



CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

MARYLAND AND DELAWARE

NOVEMBER 1971

Volume 75 No. 11

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
											Max.	Min.	10° or More	30° or More					100° or More	Total	Max. Depth on Ground	Date	10° or More	30° or More	100° or More																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 131

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

 MARYLAND AND DELAWARE
 NOVEMBER 1971

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				
										Max.	Min.	90° or Above	32° or Below					32° or Below	32° or Below	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
TOWSON	55.0	38.6	46.8		82	2	19	30	559	0	0	6	0	6.79	3.38	3.60	25	T	0		6	4	2		
UNIONVILLE	52.3	32.1	42.2		81	2	19	9	688	0	0	19	0	4.80				6.0	6	25					
WESTMINSTER 2 SSE	51.5	34.3	42.9	- 1.8	80	2	18	9	670	0	0	14	0	4.80	1.51	2.85	25	8.0	6	25	7	2	2		
WHEATON REGIONAL PARK	55.3	35.0	45.2		83	2	21	9	609	0	0	13	0	3.66		2.07	25				5	2	1		
WOODSTOCK																									
DIVISION			44.5	- .6										4.75	1.52			5.6							
* * *																									
APPALACHIAN MOUNTAIN																									
07																									
BOONSBORO	52.5	36.9	44.7		82	2	19	23	614	0	0	10	0	4.21		1.96	25	17.0	17	25	8	2	2		
CHEWSVILLE BRIDGEPORT	53.2	32.9	43.1	- .5	83	2	16	23	661	0	0	18	0	3.49	.87	1.12	25	8.5	9	25	6	2	2		
CUMBERLAND	53.2	31.5	42.4		81	2	19	22	673	0	0	18	0	2.78		.88	25	11.0	10	25	5	3	0		
CUMBERLAND POLICE BRKS	53.8	33.5	43.7		75	2	17	23	637	0	0	18	0	3.44		1.08	29	8.0	7	25	8	3	1		
FROSTBURG	48.2	32.4	40.3	- 1.4	74	2	11	23	735	0	6	15	0	3.33	.72	.80	24	25.2	13	26+	7	2	0		
HAGERSTOWN	52.1	34.0	43.1		83	2	18	23	656	0	0	16	0	3.58		1.21	25	15.0	8	25	7	2	2		
HANCOCK FRUIT LAB	52.3	33.5	42.9		82	3	18	9	666	0	1	15	0	2.79	.24	1.22	25	12.3	12	25	4	2	1		
PICARDY	53.4	34.6	44.0		81	2	15	23	629	0	1	12	0	3.45		1.65	29	11.0	9	25	7	2	1		
WESTERNPORT UPRC	54.1M	33.9M	44.0M		79	2	17	23	629	0	1	16	0	3.11				6.0	5	24					
DIVISION			43.1	- .5										3.35	.79			13.1							
* * *																									
ALLEGHENY PLATEAU																									
08																									
BITTINGER 2 NW	45.3	29.1	37.2		70	2	6	23	826	0	5	20	0	4.41		.81	29	25.0	13	24	10	4	0		
MCHENRY 2 NW	45.3	28.2	36.8		73	2+	9	23	841	0	7	20	0	4.25		.97	30	18.0	12	25	11	4	0		
OAKLAND 1 SE	48.0	28.3	38.2	- 1.1	71	2	- 5	23	798	0	5	24	1	3.86	.72	.68	29	21.0	8	24	9	2	0		
SAVAGE RIVER DAM	49.0	30.6	39.8		76	3	11	24	751	0	2	22	0	2.97		1.03	30		12	25	6	2	1		
DIVISION			38.0	- .6										3.87	.89			21.3							
DELAWARE																									
* * *																									
NORTHERN																									
01																									
MIDDLETOWN 1 WSW	56.0	36.3	46.2		79	2	23	9	575	0	0	12	0	5.54		2.40	25	.0	0		6	4	2		
NEWARK UNIVERSITY FARM	54.9	35.5	45.2		81	2	22	9	603	0	0	12	0	4.90		1.66	3	.0	0		6	3	2		
WILMGTON NCATTLE WSD	54.4	37.0	45.7	.3	80	2	24	9	585	0	0	7	0	5.52	1.99	1.47	29	T	0		7	5	2		
WILMGTON PORTER RESVR	52.4	34.9	43.7		78	2	23	23+	643	0	0	13	0	5.36	1.69	1.47	29	T	0		8	4	2		
DIVISION			45.2	- .8										5.33	1.85			T							
* * *																									
SOUTHERN																									
02																									
BRIDGEVILLE 1 NW	57.0	36.1	46.6	- .9	79	1	24	23	562	0	0	11	0	3.54	.33	1.62	25	T	0		5	2	1		
DOVER	56.8	37.7	47.3	- .6	80	2	22	22	544	0	0	8	0	4.42	.75	2.40	25	.0	0		6	3	1		
GEORGETOWN 5 SW	56.9	35.2	46.1		79	3	22	9	583	0	0	16	0	2.44		1.29	25	.0	0		4	2	1		
LEWES 1 SW	57.3	38.0	47.7		79	2	26	8	532	0	0	9	0	3.32		1.25	24	.0	0		6	3	1		
MILFORD 2 WSW	57.7	35.1	46.4		80	2+	21	9	567	0	0	14	0	4.13		1.86	25	T	0		7	2	2		
SELBYVILLE																									
DIVISION			46.8	- 1.1										3.57	.00			T							

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 87° ON THE 1ST AT DALECARLIA RESVR, D.C.

LOWEST TEMPERATURE: - 5° ON THE 23D AT OAKLAND 1 SE, MD.

GREATEST TOTAL PRECIPITATION: 6.79 INCHES AT TOWSON, MD.

LEAST TOTAL PRECIPITATION: 1.99 INCHES AT PRINCESS ANNE, MD.

GREATEST ONE-DAY PRECIPITATION: 3.60 INCHES ON THE 25TH AT TOWSON, MD.

GREATEST REPORTED TOTAL SNOWFALL: 26.5 INCHES AT CATOCTIN MOUNTAIN PARK, MD.

GREATEST REPORTED DEPTH OF SNOW ON GROUND: 23 INCHES ON THE 25TH AT CATOCTIN MOUNTAIN PARK, MD.

See Reference Notes Following Station Index

MARYLAND AND DELAWARE - NOVEMBER 1971

SPECIAL WEATHER SUMMARY

November temperatures averaged near normal. The long period of unusually warm temperatures which began on October 19, continued through the first 2 days of the month. The warmest day, November 2, had, for many stations, high temperatures in the upper seventies to middle eighties and lows in the sixties. These high temperatures approached the all-time high temperatures set on November 1, 1950.

Precipitation ranged mostly from near normal to above normal. It was the fourth consecutive month with much above normal precipitation in northeast Maryland and northern Delaware. Heaviest totals, over 5 inches, were found in these same areas while the least, less than 3 inches, were found in Southern Eastern Shore, in southern Sussex County and in parts of the Ridge and Valley Region of Maryland. November was generally quite dry until the last week when most of the monthly total was received. Some unusually heavy 1-day precipitation totals, from 2 to over 3 inches, were recorded on the 25th and for some

stations, especially in central and north-central Maryland, it approached the record 1-day November total. The greatest monthly total was 6.79 inches at Towson, Maryland. This brought the yearly total to 75.29 inches, which was 33.65 inches above normal and breaks the previous annual record total of 72.52 inches recorded at Salisbury in 1948.

Monthly snowfall was unusually heavy in northern and western Maryland where totals ranged mostly between 7 and 26.5 inches from Baltimore County westward; elsewhere, there was little or none. Heaviest totals were found in Frederick and Washington Counties. Most of the monthly total fell on the 24th-25th and made Thanksgiving Holiday traveling most difficult on the highways of northern and western Maryland. Record 1-day November snowfalls were recorded at many stations, mainly in Frederick, Washington, and Carroll Counties. Figure 1 shows the distribution of snowfall during the November 24th-25th snowstorm.

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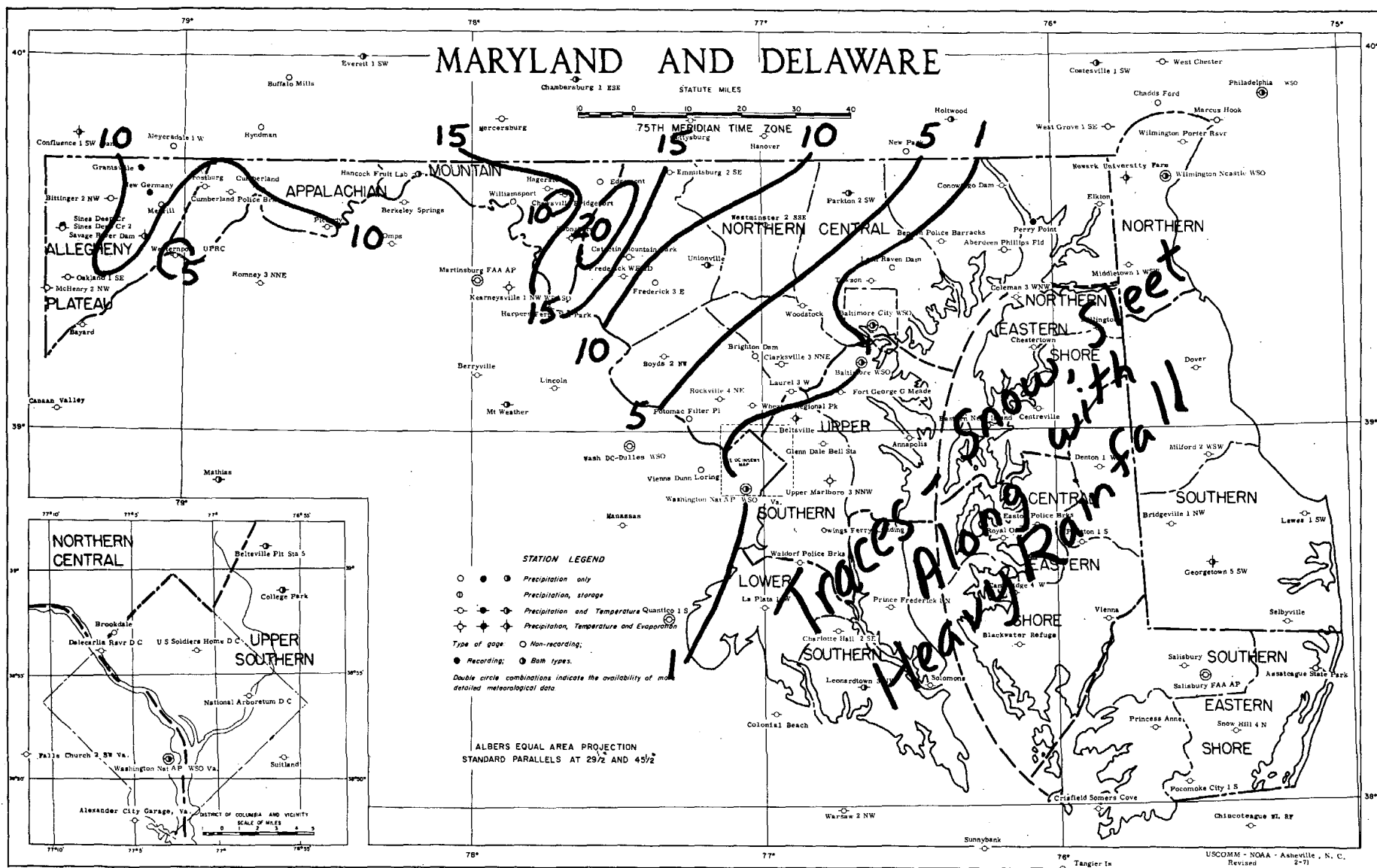


FIGURE 1 - SNOWSTORM OF NOVEMBER 24-25, 1971 (in Inches)

DAILY PRECIPITATION

MARYLAND AND DELAWARE
NOVEMBER 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						
MARYLAND																																						
* * * SOUTHERN EASTERN SHORE 01																																						
ASSATEAGUE STATE PARK	2.22			.62																																		
CRISFIELD SOMERS COVE	2.08			.43				.07																			.82		.78	T	T	T						
POCOMOKE CITY	2.81			.97				.04																			.10	1.22		.66		.06						
PRINCESS ANNE	1.99			.26				.03																			.01	1.10		.50		.05						
SALISBURY	2.93	.01		.86	.02	.01		.05																			.10	1.20		.50	.02	.11	.03					
SALISBURY FAA AIRPORT	2.56			.40				.02																			.88	.58		.51		.15						
SNOW HILL 4 N	2.96			.79				.12			T																.10	T		.68		.17						
* * * CENTRAL EASTERN SHORE 02																																						
BLACKWATER REFUGE	3.77			1.02				.17	.14																			1.68		.31	.02	.39	.02					
CAMBRIDGE 4 W	3.64			.73				.17			T																.30	1.68		.31	.02	.39	.02					
DENTON 1 NW	3.96			.75				.24			T						.01										.11	.88		.36		.43						
EASTON POLICE BARRACKS	3.99			.77				.17			T																	.08	2.00		.33		.50	.05				
PRESTON 1 S	3.37			.96				.10			T																	.17	1.51		.33	T	.20	.03				
ROYAL OAK	4.38			.77				.23																				.08	2.35		.40		.43	.04				
VIENNA	2.58			.72				.07																				.10	1.46		.04	.04	.13					
* * * LOWER SOUTHERN 03																																						
CHARLOTTE HALL 2 SE	4.05			.30				.30																				.60	*	2.10		.45						
LA PLATA 1 W																																						
LEONARDTOWN 3 NW	3.58			1.17																								.28	1.42		.45		.23	.03				
OWINGS FERRY LANDING	4.01		.02	.38				.34																				.22	2.02		.36		.60	T				
PRINCE FREDERICK 1 M	3.88		T	.80				.20			T																	.15	2.05		.37		.41					
SOLDIERS HOME	2.91			*	*	*	*	.77																				*	*		2.14							
WALDORF POLICE BRKS	3.79			.26				.30																				T	2.20	.08	*		.75					
* * * UPPER SOUTHERN 04																																						
ANNAPOLIS USN ACADEMY	4.79	T	.09	.48	.01			.26			T																	2.72		.27		.89						
BALTIMORE WSD	3.79	T	T	.32				.12			T																	1.11		.04		.82						
BELTSVILLE	4.01	.05	.02	.29	.08			.09																					2.68			.05	.73					
BELTSVILLE PLANT STA 5	3.66	.05	T	.25	.05			.10																					2.45		.05	.78						
COLLEGE PARK	3.55			.21				.08			T																		2.37		.08							
DALECARLIA RESVR D C	3.84			.49								.18																.21	2.00	.01	.10		.75	.06				
FORT GEORGE G MEADE	3.80		.05	.34				.12																				.12	2.25		T		.92	T				
GLENN DALE BELL STA	4.35		T	.44				.35			T																	.10	2.48		.08		.80	.03				
LAUREL 3 W	4.34	.15	.39	.11				.19																					2.38			.40		.88				
NATIONAL ARBORETUM D C	3.75	T		.39																								.16	2.32		.09		.73					
SUITLAND	3.89	.02	.11	.17	.10			.30			T																		2.26			.09	T	.80				
U. S. SOLDIERS HOME DC	3.72	T	.02	.30				.09		.02																			1.40	1.12		.07		.17	.68			
UPPER HARBOR 3 NW	4.14	.03	.05	.23	.16			.13																					2.47					.81				
* * * NORTHERN EASTERN SHORE 05																																						
CENTREVILLE	5.01	.05		1.03				.29		T	T																	.05	2.51		.34		.90					
CHESTERTOWN	4.93	T		.13	.35					T																			1.00	1.60		.28		1.12	T			
CULEMAN 3 NW																																						
EASTERN NECK ISLAND	4.50		.01	.79							.02																		.07	2.22		.30	.02	.55	.45			
MILLINGTON	5.12		.05	.05	.10			.30																					.06	2.08		.35		1.30	.10			
* * * NORTHERN CENTRAL 06																																						
ABERDEEN PHILLIPS FLD	4.00		T	.63				.21								.02												.01	1.91			*	1.20					
BALTIMORE CITY WSD	6.03		.08	.91				.21																					1.57	2.19		.08		1.04				
BENSON POLICE BARRACKS	5.58		.06	.91				.25			T																		.05	3.26		.10		.89	.28			
BOYDS 2 NW	3.49	.11				*		.42																					2.00				.86					
BRIGHTON DAM	4.05	.04	.03	.29	.14			.02																						2.57		.09		.83				
BROOKDALE	3.90			.46																										2.27		.08		.67				
CATOCTIN MOUNTAIN PARK	4.70	.24						.52				.05				.02													.33	1.97		.12		1.22				
CLARKSVILLE 3 NNE	4.49			.41				.21								.07													.19	2.58		.10		.87	.04			
CONDWING DAM	4.90	T	.61	.44				.16			.01	T			T	.10		.01	T	T									.86	1.42		.09		1.18				
ELKTON	3.79							.33								.11													.11	1.89		.13		1.13	.03			
EMMITSBURG 2 SE	4.62	.31	.22	.15							T																		.35	2.15		.10		1.10				
FREDERICK WFMD																														2.00		.35		.10	.94			
FREDERICK 3 E	4.03		.12	.18																										2.52		*			1.10			
LOCH RAVEN DAM	4.08	.06	.06	.52				.28																						.10	2.50		.10		.80	.20		
PARKTON 2 SW	5.40	.02	.35	.27				.09			.03	T																		.86	2.38		.08		1.17			
POTOMAC FILTER PLANT	4.58	.30	T	.20	.11			.23				.01																		3.00		.04		.69				
ROCKVILLE 4 NE	4.34	.03	.04	.38						.05																				2.71		.10		.77	.02			
TOWSON	6.79	.01	.01	.65				.27								.01														3.60		.50		1.50	.20			
UNIONVILLE	4.60	.04	.19	.21				.07																							2.90		.05		.97			
WESTMINSTER 2 SSE	4.80	.28	.15	.14	.11			.10				.01																			2.95	T		.02	1.09			
WHEATON REGIONAL PARK	3.66	T	.03	.44				.22			T		.01	T																.11	2.07	T	.09		.64	.01		
WOODSTOCK																																						
* * * APPALACHIAN MOUNTAIN 07																																						
BOONSBORO	4.21	.34	.11	.12				.19			T																		.15	T	.01		.26	1.96	.05	1.02		
CHEWSVILLE BRIDGEPORT	3.44	.43	.05	.13				.15																						.02	T	.05		.31	1.12	.07		
CUMBERLAND	2.76	.02	.70	.02	T			.05																							.03	.02		.20	.03	.15	.20	.68
CUMBERLAND POLICE BRKS	3.44	.55	.33																																			

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
NOVEMBER 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 WSW		5.54	T	.03	1.05			.32								.07	.01			T	.05									.50	.80	.31	
NEWARK UNIVERSITY FARM		4.90		.03	1.66			.35								.03				T					.01	1.50		.10		.78	.42		
WILMINGTON NCATTLE WSD		5.52	T	1.10	.52			.26		T	T					.03				.04	T	T			.77	1.07		.20		1.47	T		
WILMINGTON PORTER RESVR		5.36		.73	.70			.27			T					.27				.21					.09	1.38		.24		1.47			
* * * SOUTHERN 02																																	
BRIDGEVILLE 1 NW		3.54		T	.95			.19				.05				.02					.07				.03	1.62		.93	.02	.09	.17		
DOVER		4.42	.08	T	.53			.24								.03					.02				.05	2.40		.54	.05	.28	.20		
GEORGETOWN 5 SW		2.44	T		.01	.65		.02																		1.29		.36			.11		
LENES 1 SW		3.32			.65			.26			T					T									1.25	1.40		.55		.18			
WILFORD 2 WSW		4.13			1.15			.39			.02					.01				.03	.10	T			.03	1.86		.31		.10	.16		
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 EASTERN				Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
							01	07	13	19										
BALTIMORE WSD MD	28	4.9	9.3	42	NE	25	74	77	58	64	5	3	2	1	2	0	13	57	6.2	
WILMGTON NCASTLE WSD DEL	30	4.2	9.0	36++	35	25	78	81	58	70	7	2	2	2	3	0	16	-	6.7	

DAILY TEMPERATURES

MARYLAND AND DELAWARE
NOVEMBER 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																																	
* * *																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE STATE PARK	MAX MIN	74 66	76 67	71 60	61 45	56 39	65 39	64 40	45 30	47 33	52 47	54 36	61 34	70 48	59 39	63 38	61 45	55 42	58 41	67 37	63 43	53 45	46 29	41 28	52 32	56 43	53 32	53 40	50 37	57 36	58 42	58.0 41.1	
CRISFIELD SOMERS COVE	MAX MIN	76 67	76 69	73 62	64 52	57 38	65 42	64 42	45 35	46 30	51 46	53 41	59 37	64 50	63 42	59 40	61 51	59 44	59 40	63 51	62 44	55 45	47 36	41 31	47 33	56 38	45 38	49 38	49 38	56 36	57 43	57.4 43.2	
POCOMOKE CITY	MAX MIN	80 67	80 69	75 60	61 40	62 32	70 35	63 40	50 27	50 25	56 38	58 33	62 31	74 48	60 36	65 37	65 46	62 36	66 34	68 44	66 42	54 40	46 35	45 26	50 30	56 39	53 32	52 33	55 33	60 31	61 42	60.8 38.7	
PRINCESS ANNE	MAX MIN	79 67	79 69	75 59	61 37	60 29	69 32	63 39	45 27	47 22	50 34	53 28	62 28	69 47	59 34	63 34	62 41	60 35	64 31	68 44	65 42	52 38	45 35	41 26	47 28	57 41	48 30	48 32	51 32	60 31	66 40	58.9 37.1	
SALISBURY	MAX MIN	79 66	79 67	75 59	60 38	60 31	69 35	64 40	47 27	48 25	53 37	54 32	63 30	68 46	59 36	66 37	62 36	62 36	66 33	69 45	66 40	52 40	47 35	41 26	49 35	57 37	49 31	51 35	52 33	60 32	61 42	59.5 38.1	
SALISBURY FAA AIRPORT	MAX MIN	78 68	79 70	73 53	58 35	60 32	69 35	64 30	46 28	47 24	52 32	53 31	63 30	70 44	55 36	64 38	63 42	59 36	68 33	70 48	64 40	51 41	42 32	39 28	57 31	49 38	51 34	51 35	62 31	52 40	58.9 37.6		
SNOW HILL 4 N	MAX MIN	79 66	79 68	73 60	60 37	59 30	66 34	63 38	45 28	48 24	52 36	53 32	62 29	69 45	56 35	64 37	62 44	58 35	63 32	69 39	65 41	51 38	45 35	40 26	49 28	57 36	48 32	52 33	51 35	60 31	61 40	58.6 37.5	
* * *																																	
CENTRAL EASTERN SHORE 02																																	
BLACKWATER REFUGE	MAX MIN	78 60	80 69	80 60	62 42	58 32	66 37	59 40	52 32	46 27	52 27	52 33	62 30	65 45	55 35	68 36	63 44	59 36	63 34	68 39	62 42	51 41	48 35	40 27	44 31	52 30	56 33	47 34	50 33	58 31	51 41	58.2 37.9	
CAMBRIDGE 4 W	MAX MIN	79 68	81 69	72 60	61 47	58 33	66 37	59 41	45 33	47 27	52 39	52 35	62 30	65 45	55 35	61 36	63 42	56 38	63 35	68 39	62 42	51 41	42 35	38 30	44 30	52 32	56 34	47 34	50 33	58 31	51 41	57.2 39.0	
DENTON 1 WNW	MAX MIN	80 65	80 67	74 55	58 37	58 31	66 34	62 33	46 25	46 22	51 35	50 31	63 26	61 44	54 33	61 36	64 38	58 33	64 33	67 42	62 41	58 42	43 34	42 25	43 29	54 32	45 29	45 29	51 33	59 30	59 38	57.5 36.1	
EASTON POLICE BARRACKS	MAX MIN	80 64	81 68	79 58	61 42	59 31	67 37	63 39	46 31	47 27	52 37	53 33	63 29	65 45	56 34	62 37	64 41	59 36	65 34	68 46	63 50	50 40	45 34	40 28	43 30	53 29	47 32	45 35	52 35	58 31	58 36	58.1 38.0	
PRESTON 1 S	MAX MIN	79 67	80 64	75 56	56 38	59 31	66 34	61 38	45 29	47 25	53 37	53 33	63 29	63 45	57 33	61 37	63 39	59 35	64 33	68 41	62 37	52 42	44 34	38 27	52 29	55 34	48 32	44 35	51 35	60 31	56 40	57.5 37.3	
ROYAL OAK	MAX MIN	79 66	81 68	75 57	59 47	58 34	66 39	63 40	46 31	47 26	53 39	52 36	61 31	64 45	57 34	61 39	64 43	57 36	64 36	67 49	66 40	51 44	44 35	39 29	42 29	50 36	47 33	45 34	51 34	57 31	57 40	57.4 39.4	
VIENNA	MAX MIN	78 58	78 60	79 58	62 42	60 33	68 41	62 38		46 29	57 27	57 36	62 32	67 50	60 45	65 40	63 40	63 39	63 36	67 48	67 41	53 42	45 36	40 29	40 30	55 33	56 33	52 36	54 25	59 33	61 41	58.6 39.8	
* * *																																	
LOWER SOUTHERN 03																																	
CHARLOTTE HALL 2 SE	MAX MIN	81 67	84 68	80 55	64 33	58 28	65 35	62 38	59 28	49 24	53 31	52 33	64 30	71 45	64 33	64 34	64 44	61 33	65 37	71 41	62 37	50 34	50 32	39 23	41 30	41 28	48 26	46 35	54 32	54 33	51 38	58.9 36.2	
LA PLATA 1 W	MAX MIN																																
LEONARDTOWN 3 NW	MAX MIN	81 69	83 68	79 59	59 32	60 26	69 30	68 30	64 26	50 22	50 32	53 27	63 29	64 30	61 34	69 35	64 44	61 33	67 33	69 42	62 30	50 38	47 33	39 18	41 29	49 36	48 25	46 34	50 32	59 30	50 39	59.2 34.8	
OWINGS FERRY LANDING	MAX MIN	80 65	83 66	74 48	68 36	58 28	65 35	58 33	45 25	48 22	52 32	54 31	64 29	68 46	55 38	64 38	64 46	58 33	67 32	70 45	62 37	43 29	40 20	41 28	46 30	45 25	48 30	48 25	51 30	46 27	50 35	57.2 35.0	
PRINCE FREDERICK 1 N	MAX MIN	80 66	83 68	80 57	59 32	56 28	66 32	63 38	45 26	47 22	53 34	53 32	65 29	69 46	59 36	63 38	65 43	58 36	66 30	70 48	63 36	50 40	45 32	21 29	42 34	46 34	46 26	46 31	55 31	50 38	57.9 36.3		
SOLDMANS	MAX MIN	79 60	81 68	79 53	58 42	57 32	66 37	62 34	58 31	49 33	51 39	52 39	63 33	68 50	55 44	68 38	64 50	59 43	66 44	69 43	60 42	50 40	67 35	38 30	45 30	45 38	48 34	47 40	51 37	56 38	56 39	58.9 40.9	
WALDORF POLICE BRKS	MAX MIN	80 65	85 70	82 57	58 34	59 28	66 32	62 38	45 28	47 21	52 33	53 32	64 31	70 44	63 33	65 36	64 42	61 34	69 32	72 45	65 33	49 34	49 33	40 21	49 29	44 33	48 27	45 34	52 32	48 30	49 38	58.2 36.0	
* * *																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS USN ACADEMY	MAX MIN	81 66	84 69	83 60	60 42	56 35	64 44	63 39	45 28	45 29	51 38	50 39	61 38	65 49	60 42	58 46	62 45	60 39	60 42	68 39	66 38	52 35	44 28	42 25	40 34	45 36	43 35	49 36	51 36	47 43	50 41	56.8 40.5	
BALTIMORE WSD	MAX MIN	80 67	83 68	74 47	53 37	57 31	64 35	62 34	44 26	47 23	50 39	50 36	64 34	65 46	55 37	59 34	64 42	56 36	65 38	65 48	54 36	48 30	37 27	43 34	45 36	47 36	45 34	45 36	49 32	45 37	55.1 37.6		
BELTSVILLE	MAX MIN	71 63	80 67	83 58	60 41	58 28	60 30	62 36	42 28	43 22	46 27	51 38	50 29	62 35	70 33	55 38	63 38	63 32	58 30	65 35	64 33	49 31	48 21	39 26	40 26	42 30	44 26	45 31	44 29	49 35	54.7 34.9		
BELTSVILLE PLANT STA 5	MAX MIN	71 64	79 65	84 58	60 42	52 30	57 32	61 40	43 29	43 23	45 34	51 28	50 28	62 42	68 34	56 38	63 40	59 33	64 44	64 34	49 44	48 34	41 23	39 28	45 34	46 28	45 34	45 32	50 32	46 36	54.9 36.7		
COLLEGE PARK	MAX MIN	81 65	85 68	84 56	56 45	59 30	63 33	61 37	44 29	47 24	53 37	51 41	63 34	69 43	63 35	63 37	64 46	60 36	66 35	66 48	65 39	48 32	39 26	43 28	45 31	46 31	46 35	50 35	47 31	48 36	57.1 37.2		
DALECARLIA RESVR D C	MAX MIN	87 64	86 63	82 56	60 35	59 32	66 36	62 39	43 28	47 25	54 39	51 35	65 32	70 43	65 34	65 42	62 40	61 35	66 34	67 53	64 34	49 35	44 30	39 26	48 30	46 24	45 29	45 34	46 31	49 32	57.7 36.5		
FORT GEORGE G MEADE	MAX MIN	79 65	83 63	82 57	60 37	59 28	64 31	62 37	44 28	47 22	52 36	52 36	63 29	68 43	58 35	62 38	65 41	67 42	67 31	66 39	42 33	47 33	39 22	49 30	45 30	48 26	44 35	51 32	47 30	48 35	57.2 35.7		
GLENN DALE BELL STA	MAX MIN	80 63	83 67	82 57	59 42	58 37	63 32	62 36	44 28	52 23	52 34	51 31	62 28	68 42	62 34	64 38	64 40	60 33	67 32	64 37	61 32	49 32	44 17	39 26	45 34	46 25	44 31	47 32	48 28	48 34	57.0 34.4		
LAUREL 3 W	MAX MIN	74 65	83 63	77 56	57 41	59 35	62 31	60 37	43 27	45 21	50 39	50 36	61 36	66 50	62 30	65 36	63 43	61 41	64 42	61 41	47 42	42 28	37 25	43 30	46 25	43 30	44 37	44 32	46 36	46 33	55.2 37.9		

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		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																																	
NATIONAL ARBORETUM D C	MAX MIN	80 64	83 68	80 58	61 41	58 30	63 35	62 38	45 27	46 23	53 37	52 40	62 32	69 45	60 34	63 40	64 41	61 35	65 34	67 40	61 35	50 42	42 33	40 26	39 28	45 33	46 30	45 38	49 34	47 31	49 37	56.9 37.6	
SUITLAND	MAX MIN	74 65	79 67	83 60	62 41	52 30	57 33	63 41	43 29	44 25	45 33	51 37	51 33	69 42	56 36	40 40	63 46	62 36	57 37	65 41	57 36	42 32	41 27	39 27	42 33	44 30	46 31	44 32	49 32	44 32	54.4 37.2		
U. S. SOLDIERS HOME DC	MAX MIN	79 68	84 68	70 46	54 39	57 40	64 43	62 31	45 30	46 30	54 38	53 39	64 37	70 46	57 39	63 45	64 48	58 42	65 40	66 48	57 36	51 36	44 29	41 24	42 30	45 32	47 30	45 34	53 33	44 37	50 35	56.5 39.1	
UPPER MARLBORO 3 NNW	MAX MIN	73 64	80 67	85 60	61 36	53 28	60 31	64 40	50 29	45 21	47 31	52 34	50 29	64 36	69 30	55 35	64 40	64 32	59 31	67 36	68 35	51 34	50 22	42 22	40 28	43 30	46 27	47 36	45 32	51 28	44 37	56.3 34.7	
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	79 63	80 68	74 55	57 40	58 30	65 37	62 37	45 31	45 22	50 37	49 33	62 29	60 43	55 34	58 35	62 38	57 31	64 32	66 44	61 40	48 39	43 34	37 27	39 28	47 32	46 34	45 34	50 34	55 30	50 40	55.6 37.0	
CHESTERTOWN	MAX MIN	78 63	80 67	69 49	54 38	57 34	65 37	61 32	45 28	45 24	48 36	50 33	60 31	62 38	54 32	55 37	62 48	56 33	63 33	65 44	56 37	48 37	41 30	39 25	44 26	45 34	46 31	45 34	50 32	48 30	49 37	54.7 36.0	
COLEMAN 3 NNW	MAX MIN																																
EASTERN NECK ISLAND	MAX MIN	76 63	78 69	77 59	60 47	56 39	64 42	62 41	46 36	44 29	50 40	49 45	58 33	61 48	57 39	57 41	63 42	60 39	61 41	63 50	60 41	50 41	44 38	40 29	39 31	45 37	48 36	46 37	50 31	48 33	47 43	55.3 41.2	
MILLINGTON	MAX MIN	77 61	82 69	78 54	58 45	64 28	66 32	62 35	48 35	45 24	49 38	49 40	64 32	59 38	63 33	62 33	61 41	58 37	65 33	67 46	61 40	54 38	42 34	40 25	42 30	47 36	47 39	47 40	52 32	55 32	56 39	57.3 38.0	
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	77 67	80 67	74 56	57 37	57 30	62 38	61 38	61 30	43 22	47 28	47 27	58 26	62 42	55 37	54 40	60 38	58 31	57 32	62 37	58 37	48 39	40 33	38 25	39 26	43 35	47 26	44 36	50 32	46 33	47 35	54.4 36.0	
BALTIMORE CITY WSO	MAX MIN	78 66	83 69	71 50	54 44	58 40	63 44	61 32	44 30	44 30	52 38	52 41	64 39	66 47	52 40	59 45	64 50	56 44	63 43	65 49	55 40	48 37	41 30	36 27	41 31	44 33	47 34	44 36	46 32	45 36	48 38	54.8 40.6	
BENSON POLICE BARRACKS	MAX MIN	79 63	82 64	79 57	58 40	59 30	64 34	62 38	45 26	44 22	43 34	49 37	62 29	48 40	58 30	55 36	62 42	59 32	62 32	69 41	60 33	50 36	41 31	37 25	38 26	47 31	44 25	42 26	50 33	47 28	44 35	57.5 36.6	
BOYDS 2 NW	MAX MIN	77 64	82 69	78 43	50 38	56 29	62 36	57 33	40 29	44 25	49 33	48 39	61 25	66 33	56 39	63 33	60 46	60 38	61 38	61 44	60 38	46 37	39 30	35 23	35 27	37 30	40 30	40 36	45 29	43 35	44 33	53.2 36.9	
CATOCTIN MOUNTAIN PARK	MAX MIN	67 63	77 62	77 50	53 37	52 32	57 35	55 29	36 22	39 22	42 30	45 31	58 31	61 49	58 32	61 37	60 47	54 38	63 38	60 45	55 31	41 32	36 24	30 17	30 20	35 27	38 27	36 31	39 32	41 30	41 30	49.8 34.4	
CLARKSVILLE 3 NNE	MAX MIN	79 66	83 63	78 53	53 38	58 26	61 29	60 34	42 25	45 19	48 34	48 37	62 28	65 40	56 35	61 33	62 34	59 30	66 29	64 37	59 45	45 30	38 24	36 26	42 33	44 30	42 31	47 33	43 28	41 35	54.1 34.2		
CONDWINGO DAM	MAX MIN	78 64	80 62	64 49	54 36	56 30	62 36	61 32	44 28	42 23	47 33	50 32	60 36	60 40	48 33	53 36	59 40	54 38	58 34	61 38	55 35	48 37	42 32	37 28	40 27	43 36	46 33	45 33	49 33	44 39	48 35	52.9 35.7	
ELKTON	MAX MIN	78 64	80 62	75 51	56 44	58 29	62 31	60 34	45 29	44 20	48 29	47 32	60 27	62 37	53 28	53 33	60 35	58 33	63 35	60 39	61 34	48 32	41 25	39 23	41 27	44 34	47 31	47 33	51 30	50 30	47 35	54.7 33.8	
EMMITSBURG 2 SE	MAX MIN	72 62	82 62	72 55	58 37	51 26	61 36	58 33	43 28	45 19	47 34	48 34	55 28	65 36	51 30	56 31	62 33	59 30	62 31	55 35	48 32	38 29	37 20	34 22	40 29	46 26	38 29	45 29	42 30	42 31	52.1 32.9		
FREDERICK WFMD	MAX MIN																																
PARKTON 2 SW	MAX MIN	77 63	80 62	65 44	51 32	55 28	60 33	57 26	43 24	43 20	46 35	46 30	60 28	61 37	51 31	57 36	61 41	57 35	64 33	59 40	50 32	46 34	39 27	36 23	35 24	40 31	45 28	40 32	47 31	39 31	48 34	51.9 33.5	
ROCKVILLE 4 NE	MAX MIN	80 64	85 66	79 56	59 37	59 22	60 32	56 34	44 27	47 21	51 38	48 38	63 39	67 41	58 38	65 42	62 42	58 35	67 43	65 38	61 35	45 35	42 30	36 23	36 21	42 30	43 30	42 36	48 30	43 33	46 33	55.2 34.9	
TOWSON	MAX MIN	77 65	82 68	80 57	59 39	56 34	62 40	60 39	43 27	43 27	48 36	47 46	61 34	65 46	59 36	57 40	63 49	58 36	62 43	62 45	61 37	53 39	48 37	38 26	36 29	43 34	45 32	43 37	49 34	44 35	46 19	55.0 38.6	
UNIONVILLE	MAX MIN	75 63	81 63	77 50	51 33	55 27	61 30	58 30	41 20	44 19	48 35	47 34	59 29	64 36	53 29	61 34	61 33	56 29	61 34	59 35	54 32	48 32	40 30	35 20	35 22	40 32	43 22	38 32	42 22	38 33	45 27	52.3 32.1	
WESTMINSTER 2 SSE	MAX MIN	76 63	80 65	70 52	52 38	56 26	60 34	57 31	40 24	42 18	45 33	45 35	60 28	62 41	51 30	60 30	59 42	58 34	64 33	58 41	56 34	43 35	37 29	34 22	33 24	40 32	43 28	39 33	44 32	39 32	43 34	51.5 34.3	
WHEATON REGIONAL PARK	MAX MIN	79 59	83 67	80 57	58 38	58 28	60 32	59 35	41 27	45 21	50 35	50 37	61 30	67 41	60 31	63 36	62 36	59 33	63 31	63 36	60 34	50 32	42 30	43 24	36 26	45 33	43 29	42 36	47 33	43 29	46 35	55.3 35.0	
WOODSTOCK																																	
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	MAX MIN	72 65	82 62	70 55	55 35	56 32	61 38	57 37	43 21	44 24	47 34	48 34	62 40	65 48	56 39	65 41	60 48	57 39	62 37	61 46	56 32	45 36	37 28	36 19	3								

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		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	70	78	82	60	50	56	64	39	41	43	46	48	66	66	54	63	57	59	59	58	49	43	37	35	32	40	45	41	45	43	52.3	
	MIN	64	61	54	38	24	26	34	24	18	36	39	29	36	28	34	35	30	31	35	29	37	30	19	28	29	27	33	33	30	34	33.5	
PICARDY	MAX	68	81	64	50	57	64	59	40	45	48	45	65	66	54	70	63	62	65	63	59	58	42	36	31	38	42	41	45	40	40	53.4	
	MIN	60	61	47	36	25	34	30	23	19	34	34	32	34	35	37	50	36	31	41	42	36	26	15	26	26	37	32	32	34	33	34.6	
WESTERNPORT UPRC	MAX	68	79	68	50	59	64	60	39	46	46		69	66	58	70	62	61	67	62	58	45	36	35	32	39	45	43		43	44	54.1	
	MIN	60	62	49	34	25	31	29	26	21	37		39	37	32	39	41	32	31	42	34	30	26	17	26	26	26	32		31	34	33.9	
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX	63	70	57	40	50	59	49	29	42	35	37	55	57	52	63	56	64	65	56	42	34	26	25	23	26	39	37	36	34	38	45.3	
	MIN	56	57	35	29	24	30	18	16	16	27	29	28	43	34	40	41	34	40	42	25	24	17	6	18	19	17	29	28	27	23	29.1	
MCHENRY 2 NW	MAX	73	73	70	48	38	40	60	28	50	42	32	40	54	55	57	62	50	62	65	57	36	27	22	22	27	26	36	33	35	39	45.3	
	MIN	53	55	42	28	25	26	19	17	15	20	26	30	35	34	35	40	35	39	46	28	25	15	9	10	19	18	21	27	27	27	28.2	
OAKLAND 1 SE	MAX	67	71	62	43	54	60	54	31	42	35	46	58	60	60	63	58	67	67	58	46	36	27	29	26	28	40	37	36	37	41	48.0	
	MIN	57	58	43	31	20	26	21	18	15	29	31	31	41	30	32	44	27	23	35	28	26	18	-	5	22	22	9	32	30	30	26	28.3
SAVAGE RIVER DAM	MAX	68	67	76	56	45	53	62	33	34	41	40	45	59	60	54	66	56	57	67	59	45	36	29	30	33	33	43	41	40	42	49.0	
	MIN	50	60	51	36	25	24	28	22	18	19	35	29	31	32	32	40	32	31	45	33	32	24	12	11	24	22	23	32	32	32	30.6	
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	78	79	78	55	56	64	63	46	43	50	50	59	62	60	56	60	56	63	65	60	50	50	38	42	45	49	48	51	52	53	56.0	
	MIN	64	68	54	38	31	38	40	28	23	31	35	28	42	32	35	37	32	33	37	37	37	34	24	26	34	31	38	31	32	39	36.3	
NEWARK UNIVERSITY FARM	MAX	77	81	78	56	58	64	60	44	44	47	48	59	63	55	53	61	57	64	64	59	48	40	40	40	44	48	48	52	46	49	54.9	
	MIN	63	65	55	36	33	33	38	29	22	30	37	28	39	32	34	37	31	32	36	35	38	34	25	26	32	32	33	30	33	36	35.5	
WILMGTON NCATTLE WSO	MAX	77	80	68	54	56	63	61	45	43	49	48	58	62	49	54	61	57	60	64	56	49	42	40	45	46	47	49	51	52	47	54.4	
	MIN	67	68	48	38	36	40	32	28	24	35	33	31	40	34	37	40	34	35	38	37	36	31	25	31	35	33	36	33	39	37	37.0	
WILMGTON PORTER RESVR	MAX	75	78	66	52	55	62	59	39	42	47	47	54	61	48	52	59	55	60	63	56	47	39	37	42	43	45	48	50	46	45	52.4	
	MIN	62	63	44	37	37	38	30	29	23	31	33	28	36	32	36	37	34	38	39	35	36	28	23	26	32	31	31	29	35	34	34.9	
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	79	78	74	59	58	66	61	44	46	50	50	62	63	60	60	60	57	63	67	65	47	43	39	45	56	47	45	50	57	59	57.0	
	MIN	65	66	58	36	30	33	37	25	25	34	32	28	32	35	36	39	35	32	43	36	39	33	24	28	34	30	34	33	31	39	36.1	
DOVER	MAX	79	80	79	59	57	65	62	44	46	49	49	62	61	59	58	60	57	61	67	64	48	45	39	44	53	46	47	50	55	58	56.8	
	MIN	57	68	58	39	33	37	40	30	26	26	36	31	45	36	38	40	36	35	45	44	44	22	26	30	34	32	35	35	33	40	37.7	
GEORGETOWN 5 SW	MAX	72	78	79	70	56	58	67	46	44	46	50	51	63	64	55	61	61	57	64	67	58	50	40	38	58	46	47	50	50	60	56.9	
	MIN	65	67	68	37	33	35	41	27	22	30	30	26	32	31	34	39	33	30	38	38	36	33	24	26	30	30	30	33	31	30	40	35.2
LEWES 1 SW	MAX	78	79	72	58	55	65	63	45	44	52	50	64	63	52	63	58	52	60	68	61	51	44	38	34	55	49	53	54	59	59	57.3	
	MIN	67	69	58	37	33	35	36	26	29	32	31	29	46	42	37	42	39	32	42	37	42	34	28	31	35	30	33	34	33	40	38.0	
MILFORD 2 WSW	MAX	80	80	75	59	57	68	60	46	46	51	51	64	64	57	62	60	57	64	67	63	50	44	40	45	56	49	48	53	56	59	57.7	
	MIN	63	66	57	33	27	30	38	26	21	32	30	26	44	34	33	40	31	29	42	36	37	33	22	25	34	28	33	32	30	40	35.1	
SEEBYVILLE	MAX																																
	MIN																																

See Reference Notes Following Station Index

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STATION INDEX

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER			
								TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL			
MARYLAND																										
ABERDEEN PHILLIPS FLD	0015	04	HARTFORD	1	39 28	76 10	57	59	59			ROSS AVIATION INC.	ROYAL OAK	7804	02	TALBOT	1 38 49	76 11	10	69	69			H	J. L. SWAINE, JR.	
ANNAPOLIS USN ACADEMY	0185	04	ANNE ARUNDEL	3	39 29	76 29	5	59	59			US NAVAL ACADEMY	SALISBURY FAA AIRPORT	8009	01	WICOMICO	1 38 22	75 39	10	69	59			H	CITY OF SALISBURY	
ASSATEAGUE STATE PARK	0335	01	WORCESTER	3	39 14	75 06	7	69	69			ASSATEAGUE STATE PARK	SAVAGE RIVER DAM	8045	08	GARRETT	39 31	76 08	1495	84	84			BAC	FED. AVIATION AGENCY	
BALTIMORE WSO	N 0440	04	ANNE ARUNDEL	3	39 11	76 40	148	104	104			WATL. WEATHER SERVICE	SINES DEEP CREEK	8315	08	GARRETT	39 32	76 25	2040						U. S. CORPS OF ENGINEERS	
BALTIMORE CITY WSO	N 0470	04	BALTO CITY	3	39 17	76 37	14	104	104			NATL. WEATHER SERVICE	SNOW HILL 4 N	8380	01	WORCESTER	1 38 14	75 23	28	69	69			H	PA. ELECTRIC CO.	
BELTSVILLE	0700	04	PRIN. GEORGES	3	39 02	76 53	120	84	84		69C	CHESTER H. GORDON	SOLOMONS	8405	03	CALVERT	1 38 19	76 27	12	69	69				CURTIS E. SHOCKLEY	
BELTSVILLE PLANT STA	0705	04	PRIN. GEORGES	3	39 01	76 37	100	84	84			USDA PLANT IND. STA.	SUITLAND	8408	04	PRIN. GEORGES	39 31	76 38	275	84	84				CHESAPEAKE BTL. LAB.	
BENSON POLICE BARRACKS	0732	04	HARTFORD	1	39 30	76 23	265	59	59			MD. STATE POLICE	TOWSON	8877	06	BALTIMORE	39 23	76 34	390	69	69				EUGENE H. BROWN	
BLITINGER 2 NW	0881	08	GARRETT	1	39 37	76 15	2700	78	78			ELBERT E. DUCKEL	UNIONVILLE	9030	08	FREDERICK	39 27	77 11	430	69	69			C	BENDIX FRIZ	
BLACKWATER REFUGE	0915	02	DORCHESTER	1	38 26	76 08	5	59	59			NAT. WILDLIFE REFUGE	UPPER MARLBOROUGH 3 NW	9070	04	PRIN. GEORGES	4 38 52	76 47	96	84	84			BA	G. P. VON EIFF, JR.	
BOONSHOARD	0984	07	WASHINGTON	5	39 31	77 39	735	69	69		6P	J. HOWARD BECKENBAUGH	VIENNA	9140	02	DORCHESTER	1 39 29	75 50	12	69	69				TOBACCO EXP. PARK	
BOYDS 2 NW	1032	04	MONTGOMERY	5	39 33	77 20	280	69	69			HUNTER F. STALEY	WALDOFF POLICE BKS	9195	03	CHARLES	5 38 39	76 53	210	59	59				DELMARVA POWER & LIGHT	
BRIGHTON DAM	1125	04	MONTGOMERY	5	39 12	77 01	330	84	84			WASH. SUB. SANIT. COMM.	WESTERNPORT UPAC	9409	07	ALLEGANY	5 39 29	79 03	950	69	69				UPPER POTOMAC RIVER COM.	
BROOKDALE	1170	04	MONTGOMERY	5	39 37	77 06	265	78	78			P. FRANCIS DASHIELL	WESTMINSTER 2 SSE	9435	04	CARROLL	5 39 33	76 59	810	69	74			H	L. EUGENE PURDUM	
CANADAGE 4 W	1385	02	DORCHESTER	1	38 34	76 09	5	69	69			D. ARCY MC B. HARDING	WHEATON REGIONAL PARK	9504	04	MONTGOMERY	5 39 04	77 02	230	59	59				PARK & PLANNING COMM.	
CATCOTT MOUNTAIN PARK	1530	08	FREDERICK	3	39 39	77 29	1014	49	49			CATCOTT MOUNTAIN PARK	WILLIAMSPORT	9502	07	WASHINGTON	5 39 37	77 51	310	69	74			H	HAGERSTOWN MTR. PLANT	
CONTRAVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	69	69			MARTIN G. LEIDY	WOODSTOCK	9750	06	BALTIMORE	39 39	76 52	485	69	69				WOODSTOCK COLLEGE	
CHARLOTTE HALL 2 SE	1686	02	ST. MARYS	4	38 28	76 46	104	59	59			MRS. SUSAN M. CARRICO														
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	40	119	119			T. W. ELIASON, JR.														
CHEMUNVILLE BRIDGEPORT	1790	07	WASHINGTON	5	39 39	77 40	560	69	69			JANSON H. MOLFINGER	DISTRICT OF COLUMBIA													
CLARKSVILLE 3 NNE	1862	06	HOWARD	4	39 15	76 56	365	59	59			UNIVERSITY OF MARYLAND	DALECARLIA RESV. D C	2325	04		5 38 58	77 07	146	59	59				CORPS OF ENGINEERS	
COLEMAN 3 NW	1960	05	KENT	1	39 21	76 28	78	69	69			B. B. HARRIS	NATIONAL ARBORETUM D C	8350	04		5 38 54	76 58	30	49	49				U.S. NAT. ARBORETUM	
COLLEGE PARK	1995	04	PRIN. GEORGES	3	38 59	76 37	90	59	59			UNIVERSITY OF MARYLAND	U. S. SOLDIERS HOME DC	9025	04		5 38 56	77 01	230	104	104				U.S. SOLDIERS HQME	
CONDUMING DAM	2000	04	HARTFORD	1	39 39	76 10	40	104	104			SUSQUEHANNA ELECTRIC CO.	DELAWARE													
CRISFIELD SUMMERS COVE	2215	01	SOMERSET	3	37 39	75 32	6	59	59			SOMERS COVE MARINA														
CUMBERLAND	2280	07	ALLEGANY	5	39 39	78 45	900	69	74			TIMOTHY B. THOMAS	BRIDGEVILLE 1 NW	1330	02	SUSSEX	1 38 45	75 37	50	59	59			H	WILLIAM RAY	
CUMBERLAND POLICE BKS	2295	07	ALLEGANY	5	39 38	78 50	970	59	59			MD. STATE POLICE	DOVER	2730	02	KENT	2 39 09	75 31	30	59	59				STATE HIGHWAY DEPT.	
DENTON 1 NW	2528	02	CAROLINE	1	36 54	75 51	40	69	69			MD. STATE POLICE	GEORGETOWN 5 SW	3070	02	SUSSEX	1 38 38	75 27	45	84	84		BAC	H	UNIT. ADRI. EXP. STA.	
EASTERN NECK ISLAND	2691	05	KENT	1	39 01	76 14	20	59	59			EASTERN NECK WLDL. REF.	LEWES 1 SW	3320	02	SUSSEX	2 39 46	75 09	20	69	104				FREDERICK T. VOGL	
EASTON POLICE BARRACKS	2708	02	TALBOT	1	38 45	76 24	40	59	59			MARYLAND STATE POLICE	MIDDLETOWN 1 WSW	3552	01	NEW CASTLE	2 39 26	75 45	60	49	49			H	PIONEER HIREED CORN CO.	
EDGEHONT	2770	07	WASHINGTON	5	39 40	77 33	908	74	74			LEE G. HARNE	MILFORD 2 WSW	3915	02	SUSSEX	2 39 54	75 28	30	59	59				MRS. BEANARD FRANKEL	
ELKTON	2840	06	CECIL	1	39 37	75 50	40	69	69			H. W. BOUGHELLE	NEWARK UNIVERSITY PARK	4410	01	NEW CASTLE	2 39 40	75 44	70	69	69		69C	H	UNIV. OF DELAWARE	
EMMITTSBURG 2 SE	2904	04	FREDERICK	3	39 41	77 18	410	59	59			MRS. LUCILLE K. BEALE	SELBYVILLE	8249	02	SUSSEX	2 39 28	75 13	32	59	59				L. WATKINS LONG	
FEDERALSBURG	3090	02	CAROLINE	1	36 41	75 46	20	59	59			SEWAGE TREATMENT PLANT	WILMINGTON CASTLE MND	9595	01	NEW CASTLE	2 39 40	75 36	74	104	104		C	H	NAT. WEATHER SERVICE	
FORT GEORGE G. HEADE	3232	04	ANNE ARUNDEL	4	39 08	76 45	140	59	59			FILTRATION PLANT	WILMINGTON PORTER RESV.	9605	01	NEW CASTLE	2 39 46	75 32	274	104	104				WATER DEPARTMENT	
FREDERICK WFO	3350	06	FREDERICK	5	39 23	77 28	435	69	69			RADIO STATION WFO														
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385	84	84			MISS L. MARY STALEY														
FROSTBURG	3410	07	ALLEGANY	5	39 39	78 36	2140	59	59			G. DAVID DOWNTON														
GLENN DALE BELL STA	3675	04	PRIN. GEORGES	4	38 38	76 45	150	49	49			H. PLANT INTRO. GARDEN														
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	600	69	69			HAGERSTOWN RESERVOIR														
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	84	84			U. OF MD. FRUIT LAB.														
LA PLATA 1 W	5080	08	CHARLES	5	38 22	77 00	140	59	59			H. C. RUSSELL LEVERING														
LAUREL 3 W	5111	04	PRIN. GEORGES	4	39 06	76 34	400	59	74			WASH. SUB. SANIT. COMM.														
LEONARDTOWN 3 NW	5201	08	ST. MARYS	5	38 19	76 40	110	59	59			RADIO STATION WKIK														
LOCK HAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190	59	59			CITY OF BALTIMORE														
MCHEENRY 2 NW	5832	08	GARRETT	7	39 35	79 22	2690	84	84			JOSEPH F. JOHNNING														
MERRILL	5894	08	GARRETT	5	39 36	79 05	1790	84	84			DELUWOOD F. HERRILL														
MILLINGTON	5985	08	KENT	1	39 18	75 51	30	69	69			LOUIS H. HOLLETT														
NEW GERMANY	6408	08	GARRETT	5	39 38	79 07	2390	59	59			ARCHIE BITTINGER														
OKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	59	59			LODAN WEBER														
OWINGS PERRY LANDING	6770	03	CALVERT	4	38 41	76 40	160	59	59			H. JAMES E. BOURNE, JR.														
PARKTON 2 SW	6844	06	BALTIMORE	1	39 28	76 42	500	119	119			JOHN A. FOX														
PERRY POINT	6950	06	CECIL	1	39 35	76 04	40	59	59			VETERANS ADMINISTRATION														
PICARDY	7010	07	ALLEGANY	5	39 39	78 31	1030	69	69			POTOMAC HLMD. ORCHARD														
POTOMAC CITY	7140	01	WORCESTER	1	38 04	75 53	20	59	59			ROBERT A. WESTFALL														
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270	84	84			WASH. SANITARY COMM.														
PRESTON 1 S	7310	02	CAROLINE	1	36 42	75 55	30	69	69			H. FRANKLIN D. NUSBAUM														
PRINCE FREDERICK 1 N	7325	03	CALVERT	1	38 39	76 35	195	59	59			STANLEY L. WATSON														
PRINCESS ANNE	7330	01	SOMERSET	2	38 13	75 41	20	59	59			H. MARYLAND ST. COLLEGE PRM														
ROCKVILLE 4 NE	7705	06	MONTGOMERY	5	39 07	77 06	320	59	59			WILLIAM R. NOPPER														

† DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHOGENY

REFERENCE NOTES

MARYLAND AND DELAWARE
NOVEMBER 1971

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 20742, 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.

LATE REPORTS 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.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 1/4/72-810