

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JANUARY 1953
Volume LVII No. 1



MARYLAND AND DELAWARE - JANUARY 1953

G. N. Brancato, Section Director - Baltimore, Md.

WEATHER SUMMARY

This was the fifth January in succession with mean temperatures well above normal. Precipitation amounts generally were above normal but the excess was not as pronounced as was the case with mean temperatures. Snowfall totals were well below the average. The number of cloudy days was well above the average for January and this lowered the percentage of sunshine noticeably.

For Maryland, it was the seventh warmest January of record, and for Delaware it was the ninth warmest. Delaware mean temperatures varied from 41.7° at Bridgeville to 37.2° at Wilmington Porter Reservoir. Extreme temperatures for that State were 70° on the 16th at Lewes, Georgetown and Bridgeville, and 16° on the 30th at Millsboro. Maryland mean temperatures ranged from 45.7° at Ocean City to 32.4° at Sines Deep Creek. This State's extreme temperatures were 75° at Ocean City on the 16th and 2° above zero at Oakland on the 2nd. Temperature departures from normal were fairly uniform over the Section, ranging from about 4° above normal at Frostburg, Maryland, and Millsboro, Delaware, up to about 8° above normal at Takoma Park Miss Ave. and Charlotte Hall, Maryland. A large part of the Delmar Peninsula, as well as scattered parts of northern Delaware and northern and central Maryland, had temperature departures of six or more degrees above normal.

Due principally to the lack of movements of cold air from the Arctic region directly to the Maryland-Delaware Section, there were no unusually cold periods during this January. It was moderately cold during the first week and briefly near the 30th with most stations reporting the lowest readings on the 30th. The warmest conditions were on the 16th at practically all stations with mercury levels ranging from 60° to 70° .

Precipitation amounts averaged slightly

above normal. They were above normal by two to three inches in New Castle County, Delaware, and in Cecil, Harford, and portions of Kent, Allegany and Garrett Counties of Maryland. Amounts were less than normal but by one-half inch or less in Worcester County, and parts of Wicomico, Somerset, Kent, and Queen Annes and Talbot Counties of Maryland and in part of Sussex County of Delaware.

Most of the month's precipitation came in two periods. The first period extended from the 7th through the 11th when very slow moving high pressure over Eastern Canada and low pressure over the Southern States brought almost continuous overcast and generally light precipitation for several days. Rain was heavy but brief on the 24th. Practically all of the greatest 24-hour amounts were reported during these two periods with the greater number occurring on the 9th. Garrett County stations had rather frequent periods of precipitation.

Totals of snowfall were light in most areas. Delaware, with amounts averaging about 60% of normal, had monthly depths ranging from one-half inch at Georgetown to about four inches in the Wilmington area. Maryland, with totals averaging less than 30% of normal, had station totals ranging from 24 inches in Garrett County to amounts too small to measure at some stations in southern and southeastern counties. To the east of the mountains, very little snow fell other than on the 7th. Snow was frequent in Garrett County with a nine-inch fall being reported on the 21st. Light sleet occurred at a number of stations on the 7-8th, and at a few stations on the 27th.

Winter grains were in fair to good condition during the month but all vegetation was dormant. Farm work was limited and seasonal. Inclement weather conditions produced little or no interruption in transportation.

H.L.A.

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JANUARY 1959

TABLE 2 - 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, Hail			No. of Days					
										Max.	Min.						Total	Date	Max. Depth on Ground	Date	01 or More	50 or More	100 or More		
SALISBURY CAA AIRPORT	51.2	32.7	42.0			69	16	22	5+	707	0	0	15	0	3.46		.98	9	*3	T	5	14	1	0	
SALISBURY U S G S	51.8	34.6	43.1			71	17	23	5	755	0	0	13	0	3.91		.74	9	*0	0	16	16	3	0	
SANDY POINT	47.2	33.5	40.4			70	16	22	5	755	0	0	14	0	4.92		1.45	9	0	T	0	14	16	2	2
SAVAGE RIVER DAM	41.0	24.1	32.6			57	25	13	6	758	0	0	4	29	0	4.21		.71	22			14	2	0	
SILVER HILL OBSERVATORY	47.7	33.0	40.4			72	16	25	29+	758	0	0	14	0	4.15		1.29	24	2.7	2	6	15	3	1	
SINES DEEP CREEK	41.1	23.7	32.4	4.9	56	15	9	2	1002	0	0	31	0	5.38		1.60	.63	8			19	4	0		
SNOW HILL	52.1	34.5	43.3	6.2	70	16	22	5	664	0	0	13	0	3.53		.32	.58	10	1.0	1	4	16	2	0	
SOLOMONS	49.6	36.3	43.0	6.6	71	16	28	5+	676	0	0	8	0	3.83		.73	.59	9	T	T	4	16	3	0	
STEVENSVILLE I W	46.8	34.6	40.6		60	16+	21	5	748	0	0	13	0	4.85		1.55	.9	*0	0		15				
TAKOMA PARK MISS AVE	49.0	32.0	40.5	7.8	72	16	22	5	754	0	0	16	0	3.64		.76	.92	9	2.5	T	4+	14	2	0	
TONOLLOWAY	46.4	27.3	36.9	5.3	63	16+	12	30	864	0	0	27	0	4.12		1.61			6.0			9			
TOWSON	48.4	30.8	39.6	6.6	69	31	21	5	780	0	0	18	0	5.00		1.37	1.82	9			15	3	1		
UNIONVILLE	45.1	26.1	35.6	3.2	66	24	14	5	903	0	0	26	0	4.22		.94	9	5.5	3	7	13	3	0		
VIENNA	51.5	33.8	42.7		71	16	22	5	685	0	0	15	0	4.01		.80	9	2.0	2	4	15	2	0		
VIERS MILL	48.7M	29.7M	39.2M		70	16	17	5	793	0	0	V	7.93		1.10	9					12				
WALDORF POLICE BRKS	50.9	30.9	40.9		74	16	19	5+	740	0	0	16	0	4.27		1.10	9	T	0		14	2	2		
WATERLOO POLICE BRKS	49.6	31.0	40.3		71	16	19	30	756	0	0	17	0	4.55		1.70	9	4.5	0		15	1	1		
WESTERN PORT	46.0	29.2	37.6	5.8	64	15	19	2	841	0	0	22	0	4.97		2.24	1.05	21			13	5	1		
WESTMINSTER	45.1	29.1	37.1	5.2	66	24	17	5	859	0	0	21	0	4.58		1.37	1.12	9	5.0	4	8	10	4	1	
WOODSTOCK COLLEGE	47.6	28.4	38.0	5.8	68	16	16	30	828	0	0	23	0	4.41		1.12	1.28	9	2.0	2	7+	15	4	1	
DISTRICT OF COLUMBIA																									
DALECARLIA RESERVOIR DC	49.6	32.0	40.8		71	16	20	5	744	0	0	16	0	4.09		.95	9	T	0		15	2	0		
NATIONAL ARBORETUM DC	50.3M	33.3	41.8M		71	16	24	5	706	0	0	16	0	4.71		1.17	9	T	0		13	4	1		
U S SOLDIERS HOME D C	47.7	31.0	39.4		72	17	22	5	720	0	0	18	0	4.68		1.18	12	*0	0		14	4	2		
WASHINGTON WB CITY DC	48.3	34.5	41.4	4.9	73	16	25	5	724	0	0	12	0	3.67		.26	.80	24	1.0	T	7	15	3	0	
MARYLAND AND D C			39.3	5.7												4.41	1.04		2.9						
DELAWARE																									
BRIDGEVILLE	50.6	32.8	41.7	6.3	70	16	19	5	713	0	0	16	0	3.85		.24	.75	9	3.5	1	4	17	1	0	
DELAWARE CITY REEDY PT	46.0	30.8	38.4	5.3	58	24	17+	5	819	0	0	21	0	5.89		2.79	1.75	9	3.0	0		13	3	2	
DOVER	49.5	33.0	41.3	6.1	69	16	22	30	728	0	0	15	0	4.26		.73	1.04	9	1.0	T	4+	14	2	1	
GEOGETOWN	51.3	31.3	41.3		70	16	18	30	727	0	0	18	0	3.22		.75	9	*5	1	5	14	1	0		
LAUREL 2 SW																									
LEWES	48.5	33.2	41.4		70	16	20	30	728	0	0	15	0	4.13		1.15	9	2.6	1	4	17	1	1		
MIDDLETOWN 2 S	47.2	30.8	39.0		64	16+	24	2+	799	0	0	19	0	5.12		1.81	24	1.0	0		16	2	2		
MILFORD	50.1	31.9	41.0	5.1	69	16	20	29+	739	0	0	17	0	3.60		-26	.84	9	1.0			15	1	0	
MILLSBORO	50.0	29.7	39.9	4.0	68	16	16	30	770	0	0	17	0	3.60		-27	.79	9	*8	0		14	1	0	
NEWARK COLLEGE FARM	45.5	29.0	37.3	6.3	62	24	18	30	855	0	0	20	0	5.96		2.81	1.65	24	1.0	T	1	12	4	2	
WILMINGTON N CASTLE WB AP	44.9	30.2	37.6	4.3	60	16+	22	30	846	0	0	20	0	5.14		1.58	1.49	24	5.2	3	7+	14	3	1	
WILMINGTON PORTER RESVR	44.1	30.3	37.2	4.5	61	24	21	17+	855	0	0	19	0	4.87		1.33	1.46	24	2.1	2	6	14	3	1	
STATE			39.6	4.5												4.51	.92		2.0						
SECTION			39.3	5.5												4.43	1.03		2.8						

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JANUARY 1955

Table 3—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																																			
BRIDGEVILLE	3.65	.33	.44	.02	.10	.15	.29	.75	.36	.05	.26					T	.27	.01	.27	.09	.32	.08													
DELAWARE CITY REEDY PT	5.89	.08	.35			.30	.60	.75	.60	.09	.12					T	.08		.13	.65	.29	.09	T												
DOVER	4.26	.25	.36	T	T	.09	.45	.04	.38	.10	.15					T	.20	T	.31	.13	.60	.05	T												
GEORGETOWN	3.22	.10	.38		.04	.10	.24	.75	.32	.05	.12						.30		.22	.02	.32														
LAUREL 2 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.20	.05													
LEWES	4.13	.21	.48	.04	.10	.15	.32	.15	.26	.05	.11						.27	.02	.34	.13	.33	.02													
MIDDLETON 2 S	5.12	.12	.38			.19	.47	.03	.34	.09	.08						.21	.12	.01	.10	.10	.81	.03												
MILFORD	3.60	.24	.44	.03		.05	.31	.84	.29	.05	.18						.22		.46	.11	.25		.06												
MILLSBORO	3.00	.11	.46		.04	.11	.29	.79	.46	.03	.08						.34		.33	.43															
NEWARK COLLEGE FARM	5.96	.22	.34			.25	.70	.45	.54	.11							.25		.22	.11	.65														
WILMINGTON N CASTLE WB A	5.14	*	.19	.09		.25	.22	.75	.93	.30	.16	.02					T	.37		.23	.149	.01	T	.13	T		T								
WILMINGTON CITY HALL	5.16	*				.50	.25	.05	.88	*							T	*	.38	*	.19		1.40	T	.09	T									
WILMINGTON PORTER RESVR	4.67	*	.19	.12		.11	.13	.84	.92	.28	.09	.02					T	.41		.21	.46	.01													

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JANUARY 1955

Table 5 - 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	
WILMINGTON N CASTLE WB AP	MAX	43	46	42	40	36	36	35	40	41	40	40	38	45	55	59	60	38	45	48	49	43	46	52	60	41	37	42	52	42	42	58	44.9
	MIN	26	24	34	31	27	26	29	29	33	35	36	28	27	30	33	33	22	36	30	36	35	31	30	40	31	25	26	31	24	22	36	30.2
WILMINGTON PORTER RESVR	MAX	42	44	40	40	36	35	34	40	40	40	39	37	45	53	59	58	38	45	46	51	42	46	50	61	41	35	41	51	40	40	57	44.1
	MIN	26	29	34	30	27	27	29	28	34	34	35	29	28	33	35	32	21	35	29	35	35	34	31	40	30	24	23	30	25	21	37	30.3

EVAPORATION AND WIND

Table 6

Station		Day of month																													$\frac{\text{in}}{\text{in}}$	Av	
		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	
SALISBURY U. S. G. S	EVAP	.00	.03	.00	.06	*	.04	.00	.00	.00	.00	.02	.03	.10	.06	.10	.03	.16	.09	.00	.06	.05	.02	.04	.09	.08	.13	.06	.00	.06	.10	.10	1.49
	WIND	150	37	31	27	24	16	42	49	19	23	71	104	91	55	13	70	107	45	19	33	38	180	17	104	114	81	111	75	70	71	44	1891

Table 7

SNOWFALL AND SNOW ON GROUND

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				
ABERDEEN PHILLIPS FIELD	SNOWFALL SN ON GND	.3					2.9 3	2.8 3	2.5 1																											
ANNAPOLIS U S N ACADEMY	SNOWFALL SN ON GND	T			.5		1.0	T								T																				
BALTIMORE WB AIRPORT	SNOWFALL SN ON GND	T			.4	T	2.0	T 1	T 1							T																				
BENSON POLICE BARRACKS	SNOWFALL SN ON GND	.5 1						3.0 3	.5 1																											
BENTLEY SPRINGS	SNOWFALL SN ON GND	2.0 3	2	1	T		T	4.0 4	3	2	1	T 1																								
BRIGHTON DAM	SNOWFALL SN ON GND	.5 1						2.0 1	1	T																										
CAMBRIDGE 5 W	SNOWFALL SN ON GND				1.0 1		T		T T																											
CHARLOTTE HALL	SNOWFALL SN ON GND				.5 1				.5																											
CHELTENHAM	SNOWFALL SN ON GND	T					T		1.0 1																											
CHESTERTOWN	SNOWFALL SN ON GND	T					T	1.5 2	.5 1	T						T	T																			
CHEWESVILLE BRIDGEPORT	SNOWFALL SN ON GND	T	T				T	3.0 2	1.5 3	2	T	T	T																							
CLEAR SPRING	SNOWFALL SN ON GND	4	T				T	T								T	2.0 2	2.0 1	T																	
CONOWINGO POLICE BRKS	SNOWFALL SN ON GND	1.0							2.0 2.0	2.0																										
CRISPFIELD	SNOWFALL SN ON GND						T	T																												
CUMBERLAND POLICE BRKS	SNOWFALL SN ON GND	.3	1.0		T	T			6.0							T																				
DENTON	SNOWFALL SN ON GND				1.0 1		T																													
DUNDALK	SNOWFALL SN ON GND	1.0				T	T		1.8 1	.2	T																									
ELKTON	SNOWFALL SN ON GND	T						2.0 2	T 2	.2	T																									
FORT GEORGE G MEADE	SNOWFALL SN ON GND	T				T	T			1.5 T						T																				
FREDERICK POLICE BRKS	SNOWFALL SN ON GND					T			3.0	1.0						T																				
FREDERICK WB AP	SNOWFALL SN ON GND WTR EQUIV						T	T		2.0 2	1.0 3	1				T																				
FRIENDSVILLE 4 NNW	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
FROSTBURG	SNOWFALL SN ON GND	.3	7	7	.5	.5	.2	T	5	5.0 10	8	7	5	.4	4	4	4	3	T	T			5.0 3	T		1.5 2		T	T							
GLENN DALE BELL STA	SNOWFALL SN ON GND	T			.5	T			1.5 T							T																				
HANCOCK FRUIT LAB	SNOWFALL SN ON GND	1.5 1	T	.5	T	T		4.5 4	1.0 4	T 3	2	1				T										T	T									
HUNTINGTOWN	SNOWFALL SN ON GND					T	T			1.0																										
KEEDYSVILLE	SNOWFALL SN ON GND	1	T						3.0 2	3.0 1	1	T																								
LA PLATA	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
LAUREL 3 W	SNOWFALL SN ON GND						T			1.7 1	1	1																								
LEONARDTOWN 4 SSW	SNOWFALL SN ON GND						T	T		3.0 1	1.0 1					T																				
LISBON	SNOWFALL SN ON GND	T					T	T																												
MILLINGTON	SNOWFALL SN ON GND	.5								.5																										
NEW GERMANY	SNOWFALL SN ON GND	7	-	-	6	-	-	10	12	14	-	12	11	10	8	8	8	6	4	4	4	4	4	6	-	5	-	9	8	3	-	-				
OAKLAND	SNOWFALL SN ON GND	3	2	2	.5	2.0 3	.2	2.0 5	5	8	7	6	5	.5	4	3	2	T	9.0 7	3	T		3.0 3	1	T	2.0 2	1	T								
OWINGS FERRY LANDING	SNOWFALL SN ON GND						T	T		T						T																				
POCOMOKE CITY 4 SW	SNOWFALL SN ON GND							1.0 1																												
PRESTON 1 S	SNOWFALL SN ON GND						1.2 1	.4	T	1.0																										
PRINCE FREDERICK	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ROCK HALL 3 N	SNOWFALL SN ON GND	T					.2		2.0 T	T																										

See reference notes following Station Index.

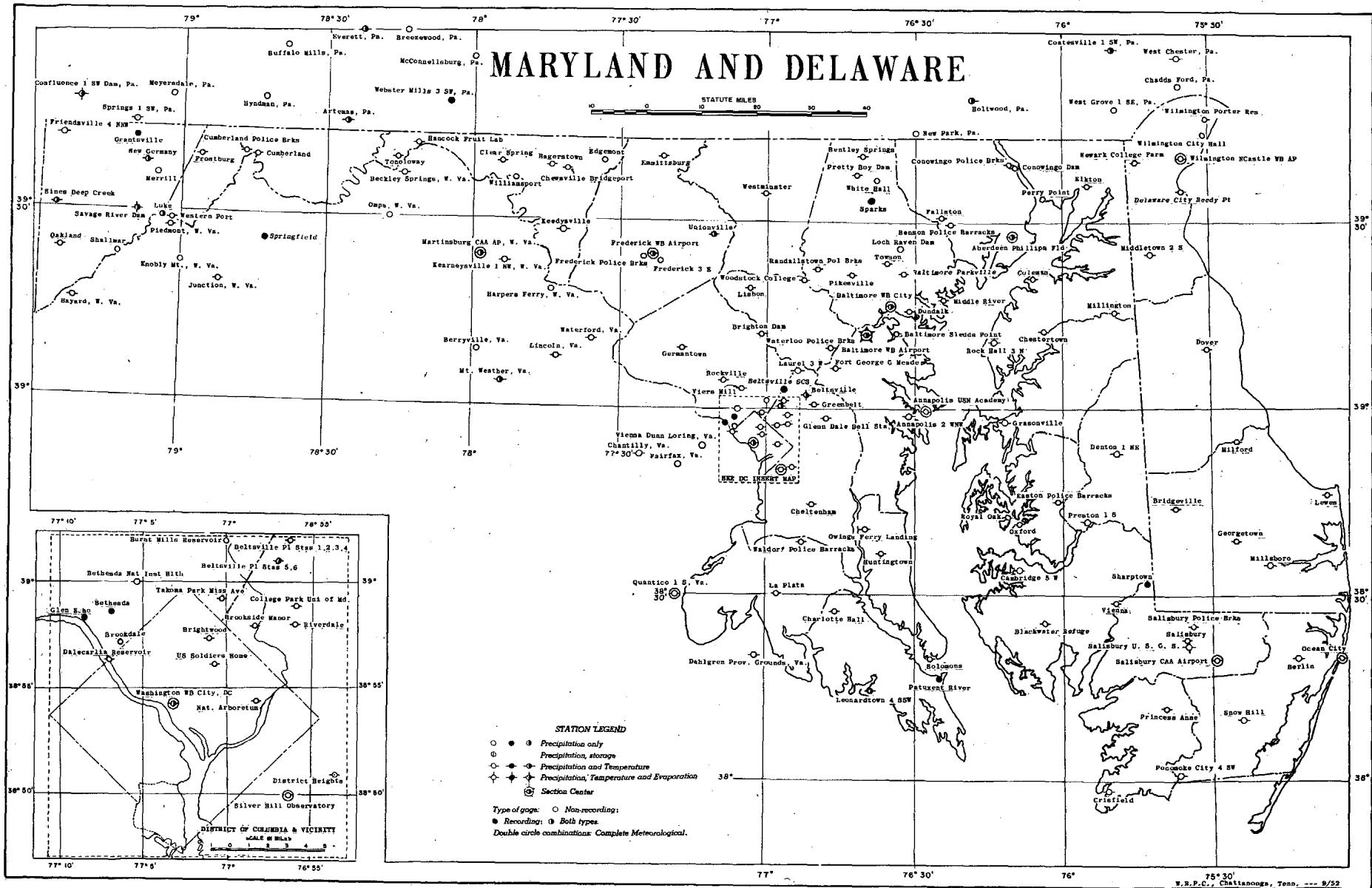
Table 7 - Continued

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
JANUARY 1953

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		
ROCKVILLE	SNOWFALL SN ON GND	.5		.1				2.0																										
ROYAL OAK	SNOWFALL SN ON GND	T		.5	.5	T	T	1.0	T																							T		
SALISBURY	SNOWFALL SN ON GND			.5	1																													
SNOW HILL	SNOWFALL SN ON GND			1.0	1		T	T																										
SOLOMONS	SNOWFALL SN ON GND					T	T																											
TAKOMA PARK MISS AVE	SNOWFALL SN ON GND	,5				T	T			1.5	T	.5																				T		
TOWSON	SNOWFALL SN ON GND					T				-	-																							
UNIONVILLE	SNOWFALL SN ON GND	2.0	1	1		T	T		2.5	3	1.0	2																			T			
VIENNA	SNOWFALL SN ON GND			2.0	2																													
WASHINGTON WB CITY	SNOWFALL SN ON GND	T			T			1.0	T	T																					T	T		
WESTERN PORT	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WESTMINSTER	SNOWFALL SN ON GND	2	1	T	T	T	T	T	3.0	2	2.0	4	3	2	T	1	T	T												T	T			
WOODSTOCK COLLEGE	SNOWFALL SN ON GND	T	T			T	T	T	2.0	2	2	T																						
DELAWARE																																		
BRIDGEVILLE	SNOWFALL SN ON GND					.5	1.0	T	.T	2.0																								
DOVER	SNOWFALL SN ON GND	T				T	T	T	T	1.0	T	T																						
LAUREL 2 SW	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LEWES	SNOWFALL SN ON GND					1.8	1	T	T	.8																								
NEWARK COLLEGE FARM	SNOWFALL SN ON GND	T								1.0	T																							
WILMINGTON NCASTLE WB AP	SNOWFALL SN ON GND WTR EQUIV	1	1						2.7	2.2	.3	3	3	.3	.4															T	T	T		
WILMINGTON PORTER RES	SNOWFALL SN ON GND	T							1.5	2	.6	T																						

See reference notes following Station Index.



Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".