

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

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JANUARY 1963
Volume 67 No. 1



ASHEVILLE: 1963

MARYLAND AND DELAWARE - JANUARY 1963

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 65° on the 14th at Waldorf Police Barracks, Md.

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

Greatest Total Precipitation: 3.10 inches at Crisfield Hammock Point, Md.

Least Total Precipitation: 0.65 inch at Luke, Md.

Greatest One-Day Precipitation: 1.00 inch on the 27th at 2 stations

Greatest Reported Total Snowfall: 14.1 inches at Sines Deep Creek, Md.

Greatest Reported Depth of Snow on Ground: 13 inches on the 5+ at Bittering 2 NW, Md.

SPECIAL WEATHER SUMMARY

While not averaging quite as cold as 2 years ago, temperatures were well below normal resulting in many frozen water pipes and fires due to overheated stoves and chimneys. Especially cold were the mornings of the 24th and 29th. Friendship Airport on the 29th had the coldest since the station was established in 1950, -7°. Baltimore City on the 24th was the coldest since 1936, -4°. In western Maryland it is necessary to go back to 1925 or 1934 to find colder temperatures. Unofficial readings were as cold as -34° on the 24th. At Frostburg, only February 10, 1899, with -22°, was colder than the -16° on the 24th. The coldest air did not reach southern and eastern Maryland and Delaware, where temperatures were not as cold as in 1961. Ice was a definite factor to contend with in navigating the upper Chesapeake Bay.

Thunderstorms were widespread from a Parkton-Washington, D. C. - La Plata line eastward on the morning of the 12th. Lightning struck the Queen Annes County office building at Centreville about 5:20 a.m. and the resulting fire did \$200,000 damage. Thunder was also reported at Salisbury on the evening of the 23d.

A. Delbert Peterson
Weather Bureau State Climatologist
WBAS Friendship Int'l AP
Baltimore 40, Maryland

1962 ANNUAL

The 1962 Annual issue of this bulletin for this section will be published a few months later than usual this year.

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JANUARY 1963

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.	Min.	Total	Max. Depth on Ground					Date	10 or More	.50 or More	1.00 or More		
MARYLAND																							
SOUTHERN EASTERN SHORE																							
CRISFIELD HAMMOCK PT	40.8	26.2	33.5	- 5.8	56	12	11	29+	967	0	4	24	0	3.10	- .46	.70	20	2.5	2	31	10	2	0
OCEAN CITY WATER PLANT	39.8	26.8	33.3		55	20	9	24	972	0	4	22	0	2.84		1.00	27	1	1	26+	7	2	1
POCOMOKE CITY 1 S	43.8	23.3	33.6		61	11	5	25	967	0	4	24	0	2.33		.75	20	1.8	2	31	8	1	0
PRINCESS ANNE	44.0	24.5	34.3		61	11	6	29	947	0	4	25	0	2.74		.77	20	4.0	4	31	8	2	0
SALISBURY	43.9	25.2	34.6		62	11	8	24	936	0	3	24	0	2.79	- .87	.74	20	3.0	2	31	8	2	0
SALISBURY FAA AIRPORT	41.3	24.2	32.8		63	11	7	25	992	0	6	24	0	2.83		.46	19	2.0	2	31	9	0	0
SNOW HILL	44.3	23.5	33.9	- 4.2	63	11	7	29	957	0	3	23	0	2.94	- 1.00	.77	20	4.0	3	31	9	2	0
DIVISION			33.7	- 4.6										2.80	- .83			2.5					
CENTRAL EASTERN SHORE																							
BLACKWATER REFUGE	39.8	23.8	31.8		56	12+	- 2	24	1020	0	7	25	1	2.59		.97	20	3.0	0		5	2	0
CAMBRIDGE 4 W	41.6	24.0	32.8		60	11	3	29	991	0	4	24	0	2.46		.59	27	1.0	3	2+	7	2	0
DENTON	41.4	22.4	31.9		57	20	3	29	1020	0	4	25	0	2.97		.65	27	1.5	1	31+	8	3	0
EASTON POLICE BARRACKS	42.1	24.0	33.1	- 3.5	59	11	5	29	984	0	4	24	0	2.47	- 1.00	1.00	27	.5	1	31	7	1	1
PRESTON 1 S	41.3	24.3	32.8		57	11	6	29+	992	0	5	25	0	2.25		.49	20	3.0	2	2+	7	0	0
ROYAL OAK	41.4	24.3	32.9		58	11	6	24	991	0	4	25	0	2.16		.54	27	2.0	1	5+	7	2	0
VIENNA	42.4	23.3	32.9		58	11	7	29+	988	0	5	24	0	2.06		.72	20	3.0	3	31	7	1	0
DIVISION			32.6	- 4.3										2.42	- 1.12			2.0					
LOWER SOUTHERN																							
CHARLOTTE HALL 1 ESE	41.3M	23.0M	32.2M		62	12	4	29+	1011	0	5	25	0	1.54		.48	27	1	2	5+	6	0	0
LA PLATA 1 W	43.1	22.5	32.8		62	11	0	29	992	0	4	24	1	2.01		.45	27	.8	5	1	7	0	0
LEONARDTOWN 3 NW	44.0	22.6	33.3		62	11	0	29	973	0	3	25	1	1.94		.48	20	.7	1	1	7	0	0
OWINGS FERRY LANDING	42.4	24.4	33.4	- 3.6	60	20+	2	29	970	0	4	23	0	1.95	- 1.53	.49	27	2.0	5	3+	5	0	0
PRINCE FREDERICK	42.7M	22.8M	32.8M		61	20	2	29	991	0	4	25	0	2.11		.55	27	1.0	4	1	7	1	0
SOLOMONS	41.7	27.1	34.4	- 4.1	60	20+	8	24	942	0	4	23	0	2.00	- 1.55	.45	27+	1.0	1	3+	8	0	0
WALDORF POLICE BRKS	46.8	18.8	32.8		65	14	0	29	992	0	1	28	1	1.33		.50	23	2.0	3	1	4	1	0
DIVISION			33.1	- 4.2										1.84	- 1.73			1.1					
UPPER SOUTHERN																							
ANNAPOLIS 2 WNW	39.8M	20.3M	30.1M	- 6.0	56	11	2	24	1074	0	4	29	0										
BALTIMORE WB AIRPORT R	38.0	19.5	28.8	- 6.0	58	20	- 7	29	1114	0	7	27	1	1.84	- 1.59	.43	12	3.7	3	28+	6	0	0
BELTSVILLE	37.7	16.6M	27.2M		59	21	-11	29	1163	0	9	28	4	1.47		.50	12	3.5	6	1	3	1	0
BELTSVILLE PLANT STA 5	38.3	17.0	27.7		58	21	- 9	29	1148	0	8	29	1	1.86		.60	12	4.0	6	2+	6	1	0
DALECARLIA RESERVOIR DC	40.9	20.7	30.8		59	20	1	29+	1054	0	5	29	0	1.43		.40	26				5	0	0
FORT GEORGE G MEADE	41.3	19.3	30.3		60	20	-10	29	1069	0	5	29	2	1.92		.48	12	2.0	3	1	6	0	0
GLENN DALE BELL STA	42.7	19.3	31.0	- 4.1	60	20	- 6	29	1048	0	4	26	1	1.65	- 1.78	.51	27	4.0	6	3+	4	1	0
LAUREL 3 W	40.5	23.4	32.0		57	10	1	24	1017	0	6	26	0	1.19		.45	12				4	0	0
NATIONAL ARBORETUM D C	42.2	23.6	32.9		60	20	2	29+	988	0	4	26	0	1.43		.51	12	3.9			3	1	0
U S SOLDIERS HOME D C	38.5	21.5	30.0		58	20	- 1	24	1079	0	6	27	1	2.18		.50	12	2.9	3	1	9	1	0
UPPER MARLBORO 3 NNW	39.2	19.1	29.2		61	21	- 5	29	1104	0	8	27	1	2.23		.72	27	2.8	3	31	7	2	0
WASHINGTON WB CITY DC R	41.9	26.3	34.1		60	20	5	24	951	0	5	23	0	1.96		.47	26				5	0	0
DIVISION			30.3	- 5.3										1.74	- 1.58			3.4					
NORTHERN EASTERN SHORE																							
CENTREVILLE	40.4	22.8	31.6		57	21+	1	29	1029	0	5	25	0	2.68		.84	27	3.5	4	1	6	1	0
CHESTERTOWN	38.5	22.0	30.3		56	20	3	29	1069	0	5	26	0	2.20		.55	12	4.5	4	26+	7	2	0
COLEMAN 3 WNW	38.5	22.8	30.7	- 4.6	50	20+	1	29	1057	0	4	27	0	2.01	- 1.60	.70	27	5.0	7	2+	4	1	0
MILLINGTON	40.0	20.7	30.4	- 5.0	55	21+	- 2	29	1068	0	4	26	1	2.30	- 1.35	.75	27	3.5	3	30+	5	3	0
ROCK HALL 3 SE	38.9	22.0	30.5	- 4.9	54	21	3	29	1064	0	4	27	0	2.00	- 1.43	.59	27	4.6			4	2	0
DIVISION			30.7	- 4.8										2.24	- 1.36			4.2					
NORTHERN CENTRAL																							
BALTIMORE WB CITY R	38.6	24.8	31.7	- 5.6	55	10	4	24	1023	0	5	25	0	1.78	- 1.65	.49	12				6	0	0
BENSON POLICE BARRACKS	38.6	17.4	28.0		52	10	- 6	29	1138	0	5	30	2	1.80		.32	20+	3.1	5	2+	6	0	0
BOYDS 2 NW	38.3	19.8	29.1		55	20	- 3	29	1108	0	7	29	2	2.04		.45	3	6.4			7	0	0
CONOWINGO DAM	37.3	18.3	27.8		55	17+	- 4	29	1145	0	8	29	1	1.65		.47	12	4.0	4	31+	6	0	0
EDGEWOOD ARSENAL	36.5	19.7	28.1		47	10	- 3	29	1137	0	7	28	1	1.71		.47	12	4.5	4	26+	7	0	0
ELKTON	38.8	20.7	29.8	- 4.0	50	17+	- 2	29	1085	0	7	27	1	1.87	- 1.59	.54	27	6.8	4	1	5	2	0
EMMITSBURG 2 SE	36.5	15.6	26.1		49	17	-17	29	1198	0	8	30	2	1.93		.45	12	7.5	6	27	7	0	0
FREDERICK WB AIRPORT R	35.2	15.8	25.5	- 7.4	50	10	-10	29	1217	0	10	29	2	1.89	- 1.09	.47	12	5.2	5	2+	6	0	0
PARKTON 2 SW	35.7	16.8	26.3		55	10	- 5	29	1193	0	9	28	3	1.75		.41	12	9.2	7	1	7	0	0
ROCKVILLE	39.2	22.0	30.6		56	21+	0	24	1061	0	8	26	1	1.06		.49	20	4.0	6	2+	4	0	0
TOWSON	39.5	18.2M	28.9M		55	10	- 5	29	1108	0	5	30	4	1.84	- 1.69	.51	12				5	1	0
UNIONVILLE	36.4	15.1	25.8		52	10	-17	29	1208	0	7	30	4	1.74		.38	27+	3.1			6	0	0
WESTMINSTER	35.4	18.6	27.0	- 6.1	54	10	- 7	29	1173	0	11	29	3	2.09	- 1.27	.62	12	5.5	8	2+	6	1	0
WHEATON REGIONAL PARK	39.4	17.9	28.7		57	10	- 8	29	1117	0	7	29	2	1.69		.45	12	2.2	10	1	5	0	0
WOODSTOCK	38.6	18.0	28.3	- 5.5	57	10	-11	29	1130	0	6	29	2	1.47	- 1.75	.50	12	3.0	8	4+	6	1	0
DIVISION			28.1	- 5.6										1.75	- 1.55			4.7					
APPALACHIAN MOUNTAIN																							
BOONSBORO	38.2	21.2	29.7		59	10	- 4	24	1084	0	10	26	2	1.50		.38	27	4.8	9	5+	6	0	0
CHEWSVILLE BRIDGEPORT	37.1	18.3	27.7	- 4.7	55	10	-11	29	1149	0	10	28	2	1.76	- .74	.45	12	7.1	9	1	7	0	0
CUMBERLAND	38.9	18.3	28.6		58	10	- 9	24	1120	0	10	27	2	1.12		.51	12	3.0	5	2+	4	1	0
CUMBERLAND POLICE BRKS	38.3	16.4	27.4		59	11	-12	29	1157	0	10	28	2	1.11		.53	12	3.5	7	1	4	1	0
FROSTBURG	35.6	14.0	24.8	- 6.0	58	12+	-16	24	1236	0	12	29	7	1.08	- 2.08	.38	27	4.0	9	3+	4	0	0
HAGERSTOWN	37.3	19.5	28.4		52	10	- 5	29	1125	0	10	29	2	1.96		.62	12	4.5	2	27+	6	1	0
HANCOCK FRUIT LAB	36.5	16.9	26.7		55	21	-17	29	1181	0	11	27	2	1.46	- 1.27	.48	12	4.5	5	6+	6	0	0
PICARDY	39.2	18.2	28.7		60	10	- 9	24	1116	0	9	28	1	.90		.30	27	4.0	6	5+	5	0	0

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JANUARY 1963

CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
ALLEGHENY PLATEAU																							
BITTINGER 2 NW	32.8M	11.7M	22.3M		54	11	-23	24	1318	0	15	28	6	1.41		.30	12	12.9	13	5+	6	0	0
OAKLAND 1 SE	34.6	9.7	22.2	- 7.0	57	11	-27	29	1320	0	12	29	7	1.34	- 3.04	.33	12	9.5	5	28+	6	0	0
SAVAGE RIVER DAM	34.7	13.5	24.1		56	11	-25	24	1263	0	13	29	5	.72		.35	12		4	2+	2	0	0
SINES DEEP CREEK	33.9	9.9	21.9	- 6.3	55	12	-20	30	1327	0	11	30	8	1.83	- 2.51	.44	12	14.1	11	28	6	0	0
DIVISION			22.6	- 5.7										1.33	- 2.72			12.2					
DELAWARE																							
NORTHERN																							
NEWARK UNIVERSITY FARM	37.3	20.0	28.7		50	10	- 2	29	1120	0	7	28	1	1.93		.54	27+	2.5	3	27	5	2	0
WILMGTN NCASTLE WB AP	36.4	20.3	28.4	- 5.0	49	10	1	29	1130	0	8	27	0	2.05	- 1.35	.67	12	5.2	4	31+	7	1	0
WILMINGTON PORTER RESVR	35.5	20.7	28.1		48	20	0	24	1134	0	9	27	1	1.88	- 1.59	.55	12	4.5	4	26	6	1	0
DIVISION			28.4	- 5.5										1.95	- 1.53			4.1					
SOUTHERN																							
BRIDGEVILLE 1 NW	41.7	23.4	32.6	- 3.9	58	20+	4	29	1000	0	5	25	0	2.81	- .73	.75	20	1.0	1	31+	6	2	0
DOVER	40.4	23.1	31.8	- 4.6	57	21+	5	24	1023	0	5	25	0	2.24	- 1.46	.74	27		2	30+	5	3	0
GEORGETOWN 5 SW	42.8	23.1	33.0		60	11	1	25	986	0	5	25	0					3.0	2	31			
LEWES 1 SW	42.0	24.4	33.2		62	11	7	24	979	0	5	24	0	2.75		.45	19	1.2	1	31	9	0	0
MILFORD 3 WNW	41.8M	22.8M	32.3M		58	20	5	29+	1002	0		27	0	1.92		.67	20				5	2	0
SELBYVILLE	43.2	23.3	33.3		62	12	4	25	977	0	4	25	1	2.75		.79	27	.3	T	24+	9	2	0
DIVISION			32.7	- 4.1										2.49	- 1.27			1.4					

See reference notes following Station Index.

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JANUARY 1963

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	
MARYLAND																																	
ANNAPOLIS 2 WNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALTIMORE WB AIRPORT	1.84	-	-	T	-	-	T	-	-	-	-	.05	.43	.20	-	-	-	T	-	.24	.30	T	-	.10	-	-	.38	.09	-	-	.02	.03	
BALTIMORE WB CITY	1.78	-	-	-	-	-	-	-	-	-	-	.04	.49	.18	-	-	-	-	-	.24	.23	-	.09	.38	.10	-	-	-	-	-	.01	-	
BELTSVILLE	1.47	-	-	-	-	-	-	-	-	-	-	.50	.08	-	-	-	-	-	-	-	.35	.05	.05	.38	.41	-	-	-	-	-	.08	-	
BELTSVILLE PLANT STA 5	1.86	-	-	-	-	-	-	-	-	-	-	.60	.15	.10	-	-	-	-	-	-	.34	.05	.06	.46	.46	-	-	-	-	-	.10	-	
BENSON POLICE BARRACKS	1.80	-	-	-	-	-	-	-	-	-	-	.32	.21	-	-	-	-	-	-	.32	.08	.07	.08	T	.12	.28	-	-	.28	.04	-	-	
BITTINGER 2 NW	1.41	.03	-	-	-	-	T	-	-	-	-	.15	.30	.19	-	-	-	-	.03	.12	.20	T	.20	T	.09	.24	T	-	.08	.01	-	-	
BLACKWATER REFUGE	2.59	-	-	-	-	-	-	-	-	-	-	.03	.36	.97	-	-	-	-	-	.03	.40	.09	T	.16	.70	-	-	D	.05	-	-		
BOONSBORO	1.50	-	-	T	-	-	-	-	-	-	-	.15	.34	.19	-	-	-	-	-	.02	.19	.22	T	.15	.01	.38	-	-	-	-	-	-	
BOYDS 2 NW	2.04	-	.45	-	-	-	-	-	-	-	-	.25	.31	.34	-	-	-	-	-	-	.25	-	.15	.04	.25	-	-	-	-	T	-	-	
BRIGHTON DAM	1.64	-	-	-	-	-	-	-	-	-	-	.63	.06	.12	-	-	-	-	-	.31	.06	T	T	.43	-	-	-	-	.03	.03	-	-	
BROOKDALE	1.60	-	-	-	-	-	T	-	-	-	-	.42	.28	-	-	-	-	T	.01	.38	.06	.03	.02	.04	.26	-	-	.03	.07	-	-	-	
CAMBRIDGE 4 W	2.46	-	-	-	-	-	-	-	-	-	-	.40	.50	.17	-	-	-	.18	.12	.40	.04	.04	T	.59	.38	-	-	.38	.08	-	-	-	
CENTREVILLE	2.68	-	-	T	-	-	-	-	-	-	-	.40	.47	.22	-	-	-	.05	.03	.38	.24	T	.03	T	.84	-	-	.02	-	-	-	-	
CHARLOTTE MALL 1 ESE	1.54	-	-	T	-	-	-	-	-	-	-	.10	.25	.25	-	-	-	-	.12	.30	-	-	T	T	.48	-	-	-	-	-	-	-	
CHESTERTOWN	2.20	-	-	-	-	-	T	-	-	-	-	.06	.55	.21	-	-	-	T	.06	.10	.27	.16	.07	.53	.17	-	-	.02	T	-	-	-	
CHEWSVILLE BRIDGEPORT	1.76	-	-	T	-	-	-	-	-	-	-	.21	.45	.25	-	-	-	-	-	.25	.10	.03	.32	.15	-	-	-	-	-	-	-	-	
COLEMAN 3 WNW	2.01	-	-	-	-	-	-	-	-	-	-	.44	.23	-	-	-	-	.07	.03	.40	.09	T	.16	.70	-	-	D	.05	-	-	-	-	
COROWINGO DAM	1.65	-	-	-	-	-	-	-	-	-	-	.05	.47	.16	-	-	-	-	T	.09	.18	-	.16	.38	.16	-	-	-	-	-	-	-	
CRISFIELD HAMMOCK PT	3.10	-	-	-	-	-	-	-	.05	-	-	.10	.20	.10	-	-	-	-	.40	.05	.70	.38	.15	.02	.50	-	-	.05	.25	.15	-	-	
CUMBERLAND	1.12	-	-	-	-	-	T	-	-	-	-	.10	.51	.09	-	-	-	-	-	.10	.51	.09	.01	.31	T	-	-	-	-	-	-	-	
CUMBERLAND POLICE BRKS	1.11	-	-	-	-	-	-	-	-	-	-	.18	.53	-	-	-	-	-	-	.15	.36	.05	T	.25	-	-	-	.02	.11	-	-	-	
DALECARLIA RESERVOIR DC	1.43	-	-	-	-	-	-	-	-	-	-	.06	.10	.28	-	-	-	-	.12	T	.36	.05	.05	.40	.65	-	-	.14	.05	-	-	-	
DENTON	2.97	-	-	-	-	-	-	-	-	-	-	.56	.45	.10	-	-	-	-	-	.61	.25	.01	.09	T	1.00	-	-	.12	.08	-	-	-	
EASTON POLICE BARRACKS	2.47	-	-	-	-	-	-	-	-	-	-	.35	.10	-	-	-	-	-	.14	.02	.45	.21	T	T	.44	-	-	-	-	-	-	-	
EDGEHOMT	1.99	-	-	-	-	-	-	-	-	-	-	.04	.62	.15	.06	-	-	-	-	.34	.19	.02	.11	.37	.12	-	-	.01	-	-	-	-	
EDGEWOOD ARSENAL	1.71	-	-	-	-	-	-	-	-	-	-	.05	.43	.19	.06	-	-	.02	-	.16	.19	.02	.11	.09	.37	.12	-	.01	-	-	-	-	
ELKTON	1.87	-	-	-	-	-	-	-	-	-	-	T	.51	.16	-	-	-	.06	.32	.32	.02	.11	.09	.37	.12	-	-	.06	-	-	-	-	
EMMITSBURG 2 SE	1.93	-	-	-	-	-	-	-	-	-	-	.14	.45	.18	-	-	-	-	.03	.34	.18	.29	.15	T	.35	-	-	T	-	-	-	-	
FORT GEORGE G MEADE	1.92	-	-	-	-	-	-	-	-	-	-	.04	.46	.24	-	-	-	-	T	.01	.40	.12	.08	.05	.40	-	-	.10	T	-	-	-	
FREDERICK WB AIRPORT	1.89	-	-	-	-	-	-	-	-	-	-	.32	.47	.33	-	-	-	-	-	.15	.05	.21	.21	.34	.02	-	-	T	-	-	-	-	
FREDERICK 3 E	1.84	-	-	-	-	-	-	-	-	-	-	.71	.22	.06	-	-	-	-	-	.23	.23	.20	.20	.42	-	-	-	T	-	-	-	-	
FROSTBURG	1.08	-	-	-	-	-	-	-	-	-	-	.17	.36	T	.06	-	-	-	-	.12	.12	T	T	.38	-	-	-	-	.05	-	-	-	
GLENN DALE BELL STA	1.65	-	-	-	-	-	-	-	-	-	-	.04	.42	.21	-	-	-	-	.03	.32	.03	.03	.04	.10	.40	-	-	T	-	-	-	-	
HAGERSTOWN	1.96	-	-	-	-	-	-	-	-	-	-	.20	.42	.19	-	-	-	-	T	.41	.04	.04	.10	.40	-	-	-	T	-	-	-	-	
HANCOCK FRUIT LAB	1.46	-	-	-	-	-	-	-	.01	-	-	.18	.48	.15	-	-	-	-	-	.10	.10	.22	.10	.44	-	-	-	T	-	-	-	-	
LA PLATA 1 W	2.01	-	-	-	-	-	-	-	-	-	-	.05	.36	.25	T	-	-	-	.11	.03	.31	.22	.04	.02	.01	.45	-	.12	.04	-	-	-	
LAUREL 3 W	1.19	-	-	-	-	-	-	-	-	-	-	.45	.06	-	-	-	-	-	-	.48	.17	.15	.03	.41	-	-	.10	-	-	-	-	-	
LEONARDTOWN 3 NW	1.94	-	-	-	-	-	-	-	-	-	-	.08	.29	.17	-	-	-	-	.14	.48	.17	.15	.03	.41	-	-	.11	.04	-	-	-	-	
LOCH RAVEN DAM	2.04	-	-	-	-	-	-	-	-	-	-	.07	.58	.18	-	-	-	-	-	.43	.17	.20	.20	.50	-	-	-	.08	-	-	-	-	
LUKE	.65	-	-	-	-	-	T	-	-	-	-	.11	.32	T	-	-	-	-	T	T	T	T	.22	T	.22	T	-	T	-	-	-	-	
MERRILL	1.06	-	-	-	-	-	-	-	.01	-	-	.09	.45	.04	-	-	-	-	.05	.06	.06	.06	.09	.26	.02	-	-	.04	-	-	-	-	
MILLINGTON	2.30	-	-	-	-	-	-	-	-	-	-	.51	.25	-	-	-	-	-	.05	.57	.18	.08	.05	.75	-	-	-	.02	.05	-	-	-	
NATIONAL ARBORETUM D C	1.43	-	-	-	-	-	-	-	-	-	-	T	.51	.25	-	-	-	-	-	.07	.18	.08	.05	.75	-	-	-	.02	.05	-	-	-	
OAKLAND 1 SE	1.54	-	-	-	-	-	.02	-	.03	-	-	.10	.33	.05	-	-	-	-	-	.19	.19	.17	.02	.11	.22	T	-	.07	.03	-	-	-	
OCEAN CITY WATER PLANT	2.84	-	-	-	-	-	-	-	-	-	-	.05	.48	.15	.02	-	-	-	.18	.07	.78	.17	.04	.04	T	1.00	-	.19	.16	-	-	-	
OWINGS FERRY LANDING	1.95	-	-	-	-	-	-	-	-	-	-	.21	.42	.21	-	-	-	-	.08	.12	.17	.22	.04	T	.30	.09	-	.070	.05	-	-	-	
PARKTON 2 SW	1.75	-	-	-	-	-	-	-	-	-	-	.16	.24	.13	-	-	-	-	T	.12	.17	.22	.10	.10	.30	-	-	T	-	-	-	-	
PICARDY	.90	-	-	T	-	-	-	-	-	-	-	.08	.13	-	-	-	-	-	.32	.03	.75	.11	.03	.35	.19	-	.21	.13	-	-	-	-	
POCONOKE CITY 1 S	2.33	-	-	-	-	-	-	-	-	-	-	.56	.10	-	-	-	-	-	-	.35	.35	.08	.08	.36	-	-	-	-	-	-	-	-	
POTOMAC FILTER PLANT	1.45	-	-	-	-	-	-	-	-	-	-	.06	.45	.11	-	-	-	-	.12	.03	.49	.30	.02	T	.45	-	.20	.02	-	-	-	-	
PRESTON 1 S	2.25	-	-	-	-	-	-	-	-	-	-	.30	.25	.30	-	-	-	-	-	.45	.45	.14	T	.55	-	-	.11	.15	-	-	-	-	
PRINCE FREDERICK	2.11	-	-	-	-	-	-	-	-	-	-	.04	.42	.22	-	-	-	-	.17	.05	.77	.14	T	.69	-	-	.29	.21	-	-	-	-	
PRINCESS ANNE	2.74	-	-	-	-	-	-	-	-	-	-	.04	.42	.22	-	-	-	-	.09	.09	.57	.57	.04	.02	T	.59	-	.02	T	-	-	-	
ROCK HALL 3 SE	2.00	-	-	-	-	-	-	-	-	-	-	T	.08	.10	-</																		

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JANUARY 1963

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																		
ANNAPOLIS 2 WNW	MAX	30	33	38	40	43	39	46	41	45	52	56		43	32	39	39	49	44					38	46	44	28			35	25	34	35	39.8
	MIN	6	20	30	30	18	23	21	26	31	27	32		28	13	18	17	25	31			16		12	32	2	4			12	5	23	27	20.3
BALTIMORE WB AIRPORT	MAX	31	36	35	40	42	40	45	41	45	57	50	44	41	33	39	39	49	40	37	58	41	37	44	20	25	33	33	19	24	29	31	38.0	
	MIN	10	21	31	27	17	26	23	29	25	26	33	38	24	16	15	18	20	33	30	34	12	13	12	1	9	20	10	6	7	20	12	19.5	
BALTIMORE WB CITY	MAX	31	36	34	40	43	41	46	41	46	55	50	45	41	33	40	38	49	42	37	52	42	39	45	21	25	34	35	22	26	34	34	38.6	
	MIN	16	26	32	31	28	32	31	34	32	34	40	40	23	20	22	24	30	36	30	37	16	16	12	4	14	24	14	10	11	25	24	24.8	
BELTSVILLE	MAX	16	28	35	35	37	43	42	45	39	45	55	52	45	39	32	39	42	53	42	42	59	22	38	45	23	28	35	33	19	30	32	37.7	
	MIN	14		21	28	12	13	18	25	21	23	23	35	36	13	11	13	16	19	29	40	17	11	18	-5	2	14	22	-3	-11	-5	27	16.6	
BELTSVILLE PLANT STA 5	MAX	19	29	35	36	38	46	42	46	39	46	54	53	47	39	32	40	41	54	42	43	58	23	38	45	22	27	35	34	20	30	33	38.3	
	MIN	10	18	22	29	9	17	17	23	18	21	23	35	37	11	11	13	15	24	29	30	18	11	22	1	3	10	24	8	-9	2	26	17.0	
BENSON POLICE BARRACKS	MAX	31	35	35	39	43	43	44	44	43	52	47	44	41	35	42	38	48	39	41	43	43	35	39	40	25	33	36	28	27	30	34	38.6	
	MIN	2	22	27	29	11	22	17	26	21	22	26	33	23	10	11	14	15	27	28	32	14	8	22	0	6	13	22	6	-6	13	23	17.4	
BITTINGER 2 NW	MAX	16	23	30	33	38	39		32	47	52	54	51	40	21	27	31	43	47	41	45	27	37	40	1	16	28	25	7	37	32	24	32.8	
	MIN	0	7	9	14	17	27		25	24	37	37	38	10	4	7	7	19	24	25	27	-5	2	1	-23	-6	9	1	-6	-9	18	11	11.7	
BLACKWATER REFUGE	MAX	27	32	32	34	39	40	44	41	42	50	56	56	46	34	35	40	48	43	41	55	54	34	48	47	27	34	34	30	27	32	33	39.8	
	MIN	12	22	29	30	24	26	23	30	28	28	35	34	34	21	16	17	24	34	36	39	22	15	31	-2	13	18	30	13	8	20	28	23.8	
BOONSBORO	MAX	26	34	36	37	42	44	44	40	45	59	51	43	39	31	38	39	49	47	38	53	49	37	39	30	26	32	29	19	26	32	31	38.2	
	MIN	9	19	26	23	24	32	20	33	28	38	40	35	27	14	19	16	31	30	23	34	12	10	30	-4	5	21	18	4	-2	21	21	21.2	
BOYDS 2 NW	MAX	28	34	37	39	41	44	45	38	46	51	45	42	39	32	38	39	50	44	40	55	42	37	38	38	27	32	33	21	26	33	32	38.3	
	MIN	10	19	25	22	19	26	19	28	22	28	35	35	29	15	14	16	22	32	25	32	14	12	30	-2	3	19	20	5	-3	20	23	19.8	
CAMBRIDGE 4 W	MAX	19	33	37	34	41	41	43	40	46	56	60	56	48	34	40	43	53	45	49	59	55	37	50	45	29	36	34	27	31	34	34	41.6	
	MIN	4	16	29	21	31	22	29	29	24	28	40	42	33	23	16	16	34	35	36	43	21	16	29	8	14	16	24	11	3	23	27	24.0	
CENTREVILLE	MAX	30	35	34	38	40	39	47	40	46	54	54	46	47	34	39	41	52	45	40	57	57	37	47	47	25	33	34	22	29	34	30	40.4	
	MIN	13	23	29	31	19	25	18	26	26	29	36	38	34	16	15	18	29	36	33	37	19	15	31	5	11	15	21	10	1	22	25	22.8	
CHARLOTTE HALL 1 ESE	MAX	23	36	34	39	44	45	49	41		58	61	62	48	34	40	45		46	43	60	59	42		23	30	36	34	25	31	33	34	41.3	
	MIN	12	22	27	27	20	27	20	29		31	46	48	30	15	14	17		35	36	39	20	12		4	9	19	20	10	4	23	28	23.0	
CHESTERTOWN	MAX	33	36	36	39	43	39	45	40	44	53	48	42	39	33	40	41	52	40	38	56	42	36	43	20	27	35	36	23	27	34	32	38.5	
	MIN	10	22	30	27	20	27	22	28	27	28	36	34	26	18	19	21	27	35	33	37	16	15	20	4	11	20	16	10	3	23	18	22.0	
CHEWSVILLE BRIDGEPORT	MAX	28	35	36	38	37	42	42	41	41	55	45	40	39	30	38	38	50	46	39	52	48	36	37	26	25	32	30	17	24	32	30	37.1	
	MIN	9	19	27	19	15	27	17	31	25	22	34	34	26	15	13	14	25	24	23	33	12	10	25	-5	4	20	16	5	-11	18	21	18.3	
COLEMAN 3 WNW	MAX	31	34	37	39	41	38	41	40	41	50	46	44	40	33	38	37	49	41	38	50	44	35	42	42	38	38	34	24	24	32	33	38.5	
	MIN	12	23	30	31	21	25	23	29	27	28	35	38	32	18	18	22	26	33	32	36	17	15	30	3	10	15	24	10	1	17	26	22.8	
CONOWINGO DAM	MAX	31	34	35	36	39	37	38	39	55	44	39	40	54	30	36	48	55	49	36	42	39	34	40	18	29	33	36	21	24	32	32	37.3	
	MIN	11	23	30	24	16	21	15	26	18	21	29	35	24	13	13	15	22	32	31	34	13	11	18	2	7	18	15	6	-4	16	12	18.3	
CRISFIELD HAMMOCK PT	MAX	30	33	34	37	38	39	44	41	41	47	49	56	55	39	36	42	52	47	43	49	47	38	49	44	30	38	38	30	31	34	34	40.8	
	MIN	18	25	29	30	25	27	23	32	30	33	40	40	38	23	19	22	27	37	38	38	24	15	32	12	17	19	28	11	11	21	28	26.2	
CUMBERLAND	MAX	26	35	40	44	39	47	43	39	54	58	52	47	43	31	37	42	52	45	43	52	44	46	40	18	27	31	28	17	26	29	31	38.9	
	MIN	9	18	23	24	19	30	27	30	33	26	36	38	22	14	12	13	18	21	23	35	8	10	18	-9	5	18	14	4	-8	18	19	18.3	
CUMBERLAND POLICE BRKS	MAX	25	33	36	40	39	45	42	39	48	57	59	46	48	29	35	39	46	44	44	53	48	43	40	22	24	31	30	17	23	31	32	38.3	
	MIN	10	16	19	21	16	29	27	30	32	25	34	37	24	11	10	10	15	14	14	35	6	8	21	-10	3	15	17	4	-12	14	16	16.4	
DALECARLIA RESERVOIR D C	MAX	30	36	35	39	42	44	47	39	47	57	52	44	43	32	39	43	52	49	45	59	57	40	43	40	27	35	34	24	29	33	33	40.9	
	MIN	2	22	27	26	14	27	22	27	22	24	32	36	32	18	17	17	21	31	29	35	17	15	21	1	9	20	20	6	1	24	27	20.7	
DENTON	MAX	31	36	35	40	42	40	45	45	47	56	48	53	47	35	42	44	50	44	41	57	54	38											

Continued

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JANUARY 1963

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
OCEAN CITY WATER PLANT	MAX	31	35	38	38	39	40	40	39	40	45	44	46	44	37	35	40	45	43	41	55	51	36	46	45	27	37	50	30	29	34	33	39.8	
	MIN	14	24	31	31	27	30	28	34	29	35	37	38	37	22	22	25	30	36	37	38	24	17	34	9	14	22	30	14	10	25	28	26.8	
OWINGS FERRY LANDING	MAX	30	38	37	41	43	41	48	42	47	57	60	56	44	33	41	43	54	45	40	60	57	39	51	45	29	35	35	25	29	33	36	42.4	
	MIN	14	22	30	30	29	29	22	28	32	36	45	39	33	16	16	16	29	37	34	35	20	12	33	4	9	22	22	10	2	22	27	24.4	
PARKTON 2 SW	MAX	30	33	33	37	43	44	41	40	42	55	43	40	37	30	36	37	47	39	34	45	42	34	36	14	23	32	33	20	24	30	32	35.7	
	MIN	9	21	27	21	18	24	22	27	21	27	33	34	18	9	12	13	22	28	22	33	10	7	11	-3	4	17	9	0	-5	19	11	16.8	
PICARDY	MAX	26	34	37	41	40	46	43	40	52	60	52	53	43	36	37	41	50	46	44	53	46	44	37	27	25	31	27	18	26	31	30	39.2	
	MIN	7	15	22	21	20	28	25	29	30	28	35	36	24	13	14	11	19	23	23	34	8	9	18	-9	3	18	14	3	8	15	20	18.2	
POCOMOKE CITY 1 S	MAX	31	36	37	40	42	41	47	45	48	58	61	58	55	37	38	43	53	46	46	60	60	38	55	47	28	39	36	29	32	36	35	43.8	
	MIN	14	21	29	30	23	26	18	31	22	37	36	44	37	20	15	11	18	34	34	39	22	9	30	9	5	14	29	12	7	18	27	23.3	
PRESTON 1 S	MAX	29	34	35	37	40	42	45	42	44	53	57	55	48	35	39	44	53	46	42	56	54	36	49	46	27	35	34	25	31	34	32	41.3	
	MIN	13	23	30	31	23	27	23	30	28	31	38	40	34	18	18	19	27	34	36	38	22	15	31	6	9	18	23	12	6	24	26	24.3	
PRINCE FREDERICK	MAX	30	36	37	40	42	41	47	40	47	60	60	55	48	34	40	44	52	43	40	61	58	39	53	45	29	53	33	35	29	32	35	42.7	
	MIN	11	22	28	21	22	30	22	30	29	35	38	40	32	13	12	16	29	36	34	38	17	9	32	4	29	5	18	22	10	2	23	28	22.8
PRINCESS ANNE	MAX	31	36	36	39	42	43	46	45	47	57	61	60	60	38	17	44	54	47	45	59	58	37	53	51	29	38	38	32	31	35	35	44.0	
	MIN	14	21	30	31	22	27	21	32	25	31	43	45	37	19	14	15	22	37	39	40	23	11	31	9	11	16	30	12	6	22	22	24.5	
ROCK HALL 3 SE	MAX	32	36	35	40	40	36	44	39	40	49	46	43	41	34	38	39	50	40	41	52	54	39	44	43	26	33	36	23	25	33	34	38.9	
	MIN	8	23	30	31	20	28	22	28	26	28	33	37	32	18	19	20	28	35	32	36	20	16	4	4	12	19	21	10	3	15	24	22.0	
ROCKVILLE	MAX	23	35	35	38	38	42	43	40	44	49	49	48	40	31	36	39	49	50	43	56	56	36	44	40	30	33	32	25	26	32	32	39.2	
	MIN	13	21	28	28	18	28	24	30	24	29	34	34	31	17	18	18	20	34	24	33	16	13	33	0	10	21	25	7	3	22	25	22.0	
ROYAL OAK	MAX	30	36	35	39	41	41	47	40	45	55	58	53	47	34	39	42	52	46	40	57	56	37	50	46	27	35	34	25	29	33	35	41.4	
	MIN	15	22	30	29	23	26	23	28	25	30	40	41	34	21	17	19	29	35	35	37	20	16	30	20	11	17	25	11	7	23	27	24.3	
SALISBURY	MAX	31	33	37	40	43	45	46	45	47	58	62	58	55	37	40	45	54	45	45	59	58	38	55	50	28	38	37	30	33	35	35	43.9	
	MIN	13	22	30	31	23	28	22	32	28	33	44	43	37	20	16	17	24	36	39	39	22	15	30	8	9	18	29	13	9	22	28	25.2	
SALISBURY FAA AIRPORT	MAX	29	36	36	38	40	42	44	43	47	57	63	58	53	32	38	43	52	44	42	60	51	37	54	21	26	36	35	23	33	35	31	41.3	
	MIN	14	23	30	29	25	25	23	33	29	38	47	44	30	19	16	16	27	39	39	40	15	13	21	9	7	18	19	14	9	27	13	24.2	
SAVAGE RIVER DAM	MAX	18	21	28	35	36	38	41	43	35	50	56	48	54	31	25	31	35	45	48	42	49	16	43	41	22	20	30	24	11	24	36	34.7	
	MIN	17	8	14	15	11	34	25	30	29	26	29	34	30	10	10	9	13	15	19	23	3	8	11	-25	8	0	20	0	-14	-10	17	13.5	
SINES DEEP CREEK	MAX	12	17	24	33	35	38	40	39	34	49	53	55	51	36	23	29	33	45	50	46	48	22	40	42	1	18	31	26	10	38	34	33.9	
	MIN	2	0	5	0	16	9	20	25	27	28	24	32	33	11	6	4	6	13	15	22	22	0	5	-1	-17	-2	12	1	-15	-20	24	9.9	
SNOW HILL	MAX	30	37	37	40	43	44	46	43	49	59	63	59	58	36	38	46	52	45	45	60	61	40	55	46	31	39	39	28	33	36	35	44.3	
	MIN	13	20	20	20	23	27	21	33	27	34	41	43	36	20	15	15	23	34	38	39	21	13	31	8	9	17	22	13	7	20	25	23.5	
SOLOMONS	MAX	31	37	35	40	38	38	40	40	49	58	60	58	45	35	36	39	44	43	40	60	57	40	53	48	30	34	36	30	28	35	35	41.7	
	MIN	16	24	31	30	25	30	26	31	32	40	40	38	35	22	22	23	31	37	37	37	23	19	34	8	16	25	28	13	12	26	29	27.1	
TOWSON	MAX	31	38	36	40	43	43	45	41	45	55	50	46	42	34	39	38	50	45	46	46	47	37	42	38	25	35	35	25	24	31	34	39.5	
	MIN	10	23	28	27	23	28	21	27	22	24	30	30	32	15	9	16	19	19	19	33	10	12	31	0	-1	0	23	6	-5	14	18	18.2	
UNIONVILLE	MAX	30	34	36	37	38	42	43	39	41	52	41	38	36	31	37	38	49	42	37	47	41	37	36	21	26	34	33	21	26	32	33	36.4	
	MIN	9	18	21	19	0	20	15	26	12	16	29	33	28	10	9	11	14	23	26	32	14	9	19	-2	7	19	19	-5	-17	14	20	15.1	
U. S. SOLDIERS HOME D C	MAX	28	35	35	37	41	39	43	37	44	52	54	44	39	31	38	39	53	42	38	58	42	38	45	24	29	34	36	23	29	33	35	38.5	
	MIN	12	21	25	27	21	29	25	28	30	31	40	38	19	16	20	21	25	35	28	36	15	15	4	-1	8	22	11	6	13	25	21	21.5	
UPPER MARLBORO 3 NNW	MAX	20	32	36	39	40	44	42	47	40	47	57	59	45	40	32	39	43	54	41	39	61	25	39	47	23	29	34	35	21	31	34	39.2	
	MIN	10	20	23	30	13	27	18	24	22	29	35	36	38	14	1																		

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
JANUARY 1963

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																		
BALTIMORE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	3 .5	2 .4	T .3	2 .3	2 .2	T .2	2 .1	1	1	T	T	T									T		.2	T	T	2.9	3	3	2	.3	.3		
BITTINGER 2 NW	SNOWFALL SN ON GND	13 .5	13	13	13	13	11	11	11	10	9	6	4	1.3	4	4	4	3	3	3	T	T	T	4.3	.3	4	1.5	3.7	.2	6	.8	.3		
BROOKDALE	SNOWFALL SN ON GND	8	8	7	7	5	T	4	4	3	3	3	1	T	T	T									T	T	1.7	2	2	2	.5	1.0		
CAMBRIDGE 4 W	SNOWFALL SN ON GND	3	3	2	2	1	1	1	T	T	T														T	T						1.0		
CHESTERTOWN	SNOWFALL SN ON GND	4	3	2	2	1	T	1	1	1	T	T	T	T								T	T	.3	T	T	4.0	3	3	2	.2	T		
CONOWINGO DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.5	1	1	3.5	4	4	4	4	4		
CUMBERLAND	SNOWFALL SN ON GND	5	5	4	3	3	T	2	2	1	1	1													T		3.0	T	3	3	3	T		
DENTON	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	T	T													.2	T	T	T	T	T	1	.9		
EMMITSBURG 2 SE	SNOWFALL SN ON GND	4	3	2	2	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	2.0	1.0	2	2	4.5	5	5	5	T	4	
FORT GEORGE G MEADE	SNOWFALL SN ON GND	3	2	1	1	1	1	1	1	1	1	T													T	T	2.0	2	2	2	T	T		
FREDERICK WB AIRPORT	SNOWFALL SN ON GND	5	5	4	3	3	2	2	2	2	1	1	T	T	T	T	T	T	T					.8	1	1	4.2	.2	4	3	2	T	1	
FROSTBURG	SNOWFALL SN ON GND	9	9	9	6	5	T	4	T	4	4	4	2	1	T	T	T	T				T	T	T	T	T	T	4.0	4	4	4	4		
GLENN DALE BELL STA	SNOWFALL SN ON GND	6	6	6	5	5	5	4	4	4	3	3	2														3.5	3	3	3	.5	3		
HAGERSTOWN	SNOWFALL SN ON GND	2	2	2	1	1	1	1	T	T	T	T	T	T											T		1.0	3.5	2	1	T	T		
HANCOCK FRUIT LAB	SNOWFALL SN ON GND	5	5	5	5	5	5	4	3	2	1	T														T		4.5	4	4	4	4		
LA PLATA 1 W	SNOWFALL SN ON GND	5	4	4	3	3	2	2	2	1	T														T	T	.1	.2	T	T	.2	.3		
LEONARDTOWN 3 NW	SNOWFALL SN ON GND	1	T	T	T	T	T	T	T	T	T	T													.2	T						.5		
MILLINGTON	SNOWFALL SN ON GND	2	2	2	2	1	1	T	T	T	T	T													.5	1	T	3.0	3	3	3	3	2	
OAKLAND 1 SE	SNOWFALL SN ON GND	T	2	2	2	2	.5	2	.5	2	2	1	T	T	.5	1	1	T						1.5	.5	2	1	2.0	3.0	5	4	.5	.5	
OWINGS FERRY LANDING	SNOWFALL SN ON GND	5	5	5	4	4	3	3	2	2	1	T														T		1.0	1	1	1	.5	.5	
PARKTON 2 SW	SNOWFALL SN ON GND	7	T	T	5	4	T	3	2	2	T	T	T	T	T	T	T	T	T	T	T	T	T	1.5	1	1	3.5	T	4	4	3	T	3	
POCOMOKE CITY 1 S	SNOWFALL SN ON GND																															1.8		
PRESTON 1 S	SNOWFALL SN ON GND	2	2	1	T	T	T	T	T																		T	T	1.0		1.5	.5		
PRINCESS ANNE	SNOWFALL SN ON GND																															4.0		
ROYAL OAK	SNOWFALL SN ON GND	1	1	1	1	1	T	T	T	T	T															T	T	T	1.0	T		.5	.5	
SALISBURY FAA AIRPORT	SNOWFALL SN ON GND				T									T	T													T				T	2.0	
SAVAGE RIVER DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SNOW HILL	SNOWFALL SN ON GND																									1.0	1					3.0		
UNIONVILLE	SNOWFALL SN ON GND	8	-	-	-	-	T	-	-	-	-	T	T	T												T		.3	2.8	3	3	T	T	
WESTMINSTER	SNOWFALL SN ON GND	8	8	T	6	6	T	5	5	4	4	3	2	1	T	T	T	T	T	T	T	T			1.0	1	1	T	4.0	4	4	4	.5	
WOODSTOCK	SNOWFALL SN ON GND	8	8	8	8	7	7	7	7	6	6	5	3	T	2	2	2	2	1	1	1	T	T	T	T	T	T	T	2.5	3	3	3	.5	3
DELAWARE																																		
BRIDGEVILLE 1 NW	SNOWFALL SN ON GND			T	T																					.5	1	T	T	T	T	T	.5	
DOVER	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEORGETOWN 5 SW	SNOWFALL SN ON GND				.5																						.5	T				2.0		
NEWARK UNIVERSITY FARM	SNOWFALL SN ON GND	1	1	1	T	T	T	T	T	T	T	T																2.5	3	2	2	2	2	
WILMINGTON NCASTLE WB AP	SNOWFALL SN ON GND WTR EQUIV	3 .2	2 .2	T .2	1	1	1	1	1	1	T	T	T	T	T								T		.6	T	T	3.9	3	3	3	.6	.1	
WILMINGTON PORTER RESVR	SNOWFALL SN ON GND	3	3	2	2	1	1	1	1	1	T	T														T	T	4.0	4	3	3	.5	2	

See reference notes following Station Index.

STATION INDEX

MARYLAND AND DELAWARE
1965

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRESS.	WIND	SPECIAL	
MARYLAND											
ANNAPOLIS 2 NW	0193	ANNE ARUNDEL	1 38 59	76 31	70	5P 5P					H RADIO STATION WNAV
BALTIMORE WB AIRPORT	0465	ANNE ARUNDEL	39 11	76 40	144	MID MID					C H U.S. WEATHER BUREAU
BALTIMORE WB CITY	0470	BALTO CITY	39 17	76 37	14	MID MID					C U.S. WEATHER BUREAU
BELTSVILLE	0700	PRINCE GEORGE	39 02	76 53	120	8A 8A	BA				C CHESTER H. GORDON
BELTSVILLE PLANT STA	0705	PRINCE GEORGE	39 01	76 57	100	9A 9A					C MD. STATE POLICE
BENSON POLICE BARRACKS	0732	HARFORD	39 30	76 23	365	5P 5P					H ELBERT E. BUCKEL
BITTINGER 2 NW	0881	GARRETT	39 37	79 15	2700	7P 7P					H NAT. WILDLIFE REFUGE
BLACKWATER REFUGE	0915	DORCHESTER	38 26	76 08	5	4P 4P					J. HOWARD BECKENBAUGH
BOONSBORO	0964	WASHINGTON	39 31	77 39	735	6P 6P					RALPH F. STALEY
BOYDS 2 NW	1032	MONTGOMERY	39 12	77 20	580	6P 6P					
BRIGHTON DAM	1125	MONTGOMERY	39 12	77 01	350	8A					H WASH. SUB. SANY. COMM.
BROOKDALE	1170	MONTGOMERY	38 57	77 06	260	7P					H B. FRANCIS DASHIELL
CAMBRIDGE 4 W	1385	DORCHESTER	38 34	76 09	5	6P 6P					H D. ARCY MC B. HARDING
CENTREVILLE	1627	QUEEN ANNES	39 03	76 03	46	6P 6P					H MARION G. LEIBY
CHARLOTTE HALL 1 ESE	1686	ST MARYS	38 28	76 45	167	5P 5P					H GREEN MANOR FARM
CHESTERTOWN	1750	KENT	39 13	76 04	39	11P 11P					H T. W. ELIASON, JR.
CHESTERVILLE BRIDGEPORT	1760	WASHINGTON	39 38	77 41	560	5S 5S					H D. PAUL OSWALD
COLEMAN 3 NW	2980	KENT	39 21	76 08	78	6P 6P					C H W. B. HARRIS
COLLEGE PARK	1995	PRINCE GEORGE	38 59	76 56	76	5P 5P					C H U.S. GEOL. SURVEY
CONNINGDOM DAM	2060	HARFORD	39 39	76 10	40	MID MID					H SUSQUEHANNA ELECTRIC CO.
CRISFIELD HAMMOCK PT	2205	SOMERSET	37 58	75 52	7	5P 5P					H GEORGE W. STAPLES, III
CUMBERLAND	2280	ALLEGANY	39 39	78 45	945	6P 6P					H R. R. GOLDEN
CUMBERLAND POLICE BRKS	2285	ALLEGANY	39 38	78 50	970	5P 5P					H MD. STATE POLICE
DENTON	2523	CAROLINE	38 53	75 50	20	6P 6P					H JAMES K. COOPER
EASTON POLICE BARRACKS	2700	TALBOT	38 45	76 04	40	5P 5P					H MARYLAND STATE POLICE
EDGEHART	2770	WASHINGTON	39 40	77 33	905	8A					H LEE G. HARNE
EDGEWOOD ARSENAL	2795	HARFORD	39 21	76 19	10	MID MID					H U.S. ARMY SIGNAL CORPS
ELKTON	2860	CECIL	39 36	75 50	28	6P 6P					H W. W. BOUCHELLE
EMMITSBURG 2 SE	2906	FREDERICK	39 41	77 18	420	5P 5P					H MRS. LUCILLE K. BEALE
FORT GEORGE 6 MEADE	3230	ANNE ARUNDEL	39 06	76 45	140	5P 5P					H FILTRATION PLANT
FREDERICK WB AIRPORT	3350	FREDERICK	39 25	77 23	294	MID MID					C H J. U.S. WEATHER BUREAU
FREDERICK 3 E	3355	FREDERICK	39 24	77 22	385	8A					H MISS I. MARY STALEY
FROSTBURG	3410	ALLEGANY	39 39	78 56	2035	7A 7A					H C. A. SUTER, JR.
GLENN DALE BELL STA	3675	PRINCE GEORGE	38 58	76 48	151	4P 4P					H PLANT INTRO. GARDEN
GRANTSVILLE	3795	GARRETT	39 42	79 09	2380						H MRS. FANNIE B. MILLER
HAGERSTOWN	3975	WASHINGTON	39 39	77 44	660	6P 6P					H HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	WASHINGTON	39 42	78 11	428	8A 8A					C H U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	CHARLES	38 32	77 00	140	5P 5P					H C. RUSSELL LEVERING
LAUREL 3 W	5111	PRINCE GEORGE	38 06	76 54	400	5P 5P					H WASH. SUB. SANY. COMM.
LEONARDTOWN 3 NW	5202	ST. MARYS	38 19	76 40	48	5P 5P					C H RADIO STATION WKIK
LOCH RAVEN DAM	5340	BALTIMORE	39 26	76 33	190	5P					C CITY OF BALTIMORE
LUKE	5530	ALLEGANY	39 28	79 04	1020	8A					C HOWARD T. HANCOCK
MERRILL	5894	GARRETT	39 36	79 05	1790	6A					H DELWOOD E. MERRILL
MILLINGTON	5985	KENT	39 16	75 51	30	6P 6P					H LOUIS H. HOLLETT
REX GERMANY	6403	GARRETT	39 38	79 07	2590						C ARCHIE BITTINGER
OAKLAND 1 SE	6620	GARRETT	39 24	79 24	2420	5P 5P					H R. E. WEBER
OCEAN CITY WATER PLANT	6670	Worcester	38 20	75 05	17	4P 4P					H LUTHER D. BELL
OWINGS FERRY LANDING	6770	CALVERT	38 42	76 41	120	7P 7P					H THOMAS J. BOURNE
PARKTON 2 SW	6844	BALTIMORE	39 38	76 42	600	11P 11P					C JOHN R. FOX
PERRY POINT	6980	CECIL	39 33	76 04	40						C VETERANS ADMINISTRATION
DELAWARE											
PICARDY	7010	ALLEGANY	38 33	75 30	1030	6P 6P					H POTOMAC HMD. ORCHARD
POTOMAC CITY 1 S	7140	MORCESTER	38 03	75 34	20	5P 5P					H RADIO STATION WNAV
POTOMAC FILTER PLANT	7272	MONTGOMERY	39 02	77 15	270	8A					H CITY OF POTOMAC
PRESTON 1 S	7310	CAROLINE	38 42	75 55	90	6P 6P					H FRANKLIN D. NUSSBAUM
PRINCE FREDERICK	7325	CALVERT	38 32	76 35	140	5P 5P					H BOYD KING
PRINCESS ANNE	7330	SOMERSET	38 12	75 41	15	5P 5P					H TOWN OF PRINCESS ANNE
ROCK HALL 3 SE	7700	KENT	39 07	76 12	10	6P 6P					H JOHN C. BRANCA
ROYAL OAK	7808	TALBOT	38 43	76 11	10	5P 5P					H COUNTY POLICE
SALISBURY	8000	MICOMICO	38 25	75 35	10	5P 5P					H J. L. SMALINE, JR.
SALISBURY FAA AIRPORT	8005	MICOMICO	38 20	75 30	52	MID MID					H CITY OF SALISBURY
SAVAGE RIVER DAM	8065	GARRETT	39 31	79 08	1495	8A 8A	BA				H FED. AVIATION AGENCY
SHALLMAR	8191	GARRETT	39 23	79 12	1700	8A					H UPPER POTOMAC RVR. COMM.
SIMES DEEP CREEK	8315	GARRETT	39 31	79 25	2058	MID 7A					H CLARENCE B. KIMBLE
SNOW HILL	8380	MORCESTER	38 11	75 24	14	6P 6P					C PAL. ELECTRIC CO.
SOLDOMONS	8405	CALVERT	38 19	76 27	12	6P 6P					C W. W. SELLING
TOWSON	8877	BALTIMORE	39 24	76 37	410	4P 4P					C CHESAPEAKE BIOL. LAB.
UNIONVILLE	9030	FREDERICK	39 27	77 11	430	6P 6P					C BALTIMORE COUNTY JAIL
UPPER MARLBORO 3 NW	9070	PRINCE GEORGE	38 52	76 47	98	9A 9A	9A				H G. P. VON EIFF, JR.
VIENNA	9140	DORCHESTER	38 29	75 50	12	6P 6P					H TOBACCO EXP. FARM
WALDORF POLICE BRKS	9195	CHARLES	38 39	76 53	210	5P 5P					H ERN. SHORE PUB. SVC. CO.
WESTERPORT	9405	ALLEGANY	39 29	79 03	1000	6P 6P					H MD. STATE POLICE
WESTMINSTER	9435	CARROLL	39 35	77 00	770	6P 7A					H MORRIS BRUCE
WHEATON REGIONAL PARK	9502	MONTGOMERY	39 04	77 02	330	5P 5P					H H. J. MATHIAS
WILLIAMSPORT	9570	WASHINGTON	39 37	77 51	360	7A					H PARK & PLANNING COMM.
WOODSTOCK	9750	BALTIMORE	39 20	76 52	415	6P 6P					H HAGERSTOWN WTS. PLANT
DISTRICT OF COLUMBIA											
DALECARLIA RESERVOIR	2325		38 56	77 07	146	5P 5P					H WOODSTOCK COLLEGE
NATIONAL ARBORETUM	6350		38 54	76 58	70	4P 4P					H CORPS OF ENGINEERS
U. S. SOLDIERS HOME	9035		38 56	77 01	230	MID MID					H U.S. NAT. ARBORETUM
WASHINGTON WB CITY	9290		38 54	77 03	72	MID MID					C U.S. WEATHER BUREAU
DELAWARE											
BRIDGEVILLE 1 NW	1330	SUSSEX	38 45	75 37	50	5P 5P					H WILLIAM RAY
DOVER	2730	KENT	39 09	75 31	25	4P 4P					H STATE HIGHWAY DEPT.
GEORGETOWN 5 SW	3570	SUSSEX	38 38	75 28	45	5P 5P					5P C H UNI. AGRI. EXP. STA.
LEWES 1 SW	5320	SUSSEX	38 46	75 09	20	6P MID					H FREDERICK O. WOOL
MIDDLETOWN 2 S	5852	NEW CASTLE	39 26	75 43	75	5P 5P					H THOMAS T. DONOVAN
MILFORD 3 NW	5915	SUSSEX	38 56	75 29	52	5P 5P					H RADIO STATION WKB3
NEWARE UNIVERSITY FARM	6410	NEW CASTLE	39 40	75 44	90	6P 6P					C H UNI. OF DELAWARE
SELBYVILLE	8249	SUSSEX	38 28	75 13	32	5P 5P					6P C H L. WIRRIE LONG
WILMINGTON NCATTLE WB AP	9595	NEW CASTLE	39 40	75 36	73	MID MID					C H U.S. WEATHER BUREAU
WILMINGTON PORTER RESV	9605	NEW CASTLE	39 46	75 32	274	MID MID					H WATER DEPARTMENT
NEW STATIONS											
MARYLAND											
SUITLAND	8656	PRINCE GEORGE	38 51	76 56	280	9A 9A					H RALPH H. FREDERICK

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

REFERENCE NOTES

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

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

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

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

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

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

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

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

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

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

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

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

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

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

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

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

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

