

U. S. DEPARTMENT OF COMMERCE  
LEWIS L. STRAUSS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

MARCH 1959  
Volume LXIII No. 3



ASHEVILLE: 1959

MARYLAND AND DELAWARE - MARCH 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 81° on the 26+ at 4 stations, Md.

Lowest Temperature: 10° on the 8th at Sines Deep Creek, Md.

Greatest Total Precipitation: 5.09 inches at Selbyville, Del.

Least Total Precipitation: 1.88 inches at Savage River Dam, Md.

Greatest One-Day Precipitation: 1.71 inches on the 6th at Baltimore  
Hamilton, Md.

Greatest Reported Total Snowfall: 18.1 inches at New Germany, Md.

Greatest Reported Depth of Snow on Ground: 15 inches on the 14th at  
New Germany, Md.



# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE  
MARCH 1959

CONTINUED

Station	Temperature														Precipitation								
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										50° or Above	32° or Below	32° or Below	50° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
EMMITSBURG 2 SE FREDERICK POLICE BRKS FREDERICK WB AIRPORT MIDDLE RIVER 1 N PARKTON 2 SW	54.6M 55.4 52.8 54.1M 51.4	27.7M 29.7 28.4 28.8M 26.9	41.2M 42.6 40.6 41.5M 39.2	- 2.7	78 25 78 25 78 25 75 24 77 25	16 29+ 20 23 17 23 15 29 15 29	733 686 752 722 795	0 0 0 0 0 0 0 0 0 0	25 0 19 0 22 0 19 0 26 0	0 0 0 0 0 0 0 0 0 0	3.13 2.07 2.44 2.44 2.97	- .87	1.47 1.06 .80 1.0 5.5	6 6 6 6 6	4.3 2.0 2.0 1.0 5.5	3 1 2 1 1	12 12 12 12 11	6 12 8 12 7	2 5 8 1 3	1 1 0 0 0			
PIKESVILLE POLICE BRKS RANDALLSTOWN POL BRKS ROCKVILLE TAKOMA PARK MISS AVE TOWSON	54.7 55.7 58.5 57.5 56.5	32.1 31.0 32.0 32.6 28.4	43.4 43.4 45.3 45.1 42.5		75 26+ 78 25 80 25 79 25 78 25	20 29 20 29 22 23+ 23 23+ 18 23+	659 664 605 611 694	0 0 0 0 0 0 0 0 0 0	15 0 17 0 16 0 16 0 25 0	0 0 0 0 0 0 0 0 0 0	2.93 2.29 2.55 2.48 3.09	- 1.18	1.30 .92 1.01 1.24 1.56	6 6 6 6 6	.0 0 0 0 0	0 0 0 0 0	12 4 6 6 4	4 2 4 2 4	3 2 1 1 2				
UNIONVILLE VIERS MILL WATERLOO POLICE BRKS WESTMINSTER WOODSTOCK	53.2 58.0M 55.6 53.1 55.7M	26.8 30.7M 29.6 29.1 27.3M	40.0 44.4M 42.6 41.1 41.5M		78 25 79 25 74 25 76 25 77 25	15 29+ 19 19 18 19 18 23 15 29+	766 633 688 735 721	0 0 0 0 0 0 0 0 0 0	23 0 18 0 19 0 21 0 22 0	0 0 0 0 0 0 0 0 0 0	2.70 2.69 3.89 2.29 2.70	- 1.87 - .97	1.17 1.10 1.53 .98 1.18	6 6 6 6 6	.8 T 0 2.0 1.0	8 T 0 30+ 12	12 0 0 12 12	4 4 5 6 4	3 2 3 1 2				
DIVISION			42.3	.1							2.80	- 1.14		1.0									
APPALACHIAN MOUNTAIN																							
CHEWSVILLE BRIDGEPORT CLEAR SPRING 1 ENE CUMBERLAND CUMBERLAND POLICE BRKS FROSTBURG	53.0 53.5 52.8 50.1 49.0	28.4 29.5 29.3 25.9 26.9	40.7 41.5 41.1 38.0 38.0	- .3	77 25 78 25 78 25 67 25+ 74 25	18 23 19 23 17 23 14 29+ 15 22	743 720 738 829 833	0 0 0 0 0 0 1 28 0 1	21 0 20 0 21 0 28 0 23 0	0 0 0 0 0 0 0 0 0 0	1.94 2.45 2.44 1.90 3.24	- 1.31	.77 4.0 8.6 9.5 13.1	6 6 6 6 6	4.5 4.0 8 9 13	1 8 8 7 9	11 12 12 12 12	4 6 6 3 5	1 0 2 1 2				
HAGERSTOWN HANCOCK FRUIT LAB KEEDYSVILLE PICARDY WESTERNPORT	53.1 52.5 54.6 52.9 55.1	30.0 26.1 27.3 28.2 28.3	41.6 39.3 41.0 40.6 41.7	- 1.8	76 25 80 26 78 25 80 25 80 25	20 23+ 13 23 15 29+ 16 23 17 23	719 790 738 751 714	0 0 0 0 0 0 0 0 0 0	19 0 25 0 21 0 24 0 23 0	0 0 0 0 0 0 0 0 0 0	2.16 2.47 2.11 2.36 2.94	- 1.10 - 1.09 - 1.11 - .94	.86 .82 .94 5.4 1.40	6 6 6 27+ 6	4.0 6.5 2.0 5.5	1 12 5 5	12 5 1 1	4 1 1 3	1 0 0 2				
DIVISION			40.4	- 1.1							2.40	- 1.22		6.4									
ALLEGHENY PLATEAU																							
BITTINGER 2 NW NEW GERMANY OAKLAND 1 SE SAVAGE RIVER DAM SINES DEEP CREEK	46.0 44.6 48.3 47.8 46.7	22.3 21.5 22.6 24.5 22.6	34.2 33.1 35.5 36.2 34.7	- 1.3	71 25 70 26 72 25 70 26 72 25	11 22 12 23+ 11 23 15 24+ 10 8	948 982 909 885 936	0 5 0 5 0 3 0 3 0 5	28 0 30 0 29 0 27 0 30 0	0 0 0 0 0 0 0 0 0 0	3.16 3.37 3.59 1.88 3.51	- 1.14	1.00 1.18 1.04 .76 .78	6 6 6 6 6	12.0 18.1 16.4 8.0 10	8 15 9 8 10	13+ 14 13 12 13	8 6 8 4 9	3 2 3 2 3				
DIVISION			34.7	- 1.0							3.10	- 1.42		13.6									
DELAWARE																							
NORTHERN																							
MIDDLETOWN 2 S NEWARK UNIVERSITY FARM WILMGTN N CASTLE WBAP WILMINGTON PORTER RESVR	55.3M 54.6 51.5 50.5	32.2 29.8 30.6 31.1	43.8M 42.2 41.1 40.8	- 1.4	79 25 76 25 71 24 72 25	24 29+ 19 23 20 23 22 29+	659 696 734 744	0 0 0 0 0 18 0 0	16 0 20 0 18 0 16 0	0 0 0 0 0 0 0 0	3.16 3.19 2.97 3.58	- .64 - .64	.85 1.23 1.03 1.17	6 6 6 6	T 0 1.9 1	0 0 28+ 11	6 5 5 6	2 1 2 4					
DIVISION			42.0	- .2							3.23	- .79		1.0									
SOUTHERN																							
BRIDGEVILLE 1 NW DOVER GEORGETOWN 5 SW LEWES 1 SW MILFORD	57.1 56.7 57.3M 54.4 57.6	32.1 32.6 31.2M 34.5 32.3	44.6 44.7 44.3M 44.5 45.0	.4	79 25 74 25+ 79 25 72 24 79 25	18 23 23 29+ 16 23 21 19 20 23	624 625 634 629 612	0 0 0 0 0 18 0 0 0 13	15 0 14 0 18 0 10 0 13 0	0 0 0 0 0 0 0 0 0 0	3.07 3.27 3.39 3.25 3.29	- .93 - .91	.83 1.25 .86 .94 1.05	6 6 6 6 6	.5 T T 6 0	0 0 0 0 0	6 6 8 6 3	4 2 3 4 1					
SELBYVILLE	56.8	32.9	44.9		78 25	20 19	614	0 0	14 0	0 0	5.09		1.45	27	T	0							
DIVISION			44.7	.4							3.56	- .64		.2									

## 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 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99			2.00 and over
ANNAPOLIS USN ACADEMY, MD.	-	-	-	-	-	-	-	-	-	-	6	3	3	1	0	0	13	-
BALTIMORE WB AIRPORT, MD.	WNW	11	13.0	47	W	7+	66	71	44	52	5	3	4	1	0	14	67	5.3
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	1	0	7	1	0	9	-	
WASHINGTON WB CITY	S†	14†	9.0	43	SW	6	61†	67†	38†	44†	6	1	4	2	0	13	61†	5.1†
WILMINGTON WB AIRPORT, DEL.	WNW	14	11.3	32++	WSW	6	71	75	49	60	4	8	3	1	0	17	-	5.3

† Airport Data

See Reference Notes Following Station Index



# DAILY PRECIPITATION

MARYLAND AND DELAWARE  
MARCH 1959

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 1 NW	3.07	.02			.13	.83						.73		T								.08						.52	.17	.52	.07		
DOVER	3.27			.04	1.25					T		.89		T					T			.10					.14	.49	.30	.06			
GEORGETOWN 5 SW	3.39	.12		.17	.86							.75										.01					.70	.24	.41	.13			
LEWES 1 SW	3.25	.20	.03		.94							.54			.05							.02					.72	.14	.58	.05			
MIDDLETOWN 2 S	3.16			.08	.85						.14	.82				.03						.28					.06	.40	.09	.41			
MILFORD	3.29	.03		.15	1.05					.05		.68															.94	.20	*	.19			
NEWARK UNIVERSITY FARM	3.19			.02	1.23							.65		T								.02					.36	.27	.62	.02			
SELBYVILLE	3.09	.40	.02	.18	.91							.84			.05	T						.43				1.45	.15	.37	.29				
WILMINGTON NCASTLE WB AP	2.97			.03	.02	.13	1.03	T		.07	.08	.58		.02	T												.07	.39	.01	.49			
WILMINGTON PORTER RESVR	3.58			.01	.02	.10	1.17			.04	.08	.65		.01	.01			T				.05	.13				.04	.63	.01	.68			

See Reference Notes Following Station Index







# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
MARCH 1959

CONTINUED

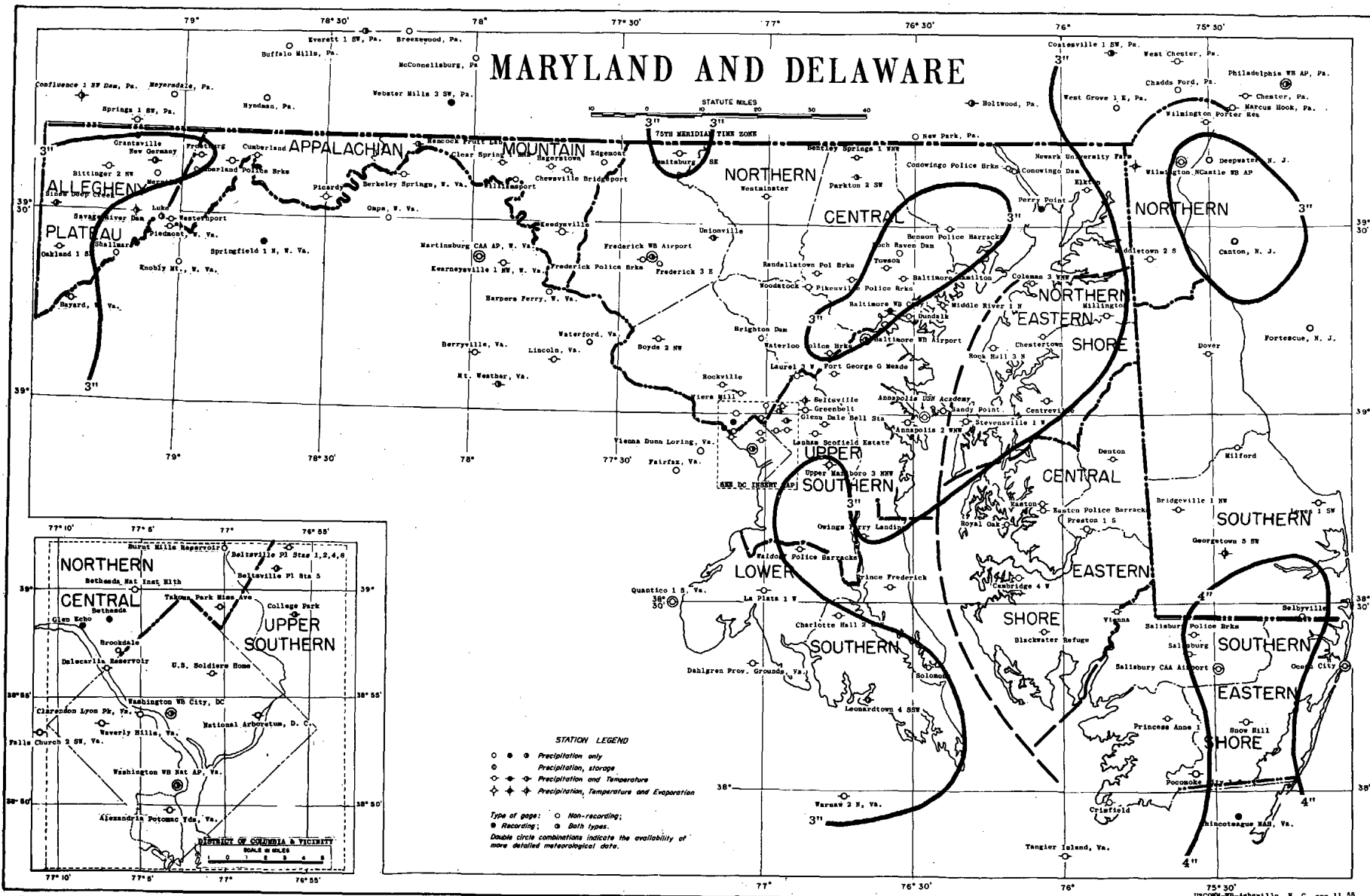
Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
TAKOMA PARK MISS AVE	MAX MIN	56 37	52 35	60 25	56 31	51 27	69 38	55 37	49 24	60 34	55 41	45 30	43 33	43 28	59 29	66 36	59 35	55 26	42 26	64 23	72 32	73 49	57 26	53 23	74 31	79 36	74 48	58 42	48 29	49 24	46 37	59 38	57.5 32.6
TOWSON	MAX MIN	58 31	57 33	54 21	55 29	55 21	68 31	54 31	48 27	57 32	56 38	46 25	42 28	40 24	54 24	60 32	59 31	52 22	62 18	71 30	70 44	54 22	52 18	74 21	78 32	77 44	58 38	45 24	45 20	44 32	59 35	56.5 28.4	
UNIONVILLE	MAX MIN	50 36	45 31	56 19	53 25	48 18	62 37	43 32	48 20	59 30	47 38	41 21	39 29	40 24	49 23	60 29	56 34	50 30	40 16	70 23	67 33	45 23	54 15	75 22	78 25	61 42	56 35	43 26	46 15	46 33	59 36	53.2 26.8	
U S SOLDIERS HOME D C	MAX MIN	57 40	46 35	60 28	56 32	50 29	71 38	48 29	49 26	58 35	53 38	46 31	46 29	61 31	62 28	59 36	53 34	53 30	44 25	72 33	70 41	65 27	72 41	54 36	77 41	78 36	74 44	54 35	46 28	54 25	44 36	59 37	56.4 32.6
UPPER MARLBORO 3 NNW	MAX MIN	58 34	56 34	45 17	59 27	57 19	64 35	69 36	46 16	49 33	59 40	51 25	43 33	44 29	61 30	63 35	53 19	53 25	62 15	65 33	72 46	72 25	42 16	55 25	75 27	80 40	63 63	44 28	44 17	48 32	56.3 28.1		
VIENNA	MAX MIN	50 36	44 35	58 28	58 33	55 32	70 42	62 39	49 25	57 35	52 39	47 34	55 37	49 31	68 29	59 42	57 38	56 32	67 29	67 40	67 44	62 30	54 21	73 39	70 46	71 45	63 38	46 30	50 24	55 32	60 41	58.0 34.3	
VIERS HILL	MAX MIN	58 38	50 34	50 22	55 30	50 24	67 38	50 36	49 21	58 31	59 39	48 28	43 28	42 28	63 28	58 34	54 24	48 19	48 25	73 32	71 48	64 19	55 29	77 48	77 32	59 45	47 28	45 22	61 36	58.0 30.7			
WALDORF POLICE BRKS	MAX MIN	56 37	53 37	60 20	59 20	55 24	68 44	61 37	50 20	61 35	58 37	50 28	46 35	46 30	59 26	60 34	60 34	53 24	46 24	75 47	66 32	71 47	51 28	56 20	76 44	81 33	78 44	58 44	45 29	44 23	61 31	58.6 31.0	
WASHINGTON WB CITY D C	MAX MIN	57 40	47 35	57 20	56 34	48 34	70 41	46 34	51 41	60 38	50 40	44 34	43 32	63 31	62 39	54 39	52 30	42 26	62 34	72 47	71 37	66 27	72 40	71 37	56 40	65 46	55 38	44 30	48 30	45 39	61 38	55.6 34.7	
WATERLOO POLICE BRKS	MAX MIN	55 33	55 35	57 20	54 27	53 23	66 36	53 35	46 20	61 29	59 41	46 28	41 33	53 28	61 35	58 26	51 22	43 24	61 18	70 26	68 41	57 26	52 20	72 24	74 30	71 44	58 42	42 28	45 19	42 31	58 39	55.6 29.6	
WESTERNPORT	MAX MIN	48 35	48 34	44 25	51 28	47 20	46 32	40 28	53 19	54 28	48 34	40 27	37 27	60 29	62 27	42 31	42 25	62 31	62 20	62 25	70 24	63 31	42 21	68 17	74 29	80 31	73 38	58 40	48 24	51 19	56 34	55.1 28.3	
WESTMINSTER	MAX MIN	50 34	45 32	55 24	50 29	45 22	63 36	49 29	45 24	55 31	53 35	40 24	36 29	37 23	60 26	55 30	50 34	40 24	63 32	70 42	67 42	55 21	53 18	72 34	72 36	70 41	54 38	43 30	44 20	46 32	57 36	53.1 29.1	
WOODSTOCK	MAX MIN	57 37	48 35	59 19	53 31	48 20	67 36	49 26	47 19	58 28	52 40	44 23	41 31	56 20	62 31	59 28	50 23	63 24	72 36	71 41	55 23	55 16	75 22	77 28	64 42	56 40	43 27	47 15	45 34	55.7 27.3			
DELAWARE																																	
BRIDGEVILLE 1 NW	MAX MIN	50 33	49 35	58 24	55 34	48 25	70 39	57 36	46 24	57 32	50 41	44 28	55 37	43 30	65 27	60 35	55 29	45 28	57 39	68 28	62 29	52 18	72 32	79 35	74 44	64 42	42 29	50 23	54 35	61 40	57.1 32.1		
DOVER	MAX MIN	50 32	48 36	59 25	55 35	54 25	73 38	57 37	46 25	59 33	56 38	42 33	50 34	42 29	64 32	60 38	51 27	51 28	61 23	72 39	72 45	65 27	51 24	74 36	74 35	70 43	55 40	40 28	45 23	46 36	60 40	56.7 32.6	
GEORGETOWN 5 SW	MAX MIN	45 32	45 31	57 24	54 34	51 23	70 39	59 38	45 24	59 32	52 40	45 29	50 36	44 30	66 24	60 37	55 36	49 28	59 18	69 38	70 40	65 29	53 16	73 32	79 32	74 42	64 42	43 29	50 20	55 34	57.3 31.2		
LEWES 1 SW	MAX MIN	43 36	41 35	51 27	55 34	53 30	70 41	55 36	42 26	60 35	48 38	40 35	55 35	44 28	54 38	58 38	49 36	41 28	60 23	71 39	70 46	58 30	45 25	72 38	71 39	65 42	63 40	46 30	43 27	51 38	53 42	54.4 34.5	
MIDDLETOWN 2 S	MAX MIN	54 36	46 32	58 28	56 34	48 24	70 42	48 32	48 28	60 38	46 32	44 34	44 32	42 30	58 36	54 30	52 28	54 34	62 24	73 34	75 34	41 26	53 24	75 33	79 36	66 44	50 36	42 30	54 24	52 40	55.3 32.2		
MILFORD	MAX MIN	56 33	48 33	59 25	55 34	52 25	72 38	57 34	43 25	58 32	55 39	44 30	55 36	43 22	61 34	60 37	53 38	47 28	59 22	70 38	70 44	64 28	53 20	73 34	79 36	73 44	60 39	40 28	47 23	58 34	63 40	57.6 32.3	
NEWARK UNIVERSITY FARM	MAX MIN	55 31	45 36	55 25	53 32	50 24	68 36	53 35	45 22	58 36	54 35	41 26	39 28	40 27	61 32	58 35	51 23	43 26	60 21	71 28	71 40	62 25	50 19	72 36	73 44	54 37	40 26	45 20	41 33	60 39	54.6 29.8		
SELBYVILLE	MAX MIN	48 31	45 33	52 25	55 34	53 24	69 41	61 40	47 25	58 33	51 40	44 32	54 36	44 29	58 37	58 38	51 32	48 28	59 20	69 39	67 39	60 30	52 21	73 35	78 35	74 43	65 42	43 30	45 24	55 36	59 42	56.8 32.9	
WILMGTON N CASTLE WBAP	MAX MIN	54 34	46 35	53 26	53 33	47 26	67 39	43 27	44 22	57 34	45 31	41 29	39 29	40 24	59 36	52 33	49 26	39 26	60 23	70 31	70 36	38 25	49 20	71 30	49 41	71 60	45 41	44 27	41 23	61 35	51.5 30.6		
WILMINGTON PORTER RESVR	MAX MIN	52 35	44 35	53 27	51 34	47 22	65 36	42 29	44 26	55 34	45 30	40 26	38 27	39 26	58 36	51 36	49 27	38 26	58 26	69 35	69 35	36 24	48 22	69 34	72 45	57 41	44 34	38 26	44 22	43 33	60 40	50.5 31.1	

# SNOWFALL AND SNOW ON GROUND

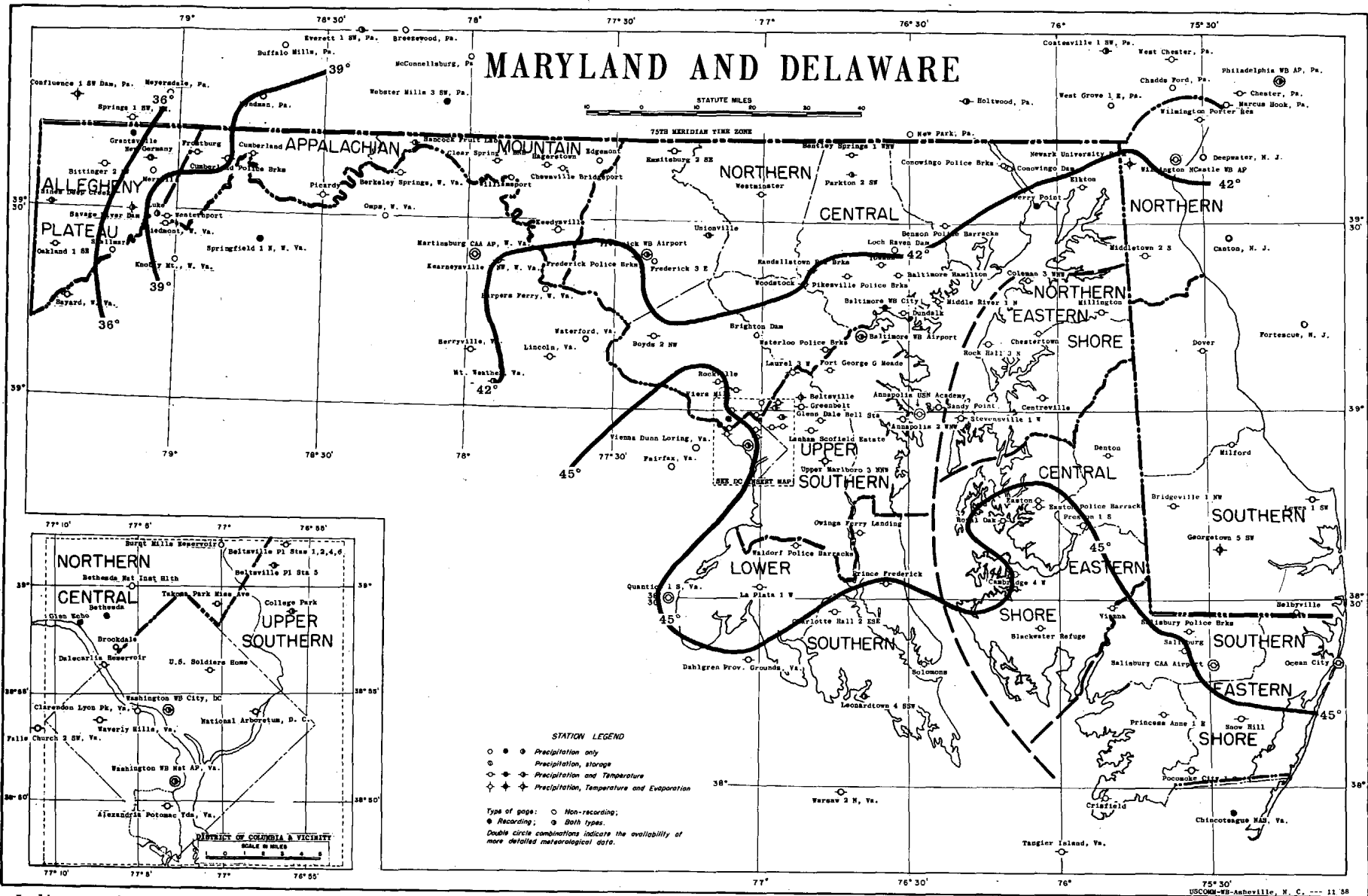
MARYLAND AND DELAWARE  
MARCH 1959

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							T				1.0	T	T																		T	T
BITTINGER 2 NW			1.0			T	1.0			1.0	1.0	6.0	1.0				1.0	T			T							T	T			
CONOWINGO DAM											T	1.0	T	T														T	T		T	
CUMBERLAND						.6	T	T			T	8.0	T	T	2			T				T	T						T	T		
DENTON												T																		.5		
DUNDALK												1.0																				
EMMITSBURG 2 SE											T	4.0																			.3	
FREDERICK WB AIRPORT											1.0	1.0	T	T																		
HAGERSTOWN							T				T	4.0		T	T																T	
HANCOCK FRUIT LAB							T					6.0	T																		.5	
KEEDYSVILLE											T	2.0																			T	
NEW GERMANY						T	T		T	.6		9.0	4.0	2.0					2.0									.5	1	T	T	
OAKLAND 1 SE	T		.6			T	2.0			1.5	.5	7.0	3.0				T	1.5		T	T							T	.3	T		
PARKTON 2 SW			T				T				1.5	3.0																T			1.0	
SAVAGE RIVER DAM				T								8.0								T			T									
SNOW HILL												T																		.5		
UNIONVILLE							T				T	.8	T																		T	
WASHINGTON WB CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WESTMINSTER							T					2.0		T																	T	T
WOODSTOCK											T	1.0																				
DELAWARE																																
BRIDGEVILLE 1 NW																														.5		
WILMINGTON NCASTLE WB AP							T			T	1.1	.3		.3														T	.2	T	T	
WILMINGTON PORTER RESVR											.5	T																		T		

See reference notes following Station Index.



Isohynes are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".



AVERAGE TEMPERATURE

MARYLAND AND DELAWARE  
MARCH 1959

Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

