



# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

U. S. DEPARTMENT OF COMMERCE  
ALEXANDER R. TROWBRIDGE, Acting Secretary  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

APRIL 1967

Volume 71 No. 4

## CLIMATOLOGICAL DATA

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				
										90° or Above	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More		
																							Max.	Min.
MARYLAND																								
* * * SOUTHERN EASTERN SHORE 01																								
CRISFIELD SOMERS COVE	64.5	46.1	55.3	- 1.6	80	15	32	12	293	0	0	1	0	1.53	- 2.13	+90	27	.0	0			5	1	0
OCEAN CITY MOTEL	68.4	41.1	54.8		85	16+	23	12	307	0	0	4	0	1.81		+91	27	.0	0			5	1	0
POCOMOKE CITY 1 S	67.5	41.7	54.6		84	15	26	12	316	0	0	5	0	1.44		+55	27	.0	0			6	1	0
PRINCESS ANNE	68.9	42.3	55.6		86	15	29	12	289	0	0	3	0	1.47	- 1.87	+45	27	.0	0			7	0	0
SALISBURY	68.9	42.3	55.6		86	15	29	12	289	0	0	3	0	1.47	- 1.87	+45	27	.0	0			7	0	0
SALISBURY FAA AIRPORT	65.8	41.6	53.7		85	3+	28	12	348	0	0	5	0	1.45		+41	26	.0	0			8	0	0
SNOW HILL					86	15	27	12	301	0	0	0	0	1.55	- 2.06	+89	27	.0	0			5	1	0
DIVISION			54.8	.0										1.54	- 1.87			.0						
* * * CENTRAL EASTERN SHORE 02																								
BLACKWATER REFUGE	67.1	45.2	56.2		84	16+	34	12+	271	0	0	0	0	1.42		+40	27	.0	0			6	0	0
CAMBRIDGE 4 W	66.2	43.3	54.8		84	2	31	13+	315	0	0	3	0	1.75		+47	17	.0	0			7	0	0
DENTON 1 NNW	69.4M	41.8M	55.6M		84	16+	25	12	287	0	0	0	0	1.95		+65	7	.0	0			5	2	0
EASTON POLICE BARRACKS	67.9	42.2	55.1	.5	87	15	28	13	308	0	0	2	0	1.24	- 2.24	+38	27	.0	0			4	0	0
PRESTON 1 S	66.7	41.6	54.2		85	15	26	12	329	0	0	4	0	1.72		+42	27	.0	0			6	0	0
ROYAL OAK	66.8	44.6	55.7		85	15+	31	12	285	0	0	1	0	1.58		+35	27	.0	0			6	0	0
VIENNA	67.1	42.5	54.8		86	3	28	12	311	0	0	2	0	1.67		+33	27	.0	0			8	0	0
DIVISION			55.2	.4										1.62	- 1.78			.0						
* * * LOWER SOUTHERN 03																								
CHARLOTTE HALL SCHOOL	69.9	43.1	56.5		88	15+	25	12	273	0	0	4	0	.82		+22	27	.0	0			4	0	0
LA PLATA 1 W	69.4	43.1	56.3		88	2	25	12	290	0	0	3	0	1.52		+30	7	.0	0			7	0	0
LEONARDTOWN 3 NW	69.1	44.9	57.0	1.8	87	2	30	12	265	0	0	1	0	1.25	- 2.23	+28	17	.0	0			6	0	0
OWINGS FERRY LANDING	69.0M	43.9M	56.5M		87	15+	30	12	279	0	0	2	0	.79		+25	27	.0	0			4	0	0
PRINCE FREDERICK	69.0M	43.9M	56.5M		87	15+	30	12	279	0	0	2	0	.79		+25	27	.0	0			4	0	0
SOLOMONS	65.3	46.2	55.8	.3	84	15	35	12	289	0	0	0	0	.81	- 2.69	+23	27+	.0	0			4	0	0
WALDORF POLICE BRKS	71.5	42.5	57.0		88	2	27	12	257	0	0	3	0	1.19		+44	27	.0	0			5	0	0
DIVISION			56.5	1.3										1.06	- 2.44			.0						
* * * UPPER SOUTHERN 04																								
ANNAPOLIS	66.3	43.4	54.9	1.1	85	15+	33	12	307	0	0	0	0	1.81	- 1.50	+50	27	.0	0			6	1	0
BALTIMORE WB AIRPORT	65.5	42.5	54.0	- .2	86	2	29	12	338	0	0	1	0	1.73	- 1.87	+65	17	.0	0			4	1	0
BELTSVILLE	65.6	39.8	52.7		85	3	24	12	369	0	0	7	0	1.28		+42	27	.0	0			3	0	0
BELTSVILLE PLANT STA 5	66.9	39.3	53.1		86	3	20	12	356	0	0	8	0	1.30		+40	27	.0	0			4	0	0
COLLEGE PARK	70.0	41.8	55.9	1.3	87	15+	25	12	286	0	0	4	0	1.26	- 2.13	+38	7	.0	0			5	0	0
DALECARLIA RESVR D C	70.9M	43.4M	57.2M		87	15+	30	12	258	0	0	1	0	1.39		+51	7	.0	0			4	1	0
FORT GEORGE G MEADE	70.5	40.4	55.5		87	2	24	12	298	0	0	6	0	1.42		+50	27	.0	0			5	1	0
GLENN DALE BELL STA	70.7	40.1	55.4	1.7	87	3+	20	12	307	0	0	8	0	1.47	- 2.07	+38	7	.0	0			5	0	0
LAUREL 3 W	68.3	44.0	56.2		86	15+	29	12	286	0	0	2	0	1.75		+83	7	.0	0			3	1	0
NATIONAL ARBORETUM D C	70.8	43.4	57.1		87	15	31	13+	257	0	0	2	0	1.50		+52	7	.0	0			5	1	0
SUITLAND	66.2	43.7	55.0		85	16+	31	12	309	0	0	1	0	1.01		+34	27	.0	0			3	0	0
U. S. SOLDIERS HOME DC	68.1	44.4	56.3		86	2	30	12	282	0	0	1	0	1.46		+43	26	.0	0			4	0	0
UPPER MARLBORO 3 NNW	66.3	41.5	53.9		87	16+	25	12	339	0	0	5	0	2.29		+60	5	.0	0			6	3	0
DIVISION			55.2	1.2										1.51	- 1.94			.0						
* * * NORTHERN EASTERN SHORE 05																								
CENTREVILLE	65.4	40.5	53.0		84	15+	29	13	354	0	0	5	0	1.78		+54	27	.0	0			5	1	0
CHESTERTOWN	64.9	42.7	53.8		86	15+	29	12	343	0	0	1	0	2.57		+61	17	T	0			6	2	0
COLEMAN 3 NNW	66.5	42.0	54.3	- .1	84	2	32	13+	322	0	0	2	0	2.37	- 1.06	+80	27	.0	0			7	2	0
MILLINGTON	66.7	40.9	53.8	- .2	85	15	29	12	337	0	0	4	0	2.41	- .87	+69	27+	.0	0			6	2	0
ROCK HALL																								
DIVISION			53.7	- .3										2.28	- 1.15			T						
* * * NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	67.4	41.1	54.3		85	2	29	12	319	0	0	2	0	2.57		+90	27	.0	0			6	2	0
BALTIMORE WB CITY	66.5	46.8	56.7	1.0	88	2	34	12	271	0	0	0	0	1.77	- 1.94	+42	17	.0	0			4	0	0
BELTSVILLE POLICE BARRACKS	67.3	40.5	53.9		84	15+	27	12	334	0	0	4	0	2.38		+82	27	.0	0			5	2	0
BOYDS 2 NW	66.4	42.5	54.5		83	15+	25	12	331	0	0	2	0	1.71		+55	17	.0	0			6	1	0
CONOWINGO DAM	63.0	41.0	52.0		86	15	31	13+	391	0	0	3	0	2.38		+52	17	.0	0			6	2	0
ELKTON	67.4	40.7	54.1	1.3	89	15	27	12	329	0	0	4	0	1.75	- 1.85	+89	7	.0	0			3	1	0
EMMITSBURG 2 SE	67.0	40.6	53.8		85	15+	21	12	342	0	0	6	0	2.26		+58	17	.0	0			8	2	0
FREDERICK WFMD	66.3	43.2	54.8	2.6	84	2	28	12	321	0	0	2	0	1.72	- 1.95	+53	27	.0	0			6	1	0
PARKTON 2 SW	63.4	39.6	51.5		82	15+	22	12	409	0	0	6	0	2.40		+33	17	T	0			27	6	1
ROCKVILLE	69.4	41.6	55.5		85	15	25	12	292	0	0	5	0	1.30		+48	7	.0	0			4	0	0
TOWSON																								

See Reference Notes Following Station Index

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# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE  
APRIL 1967

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			
										90° or Above	32° or Above	32° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
																							0° or Below
UNIONVILLE	65.7	38.3	52.0		83	15	19	12	389	0	0	8	0	1.32		.39	17	.0	0		4	0	0
WESTMINSTER 2 SSE	64.5	40.7	52.6	.3	81	15+	23	12	379	0	0	6	0	1.84	- 1.77	.58	27	T	0		5	2	0
WHEATON REGIONAL PARK	69.7	40.9	55.3		86	16+	23	12	303	0	0	5	0	1.39		.37	7	.0	0		5	0	0
WOODSTOCK	67.6	40.2	53.9	1.2	84	15+	24	12	336	0	0	6	0	1.71	- 1.82	.43	26	.0	0		5	0	0
DIVISION			53.9	1.1										1.89	- 1.69			T					
* * *																							
APPALACHIAN MOUNTAIN																							
BOONSBORO	66.4	43.5	55.0		84	2	24	12	321	0	0	3	0	2.02		.54	17	.0	0		7	1	0
CHEMSVILLE BRIDGEPORT	66.6	42.0	54.3	2.8	84	15+	25	12	330	0	0	4	0	1.92	- 1.13	.75	17	T	0		5	1	0
CUMBERLAND	69.0	42.4	55.7		87	14	25	11	294	0	0	4	0	2.17		.73	18	.0	0		6	2	0
CUMBERLAND POLICE BRKS	68.7	42.2	55.5		90	15	23	12	304	1	0	5	0	2.98		1.09	17	.0	0		7	2	1
FROSTBURG	63.6	40.1	51.9	2.1	79	14	22	12+	391	0	0	5	0	3.55	- .02	1.00	18	.0	0		9	2	1
HAGERSTOWN	67.0	42.8	54.9		85	2	25	12	317	0	0	3	0	2.33		.80	17	.0	0		6	1	0
HANCOCK FRUIT LAB	65.7	40.6	53.2		85	3	24	12	363	0	0	4	0	2.96	- .12	.95	18	.0	0		7	2	0
PICARDY	66.7	42.0	54.4		83	14	21	12	327	0	0	4	0	2.06		.63	17	.0	0		9	1	0
WESTERNPORT	69.0	41.4	55.2	2.2	87	14	23	12	299	0	0	6	0	2.37	- 1.00	.54	17	.0	0		7	1	0
DIVISION			54.5	2.4										2.48	- .77			T					
* * *																							
ALLEGHENY PLATEAU																							
BITTINGER 2 NW	59.5	35.4	47.5		75	14+	16	12	519	0	0	13	0	4.50		1.00	17	T	T	24	9	3	1
OAKLAND 1 SE	61.6	35.7	48.7	1.5	76	16+	16	12	481	0	0	11	0	3.85	- .29	.87	5	.8	0		8	3	0
SAVAGE RIVER DAM	62.3	39.3	50.8		80	15	21	12	420	0	0	7	0	2.39		.67	18	.0	0		7	1	0
SINES DEEP CREEK 2	62.3	35.2	48.8	2.6	77	14	15	12	481	0	0	8	0	4.67	.52	1.17	18	T	T	25	9	4	1
DIVISION			49.0	2.4										3.85	- .15			.2					
DELAWARE																							
* * *																							
NORTHERN																							
MIDDLETOWN 1 WSW	65.7	39.1M	52.4M		83	15+	24	12	381	0	0	5	0	2.17		.78	27	.0	0		5	2	0
NEWARK UNIVERSITY FARM	66.3	40.2M	53.3M		85	15	26	12	344	0	0	0	0	2.80		1.11	7	T	0		4	2	1
WILMGTON NCASTLE WB AP	62.5	40.5	51.5		83	15+	25	12	402	0	0	2	0	2.69	- .64	.53	7	T	0		7	1	0
WILMGTON PORTER RESVR	61.6	40.2	50.9	- .6	82	15+	27	12	418	0	0	4	0	2.99	- .75	.78	27	T	0		6	3	0
DIVISION			52.0	- 0.3										2.66	- .90			T					
* * *																							
SOUTHERN																							
BRIDGEVILLE 1 NW	67.5	39.5	53.5	- .1	85	15	24	12	346	0	0	6	0	1.98	- 1.45	.85	27	.0	0		5	1	0
DOVER	68.0	41.5	54.8	.7	85	15+	30	12	311	0	0	2	0	2.10	- 1.32	1.12	27	.0	0		5	1	1
GEORGETOWN 5 SW	68.1	39.3	53.7		84	16+	25	12	341	0	0	6	0	1.98		.80	27	.0	0		7	1	0
LEWES 1 SW	64.9	42.5	53.7		85	2	30	12+	351	0	0	2	0	2.00		.53	27	.0	0		6	1	0
MILFORD 3 WNW	M	M	M		84	15	28	12		0	0	0	0					.0	0				
SELBYVILLE	67.9	41.0	54.5		87	15	27	13+	326	0	0	5	0	1.75				.0	0				0
DIVISION			54.0	.3										1.96	- 1.54			.0					

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 90° ON THE 15TH AT CUMBERLAND POLICE BRKS, MD.

LOWEST TEMPERATURE: 15° ON THE 12TH AT SINES DEEP CREEK 2, MD

GREATEST TOTAL PRECIPITATION: 4.67 INCHES AT SINES DEEP CREEK 2, MD

LEAST TOTAL PRECIPITATION: .79 INCH AT PRINCE FREDERICK, MD

GREATEST ONE-DAY PRECIPITATION: 1.36 INCHES ON 18TH AT MERRILL, MD

GREATEST REPORTED TOTAL SNOWFALL: 0.8 INCH AT OAKLAND 1 SE, MD

GREATEST REPORTED DEPTH OF SNOW ON GROUND: T ON THE 27TH AT 3 STATIONS, MD

See Reference Notes Following Station Index



# DAILY PRECIPITATION

MARYLAND AND DELAWARE  
APRIL 1967

Continued

Station	Total	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		
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
MIDDLETOWN 1 WSW	2.17					.11	.02	.41				.02			.01			.55	.06					.06	.06	.11		.04	.78					
NEWARK UNIVERSITY FARM	2.80					.07	T	1.11				T			.01			.40	.01					.06		.20		.07	.87					
WILMGTN NCASTLE WB AP	2.69					.10	.47	.53			T	T		T	T			.41	.01	T		T		.05		.15		.48	.49					
WILMGTN PORTER RESVR	2.99					.02	.25	.50				.02	T		T			.40	T			T		.09		.23		.70	.78					
* * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	1.98			T		.10		.45				.18						.01	.09					.09		.05		.16	.85					
DOVER	2.10					.05	.03	.27				.02						.21	.13					.10		.08		.09	1.12					
GEORGETOWN 5 SW	1.98					.01		.22				.30						.20						.15		.10		.20	.80					
LEWES 1 SW	2.00					.12		.05				.38					.27							.07		.01		.45	.53					
MILFORD 3 WNW	-					-		-				-			.13		T		.17	.04	.01			.06		.01		.14	.89					
SELBYVILLE	1.75					.09		.11	.08	.03	.03							.02	.32	T				.05		.10		*	.92					

See Reference Notes Following Station Index

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
APRIL 1967

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	67	75	77	67	54	69	70	57	55	63	62	52	53	75	80	78	64	67	67	62	68	72	70	65	56	54	49	58	59	69	64.5
	MIN	43	49	54	38	39	52	49	44	39	47	41	32	37	48	57	55	46	57	47	46	47	58	52	45	42	40	40	44	47	47	46.1
OCEAN CITY MOTEL	MAX																															
	MIN																															
POCOMOKE CITY 1 S	MAX	78	81	85	66	56	78	72	56	61	70	67	52	55	78	84	85	67	72	66	65	76	77	72	72	56	56	49	61	68	71	68.4
	MIN	48	48	52	33	31	48	45	40	39	40	38	23	32	45	51	45	48	45	45	39	35	58	58	37	37	28	39	43	35	48	41.1
PRINCESS ANNE	MAX	71	83	83	68	55	78	74	55	58	69	66	53	56	77	84	81	71	68	64	65	73	76	76	64	56	56	49	59	63	73	67.5
	MIN	32	44	50	34	33	49	46	40	28	45	39	26	27	46	60	48	45	55	47	40	35	59	51	45	40	30	39	42	38	37	41.7
SALISBURY	MAX	71	84	84	67	57	80	74	55	58	70	68	55	55	78	86	82	79	70	70	67	74	77	76	65	57	58	48	62	66	75	68.9
	MIN	36	46	53	35	32	51	44	42	31	41	38	29	33	36	58	47	44	54	47	40	41	59	50	46	38	34	40	42	39	42	42.3
SALISBURY FAA AIRPORT	MAX	73	85	85	50	57	80	63	55	58	72	54	54	55	78	84	79	64	68	53	66	73	77	66	64	56	58	49	60	65	73	65.8
	MIN	37	45	50	35	35	52	45	34	30	47	29	28	31	48	64	45	45	52	47	41	38	58	43	43	33	30	41	43	41	38	41.6
SNOW HILL	MAX	85	85	67	57	80	75	53	72	68	54	53	80	86	80	74	69	69	69	69	69	69	77	75	67	56	58	49	60	65	73	65.8
	MIN	34	46	55	34	35	50	44	29	29	45	39	27	31	46	58	47	45	45	45	45	39	40	51	67	32	40	43	41	38	41.6	
* * *																																
CENTRAL EASTERN SHORE 02																																
BLACKWATER REFUGE	MAX	66	80	81	68	57	78	71	58	55	68	68	52	52	76	84	84	78	67	68	64	72	73	77	63	56	55	48	59	63	73	67.1
	MIN	42	49	53	36	34	51	48	43	41	48	39	34	37	48	60	50	46	54	47	44	44	60	51	48	41	36	39	46	43	43	45.2
CAMBRIDGE 4 W	MAX	70	84	81	66	56	78	71	58	56	71	60	53	53	79	83	78	63	65	58	64	73	77	73	62	55	55	49	59	63	73	66.2
	MIN	39	43	55	35	38	49	46	42	31	48	38	31	31	47	60	52	44	49	44	44	41	59	49	44	39	33	38	44	43	43	43.3
DENTON 1 WNW	MAX	78	84	81	68	56	77	71	57	57	69	61	57	53	76	83	84	70	64	60	65	73	77	75	61	55	57	48	74	63	74	69.4
	MIN	38	45	51	32	35	50	44	33	33	47	34	25	31	49	58	55	44	48	40	43	59	48	44	37	33	37	41	37	37	41.8	
EASTON POLICE BARRACKS	MAX	72	85	83	68	56	77	71	58	56	69	65	55	54	80	87	82	78	66	60	65	73	77	75	64	57	57	48	61	63	74	67.9
	MIN	39	40	51	32	36	50	45	42	33	47	37	33	28	46	60	50	44	49	46	40	42	59	42	45	39	34	37	40	39	40	42.2
PRESTON 1 S	MAX	70	83	82	65	55	79	72	55	57	68	65	54	54	77	85	81	67	66	56	65	73	78	74	63	57	56	48	59	63	73	66.7
	MIN	35	44	50	31	34	50	44	40	31	46	34	26	30	48	57	48	44	50	46	40	41	59	46	42	38	33	38	42	37	44	41.6
ROYAL OAK	MAX	70	85	83	65	55	74	70	59	57	68	66	54	54	78	85	81	71	67	58	66	72	75	70	64	57	57	48	60	64	72	66.8
	MIN	41	46	55	35	40	50	47	43	41	48	37	31	35	48	60	50	46	49	46	44	44	58	49	45	40	38	39	45	43	46	44.6
VIENNA	MAX	70	82	86	65	55	80	68	57	58	70	64	54	54	78	81	82	64	72	60	68	73	79	67	64	57	57	48	61	65	74	67.1
	MIN	38	48	51	32	36	50	45	41	38	47	36	28	34	48	56	48	43	43	45	39	42	58	45	46	39	35	38	43	40	44	42.5
* * *																																
LOWER SOUTHERN 03																																
CHARLOTTE HALL SCHOOL	MAX																															
	MIN																															
LA PLATA 1 W	MAX	78	88	85	65	59	79	74	63	64	71	67	59	56	83	88	82	70	71	60	70	74	81	80	64	59	54	49	61	68	75	69.9
	MIN	38	44	49	31	38	48	57	43	39	51	37	25	31	45	63	56	47	50	45	35	42	59	50	45	39	34	41	36	32	43	43.1
LEONARDTOWN 3 NW	MAX	76	88	86	67	59	79	75	59	63	69	64	59	56	84	86	84	65	71	66	69	75	79	76	65	58	55	49	61	66	74	69.4
	MIN	38	59	54	33	33	49	53	43	35	48	36	25	28	45	63	55	47	50	45	36	39	59	48	45	38	30	39	39	33	47	43.1
OWINGS FERRY LANDING	MAX	76	87	84	65	59	83	75	58	62	72	64	57	57	80	85	79	76	68	56	68	76	81	74	62	58	55	49	61	66	79	69.1
	MIN	40	54	60	34	38	50	41	42	37	48	37	30	36	46	64	52	45	52	45	40	44	58	48	48	38	38	39	41	40	52	44.9
PRINCE FREDERICK	MAX	75	87	85	65	59	78	71	60	70	65	55	57	57	80	87	81	66	70	58	69	76	80	76	69	59	55	49	62	65	72	69.0
	MIN	41	51	57	33	39	46	49	36	48	37	30	32	45	64	54	45	50	44	40	41	59	49	46	40	34	39	41	40	42	43.9	
SOLOMONS	MAX	58	77	82	68	56	77	72	57	55	67	64	55	53	66	84	80	64	67	60	62	74	78	75	64	57	56	48	60	61	64	65.3
	MIN	42	47	55	37	40	48	50	45	39	49	40	35	41	49	59	54	47	51	46	44	48	60	50	52	40	44	40	43	43	48	46.2
WALDORF POLICE BRKS	MAX	79	88	86	69	59	80	80	68	62	73	69	59	58	84	86	86	79	70	66	70	75	81	82	67	59	59	49	62	66	75	71.5
	MIN	40	45	49	33	36	48	52	45	34	49	36	27	29	44	61	55	45	52	44	39	40	58	48	44	37	30	39	39	35	42	42.5
* * *																																
UPPER SOUTHERN 04																																
ANNAPOLIS	MAX	65	85	83	64	57	77	70	59	55	76	63	54	53	72	85	79	63	66	56	65	70	81	74	61	57	55	50	60	64	71	66.3
	MIN	37	45	52	36	40	48	47	43	40	48	37	33	35	47	50	50	45	49	45	40	45	59	47	46	37	35	39	44	41	41	43.4
BALTIMORE WB AIRPORT	MAX	76	86	82	52	59	80	65	58	59	75	53	55	55	78	85	80	51	65	54	68	69	82	66	54	57	55	50	60	65	72	65.5
	MIN	37	48	44	34	36	50	47	41	37	46	35	29	33	46	57	47	44	45	45	38	45	59	46	42	35	35	39	43	41	48	42.5
BELTSVILLE	MAX	65	76	85	78	54	57	79	65	59	66	74	54	55	55	81	84	77	61	65	53	65	72	80	66	56	56	55	51	60	64	65.6
	MIN	32	42	49	27	36	41	50	39	43	36	33	24	29	40	52	49	40	52	44	32	41	57	42	41	35	29	40	38	32	45	39.8
BELTSVILLE PLANT STA 5	MAX	65	80	86	81	54	60	80	66	59	69	75	54	56	63	82	85	79	62	65	54	68	67	82	68	54	57	55	54	61	66	66.9
	MIN	31	41	46	26	36	43	48	41	36	42	31	20	27	43	53	52	44	47	44	31	39	59	48	40	34	29	38	39	31	42	39.3
COLLEGE PARK	MAX	77	87	83	67	58	80	80	63	64	76	66	57	56	82	87	81	72	67	57	68	75	83	70	77	59	58	52	62	66	76	70.0
	MIN	34	44	48	30	38	45	48	41	40	46	36	25	30	46	56	54	44	49	44	35	43	60									

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
APRIL 1967

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		
MARYLAND																																	
NATIONAL ARBORETUM D C	MAX MIN	77 40	86 46	86 48	69 35	57 38	81 48	78 47	64 43	66 43	76 43	66 38	57 31	55 31	82 46	87 64	86 62	78 45	68 49	58 41	68 38	73 45	82 59	81 44	65 42	58 39	56 37	60 40	62 37	67 43	75 41	70.8 43.4	
SUITLAND	MAX MIN	65 41	77 46	85 46	83 35	53 37	57 42	80 51	67 43	60 39	64 41	74 40	54 31	55 37	82 45	82 54	78 64	61 45	66 48	54 44	67 48	72 59	82 48	66 48	59 37	57 37	54 40	50 38	60 42	65 48	66.2 43.7		
U. S. SOLDIERS HOME DC	MAX MIN	75 43	86 54	84 46	64 34	57 41	80 50	80 48	59 41	62 40	78 48	65 41	57 30	54 41	80 46	85 63	79 60	65 44	68 46	55 43	68 38	71 48	82 58	66 46	59 40	57 36	55 43	52 38	60 44	64 41	76 52	68.1 44.4	
UPPER MARLBORO 3 NNW	MAX MIN	65 32	78 43	87 56	73 30	53 35	57 40	80 50	64 42	60 36	64 47	75 36	54 25	56 29	56 42	56 54	80 42	87 53	79 45	62 48	68 45	55 38	67 40	73 58	82 48	67 43	60 38	58 31	56 41	65 37	66.3 41.5		
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	70 34	84 45	80 53	69 32	55 34	74 50	70 45	55 42	57 31	72 47	63 35	53 30	54 29	75 47	84 48	75 46	70 44	64 48	55 44	58 38	62 41	77 38	72 45	60 40	55 39	56 31	48 37	60 43	63 40	73 40	65.4 40.5	
CHESTERTOWN	MAX MIN	70 40	86 49	83 49	54 33	54 33	70 50	60 44	57 42	57 38	74 47	53 36	55 29	54 35	75 47	86 61	79 46	51 44	66 48	56 44	67 39	73 44	78 58	65 46	59 42	59 37	56 38	50 37	61 44	67 40	72 44	64.9 42.7	
COLEMAN 3 NNW	MAX MIN	69 39	84 46	83 49	69 34	55 34	69 47	69 43	58 41	57 35	73 46	64 35	53 32	53 46	75 46	83 61	79 47	76 44	63 47	56 45	66 43	70 43	78 58	77 46	63 42	56 38	54 38	49 37	60 44	64 41	70 45	66.5 42.0	
MILLINGTON	MAX MIN	74 35	84 45	81 51	67 32	58 34	72 49	70 42	58 42	58 33	74 45	65 34	52 29	53 31	77 46	85 57	80 49	76 42	64 45	57 45	65 36	67 38	73 55	82 46	67 41	60 38	58 32	48 37	57 42	63 38	73 37	66.7 40.9	
ROCK HALL	MAX MIN																																
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	69 40	85 45	82 43	70 33	56 36	70 42	70 42	60 40	58 40	75 49	67 35	54 29	55 34	74 52	83 52	83 48	79 42	61 50	56 45	66 39	66 42	80 45	80 44	63 41	56 35	56 33	51 32	61 44	65 41	70 40	67.4 41.1	
BALTIMORE WB CITY	MAX MIN	73 44	88 54	83 46	52 36	59 40	73 54	68 46	59 44	56 42	77 49	53 39	57 30	55 44	74 50	87 64	85 48	53 46	64 51	56 48	70 46	72 53	84 62	69 49	58 39	56 39	52 39	62 46	68 45	72 56	66.5 46.8		
BENSONS POLICE BARRACKS	MAX MIN	70 33	84 44	83 53	70 29	60 37	73 46	72 42	61 39	57 38	74 46	66 34	57 27	52 30	75 45	84 54	83 47	77 41	62 46	54 42	64 40	70 43	79 53	64 44	62 39	54 35	54 31	48 35	59 42	64 40	72 41	67.3 40.5	
BOYDS 2 NW	MAX MIN	77 38	83 55	79 57	60 29	55 35	78 47	76 51	58 41	62 37	71 50	62 33	54 25	54 34	80 44	83 61	80 61	74 43	61 49	52 36	65 37	68 48	78 55	73 43	63 38	55 36	51 36	49 36	59 38	62 34	71 47	66.4 42.5	
CONOWINGO DAM	MAX MIN	65 37	84 43	81 45	48 33	58 34	65 48	61 42	57 41	58 37	75 46	50 36	52 31	53 31	71 42	86 55	83 46	51 43	62 48	55 45	64 39	66 42	80 54	62 43	50 41	56 35	54 32	52 36	60 44	63 42	67 38	63.0 41.0	
ELKTON	MAX MIN	70 36	85 45	81 50	62 31	57 34	68 49	66 41	58 41	59 36	74 41	63 41	53 27	54 32	74 45	89 51	80 48	78 42	61 46	54 45	66 39	66 39	81 55	76 45	63 41	59 36	65 32	59 42	63 36	72 42	71 37	67.4 40.7	
EMMITSBURG 2 SE	MAX MIN	77 36	83 46	82 60	60 25	60 36	75 45	68 58	59 38	58 37	69 47	61 34	56 21	54 28	74 44	83 56	80 48	77 46	67 56	54 43	69 32	67 42	78 55	73 43	63 39	56 32	55 30	55 37	60 40	66 33	73 43	67.0 40.6	
FREDERICK WFMD	MAX MIN	76 39	84 52	79 61	61 31	55 35	75 45	75 55	57 40	59 39	70 47	62 35	53 28	52 34	78 43	83 60	81 59	74 44	61 48	52 42	67 46	65 46	78 56	75 44	63 41	55 35	55 37	52 41	59 41	63 48	70 48	66.3 43.2	
PARKTON 2 SW	MAX MIN	76 36	82 46	79 55	51 26	60 34	76 47	65 45	56 35	55 38	71 45	50 29	51 22	52 30	79 43	82 58	76 53	59 40	60 46	52 42	64 36	69 43	77 49	61 41	49 37	54 32	50 31	49 34	58 40	67 45	71 41	63.4 39.6	
ROCKVILLE	MAX MIN	76 37	84 44	84 44	69 28	58 38	80 45	80 50	66 40	62 39	73 51	67 32	54 25	55 30	82 45	85 60	84 60	77 42	68 48	67 43	65 33	67 42	80 52	80 45	67 42	54 36	55 31	49 38	58 49	64 38	73 42	69.4 41.6	
TOWSON	MAX MIN																																
UNIONVILLE	MAX MIN	78 33	82 42	78 47	60 24	56 31	76 44	74 51	57 38	61 35	72 48	62 31	53 19	53 28	80 44	83 55	77 53	70 43	62 44	51 42	65 30	70 39	78 53	68 40	51 38	52 33	52 28	59 36	63 25	72 38	65.7 38.3		
WESTMINSTER 2 SSE	MAX MIN	76 36	81 46	76 55	55 26	59 34	75 47	73 45	56 38	58 35	68 45	58 32	50 25	51 30	79 44	81 60	78 56	72 41	58 46	50 41	64 39	69 41	76 56	71 41	53 36	51 32	49 33	57 38	62 36	70 45	64.5 40.7		
WHEATON REGIONAL PARK	MAX MIN	76 34	86 42	84 48	67 28	59 37	81 45	81 49	62 41	57 37	75 50	65 32	54 23	56 29	80 44	82 60	86 59	78 40	67 47	64 43	66 33	76 41	81 58	80 43	66 42	56 35	56 30	51 37	61 39	64 44	75 44	69.7 40.9	
WOODSTOCK	MAX MIN	77 31	84 42	80 49	61 28	59 35	78 46	75 46	59 38	62 32	73 45	63 34	55 24	54 29	80 44	84 56	80 55	74 43	62 49	54 44	67 37	74 40	79 56	74 44	62 40	54 35	50 29	48 37	64 40	74 37	74 44	67.6 40.2	
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	MAX MIN	79 42	84 58	82 58	58 28	58 39	80 52	76 54	58 38	60 42	69 53	59 32	54 24	54 40	80 45	83 61	79 55	75 45	60 48	49 41	67 36	65 50	77 58	71 41	62 39	55 33	53 38	51 37	58 34	63 34	72 49	66.4 43.5	
CHEWSVILLE BRIDGEPORT	MAX MIN	80 36	84 49	78 56	56 29	58 40	82 47	77 52	63 38	58 35	69 53	57 31	54 25	53 30	84 44	81 61	78 58	73 45	58 45	51 41	66 35	68 45	78 57	71 41	60 35	54 34	54 37	60 35	65 31	71 44	66.6 42.0		
CUMBERLAND	MAX MIN	82 42	85 51	79 48	60 30	60 41	82 51	76 42	65 45	69 45	66 43	55 25	65 28	60 45	87 48	84 65	82 59	74 45	58 46	52 34	75 48	71 48	77 50	70 43	59 35	57 37	53 37	56 37	61 29	71 35	80 47	69.0 42.4	
CUMBERLAND POLICE BRKS	MAX MIN	81 39	83 48	82 54	58 26	64 38	82 50	78 46	62 46	66 40	66 45	60 30	59 23	60 40	84 47	90 62	81 55	79 46	57 47	49 39	72 38	72 44	75 56	73 39	63 42	54 30	55 37	49 37	67 38	75 28	75 48	68.7 42.2	
FROSTBURG	MAX MIN	75 44	77 51	76 48	55 22	62 37	74 48	71 45	58 35	62 42	66 45	53 22	57 40	55 40	79 46	76 61	75 50	73 43	53 46	47 41	68 36	67 48	70 57	65 43	58 36	49 35	50 33	53 33	62 40	72 47	63.6 40.1		
HAGERSTOWN	MAX MIN	80 42	85 55	81 57	58 27	59 39	81 49	80 50	60 39	58 43	68 54	60 31	54 25	52 40	80 45	84 62	80 57	71 43	60 46	51 41	68 36	67 48	77 52	74 41	60 35	54 36	54 35	60 35	65 36	72 46	67.0 42.8		
HANCOCK FRUIT LAB	MAX MIN	69 34	82 46	85 54	76 26	58 33	60 48	83 54	72 43	63 36	64 46	68 31	54 24	59 33	82 55	82 63	79 51	55 45	82 46	42 35	62 42	57 55	69 42	67 42	50 37	57 34	49 39	56 33	60 25	66 44	65.7 40.6		
PICARDY	MAX MIN	80 41	82 54	78 54	56 25	62 38	82 47	75 50	61 40	65 45	67 52	55 30	58 21	57 43	83 44	81 63	78 55	76 44	58 46	50 38	69 33	64 44	75 57	69 41	60 34	51 35	53 37	59 33	66 31	75 47	66.7 42.0		

See Reference Notes Following Station Index

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
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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		
MARYLAND																																	
WESTERNPORT	MAX MIN	82 40	85 43	78 50	58 27	68 39	80 50	68 48	64 40	69 41	69 47	60 32	62 23	56 41	87 45	82 58	84 51	75 47	57 46	53 39	75 32	69 46	75 55	77 39	60 42	58 35	55 39	54 38	62 32	70 28	77 48	69.0 41.4	
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX MIN	72 44	75 40	64 39	53 17	59 38	71 48	63 39	53 29	69 39	63 42	45 23	55 16	58 38	75 43	72 57	71 43	64 43	61 36	41 30	64 28	58 44	65 51	55 30	49 30	45 25	43 32	44 29	50 26	60 20	67 44	59.5 35.4	
OAKLAND 1 SE	MAX MIN	72 35	74 39	64 32	56 20	63 34	74 48	68 42	56 33	69 37	65 47	48 26	57 16	52 42	76 41	66 41	64 53	64 43	66 40	44 32	67 27	65 40	66 55	60 32	53 34	51 28	45 34	47 31	52 29	61 20	66 43	61.6 35.7	
SAVAGE RIVER DAM	MAX MIN	70 39	76 43	78 48	66 25	57 32	68 48	75 54	64 38	60 39	69 45	63 30	48 21	56 29	53 44	80 50	77 58	78 45	64 46	51 37	46 32	70 40	64 50	69 40	60 39	43 34	50 35	46 36	50 34	55 28	64 40	62.3 39.3	
SINES DEEP CREEK 2	MAX MIN	74 35	76 36	65 42	56 19	62 34	74 45	69 43	57 34	72 35	66 40	47 28	59 15	54 38	77 43	75 53	75 39	68 41	65 40	44 34	67 27	62 37	69 46	58 34	49 34	48 30	48 30	48 33	53 24	62 22	69 44	62.3 35.2	
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX MIN	67 35	83 47	82 53	66 30	57 31	68 48	68 41	55 40	59 32	73 44	65 33	53 24	55 31	74 41	83 48	82 47	74 42	65 47	55 43	65 36	64 40	76 43	71 42	56 42	56 35	55 33	49 36	61 40	64 34	71 37	65.7 39.1	
NEWARK UNIVERSITY FARM	MAX MIN	70 36	84 46	80 51	68 30	56 32	67 47	67 40	57 39	59 36	73 45	66 33	54 26	53 45	74 45	85 50	84 47	78 40	59 46	54 44	65 39	65 39	79 53	78 45	62 40	55 35	56 31	47 35	61 42	63 39	71 36	66.3 40.2	
WILMGTN NCASTLE WB AP	MAX MIN	71 39	83 48	82 42	50 32	57 36	67 49	53 40	56 40	57 39	74 44	50 33	54 25	51 35	70 45	83 50	78 44	52 40	61 48	54 44	65 39	63 40	78 54	61 43	50 39	55 36	56 35	51 35	62 43	64 40	68 40	62.5 40.5	
WILMGTN PORTER RESVR	MAX MIN	71 45	82 53	78 47	47 30	56 36	66 42	51 39	56 39	56 39	71 42	49 30	53 27	50 31	69 45	82 49	76 43	51 40	58 41	54 42	63 41	66 44	76 51	69 42	49 44	55 36	54 40	50 34	60 42	63 39	69 42	61.6 40.2	
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX MIN	73 33	84 42	84 49	66 31	57 32	80 47	73 41	55 40	58 29	68 40	58 34	53 24	55 28	78 46	85 54	83 48	77 42	65 47	56 44	65 40	75 41	78 52	76 43	62 40	56 36	59 29	47 36	61 41	64 37	75 37	67.5 39.5	
DOVER	MAX MIN	74 37	85 49	83 55	73 32	59 34	80 50	73 42	55 40	80 33	74 45	68 36	53 30	56 34	72 46	85 53	84 47	79 42	65 47	59 44	66 40	65 41	77 52	77 47	63 43	55 36	55 34	30 36	61 42	63 40	70 38	68.0 41.5	
GEORGETOWN 5 SW	MAX MIN	78 32	84 45	83 53	68 33	57 32	80 44	76 40	55 38	60 28	69 45	61 32	52 25	61 27	79 42	84 55	84 45	70 43	66 52	61 45	65 37	76 35	78 55	75 34	63 43	56 36	55 35	48 37	61 41	64 35	73 36	68.1 39.3	
LEWES 1 SW	MAX MIN	75 34	85 48	84 52	68 38	58 35	82 49	69 41	50 38	57 30	69 46	58 36	50 30	52 46	64 48	83 56	77 47	63 43	66 53	53 45	66 41	73 39	78 66	67 45	64 44	56 37	53 33	46 38	59 42	62 42	61 38	64.9 42.5	
MILFORD 3 WNW	MAX MIN																																
SELBYVILLE	MAX MIN	73 29	86 48	85 56	67 33	58 35	82 47	75 42	52 37	57 28	72 45	69 37	54 28	53 27	76 45	87 53	83 46	69 43	67 50	62 45	67 38	68 37	78 59	78 48	65 44	57 37	58 30	48 38	59 42	65 38	67 38	67.9 41.0	

## SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME				Trace	01-09	10-49	50-99	100-199	200 and over			Total
							1 AM	7 AM	1 PM	7 PM									
BALTIMORE WB AIRPORT MD	30	4.5	11.4	36	NW	10+	61	69	47	46	2	6	3	1	0	0	12	58	6.4
WILMINGTON NCASTLE WB AP DEL	31	3.7	10.9	27+	30	22	71	72	51	57	6	2	6	1	0	0	15	-	6.7

See Reference Notes Following Station Index





# STATION INDEX

MARYLAND AND DELAWARE  
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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE PAGE)										TEMP.	PRECIP.	EVAP.	SPECIAL (SEE PAGE)			
MARYLAND																											
ABERDEEN PHILLIPS FLD	0015	06	HARTFORD	1	39 28	76 10	40	5P	5P			ROSS AVIATION INC.	POTOMAC CITY 1 S	7140	01	WORCESTER	1	38 03	75 34	20	5P	5P	H	RADIO STATION WDMV			
ANNAPOLIS	0193	04	ANNE ARUNDEL	1	38 59	76 30	40	6P	6P			ARTHUR M. MILLER	POTOMAC FILTER PLANT	7272	04	MONTGOMERY	5	39 02	77 15	270	6P	6P	H	WASH. SANITARY COMM.			
BALTIMORE WB AIRPORT	0465	04	ANNE ARUNDEL	3	39 11	76 40	148	MID	MID		HJ	U.S. WEATHER BUREAU	PRESTON 1 S	7310	02	CAROLINE	1	38 42	75 55	50	6P	6P	H	FRANKLIN D. NUSBAUM			
BALTIMORE WB CITY	0470	06	BALTO CITY	3	39 17	76 37	14	MID	MID			U.S. WEATHER BUREAU	PRINCE FREDERICK	7525	03	CALVERT	1	38 32	76 35	140	5P	5P		BOVO KING			
BELTSVILLE	0700	04	PRIN. GEORGES	5	39 02	76 53	120	8A	8A		BAK	CHESTER H. GORDON	PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P	5P	H	MARYLAND ST COLLEGE FRM			
BELTSVILLE PLANT STA 3	0705	04	PRIN. GEORGES	5	39 01	76 57	100	10A	10A			USDA PLANT IND. STA.	ROCK HALL	7700	05	KENT	1	39 08	76 24	27	6P	6P		JAMES A. PEARCE			
BERSON POLICE BARRACKS	0732	06	HARFORD	1	39 30	76 23	365	5P	5P			MD. STATE POLICE	ROCKVILLE	7705	06	MONTGOMERY	5	39 05	77 09	436	4P	4P		COUNTY POLICE			
BITTINGER 2 NW	0881	08	GARRETT	7	39 37	79 15	2700	7P	7P		H	ERBERT E. SUCKEL	ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	5P	5P	H	J. L. SWAINE, JR.			
BLACKWATER REFUGE	0915	02	DORCHESTER	1	39 26	76 08	5	4P	4P			NAT. WILDLIFE REFUGE	SALISBURY	8005	01	WICOMICO	1	38 22	75 35	10	5P	5P		CITY OF SALISBURY			
BOONSBORO	0988	07	WASHINGTON	5	39 31	77 39	735	6P	6P		6P	J. HOWARD BECKENBAUGH	SALISBURY FAA AIRPORT	8005	01	WICOMICO	1	38 20	75 30	48	MID	MID		FED. AVIATION AGENCY			
BOYDS 2 NW	1032	06	MONTGOMERY	5	39 13	77 20	580	6P	6P			HUNTER F. STALEY	SAVAGE RIVER DAM	8058	08	GARRETT	5	39 31	73 08	1495	8A	8A	BAK	U. S. CORPS OF ENGINEER			
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	350	8P	8P			WASH. SUB. SANY. COMM.	SHALLMAR	8191	08	GARRETT	4	39 23	79 12	1700	8A	8A		CLARENCE B. KIMBLE			
BROOKDALE	1170	06	MONTGOMERY	5	38 57	77 06	260	7P	7P		H	B. FRANCIS DASHIELL	SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040	7P	7P	C	PA. ELECTRIC CO.			
CAMBRIDGE 4 W	1389	02	DORCHESTER	1	38 34	76 09	5	6P	6P			D ARCY MC B. HARDING	SINES DEEP CREEK 2	8320	08	GARRETT	7	39 32	79 25	2040	7P	7P		MRS THELMA REAM			
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P	6P			HARION G. LEIBY	SNOW HILL	8380	01	WORCESTER	1	38 11	75 24	14	5P	5P	H	WORCESTER FERTILIZER CO			
CHARLOTTE HALL SCHOOL	1886	03	ST MARYS	4	38 29	76 47	166	4P	4P			CHARLOTTE HALL SCHOOL	SOLOMONS	8605	03	CALVERT	1	38 19	76 27	12	6P	6P		CHESAPEAKE BIOD. LAB.			
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	35	11P	11P		H	T. W. ELIASON, JR.	SUTTLAND	8656	04	PRIN. GEORGES	5	39 51	76 56	280	9A	9A		WAYNE H. BARTLETT			
CHESTERVILLE BRIDGEPORT	1790	07	WASHINGTON	5	39 38	77 41	560	5S	5S			D. PAUL OSWALD	TOWSON	8677	06	BALTIMORE	3	39 24	76 37	410	4P	4P		BALTIMORE COUNTY JAIL			
COLLEGE 3 NW	1980	05	KENT	1	39 21	76 08	78	6P	6P		C	W. B. HARRIS	UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	6P	6P	C	G. P. VON EIFF, JR.			
COLLEGE PARK	1995	04	PRIN. GEORGES	5	38 59	76 55	70	5P	5P		C	U.S. GEOL. SURVEY	UPPER MARLBORO 3 NW	9070	04	PRIN. GEORGES	4	38 52	76 47	98	8A	8A	BAK	TOBACCO EXP. FARM			
CONOWINGO DAM	2050	06	HARFORD	8	39 39	76 10	40	11P	11P		H	SUSQUEHANNA ELETRIC CO.	VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P	6P		ERN. SHORE PUB. SVC.CO.			
CRISTFIELD SOMERS COVE	2215	03	SOMERSET	1	37 59	78 52	8	5P	5P			SOMERS COVE MARINA	WALDORF POLICE SHKS	9194	03	CHARLES	5	38 39	76 53	210	5P	5P		MD. STATE POLICE			
CUMBERLAND	2280	07	ALLEGANY	5	39 39	78 45	900	6P	7A		H	KEITH E. THOMAS	WESTERNPORT	9405	07	ALLEGANY	5	39 29	75 03	1000	6P	6P		MORRIS BRUCE			
CUMBERLAND POLICE BNKS	2285	07	ALLEGANY	5	39 38	78 50	970	5P	5P			MD. STATE POLICE	WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	810	6P	7A	H	L. EUGENE PURDUM			
DENTON 1 NW	2523	02	CAROLINE	1	38 54	75 51	40	6P	6P			WAYNE A. CAWLEY	WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P	5P		PARK + PLANNING COMM.			
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	5P	5P			MARYLAND STATE POLICE	WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360	7A	7A		HAGERSTOWN NTR. PLANT			
EDGEMONT	2770	07	WASHINGTON	5	39 40	77 33	905	8A	8A			LEE G. HARNE	WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	415	6P	6P	H	WOODSTOCK COLLEGE			
ELKTON	2860	06	Cecil	1	39 30	75 40	28	6P	6P			H. W. BOUCHELLE	DISTRICT OF COLUMBIA														
EMMITSBURG 2 SE	2906	06	FREDERICK	5	39 41	77 18	420	5P	5P			MRS. LUCILLE K. BEALE	DALECARLIA RESV D C	2325	04		5	38 56	77 07	146	5P	5P		CORPS OF ENGINEERS			
FORT GEORGE G HEADE	3230	04	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P			FILTRATION PLANT	NATIONAL ARBORETUM D C	6350	04		5	38 54	76 58	50	4P	4P		U.S. NAT. ARBORETUM			
FREDERICK WFMD	3350	06	FREDERICK	5	39 25	77 28	435	6P	6P			RADIO STATION WFMD	U. S. SOLDIERS HOME DC	9035	04		5	38 56	77 01	230	MID	MID		U.S. SOLDIERS HOME			
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385	8A	8A			MISS L. MARY STALEY															
FROSTBURG	3410	07	ALLEGANY	5	39 39	78 56	2035	7A	7A		H	C. A. SUTER, JR.	DELAWARE														
GLENN DALE BELL STA	3475	04	PRIN. GEORGES	4	38 58	76 48	151	4P	4P			PLANT INTRO. GARDEN	BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P	H	WILLIAM RAY			
GRANTSVILLE	3765	08	GARRETT	7	39 42	79 09	2590				C	MRS. FANNIE B. MELLER	DOVER	2730	02	KENT	2	39 09	75 31	25	4P	4P	H	STATE HIGHWAY DEPT.			
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	650	6P	6P			HAGERSTOWN RESERVOIR	GEORGETOWN 5 SW	3570	03	SUSSEX	1	38 38	75 28	45	5P	5P	5PC	UNI. AGRIC. EXP. STA.			
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	8A	8A		C	U. OF MD. FRUIT LAB.	LEWES 1 SW	5120	02	SUSSEX	2	38 46	75 09	20	6P	MID		FREDERICK O. VOGL			
LA PLATA 1 W	5080	03	CHARLES	4	39 06	77 00	140	5P	5P			RUSSELL LEVERING	MIDDLETOWN 1 WSW	5652	01	NEW CASTLE	2	39 26	75 45	60	4P	4P		PIONEER HI-BRED CORN CO			
LEONARDTOWN 3 NW	5111	04	PRIN. GEORGES	4	39 06	76 54	400	5P	7A		C	WASH. SUB. SANY. COMM.	MILFORD 3 NW	5915	02	SUSSEX	2	38 56	75 28	52	5P	5P		RADIO STATION WGSB			
LOCH RAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190	5P	5P			CITY OF BALTIMORE	NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	6P	6P	6PC	UNIV. OF DELAWARE			
MERRILL	5884	08	GARRETT	5	39 36	79 05	1790	8A	8A			DELWOOD E. MERRILL	SELBYVILLE	8269	02	SUSSEX	2	38 28	75 13	32	5P	5P		L. WERRIE LONG			
MILLINGTON	5985	05	KENT	1	39 16	79 51	30	6P	6P			LOUIS H. MOLLITT	WILMINGTON CASTLE WB AP	8995	21	NEW CASTLE	2	39 40	75 36	78	MID	MID	C	U.S. WEATHER BUREAU			
NEW GERMANY	6408	08	GARRETT	5	39 38	79 07	2590				C	ARCHIE BITTINGER	WILMINGTON PORTER RESV	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID	C	HJ			
OKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	5P	5P			LOREN WEBER															
OCEAN CITY HOTEL	6670	01	WORCESTER	2	38 21	75 05	15	7P	7P			IRA S. MANKOCK															
OWINGS FERRY LANDING	6770	03	CALVERT	4	39 41	76 40	160	5P	5P		H	JAMES E. BOURNE, JR.															
PARKTON 2 SW	6844	06	BALTIMORE	1	39 38	76 42	600	11P	11P		C	JOHN R. FOX															
PERRY POINT	6980	06	Cecil	1	39 33	76 04	40					VETERANS ADMINISTRATION															
PICARDY	7010	07	ALLEGANY	5	39 33	78 30	1030	6P	6P			POTOMAC MND. ORCHARD															

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

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

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. 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. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**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 1956.

**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 the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "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.