORGETOWN 5 SW	83.4	62.8	73.1		95	3	37	30	32	10	0	0	0	3.65	1.38	20	+0	0		5	3	1	
LEWES 1 SW	80.7	64.6	72.7		92	2+	49	17	26	5	0	0	0	2.80	1.40	20	+0	0		4	2	1	
MILFORD 3 WNW	83.0	62.8	72.9		93	12+	37	30	28	7	0	0	0	2.88	1.11	21	+0	0		4	2	1	
SELBYVILLE	83.4	64.1	73.8		97	3	40	30	28	9	0	0	0	4.73	1.61	3	+0	0		5	4	2	
DIVISION																							
			73.3	4.4										3.06	1.08		+0						

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 EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	01-09	10-49	50-99	100-199			200 and over	Total
ANNAPOLIS USN ACADEMY, MD.	-	-	-	-	-	-	-	-	-	-	2	2	2	0	0	0	6	-	-
BALTIMORE WB AIRPORT, MD.	WNW	15	9.7	42	N	3	83	84	54	68	5	4	1	0	1	0	11	67	4.1
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	2	4	2	0	0	1	9	-	-
WASHINGTON WB CITY, D. C.	SE†	16†	7.1†	34†	W†	3†	85†	86†	59†	73†	5†	2†	3†	0†	0†	0†	10†	78†	4.3†
WILMINGTON NCASTLE WB AP, DEL.	NW	13	8.9	28++	NW	15	86	88	56	74	3	0	3	0	1	0	7	-	4.4

† Airport Data

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1961

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																																
ANNAPOLIS U S N ACADEMY	MAX MIN	86 75	89 77	91 69	90 71	93 74	91 75	84 75	81 74	85 73	85 73	88 75	88 74	86 76	83 75	77 58	72 53	73 56	68 61	71 64	75 67	89 70	89 70	89 70	91 70	88 69	79 63	75 57	80 62	66 50	71 52	82.4 67.6
BALTIMORE WB AIRPORT	MAX MIN	93 68	94 69	93 70	92 69	92 72	89 73	83 72	81 70	86 69	88 67	91 69	93 69	91 68	87 68	74 55	73 46	74 50	70 54	72 61	75 66	87 69	91 63	92 64	92 66	92 63	80 53	76 49	81 50	70 41	74 40	84.2 62.1
BALTIMORE WB CITY	MAX MIN	94 76	96 77	96 72	95 78	92 78	92 78	83 76	84 74	88 74	91 72	93 74	94 75	92 75	86 74	76 59	72 54	72 55	69 54	72 63	76 67	86 72	90 72	92 73	92 74	91 72	79 63	77 58	81 72	70 63	73 50	84.9 68.4
BELTSVILLE	MAX MIN	90 65	91 66	93 69	94 68	92 70	92 70	90 73	84 70	82 65	86 64	88 65	91 64	93 66	90 68	85 47	72 45	73 46	72 45	69 55	72 60	74 66	85 62	88 60	92 62	91 61	91 60	82 55	73 46	80 38	69 37	84.1 60.5
BELTSVILLE PLANT STA 5	MAX MIN	90 63	91 65	92 68	94 67	93 70	91 69	92 71	85 70	84 65	86 63	88 63	92 64	93 64	90 67	86 64	72 44	71 46	72 47	68 57	72 63	74 66	85 65	87 58	90 62	91 60	90 62	77 45	77 45	79 36	70 35	84.1 59.5
BENSON POLICE BARRACKS	MAX MIN	90 65	92 65	94 68	92 66	92 69	92 70	90 69	88 68	85 65	82 64	84 65	94 65	90 64	86 45	75 60	73 44	73 44	84 44	72 45	75 44	84 44	87 65	90 65	82 64	87 63	85 62	83 45	79 54	75 39	73 38	84.2 60.1
BITTINGER 2 NW	MAX MIN	82 60	81 64	82 62	80 66	83 60	82 62	82 63	77 65	80 64	80 65	82 66	82 64	84 61	82 58	65 47	61 37	62 40	63 40	60 48	64 56	69 55	75 51	79 59	80 62	80 56	68 48	68 40	59 42	63 30	73 40	74.3 53.6
BLACKWATER REFUGE	MAX MIN	92 74	92 76	94 76	93 72	93 74	93 73	89 75	86 70	85 66	87 73	88 75	90 75	88 75	84 77	78 64	74 51	73 49	84 55	74 64	73 49	84 71	86 71	90 68	91 68	90 68	86 70	83 60	80 57	79 49	74 42	84.6 66.9
BOONSBORO	MAX MIN	91 68	92 66	93 68	89 66	91 68	91 68	84 65	79 65	86 67	89 67	90 65	92 67	89 68	86 65	79 47	71 41	73 44	72 42	72 55	70 62	84 61	88 55	91 61	90 61	90 60	80 55	76 47	69 48	73 38	76 46	83.0 58.6
BOYDS 2 NW	MAX MIN	90 66	91 66	94 66	87 65	91 68	91 68	83 71	78 69	84 68	88 65	90 65	93 67	90 68	84 46	74 45	71 46	71 45	73 45	68 57	70 62	82 44	88 62	91 65	90 65	90 65	86 40	80 55	79 48	69 38	71 41	82.9 59.9
CAMBRIDGE 4 W	MAX MIN	90 67	94 71	93 73	90 69	91 68	91 68	88 74	84 68	85 62	88 67	91 69	91 68	89 68	85 71	76 65	72 53	74 47	85 54	72 61	74 66	87 69	87 70	89 69	91 64	85 64	79 64	74 57	80 53	70 39	75 39	83.3 63.7
CENTREVILLE	MAX MIN	90 68	92 62	95 69	92 67	91 69	90 69	84 72	82 62	87 64	90 65	92 68	90 68	89 69	85 69	79 61	70 48	73 69	68 50	70 61	77 64	85 69	88 63	91 62	90 62	87 63	81 63	77 49	80 50	73 39	76 38	83.7 62.1
CHARLOTTE HALL 1 ESE	MAX MIN	90 69	92 69	93 66	94 68	92 70	90 69	89 70	85 69	86 61	89 67	92 69	93 61	90 69	88 70	80 56	71 60	72 50	71 56	70 60	73 59	85 65	86 63	90 64	90 63	90 63	88 53	77 44	80 45	78 36	75 42	84.6 61.8
CHESTERTOWN	MAX MIN	92 72	94 74	96 70	94 69	93 73	93 73	84 74	83 70	87 68	89 69	92 72	94 73	92 73	83 72	78 59	70 51	76 53	68 52	70 62	76 65	88 69	90 67	92 66	92 67	86 67	81 63	77 53	82 56	70 46	77 45	84.6 64.8
CHEWSVILLE BRIDGEPORT	MAX MIN	94 65	93 66	95 67	92 66	92 67	92 67	86 71	81 69	87 69	90 66	92 65	94 67	92 66	83 45	73 42	72 42	73 42	86 42	73 57	71 45	86 63	90 58	93 58	92 59	92 59	87 45	78 45	75 38	70 38	74 41	84.9 58.7
COLEMAN 3 WNW	MAX MIN	92 71	94 74	94 74	93 69	92 74	92 73	90 73	81 69	87 68	89 68	91 68	93 67	92 67	87 71	77 64	73 53	74 59	70 49	72 62	77 66	85 69	89 68	91 65	92 63	87 65	86 42	77 44	82 42	82 31	74 36	85.2 65.5
COLLEGE PARK	MAX MIN	92 65	94 68	95 70	94 69	93 72	93 72	90 73	83 71	87 67	89 65	93 66	93 66	91 67	89 73	81 64	73 48	73 48	69 50	72 60	75 66	86 68	90 67	92 61	92 63	91 61	92 61	78 48	82 49	77 39	76 38	85.8 61.9
CONOWINGO DAM	MAX MIN	90 65	92 70	92 68	94 68	91 68	92 69	80 73	82 67	86 67	90 66	89 68	90 67	90 66	84 49	74 58	72 49	72 51	71 49	76 62	76 65	86 69	86 65	89 63	92 63	88 65	78 55	79 48	77 51	69 41	71 41	83.0 62.0
CONOWINGO POLICE BRKS	MAX MIN	90 58	91 66	92 66	93 64	92 68	92 68	89 71	82 64	86 67	89 64	90 63	91 67	89 67	91 67	80 59	73 45	73 47	72 47	72 59	75 62	84 61	87 65	90 61	92 63	91 63	88 46	79 42	80 42	76 31	73 36	84.7 59.7
CRISFIELD HAMMOCK PT	MAX MIN	88 77	93 79	94 80	92 73	92 78	92 75	87 72	86 71	87 67	86 76	86 77	89 77	87 77	87 76	80 66	72 58	73 53	80 58	76 53	73 69	80 70	83 71	84 69	87 70	85 71	80 63	78 47	78 62	77 51	71 51	83.1 69.1
CUMBERLAND	MAX MIN	92 60	92 66	94 65	91 66	90 67	90 67	85 69	80 70	89 70	89 65	92 65	91 65	92 66	91 45	71 59	70 43	71 43	68 59	68 56	81 59	86 41	92 61	93 60	92 61	86 58	78 44	74 47	69 34	78 39	84.0 57.9	
CUMBERLAND POLICE BRKS	MAX MIN	95 59	89 64	92 63	90 66	90 65	90 65	88 74	81 68	89 64	89 64	92 68	90 64	91 64	90 61	88 37	71 39	70 38	72 37	71 54	68 60	81 57	85 55	89 59	90 58	90 58	89 42	77 42	77 42	69 31	78 36	84.0 55.2
DALECARLIA RESERVOIR DC	MAX MIN	90 70	90 70	92 70	90 69	91 70	90 71	86 74	84 72	85 69	87 69	90 69	91 69	89 71	83 48	80 49	73 48	73 49	63 50	71 61	75 66	83 66	86 64	88 63	89 66	89 67	88 61	78 52	77 53	75 45	76 44	83.4 63.5
EASTON AIRPORT	MAX MIN	92 74	96 80	98 78	96 74	94 72	92 73	93 67	83 66	85 70	88 68	87 72	90 68	94 70	88 68	88 59	85 46	88 48	80 49	85 62	73 65	73 65	80 62	83 64	86 63	85 64	80 65	78 48	80 50	72 39	73 39	84.5 62.0
EASTON POLICE BARRACKS	MAX MIN	91 72	93 74	95 75	92 68	94 71	93 69	89 73	85 69	87 64	88 64	91 68	92 64	92 67	87 71	80 52	73 51	73 50	70 49	72 62	75 62	85 65	88 69	92 66	92 66	89 65	85 42	79 42	81 42	79 31	75 36	85.2 64.0
EDGEWOOD ARSENAL	MAX MIN	88 65	88 67	92 68	94 68	92 70	92 70	81 73	82 69	84 69	86 65	87 67	87 67	87 71	83 53	76 49	71 62	75 50	85 49	72 62	75 67	85 72	88 65	89 62	92 62	88 62	89 48	77 46	79 46	76 39	71 42	82.4 61.5
ELKTON	MAX MIN	92 65	92 72	93 70	94 67	94 71	92 70	85 72	82 68	88 66	90 65	92 68	94 68	92 70	87 62	79 49	73 46	73 48	70 49	75 62	75 65	86 66	89 67	92 64	90 63	85 64	80 65	78 48	80 50	72 39	73 39	84.5 62.0
ENMITSBURG 2 SE	MAX MIN	92 60	90 65	92 65	90 66	91 68	91 67	87 71	80 69	84 65	88 65	90 63	92 63	88 65	84 60	80 44	72 44	72 40	70 40	70 56	71 61	84 68	88 62	91 59	90 59	90 59	87 43	76 42	75 42	70 34	73 34	83.7 58.3
FORT GEORGE G MEADE	MAX MIN	92 64	93 66	95 63	93 66	92 70	90 70	88 74	83 70	85 66	88 64	91 65	93 65	90 66	86 45	79 50	72 45	73 50	70 60	74 60	85 68	90 60	92 60	91 64	91 61	89 57	78 47	79 47	74 37	75 36	84.8 60.1	
FREDERICK POLICE BRKS	MAX MIN	93 68	92 67	92 67	93 68	93 68	92 69	90 74	80 68	85 69	89 68	91 68	92 68	92 70	89 58	81 42	71 47	71 42	70 42	72 52	85 65	89 66	90 64	90 63	90 63	89 46	77 45	75 45	75 37	75 37	84.4 60.8	
FREDERICK WB AIRPORT	MAX MIN	92 66	92 67	92 67	90 67	90 68	90 68	81 74	78 68	86 69	88 66	91 68	91 68	90 69	85 67	70 45	72 44	72 44	71 44	70 56	72 62	85 67	88 63	92 60	91 61	91 61	73 49	77 46	76 45	69 35	73 35	82.6 59.1

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1961

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	
LEONARDTOWN 3 NW	MAX	93	95	93	90	92	92	91	85	88	91	94	96	92	85	78	72	74	70	68	74	86	89	90	91	91	88	79	83	75	78		
	MIN	66	70	70	66	66	67	69	68	62	65	70	68	69	73	61	41	47	57	61	66	68	62	57	60	64	62	54	49	53	44		
MILLINGTON	MAX	91	94	95	95	93	92	88	87	88	90	92	95	94	88	80	72	75	69	70	75	85	88	91	92	85	82	75	80	75	75		
	MIN	65	70	70	70	69	68	68	66	64	64	67	68	68	67	58	45	46	47	59	59	65	65	60	60	61	62	48	50	38	35		
NATIONAL ARBORETUM D C	MAX	93	94	94	94	93	93	90	85	88	90	93	94	92	91	79	76	74	70	71	76	85	88	91	93	90	89	79	80	78	76		
	MIN	74	72	74	70	72	70	71	70	68	70	71	73	72	71	66	50	49	51	61	65	68	66	66	68	65	65	53	55	45	42		
OAKLAND 1 SE	MAX	85	82	85	83	85	85	82	78	83	84	84	86	86	86	67	63	64	64	63	65	72	78	82	82	82	82	63	70	62	68	78	
	MIN	54	59	60	63	60	64	62	64	61	61	52	58	55	55	51	36	35	42	49	57	55	49	51	52	53	49	37	40	27	33		
OWINGS FERRY LANDING	MAX	91	94	97	92	93	90	87	81	86	88	92	94	90	84	78	73	72	67	70	74	85	89	93	92	90	85	76	82	71	75		
	MIN	67	71	70	67	70	69	72	68	64	67	69	69	69	70	60	46	48	55	58	64	66	63	64	64	63	65	52	53	43	40		
PARKTON 2 SW	MAX	89	90	90	90	90	89	76	79	83	85	89	90	87	84	72	72	71	70	70	72	84	87	89	90	88	75	76	67	70	81.4		
	MIN	65	67	67	67	71	68	71	68	67	64	64	65	66	67	50	44	46	43	58	63	67	63	62	65	62	49	45	48	37	59.2		
PICARDY	MAX	93	86	91	87	89	88	85	78	85	87	88	89	91	88	81	72	69	71	65	69	81	88	89	91	90	75	77	73	68	77		
	MIN	60	62	64	64	60	63	64	66	65	64	59	63	63	64	55	38	35	37	52	57	55	64	58	55	58	52	41	46	34	35		
PIKESVILLE POL BRKS	MAX	89	91	94	89	89	89	88	80	83	85	90	90	87	86	78	70	69	69	70	72	82	86	89	89	87	87	72	72	70	82.1		
	MIN	69	69	73	68	74	72	72	70	69	68	69	70	69	70	63	48	50	49	59	63	68	67	59	70	65	60	50	55	44	43		
POCOMOKE CITY 1 S	MAX	91	93	94	91	92	91	85	84	85	85	87	91	87	86	68	72	65	72	61	64	86	89	87	85	83	78	80	75	83.9			
	MIN	62	74	72	63	65	65	67	67	59	61	62	65	65	69	62	46	44	52	61	64	64	57	56	65	66	59	54	61.7				
PRESTON 1 S	MAX	90	92	95	92	94	92	87	85	87	88	91	93	90	86	80	70	73	67	71	72	83	86	90	91	87	81	74	80	72	75		
	MIN	66	73	72	67	70	68	70	66	61	64	69	69	69	68	63	47	46	50	66	67	67	63	64	64	64	64	54	50	42	36		
PRINCE FREDERICK	MAX	91	94	91	92	94	90	85	80	85	89	92	93	90	86	86	70	70	73	70	74	85	89	90	90	89	85	76	81	75	72		
	MIN	68	68	64	64	68	69	68	68	69	65	67	67	66	68	56	43	48	50	58	62	63	62	63	62	60	60	50	49	40	36		
PRINCESS ANNE	MAX	92	94	96	93	95	93	86	86	85	86	89	90	90	87	80	71	71	70	72	73	85	87	88	89	85	85	80	76	72	84.2		
	MIN	62	73	71	66	67	68	71	66	62	64	66	62	67	69	62	46	46	54	60	65	66	64	61	61	64	66	59	55	45	36		
ROCK HALL 3 SE	MAX	89	91	92	93	92	90	85	86	88	91	93	87	84	79	71	68	70	75	86	88	90	88	88	88	86	81	77	79	74	83.8		
	MIN	72	73	74	69	73	73	74	68	73	72	73	73	61	52	52	62	65	69	68	66	67	67	66	67	67	68	54	57	48	66.3		
ROCKVILLE	MAX	92	91	93	91	91	90	90	85	85	87	90	92	92	89	80	71	71	71	70	73	83	88	90	90	89	89	76	78	77	72		
	MIN	69	69	72	69	71	73	74	70	69	67	69	70	70	70	64	46	47	48	60	63	67	64	66	69	69	62	54	43	43	43		
ROYAL OAK	MAX	91	94	94	93	93	93	89	85	87	90	92	93	92	83	79	72	78	71	73	76	86	90	92	93	88	82	76	81	75	75		
	MIN	72	74	74	70	74	71	74	68	65	71	74	74	72	74	63	52	50	52	62	66	69	68	66	66	65	62	54	55	44	45		
SALISBURY	MAX	91	95	94	93	95	90	85	86	86	87	90	90	89	85	79	73	76	76	71	73	85	89	91	89	88	83	78	82	77	74		
	MIN	67	74	73	68	71	70	73	68	64	66	68	69	68	69	64	48	49	57	61	67	66	62	64	64	66	66	59	56	47	40		
SALISBURY POLICE BRKS	MAX	90	94	94	91	94	91	89	83	85	87	89	90	90	84	77	74	71	75	70	70	83	87	89	91	87	83	77	81	77	72		
	MIN	67	74	71	68	70	70	71	68	67	65	68	68	67	69	65	47	47	56	62	67	65	65	63	63	67	66	57	47	37	37		
SALISBURY FAA AIRPORT	MAX	90	93	95	88	95	88	83	82	88	87	90	92	90	84	75	69	69	65	70	72	83	87	89	84	85	83	72	81	71	73		
	MIN	70	75	68	68	72	71	70	68	65	68	71	72	70	74	58	50	50	59	65	68	68	66	65	65	68	63	61	58	45	43		
SAVAGE RIVER DAM	MAX	93	88	87	87	86	89	88	79	80	86	90	88	93	89	88	61	65	68	69	61	68	74	81	84	88	86	65	74	74	66		
	MIN	54	60	63	66	63	64	65	68	69	64	57	57	62	60	56	41	39	40	43	52	57	54	57	57	57	55	42	42	33			
SINES DEEP CREEK	MAX	85	83	85	85	83	85	85	81	83	85	85	87	88	87	64	62	66	66	66	73	78	83	83	82	84	64	70	67	77			
	MIN	55	57	59	63	58	60	62	65	61	56	52	59	56	53	43	35	35	35	49	54	50	47	50	52	53	40	37	36	30	35		
SNOW HILL	MAX	92	94	95	90	93	92	86	85	87	89	90	92	89	86	79	71	71	66	71	72	82	86	88	85	86	84	77	80	74	72		
	MIN	65	72	70	66	69	71	73	68	63	61	68	67	67	72	63	48	46	59	63	68	64	64	63	63	61	63	60	57	47	39		
SOLOMONS	MAX	91	94	92	91	92	92	87	84	86	90	91	94	89	84	79	71	74	70	71	74	85	87	89	91	88	86	77	80	75	71		
	MIN	74	75	75	72	75	77	76	74	72	71	73	74	73	75	65	54	59	59	62	68	69	69	69	70	69	70	64	62	57	55		
TOWSON	MAX	90	91	94	93	93	93	89	81	85	87	90	92	90	88	80	74	73	71	73	73	86	89	92	91	91	90	77	79	75	72		
	MIN	60	69	71	68	71	70	73	70	69	67	67	67	71	71	62	46	47	47	61	69	68	66	63	64	63	64	47	50	40	39		
UNIONVILLE	MAX	91	91	92	89	89	90	86	78	85	87	89	91	89	85	79	70	72	69	70	72	82	86	87	88	87	81	76	73	66	74		
	MIN	62	65	67	66	66	66	72	69	68	65	64	65	66	69	56	41	41	43	58	63	67	56	56	58	58	59	43	43	35	34		
U S SOLDIERS HOME D C	MAX	91	92	94	92	92	91	86	86	86	88	94	95	89	85	76	74	74	70	72	75	85	86	90	91	90	77	76	80	70	75		
	MIN	65	72	69	69	68	71	71	69	68	69	76	77	69	67	55	45	51	52	58	64	65	61	64	68	64	58	54	54	49	47		
UPPER MARLBORO 3 NNW	MAX	90	91	93	94	92	92	90	85	83	86	88	91	92	90	85	73	72	73	67	72	75	85	88	91	91	90	78	77	80	70		
	MIN	65	67	68	67	69	68	70	70	64	64																						

DAILY TEMPERATURES

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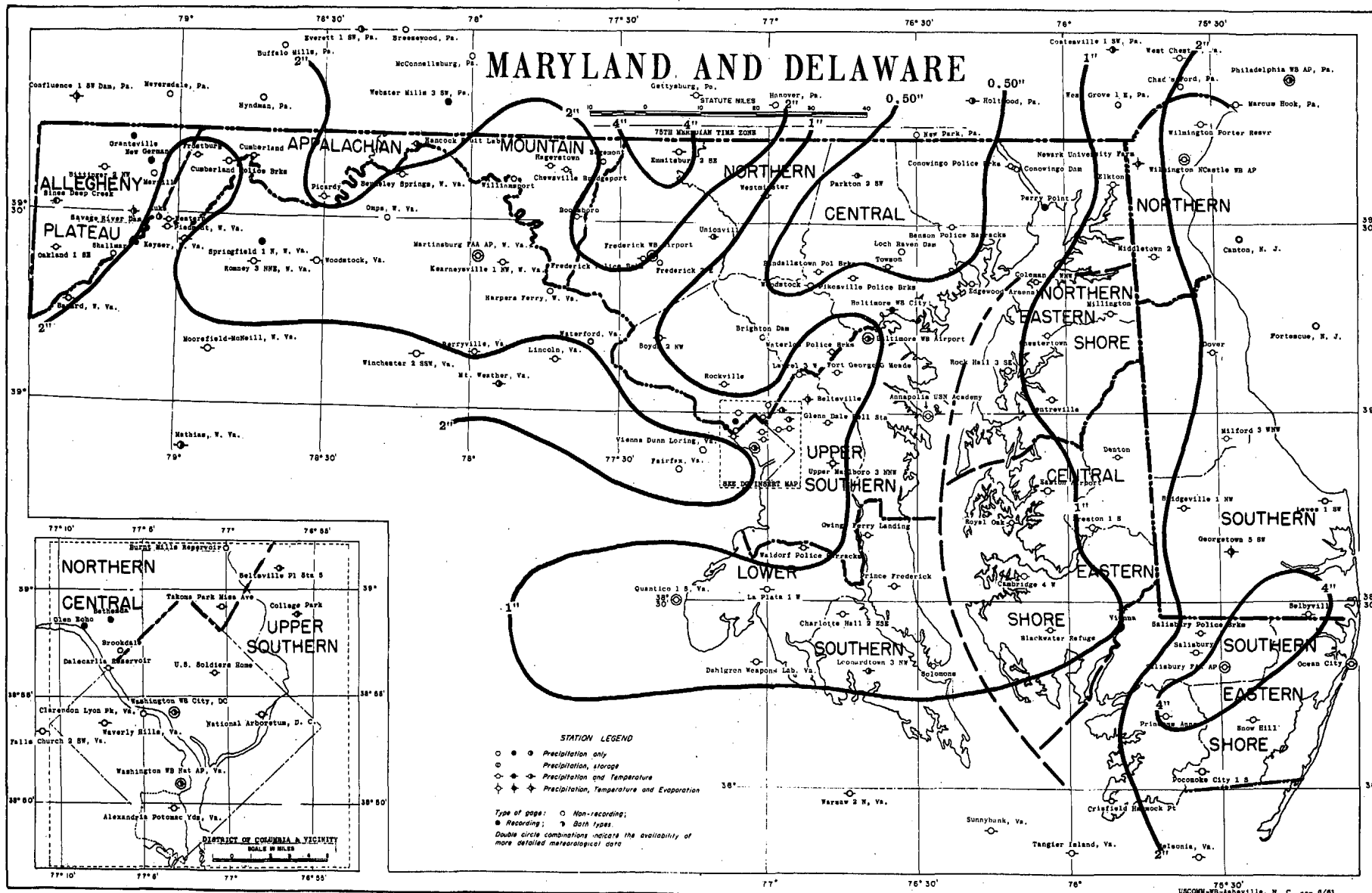
Continued

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	
LEWES 1 SW	MAX	92	92	90	89	88	87	80	80	83	88	91	91	89	86	75	69	69	65	69	71	85	82	86	81	84	81	71	76	64	68	80.7 64.6	
	MIN	68	74	71	65	69	70	71	67	67	63	70	71	70	71	61	51	49	59	63	66	65	68	68	65	69	65	61	57	52	52		
MIDDLETOWN 2 S	MAX	91	92	93	92	93	91	84	83	87	90	93	94	93	89	79	71	73	69	70	75	84	87	89	88	85	84	76	79	74	72	84.0 61.9	
	MIN	66	71	71	66	70	69	72	67	65	66	69	70	69	69	61	47	49	50	61	62	66	65	63	63	65	64	49	52	41	39		
MILFORD 3 WNW	MAX	91	92	93	93	93	88	82	83	85	89	91	93	88	88	78	67	74	72	69	73	83	86	87	86	86	81	75	78	75	71	83.0 62.8	
	MIN	68	74	72	67	72	70	72	66	62	65	70	70	70	64	62	48	48	59	61	66	65	68	66	64	64	65	54	54	42	37		
NEWARK UNIVERSITY FARM	MAX	92	91	94	94	93	91	85	85	87	88	91	92	91	85	78	73	72	73	70	75	83	88	90	92	84	80	76	78	73	72	83.9 61.7	
	MIN	64	71	69	67	72	70	71	66	66	66	68	67	68	68	61	47	50	47	61	64	66	68	67	64	64	64	47	52	39	37		
SELBYVILLE	MAX	92	95	97	90	94	92	84	83	86	90	92	93	89	86	79	71	70	65	69	71	84	87	89	85	86	83	77	81	71	71	83.4 64.1	
	MIN	69	73	73	66	70	71	73	68	63	66	70	71	69	71	63	49	48	61	63	66	65	65	65	66	69	67	60	58	46	40		
WILMGTN NCASTLE WS AP	MAX	90	91	93	92	93	91	82	81	83	87	90	91	88	83	75	72	71	71	69	75	84	88	89	88	85	75	77	67	69	82.2 62.8		
	MIN	68	73	69	69	74	73	70	69	67	67	70	69	70	70	52	47	51	50	62	65	66	67	67	68	68	57	50	51	42		43	
WILMINGTON PORTER RESVR	MAX	89	89	90	90	90	88	79	80	83	86	89	91	88	82	75	70	69	69	67	73	82	85	87	86	82	74	74	75	65	69	80.5 63.2	
	MIN	69	71	69	69	74	73	70	67	68	68	71	70	71	71	55	49	51	48	60	63	65	67	69	69	68	57	51	54	44	44		

EVAPORATION AND WIND

Station		Day of month																															Total Evap	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	.20	.22	.19	.22	.19	.20	.15	.26	.03	.16	.14	.17	.15	.21	.12	.18	.16	.15	.25	.07	.05	.26	.25	.19	.20	.32	.17	.16	.22	.17	5.41 555 87.0 64.2		
	WIND	7	7	4	6	9	3	3	15	4	4	1	1	10	34	35	13	29	43	37	51	63	26	7	14	29	20	40	34	5				
	MAX	93	95	98	99	97	97	95	89	88	91	93	95	97	95	88	74	77	77	71	70	72	85	85	92	90	88	83	80	80	76			
	MIN	67	67	74	71	72	75	75	72	70	69	69	71	71	71	66	49	50	50	52	66	66	65	65	67	66	66	58	54	46	45			
SAVAGE RIVER DAM, MD.	EVAP	.21	.01	.23	.26	.17	.15	.13	.22	.02	.20	.17	.13	.20	.17	.28	.19	.14	.16	*	*	.24	.14	.08	.17	.12	.19	.16	.11	.08	.12	4.45 985 84.0 61.5		
	WIND	17	20	27	23	49	19	15	15	31	30	20	23	15	23	68	82	44	26	49	27	24	63	25	18	24	44	61	35	49	19			
	MAX	95	90	92	93	89	92	92	88	87	94	94	95	95	92	90	88	71	77	77	64	68	78	84	88	90	88	74	78	66	72			
	MIN	61	68	71	69	69	70	72	78	74	70	65	65	69	68	62	49	48	49	53	58	62	59	59	64	65	62	50	50	43	43			
UPPER MARLBORO 3 NNW, MD	EVAP	.20	.19	.20	.22	.17	.19	.16	.12	.13	.17	.18	.19	.15	.20	.13	.16	.16	.16	.07	.04	.04	.22	.15	.17	.20	.12	.22	.12	.18	.14	4.75 604 89.7 65.1		
	WIND	16	30	10	12	11	8	6	9	12	13	5	20	29	27	21	33	46	52	55	41	17	9	11	17	29	12	22	16					
	MAX	96	98	100	103	101	101	98	93	92	97	94	97	99	97	88	77	79	78	70	72	73	89	91	95	93	92	86	81	83	79			
	MIN	67	71	74	71	72	74	75	74	71	69	70	73	74	72	68	52	52	53	54	62	66	65	65	67	67	55	55	49	49				
GEORGETOWN 5 SW, DEL.	EVAP	.17	.27	.21	.23	.19	.17	.19	.22	.14	.18	.23	.22	.21	.33	.14	.21	.19	.12	.00	-	.26	.27	.19	.20	.18	.22	.13	.13	.18	.16	85.73 1297		
	WIND	16	25	18	31	19	18	43	30	15	21	26	23	14	15	62	60	53	76	89	103	172	87	28	31	68	46	25	31	27	25			
NEWARK UNIV FARM, DEL.	EVAP	.16	.34	.21	.15	.03	.21	.05	.17	.06	.28	.14	.07	.21	.15	.31	.15	.19	.02	.08	*	.13	.24	.24	.06	.10	.20	*	*	.45	-	84.55 760 88.1 64.4		
	WIND	18	32	16	19	19	20	31	15	15	23	18	19	19	22	50	28	35	30	39	24	69	53	21	12	14	35	13	22	15	14			
	MAX	96	96	98	97	97	95	91	83	90	92	95	95	93	92	89	80	79	75	71	73	83	90	93	95	91	84	81	80	77	-			
	MIN	68	73	72	68	72	71	71	68	69	69	71	71	71	71	64	49	52	50	60	63	64	64	67	66	67	65	52	55	45	-			

See Reference Notes Following Station Index



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

MARYLAND AND DELAWARE
SEPTEMBER 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER
							TEMP.	PRECIP.	SPECIAL									TEMP.	PRECIP.	SPECIAL	
MARYLAND																					
ANNAPOLIS U S N ACADEMY	0189	ANNE ARUNDEL	1	38 59	76 28	10	MID	MID		H	U.S. NAVY										MD. STATE POLICE
BALTIMORE WB AIRPORT	0465	ANNE ARUNDEL	3	39 11	76 40	146	MID	MID		C	U.S. WEATHER BUREAU										FED. AVIATION AGENCY
BALTIMORE WB CITY	0470	BALTO CITY	3	39 17	76 37	14	MID	MID		C	U.S. WEATHER BUREAU										CLARENCE B. KIMBLE
BELTSVILLE	0700	PRINCE GEORGE	5	39 02	76 53	120	8A	8A		C	CHESTER H. GORDON										PA. ELECTRIC CO.
BELTSVILLE PLANT STA 5	0705	PRINCE GEORGE	5	39 01	76 57	100	9A	9A		C	USDA PLANT IND. STA.										
BETHSDA	0732	HARFORD	1	39 30	76 23	365	5P	5P		C	MD. STATE POLICE										FRED W. SEILING
BETHSDA	0795	MONTGOMERY	5	38 58	77 07	350				C	CORPS OF ENGINEERS										CHESAPEAKE BIOL. LAB.
BITTINGER 2 NW	0881	GARRETT	7	39 37	79 15	2700	7P	7P		C	ELBERT E. BUCKEL										G. L. HARVEY
BLAZEMANTER REFUGE	0913	DORCHESTER	1	38 26	76 08	5	4P	4P		H	NAT. WILDLIFE REFUGE										BALTIMORE COUNTY JAIL
BROOKSBO	0986	WASHINGTON	5	39 33	77 39	735	6P	6P		C	J. HOWARD BECKENBAUGH										G. P. VON EIFF, JR.
BOYDS 2 NW	1032	MONTGOMERY	5	39 12	77 20	580	6P	6P		C	RALPH F. STALEY										TOWACO EXP. FARM
BRIGHTON DAM	1125	MONTGOMERY	4	39 12	77 01	350	8A	8A		C	WASH. SUB. SANIT. COMM.										ERN. SHORE PUB. SVC. CO.
BROOKDALE	1170	MONTGOMERY	5	38 57	77 04	260	7P	7P		H	B. FRANCIS DASHIELL										MD. STATE POLICE
BURBY HILLS RESERVOIR	1278	MONTGOMERY	5	39 02	77 00	220	8A	8A		H	D. RAY MC B. HARDING										MD. STATE POLICE
CAMBRIDGE 4 W	1385	DORCHESTER	1	38 34	76 09	5	6P	6P		C	U.S. ARMY SIGNAL CORP.										MORRIS BRUCE
CENTREVILLE	1627	QUEEN ANNES	1	39 03	76 03	46	6P	6P		C	ALEXANDER J. KNIGHT										
CHARLOTTE H.L. 1 ESE	1686	ST. MARYS	4	38 28	76 45	187	5P	5P		C	GREEN MANOR FARM										
CHESTERDOWN	1750	KENT	1	39 13	76 04	35	11P	11P		H	T. W. ELIASON, JR.										PARK + PLANNING COMM.
CHEVYCHILE BRIDGEPORT	1790	WASHINGTON	5	39 02	77 41	560	5S	5S		C	U. PAUL OSWALD										
COLEMAN 3 NW	1980	KENT	1	39 21	76 08	76	6P	6P		C	W. B. HARRIS										HAGERSTOWN MTR. PLANT
COLLEGE PARK	1995	PRINCE GEORGE	5	38 59	76 54	70	5P	5P		C	H. U.S. GEOL. SURVEY										WOODSTOCK COLLEGE
COMOWING DAM	2060	HARFORD	4	39 39	76 10	40	MID	MID		C	SUSQUEHANNA ELECTRIC CO.										CORPS OF ENGINEERS
COMOWING POLICE BRKS	2065	HARFORD	4	39 39	76 11	195	5P	5P		C	MD. STATE POLICE										U.S. WEATHER BUREAU
CRISFIELD HAMMOCK PT	2205	SOMERSET	1	37 58	75 52	7	5P	5P		C	LEE G. HARMÉ										
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		C	MD. STATE POLICE										
DENTON	2523	CAROLINE	1	38 53	75 50	20	6P	6P		H	JAMES K. COOPER										
EASTON AIRPORT	2695	TALBOT	1	38 40	76 04	60	5P	5P		C	UNIVERSAL AVIATION CORP.										
EDGEWOOD	2710	WASHINGTON	5	39 40	77 33	905	6A	6A		C	GEORGE W. STAPLES, III										
EDGEWOOD ARSENAL	2795	HARFORD	1	39 21	76 19	10	MID	MID		C	U.S. ARMY SIGNAL CORP.										
ELKTON	2860	CECIL	1	39 34	75 50	28	6P	6P		C	H. M. BOUCHELLE										
EMMITSBURG 2 SE	2906	FREDERICK	5	39 41	77 18	420	5P	5P		H	MRS. LUCILLE K. BEALE										
FORT GEORGE G. MEADE	3230	ANNE ARUNDEL	4	39 06	76 45	160	5P	5P		C	FILTRATION PLANT										
FREDERICK POLICE BRKS	3348	FREDERICK	5	39 25	77 24	380	5P	5P		C	U.S. WEATHER BUREAU										
FREDERICK WB AIRPORT	3350	FREDERICK	5	39 25	77 23	294	MID	MID		C	MISS J. MARY STALEY										
FREDERICK 3 E	3355	FREDERICK	5	39 24	77 22	385	6A	6A		C	C. A. SUTER, JR.										
FROSTBURG	3410	ALLEGANY	5	39 39	78 56	2035	6P	6P		C	CORPS OF ENGINEERS										
GLEN ECHO	3645	MONTGOMERY	5	38 58	77 09	150	6P	6P		C	H. PLANT INTRO. GARDEN										
GLEN DALE BELL STA	3675	PRINCE GEORGE	5	38 58	76 48	151	4P	4P		C	MRS. FANNIE B. MILLER										
GRANTSVILLE	3795	GARRETT	7	39 42	79 09	2380				C	HAGERSTOWN RESERVOIR										
HAGERSTOWN	3975	WASHINGTON	5	39 39	77 44	660	6P	6P		C	U. OF MD. FRUIT LAB.										
HAMCDCK FRUIT LAB	4030	WASHINGTON	5	39 42	78 11	428	8A	8A		C	C. RUSSELL LEVERING										
LA PLATA 1 W	5080	CHARLES	5	38 32	77 00	140	5P	5P		C	WASH. SUB. SANIT. COMM.										
LAUREL 3 W	5111	PRINCE GEORGE	4	39 06	76 54	400	5P	5P		C	RADIO STATION WKIK										
LEONARDTOWN 3 NW	5201	ST. MARYS	5	38 19	76 40	40	5P	5P		C	CITY OF BALTIMORE										
LOCH RAVEN DAM	5340	BALTIMORE	1	39 26	76 33	190	5P	5P		C	HOWARD T. MANGOLD										
LUKE	5530	ALLEGANY	5	39 28	79 04	1020	5P	5P		C	DELMOND E. HERRILL										
MERRILL	5894	GARRETT	5	39 36	79 05	1790	8A	8A		C	LOUIS H. HOLLETT										
MILLINGTON	5985	KENT	1	39 16	75 51	30	6P	6P		C	ARCHIE BITTINGER										
NEW GERMANY	6408	GARRETT	5	39 38	79 07	2590				C	R. E. WEBER										
OAKLAND 1 SE	6420	GARRETT	7	39 24	79 24	2420	5P	5P		H	U.S. COAST GUARD										
OCEAN CITY	6465	WORCESTER	2	38 20	75 05	17	MID	MID		H	THOMAS J. BOURNE										
OWINGS FERRY LANDING	6770	CALVERT	4	38 42	76 41	120	7P	7P		C	JOHN R. FOX										
PARKTON 2 SW	6844	BALTIMORE	1	39 38	76 42	600	11P	11P		C	VETERANS ADMINISTRATION										
PERRY POINT	6980	CECIL	1	39 35	76 04	40				C	POTOMAC HLND. ORCHARD										
PICARDY	7010	ALLEGANY	5	39 33	78 30	1030	6P	6P		C	MD. STATE POLICE										
PICKESVILLE POL BRKS	7015	BALTIMORE	3	39 25	76 42	500	5P	5P		H	RADIO STATION NOWY										
POCOMOCK CITY 1 S	7140	WORCESTER	1	38 03	75 34	20	5P	5P		H	FRANKLIN D. NUSSBAUM										
PRESTON 1 S	7310	CAROLINE	1	38 42	75 55	30	6P	6P		H	BOYD KING										
PRINCE FREDERICK	7325	CALVERT	1	38 32	76 35	140	5P	5P		C	TOWN OF PRINCESS ANNE										
PRINCESS ANNE	7330	SOMERSET	1	38 12	75 41	15	5P	5P		H	JOHN C. BRANKA										
ROCK HALL 3 SE	7700	KENT	1	39 07	76 12	10	6P	6P		C	COUNTY POLICE										
ROCKVILLE	7750	MONTGOMERY	5	39 05	77 09	436	4P	4P		C	J. L. SWAINE, JR.										
ROSEL DAK	7808	TALBOT	1	38 43	76 11	10	5P	5P		H	CITY OF SALISBURY										
SALISBURY	8000	WICOMICO	1	38 22	75 35	10	5P	5P		C											

1-CHEESAPEAKE, 2-COASTAL, 3-PATAPSCO, 4-PATUXENT, 5-POTOMAC, 6-SUSQUEHANNA, 7-YOUGHIOGHENY

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 preceding 12 months will be carried in the June 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.

Long-term means for full-time stations (Those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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 latest 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.