

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
ROBERT M. WHITE, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

FEBRUARY 1964
Volume 68 No. 2



ASHEVILLE: 1964

MARYLAND AND DELAWARE - FEBRUARY 1964

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 65° on the 5th at La Plata 1 W, Md.

Lowest Temperature: -17° on the 12th at Oakland 1 SE, Md.

Greatest Total Precipitation: 7.23 inches at Snow Hill, Md.

Least Total Precipitation: D 0.77 inch at Crisfield Somers Cove, Md.

Greatest One-Day Precipitation: 2.02 inches on the 19th at Dover, Delaware

Greatest Reported Total Snowfall: 52.7 inches at Bittinger 2 NW, Md.

Greatest Reported Depth of Snow on Ground: 33 inches on the 28th at Bittinger 2 NW, Md.

SPECIAL WEATHER SUMMARY

Heavy snowfall, much above the monthly normal for most stations in the two-state area, was the outstanding feature of the weather for February 1964. The accumulated snowfall totals resulted chiefly from the following three storms: February 10-11, 4 to over 11 inches with heaviest amounts in central and north-central areas; February 18-19, 5 to over 19 inches except none to a trace in southern areas, heaviest in northern and west-

ern areas; and February 29, 3 to over 7 inches, heaviest in Garrett and Washington counties and southern Delaware and Maryland.

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

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
FEBRUARY 1964

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		
										80° or Above	32° or Below	32° or Below or More	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
APPALACHIAN MOUNTAIN 07																							
BOONSBORO	39.2	24.3	31.8		56	5	10	23	958	0	4	25	0	4.07		1.40	19	35.7	13	28*	7	2	2
CHEWSVILLE BRIDGEPORT	39.3	21.8	30.6	- 2.8	55	5	- 1	23	992	0	4	26	1	2.39	.38	.85	6	26.6	8	28	7	2	0
CUMBERLAND	39.9	23.0	31.5		56	5	3	23	967	0	2	24	0	3.36		1.03	19	27.3	15	19	8	2	1
CUMBERLAND POLICE BRKS	40.5	20.5	30.5		55	6*	- 1	23	995	0	1	27	2	3.54		1.30	19	28.5	14	22*	8	3	1
FROSTBURG	34.8	18.7	26.8	- 4.6	51	6	6	25	1102	0	10	29	0	3.50	1.00	1.23	19	31.0	16	20	9	1	1
HAGERSTOWN																							
HANCOCK FRUIT LAB	39.1	22.6	30.9		55	5	7	23	985	0	4	25	0	2.79		.90	19	24.0	6	19	7	2	0
PICARDY	39.0	18.8	28.9		57	6	- 6	23	1040	0	3	27	2	3.32	1.22	1.42	19	27.4	17	19	5	2	1
WESTERNPORT	39.0	21.9	30.5		57	5	7	25*	994	0	2	27	0	2.96		1.23	19	27.2	14	19	6	3	1
	40.8	23.2	32.0	- 3.0	59	5	5	23	948	0	1	26	0	3.53	1.00	1.15	19	29.5	8	1	1	1	1
DIVISION 07																							
			30.4	- 3.4										3.27	1.03			28.6					
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	32.3	16.3	24.3		48	5	2	23	1174	0	14	29	0	4.55		.68	19	52.7	33	28	16	2	0
OAKLAND 1 SE	34.0	13.5	23.8	- 6.0	51	5	-17	12	1191	0	14	29	4	3.39	-.07	.46	19*	35.4	14	28	13	0	0
SAVAGE RIVER DAM	35.7	15.6	25.7		52	6	1	25*	1133	0	8	27	0	2.34		.74	19		13	21*	6	1	0
SINES DEEP CREEK 2	34.4	14.8	24.6		50	5	8	12	1166	0	12	29	4	3.97		.51	19	46.4	21	29	13	1	0
DIVISION 08																							
			24.6	- 4.1										3.56	.27			44.8					
DELAWARE																							
NORTHERN 01																							
MIDDLETOWN 2 S																							
NEWARK UNIVERSITY FARM	40.7	23.6	32.2		54	5	11	23	943	0	3	27	0	2.48		.96	6	11.0	7	11	6	2	0
WILMINGTON CASTLE WB AP	39.2	24.0	31.6	- 2.2	55	5	11	23	962	0	4	26	0	3.37	.42	.94	6	14.9	6	12*	8	2	0
WILMINGTON PORTER RESVR	38.8	23.9	31.4		55	8	13	23	970	0	5	26	0	3.23	.44	.80	19	16.0	6	20*	8	2	0
DIVISION 01																							
			31.7	- 2.6										3.03	.18			14.0					
SOUTHERN 02																							
BRIDGEVILLE 1 NW	42.9	25.6	34.3	- 2.8	58	5	10	13	885	0	0	26	0	4.81	1.92	1.15	16	12.0	4	29*	8	3	1
DOVER	43.5	26.7	35.1	- 1.7	57	5	18	25*	859	0	1	24	0	5.35	2.32	2.02	19	12.1	8	12	6	4	1
GEORGETOWN 5 SW	44.2	25.7	35.0		58	5	11	13	865	0	0	25	0	4.42		1.06	16	10.5	5	12	8	4	1
LEWES 1 SW	43.9	26.9	35.4		59	5	16	13	852	0	0	24	0	5.18		.82	18	11.2	5	11	11	5	0
MILFORD 3 WNW	43.7	25.7	34.7		58	6	17	23	871	0	2	26	0	4.44		1.31	19	7.0	4	11	7	3	1
SELBYVILLE																							
			34.9	- 2.3										4.84	1.76			10.6					

See Reference Notes Following Station Index

DAILY TEMPERATURES

MARYLAND AND DELAWARE
FEBRUARY 1964

Continued

DELAWARE 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			
NORTHERN 01																																		
MIDDLETOWN 2 S	MAX																																	
NEWARK UNIVERSITY FARM	MIN	42	47	43	48	54	52	51	50	39	31	28	36	40	41	41	38	37	37	30	37	36	33	32	40	35	49	45	40	40		40.7		
	MIN	31	37	22	19	31	29	39	31	25	25	19	17	12	32	20	31	22	20	30	27	19	13	11	17	15	20	26	17	27		23.6		
WILMGTON NCASTLE WB AP	MAX	43	46	36	48	55	49	51	42	39	32	26	37	39	41	37	38	38	38	35	36	33	27	32	40	34	48	35	42	39		39.2		
	MIN	33	28	22	18	33	32	40	28	24	24	21	16	17	29	22	29	23	25	30	26	19	15	11	20	17	22	25	22	26		24.0		
WILMGTON PORTER RESVR	MAX	40	44	34	46	53	50	53	55	38	31	26	38	39	42	37	37	36	38	34	36	32	25	31	39	34	47	33	39	37		38.8		
	MIN	32	27	20	20	34	34	40	28	27	21	19	18	20	30	22	28	22	22	28	26	20	15	13	22	15	22	21	20	27		23.9		
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	MAX	43	46	42	46	58	56	53	43	43	37	33	35	42	44	42	45	42	42	41	40	38	34	35	46	40	53	51	36	38		42.9		
	MIN	35	38	25	22	30	31	28	25	27	29	23	18	10	34	21	30	25	25	31	29	25	20	17	24	20	26	28	24	23		25.6		
DCVER	MAX	44	48	45	46	57	56	54	51	42	40	29	36	43	44	42	42	39	39	40	40	38	35	34	47	42	55	52	40	41		43.5		
	MIN	34	39	25	23	34	32	41	30	26	28	22	19	18	35	21	31	24	23	31	29	25	21	18	22	18	25	29	23	27		26.7		
GEORGETOWN 5 SW	MAX	45	48	43	45	58	57	54	51	43	41	35	35	45	43	41	42	42	42	43	41	40	35	35	48	44	55	53	39	38		44.2		
	MIN	35	38	25	22	27	28	43	26	25	27	26	19	11	34	20	28	24	24	32	29	26	20	15	21	18	26	28	25	24		25.7		
LEWES 1 SW	MAX	44	49	42	46	59	53	56	50	45	39	35	35	46	44	38	46	38	42	45	43	38	34	34	50	38	57	50	40	36		43.9		
	MIN	35	39	25	22	26	33	41	29	25	31	26	22	16	34	24	31	25	18	32	29	26	22	19	24	22	28	26	26	25		26.9		
MILFORD 3 WNW	MAX	44	47	44	45	56	58	54	53	50	41	30	32	45	43	41	44	40	40	41	40	39	35	34	47	42	55	53	40	35		43.7		
	MIN	31	38	23	22	32	28	37	29	22	27	24	18	20	34	20	31	25	23	27	28	25	22	17	22	20	24	28	22	25		25.7		
SELBYVILLE	MAX																																	
	MIN																																	

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation				Percent of possible sunshine	Average sky cover sunrise to sunset			
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1:00 PM EST	7:00 PM EST	Trace	01-09	10-49	50-99			1.00-1.99	2.00 and over	Total
BALTIMORE WB AIRPORT, MD.	28	14	10.3	44	5	6	60	64	50	54	5	1	5	2	1	0	14	61	5.4
WASHINGTON WB CITY, D. C.	-	-	-	-	-	-	-	-	-	-	0	2	5	3	0	0	10	-	-
WILMINGTON-N CASTLE WB AP, DEL.	31	12	12.1	31++	28	8	69	74	58	65	6	2	6	2	0	0	16	-	5.6

DIRECTIONS ENTERED IN FIGURES ARE TENS OF DEGREES.

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
FEBRUARY 1964

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								0.5												T												1.3	
PRINCESS ANNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SALISBURY FAA AIRPORT								0.6			4.0	T			T				T	T										3.0	T		
SNOW HILL								1.0			0.5	2.3			0.5															T	5.5		
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE 4 W								1.0			5.0									T	T					T	T			T	6.0		
DENTON 1 S											5.0									T	T									1.0	1.0		
PRESTON 1 S								0.8			4.0									T	1.0									1.0	4.0		
ROYAL OAK								0.5			4.0									T	T						T		1.0	3.5			
LOWER SOUTHERN 03																																	
LA PLATA 1 W								0.5			7.7	T								T							T			1.0	2.2		
LEONARDTOWN 3 NW											4.0																			0.5	4.5		
UPPER SOUTHERN 04																																	
ANNAPOLIS											6.0									T	T									2.0			
BALTIMORE WB AIRPORT	0.7								T		0.5	8.6								5.7	1.3	T								1.4			
COLLEGE PARK	T										7.0									T	T									1.5			
FORT GEORGE G MEADE	T										9.0									T	T									0.5	T		
GLENN DALE BELL STA											6.5										T	T									4.0		
NORTHERN EASTERN SHORE 05																																	
CHESTERTOWN											0.3	8.0								T	1.0	1.0									4.0		
MILLINGTON											1.0	8.0																			4.0		
NORTHERN CENTRAL 06																																	
BROOKDALE											11.2										T	1.0	0.5							1.5	1.0		
CONOWINGO DAM											T	5.0									1.0	6.0	T							1.0			
EMMITSBURG 2 SE	1.0										T	4.0								1.5	1.0								2.0	4.0			
FREDERICK WFMD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PARKTON 2 SW	0.8										T	7.5								8.0	5.0	0.2								3.5			
UNIONVILLE	0.8										1.0	7.0								1.0	7.0									2.0	2.0		
WESTMINSTER	1.0	T									1.0	8.0								2.0	1.0	1.0	1.0						3.0	2.0			
WOODSTOCK	T										T	9.0								1.4	4.5	T							1.5	T			
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND	0.8	T									1.7	4.3								1.5	T									4.2			
FROSTBURG	2.0	1.0									1.0	4.0								2.0	T									0.3	4.0		
HAGERSTOWN	T										1.5	5.0								1.0	2.0									2.5	1.0		
HANCOCK FRUIT LAB	0.2										1.0	5.5								0.7	T									2.0			
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	1.3	1.8									2.0	2.0	1.0							3.8										4.4	1.3	7.5	
DAKLAND 1 SE	T	0.5									1.0	2.5								3.0									3.0	0.5	5.2	0.6	
SAVAGE RIVER DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

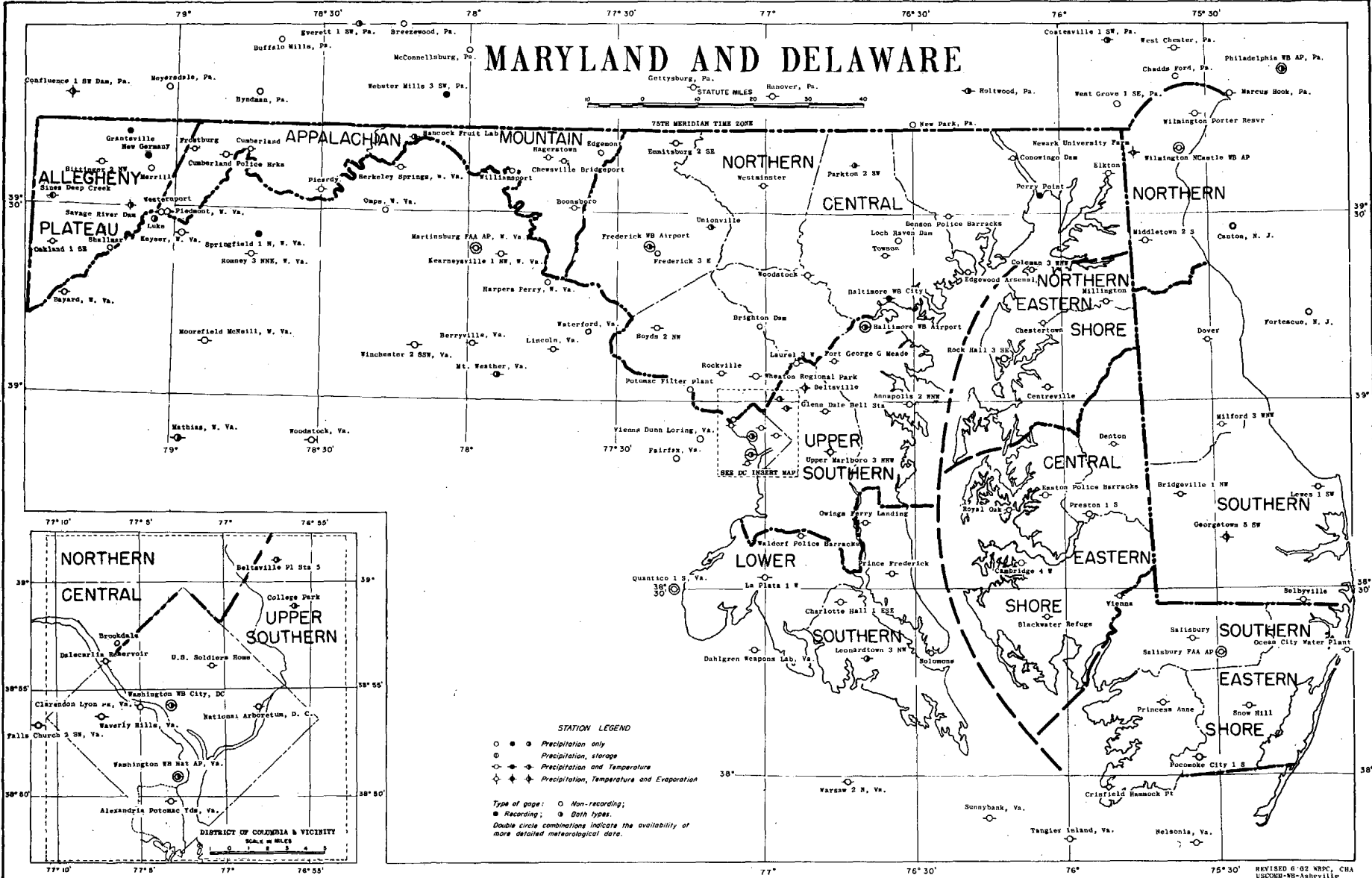
Continued

MARYLAND AND DELAWARE
FEBRUARY 1964

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		
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM										1.0	6.0									2.0												2.0	
SNOWFALL										1	7	5	3	2	T	T				2											T		
SN ON GND																																	
WILMGTN NCASTLE WB AP	T									1.8	5.8		T	T	0.7	T		2.5	2.3	T											1.8	T	
SNOWFALL										T	4	6	4	3	1	1	T	T	3	2	2	2	2	2	1	T	T	T		T			
SN ON GND																																	
WTR EQUIV										.3	.4	.3	.3					1.0	.8	.5	.4	.4									.1		
WILMGTN PORTER RESVR										1.0	6.0		T	3	2	0.5	2	1	1	2.5	3.0										3.0	4	2
SNOWFALL										1	6	5	T	3	2	2	1	1	3	6	6	5	5	5	5	4	2	2	4	4	2		
SN ON GND																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW										1.0			4.0	1.0							T	1.0								2.0	3.0	4	
SNOWFALL										T			4	4							T									2	4	4	
SN ON GND																																	
DOVER											0.8	7.0	0.5								T	T									3.8	4	
SNOWFALL											1	7	8	6	T	T					T	T									4	4	
SN ON GND																																	
GEORGETOWN 5 SW										1.0			4.0	1.0							0.5										4.0	4	3
SNOWFALL												4	5	3	1	T																	
SN ON GND																																	

See Reference Notes Following Station Index

MARYLAND AND DELAWARE



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.