

U. S. DEPARTMENT OF COMMERCE

JOHN T. CONNOR, Secretary

WEATHER BUREAU

ROBERT M. WHITE, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JANUARY 1965

Volume 69 No. 1



ASHEVILLE: 1965

MARYLAND AND DELAWARE - JANUARY 1965

SPECIAL WEATHER SUMMARY

There were three heavy snowstorms over Maryland and Delaware during January. The first on the 10th gave its heaviest falls in the northern areas of both States; the second on the 16th-17th, its heaviest falls in the southern areas; and the third on the 30th, its heaviest falls in the central areas. Of course, there were other days with considerable snowfall in or near Garrett County, such as the 1st and the 28th. As a result, the monthly snowfall totals exceeded the normal in all divisions of both States; and it was especially heavier than normal in the Southern Eastern Shore Division of Maryland, and in the Southern Division of Delaware.

The ice storm of the 23d-24th covered the northern tier of counties in both Maryland and Delaware, especially eastward from Cumberland. Frederick County was probably the most seriously affected. Here, the State Roads Commission officials reported that it was one of the worst ice storms during the past 40 years, not so much because of the thickness of the ice, which was 1/2 to 1 inch, but because of its duration and area covered. The storm caused a most serious highway problem; however, one of the accompanying features of such a storm, the interruption to electrical and telephone service, was much less serious.

W. J. Moyer
Weather Bureau State Climatologist
Weather Bureau Airport
Friendship International Airport
Baltimore, Maryland 21240

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JANUARY 1965

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				
										40° or Above	31° or Above	31° or Below	40° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
MARYLAND																								
* * * SOUTHERN EASTERN SHORE 01																								
CRISFIELD SOMERS COVE	44.3	28.6	36.5	- 2.8	58	9	11	18	877	0	3	19	0	2.11	- 1.45	.65	8	8.0	6	2	0			
OCEAN CITY RADIO STA																								
PCCOMOKE CITY 1 S	45.7	21.9	33.8		64	9	- 5	18	959	0	4	28	1	2.89		.63	10	12.2	9	17	7	3	0	
PRINCESS ANNE																								
SALISBURY	45.6	25.8	35.7		65	9	- 4	18	899	0	6	23	1	3.29	- .37	.79	24	9.0	7	17	7	4	0	
SALISBURY FAA AIRPORT	43.2	23.7	33.5		66	9	- 6	17	971	0	6	26	2	2.85		.76	24	6.8	5	17	8	3	0	
SNOW HILL	46.4	25.3	35.9	- 2.2	67	9	- 5	18	897	0	4	24	1	3.02	- .92	.77	16	12.3	9	17	6	3	0	
DIVISION			35.1	- 3.2										2.83	- .80									
* * * CENTRAL EASTERN SHORE 02																								
BLACKWATER REFUGE	43.8	25.5	34.7		61	9	- 7	18	933	0	6	25	1	3.22		1.12	10	7.0	4	19	5	3	1	
CAMBRIDGE 4 W	43.6	23.6	33.6		64	9	- 5	18	965	0	6	24	1	3.77		1.05	10	9.0	5	18	7	3	1	
DENTON 1 WNW	42.4	23.1	32.8		62	9	- 2	18	991	0	6	27	1	3.04		.88	24	6.3	4	30	6	3	0	
EASTON POLICE BARRACKS	43.2	24.9	34.1	- 2.5	60	8	- 1	18	952	0	7	25	1	3.69	.22	.92	24	9.5	5	17	8	4	0	
PRESTON 1 S	42.8	24.8	33.8		62	9	- 4	18	959	0	7	25	1	3.35		.80	24	9.5	5	31	5	3	0	
ROYAL OAK	43.3	25.6	34.5		60	9	- 1	18	940	0	6	24	0	3.27		.83	10	9.0	5	30	7	3	0	
VIENNA	M 26.3	M	M		64	9	- 3	18	0	0	23	1	3.73		.93	10	10.0	6	19	6	4	0		
DIVISION			33.9	- 3.0										3.44	- .10			8.6						
* * * LOWER SOUTHERN 03																								
CHARLOTTE HALL 1 ESE	45.6M	23.6M	34.6M		64	9	- 1	18	935	0	5	26	2					8.0	4	30				
LA PLATA 1 W	45.0	24.3	34.7		62	26	- 3	31	933	0	6	25	0	3.13		1.13	10	10.5	4	30	8	2	1	
LEONARDTOWN 3 NW	45.5	23.3	34.4		63	8	- 1	18	939	0	6	24	1	3.10		1.07	10	7.0	5	17	5	4	0	
OWINGS FERRY LANDING	44.4	25.1	34.8	- 2.2	65	9	- 3	18	930	0	6	23	0	3.61	.13	1.10	10	12.0	6	30	9	3	1	
PRINCE FREDERICK	46.6	24.0	35.3		64	9	0	18	913	0	2	26	1	2.99		.93	10	10.5	5	30	6	3	0	
SOLOMONS	44.8	28.1	36.5	- 2.0	64	9	12	17	875	0	6	20	0	3.22	- .33	.83	10	16.0	8	17	8	3	0	
WALDORF POLICE BRKS	44.6	22.4	33.5		64	9	- 8	18	967	0	7	26	2	3.05		1.10	10	11.3	6	31	7	2	1	
DIVISION			34.8	- 2.5										3.18	- .39			10.8						
* * * UPPER SOUTHERN 04																								
ANNAPOLIS	42.5	26.4	33.5	- 2.6	66	9	3	18	971	0	6	26	0	3.22		1.21	10	9.5	5	10	7	2	1	
BALTIMORE WB AIRPORT	40.3	21.2	30.8	- 4.0	63	9	1	17	1052	0	7	29	0	3.09	- .34	.97	10	8.3	5	11	6	2	0	
BELTSVILLE	41.1M	19.2M	30.2M		63	10	- 4	31	1073	0	7	29	2	2.70		.75	24	11.0	5	11	5	4	0	
BELTSVILLE PLANT STA 5	41.7	20.1	30.9		63	10	- 7	31	1050	0	7	27	3	2.74		.82	24	13.0	6	11	5	3	0	
COLLEGE PARK	43.7	23.7	33.7	- 2.3	62	9	- 3	31	964	0	5	24	1	2.98	- .27	.97	10	9.0	4	10	6	3	0	
DALEARLIA RESVR D C	43.4	24.0	33.7		62	9	3	18	964	0	5	25	0	2.88		.97	24							
FORT GEORGE G MEADE	43.5	21.3	32.4	- 2.3	62	22	- 3	31	1005	0	6	26	2	3.32		.86	24	9.3	4	17	8	2	0	
GLENN DALE BELL STA	44.7	20.8	32.8		63	9	- 5	18	992	0	5	26	1	2.59	- .84	.86	10	10.0	6	16	5	3	0	
LAUREL 3 W	43.0	22.8	32.9		65	9	7	31	989	0	5	28	0	2.32		.73	24	7.5	4	11	5	2	0	
NATIONAL ARBORETUM D C	44.0	24.9	34.5		62	22	5	31	939	0	6	24	0	2.99		.90	10	9.6						
SUITLAND	40.8	24.5	32.7		62	10	3	18	996	0	8	24	0	3.47		.86	11	10.0	3	18	8	4	0	
U. S. SOLDIERS HOME DC	41.5	24.3	32.9		62	9	8	31	993	0	6	28	0	3.15		.90	10	9.5	5	10	8	2	0	
UPPER MARLBORO 3 NNW	42.6	21.9	32.3		66	9	- 3	18	1004	0	7	26	1	3.25		.85	10	10.0	4	18	9	3	0	
WASHINGTON WB CITY D C R	41.1M	25.4M	33.3M		63	22	11	17	970	0	7	0	0	2.84		.90	10							
DIVISION			32.6	- 3.0										2.97	- .35			9.7						
* * * NORTHERN EASTERN SHORE 05																								
CENTREVILLE	42.8	23.4	33.1		63	9	- 1	18	983	0	7	25	1	3.63		1.27	10	9.0	4	19	5	3	2	
CHESTERTOWN	40.8	23.7	32.3		62	9	5	17	1007	0	6	27	0	3.27		1.20	10	9.5	6	10	6	2	1	
COLEMAN 3 WNW	40.5	23.8	32.2	- 3.1	61	9	4	18	1012	0	7	28	0	3.09	- .52	.90	10	10.0	7	11	9	2	0	
MILLINGTON	41.5	21.4	31.5	- 3.9	65	9	- 1	18	1033	0	7	27	1	3.36	- .29	.98	10	9.5	6	19	8	3	0	
ROCK HALL	40.4	24.5	32.5	- 2.9	61	9	3	18	1003	0	6	26	0	2.96	- .47	1.19	10	8.9	5	11	6	3	1	
DIVISION			32.3	- 3.2										3.26	- .34			9.4						
* * * NORTHERN CENTRAL 06																								
BALTIMORE WB CITY	42.4	26.8	34.6	- 2.7	63	22	10	17	936	0	6	23	0	3.16	- .27	.88	10							
BENSON POLICE BARRACKS	39.9	18.1	29.0		61	9	- 4	18	1106	0	8	30	1	2.66		.68	10	10.3	7	11	6	2	0	
BOYDS 2 NW	40.3	22.4	31.4		58	9	1	31	1039	0	7	27	0	4.69		1.90	26							
CONOWINGO DAM	37.2	19.4	28.3		54	9	0	17	1134	0	8	30	1	2.47		.85	10	13.5	10	10	5	1	0	
ELKTON	39.1	20.5	29.8	- 4.0	53	26	- 1	18	1083	0	7	29	1	3.09	- .37	.89	10	11.0	8	10	7	2	0	
EMMITSBURG 2 SE	38.7	18.9	28.8		55	9	- 5	18	1114	0	8	28	2	2.72		.85	10	15.0	9	11	7	3	0	
FREDERICK WFM	36.2	21.9	30.3	- 2.6	56	9	0	19	1069	0	8	27	1	2.64	- .34	.71	24	8.2	8	11	6	3	0	
PARKTON 2 SW	37.5	16.3	27.9		58	9	- 2	15	1144	0	9	29	2	3.25		.97	10	12.6	10	10	7	2	0	
ROCKVILLE	42.1M	23.7M	32.9M		60	9	6	17	986	0	7	27	0			.86	9							
TOWSON	41.7	22.1	31.9		63	9	1	18	1018	0	7	27	0	3.30	- .23	1.00	24							
UNIONVILLE	37.4	16.3	26.9		56	9	-10	17	1173	0	8	29	4	2.69		.74	24	11.5	9	10	6	3	0	

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JANUARY 1965

Continued

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degrees Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet		No. of Days			
										°F or Above	°F or Below	°F or Above	°F or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
WESTMINSTER 2 N	36.3	19.8	28.1	- 5.0	55	9	- 1	18	1198	0	9	29	1	3.19	- .17	.88	11	13.3	10	11	8	2	0
WHEATON REGIONAL PARK	41.9	20.6	31.3		63	9	- 2	18	1037	0	7	27	2	2.67	-.59	.59	10	10.0	7	11	7	3	0
WOODSTOCK	40.4	18.9	29.7	- 4.1	61	9	- 3	18	1087	0	7	28	3	3.34	.12	1.00	10	11.5	9	10	6	3	1
DIVISION			30.1	- 3.6										3.07	- .23			11.7					
* * * APPALACHIAN MOUNTAIN 07																							
BOONSBORO	38.3	22.2	30.3		58	9	1	17	1069	0	7	28	0	2.71	.80	.80	10	12.9	9	10	6	2	0
CHEWSVILLE BRIDGEPORT	38.0	19.4	28.7	- 3.7	56	9	1	17	1120	0	8	28	0	2.29	-.21	.62	10	13.5	10	10	6	3	0
CUMBERLAND	41.3	22.1	31.8		68	8	3	17	1022	0	8	28	0	3.19	.75	.75	24	15.6	7	12	6	3	0
CUMBERLAND POLICE BRKS	40.4	19.9	30.2		65	8	- 4	17	1073	0	7	28	1	4.04	.80	.80	10	16.5	8	10	9	5	0
FROSTBURG	36.2	18.0	27.1	- 3.7	62	9	- 2	17	1169	0	12	29	2	4.36	1.20	.96	2	26.4	10	11	8	5	0
HAGERSTOWN	37.7	21.5	29.6		57	9	1	18	1090	0	7	27	0	2.58	.85	.85	10	10.2	8	10	8	2	0
HANCOCK FRUIT LAB	38.4	19.5	29.0		57	10	- 4	17	1110	0	9	27	2	2.64	-.09	.55	24	13.5	9	11	7	2	0
PICARDY	39.3	20.9	30.1		63	8	1	17	1075	0	8	26	0	3.15	.91	.91	10	15.2	9	10	8	3	0
WESTERNPORT	42.1	21.5	31.8	- 2.1	65	8	2	17	1021	0	6	27	0	2.35	-.69	.76	23				8	1	0
DIVISION			29.8	- 3.0										3.03	.23			15.5					
* * * ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	33.3	15.6	24.5		57	8	- 4	31	1250	0	15	30	5	5.19	.88	.88	2	28.4	12	19	14	4	0
OAKLAND 1 SE	36.3	15.3	25.9	- 3.3	58	26	-17	31	1206	0	9	30	4	5.04	.66	1.04	2	26.0	9	19	10	4	1
SAVAGE RIVER DAM	37.5	17.6	27.6		62	9	- 1	31	1193	0	9	30	4	2.76	.69	.69	24		10	11	8	2	0
SINES DEEP CREEK 2	39.9	14.6	25.3	- 2.9	59	8	-16	31	1223	0	12	30	6	5.72	1.38	.61	24		9	19	12	6	0
DIVISION			25.8	- 2.5										4.68	.63			27.2					
DELAWARE																							
* * * NORTHERN 01																							
MIDDLETOWN 1 SW	39.7	20.8	30.3		62	9	- 3	18	1072	0	7	28	1	2.23	.78	.78	24	7.8	6	11	5	2	0
NEWARK UNIVERSITY FARM	38.6	20.7	29.7		58	9	3	18	1085	0	7	27	0	2.23	.56	.56	24	9.5	5	18	6	2	0
WILMGTN NCASTLE WB AP	37.5	20.4	29.0	- 4.4	59	9	2	17	1108	0	8	29	0	2.88	- 1.02	.63	10	8.4	6	11	7	1	0
WILMGTN PORTER RESVR	37.8	19.8	28.8		60	9	3	17	1115	0	8	29	0	2.72	-.75	.80	10	10.4	7	10	7	1	0
DIVISION			29.5	- 4.4										2.39	- 1.09			9.0					
* * * SOUTHERN 02																							
BRIDGEVILLE 1 NW	42.5	23.3	32.9	- 3.6	65	9	-10	18	987	0	7	26	1	3.31	-.23	1.00	24	10.0	5	31	6	3	1
DOVER	42.1	23.8	33.0	- 3.6	65	9	1	18	985	0	6	25	0	3.03	-.67	.95	10	8.5	4	17	6	3	0
GEORGETOWN 3 SW	43.3	23.8	33.6		64	9	-10	18	967	0	7	25	1	3.06	1.10	1.10	24	6.0	3	30	5	3	1
LEWES 1 SW	42.6	22.6	32.6		64	9	- 7	18	999	0	5	26	2	4.13	1.00	1.00	24	11.3	7	16	9	4	1
MILFORD 3 WNW	42.4	21.9	32.2		64	9	3	18	1008	0	7	28	0	2.83	1.03	1.03	24	11.6			6	2	1
SELBYVILLE	44.3	24.1	34.2		68	9	- 4	18	949	0	7	24	1	3.99	1.20	1.20	24	11.0	7	17	7	4	1
DIVISION			33.1	- 3.7										3.39	-.37			9.7					

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 68° ON THE 9TH AT SELBYVILLE, DEL.

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

GREATEST TOTAL PRECIPITATION: 5.72 INCHES AT SINES DEEP CREEK 2, MD.

LEAST TOTAL PRECIPITATION: 0.21 INCHES AT CRISFIELD SOMERS COVE, MD.

GREATEST ONE-DAY PRECIPITATION: 1.90 INCHES ON THE 25TH AT BOYDS 2 NW, MD.

GREATEST REPORTED TOTAL SNOWFALL: 28.4 INCHES AT BITTINGER 2 NW, MD.

GREATEST REPORTED DEPTH OF SNOW ON GROUND: 12 INCHES ON THE 19+ AT BITTINGER 2 NW, MD.

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE JANUARY 1965

Table with columns: Station, Total, and Day of Month (1-31). Rows are organized by region: MARYLAND (SOUTHERN EASTERN SHORE, CENTRAL EASTERN SHORE, LOWER SOUTHERN, UPPER SOUTHERN, NORTHERN EASTERN SHORE, NORTHERN CENTRAL), and APPALACHIAN MOUNTAIN. Each station entry includes a station ID, a 'Total' value, and 31 daily values for precipitation.

See reference notes following Station Index.

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JANUARY 1965

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	2.23		.10	.01					.44	.19	.57	.07						.05	T	T					T	.78	.01			T	.01		
NEWARK UNIVERSITY FARM	2.23		.20	T					.40	.32	.55	.15						.04	.01	T					T	.36	T			T			
WILMINGTON KASTLE WD AP	2.38		.16	T					.32	.30	.63							.12	T	T					T	.38	.47			T			
WILMINGTON PORTER RESVR	2.72		.22						.36	.33	.60							.18	T						T	.36	.47			T			
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	3.31			.08					.82	.02	.63	.25						.23	.04	.02						1.00	.08	T			T	.14	
DOVER	3.03		.08	.01					.55	.06	.95	.24	T					.16	.03							.85			T		.10		
GEORGETOWN 3 SW	3.06								.69		.62	.95						.15	.06							1.10	.03	T			T		
LEWES 1 SW	4.13			.08					.61	.39	.62						.21	.31	.10	.03						.28	1.00	T			T	.30	
MILFORD 3 MNW	2.83			.07					.78		.35							.11								1.03	.39	T			T	.10	
SELBYVILLE	3.99			.07					.66	.04	.69	.22				T		.65	T	.05						1.20	.20	T			T	.21	

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JANUARY 1965

Continued

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																	
WESTERNPORT	MAX	39	50	43	42	53	50	47	65	62	43	42	46	41	37	24	24	24	28	34	40	52	60	47	38	44	55	55	38	35	24	22	42.1
	MIN	27	30	26	25	27	34	23	36	38	29	23	17	18	14	5	14	2	17	7	8	25	27	35	30	31	27	22	20	16	9	9	21.5
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX	30	47	35	30	41	39	45	57	55	30	30	36	36	28	15	20	12	17	22	32	39	50	44	34	38	48	45	27	18	20	11	33.3
	MIN	18	26	17	17	20	27	25	38	30	22	18	14	20	0	-4	7	-6	6	2	17	17	29	32	26	26	27	12	10	2	-5	-6	15.6
OAKLAND 1 SE	MAX	35	50	36	34	44	45	53	58	47	34	34	38	38	38	22	20	16	17	23	34	43	49	47	42	42	58	48	28	18	22	12	36.3
	MIN	20	29	20	18	20	29	17	42	32	23	22	15	4	6	-10	10	-8	10	5	5	18	30	30	28	28	23	16	13	9	-7	-17	15.5
SAVAGE RIVER DAM	MAX	40	52	50	32	35	45	43	55	62	54	29	35	39	36	18	18	20	20	22	37	37	42	53	39	40	38	53	42	33	18	24	37.5
	MIN	24	27	24	23	22	32	20	21	43	26	25	15	16	10	0	3	-1	0	3	4	19	19	31	27	27	25	27	20	12	1	-1	17.6
SYNES DEEP CREEK 2	MAX	34	50	41	32	44	42	52	59	58	34	31	37	37	32	21	25	15	20	23	36	40	50	41	36	40	55	44	30	23	20	12	35.9
	MIN	19	30	21	18	17	29	19	38	32	26	19	12	12	0	-7	12	10	-10	6	10	13	20	30	30	29	23	15	13	8	-5	-16	14.6
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	44	33	40	42	47	46	47	50	62	44	35	41	37	36	23	22	19	29	28	40	41	49	48	34	44	55	54	43	41	29	28	39.7
	MIN	28	28	28	26	24	31	24	35	44	28	12	8	13	23	6	14	7	3	12	8	18	19	32	30	30	27	36	19	19	13	6	20.8
NEWARK UNIVERSITY FARM	MAX	43	35	39	40	48	45	46	48	58	42	36	40	37	37	22	20	16	29	28	41	39	51	49	34	41	47	49	42	40	29	27	38.6
	MIN	29	29	26	26	23	34	21	35	42	28	19	11	16	20	3	14	6	3	9	12	18	20	29	29	29	28	25	34	17	18	12	8
WILMGTN NCASTLE WB AP	MAX	35	40	39	39	48	44	45	48	59	39	38	39	38	36	23	21	17	29	25	40	41	50	43	34	40	49	44	41	31	20	27	37.5
	MIN	27	27	27	26	23	25	23	38	38	26	17	16	18	13	6	14	2	7	8	20	19	20	29	30	29	28	23	18	15	12	9	20.4
WILMGTN PORTER RESVR	MAX	44	38	38	38	48	44	44	55	60	56	36	39	37	36	21	19	15	28	23	39	39	52	44	33	39	50	44	40	29	18	26	37.8
	MIN	20	27	19	22	27	20	27	37	33	20	20	22	23	12	3	13	3	8	10	20	21	24	27	26	29	27	22	18	14	11	10	19.8
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	43	45	47	42	51	45	48	58	65	51	37	45	43	41	30	28	18	30	28	43	43	55	47	40	46	59	55	45	41	26	24	42.5
	MIN	29	30	31	26	20	29	20	39	50	31	25	23	23	23	13	16	10	-10	12	12	24	24	36	35	30	29	34	17	24	13	5	23.3
DOVER	MAX	45	43	43	42	51	46	48	55	65	43	35	43	40	41	28	28	18	33	29	44	42	51	51	39	45	59	58	45	44	26	26	42.1
	MIN	30	30	28	28	23	33	23	38	43	29	23	22	23	23	9	15	9	1	15	16	23	22	35	33	32	28	35	19	24	14	11	25.8
GEORGETOWN 5 SW	MAX	44	47	50	43	52	46	50	60	64	50	37	44	43	42	30	32	21	30	26	44	42	55	48	39	47	60	57	45	42	27	24	43.3
	MIN	28	31	31	24	19	27	19	41	50	33	27	20	22	25	13	20	11	-10	11	18	18	22	39	37	32	28	36	18	26	15	8	23.8
LEWES 1 SW	MAX	40	47	49	47	53	44	48	61	64	48	34	47	43	41	33	31	17	34	29	44	40	57	44	42	47	57	55	45	35	26	26	42.6
	MIN	29	33	29	27	20	27	21	41	40	30	26	21	24	25	14	15	0	-7	11	17	20	24	36	34	27	27	27	18	20	14	10	22.6
MILFORD 3 WNN	MAX	48	45	49	49	50	45	49	57	64	49	33	42	42	40	28	28	17	32	25	44	42	54	52	38	46	57	56	42	42	26	23	42.4
	MIN	16	20	29	29	19	31	19	30	41	32	23	21	21	23	12	17	10	3	11	12	21	25	37	35	31	26	27	15	25	14	4	21.9
SELBYVILLE	MAX	45	48	47	43	56	47	50	53	68	58	39	46	42	42	32	31	24	32	27	46	43	53	57	41	49	55	55	44	44	32	25	44.3
	MIN	29	32	31	27	18	27	19	36	51	35	29	20	22	25	14	22	12	-4	11	9	15	23	38	38	33	27	36	18	27	15	11	24.1

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME				Trace	.01-.09	10-49	50-99	1.00-1.99	2.00 and over			Total
							1 AM	7 AM	1 PM	7 PM									
BALTIMORE WB AIRPORT, MD.	30	4.8	10.0	34	W	27+	72	77	61	66	4	4	4	2	0	0	14	61	5.8
WASHINGTON WB CITY, D. C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
WILMINGTON-NCASTLE WB AP, DEL.	30	4.8	10.4	32++	30	3	71	74	64	70	6	0	6	1	0	0	13	-	6.3

Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

SNOWFALL AND SNOW ON GROUND

 MARYLAND AND DELAWARE
 JANUARY 1965

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																																			
* * * SOUTHERN EASTERN SHORE 01																																			
POCOMOKE CITY 1 S																9.0	9	5	4	1												3.2	3		
SALISBURY FAA AIRPORT		T	T						0.3	T				1.0	4.0	3	0.2	T	3	3	2	1	T							T	1.3	1			
SNOW HILL															T	9.3	0.5	T	T	6	4	3	T							T	2.5	2			
* * * CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE 4 W			T	T						T					3.0	2.0	5	4	2	T	T								T	4.0	4				
DENTON 1 NW									0.7	T					2.6	1.0	T													2.0	4				
PRESTON 1 S									1.0	T					2.5	0.5	0.5	3	2	1										5.0	5				
ROYAL OAK			T						0.5	T					2.5	1.0	T	2	2	1	T	T	T					T	5.0	2					
* * * LOWER SOUTHERN 03																																			
LA PLATA 1 W	0.8	T							0.5	0.5					3.0	1.3	0.1	T												4.3	T				
LEONARDTOWN 3 NW															3.0	1.5	3	4	4	3	2	T								2.5	2				
OWINGS FERRY LANDING									1.0	1.0					T	2.0	2.0	4	4	4	3	2	T							6.0	5				
* * * UPPER SOUTHERN 04																																			
ANNAPOLIS									5.0						3.0		4	3	3	3	2	1	T	T	T					1.5	1				
BALTIMORE WB AIRPORT		T							5.0						2.4	0.3	T				1	1	1						T	0.6	1				
COLLEGE PARK									T	5.0	T				2.0	T	2	2	1	T	T	T								2.0	1				
FORT GEORGE G MEADE									4.0	0.5					3.0	0.5	T													T	1.3	1			
GLENN DALE BELL STA									5.5	T					3.0		5	5	5	4	4	1									1.5	1			
* * * NORTHERN EASTERN SHORE 05																																			
CHESTERTOWN		T							6.0						2.5	T	0.2														0.8	1			
MILLINGTON									2.5	2.0					3.0	1.0		6	6	6	4	2	T	T	T	T				T	1.0	1			
* * * NORTHERN CENTRAL 06																																			
BROOKDALE	T								8.5	0.5					3.0	0.7		4	3	2	1	T	T							T	2.5	1			
CONOWINGO DAM									1.0	9.0					3.5	8	6	6	6	5	5	4	3	1	1	T	T	T	T	T	T	T			
EMMITSBURG 2 SE									10.0						2.0		T	8	7	6	4	3	2	T	2.0	T	2	2	T	T	T	0.5	1		
FREDERICK WFND									7.8						0.4		3	3	3	2	1			T	T	T									
PARKTON 2 SW									10.0						2.0		T	6	5	5	4	3	1	T	T	T	T	T	T	T	T	0.3	T		
UNIONVILLE									9.0						2.3																	0.2			
WESTMINSTER 2 N									1.0	9.0					1.0	2.0	T	6	5	3	2	1	T	1	1						0.3	T			
WOODSTOCK									8.5						2.2	T		6	6	6	5	5	2	T	T	T	T	T	T	T	0.8	1			
* * * APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND		4.0							1.0	7.1					1.0	2.0		6	6	5	4	1	1							T	0.5	1			
FROSTBURG			8.0	1.0		2	2	1	T	T					6.0	7.0		8	8	5	3	2	2	2	2.0	4	3	2	2	1	1	T	T	1.0	T
HAGERSTOWN		T	T						8.0						8	5	3	2	2	2	1	1	T	T	T	T					0.2	T			
HANCOCK FRUIT LAB			1.0						3.0	6.0					3	9	7	5	4	3	3	3.0									0.5	1			

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
JANUARY 1965

Continued

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			
*** ALLEGHENY PLATEAU 08																																		
BITTINGER 2 NW	SNOWFALL	3.0	T	1.0						8.9			1.6	0.8	2.5	2.0																		
	SN ON GND	3	1	1	1	1	T	T		9	8	8	9	9	9	10	10	12	12	10	9	9	9	9	9	9	T	2.0	3.9	2.2	0.5	7		
OAKLAND 1 SE	SNOWFALL	3.0		0.5	T					10.0			0.5	0.5	2.0	2.0	1.0																	
	SN ON GND	3		T	T					9	7	6	6	5	6	6	8	9	6	5	1	T	T				1.5	4.0	1.0	5	4			
SAVAGE RIVER DAM	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	SN ON GND		3	3	2	2	T			3	10	7	6	6	6	7	7	7	7	7	7	6								1	3	4		
DELAWARE																																		
*** NORTHERN 01																																		
MIDDLETOWN 1 WSW	SNOWFALL		T							4.6	1.9				1.0	T	T																	
	SN ON GND									5	6	5	4	3	3	4	4	4	4	3	2	2	T	T						T	0.3	T		
NEWARK UNIVERSITY FARM	SNOWFALL		T							5.0	2.0				2.0	T	T																	
	SN ON GND		T							5	5	4	3	3	5	5	5	4	3	3	2	T	0.9	1	T									
WILMGTN NCASTLE WB AP	SNOWFALL	0.4	T							6.6					1.4	T	T																	
	SN ON GND	T								T	6	5	3	3	2	3	3	3	2	2	1	T	T	T	T	T	T							
WILMGTN PORTER RESVR	SNOWFALL	0.5								6.5					3.0																			
	SN ON GND	T								7	5	4	3	2	5	5	4	4	4	3	2	0.2	0.2	1	1	T	T							
*** SOUTHERN 02																																		
BRIDGEVILLE 1 NW	SNOWFALL		T												4.0	0.5	0.5																	
	SN ON GND														4	5	5	4	3	2	1	T										3.0	5	
DOVER	SNOWFALL		T							0.5	2.5				3.0	1.0																		
	SN ON GND									1	2	1	T		3	4	3	2	2	1	T	T	T								T	1.5	1	
GEORGETOWN 5 SW	SNOWFALL														3.0																			
	SN ON GND														3	3	3	3	2	1	1											3.0	3	2

REFERENCE NOTES

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the Weather Bureau State Climatologist, Weather Bureau Airport Station, Friendship International Airport, Baltimore, Maryland 21240, or to any Weather Bureau Office near you.

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.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a. m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

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

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

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

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

DIVISIONS, as used in this publication, became effective with data for October 1956.

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

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

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

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

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

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

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

MARYLAND AND DELAWARE

