

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA MARYLAND AND DELAWARE
JULY 1972

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		
										30° or Above	32° or Above	37° or Above	6" or Below					Total	Max. Depth on Ground	Date	1.0 or More	.50 or More	1.00 or More
TOWSON	85.2	68.0	76.6		94	22+	56	3	0	9	0	0	0	5.14	-.97	2.00	13	.0	0		6	3	2
UNIONVILLE	83.9	63.9	73.9		93	23+	54	4	6	0	0	0	1.14				.0	0				0	
WESTMINSTER 2 SSE	83.9	64.9	73.9	- 1.0	93	22+	52	3	7	0	0	0	1.50	- 2.84	.56	6	.0	0		9	3	2	
WHEATON REGIONAL PARK	83.4	65.7	74.6		92	24+	59	1	5	0	0	0	3.84		1.61	3	.0	0		9	2	1	
WOODSTOCK	85.5	63.9	74.7	- .4	95	21	51	3	11	0	0	0	2.12	- 2.08	.97	3	.0	0		9	2	0	
DIVISION			74.8	- .6									2.90	- 1.39			.0						
* * *																							
APPALACHIAN MOUNTAIN																							
07																							
BOONSBORO	83.1	64.7	73.9		93	23	55	2	6	0	0	0	1.97		.78	5	.0	0		5	2	0	
CHEWSVILLE BRIDGEPORT	84.7	64.0	74.4	.0	94	23+	53	0	7	0	0	0	1.58	- 2.02	.75	5	.0	0		4	1	0	
CUMBERLAND																							
CUMBERLAND POLICE BRKS	85.3	62.6	74.0		95	21+	47	7	13	0	0	0	2.13		.74	5	.0	0		5	1	0	
FROSTBURG 2	77.1	57.9	67.5		88	23+	44	7	6	0	0	0	2.03		.63	5	.0	0		6	1	0	
HAGERSTOWN	85.1	64.7	74.9		95	23+	53	7	9	0	0	0	2.68		.89	5	.0	0		7	2	0	
HANCOCK FRUIT LAB	82.9	63.5	73.2		93	24+	52	7	7	0	0	0	1.67	- 1.85	.80	5	.0	0		4	1	0	
PICARDY	83.7	62.4	73.1		95	22	50	7	6	0	0	0	2.20		.90	5	.0	0		6	2	0	
WESTERNPORT UPRC	83.8	62.1	73.0		96	22	47	7	8	0	0	0	2.07		.98	5	.0	0		6	1	0	
DIVISION			73.0	- 1.2									2.04	- 1.62			.0						
* * *																							
ALLEGHENY PLATEAU																							
08																							
BITTINGER 2 NW	74.1	58.2	66.2		84	22+	41	7	68	0	0	0	2.95		.79	16	.0	0		6	3	0	
MCHENRY 2 NW	74.9	58.5	66.7		86	20	48	8+	62	0	0	0	2.84		.84	12	.0	0		6	2	0	
DAKLAND 1 SE	76.6	57.8	67.2	- .8	88	19	43	7	53	0	0	0	3.08	- 1.76	.94	5	.0	0		7	3	0	
SAVAGE RIVER DAM	78.5	59.8	69.2		90	20	46	7	35	1	0	0	1.67		.65	5	.0	0		5	1	0	
DIVISION			67.3	- .6									2.64	- 1.93			.0						
DELAWARE																							
* * *																							
NORTHERN																							
01																							
MIDDLETOWN 1 WSW	86.1	66.3	76.2		94	23+	55	7	0	14	0	0	4.50		3.27	13	.0	0		5	1	1	
NEWARK UNIVERSITY FARM	85.6	66.0	75.8		94	23+	53	6	1	11	0	0	2.93		1.20	13	.0	0		7	2	1	
WILMINGTON NEWC WSD AP	85.1	66.6	76.9	.9	95	23+	56	6	0	10	0	0	2.07	- 2.18	.98	13	.0	0		6	1	0	
WILMGTON PORTER RESVR	84.0	65.4	74.7		94	19	51	5	8	6	0	0	3.29	- 1.18	2.39	13	.0	0		3	1	1	
DIVISION			75.9	- .1									3.20	- 1.17			.0						
* * *																							
SOUTHERN																							
02																							
BRIDGEVILLE 1 NW	85.0	66.7	75.9	- .3	95	23+	54	8+	0	12	0	0	2.27	- 2.79	.74	5	.0	0		6	2	0	
DDVER	86.2	68.1	77.2	.1	97	20	55	8	0	13	0	0	3.44	- 1.23	1.84	13	.0	0		5	3	1	
GEORGETOWN 5 SW	84.5	66.1	75.3		95	24	52	8	6	12	0	0	1.50		.49	6	.0	0		5	0	0	
LEWES 1 SW	83.5	67.7	75.6		96	23	52	8	3	8	0	0	2.21		1.18	13	.0	0		4	2	1	
MILFORD 2 WSW	86.0	65.2	75.6		95	23	51	8	1	14	0	0	4.43		1.49	20	.0	0		6	4	1	
SELBYVILLE																							
DIVISION			73.9	- .7									2.77	- 2.07			.0						

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE, 99° ON THE 23+ AT 2 STATIONS
 LOWEST TEMPERATURE, 41° ON THE 7TH AT BITTINGER 2 NW, MD.
 GREATEST TOTAL PRECIPITATION, 6.03 INCHES AT CHESTERTOWN, MD.
 LEAST TOTAL PRECIPITATION, 1.14 INCHES AT UNIONVILLE, MD.
 GREATEST ONE-DAY PRECIPITATION, 3.27 INCHES ON THE 13TH AT MIDDLETOWN 1 WSW, DEL.

See Reference Notes Following Station Index

MARYLAND AND DELAWARE - JULY 1972

SPECIAL WEATHER SUMMARY

July 1972 temperatures averaged near normal in spite of a prolonged warm period from the 13th through the 25th. Several stations reported as many as thirteen consecutive days with 90-degree temperatures. Also, many 70-degree minimum temperatures were reported during this period. Several stations, especially in the Chesapeake Bay area, reported one or more days with 80-degree minimum temperatures, which are unusually high for Maryland.

During part of the period, from the 17th through 21st, a National Weather Service air stagnation advisory was in effect. Statistics from both the Baltimore City and the State of Maryland

health departments indicated that the number of death certificates processed for the two weeks between the 14th and 27th was much more than would be normally expected. Many of these deaths were believed to be related to the heat wave especially, and to polluted air.

Rainfall was mostly below normal but ranged from near normal to above normal in parts of northeastern Maryland, Eastern Shore, and southern Maryland to much below normal in parts of central Eastern Shore, southern Delaware and from Carroll and Montgomery counties westward.

W. J. Moyer
Climatologist for Maryland and Delaware
National Weather Service Office
Room 101, Jull Hall
University of Maryland
College Park, Maryland 20742

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
JULY 1972

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	4.50	.28		.05	.26									3.27																						.03
NEWARK UNIVERSITY FARM	2.93	.04		.70	.23	.22	.05							1.20																					.14	
WILMINGTON NENC WSD AP	2.07			.11										1.20																					.18	
WILMOTON PORTER RESVR	3.29			.03	.31									2.39													.01							.08		
* * * SOUTHERN 02																																				
BRIDGEVILLE 1 NW	2.27				.02	.74	.10							.01	.63																				.21	
DOVER	3.44				.59	.62	.10								1.84																				.02	
GEORGETOWN 5 SW	1.50	.10			T	.02	.49				.02				.34	.16																			.03	
LEWES 1 SW	2.21					.64									1.18																				.10	
MILFORD 2 WSW	4.43					.70	.04				.92				T	.61																			.27	
SELBYVILLE																																				

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JULY 1972

Station		Day of Month																															Total or Avg.
		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																																	
* * * UPPER SOUTHERN 04																																	
BELTSVILLE	EVAP	.73	.18	.33	.74	.22	.01	.12	.18	.09	.25	.15	.20	.11	.22	.23	.17	.41	.17	.15	.20	.22	.24	.29	.27	.25	.28	.16	.22	*	*	.17	6.96
	WIND	18	24	18	29	20	26	8	8	20	18	37	15	18	8	16	40	17	6	6	5	9	14	12	23	16	30	20	16	8	8	516	
	MIN	67	69	74	72	70	63	63	64	67	69	70	71	73	74	65	66	73	75	78	80	80	80	71	72	83	81	68	73	68	60	66	94.7
UPPER MARLBORO 3 NNW	EVAP	.15	.19	.23	.16	.37	.02	.12	.18	.16	.21	.25	.22	.11	.13	.25	.29	.26	.15	.15	.21	.22	.24	.23	.26	.14	.35	.27	.11	.16	.15	.12	6.06
	WIND	29	31	15	42	42	34	13	27	23	32	47	26	25	16	50	34	33	13	13	13	19	17	21	16	33	29	20	14	18	11	789	
	MIN	65	70	72	72	63	60	57	61	62	70	66	67	71	71	72	74	72	73	75	77	75	76	76	75	75	65	65	67	64	65	65	90.3
* * * ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	EVAP	-	.47	.13	.11	.49	-	.14	.17	.04	.25	.14	.17	.10	.23	.23	.17	.18	.08	.16	.27	.18	.21	.20	.15	.26	.28	.26	.04	.11	.09	.00	5.688
	WIND	-	64	28	83	14	35	48	35	42	34	31	26	24	36	41	54	47	41	33	44	30	64	61	101	68	90	58	24	27	28	49	14058
	MIN	62	63	64	61	60	55	56	55	57	59	61	64	70	72	67	67	70	68	72	75	69	70	72	70	70	60	60	65	65	60	60	64.5
DELAWARE																																	
* * * NORTHERN 01																																	
NEWARK UNIVERSITY FARM	EVAP	.17	.23	.30	.23	*	*	.29	.16	.08	.19	.19	.13	.25	.08	.29	.27	.07	.22	.21	.22	.23	.32	.30	.25	.16	.42	.15	.07	.17	.10	.05	5.80
	WIND	35	23	12	24	6	6	1	11	4	12	3	21	9	10	9	11	16	3	1	7	24	22	45	48	31	46	16	11	5	1	478	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * SOUTHERN 02																																	
GEORGETOWN 5 SW	EVAP	.21	.26	.33	.37	.23	.06	.19	.19	.26	.21	.32	.20	.10	.07	.47	.25	.31	.21	.25	.29	.19	.28	.37	.26	.31	.24	.37	.15	.21	*	.07	7.23
	WIND	68	63	84	114	57	40	36	45	80	86	56	65	65	65	92	146	111	37	49	48	28	50	53	59	54	68	61	30	36	26	27	1933
	MIN																																

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 AP MD	25	2.4	7.2	26	NW	16	80	82	61	68	2	4	4	1	1	0	12	53	6.2
WILMOTON NCASTLE WSD AP DEL	25	2.4	7.1	20++	30	26	81	81	59	70	4	0	5	1	0	0	10	-	6.1

See reference notes following Station Index.

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1971 - 1972

MARYLAND AND DELAWARE

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
MARYLAND														
* * *														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE STATE PARK	SNOWFALL 1 IN ON GD						T		T	T	T			T
CRISFIELD SOMERS COVE	SNOWFALL 1 IN ON GD								1.5					1.5
POCOMOKE CITY	SNOWFALL 1 IN ON GD							T	2.3	T	T			2.3
PRINCESS ANNE	SNOWFALL 1 IN ON GD								T					T
SALISBURY	SNOWFALL 1 IN ON GD					T		T	1.0 1		T			1.0 1
SALISBURY FAA AP	SNOWFALL 1 IN ON GD						T	T	3.9	T	1.3 1			5.2 1
SNOW HILL 4 N	SNOWFALL 1 IN ON GD						T	.1	2.5 1	T	T			2.6 1
* * *														
CENTRAL EASTERN SHORE 02														
BLACKWATER REFUGE	SNOWFALL 1 IN ON GD						T	T	15.0 5		1.0			16.0 5
CAMBRIDGE 4 W	SNOWFALL 1 IN ON GD					T	T	T	13.5 4		1.0			14.5 4
DENTON 1 WNW	SNOWFALL 1 IN ON GD							T	16.0 8	T	.5			16.5 8
EASTON POLICE BARRACKS	SNOWFALL 1 IN ON GD						T		13.0 4		.8			13.8 4
PRESTON 1 S	SNOWFALL 1 IN ON GD						T	T	15.5 5		1.5			17.0 5
ROYAL OAK	SNOWFALL 1 IN ON GD						T	.5	14.0 5	T	.5			15.0 5
VIENNA	SNOWFALL 1 IN ON GD							T	5.0 3		T			5.0 3
* * *														
LOWER SOUTHERN 03														
CHARLOTTE HALL 2 SE	SNOWFALL 1 IN ON GD								-		-			-
LA PLATA 1 W	SNOWFALL 1 IN ON GD					T	T	T	13.6 5	T	.7			14.3 5
LEONARDTOWN 3 NW	SNOWFALL 1 IN ON GD								- 4		T			- 4
OWINGS FERRY LANDING	SNOWFALL 1 IN ON GD							T	9.1 3		T			9.1 3
PRINCE FREDERICK 1 N	SNOWFALL 1 IN ON GD						T		13.5 5		2.0			15.5 5
SOLOMONS	SNOWFALL 1 IN ON GD								7.0 3		1.0			8.0 3
WALDORF POLICE BRKS	SNOWFALL 1 IN ON GD						T	T	12.5 6					12.5 6

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1971 - 1972

MARYLAND AND DELAWARE

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	
MARYLAND															
* * *															
UPPER SOUTHERN	04														
ANNAPOLIS USN ACADEMY	SNOWFALL 1 IN ON GD					T		1.3	8.8 6	T	- 1			- 7	
BALTIMORE WSO AP	SNOWFALL 1 IN ON GD					1.0	T	1.1 1	11.4 7	.2	.3			14.0 8	
BELTSVILLE	SNOWFALL 1 IN ON GD								- 4					- 4	
BELTSVILLE PLANT STA	5 SNOWFALL 1 IN ON GD						T	.5	14.5 6	.2	1.0 1			16.2 7	
COLLEGE PARK	SNOWFALL 1 IN ON GD					T	T	T	12.7 6	T	.8			13.5 6	
DALECARLIA RESVR D C	SNOWFALL 1 IN ON GD								-					-	
FORT GEORGE G MEADE	SNOWFALL 1 IN ON GD					T	T	.5	12.5 6	T	T			13.0 6	
GLENN DALE BELL STA	SNOWFALL 1 IN ON GD					T	T	T	16.9 7	T	T			16.9 7	
LAUREL 3 W	SNOWFALL 1 IN ON GD							T	4.5 -					4.5 -	
NATIONAL ARBORETUM D C	SNOWFALL 1 IN ON GD					T		.3	18.5 -		1.0			19.8 -	
SUITLAND	SNOWFALL 1 IN ON GD							T	15.9 7	T	.3		-	-	
U. S. SOLDIERS HOME DC	SNOWFALL 1 IN ON GD					.5	T	T	20.2 6	T	.5			21.2 6	
UPPER MARLBORO 3 NNW	SNOWFALL 1 IN ON GD						T	T	16.0 6	T	1.5 1			17.5 7	
* * *															
NORTHERN EASTERN SHORE	05														
CENTREVILLE	SNOWFALL 1 IN ON GD					T	T	2.0 1	18.5 5	T	1.0			21.5 6	
CHESTERTOWN	SNOWFALL 1 IN ON GD					T	T	1.5 2	14.0 5	T	.3			15.8 7	
COLEMAN 3 WNW	SNOWFALL 1 IN ON GD				-	-	-	-	-	-	-	-	-	-	
EASTERN NECK ISLAND	SNOWFALL 1 IN ON GD							1.0 1	8.0 5					9.0 6	
MILLINGTON	SNOWFALL 1 IN ON GD							2.5 3	11.0 4		T			13.5 7	
* * *															
NORTHERN CENTRAL	06														
ABERDEEN PHILLIPS FLD	SNOWFALL 1 IN ON GD							2.0 -	5.7 2					7.7 -	
BALTIMORE WSO CI	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENSON POLICE BARRACKS	SNOWFALL 1 IN ON GD					T		2.0 4	11.5 12	T	T			13.5 16	
BOYDS 2 NW	SNOWFALL 1 IN ON GD					7.0 4		T	18.5 11	T	.5			26.0 15	

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1971 - 1972

MARYLAND AND DELAWARE

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	
MARYLAND															
BRIGHTON DAM	SNOWFALL 1 IN ON GD								12.8 12					12.8 12	
BROOKDALE	SNOWFALL 1 IN ON GD							T	15.2 9	-	.5			- 9	
CATOCTIN MOUNTAIN PARK	SNOWFALL 1 IN ON GD					26.5 8	.5 11	3.5 4	22.2 28	.5 3	1.5			54.7 54	
CLARKSVILLE 3 NNE	SNOWFALL 1 IN ON GD					1.0 1	T	.5	14.5 10	T	1.0			17.0 11	
CONGWINGO DAM	SNOWFALL 1 IN ON GD							-	- 9	.5 1	T			- -	
ELKTON	SNOWFALL 1 IN ON GD						T	3.0 4	9.0 7	T	T			12.0 11	
EMMITSBURG 2 SE	SNOWFALL 1 IN ON GD					11.5 6	T	2.5 4	21.0 17	T	3.0 2			38.0 29	
FREDERICK WFMD	SNOWFALL 1 IN ON GD					7.0 4	T	-	-	T	-			- -	
FREDERICK 3 F	SNOWFALL 1 IN ON GD					.5		1.0	13.0 -	T	1.0			15.5 -	
LOCH RAVEN DAM	SNOWFALL 1 IN ON GD					-		3.0	20.0 -		T			- -	
PARKTON 2 SW	SNOWFALL 1 IN ON GD					9.0 4	1.0	3.7 4	18.3 11	T	.2			32.2 19	
POTOMAC FILTER PLANT	SNOWFALL 1 IN ON GD					.5			- 6		-			- -	
ROCKVILLE 4 NE	SNOWFALL 1 IN ON GD					2.0 1		T	11.5 8	T	T			13.5 9	
TOWSON	SNOWFALL 1 IN ON GD					T	T	2.5 4	14.0 6	T	T			16.5 10	
UNIONVILLE	SNOWFALL 1 IN ON GD					6.0 3	T	2.7 -	12.5 -	T	T			21.2 -	
WESTMINSTER 2 SSE	SNOWFALL 1 IN ON GD					8.0 4	.3	3.0 4	19.5 11	T	-			- -	
WHEATON REGIONAL PARK	SNOWFALL 1 IN ON GD					-	T	T	14.0 4	T	T			- -	
WOODSTOCK	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-	
* * *															
APPALACHIAN MOUNTAIN 07															
BOONSBORO	SNOWFALL 1 IN ON GD					17.0 7	T	2.0 3	22.8 13	T				41.8 28	
CHEWSVILLE BRIDGEPORT	SNOWFALL 1 IN ON GD					8.5 5	-	-	-	-	-			- -	
CUMBERLAND	SNOWFALL 1 IN ON GD					11.0 4	T	4.0 4	18.0 23	.3	1.0 1			34.3 32	
CUMBERLAND POLICE BRKS	SNOWFALL 1 IN ON GD					8.0 5	T	4.0 4	24.0 27	T	T			36.0 36	
EDGEMONT	SNOWFALL 1 IN ON GD					17.0 6		2.0 4	20.0 20	T				39.0 36	
FROSTBURG	SNOWFALL 1 IN ON GD					25.2 10	2.0 2	-	-	-	-	-	-	- -	
FROSTBURG 2	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	5.0 3			- -	

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1971 - 1972

MARYLAND AND DELAWARE

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
MARYLAND													
HAGERSTOWN	SNOWFALL 1 IN ON GD				15.0 5	T	2.5 1	17.0 8	T	1.0			35.5 14
HANCOCK FRUIT LAB	SNOWFALL 1 IN ON GD				12.3 6		3.1 4	20.1 23	.3	.5			36.3 33
PICARDY	SNOWFALL 1 IN ON GD				11.0 6	T	4.0 1	20.0		T			35.0 -
WESTERNPORT UPRC	SNOWFALL 1 IN ON GD				6.0 4	T	9.5 4	9.5 16	1.0	T			26.0 24
WILLIAMSPORT	SNOWFALL 1 IN ON GD				10.7 -		2.6 1	13.5 -	-	-	-		- -
* * *													
ALLEGHENY PLATEAU 08													
BITTINGER 2 NW	SNOWFALL 1 IN ON GD				25.0 10	5.6 9	12.2 9	48.5 -	19.7 15	5.3 2			116.3 -
MCHENRY 2 NW	SNOWFALL 1 IN ON GD				18.0 10	4.5 8	9.0 12	56.0 29	10.5 12	4.5 4			102.5 75
MERRILL	SNOWFALL 1 IN ON GD				22.0 9	2.0 9	5.0 7	39.2 29	9.0 6	2.0 2			79.2 62
OAKLAND 1 SE	SNOWFALL 1 IN ON GD				21.0 10	2.0 7	12.9 8	38.4 28	8.9 2	5.0			88.2 55
SAVAGE RIVER DAM	SNOWFALL 1 IN ON GD				- 8	T 3	- 4	19.7 28	1.0 1	2.0 2			- 46
DELAWARE													
* * *													
NORTHERN 01													
MIDDLETOWN 1 WSW	SNOWFALL 1 IN ON GD						2.5 4	4.2 5		T			6.7 9
NEWARK UNIVERSITY FARM	SNOWFALL 1 IN ON GD						3.0 4	6.0 8	T	T			9.0 12
WILMINGTON NEWC WSD AP	SNOWFALL 1 IN ON GD					T	2.1 4	7.0 9	.3	.1			9.5 13
WILMGTN PORTER RESVR	SNOWFALL 1 IN ON GD					T	2.5 5	8.3 9	T	T			10.8 14
* * *													
SOUTHERN 02													
BRIDGEVILLE 1 NW	SNOWFALL 1 IN ON GD					T	T	10.5 3	T	1.0			11.5 3
DOVER	SNOWFALL 1 IN ON GD					T	2.0 1	17.0 3	T	.3			19.3 4
GEORGETOWN 5 SW	SNOWFALL 1 IN ON GD						.4	7.5 3	T	T			7.9 3
LEWES 1 SW	SNOWFALL 1 IN ON GD						.5	.3	6.8 3	T	.4		8.0 3
MILFORD 2 WSW	SNOWFALL 1 IN ON GD					T	T	12.4 4	T	.5			12.9 4
SELBYVILLE	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-

See Reference Notes Following Station Index

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JULY
1972

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			
MARYLAND																																		
HANCOCK FRUIT LAB	MAX MIN	75 62	86 59	87 68	81 59	77 57	63 57	71 52	76 54	77 58	82 58	84 62	87 64	83 66	85 63	89 65	90 67	89 70	86 69	88 69	91 70	91 70	93 70	93 73	93 71	90 71	87 56	81 63	74 64	76 59	74 60	70 63	82.9 63.3	
PICARDY	MAX MIN	87 62	86 61	86 62	80 59	71 55	72 55	75 50	78 52	83 56	85 60	88 63	83 62	88 66	89 63	89 63	87 65	88 67	88 67	91 68	92 68	94 71	95 70	94 71	91 72	88 67	83 55	78 62	76 63	72 61	66 58	71 59	83.7 62.4	
WESTERNPORT UPRC	MAX MIN	88 63	88 58	77 56	78 56	73 57	70 52	75 47	74 52	79 54	82 53	88 62	85 67	89 68	91 63	93 61	88 67	86 68	88 69	92 69	93 67	95 69	96 71	93 74	91 71	88 65	84 56	81 64	77 62	73 63	70 60	72 60	83.8 62.1	
* * *																																		
ALLEGHENY PLATEAU 08																																		
BITTINGER 2 NW	MAX MIN	77 59	78 55	70 60	69 52	61 50	59 45	65 41	68 48	75 51	80 56	75 61	80 59	77 64	80 62	81 62	77 61	75 65	80 63	83 64	84 64	83 67	84 65	81 67	79 68	76 61	72 50	68 58	70 60	65 56	62 54	67 55	74.1 58.2	
MCHENRY 2 NW	MAX MIN	65 55	70 58	80 60	69 52	70 50	56 48	62 48	69 48	70 53	77 56	76 62	82 62	75 61	79 62	81 62	83 61	77 64	77 62	83 66	86 66	83 68	84 69	83 66	82 67	80 61	77 52	77 52	69 59	73 57	65 53	61 53	74.9 58.5	
DAKLAND 1 SE	MAX MIN	79 59	80 54	72 62	71 53	59 52	63 47	69 43	71 46	78 49	77 53	84 57	75 59	80 63	81 59	83 64	79 63	78 60	84 59	88 64	87 61	87 64	87 69	86 67	83 67	79 61	77 51	69 59	72 61	70 58	60 54	67 54	76.6 57.8	
SAVAGE RIVER DAM	MAX MIN	70 58	82 56	83 59	75 56	76 54	65 48	66 46	71 47	72 52	80 55	80 57	84 60	77 64	82 61	84 61	86 65	81 66	77 65	85 67	90 65	88 67	88 71	89 72	87 64	81 55	78 58	69 62	74 61	68 57	61 57	78.5 59.8		
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
MIDDLETOWN 1 WSW	MAX MIN	85 63	91 68	90 71	88 62	78 58	73 56	78 55	78 57	81 56	85 61	87 65	87 64	79 69	91 70	90 71	91 71	90 73	94 70	94 71	90 72	94 73	94 74	93 74	94 76	93 73	90 75	88 63	82 66	81 65	79 58	77 62	81 64	86.1 66.3
NEWARK UNIVERSITY FARM	MAX MIN	85 62	89 66	89 69	79 61	78 57	73 53	77 56	77 56	80 56	86 58	86 66	86 65	81 69	90 70	91 72	89 74	89 69	92 72	93 74	94 74	94 73	94 73	92 73	91 74	89 60	82 66	82 66	82 65	76 59	77 63	65 65	85.6 66.0	
WILMINGTON NEWC WSD AP	MAX MIN	85 64	89 68	88 72	80 63	70 59	74 56	78 58	77 60	79 58	86 64	87 67	84 68	81 71	91 72	92 74	90 73	89 72	89 74	91 77	94 77	95 77	93 78	95 78	92 76	90 74	84 65	79 68	82 65	78 62	76 60	80 69	85.1 68.6	
WILMGTN PORTER RESVR	MAX MIN	83 61	88 66	87 70	77 61	67 51	73 53	77 56	77 55	78 56	88 65	88 65	84 66	81 68	89 70	90 72	88 69	88 69	89 70	94 73	93 74	93 73	92 76	93 75	89 73	88 69	79 60	80 65	79 65	76 60	77 63	84.0 65.4		
* * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	MAX MIN	84 63	90 67	90 71	80 64	71 61	74 58	77 54	80 54	82 55	85 60	89 63	82 65	80 69	90 70	89 72	92 73	90 71	91 73	95 74	94 73	92 71	95 74	94 73	92 76	93 74	84 75	80 67	80 65	81 65	76 62	70 63	81 64	85.0 66.7
DOVER	MAX MIN	84 64	91 70	91 73	88 64	78 60	71 58	77 65	80 55	79 56	85 63	87 67	86 66	78 69	93 71	92 73	90 76	90 71	89 72	90 76	97 74	95 74	94 78	94 76	94 76	91 76	89 66	83 66	80 67	79 62	76 64	80 64	86.2 68.1	
GEORGETOWN 5 SW	MAX MIN	80 62	83 68	91 70	89 65	79 63	66 58	72 53	75 52	80 54	82 61	85 60	88 66	81 69	80 70	90 72	90 75	91 73	91 71	92 72	92 70	92 72	94 74	93 72	95 73	92 73	89 66	83 62	81 64	82 62	75 63	70 64	84.5 66.1	
LEWES 1 SW	MAX MIN	79 67	91 71	91 71	78 64	71 60	69 60	71 55	75 52	78 56	84 64	88 68	82 67	80 70	90 73	91 73	87 75	88 72	88 72	88 74	91 73	94 73	88 78	96 74	88 74	89 74	84 67	78 67	79 66	74 61	70 63	84 65	83.5 67.7	
MILFORD 2 WSW	MAX MIN	85 61	91 67	91 67	87 64	76 60	72 58	75 53	80 51	82 53	88 61	89 63	88 66	80 68	91 69	90 71	91 71	91 69	92 74	93 70	94 72	93 74	95 72	92 73	92 73	87 63	82 62	80 64	77 64	74 61	83 64	86.0 65.2		
SELBYVILLE	MAX MIN																																	

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1971 - 1972

MARYLAND AND DELAWARE

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
MARYLAND														
* * *														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE STATE PARK	0	0	3	58	468	565	751	793	621	407	193	26	3885	
CRISFIELD SOMERS COVE	0	0	6	30	453	538	729	779	599	338	61	6	3539	
POCOMOKE CITY	0	0	10	43	470	504	721	756	588	339	79	15	3525	
PRINCESS ANNE	0	0	16	70	522	545	774	796	623	380	94	28	3848	
SALISBURY	0	0	15	53	499	516	739	773	589	345	68	20	3617	
SALISBURY FAA AP	0	0	20	61	516	579	779	812	642	363	97	27	3896	
SNOW HILL 4 N	1	1	15	70	518	551	776	800	648	398	124	25	3927	4143
* * *														
CENTRAL EASTERN SHORE 02														
BLACKWATER REFUGE	0	0	20	51	519	574	810	840	651	401				
CAMBRIDGE 4 W	0	0	18	63	521	582	840	848	654	388	85	24	4023	
DENTON 1 NNW	0	2	23	80	554	633	877	864	667	385	56	29	4192	
EASTON POLICE BARRACKS	0	0	24	56	522	572	812	822	618	371	85	20	3902	
PRESTON 1 S	0	0	24	76	539	616	833	839	656	405	98	27	4113	
ROYAL OAK	0	0	20	52	509	598	839	840	621	360	62	17	3918	
VIENNA	0	0	14	55	464	519	777	808	595	362	74	13	3681	
* * *														
LOWER SOUTHERN 03														
CHARLOTTE HALL 2 SE	0	0		66	541	573		825	594		78	18		
LA PLATA 1 W	0	3	18	76	549	585	825	837	606	343	97	31	3970	
LEONARDTOWN 3 NW	0	1	29	97	561	588	832	823	595	347	88	29	3990	
DWINGS FERRY LANDING	0	1	40	118	578	649	885	906	659	371	99	36	4342	4242
PRINCE FREDERICK 1 N	0	1	23	92	552	594	827	849	629	373	102	32	4074	
SOLOMONS	0	0	5	30	464	536	775	809	594	327	64	7	3611	3891
WALDORF POLICE BRKS	0	0	20	77	555	570	830	836	590	344	66	18	3906	
* * *														
UPPER SOUTHERN 04														
ANNAPOLIS USN ACADEMY	0	0	7	46	509	599	842	859	663	381	76	12	3994	
BALTIMORE WSO AP	0	0	24	96	571	652	841	884	663	396	94	42	4263	4654
BELTSVILLE	2	7	31	142	621	710	934	957	714	434	129	56	4737	
BELTSVILLE PLANT STA 5	0	3	27	117	587	668	882	928	668	421	118	47	4466	
COLLEGE PARK	0	0	20	82	553	586	807	840	611	334	72	17	3922	4449
DALECARLIA RESVR D C	0	0	18	88	556	568	805	850	591	314	62	20	3872	
FORT GEORGE G MEADE	0	0	21	103	566	633	853	878	660	373	98	35	4220	
GLENN DALE BELL STA	0	1	28	106	594	635	851	871	655	382	105	37	4265	4646
LAUREL 3 W	0	0	23	83	562	628	851	880	658	328	71	30	4114	
NATIONAL ARBORETUM D C	0	0	19	70	549	596	804	841	606	344	77	21	3927	
SUITLAND	0	0	22	111	591	661	869	927	678	408	130			
U. S. SOLDIERS HOME DC	0	0	16	75	528	610	841	861	662	333	64	22	4012	
UPPER MARLBORO 3 NNW	0	3	30	116	597	664	876	931	682	423	119	45	4486	
* * *														
NORTHERN EASTERN SHORE 05														
CENTREVILLE	0	3	22	81	567	656	871	860	663	407	92	27	4249	
CHESTERTOWN	0	3	29	110	597	709	908	901	700	418	102	31	4508	
COLEMAN 3 NNW	0	0	19											4489
EASTERN NECK ISLAND	0	0	10	64	510			841	645	341	75	17		
MILLINGTON	1	4	34	124	528	726	931	928	735	470	135	49	4665	4518
* * *														
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	0	2	27	110	602	684	924	919	745	424	104	39	4580	
BALTIMORE WSO CI	0	0	10	78	530	587	790	851	668	347	53	17	3931	4111
BENSON POLICE BARRACKS	0	0	23	95	556		907	930	749	435	110	38		
BOYDS 2 NW	0	2	29	116	608	670	898	925	695	384	110	49	4486	
CATOCTIN MOUNTAIN PARK	1	6	52	199	686	796	1021	1055	843	465	166	74	5364	
CLARKSVILLE 3 NNE	0	7	33	150	635	716	915	934	729	443	131	43	4736	

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Continued

SEASON OF 1971 - 1972

MARYLAND AND DELAWARE

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
MARYLAND														
CONDWINGO DAM	0	0	32	137	625	767		975	772	473	106	42		
ELKTON	0	6	31	123	629	732	946	925	739	526	93	39	4789	4826
EMMITSBURG 2 SE	0	4	35	176	676	748	971	994	735	453	137	55	4984	
FREDERICK WFMD						770			695		128	68		5087
PARKTON 2 SW	2	10	53	175	672	781	976	1030	818	511	164	71	5263	
ROCKVILLE 4 NE	0	2	30	121	613	675	855	911	657	379	98	35	4376	
TOWSON	0	0	24	84	559	640	849	910	699	383	80	42	4270	
UNIONVILLE	0	8	44	174	688	756	958	1006	741	479	134	57	5045	
WESTMINSTER 2 SSE	0	8	43	168	670	754	969	1010	786		136			5037
WHEATON REGIONAL PARK	0	2	32	164	609	662	883	919	688	418	109	38	4524	
WOODSTOCK														
* * *											111	42		4963
APPALACHIAN MOUNTAIN 07														
BOONSBORO	0	3	32	140	614	682	903	933	720	396	101	47	4571	
CHEWSVILLE BRIDGEPORT	0	7	36	184	661					429	113	47		5234
CUMBERLAND	0	8	43	140	673	737	954	997	765	418	113			
CUMBERLAND POLICE BRKS	0	4	36	155	637	726	901	999	746	396	111	53	4764	
FROSTBURG	5	11	39	210	735	784								5749
FROSTBURG 2										539	215			
HAGERSTOWN	0	2	38	174	656	766	955	1002	708	380	88	46	4815	
HANCOCK FRUIT LAB	8	13	44	209	666	783	960	1039	772	476	162	80	5212	
PICARDY	1		44	173	629	684	937	983	767	434	142	54		
WESTERNPORT UPRC	0	4	34	165	629	660	932	943	727	396	112	53	4655	
* * *														
ALLEGHENY PLATEAU 08														
BITTINGER 2 NW	60	62	100	312	826	879	1138	1180	980	598	267	189	6591	
MCHENRY 2 NW	30	44	96	323	841	900	1152	1228	988	575	235	208	6620	
DAKLAND 1 SE	33	41	71	278	798	806	1039	1142	909	568	266	165	6116	6403
SAVAGE RIVER DAM	17	22	73	264	751	873	1042	1148	943	536	212			
DELAWARE														
* * *														
NORTHERN 01														
MIDDLETOWN 1 WSW	0	2	24	85	575	667	879	895	710	436	93	28	4394	
NEWARK UNIVERSITY FARM	0	2	20	105	603	703	910	935	739	444	100	35	4596	
WILMINGTON NEWC WSO AP	0	2	23	93	585	702	889	935	732	443	105	27	4536	4930
WILMGTON PORTER RESVR	0	5	36	130	643	760	946	976	803	488	153	44	4986	
* * *														
SOUTHERN 02														
BRIDGEVILLE 1 NW	0	0	28	86	562	604	822	847	672	405	104	29	4159	4409
DOVER	0	0	14	67	544	618	829	858	676	409	87	21	4123	4354
GEORGETOWN 5 SW	5	2	37	96	583	649	856	891	676	439	141	47	4422	
LENES 1 SW	1	1	12	85	532	592	834	842	674	451	152	35	4211	
MILFORD 2 WSW	0	1	25	94	567	617	819	847	662	412	102	35	4181	
SELBYVILLE														

See Reference Notes Following Station Index

REFERENCE NOTES

MARYLAND AND DELAWARE
JULY 1972

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.
- 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. Hoggard
Director, National Climatic Center

USCOMB-NOAA-ASHEVILLE, N. C. 8/31/72-960

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