

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA MARYLAND AND DELAWARE FEBRUARY 1971

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	60° or Above	32° or Above	0° or Below					Total	Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TOWSON	45.4	29.0	37.2		67	27+	7	2	770	0	5	15	0	7.10	4.12	1.41	13	.5	T	7+	10	6	3	
UNIONVILLE	42.4	25.3	33.9		65	19	5	2	865	0	5	20	0	4.37		1.01	13	.4	T	7+	9	3	1	
WESTMINSTER 2 SSE	41.5	26.0	33.8	- .1	64	27	3	2	868	0	5	18	0	5.17	2.35	1.13	14	1.5	T	15+	9	4	1	
WHEATON REGIONAL PARK	46.4	26.1	36.3		69	28+	6	3	799	0	5	19	0	5.88		1.38	13	.7	1	5+	9	5	2	
DIVISION			35.2		.7									5.61	2.86			1.0						
* * * APPALACHIAN MOUNTAIN 07																								
BOONSBORO	43.1	28.4	35.8		66	27	4	2	813	0	5	15	0	3.92		.84	13	4.3	2	11+	10	3	0	
CHEWSVILLE BRIDGEPORT	42.8	24.8	33.8	+.4	67	27	3	1	864	0	5	19	0	3.92	1.91	.80	13	4.0	T	8	9	3	0	
CUMBERLAND	43.5	24.5	34.0		65	27	3	2+	861	0	5	20	0	3.93		.80	5	9.0	7	10+	7	4	0	
CUMBERLAND POLICE BRKS	43.8	23.5	33.7		62	27+	3	2	872	0	5	20	0	4.61		1.70	13	7.0	5	8	9	3	1	
FRDSTBURG	39.5	21.0	30.3	- 1.1	58	20	- 4	2	967	0	9	22	2	4.79	2.29	1.01	13	13.1	10	10+	10	4	1	
HAGERSTOWN	42.4	26.0	34.2		66	27	1	2	856	0	5	15	0	3.79		.81	13	2.5	1	11+	8	3	0	
HANCOCK FRUIT LAB	39.5	24.8	32.2		65	28	3	2	914	0	8	20	0	4.13	2.03	.77	23	5.1	5	11+	8	5	0	
PICARDY	39.6M	23.6M	31.6M		63	20	3	2	925	0	5	18	0	2.92		.58	8	12.0	7	10+	8	3	0	
WESTERNPORT UPRC	42.9	24.5	33.7		63	20	2	2	870	0	5	19	0	3.41		.92	13	8.0	7	10+	7	3	0	
DIVISION			33.3	- .5										3.94	1.70			7.2						
* * * ALLEGHENY PLATEAU 08																								
BITTINGER 2 NW	35.1	18.7	26.9		56	19	- 9	2	1061	0	12	23	4	4.77		1.13	13	19.7	20	9	12	4	1	
MCHENRY 2 NW	35.6	18.7	27.2		61	27	- 8	3+	1053	0	13	24	5	4.42		.93	5	18.0	10	15+	11	3	0	
OAKLAND 1 SE	38.1	18.8	28.5	- 1.3	59	19	- 9	3	1016	0	10	23	4	4.09	.63	.95	13	12.9	4	10+	11	2	0	
SAVAGE RIVER DAM	36.9	19.0	28.0		60	21	-10	2	1031	0	9	24	3	3.59		.93	5	9.0	9	11+	9	2	0	
DIVISION			27.7	- 1.0										4.22	.93			14.9						
DELAWARE																								
* * * NORTHERN 01																								
MIDDLETOWN 1 WSW	45.7	27.4	36.6		66	21+	3	2	789	0	5	16	0	5.88		1.25	13	T	T	0	8	5	3	
NEWARK UNIVERSITY FARM	44.9	26.2	35.6		67	20	2	2	820	0	5	18	0	6.32		1.83	13	T	T	0	8	3	3	
WILMGTN NCASTLE WSD	43.4	27.5	35.5	1.7	66	20	3	1	821	0	5	17	0	6.29	3.34	1.75	13	.2	T	18+	8	3	3	
WILMGTN PORTER RESVR	42.8	26.2	34.5		65	20	2	2	848	0	5	16	0	6.67	3.88	2.00	13	T	0	0	8	3	3	
DIVISION			35.6	1.3										6.29	3.44			.1						
* * * SOUTHERN 02																								
BRIDGEVILLE 1 NW	48.0	28.5	38.3	1.2	70	27	- 1	1	742	0	4	15	1	6.03	3.14	1.45	8	1.0	2	2+	8	5	3	
DOVER	47.3	29.2	38.3	1.5	68	27+	7	2	743	0	5	15	0	6.27	3.24	1.90	8	T	T	16+	7	5	2	
GEORGETOWN 5 SW	45.9	26.7	36.3		69	28	0	1	797	0	5	17	1	4.88		1.42	23	T	T	4	8	3	2	
LEWES 1 SW	47.9	29.0	38.5		71	27	0	2	738	0	4	14	1	5.30		1.70	22	.2	1	1	6	3	2	
MILFORD 2 WSW	48.4	28.8	38.6		70	27	0	1	732	0	5	15	1	5.94		1.79	8	1.0	T	14+	7	5	3	
SELBYVILLE																								
DIVISION			38.0	.8										5.68	2.60			.4						

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 75° ON THE 27TH AT LEONARDTOWN 3 NW, MD.

LOWEST TEMPERATURE: -10° ON THE 2D AT SAVAGE RIVER DAM, MD.

GREATEST TOTAL PRECIPITATION: 7.20 INCHES AT ELKTON, MD.

LEAST TOTAL PRECIPITATION: 2.83 INCHES AT EDMONT, MD.

GREATEST ONE-DAY PRECIPITATION: 2.15 INCHES ON THE 22D AT BALTIMORE WSO, MD.

GREATEST REPORTED TOTAL SNOWFALL: 19.7 INCHES AT BITTINGER 2 NW, MD.

GREATEST REPORTED DEPTH OF SNOW ON GROUND: 20 INCHES ON THE 9TH AT BITTINGER 2 NW, MD.

See Reference Notes Following Station Index

MARYLAND AND DELAWARE - FEBRUARY 1971

SPECIAL WEATHER SUMMARY

Although early February was very cold, a mild second half brought monthly temperatures above normal, mostly 1/2° to 2° above normal. It was the warmest February since 1957 for both the Baltimore and Washington, D. C. first-order National Weather Service offices, and since 1960 for the Wilmington station.

February was one of the wettest on record in the eastern portion of Maryland and in Delaware where many stations reported totals exceeding 6 inches. At least five stations had totals over 7 inches. Such totals are unusual for February; the last occurring in 1964. Monthly totals over the two-state area ranged mostly between 4 and 7 inches. Heaviest totals were found in northern and central Eastern Shore, in central Maryland and in Delaware, while the least were found in southeast Maryland and in

western Maryland (See figure No. 1). An unusual feature of February's precipitation was that it was mostly in the form of rain. Many stations in the eastern half of Maryland and in Delaware reported totals between 1 and 2 inches during three separate periods, 7th-8th, 13th-14th, and 22d-23d, which caused minor flooding along streams and in low-lying areas. There was considerable thunderstorm activity, mainly in the eastern half of Maryland and in Delaware. Occurrences in the two-state area were noted on the 7th, 8th, 13th, 20th, 22d, and 27th; however, only one station, Snow Hill, reported as many as 3 days for the month.

February snowfall ranged from little or none in eastern Maryland and in Delaware, and from 4 to 20 inches in western Maryland.

W. J. Moyer
NOAA Climatologist-Maryland and Delaware
Room 101, Jull Hall
University of Maryland
College Park, Maryland 20740

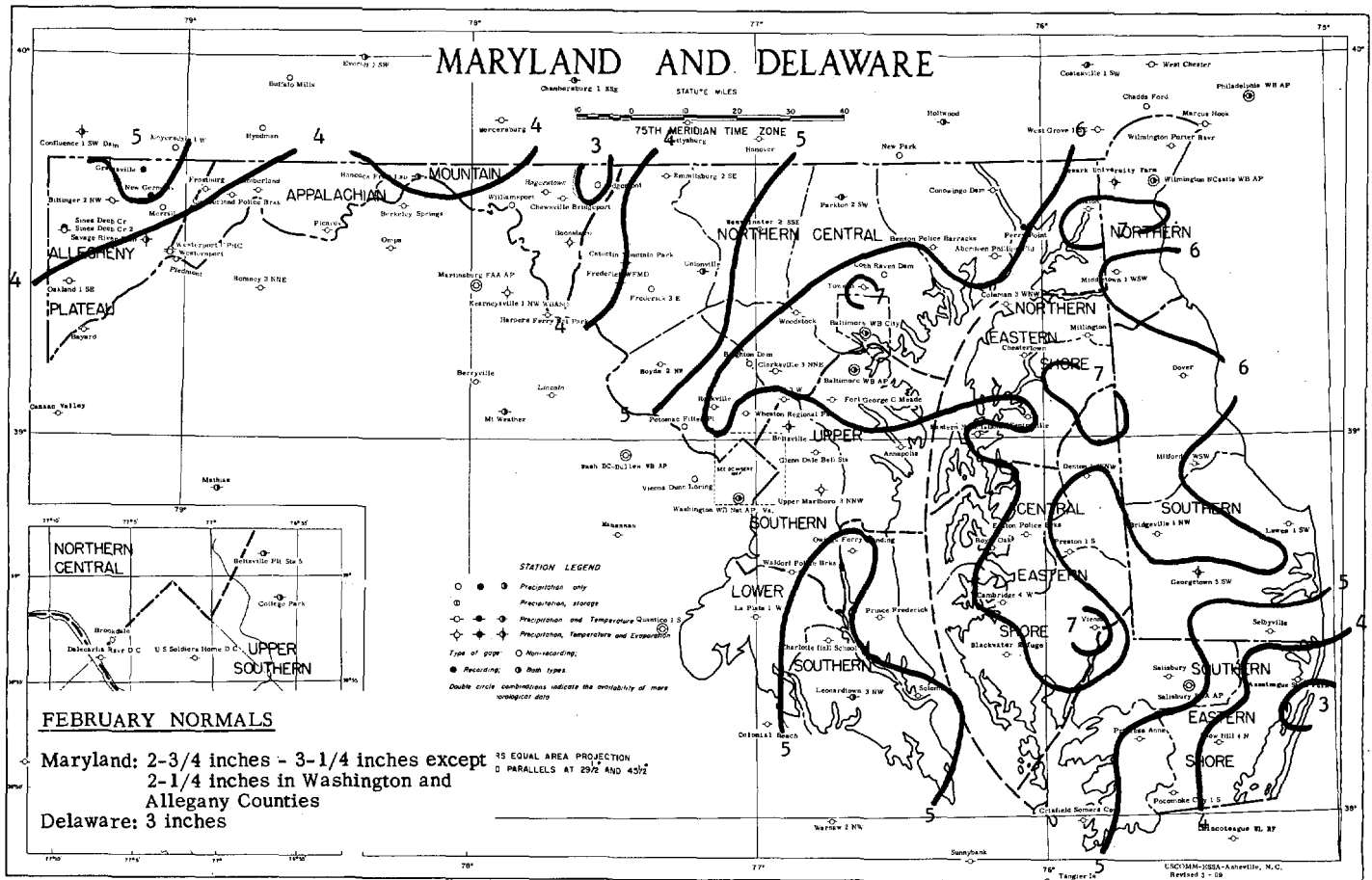


FIGURE 1 - TOTAL PRECIPITATION, IN INCHES, FOR FEBRUARY 1971, AN UNUSUALLY WET FEBRUARY

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
FEBRUARY 1971

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 MSW	5.88				T .40			T 1.24	.28				1.25	.10			.06				* *	1.10	.90															
NEWARK UNIVERSITY FARM	6.32				.04 .40	T		1.06	.25				1.83	.30			.08				.06	.03	1.66	1.00														
WILMGTN NCASTLE WSD	6.29	T			.08 .36	T	1.33	1.36	T				1.75	.01			.08				.10	1.46	.31															
WILMGTN PORTER RESVR	6.67	T	T		.40 .48		1.21	.37	T				2.00	T		T	.07				.12	1.46	.04															
* * * SOUTHERN 02																																						
BRIDGEVILLE 1 NW	6.03				.09 .20			.18 1.45					1.32	.05			.05				.12		.67 1.30															
DOVER	6.27				.05 .23			T 1.90	.23				.95	.03			.07				.03	1.30	.86															
GEORGETOWN 5 SW	4.88				.10 .18	.09		1.32					.27	.90								.14 1.42																
LEWES 1 SW	5.30				.07 .25		1.59	.25					.89	T			.05				.01	1.70	T															
MILFORD 2 MSW	5.94				.05 .28		.04 1.79	.06					1.03	.03			.08				.12	.01	.67 1.20															
SELBYVILLE																																						

SUPPLEMENTAL DATA

	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	Standard of Time				Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
							EASTERN												
							01	07	13	19									
BALTIMORE WSD MD	26	3.6	8.0	36	W	14	65	68	53	61	4	3	4	1	2	1	15	51	6.7
WILMGTN NCASTLE WSD DEL	29	3.1	10.5	28++	21	13	72	73	56	64	5	4	5	0	3	0	17	-	7.0

See reference notes following Station Index.

DAILY TEMPERATURES

MARYLAND AND DELAWARE FEBRUARY 1971

Continued

Table with columns for Station, Day of Month (1-31), and Average. Rows include Maryland stations like National Arboretum, Suitland, U.S. Soldiers Home, etc., and Appalachian Mountain stations like Boonsbord, Chestertown, etc.

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

MARYLAND AND DELAWARE
FEBRUARY 1971

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																																
HANCOCK FRUIT LAB	MAX MIN	18 8	13 3	17 5	25 17	30 20	41 29	48 19	37 31	36 20	25 9	28 7	38 25	50 35	42 19	28 22	38 28	38 16	43 26	60 34	51 34	58 41	47 31	38 34	42 35	40 31	56 28	55 40	65 46	39.5 24.8		
PICARDY	MAX MIN	13 4	18 3	24 5	25 21	45 24	48 31	42 23	34 29	34 13	26 4	41 20	57 29	48 37	38 15	36 18	38 28	36 17	59 34	52 35	61 34	56 41	43 35	39 34	37 32	39.6 23.6						
WESTERNPORT UPRC	MAX MIN	14 4	16 2	26 7	26 20	39 20	53 31	42 23	36 29	33 13	27 7	39 10	56 25	50 34	40 12	35 20	39 28	39 19	57 31	58 34	63 35	59 34	39 35	39 35	41 32	57 30	54 33	62 43	62 40	42.9 24.5		
* * *																																
ALLEGHENY PLATEAU 08																																
BITTINGER 2 NW	MAX MIN	0 -6	8 -9	18 -5	22 12	49 21	39 21	31 21	29 23	27 4	17 -2	42 8	49 34	41 12	15 3	26 9	30 18	42 16	49 31	56 35	53 35	44 32	34 31	38 24	28 23	47 26	51 35	51 40	46 31	35.1 18.7		
MCHENRY 2 NW	MAX MIN	8 -5	2 -8	11 -8	20 10	32 15	50 22	40 23	31 25	30 8	11 -2	24 0	42 24	51 35	56 2	18 3	27 17	35 20	42 28	50 35	57 37	55 32	38 32	42 28	32 24	30 25	47 28	61 42	55 32	35.6 18.7		
OAKLAND 1 SE	MAX MIN	4 -4	8 -5	25 -9	26 15	52 24	44 24	33 18	32 25	30 5	18 0	45 2	55 34	45 15	17 5	25 11	34 21	45 8	50 29	59 29	56 36	46 34	38 33	40 25	30 26	50 22	56 28	55 44	49 32	38.1 18.8		
SAVAGE RIVER DAM	MAX MIN	11 0	6 -10	11 0	22 10	31 17	53 21	43 21	35 22	33 14	15 5	23 6	40 9	54 33	40 10	24 10	30 21	36 14	47 16	54 30	49 32	60 35	45 23	40 35	36 26	35 31	53 31	51 31	57 39	36.9 19.0		
DELAWARE																																
* * *																																
NORTHERN 01																																
MIDDLETOWN 1 WSW	MAX MIN	23 7	20 3	25 5	28 19	41 26	47 26	39 27	40 34	30 29	45 14	56 31	52 35	50 23	35 22	40 25	44 21	56 33	53 38	66 36	66 32	52 34	44 39	46 34	53 35	55 33	65 44	62 44	45.7 27.4			
NEWARK UNIVERSITY FARM	MAX MIN	20 3	18 2	27 5	26 18	39 25	48 27	46 26	41 33	36 26	28 12	45 14	55 31	53 33	47 21	37 21	40 24	43 19	58 29	54 40	67 36	63 37	47 35	43 38	45 32	52 34	52 29	66 43	61 40	44.9 26.2		
WILMINGTON NCATTLE WSD	MAX MIN	18 3	18 4	25 6	32 22	40 30	47 29	44 27	38 35	36 18	29 13	45 17	52 32	53 34	34 24	35 20	39 24	40 22	58 30	51 38	66 39	52 39	44 38	44 34	45 35	51 34	54 32	63 47	62 45	43.4 27.5		
WILMINGTON PORTER RESVR	MAX MIN	15 3	16 2	23 8	30 18	40 29	46 27	43 28	38 33	38 16	27 3	44 17	53 31	53 32	41 19	35 21	38 25	39 27	57 33	50 37	65 37	51 38	42 37	43 33	42 33	49 35	54 34	64 33	61 44	42.8 26.2		
* * *																																
SOUTHERN 02																																
BRIDGEVILLE 1 NW	MAX MIN	20 -1	21 4	27 8	33 21	51 32	49 29	45 25	41 34	40 26	29 15	45 18	55 32	58 40	55 23	36 21	39 25	47 20	60 36	56 39	68 39	61 36	50 40	59 40	48 35	54 33	62 33	70 50	64 44	48.0 28.5		
DOVER	MAX MIN	23 8	20 7	23 10	31 21	49 30	49 27	44 28	40 29	39 29	32 15	46 18	57 35	56 37	56 22	35 22	38 20	47 25	59 35	59 41	68 38	67 39	52 38	48 40	46 39	53 36	53 34	68 48	67 47	47.3 29.2		
GEORGETOWN 5 SW	MAX MIN	23 0	19 2	20 2	29 13	39 28	50 30	49 24	46 33	41 30	34 16	29 15	45 22	57 38	60 24	34 20	37 25	39 19	49 27	60 39	60 39	67 35	55 39	61 40	50 35	47 35	53 30	63 44	69 43	45.9 26.7		
LEWES 1 SW	MAX MIN	23 4	23 0	24 4	35 22	53 35	49 29	47 25	41 35	48 26	30 16	48 18	54 34	59 39	45 24	40 21	39 26	45 21	61 32	51 38	70 41	59 37	45 39	59 37	49 35	54 37	53 44	71 48	65 44	47.9 29.0		
MILFORD 2 WSW	MAX MIN	21 0	21 1	24 7	32 21	54 31	49 30	41 24	40 35	30 29	30 15	47 15	59 33	59 43	58 25	41 21	48 19	60 32	57 39	69 39	66 36	52 40	52 40	48 36	52 39	54 37	70 50	68 47	48.4 28.8			
SELBYVILLE	MAX MIN																															

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
FEBRUARY 1971

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				1.2										T																			
PRINCESS ANNE				1.0																													
SALISBURY FAA AIRPORT			T	1.0									T	T																			
SNOW HILL 4 N				1.5										T																			
* * * CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE 4 W		T	T	1.0										1.0		T																	
DENTON 1 WNW																																	
PRESTON 1 S		T	T	1.0																													
ROYAL OAK				.8										T	1.5																		
* * * LOWER SOUTHERN 03																																	
LA PLATA 1 W				.4		T									.1																		
LEONARDTOWN 3 NW				1.0																													
OWINGS FERRY LANDING					T	T									T																		
* * * UPPER SOUTHERN 04																																	
BALTIMORE WSO			T	.6		T		T	T					T	T																		
COLLEGE PARK					T										T	T																	
FORT GEORGE G MEADE				.5		T									T																		
GLENN DALE BELL STA				.5		T										T																	
* * * NORTHERN EASTERN SHORE 05																																	
CHESTERTOWN		T			T			T						T	.3																		
MILLINGTON					T										T		T																
* * * NORTHERN CENTRAL 06																																	
BROOKDALE				1.0		T			T		T					T	T																
CONOWINGO DAM			T	.5		T																											
EMMITSBURG 2 SE		3	3	2	1	1	1	1	2	2	2	1	T	T	T	T	T	T	T	T	T	T											
FREDERICK WFMD				T	.5																												
PARKTON 2 SW		T	T	.5		T		T		T	T	T	T	T	T	T	T	T	T	T	T	T											
UNIONVILLE		T		.3		T		.3							T																		
WESTMINSTER 2 SSE			T	.5		T		.5		T				.5		T																	
* * * APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND				T	1.0			5.0	2.0					1.0		T																	
FROSTBURG		T	T	1.5	.5	.1	8.0	T	T	T	T	T	1.5	T	T	T	T	T	T	T	T	T	1	1	.5	T	T	1.0	T				
HAGERSTOWN		T	T	.5	T	.5	1.5			1	1	1	T	T	T	T	T	T	T	T	T	T											
HANCOCK FRUIT LAB		2	2	.1	.5		4.5	T		5	5	5	5	4	2	1	1	1	1	1	1	1	T	T									

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
FEBRUARY 1971

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
MARYLAND																															
* * *																															
ALLEGHENY PLATEAU 08																															
BITTINGER 2 NW				1.1	T		2.0	4.0	1.9	.3			2.8	4.5	T									2.1	1.0						
	14	14	13	14	14	13	15	19	20	19	18	15	17	18	17	17	15	14	12	10	8	8	10	10	.8	6	T	T			
OAKLAND 1 SE				1.0	T		1.0	3.0	3.5				2.0	.5	.3								T	1.3	.3						
	T	T	3	3	T	T	1	3	4	4	3	1	2	2	1	1	T	T	T				T	T	T	T	T	T	T		
SAVAGE RIVER DAM				T	1.0		2	2	3.0	4.0	T			1.0	T	T							T	T	T	T	T	T	T		
	T	T	2	2	2	2	2	2	5	9	9	9	7	5	4	4	4	4	3	2	T	T	T	T	T	T	T	T	T		
DELAWARE																															
* * *																															
NORTHERN 01																															
MIDDLETOWN 1 WSW				T																											
				T																											
NEWARK UNIVERSITY FARM				T											T																
				T											T																
WILMINGTON NCASTLE WSD				2			T		T					T	T		T	T													
	T	T	T	T	T									T	T	T	T	T	T												
WILMINGTON PORTER RESVR				T	T										T																
				T	T										T																
* * *																															
SOUTHERN 02																															
BRIDGEVILLE 1 NW				1.0											T																
	2	2	1	1											T																
DOVER				T											T																
				T											T	T	T														
GEORGETOWN 5 SW				T											T																
				T											T																

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 101, Jull Hall, University of Maryland, College Park, Maryland 20740, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA MARYLAND AND DELAWARE."

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

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 the ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices 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 Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

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. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized 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 "Monthly Summarized 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.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
- 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 tables with no data 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, 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 this State, price 25 cents. Similar information for regular National Weather Service Offices 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.