CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

OCTOBER 1968

Volume 72 No. 10

CLIMATOLOGICAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
MARYLAND																							
* * * SOUTHERN EASTERN SHORE 01																							
ASSATEAGUE STATE PARK	70.1	56.7	63.4		82	4	36	31+	130	0	0	0	0	1.90		.80	7	.0	0		4	2	0
CRISFIELD SOMERS COVE	69.5	56.2	62.9	.7	80	3	33	31	116	0	0	0	0	1.76	-1.61	.80	7	.0	0		4	1	0
POCOMOKE CITY 1 S	70.7	47.5	59.1		84	3	22	31	200	0	0	5	0	2.44		.94	7	.0	0		6	2	0
PRINCESS ANNE	71.4	49.1	60.3		85	3	25	31	178	0	0	3	0	1.96		.80	7	.0	0		3	2	0
SALISBURY	71.3	52.0	61.7		86	3	35	30+	150	0	0	0	0	2.39	-1.11	1.02	7	.0	0		6	2	1
SALISBURY FAA AIRPORT	68.4	48.5	58.5		83	3	27	31	215	0	0	3	0	2.50		.83	7	.0	0		4	3	0
SNOW HILL 4 N	69.9	49.1	59.5	.7	86	3	25	31	196	0	0	3	0	1.87	-2.04	.72	7	.0	0		4	2	0
DIVISION			60.8	1.2										2.12	-1.41			.0					
* * * CENTRAL EASTERN SHORE 02																							
BLACKWATER REFUGE	70.4	50.3	60.4		82	4	26	31	168	0	0	1	0	1.90		1.14	7	.0	0		3	2	1
CAMBRIDGE 4 W	71.2	51.8	61.5		89	3	27	31	140	0	0	1	0	2.25		1.10	7	.0	0		3	2	1
DENTON 1 WNW	70.6	48.4	59.5		88	3	27	31	199	0	0	3	0	2.68		.95	7	.0	0		4	2	0
EASTON POLICE BARRACKS	72.1	51.7	61.9	3.6	87	4+	29	31	145	0	0	1	0	1.77	-1.41	.58	7	.0	0		4	3	0
PRESTON 1 S	70.7	50.4	60.6		86	3	27	31	171	0	0	1	0	2.14		.92	7	.0	0		3	3	0
ROYAL OAK	71.4	52.7	62.1		86	3	29	31	135	0	0	1	0	2.66		1.13	7	.0	0		3	2	2
VIENNA	71.8	52.2	62.0		85	2	28	31	138	0	0	1	0	3.22		1.26	7	.0	0		5	3	1
DIVISION			61.1	2.3										2.37	-.86			.0					
* * * LOWER SOUTHERN 03																							
CHARLOTTE HALL SCHOOL																							
LA PLATA 1 W	71.5	47.4	59.5		86	3	26	31	201	0	0	4	0	3.06		1.77	19	.0	0		4	2	1
LEONARDTOWN 3 NW	73.0	48.4	60.7		89	3	26	31+	170	0	0	5	0	1.07		.82	8	.0	0		2	1	0
OWINGS FERRY LANDING	70.0	49.2	59.6	1.0	85	3	26	31	196	0	0	1	0	2.66	-.63	1.21	19	.0	0		4	2	1
PRINCE FREDERICK																							
SOLOMONS	68.6	55.6	62.1	.9	86	3	38	31	132	0	0	0	0	2.12	-.99	.90	7	.0	0		4	2	0
WALDORF POLICE BRKS	70.5M	47.8M	59.2M		85	3+	24	31	204	0	0	4	0	3.98		2.00	19	.0	0		5	3	2
DIVISION			60.2	1.4										2.58	-.79			.0					
* * * UPPER SOUTHERN 04																							
ANNAPOLIS	68.8	51.6	60.2	1.0	86	3	31	31	180	0	0	1	0	2.55	-.08	1.13	7	.0	0		4	2	2
BALTIMORE WB AIRPORT R	69.1	50.2	59.7	2.7	84	3+	31	31	197	0	0	1	0	3.13	-.05	.80	7	.0	0		8	3	0
BELTSVILLE	68.7M	46.7M	57.7M		84	3	25	31	238	0	0	3	0	2.88		1.58	7	.0	0				1
BELTSVILLE PLANT STA 5	68.4	47.5	58.0		84	4+	26	31	229	0	0	3	0					.0	0				
COLLEGE PARK	70.1	50.0	60.1	2.5	85	2	28	31	178	0	0	1	0	2.89	-.27	1.51	7	.0	0		4	2	1
DALECARLIA RESVR D C	70.0	48.6	59.3		85	2	28	31	200	0	0	2	0	2.86		1.20	7	.0	0		6	2	1
FORT GEORGE G MEADE	69.4	47.5	58.5		84	2	25	31	218	0	0	5	0	3.05		1.42	7	.0	0		6	2	1
GLENN DALE BELL STA	69.7	44.5	57.1	.3	84	3	22	31	252	0	0	4	0	3.71	.35	1.32	7	.0	0		5	4	1
LAUREL 3 W	68.5	50.1	59.3		83	2+	35	31	204	0	0	0	0	3.29		1.40	7	.0	0		6	3	1
NATIONAL ARBORETUM D C	70.6	50.8	60.7		85	2	29	31	165	0	0	1	0	3.35		1.43	7	.0	0		5	3	1
SUITLAND	68.3	49.8	59.1		84	3	30	31	203	0	0	1	0	3.00		1.10	7	.0	0		6	2	1
U. S. SOLDIERS HOME DC	68.4	50.8	59.6		84	2+	34	31	196	0	0	0	0	3.11		1.15	7	.0	0		7	2	1
UPPER MARLBORO 3 NNW	69.8	47.7	58.8		88	4	25	31	210	0	0	3	0	3.52		1.12	7	.0	0		6	3	1
DIVISION			59.1	1.4										3.11	-.03			.0					
* * * NORTHERN EASTERN SHORE 05																							
CENTREVILLE	70.4	50.7	60.6		85	3+	27	31	163	0	0	1	0	2.97		1.39	19	.0	0		4	2	2
CHESTERTOWN	69.8	51.1	60.5		86	2	32	31	171	0	0	1	0	3.38		1.58	7	.0	0		5	2	1
COLEMAN 3 WNW	69.1M	50.5M	60.0M	.9	84	2+	33	31	184	0	0	0	0	3.90	.82	2.13	7	.0	0		4	3	1
EASTERN NECK ISLAND	69.0M	53.9M	61.5M		81	2	35	31	145	0	0	0	0	3.59		1.34	19	.0	0		4	3	2
MILLINGTON	69.6	48.3	59.0	1.2	87	2	27	31	203	0	0	3	0	3.25	.27	1.56	7	.0	0		4	2	2
DIVISION			60.3	1.7										3.42	.42			.0					
* * * NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FLD	67.9	50.0	59.0		82	2	30	31	199	0	0	1	0	2.60		1.60	7	.0	0		3	2	1
BALTIMORE WB CITY R	71.1	55.6	63.4	3.4	88	2+	40	30	127	0	0	0	0	2.99	-.26	.69	19+				7	3	0
BENSON POLICE BARRACKS	70.1	48.1	59.1		84	2	27	31	204	0	0	2	0	2.98		1.43	7	.0	0		4	2	2
BOYDS 2 NW	66.7	48.0	57.4		82	2	29	31	243	0	0	2	0	4.33		2.34	19	.0	0		5	2	2
CATOCTIN MOUNTAIN PARK	61.6	46.3	54.0		78	2	27	31	344	0	0	2	0	3.01		1.98	19	.0	0		3	2	1
CLARKSVILLE 3 NNE	67.7	45.6	56.7		82	2	22	31	256	0	0	3	0	4.12		1.49	7	.0	0		6	3	2
CONOWINGO DAM	67.5	48.8	58.2		83	2	30	31	218	0	0	2	0	3.33		1.40	7	.0	0		5	2	2
ELKTON	70.1	48.4	59.3	2.8	86	2	26	31	194	0	0	2	0	3.80	.57	2.10	7	.0	0		3	2	2
EMMITSBURG 2 SE	66.5	43.6	55.1		83	2+	20	31	305	0	0	5	0	2.53		1.50	19	.0	0		3	2	1
FREDERICK WFMD	66.6	48.6	57.6	2.0	86	1	28	31	245	0	0	3	0	3.08	-.05	2.16	19	.0	0		2	2	1
PARKTON 2 SW	65.2	44.8	55.0		80	2+	26	31	304	0	0	3	0	4.09		1.76	19	.0	0		5	3	2
ROCKVILLE																							

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

Continued

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
TOWSON	67.6	50.2	58.9		82	2	32	31	206	0	0	1	0	4.26	.77	1.78	7	.0	0		5	3	2
UNIONVILLE	65.7	45.4	55.6		86	1	22	31	293	0	0	3	0	3.38		1.62	19	.0	0		4	3	2
WESTMINSTER 2 SSE	64.8	46.6	55.7	.0	81	2	26	31	289	0	0	3	0	3.81	.35	1.25	19	.0	0		4	4	2
WHEATON REGIONAL PARK	67.5	47.5	57.5		78	4+	25	31	232	0	0	3	0	3.11		1.27	7	.0	0		6	3	1
WOODSTOCK	66.8M	44.5M	55.7M	.1	83	2	24	31	295	0	0	2	0	2.67	- .60	1.22	19	.0	0		6	2	1
DIVISION			57.4	1.1										3.38	.06			.0					
* * *																							
APPALACHIAN MOUNTAIN 07																							
BOONSBORO	65.0	48.2	56.6		81	2+	28	31	271	0	0	2	0	2.92		2.08	19	.0	0		2	2	1
CHEWSVILLE BRIDGEPORT	66.8	46.7	56.8	2.0	84	2	23	31	266	0	0	2	0	2.24	- .78	1.42	19	.0	0		3	2	1
CUMBERLAND	65.6	42.4	54.0		83	1	26	31+	338	0	0	4	0	2.07		1.24	19	.0	0		3	1	1
CUMBERLAND POLICE BRKS	67.6	44.2	55.9		84	3+	22	31	289	0	0	3	0	3.67		1.34	19	.0	0		5	4	1
FROSTBURG	63.7	42.9	53.3	- .1	80	2	22	31	357	0	0	3	0	2.41	- .92	1.18	19	T	0		5	2	1
HAGERSTOWN	66.4	48.1	57.3		83	2+	28	31	256	0	0	2	0	2.54		1.50	19	.0	0		4	2	1
HANCOCK FRUIT LAB	64.6	43.9	54.3		82	2	22	31	332	0	0	4	0	2.63	- .65	1.25	19	.0	0		4	2	1
PICARDY	66.4	44.7	55.6		85	2	25	31	296	0	0	4	0	2.96		1.87	19	.0	0		4	2	1
WESTERNPORT	68.5	45.2	56.9	.9	85	2	25	31	260	0	0	2	0	2.68	- .28	1.14	19	.0	0		6	2	1
WESTERNPORT UPRC	66.6M	43.0M	54.8M		85	2	23	31	323	0	0	4	0	2.30		1.07	19	.0	0		4	2	1
DIVISION			55.6	.5										2.64	- .43			T					
* * *																							
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	57.7	40.0	48.9		73	2	23	31	492	0	0	9	0	2.62		1.00	19	.5	T	28	7	2	1
OAKLAND 1 SE	61.5	39.2	50.4	- .2	75	17+	17	31	448	0	0	11	0	2.72	- .40	.80	19	.5	T	29	4	3	0
SAVAGE RIVER DAM	62.5	41.0	51.5		78	3	25	31	401	0	0	5	0	2.22		1.16	19	.0	0		3	1	1
SINES DEEP CREEK 2	61.3	38.9	50.1	.8	75	17+	18	31	455	0	0	7	0	2.70	- .40	.98	19	.0	0		6	2	0
DIVISION			50.2	.2										2.57	- .55			.3					
DELAWARE																							
* * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	70.3	48.3	59.3		86	3	27	31	198	0	0	2	0	3.25		1.77	7	.0	0		5	2	2
NEWARK UNIVERSITY FARM	68.5	48.0	58.3		85	2	28	31	220	0	0	2	0	3.47		1.97	7	.0	0		3	2	2
WILMGTON NCASTLE WB AP	68.4	49.5	59.0	2.4	84	3	30	31	205	0	0	1	0	3.28	.37	1.43	7	.0	0		4	2	2
WILMGTON PORTER RESVR	66.6	48.4	57.5		83	2	32	31	244	0	0	1	0	3.11	.01	1.21	7	.0	0		4	2	2
DIVISION			58.5	1.3										3.28	.14			.0					
* * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	70.3	49.0	59.7	1.7	85	3+	25	31	192	0	0	2	0	2.11	- 1.08	1.14	7	.0	0		5	1	1
DOVER	70.0	50.2	60.1	1.4	88	3	32	31	180	0	0	1	0	3.08	- .19	1.01	7	.0	0		5	3	1
GEORGETOWN 5 SW	69.8	48.0	58.9		86	4	26	31	213	0	0	4	0	2.02		1.10	7	.0	0		5	1	1
LEWES 1 SW	69.2	49.7	59.5		88	3	31	31+	193	0	0	2	0	2.07		.94	7	.0	0		5	1	0
MILFORD 2 WSW	71.0M	49.0M	60.0M		88	3	28	30	186	0	0	2	0	1.47		.79	7	.0	0		3	1	0
SELBYVILLE	70.6	49.7	60.2		86	3	28	31	177	0	0	3	0	2.68		1.01	19	.0	0		4	2	1
DIVISION			59.7	1.3										2.24	- 1.16			.0					

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 89° ON THE 3D AT 2 STATIONS, MD.

LOWEST TEMPERATURE: 17° ON THE 31ST AT OAKLAND 1 SE, MD.

GREATEST TOTAL PRECIPITATION: 4.33 INCHES AT BOYDS 2 NW, MD.

LEAST TOTAL PRECIPITATION: 1.07 INCHES AT LEONARDTOWN 3 NW, MD.

GREATEST ONE-DAY PRECIPITATION: 2.34 INCHES ON THE 19TH AT BOYDS 2 NW, MD.

GREATEST REPORTED TOTAL SNOWFALL: .5 INCH AT 2 STATIONS, MD.

GREATEST REPORTED DEPTH OF SNOW ON GROUND: TRACE ON THE 29+ AT 2 STATIONS, MD.

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
OCTOBER 1968

Station	Total	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																																
ASSATEAGUE STATE PARK	1.90				.17			.80												.62					T				.31		T	T
CRISFIELD SOMERS COVE	1.76							.80												.45						.04			.30	.17		
POCOMOKE CITY 1 S	2.44				.19			.94												.57	.30								.33	.11		
PRINCESS ANNE	1.96				.05			.80												.06					T	.02			.71	.32		
SALISBURY	2.39				.10			1.02	T											.53	.03				.02	.23			.23	.23		
SALISBURY FAA AIRPORT	2.50			.03			.17	.83											T	.77					.03	.04			.63			
SNOW HILL 4 N	1.87			T	.23			.72												.52	.02				T				.38			
* * * CENTRAL EASTERN SHORE 02																																
BLACKWATER REFUGE	1.90				.09			1.14												.52					T				.15			
CAMBRIDGE 4 W	2.25			.02				1.10				.02								.74					.09	.24			T	.04		
DENTON 1 WNW	2.68			.38				.95												.92					.04	.35				.04		
EASTON POLICE BARRACKS	1.77				.01			.58												.51	T				.04	.50	.01			.12		
PRESTON 1 S	2.14			T	T			.92												.62					.51	.07			.02			
ROYAL OAK	2.66			.02				1.13												1.06					T	.41			T	.04		
VIENNA	3.22			.10				1.26												.54						.37			.90	.05		
* * * LOWER SOUTHERN 03																																
CHARLOTTE HALL SCHOOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LA PLATA 1 W	3.06			T				.89												1.77						.24			.16	T		
LEONARDTOWN 3 NW	1.07								.82																		.25					
OWINGS FERRY LANDING	2.66							.91				.04							.08	1.21						.16				.26		
PRINCE FREDERICK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOLOMONS	2.12			.10	.08			.90											.03	.74						.27			T	T		
WALDORF POLICE BRKS	3.98			T	T			1.10											.11	2.00						.59					.18	
* * * UPPER SOUTHERN 04																																
ANNAPOLIS	2.55			.11				1.13							T		T		T	1.10	T					.14			.21			
BALTIMORE WB AIRPORT R	3.13			.24			.50	.80											.32	.58					.45				.10			
BELTSVILLE	2.88				.05			1.58											.02	*	.67					.46				.10		
BELTSVILLE PLANT STA 5	-				.07			-											.09	.61	.28					.45				.11		
COLLEGE PARK	2.89			.02	.01			1.51											.13	.70					.01	.42				.09		
DALECARLIA RESVR D C	2.86			.10				1.20											.12	.90					T	.41				.13		
FORT GEORGE G MEADE	3.05			.10				1.42											.15	.71					.17	.46				.04		
GLENN DALE BELL STA	3.71			.08	.09			1.32							T		T		.05	.79					.55	.55				.28		
LAUREL 3 W	3.29				.14			1.40												.41	.63					.51				.20		
NATIONAL ARBORETUM D C	3.35			.18				1.43				.02								.76					.03	.54			.39			
SUITLAND	3.00				.38			1.10				T			T	T			T	.31	.23					.50				.48		
U. S. SOLDIERS HOME DC	3.11			.03			.20	1.15	.01										.20	.76					.42	.18			.16			
UPPER MARLBORO 3 NNW	3.52				.28			1.12				T			T	T	T			.65	.48					.54				.45	T	
* * * NORTHERN EASTERN SHORE 05																																
CENTREVILLE	2.97			.20	.03			1.24											T	1.39	T				T					.11		
CHESTERTOWN	3.38			.21			.16	1.58											T	.97					T	.40			.06			
COLEMAN 3 WNW	3.90			T	.14			2.13			T									.89						.70				.04		
EASTERN NECK ISLAND	3.59				.07			1.25												1.34						.80				.13		
MILLINGTON	3.25				.32			1.56												1.12					.14	.05				.06		
* * * NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	2.60			T				1.60											.03	.60					.04	.30				.03	T	
BALTIMORE WB CITY R	2.99						.58	.69											.28	.69					.13	.42			.20			
BENSON POLICE BARRACKS	2.98							1.43											.06	1.00	.05					.29				.15		
BOYDS 2 NW	4.33			.03	.02			1.24											.10	2.34						.45			.15			
BRIGHTON DAM	3.44				.02			1.31				T								.58	.54					.72				.27		
BROOKDALE	2.87			.12			T	1.21				.02							.04	.87						.43			.18			
CATOCTIN MOUNTAIN PARK	3.01			.18	.03			.69				.05							.08	1.98												
CLARKSVILLE 3 NNE	4.12			.06	.09			1.49											.26	1.16						.73			.10	.23		
CONOWINGO DAM	3.33			.01	T		.09	1.40			T			T	T	T	T	T	.01	1.28					.12	.25	T		.17	T	T	T
ELKTON	3.80							2.10												1.18						.48			.04			
EMMITSBURG 2 SE	2.53							.72						.02	.03				.06	1.50						.20						
FREDERICK WFMD	3.08			T				.78				.02		T					.03	2.16						.09						
FREDERICK 3 E	3.17				.05			.98				T								.84	1.06					.24				T		
LOCH RAVEN DAM	3.93							1.80								T	T		.28	1.07						.60				.18		
PARKTON 2 SW	4.09			.03			.20	1.07				.01	.02	.01	.02				.19	1.76					T	.70	T		.08			
POTOMAC FILTER PLANT	2.80				.01			1.06				T								.50	.54					.43			.26			
ROCKVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOWSON	4.26							1.78				T		T			T		.30	1.20					.08	.60				.30		
UNIONVILLE	3.38			.05				1.02											.14	1.62	.01				T	.54			T			
WESTMINSTER 2 SSE	3.81				.02			1.12				.01								1.25	.77					.58				.06		
WHEATON REGIONAL PARK	3.11				.04			1.27											.10	.65	.10					.67				.28		
WOODSTOCK	2.67			T			.50	.05											.10	1.22					.21	.35			.24			
* * * APPALACHIAN MOUNTAIN 07																																
BOONSBORO	2.92		T	.08	.02			.60				.01			T				.05	2.08	.01					.07	T		T			
CHEWSVILLE BRIDGEPORT	2.24		T	.15	T			.60			T	.02							.04	1.42					T	.01			T			
CUMBERLAND	2.07			T	T			.48				.07								1.24	.23				T	.05	T	T	T		T	
CUMBERLAND POLICE BRKS	3.67			.05	.05			.56			.59	.01	.68		T				.24	1.34					.07		.04			.02	.02	
EDGEMONT	2.65				.15			.62				.04								1.18	.53					.08	.05					
FROSTBURG	2.41			.11	.01		.02	.57	T	T	.03	.03	.01	T	T		T		.18	1.18					.08	.02	.02		.01	.10	.04	
HAGERSTOWN	2.54			.15	.02			.66			.01								.13	1.50						.07						
HANCOCK FRUIT LAB	2.63				.07			.56				.06								1.25	.27					.42						
PICAROY	2.96		T	.18			T	.67			T	T							.12	1.87					.07	.05						
WESTERNPORT	2.68			.19			.10	.57				.02	.05						.40	1.14				.10		.05	.02		.02	.02		
WESTERNPORT UPRC	2.30			.15	T			.62			T								.36	1.07					.08	T	T		T		.02	
WILLIAMSPORT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * ALLEGHENY PLATEAU 08																																
BITTINGER 2 NW	2.62			.28	T		.06	.60			.06	.04							.14	1.00						.03	.14		.15	.12		
MERRILL	2.50			.05	.17			.65	.03			.03								1.15	.10				.02	.05	.08			.11	.06	
OAKLAND 1 SE	2.72			.60				.72			.06	.04			.03				.16	.80	.02					.03	.07	T	.09	.08	.02	
SAVAGE RIVER DAM	2.22			.01	.31	T		.47	T	T		.02	T			T			T	1.16	.06				.04	.02	.04		.02	.05	.02	
SINES DEEP CREEK 2	2.70			.07	.35			.74	.04			.10							T	.98	T					.02	.22	T	.05	.11	.02	

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
OCTOBER 1968

Station	Total	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	3.25				.18			1.77												1.05	T					.11			.14			
NEWARK UNIVERSITY FARM	3.47			T	.02			1.97				.04								1.07						.37				T		
WILMGTON NCASTLE WB AP	3.28			T			.29	1.43				T		T					T	1.22					.03	.26			.05		T	
WILMGTON PORTER RESVR	3.11			T			.19	1.21				T								1.17					.01	.45			.08		T	
* * * SOUTHERN 02																																
BRIDGEVILLE 1 NW	2.11			.25				1.14												.42						.17			.11	.02		
DOVER	3.08			.10	.86			1.01												.83	.01					.21				.06		
GEORGETOWN 5 SW	2.02				.01			1.10												.12	.31					.28				.20		
LEWES 1 SW	2.07			.10				.94												.40					T	.18			.45			
MILFORD 2 WSW	1.47				.04			.79				.03								.43						.06			.10	.02		
SELBYVILLE	2.68			.08				.80												1.01					.05	T			.47	.27	T	

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																	
* * *																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE STATE PARK	MAX	79	78	79	82	75	66	79	73	81	65	70	69	72	74	73	76	75	79	72	70	67	70	73	69	67	58	63	63	56	53	48	70.1
	MIN	67	52	69	55	43	44	61	64	61	61	56	57	65	66	67	65	69	65	67	65	54	55	64	56	59	46	49	45	39	36	36	56.7
CRISFIELD SOMERS COVE	MAX	76	78	80	79	62	66	69	69	65	67	71	73	72	76	78	77	78	78	75	70	69	70	69	73	70	62	60	60	56	52	54	69.5
	MIN	62	63	70	56	52	46	62	55	58	57	56	57	56	60	61	61	62	66	67	59	58	47	63	57	56	50	49	50	47	45	33	56.2
POCOMOKE CITY 1 S	MAX	79	82	84	79	63	69	74	70	66	69	73	70	75	76	78	80	80	80	75	68	67	72	74	72	69	59	62	62	54	56	54	70.7
	MIN	46	51	66	55	30	29	53	50	55	55	52	53	49	52	55	50	53	55	55	57	47	33	60	50	53	43	34	50	28	32	22	47.5
PRINCESS ANNE	MAX	80	83	85	81	62	68	73	68	65	68	74	75	73	77	78	79	81	82	75	74	70	73	78	74	69	59	62	60	57	54	55	71.4
	MIN	45	53	63	54	33	30	56	42	55	54	53	50	56	52	56	51	58	60	66	49	57	35	60	52	51	47	42	49	32	37	25	49.1
SALISBURY	MAX	83	84	86	81	64	68	75	68	65	67	73	75	71	76	79	80	80	80	75	70	68	72	78	74	70	62	62	58	55	54	58	71.3
	MIN	50	56	66	57	38	35	58	49	57	57	55	55	59	55	59	55	58	61	68	58	52	41	61	55	52	46	41	48	36	35	39	52.0
SALISBURY FAA AIRPORT	MAX	78	80	83	68	60	65	71	64	63	65	70	73	71	74	75	77	77	77	74	69	65	72	74	71	63	61	63	59	53	51	55	68.4
	MIN	46	54	67	44	34	31	52	48	55	53	53	52	54	53	56	53	53	58	61	54	41	37	55	57	52	47	44	45	37	31	27	48.5
SNOW HILL 4 N	MAX	81	81	86	74	62	68	72	66	67	65	72	74	73	75	77	78	79	80	73	69	66	71	76	71	65	57	63	62	55	52	57	69.9
	MIN	46	53	65	54	34	30	58	47	56	55	50	51	53	54	58	56	54	58	67	57	49	36	58	52	53	43	35	48	35	32	25	49.1
* * *																																	
CENTRAL EASTERN SHORE 02																																	
BLACKWATER REFUGE	MAX	78	78	80	82	60	66	68	69	66	64	70	70	72	74	79	80	81	80	77	71	70	72	75	76	72	63	62	59	57	54	57	70.4
	MIN	46	54	67	54	42	38	59	46	55	49	55	52	60	52	52	49	58	61	65	59	55	40	53	55	51	46	41	48	36	35	26	50.3
CAMBRIDGE 4 W	MAX	83	85	89	73	64	70	71	69	67	69	72	76	74	76	76	81	83	83	74	72	66	72	73	73	65	59	63	59	58	55	58	71.2
	MIN	48	54	67	56	48	35	58	53	58	54	56	52	57	54	59	52	56	58	67	58	53	37	58	55	54	47	43	50	43	40	27	51.8
DENTON 1 WNW	MAX	84	85	88	70	63	69	71	69	69	67	70	75	75	72	78	81	82	82	75	71	65	72	73	75	66	57	63	59	53	53	56	70.6
	MIN	47	55	64	53	34	32	48	44	44	49	56	50	56	55	55	54	59	57	63	60	49	40	52	50	50	43	38	46	38	32	27	48.4
EASTON POLICE BARRACKS	MAX	82	84	87	87	64	70	70	70	70	69	71	77	74	76	80	82	83	81	77	72	71	71	75	73	71	60	63	60	55	54	57	72.1
	MIN	49	57	65	53	46	35	53	46	56	55	57	53	60	55	58	56	60	62	67	58	54	38	58	53	52	48	38	52	42	39	29	51.7
PRESTON 1 S	MAX	82	85	86	73	63	69	71	70	65	69	70	75	78	76	78	83	82	83	73	70	65	71	75	75	68	56	61	57	55	52	56	70.7
	MIN	47	55	63	53	39	34	57	46	54	53	56	52	59	55	57	54	56	60	66	56	51	40	55	52	51	47	40	50	42	35	27	50.4
ROYAL OAK	MAX	82	81	86	73	65	71	71	70	68	71	71	76	73	78	76	83	83	84	74	72	67	73	75	74	67	58	64	60	56	55	57	71.4
	MIN	51	57	68	53	46	41	58	50	56	52	57	54	59	56	58	55	59	60	66	59	55	44	58	52	50	48	46	52	43	41	29	52.7
VIENNA	MAX	84	85	84	76	65	69	72	68	65	69	73	76	75	76	78	82	82	80	76	72	67	72	77	75	69	63	64	59	58	55	59	71.8
	MIN	44	56	68	54	50	36	60	50	56	56	57	58	62	54	59	55	57	57	67	57	55	40	60	53	52	47	42	52	38	37	28	52.2
* * *																																	
LOWER SOUTHERN 03																																	
CHARLOTTE HALL SCHOOL																																	
LA PLATA 1 W	MAX	83	85	86	71	64	70	69	70	65	66	69	76	74	78	78	78	85	84	75	75	68	77	77	70	64	57	66	62	58	57	60	71.5
	MIN	44	50	63	48	33	33	57	42	52	53	57	55	56	57	54	53	56	62	65	52	44	38	50	47	46	38	32	46	32	29	26	47.4
LEONARDTOWN 3 NW	MAX	82	86	89	80	62	71	71	69	68	69	71	72	74	79	80	82	85	81	74	74	73	77	79	74	67	59	73	73	55	55	58	73.0
	MIN	43	50	62	51	30	31	60	42	50	50	54	50	61	55	55	52	55	61	58	58	48	35	58	54	48	45	52	50	29	26	26	48.4
OWINGS FERRY LANDING	MAX	80	84	85	71	64	68	70	67	68	68	69	75	72	75	76	78	80	78	74	70	69	75	74	70	65	55	64	61	54	53	58	70.0
	MIN	55	55	63	49	36	34	56	45	53	55	56	58	58	59	57	50	56	61	64	54	48	40	52	52	40	41	38	47	35	33	26	49.2
PRINCE FREDERICK	MAX																																
	MIN																																
SOLOMONS	MAX	80	80	86	75	64	67	65	64	64	68	72	73	70	74	74	75	73	74	69	66	67	71	71	70	68	58	61	60	56	53	58	68.6
	MIN	57	61	68	60	49	56	51	59	56	61	63	59	63	60	59	66	68	61	58	54	53	51	59	58	50	47	43	52	43	40	38	55.6
WALDORF POLICE BRKS	MAX		85	85	73	62	68	69	70	67	65	68	75	74	75	72	78	81	79	76	72	70	76	75	75	69	59	65	61	56	55	59	70.5
	MIN		50	62	51	33	31	57	43	55	52	56	52	56	59	53	52	56	59	65	55	42	37	58	49	45	41	32	46	33	30	24	47.8
* * *																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS	MAX	83	83	86	69	62	66	68	67	67	66	67	74	68	71	71	75	82	78	73	70	65	69	74	69	63	56	64	60	56	53	58	68.8
	MIN	50	57	66	51	39	40	58	49	53	58	60	57	56	60	60	56	59	64	68	56	50	42	53	55	48	45	39	47	37	35	31	51.6
BALTIMORE WB AIRPORT	MAX	84	84	84	64	65	67	69	67	65	64	68	76	68	71	73	75	81	78	76	72	67	72	72	68	62	55	65	63	55	54	58	69.1
	MIN	53	57	64	43	38	37	52	49	57	57	60	59	56	60	57	53	59	62	63	54	45	42	52	53	47	43	36	42	39	35	31	50.2
BELTSVILLE	MAX	75	83	84	80	61	62	67	68	68	64	64		73	71	71	72	73	78	78	72	77	64	73	70	65	60	53	64	63	54	53	68.7
	MIN	47	49	52	46	37	34	58	45	50	53	54		57	53	57	52	55	58	68	53	45	36	37	47	46	43	32	43	39	29	25	46.7
BELTSVILLE PLANT STA 5	MAX	77	84	84	84	60	61	66	68	69	64	64	66	71	71	73	72	75	78	75	72	69	64	73	71	65	60	52	63	62	53	53	68.4
	MIN	45	50	60	46	37	32	55	42	52	55	58	56	54	58	57	52	54	56	67	50	42	37	46	46	47	46	34	45	37	31	26	47.5
COLLEGE PARK	MAX	84	85	82	73	63	67	68	69	67	64	67	73	73	73	72	75	80	77	77	71	70	74	74	73	64	58	63	63	58	55	60	70.1
	MIN	43	53	65	50	45	35	56	45	55	55	58	58	55	60	60	54	57	60	66	53	48	39	50	49	47	46	37	48	41	35	28	50.0
DALECARLIA RESVR D C	MAX	84	85	84	70	61	68	66	70	66	65	68	74	77	74	72	77	80	78	76	71	69	76	73	67	65	57	65	63	57	54	59	70.0
	MIN	46	54	61	41	37	38	54	44	54	56	59	56	56	56	56	53	58	64	65	52	47	41	50	47	43	42	34	46	37	32	28	48.6
FORT GEORGE G MEADE	MAX	82	84	80	69	62	67	67	69	68	64	69	73	72	73	75	77	80	77	75	72	70	73	72	66	62	56	64	64	57	54	59	69.4
	MIN	48	51	59	42	31	31	55	44	53	53	57	56	54	59	58	53	55	59	65	52	46	36	49	48	45	41	32	48	37	29	25	47.5
GLENN DALE BELL STA	MAX	83	83	84	70	62	67	69	68	67	64	67	74	74	72	72	76	79	78	76	71	71	75	74	70	61	59	64	63	57	54	58	69.7
	MIN	42	49	58	43	32	29	54	37	47	52	55	52	51	55	53	49	52	56	65	47	40	34	45	43	43	41	33	42	33	26	22	44.5
LAUREL 3 W	MAX	83	83	81	69	62	66	68	69	66	63	66	72	72	73	74	74	80	75	74	71	66	73	72	67	62	54	64	58	58	52	58	68.5
	MIN	55	59	63	47	42	40	56	48	48	54	57	58	48	50	47	60	59	63	66	52	50	47	54	52	46	45	40	37	38	36	35	50.1

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		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	Average
MARYLAND																																	
NATIONAL ARBORETUM D C	MAX	84	85	83	71	63	68	70	70	69	65	69	74	75	74	73	78	81	79	77	72	71	75	75	69	65	59	64	62	55	55	59	70.6
	MIN	54	52	63	49	43	40	56	46	54	54	58	56	57	59	56	54	59	61	67	54	48	46	54	48	47	46	40	46	41	37	29	50.8
SUITLAND	MAX	76	81	84	81	60	60	66	67	67	63	64	66	73	72	71	71	76	80	78	72	72	64	74	71	68	60	53	63	60	52	52	68.3
	MIN	51	55	57	51	42	37	56	49	48	55	56	57	58	59	58	55	56	60	65	54	52	42	43	50	47	44	39	44	40	34	30	49.8
U. S. SOLDIERS HOME DC	MAX	84	84	81	66	63	67	69	66	65	64	67	72	74	73	71	75	82	78	72	72	67	74	70	66	60	52	60	61	53	55	58	68.4
	MIN	54	58	65	40	41	41	53	48	56	54	58	58	59	59	58	55	60	63	60	53	49	46	55	50	47	44	42	42	39	35	34	50.8
UPPER MARLBORO 3 NNW	MAX	77	82	83	88	61	64	67	68	69	65	65	68	74	73	74	74	78	80	79	74	71	66	75	74	66	62	53	64	62	56	53	69.8
	MIN	44	50	62	50	35	32	56	44	51	54	57	53	52	56	54	58	54	57	62	53	44	37	52	46	46	44	38	47	35	31	25	47.7
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX	82	85	85	70	62	69	70	70	68	67	69	74	68	75	77	81	82	80	76	71	70	71	73	73	69	59	62	61	54	53	57	70.4
	MIN	50	55	65	53	45	33	55	49	53	54	56	53	56	55	57	55	56	58	62	56	54	40	54	51	50	47	43	48	43	39	27	50.7
CHESTERTOWN	MAX	84	86	83	69	69	69	71	70	66	66	67	73	68	69	75	79	80	78	72	71	68	71	75	72	65	57	63	61	53	54	59	69.8
	MIN	53	60	68	43	46	39	54	48	52	54	54	56	60	56	59	56	60	61	60	54	49	45	54	51	48	46	45	44	41	37	32	51.1
COLEMAN 3 WNW	MAX	84	84	83	74	63	69	69	69	66	63	67	71	70	69	72	74	78		79	71	71	70	71	72	66	57	64	60	54	54	59	69.1
	MIN	54	58	64	52	43	37	54	50	53	54	55	55	56	55	56	56	56	56		54	52	44	54	53	48	46	44	46	42	39	33	50.5
EASTERN NECK ISLAND	MAX	80	81	80	72	62	66	69	67	67	66	67		74	73	72	76	79	79	73	70	68	69	72	73	67	61	61	60	54	54	57	69.0
	MIN	62	65	67	56	47	45	51	52	54	52	58		55	58	59	55	59	64	66	59	55	48	59	54	52	49	47	49	44	42	35	53.9
MILLINGTON	MAX	84	87	85	70	63	69	69	70	66	65	67	74	71	70	76	78	80	80	77	67	68	71	73	70	65	59	63	61	52	52	57	69.6
	MIN	47	55	62	51	37	32	55	44	51	53	57	52	55	54	55	53	50	55	58	55	50	38	50	50	50	45	42	45	39	31	27	48.3
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX	81	82	79	73	59	64	68	68	67	63	64	70	68	68	67	74	79	78	74	73	70	68	70	68	64	58	64	60	55	51	57	67.9
	MIN	48	58	66	52	39	38	55	50	54	49	57	59	55	57	55	54	57	61	54	54	47	41	52	53	49	45	42	49	37	34	30	50.0
BALTIMORE WB CITY	MAX	88	88	84	68	64	67	69	70	68	66	69	76	72	77	74	78	82	78	77	76	71	74	75	70	63	57	66	66	55	55	61	71.1
	MIN	62	66	68	48	46	46	58	54	58	58	62	64	62	64	64	60	64	67	64	59	56	51	60	54	50	47	42	47	43	40	41	55.6
BENSON POLICE BARRACKS	MAX	83	84	81	74	62	66	78	70	69	65	66	73	73	71	70	78	81	80	77	72	70	68	71	70	68	59	63	62	59	54	57	70.1
	MIN	55	53	60	48	40	33	58	49	50	51	55	55	50	53	58	50	53	56	65	53	48	38	48	48	46	43	38	45	34	32	27	48.1
BOYDS 2 NW	MAX	81	82	77	68	59	64	64	66	64	62	67	71	75	72	68	75	77	75	71	69	68	72	69	63	56	54	62	61	50	51	56	66.7
	MIN	51	55	59	43	38	37	51	44	54	52	55	56	52	58	53	55	55	62	63	47	48	41	50	48	44	43	33	44	35	32	29	48.0
CATOCTIN MOUNTAIN PARK	MAX	74	78	75	62	53	56	60	66	58	54	59	67	67	67	68	69	70	76	66	64	62	62	64	54	54	59	57	55	50	40	49	61.6
	MIN	48	58	61	40	35	37	46	56	45	48	51	54	54	54	53	55	56	60	56	40	41	42	50	45	40	38	35	44	36	29	27	46.3
CLARKSVILLE 3 NNE	MAX	81	82	80	73	63	65	65	67	65	62	65	73	74	69	70	74	78	76	74	70	69	71	71	64	62	53	62	61	51	51	57	67.7
	MIN	40	46	53	48	40	28	55	39	51	53	56	56	53	58	54	51	51	55	66	47	47	34	42	43	44	40	33	45	38	27	22	45.6
CONOWINGO DAM	MAX	82	83	80	67	62	65	66	68	68	63	66	70	70	69	66	76	78	77	72	69	65	68	70	71	61	54	63	61	54	51	56	67.5
	MIN	47	55	61	50	41	34	56	50	52	52	55	57	54	56	54	54	55	57	62	55	52	41	49	49	46	41	38	44	35	32	30	48.8
ELKTON	MAX	83	86	80	75	63	70	69	70	68	64	72	71	73	68	71	80	79	76	72	72	67	70	72	72	65	70	65	62	55	55	58	70.1
	MIN	47	55	58	50	35	34	55	46	52	52	55	55	56	54	58	53	54	58	65	54	48	38	48	50	51	44	35	44	39	30	26	48.4
EMMITSBURG 2 SE	MAX	83	83	74	71	60	63	65	67	63	60	67	71	68	77	68	75	78	73	71	70	66	69	65	58	59	52	62	61	54	52	57	66.5
	MIN	42	48	55	39	30	26	48	37	48	51	54	55	52	56	58	50	52	53	61	41	43	33	44	42	43	40	33	39	32	26	20	43.6
FREDERICK WFMD	MAX	86	82	80	67	60	62	63	65	62	61	65	70	73	69	67	73	78	77	71	70	69	71	71	65	59	55	54	61	54	50	56	66.6
	MIN	56	54	59	47	42	32	51	44	48	53	55	55	54	57	60	50	56	58	65	53	47	37	50	49	45	45	39	45	41	31	28	48.6
PARKTON 2 SW	MAX	80	80	77	64	60	61	64	65	64	59	62	68	70	65	65	75	76	70	70	69	68	67	67	64	62	53	60	60	51	50	55	65.2
	MIN	48	51	57	41	35	30	51	42	47	49	52	55	53	52	51	50	53	56	56	46	42	37	46	45	42	40	35	40	33	28	26	44.8
ROCKVILLE	MAX																																
	MIN																																
TOWSON	MAX	81	82	80	73	61	60	70	68	61	62	65	71	73	69	69	75	79	76	73	70	69	68	74	68	64	55	62	62	55	51	51	67.6
	MIN	56	57	64	48	40	37	54	42	52	52	55	58	56	58	58	54	56	61	65	52	47	49	54	51	46	45	37	48	38	34	32	50.2
UNIONVILLE	MAX	86	79	77	68	60	64	64	63	65	61	64	70	72	68	66	74	76	74	70	69	63	70	66	58	58	52	62	61	50	51	55	65.7
	MIN	47	41	58	46	33	28	53	37	46	53	56	57	53	55	59	50	53	61	64	43	46	35	41	43	42	42	33	44	41	26	22	45.4
WESTMINSTER 2 SSE	MAX	79	81	76	67	58	62	62	66	65	59	63	69	73	66	66	76	78	71	69	67	64	69	63	59	57	49	61	62	48	49	54	64.8
	MIN	49	50	62	45	35	30	53	42	49	51	54	57	54	53	51	50	54	61	61	44	46	37	47	46	43	42	37	47	39	30	26	46.6
WHEATON REGIONAL PARK	MAX	76	78	77	78	59	64	63	64	70	63	64	69	71	71	70	73	76	77	73	69	69	71	69	66	64	60	61	61	60	50	55	67.5
	MIN	46	51	62	48	39	32	54	43	53	52	56	56	53	59	57	52	53	59	54	50	50	37	39	45	45	47	40	48	38	30	25	47.5
WOODSTOCK	MAX	80	83	77		61	65		68	64	62	65	72	75	70	68		80	75		70	65	71	69	64	59	53	63	63	51	53	57	66.8
	MIN	42	49	54		36	34		42	52	53	56	56	54	56	49			53		48	43	34	44	46	44	43	33	45	39	27	24	44.5
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	MAX	81	81	75	66	60	62	62	65	62	60	67	72	72	68	68	73	76	73	69	69	66	67	63	59	53	50	62	61	50	49	54	65.0
	MIN	51	59	63	44	35	38	49	43	49	53	54	57	53	58	58	56	60	63	60	44	44	41	49	46	41	40	38	48	40	31	28	48.2
CHEWSVILLE BRIDGEPORT	MAX	83	84	78	67	62	63	62	67	65	61	68	72	73	69	70	76	77	74	70	71	65	70	66	61	58	52	64	62	52	51	58	66.8
	MIN	42	51	62	39	35	30	48	38	48	55	55	56	52	52	55	51	60	64	65	43	48	37	50	45	41	43	38	48	40	33	23	46.7
CUMBERLAND	MAX	83	82	76	65	60	62	61	67	64	60	61	69	75	71	78	75	79	70	65	69	65	65	66	59	55	47	65	59	46	52	62	65.6
	MIN	44	48	43	33	31	31	40	40	42	51	51	51	51	53	51	51	57	58	58	38	35	35	43	38	39	34	37	42	36	26	26	42.4
CUMBERLAND POLICE BRKS	MAX	84	84	84	70	60	62	62	61	66	64	68	71	73	74	76	76	79	77	68	70	68	69	69	66	56	54	65	64	48	50	58	67.6
	MIN	42	48	48	38	32	29	47	38	40	51	53	52	53	59	59	52	59	56	60	37	46	34	44	44	37	40	33	44	38	34	22	44.2
FROSTBURG	MAX	79	80	74	64	57	57	56	63	63	59	62	72	72	71	74	73	73	73	65	65	62	70	65	62	52	47	62	56	42	46	60	63.7
	MIN	48	51	56	37	33	32	43	36	40	45	47	50	54	51	56	51	59	56	54	40	41	34	43	43	36	34	34	37	34	32	22	42.9
HAGERSTOWN	MAX	83	83	78	66	60	63	63	65	65	61	65	71	71	71	70	74	76	74	73	71	70	69	67	62	56	52	63	61	50	50	56	66.4
	MIN	51	57	63	43	38	35	48	42	48	54	54	57	55	54	58	54	60	64	61	45	47	40	51	46	41	41	37	47	40	32	28	48.1

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		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	Average
MARYLAND																																	
HANCOCK FRUIT LAB	MAX	74	82	80	69	63	58	62	62	65	62	57	65	72	71	67	73	74	76	72	66	69	64	67	63	50	55	48	60	60	47	49	64.6
	MIN	42	46	53	41	29	28	46	37	38	54	54	54	54	51	57	52	56	55	64	39	45	33	45	38	38	42	34	41	43	31	22	43.9
PICARDY	MAX	84	85	69	63	62	65	62	66	65	63	63	71	76	68	77	76	78	70	69	71	70	70	69	56	57	50	66	59	48	51	60	66.4
	MIN	49	51	60	41	31	30	45	39	40	53	51	55	51	54	54	47	61	61	57	39	42	34	48	41	40	38	35	44	38	31	25	44.7
WESTERNPORT	MAX	83	85	75	68	64	61	60	70	70	64	64	72	76	72	80	78	81	74	66	72	69	72	65	71	65	60	68	58	46	53	62	68.5
	MIN	47	48	56	44	34	33	47	42	43	47	54	56	52	54	54	52	63	58	58	39	45	35	43	45	38	42	32	42	38	36	25	45.2
WESTERNPORT UPRC	MAX	84	85	75	66	62	61	59	66	66	64	66	67	75	75		78	80	74	68	70	69	70	66	62	55	58	66	57	45	50	60	66.6
	MIN	42	48	55	40	31	30	46	39	42	46	48	55	57	53		58	61	57	44	42	38	34	44	44	36	34	32	41	34	35	23	43.0
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX	71	73	62	52	49	53	50	59	58	52	60	67	68	65	69	67	71	63	61	60	56	68	56	52	47	39	60	50	35	42	55	57.7
	MIN	47	48	52	32	26	29	42	34	41	43	45	48	52	50	50	50	58	55	49	35	37	36	38	38	34	30	32	30	29	28	23	40.0
OAKLAND 1 SE	MAX	75	74	67	60	53	57	53	62	63	57	67	67	71	72	73	71	75	72	65	62	59	72	60	53	52	41	62	52	37	46	58	61.5
	MIN	42	39	48	35	30	27	44	32	43	47	48	4	48	46	42	48	60	60	50	32	37	28	38	36	35	32	32	32	31	31	17	39.2
SAVAGE RIVER DAM	MAX	69	77	78	67	56	56	58	55	63	61	51	60	72	75	67	73	69	76	67	64	64	61	72	62	53	51	45	64	51	43	57	62.5
	MIN	40	46	47	40	31	29	32	38	38	43	50	50	50	50	53	50	53	54	60	37	38	33	33	41	36	36	32	36	36	34	25	41.0
SINES DEEP CREEK 2	MAX	73	74	65	56	52	58	53	62	64	57	67	68	70	71	75	73	75	70	65	62	58	73	58	55	51	41	63	51	39	45	56	61.3
	MIN	38	40	49	34	28	27	45	38	37	42	50	48	48	49	45	44	55	52	52	31	36	29	39	35	35	34	28	34	34	32	18	38.9
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	83	81	86	82	67	68	71	70	68	65	67	72	72	69	75	75	80	79	78	72	72	70	73	71	64	60	63	62	55	53	56	70.3
	MIN	46	56	62	51	35	31	54	45	53	51	55	53	54	53	57	53	53	55	66	52	49	38	52	50	50	44	39	42	37	33	27	48.3
NEWARK UNIVERSITY FARM	MAX	81	85	81	75	62	66	67	69	66	63	66	70	72	72	69	77	79	75	73	69	68	68	70	69	67	58	63	63	55	51	55	68.5
	MIN	50	55	56	49	36	33	55	48	51	49	54	54	56	53	56	51	53	60	65	51	49	39	51	49	49	42	37	40	37	32	28	48.0
WILMGTON NCASTLE WB AP	MAX	83	83	84	65	63	66	70	69	65	65	67	71	72	67	72	75	78	77	74	71	66	67	72	72	65	55	63	63	54	51	56	68.4
	MIN	51	60	63	44	38	37	51	48	54	52	57	55	58	54	56	54	56	62	61	53	48	42	53	53	46	44	40	45	38	33	30	49.5
WILMGTON PORTER RESVR	MAX	81	83	80	62	59	65	68	77	68	63	64	70	72	73	64	70	78	76	71	69	63	65	68	68	63	52	60	61	51	48	53	66.6
	MIN	52	57	62	45	39	37	53	48	48	49	53	53	56	54	55	51	56	59	61	54	49	43	42	51	46	42	38	44	37	34	32	48.4
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	83	85	85	72	62	68	71	67	63	66	69	76	75	73	78	80	82	82	75	70	65	72	75	75	67	56	63	61	55	52	56	70.3
	MIN	47	53	54	52	36	32	56	47	55	50	54	50	57	56	57	56	55	57	67	54	49	39	57	53	51	45	39	46	36	33	25	49.0
DOVER	MAX	84	84	88	73	62	68	71	68	67	65	68	74	76	70	75	77	79	80	75	70	69	70	74	72	66	60	64	60	54	52	56	70.0
	MIN	53	59	62	52	41	37	56	49	53	53	53	51	56	54	57	58	55	57	65	55	50	41	51	49	56	43	39	46	38	34	32	50.2
GEORGETOWN 5 SW	MAX	75	82	84	86	63	62	68	71	66	65	65	70	75	75	74	78	80	80	80	74	68	64	72	75	72	62	56	62	57	53	51	69.8
	MIN	45	53	56	55	31	29	54	46	49	55	53	50	51	55	56	56	54	55	65	57	50	36	51	52	52	45	40	46	35	29	26	48.0
LEWES 1 SW	MAX	82	81	88	69	64	67	71	66	65	65	68	71	74	70	71	76	77	77	73	68	67	69	74	73	68	58	64	60	57	54	58	69.2
	MIN	51	56	66	49	37	34	57	50	56	55	52	49	56	56	56	54	54	60	67	55	48	38	57	54	50	41	37	48	35	31	31	49.7
MILFORD 2 WSW	MAX	84	86	88	74	63	70	72	67	65	65	68	77	78	70	75	77	80	83	77	70	67	72	75	71			63	58	54	54	56	71.0
	MIN	50	55	64	52	34	29	57	47	56	55	53	49	56	54	54	56	53	56	67	55	45	37	56	51		46	38	47	35	28	34	49.0
SELBYVILLE	MAX	84	82	86	82	65	68	73	67	64	65	68	73	77	75	76	77	79	80	74	71	68	70	78	70	69	56	63	61	59	52	56	70.6
	MIN	48	55	60	54	36	32	59	46	55	58	56	51	55	54	58	52	52	56	68	56	49	39	59	55	51	43	39	49	37	32	28	49.7

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 1 AM	7 AM	1 PM	7 PM	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
BALTIMORE WB AIRPORT MD	27	2.6	8.2	32	NW	04	70	74	49	62	0	0	5	3	0	0	8	48	5.9
WILMINGTON NCASTLE WB AP DEL	25	2.4	9.4	23++	27	26+	74	78	51	67	5	2	2	0	2	0	11	-	5.8

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		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	Total or Avg.
MARYLAND																																	
* * * UPPER SOUTHERN 04																																	
BELTSVILLE	EVAP	.08	.26	.20	.15	.31	.17	-	.21	.39	.12	.04	*	.02	.12	.08	.04	.06	.10	*	*	.26	.18	.08	.16	.08	.07	.11	.20	.06	.11	.12	3.91B
	WIND	42	16	30	57	95	56	61	58	24	54	26	*	37	27	25	13	20	36	*	*	201	56	45	31	45	68	88	42	45	85	55	1438
	MAX	77	80	81	75	64	66	65	68	72	65	59	-	73	72	73	71	72	76	-	-	74	73	67	72	62	63	58	61	60	51	52	67.9
	MIN	50	55	61	53	38	36	58	50	51	55	55	-	58	60	62	60	60	60	-	-	50	46	46	52	50	58	38	40	41	39	38	50.7
UPPER MARLBORO 3 NNW	EVAP	.04	.12	.19	-	.16	.10	-	.10	.06	.04	.04	.05	.04	.06	.04	-	.17	.10	.13	.07	.07	.25	.09	.13	-	.14	.10	.16	-	.09	.17	3.23B
	WIND	21	12	36	50	64	21	33	29	16	13	5	7	12	6	10	4	9	14	42	18	25	27	39	17	25	55	47	41	23	44	27	792
	MAX	79	91	62	77	70	69	80	73	72	69	76	69	76	75	76	75	77	80	77	72	72	70	68	75	62	68	57	63	60	55	59	71.4
	MIN	49	51	58	52	42	41	57	48	45	55	55	57	59	61	60	59	57	60	64	56	49	41	46	51	50	44	39	41	38	38	37	50.3
* * * APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	EVAP	.09	.11	.05	.16	.06	.08	.03	.10	.03	.05	.03	.05	.04	.04	.04	.06	.07	.03	.02	.13	.12	.07	.11	.07	.06	.09	.09	.08	.10	.06	.04	2.16
	WIND	12	14	17	48	17	21	16	22	17	38	26	24	9	7	19	18	25	31	41	21	32	20	30	11	23	51	46	17	61	26	14	774
	MAX	70	74	75	67	69	57	59	62	60	60	64	68	70	75	66	70	74	74	67	63	62	60	62	63	54	52	52	53	55	45	47	62.9
	MIN	52	57	62	46	40	41	50	45	52	53	54	56	57	59	58	55	59	63	63	50	48	46	57	51	46	42	39	47	41	39	38	50.5
* * * ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	EVAP	.15	.02	.14	.06	.18	.10	-	.02	.09	.07	.02	.06	.05	.03	.05	.02	.00	.25	-	.19	.14	.14	.07	.12	.01	.11	.11	.02	.08	.02	.06	2.54B
	WIND	76	47	39	54	121	52	49	66	29	54	33	29	30	24	34	30	40	76	60	69	97	67	45	59	37	100	96	33	91	74	62	1773
	MAX	71	74	72	65	42	57	50	52	64	63	54	63	73	67	65	71	65	72	64	62	61	58	64	59	50	51	45	53	45	47	-	60.0
	MIN	45	53	50	42	32	36	33	45	46	48	50	53	55	55	55	56	56	56	56	44	42	40	40	44	42	39	38	37	38	38	-	45.5
DELAWARE																																	
* * * SOUTHERN 02																																	
GEORGETOWN 5 SW	EVAP	-	.26	.12	.30	.42	.17	.16	.17	.10	.08	.12	.09	*	.19	.08	.11	.14	.17	.15	.07	.16	.17	.12	.16	.00	.26	.21	.20	*	.11	.06	4.50B
	WIND	65	37	97	138	111	52	110	80	40	54	48	23	28	26	33	25	28	42	95	98	81	71	101	42	72	95	129	124	55	83	46	2129

SNOWFALL AND SNOW ON GROUND

Station		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																																
* * * APPALACHIAN MOUNTAIN 07																																
FROSTBURG	SNOWFALL																														T	
	SN ON GND																															
* * * ALLEGHENY PLATEAU 08																																
BITTINGER 2 NW	SNOWFALL																										T		T	.5		
	SN ON GND																												T			
OAKLAND 1 SE	SNOWFALL																										T		.2	.3		
	SN ON GND																													T		

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MARYLAND AND DELAWARE
OCTOBER 1968

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARTFORD	1	39 28	76 10	40	5P	5P			ROSS AVIATION INC.
ANNAPOLIS	0193	04	ANNE ARUNDEL	1	38 59	76 30	40	6P	6P		H	ARTHUR N. MILLER
ASSATEAGUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	7	6P	6P			ASSATEAGUE STATE PARK
BALTIMORE WB AIRPORT	0465	04	ANNE ARUNDEL	3	39 11	76 40	148	MID	MID		C HJ	U.S. WEATHER BUREAU
#BALTIMORE WB CITY	0470	06	BALTO CITY	3	39 17	76 37	14	MID	MID		C	U.S. WEATHER BUREAU
BELTSVILLE	0700	04	PRN. GEORGES	5	39 02	76 53	120	8A	8A	8A	C	CHESTER H. GORDON
BELTSVILLE PLANT STA 5	0705	04	PRN. GEORGES	5	39 01	76 57	100	10A	10A		C	USDA PLANT IND. STA.
BENSON POLICE BARRACKS	0732	06	HARFORD	1	39 30	76 23	365	5P	5P			MD. STATE POLICE
BITTINGER 2 NW	0881	08	GARRETT	7	39 37	79 15	2700	7P	7P		H	ELBERT E. BUCKEL
BLACKWATER REFUGE	0915	02	DORCHESTER	1	38 26	76 08	5	4P	4P			NAT. WILDLIFE REFUGE
BOONSBORO	0986	07	WASHINGTON	5	39 31	77 39	735	6P	6P	6P		J. HOWARD BECKENBAUGH
BOYDS 2 NW	1032	06	MONTGOMERY	5	39 13	77 20	580	6P	6P			HUNTER F. STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	330		8A			WASH. SUB. SANY. COMM.
BROOKDALE	1170	06	MONTGOMERY	5	38 57	77 06	260		7P		H	B. FRANCIS DASHIELL
CAMBRIDGE 4 W	1385	02	DORCHESTER	1	38 34	76 09	5	6P	6P		H	D ARCY MC B. HARDING
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	5	39 39	77 27	1750	4P	4P			CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P	6P			MARION G. LEIBY
CHARLOTTE HALL SCHOOL	1686	03	ST MARYS	4	38 29	76 47	166	4P	4P			CHARLOTTE HALL SCHOOL
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	35	11P	11P		H	T. W. ELIASON, JR.
CHEWSVILLE BRIDGEPORT	1790	07	WASHINGTON	5	39 38	77 41	560	SS	SS			D. PAUL OSWALD
CLARKSVILLE 3 NNE	1862	06	HOWARD	4	39 15	76 56	365	5P	5P			UNIVERSITY OF MARYLAND
COLEMAN 3 WNW	1980	05	KENT	1	39 21	76 08	78	6P	6P			W. B. HARRIS
COLLEGE PARK	1995	04	PRN. GEORGES	5	38 59	76 56	70	5P	5P		C H	U.S. GEOL. SURVEY
CONOWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	11P	11P		H	SUSQUEHANNA ELETRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	5P	5P			SOMERS COVE MARINA
CUMBERLAND	2280	07	ALLEGANY	5	39 39	78 45	900	6P	7A		H	KEITH E. THOMAS
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	5	39 38	78 50	970	5P	5P			MD. STATE POLICE
DENTON 1 WNW	2523	02	CAROLINE	1	38 54	75 51	40	6P	6P		H	WAYNE A. CAWLEY
EASTERN NECK ISLAND	2691	05	KENT	1	39 01	76 14	20	5P	5P			EASTERN NECK WLDLF REF
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	5P	5P			MARYLAND STATE POLICE
EDGEMONT	2770	07	WASHINGTON	5	39 40	77 33	905		8A			LEE G. HARNE
ELKTON	2860	06	CECIL	1	39 36	75 50	28	6P	6P			H. W. BOUCHELLE
EMMITSBURG 2 SE	2906	06	FREDERICK	5	39 41	77 18	416	5P	5P		H	MRS. LUCILLE K. BEALE
FORT GEORGE G MEADE	3230	04	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P		H	FILTRATION PLANT
FREDERICK WFMD	3350	06	FREDERICK	5	39 25	77 28	435	6P	6P		H	RADIO STATION WFMD
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385		8A			MISS I. MARY STALEY
FROSTBURG	3410	07	ALLEGANY	5	39 39	78 56	2040	5P	5P		H	DAVID N. SHIVER
GLENN DALE BELL STA	3675	04	PRN. GEORGES	4	38 58	76 48	150	4P	4P		H	PLANT INTRO. GARDEN
GRANTSVILLE	3795	08	GARRETT	7	39 42	79 09	2380				C	MRS. FANNIE B. MILLER
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	660	6P	6P		H	HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	8A	8A		C H	U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	03	CHARLES	5	38 32	77 00	140	5P	5P		H	C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN. GEORGES	4	39 06	76 54	400	5P	7A			WASH. SUB. SANY. COMM.
LEONARDTOWN 3 NW	5201	03	ST. MARYS	5	38 19	76 40	40	5P	5P		C H	RADIO STATION WKIK
LOCH RAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190		5P			CITY OF BALTIMORE
MERRILL	5894	08	GARRETT	5	39 36	79 05	1790		8A			DELWOOD E. MERRILL
MILLINGTON	5985	05	KENT	1	39 16	75 51	30	6P	6P		H	LOUIS H. HOLLETT
NEW GERMANY	6408	08	GARRETT	5	39 38	79 07	2590				C	ARCHIE BITTINGER
OAKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	5P	5P		H	LOGAN WEBER
OWINGS FERRY LANDING	6770	03	CALVERT	4	38 41	76 40	160	5P	5P		H	JAMES E. BOURNE, JR.
MARYLAND												
PARKTON 2 SW	6844	06	BALTIMORE	1	39 38	76 42	600	11P	11P		C H	JOHN R. FOX
PERRY POINT	6980	06	CECIL	1	39 33	76 04	40				C	VETERANS ADMINISTRATION
PICARDY	7010	07	ALLEGANY	5	39 33	78 30	1030	6P	6P			POTOMAC HLND. ORCHARD
POCOMOKE CITY 1 S	7140	01	WORCESTER	1	38 03	75 34	20	5P	5P		H	RADIO STATION WDMV
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270		8A			WASH. SANITARY COMM.
PRESTON 1 S	7310	02	CAROLINE	1	38 42	75 55	50	6P	6P		H	FRANKLIN D. NUSBAUM
PRINCE FREDERICK	7325	03	CALVERT	1	38 32	76 35	140	5P	5P			BOYD KING
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P	5P		H	MARYLAND ST COLLEGE FRM
ROCKVILLE	7705	06	MONTGOMERY	5	39 05	77 08	380	4P	4P			DEPT OF PUBLIC WORKS
ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	5P	5P		H	J. L. SWAINE, JR.
SALISBURY	8000	01	WICOMICO	1	38 22	75 35	10	5P	5P			CITY OF SALISBURY
#SALISBURY FAA AIRPORT	8005	01	WICOMICO	1	38 20	75 30	48	MID	MID		H	FED. AVIATION AGENCY
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A	8A	C H	U. S. CORPS OF ENGINEER
SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040				C	PA. ELECTRIC CO.
SINES DEEP CREEK 2	8320	08	GARRETT	7	39 32	79 25	2040	7P	7A			MRS THELMA REAM
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	6P	6P		H	CURTIS E. SHOCKLEY
SOLOMONS	8405	03	CALVERT	1	38 19	76 27	12	6P	6P			CHESAPEAKE BIOL. LAB.
SUITLAND	8656	04	PRN. GEORGES	5	38 51	76 56	280	9A	9A			EUGENE H. BROWN
TOWSON	8877	06	BALTIMORE	3	39 23	76 34	390	6P	6P			BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	6P	6P		C H	G. P. VON EIFF, JR.
UPPER MARLBORO 3 NNW	9070	04	PRN. GEORGES	4	38 52	76 47	98	8A	8A	8A		TOBACCO EXP. FARM
VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P	6P			DELMERVE POWER + LIGHT
WALDORF POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	5P	5P			MD. STATE POLICE
WESTERNPORT	9405	07	ALLEGANY	5	39 29	79 03	1000	6P	6P			NORRIS BRUCE
WESTERNPORT UPRC	9409	07	ALLEGANY	5	39 29	79 03	950	6P	6P			UPPER POTOMAC RIVER COM
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	810	6P	7A		H	L. EUGENE PURDUM
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P	5P			PARK + PLANNING COMM.
WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360		7A			HAGERSTOWN WTR. PLANT
WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	415	6P	6P		H	WOODSTOCK COLLEGE
DISTRICT OF COLUMBIA												
DALECARLIA RESVR D C	2325	04		5	38 56	77 07	146	5P	5P			CORPS OF ENGINEERS
NATIONAL ARBORETUM D C	6350	04		5	38 54	76 58	50	4P	4P			U.S. NAT. ARBORETUM
U. S. SOLDIERS HOME DC	9035	04		5	38 56	77 01	230	MID	MID			U.S. SOLDIERS HOME
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P		H	WILLIAM RaY
DOVER	2730	02	KENT	2	39 09	75 31	25	4P	4P		H	STATE HIGHWAY DEPT.
GEORGETOWN 5 SW	3570	02	SUSSEX	1	38 38	75 27	45	8A	8A	8A	C H	UNI. AGRI. EXP. STA.
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID			FREDERICK O. VOGL
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P		H	PIONEER HI-BRED CORN CO
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	5P	5P			MRS BERNARD FRANKEL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	6P	6P	6P	C H	UNIV. OF DELAWARE
SELBYVILLE	8269	02	SUSSEX	2	38 28	75 13	32	5P	5P			L. WIRRIE LONG
WILMGTON NCASTLE WB AP	9595	01	NEW CASTLE	2	39 40	75 36	74	MID	MID		C HJ	U.S. WEATHER BUREAU
WILMGTON PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID		H	WATER DEPARTMENT

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

REFERENCE NOTES

MARYLAND AND DELAWARE
OCTOBER 1968

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the Environmental Science Services Administration 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 the 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.

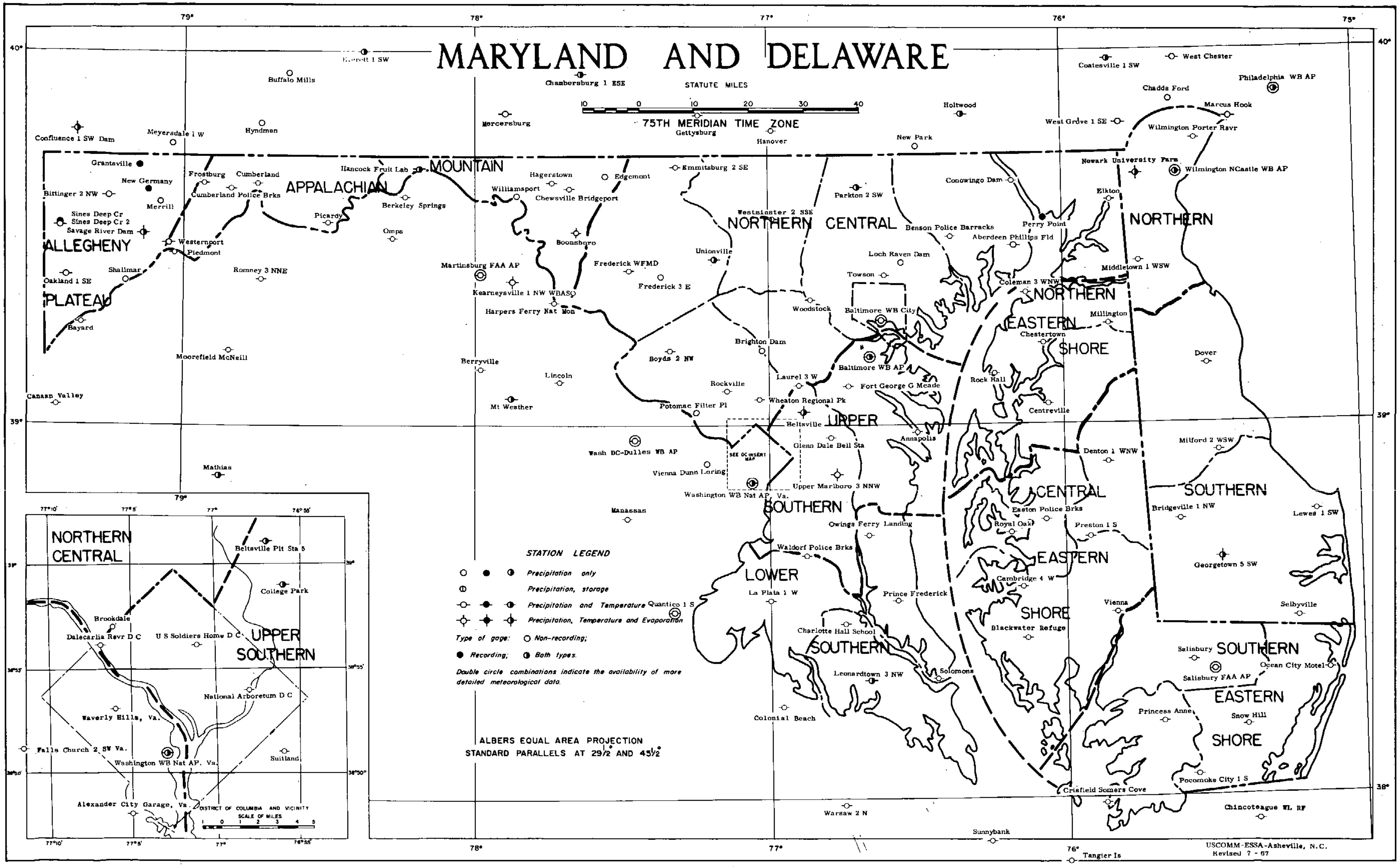
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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

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

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE- 11/27/68-810



MARYLAND AND DELAWARE
STATUTE MILES
10 0 10 20 30 40
75TH MERIDIAN TIME ZONE
ALLEGHENY
PLATEAU
APPALACHIAN
MOUNTAIN
NORTHERN CENTRAL
UPPER
SOUTHERN
LOWER
SOUTHERN
NORTHERN
EASTERN
SHORE
CENTRAL
EASTERN
SHORE
SOUTHERN
EASTERN
SHORE
NORTHERN
SOUTHERN
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: Non-recording;
Recording; Both types.
Double circle combinations indicate the availability of more detailed meteorological data.
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
Confluence 1 SW Dam
Meyersdale 1 W
Hyndman
Buffalo Mills
Chambersburg 1 ESE
Mercersburg
Gettysburg
Hanover
New Park
Holtwood
West Grove 1 SE
Coatesville 1 SW
West Chester
Philadelphia WB AP
Chadds Ford
Marcus Hook
Wilmington Porter Resvr
Grantsville
New Germany
Bittinger 2 NW
Merrill
Frostburg
Cumberland
Cumberland Police Brks
Hancock Fruit Lab
Hagerstown
Edgemont
Emmitsburg 2 SE
Williamsport
Chewsville Bridgeport
Berkeley Springs
Picardy
Sines Deep Cr
Sines Deep Cr 2
Savage River Dam
Westernport
Piedmont
Oakland 1 SE
Shallmar
Romney 3 NNE
Bayard
Moorefield McNeill
Canaan Valley
Omps
Boonsboro
Martinsburg FAA AP
Kearneysville 1 NW WBASO
Harpers Ferry Nat Mon
Frederick WFMD
Frederick 3 E
Unionville
Westminster 2 SSE
Parkton 2 SW
Conowingo Dam
Newark University Farm
Wilmington NCastle WB AP
Elkton
Perry Point
Benson Police Barracks
Aberdeen Phillips Fld
Loch Raven Dam
Towson
Middletown 1 WSW
Coleman 3 WNW
Woodstock
Baltimore WB City
Millington
Chestertown
Brighton Dam
Boyds 2 NW
Baltimore WB AP
Berryville
Lincoln
Rockville
Laurel 3 W
Fort George G Meade
Rock Hall
Dover
Wheaton Regional Pk
Mt Weather
Potomac Filter Pl
Beltsville
Centreville
Annapolis
Glenn Dale Bell Sta
Milford 2 WSW
Wash DC-Dulles WB AP
Denton 1 WNW
Mathias
Vienna Dunn Loring
Upper Marlboro 3 NNW
Washington WB Nat AP, Va.
Manassas
Easton Police Brks
Bridgeville 1 NW
Lewes 1 SW
Owings Ferry Landing
Royal Oak
Preston 1 S
Waldorf Police Brks
Georgetown 5 SW
Cambridge 4 W
La Plata 1 W
Prince Frederick
Quantico 1 S
Vienna
Selbyville
Blackwater Refuge
Charlotte Hall School
Salisbury
Ocean City Motel
Salisbury FAA AP
Solomons
Leonardtown 3 NW
Princess Anne
Snow Hill
Colonial Beach
Pocomoke City 1 S
Crisfield Somers Cove
Chincoteague WL RF
Warsaw 2 N
Sunnybank
Tangier Is
USCOMM-ESSA-Asheville, N.C.
Revised 7 - 67
SEE DC INSERT MAP
NORTHERN
CENTRAL
UPPER
SOUTHERN
Beltsville Plt Sta 5
College Park
Brookdale
Dalecarlia Resvr D C
U S Soldiers Home D C
National Arboretum D C
Waverly Hills, Va.
Falls Church 2 SW Va.
Washington WB Nat AP, Va.
Suitland
Alexander City Garage, Va.
DISTRICT OF COLUMBIA AND VICINITY
SCALE OF MILES
40°
39°
38°
79°
78°
77°
76°
75°