

CLIMATOLOGICAL DATA

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

MARYLAND AND DELAWARE

DECEMBER 1971

Volume 75 No. 12

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.	1st or Above	2nd or Below					3rd or Below	4th or Below	Total	Max. Depth on Ground	Date	10 or More	30 or More	100 or More
MARYLAND																										
* * *																										
SOUTHERN EASTERN SHORE 01																										
ASSATEAGUE STATE PARK		55.4	37.7	46.6		74	16	22	5+	565	0	0	10	0	1.06		.70	20	T	0			1	0	0	
CRISFIELD SOMERS COVE		54.9M	40.0	47.5M	6.3	67	16	24	19+	538	0	0	6	0	.92	- 2.00	.48	20	.0	0			3	1	0	
POCOMOKE CITY		58.7	38.5	48.6		76	16	20	3	504	0	0	9	0	1.27		.77	20	.0	0			2	1	0	
PRINCESS ANNE		57.7	37.1	47.4		75	16	18	3	545	0	0	11	0	1.11		.72	20	.0	0			2	1	0	
SALISBURY		58.3	38.1	48.2		75	16	19	3	516	0	0	9	0	1.42	- 1.71	.77	20	.0	0			2	2	0	
SALISBURY FAA AIRPORT		56.2	36.1	46.2		76	16	17	3	579	0	0	13	0	1.53		.84	20	T	0			2	1	0	
SNOW HILL 4 N		57.0	37.0	47.0	7.7	75	16	18	3	551	0	0	11	0	1.48	- 1.93	.78	20	T	0			3	1	0	
DIVISION				47.4											1.26	- 1.86			T							
* * *																										
CENTRAL EASTERN SHORE 02																										
BLACKWATER REFUGE		56.3	36.4	46.4		76	16	18	3	574	0	0	12	0	1.94		1.18	7	T	0			2	2	1	
CAMBRIDGE 4 W		55.5	36.6	46.1		72	16	19	3	582	0	0	10	0	1.96		1.18	7	T	0			2	2	1	
DENTON 1 WNW		54.6M	33.2M	43.9M		70	16	17	3	653	0	0	14	0	2.84		2.22	7	.0	0			2	2	1	
EASTON POLICE BARRACKS		55.7	36.9	46.3	8.4	72	16	23	23+	572	0	0	11	0	2.55	- .58	1.75	7	T	18			2	2	1	
PRESTON 1 S		54.5	35.2	44.9		70	16	19	3	616	0	1	13	0	2.51		1.82	7	T	0			2	2	1	
ROYAL OAK		54.5	36.5	45.5		71	16	19	3	598	0	0	10	0	2.48		1.75	7	T	0			2	2	1	
VIENNA		58.9	37.3	48.1		78	16	20	3	519	0	0	10	0	.97		.66	20	.0	0			2	1	0	
DIVISION				45.9											2.18	- .95			T							
* * *																										
LOWER SOUTHERN 03																										
CHARLOTTE HALL 2 SE		57.3	35.5	46.4		75	16	16	3	573	0	0	12	0	.90		.45	6	.0	0			3	0	0	
LA PLATA 1 W		56.4	35.5	46.0		77	16	15	3	585	0	0	13	0	2.15		1.60	7	T	0			2	1	1	
LEONARDTOWN 3 NW		57.1	34.7	45.9		76	16	16	23+	588	0	0	14	0	1.46		.73	7	.0	0			3	2	0	
OWINGS FERRY LANDING		54.0M	33.7M	43.9M	5.6	74	16	14	3	649	0	1	13	0	2.44	- .61	1.97	7	.0	0			2	1	1	
PRINCE FREDERICK 1 N		55.8	35.6	45.7		76	16	16	3	594	0	0	13	0	1.99		1.46	7	T	0			2	2	1	
SOLOMONS		56.5	38.6	47.6	7.3	74	16	19	20	536	0	0	9	0	1.18	- 1.79	.57	20	.0	0			2	2	0	
WALDORF POLICE BRKS		56.5M	36.5M	46.5M		75	16	15	3	570	0	1	9	0	1.02		.85	7	T	0			2	1	0	
DIVISION				46.0											1.59	- 1.51			T							
* * *																										
UPPER SOUTHERN 04																										
ANNAPOLIS USN ACADEMY		53.8	37.0	45.4		72	16	22	3	599	0	0	10	0	2.57		2.01	7	.0	0			2	1	1	
BALTIMORE CITY WSO		52.7	34.7	43.7	7.9	71	16	18	3	652	0	0	11	0	1.29	- 1.70	.90	7	T	18			2	1	0	
BELTSVILLE		51.1M	32.5	41.8M		70	17+	14	3	710	0	1	17	0	1.82		.70	7	.0	0			3	2	0	
BELTSVILLE PLANT STA 5		52.2	34.3	43.3		70	28+	17	23	668	0	0	14	0	2.02		.95	7	T	18			3	1	0	
COLLEGE PARK		55.2	36.5	45.9	8.9	72	16	18	3	588	0	0	11	0	2.07	- .97	1.60	7	T	0			2	1	1	
DALECARLIA RESVR D C		56.5	36.4	46.5		74	16	17	3	568	0	0	11	0	1.86		1.32	7	.0	0			2	1	1	
FORT GEORGE G MEADE		54.3	34.4	44.4		72	16	14	3	633	0	0	14	0	2.46		.98	7	T	0			2	1	1	
GLENN DALE BELL STA		55.0	33.5	44.3	8.3	72	16	13	3	635	0	0	14	0	2.22	- .75	1.75	7	.0	18			2	1	1	
LAUREL 3 W		52.4	36.7	44.6		68	16	20	3	628	0	1	10	0	1.47		.62	8	T	0			3	1	0	
NATIONAL ARBORETUM D C		55.2	35.8	45.5		78	27	16	3	596	0	0	12	0	2.24		1.71	7	.0	0			2	1	1	
SUITLAND		52.5	34.4	43.5		72	17	18	3	661	0	1	14	0	1.91		.80	7	.0	0			3	2	0	
U. S. SOLDIERS HOME DC		54.2	36.2	45.2		75	16	22	18+	610	0	0	10	0	2.00		1.51	7	T	0			2	1	1	
UPPER MARLBOR 3 NNE		53.9	32.9	43.4		73	17	14	3	664	0	0	16	0	2.27		1.28	7	T	0			3	1	1	
DIVISION				44.4											1.94	- 1.03			T							
* * *																										
NORTHERN EASTERN SHORE 05																										
CENTREVILLE		52.6	34.6	43.6		68	16	17	3	656	0	1	12	0	3.31		2.68	7	T	0			2	2	1	
CHESTERTOWN		51.4	32.5	42.0		68	16	18	3	709	0	1	13	0	2.27		1.65	7	T	0			2	1	1	
COLEMAN 3 WNW																										
EASTERN NECK ISLAND		52.8M				69	16	22	3		0	0			3.02		2.45	7	.0	0			2	1	1	
MILLINGTON		51.7	31.1	41.4	4.6	68	16	12	3	726	0	0	15	0	2.54	- .58	1.60	7	.0	0			3	2	1	
DIVISION				42.3											2.79	- .35			T							
* * *																										
NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FLD		50.5	34.9	42.7		69	16	16	3	684	0	0	13	0	.87		.87	7	.0	0			1	1	0	
BALTIMORE CITY WSO		53.6	38.3	46.0	7.0	74	16	25	19+	587	0	0	9	0	1.44	- 1.72	1.03	7	.0	0			2	1	1	
BENSON POLICE BARRACKS						70	16				0	0			.89		.87	7	.0	0			1	1	0	
BOYDS 2 NW		51.5	34.8	43.2		69	27	18	3	670	0	1	12	0	1.22		.95	7	.0	0			2	1	0	
CATOCTIN MOUNTAIN PARK		46.7	31.2	39.0		63	16	13	2	796	0	5	16	0	1.58		.90	7	.5	10	1		3	1	0	
CLARKSVILLE 3 NNE		51.5	31.9	41.7		69	16	13	3	716	0	1	15	0	1.23		.86	7	T	0			2	1	0	
CONOWINGO DAM		49.0M	31.1M	40.1M		68	20+	16	3	767	0	0	16	0	1.19		.60	7	.0	0			4	1	0	
ELKTON		50.6	31.7	41.2	5.9	70	16	14	3	732	0	0	16	0	1.40	- 1.79	.96	7	T	0			2	1	0	
EMMITTSBURG 2 SE		50.0	31.3	40.7		65	16+	12	3	748	0	1	16	0	1.16		.75	6	T	0			3	1	0	
FREDERICK WFMD		51.0	29.3M	40.2M	6.0	67	17	15	23+	770	0	0			1.23	- 1.66	.77	7	T	0			3	1	0	
PARKTON 2 SW		48.4M	30.6M	39.5M		67	16	15	23	781	0	1	17	0	1.09		.49	7	1.0	T	6+		3	0	0	
ROCKVILLE 4 NE		53.1	32.8	43.0		71	27	14	3	675	0	1	15	0	1.31		.97	7	.0	0			2	1	0	

See Reference Notes Following Station Index

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Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
DECEMBER 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		
										Max.		Min.						Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										30° or Above	32° or Below	32° or Above	30° or Below										
TOWSON	52.1	36.1	44.1		68	16	16	18	640	0	0	11	0	1.23	- 2.20	.86	7	T	0		3	1	0
UNIONVILLE	50.2	30.5	40.4		66	16	12	3	756	0	2	16	0	1.09		.66	7	T	T	18+	3	1	0
WESTMINSTER 2 SSE	48.8	32.1	40.5	6.1	67	16	14	23+	754	0	2	15	0	.94	- 2.37	.51	7	T	.3	18	2	1	0
WHEATON REGIONAL PARK	52.6	34.1	43.4		68	16	14	3	662	0	0	14	0	1.61		1.02	7	T	0		2	1	1
WOODSTOCK																							
DIVISION			41.7	6.7										1.22	- 1.97			.1					
* * *																							
APPALACHIAN MOUNTAIN																							
07																							
BOONSBORO	50.3	35.2	42.8		66	27	15	3	682	0	2	10	0	1.04		.70	7	T	5	1	2	1	0
CHEWSVILLE BRIDGEPORT					70	30	14	3+	737	0	1	18	0	1.23		.40	6	T	T	19+	3	0	0
CUMBERLAND	52.1	29.9	41.0		69	30	13	18+	726	0	0	17	0	.48		.25	7	T	T	19+	1	0	0
CUMBERLAND POLICE BRKS	51.9M	30.6	41.3M		62	23	22	30	784	0	0	11	0	1.49	- 1.37	.55	6	2.0	1	18+	5	1	0
FROSTBURG	45.0	33.8	39.4	7.5																			
HAGERSTOWN	48.7	31.3	40.0		65	27	13	23+	766	0	1	16	0	1.58		.81	7	T	T	1	2	2	0
HANCOCK FRUIT LAB	48.5	30.5	39.5		68	28	12	23+	783	0	1	13	0	1.10	- 1.40	.58	7	.0	0		2	1	0
PICARDY	51.3	34.0	42.7		68	30	12	3	684	0	1	13	0	1.00		.51	7	T	T	4	2	1	0
WESTERNPORT UPRC	52.8M	33.6M	43.2M		69	30	15	3	660	0	1	14	0	1.06		.48	7	T	T	18	3	0	0
DIVISION			41.2	7.4										1.12	- 1.56			.3					
* * *																							
ALLEGHENY PLATEAU																							
08																							
BITTINGER 2 NW	45.3	27.6	36.5		68	15	6	3	879	0	5	20	0	2.35		.44	6	5.6	8	3+	8	0	0
MCHENRY 2 NW	44.5	26.8	35.7		68	16	7	18	900	0	7	21	0	2.26		.36	7	4.5	4	5+	6	0	0
OAKLAND 1 SE	48.8	28.6	38.7	8.5	70	15	3	3	806	0	4	18	0	2.32	- 1.39	.56	7	2.0	2	18+	7	1	0
SAVAGE RIVER DAM	46.2	27.0	36.6		66	16	9	3	873	0	4	21	0	1.41		.40	8	T	3	1	4	0	0
DIVISION			36.9	7.5										2.09	- 1.40			3.0					
DELAWARE																							
* * *																							
NORTHERN																							
01																							
MIDDLETOWN 1 WSW	51.9	34.5	43.2		67	16	18	3	667	0	0	13	0	1.95		1.28	7	.0	0		3	1	1
NEWARK UNIVERSITY FARM	50.7	33.3	42.0		68	16	17	23+	703	0	0	15	0	1.22		.73	7	.0	0		3	1	0
WILMGTN NCATTLE WSD	50.4	33.8	42.1	7.0	69	16	18	3	702	0	0	12	0	1.33	- 1.70	.89	7	T	T	18	2	1	0
WILMGTN PORTER RESVR	48.8	31.6	40.2		67	16	17	3	760	0	0	15	0	1.73	- 1.40	.88	7	T	0		4	1	0
DIVISION			41.9	6.3										1.56	- 1.54			T					
* * *																							
SOUTHERN																							
02																							
BRIDGEVILLE 1 NW	54.9	35.7	45.3	7.5	71	16	16	3	604	0	1	13	0	2.30	- .73	1.84	7	T	0		2	1	1
DOVER	53.8	35.9	44.9	7.0	70	16	18	3	618	0	0	9	0	3.56	.45	2.76	7	T	0		3	1	1
GEORGETOWN 5 SW	53.8	33.8	43.8		74	17	16	23+	649	0	0	15	0	1.78		.85	7	.0	0		4	1	0
LEWES 1 SW	54.5	36.9	45.7		72	16	20	3	592	0	0	10	0	2.39		1.55	7	.5	0		3	2	1
MILFORD 2 WSW	54.6	35.2	44.9		70	16	14	3	617	0	0	12	0	3.20		2.46	7	.0	0		3	2	1
SELBYVILLE																							
DIVISION			44.9	6.8										2.65	- .55			.1					

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 78° ON THE 27+ AT 2 STATIONS, MARYLAND

LOWEST TEMPERATURE: 3° ON THE 3D AT OAKLAND 1 SE, MARYLAND

GREATEST TOTAL PRECIPITATION: 3.56 INCHES AT DOVER, DELAWARE

LEAST TOTAL PRECIPITATION: .48 INCH AT CUMBERLAND POLICE BRKS, MARYLAND

GREATEST ONE-DAY PRECIPITATION: 2.76 INCHES ON THE 7TH AT DOVER, DELAWARE

GREATEST REPORTED TOTAL SNOWFALL: 5.6 INCHES AT BITTINGER 2 NW, MARYLAND

GREATEST REPORTED DEPTH OF SNOW ON GROUND: 10 INCHES ON THE 1ST AT CATOCTIN MOUNTAIN PARK, MARYLAND

See Reference Notes Following Station Index

MARYLAND AND DELAWARE - DECEMBER 1971

SPECIAL WEATHER SUMMARY

December 1971 was extremely mild with mostly light precipitation and little or no measurable snowfall.

This was the warmest December since 1956. For some long-term stations, particularly in the eastern portion, such as Annapolis, Cambridge, and Salisbury, it was the warmest December on record, while at the area's three first-order stations (Baltimore, Wilmington, and Washington, D. C.) it was the second warmest. Since 1870 the monthly temperature at the Baltimore City Office has averaged 45.0° or higher only five times: 1889, 1923, 1931, 1956, and 1971. This year's average monthly temperature of 45.9° at Baltimore is its second highest on record, being exceeded only by the 46.5° average in 1956. Daily temperatures at the first-order stations were above normal from 6th-17th, from 20th-21st, and from 24th-31st, and were at least 10° above normal for a remarkably high number of days, 16 at Wilmington, 17 at Washington, and 18 at Baltimore. The average daily temperature on the 16th was at least 60° at many stations in the eastern portion of Maryland and in Delaware. This is an unusually high daily average temperature for December.

Monthly precipitation was mostly 1 to 2 inches below normal except in central Eastern Shore and central Delaware, where totals were nearly normal to slightly above normal. Snowfall was very light, with stations outside the Garrett County area reporting mostly no more than traces. It was also very much below normal in Garrett County.

December was a cloudy month as indicated by the sky cover and sunshine data at the first-order weather stations. Sky cover at Baltimore Airport averaged 7.1 tenths for the month, average 6.2 tenths; percent of possible sunshine was 39 percent, average 49 percent. Average sky cover at Washington National Airport was 7.3 tenths for the month, average 6.4 tenths; percent of possible sunshine was 36 percent, average 49 percent.

The month was marked by one severe windstorm. Strong northwesterly winds on the 18th brought considerable damage to the oyster industry in the central Eastern Shore area where many oyster boats were sunk or damaged. Fortunately, there was no loss of life.

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DAILY PRECIPITATION

MARYLAND AND DELAWARE
DECEMBER 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	1.06							.36										T			.70											
CRISFIELD SOMERS COVE	.92							.25	.12					T				.02			.48										.05	
PODOMOKE CITY	1.27							.29	.08			.01		.02					.04		.77										.06	
PRINCESS ANNE	1.11							.31	.03					T				.02			.72										.03	
SALISBURY	1.42							.53	.02					.02				.05			.77	.01			T						.02	
SALISBURY FAA AIRPORT	1.53						.07	.47	.05				.02								.84				T						.04	
SNOW HILL 4 N	1.48							.37	.21					.02		T		.02	T		.78				T						.08	

CENTRAL EASTERN SHORE 02																																
BLACKWATER REFUGE	1.94							1.18	.01	T			.03	.01	T	.02	T	.04	.03		.60	.02				T					T	
CAMBRIDGE 4 W	1.95							1.18	.01	T			.03	.01	T	.02		.04	.03		.62	.02			T						T	
DENTON 1 NW	2.84							2.22				.05		.02	.01				.04	.03	.56	T										
EASTON POLICE BARRACKS	2.55							1.75	.01					.02							.58										.01	
PRESTON 1 S	2.51							1.82						.04				.04	T	T	.65											
ROYAL DAK	2.48						T	1.75		T								.04	.04		.63	.02									T	
VIENNA	.97							.26	.03							.02					.66											

LOWER SOUTHERN 03																																
CHARLOTTE HALL 2 SE	.90						.45	.25													.20											
LA PLATA 1 W	2.15						.02	1.60	T	T			.02					.04	T		.47											
LEONARDTOWN 3 NW	1.46							.73	.01		.01							.11			.55	.05										
OWINGS FERRY LANDING	2.44						T	1.97	T					T							.47											
PRINCE FREDERICK 1 N	1.55						T	1.46	T	T				T							.53											
SOLOMONS	1.18							.55										.03			.57	.03										
WALDORF POLICE BRKS	1.02						T	.85	.10	T		T							T		.07											

UPPER SOUTHERN 04																																
ANNAPOLIS USN ACADEMY	2.57					T	T	2.01	T	T	T			.02	T		.03	.02		T	.49											
BALTIMORE WSD	1.29						.04	.90	T	T	T			T					T		.33	T									.02	
BELTSVILLE	1.82							.70	.65	.02											.42	.03										
BELTSVILLE PLANT STA 5	2.02						T	.95	.45	T	T									.05	.45	.05				.03				.02		
COLLEGE PARK	2.07							1.60	.05												.42											
DALECARLIA RESVR D C	1.86							1.32	.02	.01	.01										.49											
FORT GEORGE G MEADE	1.46						T	.98	.02			T						T	T		.44										.02	
GLENN DALE BELL STA	2.22						T	1.75	.03	.02	T		.02					T	T		.44											
LAUREL 3 W	1.47							.33	.02	.02											.43											
NATIONAL ARBORETUM D C	2.24						.02	1.71	.03				.04					.02			.42										.05	
SUITLAND	1.91							.80	.72	T	T			T				T	T		.37	.02	T									
U. S. SOLDIERS HOME DC	2.00						.03	1.51	.02					T							.44	T										
UPPER MARLBORO 3 NW	2.27							1.28	.42	.03				.01							.48	.05										

NORTHERN EASTERN SHORE 05																																
CENTREVILLE	3.31							2.68	.09							.02					.52											
CHESTERTOWN	2.27						.05	1.55	T		T					T		.02	.02		.48	T										.05
COLEMAN 3 NW	3.02							2.45	.03		.01										.46	.03										.01
EASTERN NECK ISLAND	2.54							1.60						.34							.52											.08

NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	.87							.87	T		T				T	T					.35											
BALTIMORE CITY WSD	1.44						.04	1.03													.35											
BENSON POLICE BARRACKS	.89							.87	.02		T								T		.35											
BOYDS 2 NW	1.22							.95		.05											.12											
BRIGHTON DAM	1.17							.38	.50		.03	.01									.19	.01										
BROOKDALE	1.85							1.38	.02	.01							.01	T			.43	T										
CATOCTIN MOUNTAIN PARK	1.58							.90	.07	.02	T		.02		T	T			.02		.36					.01						
CLARKSVILLE 3 NNE	1.23							.86	.02	.02		.01		T	T			T	T		.21											
CONDOWINGO DAM	1.19						T	.60	.05		T	T		T		.02	.02	T	T		.13	.02	T	T			.01	T				
ELKTON	1.40							.96	.03	T	T			T		.04					.37											
EMMITSBURG 2 SE	1.16							.25	T	T	.10				T	T					.06											
FREDERICK WFD	1.23							.77	.23	.03	T										.13											
FREDERICK 3 E	1.08							.70	.28	T	T																					
LOCH RAVEN DAM	1.39							.90	T	.06			.06								.16							.05				
PARKTON 2 SW	1.09							.49	.02	.04	.02		T			T	T		.07	T	.07	T										
POTOMAC FILTER PLANT	1.10							.46	.41	.02											.15											
ROCKVILLE 4 NE	1.51						.01	.97	.01	.01											.22	.01										
TOWSON	1.23							.86	.03	.01	T			.01	T						.20	T										
UNIONVILLE	1.09							.66	.04	T				T	T						.10											
WESTMINSTER 2 SSE	.94							.51	.27	T	.02	.03		T	T				.02		.04	T										
WHEATON REGIONAL PARK	1.61							1.02	.02	.04	.01	T		.01						.02	T											
WOODSTOCK																																

APPALACHIAN MOUNTAIN 07																																
BODDYSBORO	1.04						.21	.70	.04	.01	T				T	T					.04	.01										
CHEMUNVILLE BRIDGEPORT								.30	.25	.02		T							.05		.07	.03										
CUMBERLAND	1.23							.02	.65						.09	.02		.02	T		.07	.03										
CUMBERLAND POLICE BRKS	.46							.09	.40	.24	.03					.02					.04	.02										
EDGEWOOD	.85																				.02											
PROBSTBURG	1.49							.55	.36	.11	T				T	.06			.10	.09	T	.03	.04	T								
WAGNERSTOWN	1.58							.81		.07					.03	T					.07	.04										
WANCOCK FRUIT LAB	1.40							.58	.09	.02	T						.05				.10											
PICARDY	1.00							.51	T						T	T					.10											
WESTERNPORT UPRC	1.06							.41	.48	.03	T				T	T					.10	T										
WILLIAMSPORT	1.19							.15	.73	.27	.03					T	T		</													

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
DECEMBER 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	1.95							1.28	.15	T											.48											
NEWARK UNIVERSITY FARM	1.22							.73	.18	T											.26	T										
WILMGTN NCASTLE WSO	1.33							.08	.89	T	T	.01									.03	.01										
WILMGTN PORTER RESVR	1.79							.17	.88		T										.31	T					.01					
* * *																																
SOUTHERN 02																																
BRIDGEVILLE 1 NW	2.30							1.84	.02					.01							.31	.01										
DOVER	3.56							2.76	.18						.05		.03	T	T		.03											
GEORGETOWN 5 SW	1.78							.85	.35												.46	.12										
LEWES 1 SW	2.39							.03	1.55					T		.04				.15	.06	.52										
MILFORD 2 WSW	3.20							T	2.46	.10				T		T				.04	.02	.50	.02	T								
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 WSO MD	28	2.9	8.6	40	NW	18	71	74	64	66	11	2	1	1	0	0	15	41	7.1
WILMGTN NCASTLE WSO DEL	30	2.7	8.6	36++	31	18	73	76	64	71	7	7	1	1	0	0	16	-	7.0

MARYLAND AND DELAWARE
DECEMBER 1971

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 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																																	
NATIONAL ARBORETUM D C	MAX MIN	44 30	37 23	33 16	45 21	45 24	52 33	54 34	53 45	51 45	53 44	68 51	57 40	53 42	50 31	67 44	74 53	68 46	48 24	40 25	55 38	58 42	57 35	42 27	56 30	56 38	62 41	78 41	66 39	61 32	65 45	63 30	55.2 35.8
SUITLAND	MAX MIN	47 32	40 23	36 18	32 19	46 25	42 27	56 38	56 41	47 41	50 44	62 46	66 34	58 40	54 32	53 39	71 53	72 49	50 23	35 24	46 24	54 40	57 34	40 20	43 26	56 40	50 40	61 48	71 49	64 30	48 28	66 39	52.5 34.4
U. S. SOLDIERS HOME DC	MAX MIN	43 28	37 22	33 22	47 24	43 26	51 34	53 53	50 44	50 44	61 45	68 45	59 43	58 42	53 38	71 45	75 56	42 38	45 22	54 34	60 40	42 28	42 24	58 38	51 37	63 43	70 48	64 38	49 29	69 42	62 34	54.2 36.2	
UPPER MARLBOROUGH 3 NNW	MAX MIN	49 31	42 20	36 14	38 16	45 19	43 28	51 35	55 45	47 43	50 42	64 44	68 31	66 42	56 29	53 28	71 51	73 46	49 24	36 24	47 27	55 38	55 34	40 16	50 29	58 35	55 39	63 47	72 43	66 28	49 30	68 41	53.9 32.9
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	40 34	36 22	32 17	45 24	43 25	60 30	57 46	53 45	49 43	55 41	56 40	58 30	56 38	49 30	63 42	68 52	59 40	45 20	40 23	50 38	50 37	46 33	40 20	55 31	55 38	62 45	62 45	64 29	53 36	65 42	52.6 34.6	
CHESTERTOWN	MAX MIN	40 29	36 21	32 18	46 22	42 22	57 29	53 45	49 41	49 36	60 42	64 33	57 32	54 37	47 29	67 41	68 52	55 37	39 23	44 23	49 38	50 37	39 23	40 20	54 32	48 35	61 40	59 41	62 36	46 28	64 37	62 27	51.4 32.5
COLEMAN 3 NNW	MAX MIN																																
EASTERN NECK ISLAND	MAX MIN	44 35	39 24	35 22	45 28	43 27	52 34	54 44	53 44	48 43	54 43	64 40	56 33	50 36	48 34	60 44	69 54	64 45	58 34		50 40	50 50	48 48	40 51	53 53	59 62	62 62	61 61	55 56	56 62	62 62	52.8	
HILLINGTON	MAX MIN	45 28	37 19	33 12	44 18	43 19	58 28	55 44	54 40	50 39	51 40	67 43	55 27	54 37	45 25	65 38	68 51	62 38	38 22	40 20	40 30	50 36	43 28	41 14	55 28	51 33	62 35	59 43	62 38	47 24	63 33	65 33	51.7 31.1
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	39 33	35 22	33 16	44 26	40 25	48 32	51 44	49 40	48 41	48 42	65 50	55 31	57 45	48 31	61 39	69 50	63 42	42 23	38 23	48 36	55 42	51 32	35 32	50 36	52 36	58 39	55 49	60 36	50 51	56 38	61 35	50.5 34.9
BALTIMORE CITY WSD	MAX MIN	40 32	36 28	34 25	45 29	42 28	53 36	54 46	52 44	51 44	54 46	67 45	62 44	58 43	46 44	71 44	74 58	43 25	45 25	53 40	59 42	42 31	39 27	58 38	53 40	64 44	61 49	66 39	51 35	67 43	63 34	53.6 38.3	
BENSON POLICE BARRACKS	MAX MIN																50 27	56 36	69 48	43 22	38 19	49 29	54 35	51 31	36 16	52 55	62 60	60 63	53 41	57 53	58 63	63 63	
BOYDS 2 NW	MAX MIN	39 29	36 19	30 18	44 20	39 22	40 32	52 38	48 43	48 42	50 46	62 48	60 45	57 44	46 33	67 42	68 53	60 44	46 19	37 20	48 34	57 41	50 30	38 19	48 32	59 36	59 40	69 53	64 49	50 39	63 35	63 35	51.5 34.8
CATOCTIN MOUNTAIN PARK	MAX MIN	33 25	28 13	28 15	37 19	32 17	42 28	47 40	42 39	42 39	45 38	56 43	55 35	54 37	47 30	60 35	63 52	57 37	41 18	31 30	50 40	41 23	32 18	53 30	57 32	62 35	61 53	42 40	25 25	50 36	59 28	46.7 31.2	
CLARKSVILLE 3 NNE	MAX MIN	41 30	33 17	31 13	44 16	40 17	46 31	51 40	51 43	48 43	50 45	63 45	61 27	54 44	46 26	67 36	69 42	59 41	42 22	37 21	49 34	58 38	47 29	38 14	57 26	56 35	60 48	63 40	49 26	64 34	64 35	51.5 31.9	
CONOWINGO DAM	MAX MIN	40 29	33 21	35 16	41 21	39 22	46 32	50 41	48 40		49 42	62 32	50 29	54 33	42 27	58 37	68 42	53 33	38 24	39 20	46 37	52 38	41 22	35 17	50 32	50 36	51 38	58 40	64 37	47 28	68 34	62 32	49.0 31.1
ELKTON	MAX MIN	46 29	35 19	39 14	42 22	43 20	50 27	52 44	53 41	49 40	50 45	66 40	55 36	54 40	43 36	61 36	70 41	58 40	43 24	38 20	47 35	54 42	47 23	38 16	52 30	52 32	52 38	62 37	45 38	62 31	62 31	50.6 31.7	
EMMITSBURG 2 SE	MAX MIN	38 30	35 15	32 12	43 15	40 17	37 30	46 35	46 42	48 42	49 38	60 58	55 25	55 38	48 34	65 34	65 59	44 40	35 22	45 32	56 40	47 36	53 29	36 13	58 29	55 35	63 50	62 46	49 24	59 38	63 34	50.0 31.3	
FREDERICK WFMD	MAX MIN	44 26	38 19	34 15	35 18	44 17	39 24	43 33	49 41	44 41	49 40	52 35	60 29	59 32	52 28	43 28	64 38	67 42	64 20	49 22	53 39	47 38	59 30	42 15	44 24	47 30	56 41	66 28	55 28	63 35	60 35	51.0 29.3	
PARKTON 2 SW	MAX MIN	38 24	33 18	32 16	42 21	39 18	45 31	49 44	47 40	46 40	50 44	62 32	59 30	53 35	40 27	65 38	67 48	49 32	34 19	40 18	47 36	56 33	37 20	34 15	54 32	46 30	58 41	62 33	47 24	61 37		48.4 30.6	
ROCKVILLE 4 NE	MAX MIN	41 34	36 18	32 14	45 19	40 20	45 34	52 44	51 48	48 45	50 44	62 48	63 30	57 44	47 29	67 42	70 47	64 45	49 22	39 35	51 41	58 51	39 31	52 16	57 32	62 39	71 15	63 43	56 27	64 33	64 37	53.1 32.8	
TOWSON	MAX MIN	42 31	35 22	33 20	46 25	40 23	51 32	51 44	51 41	47 41	48 45	63 47	58 38	57 46	50 32	64 39	68 56	64 45	47 16	38 23	49 37	56 45	53 33	36 21	53 33	55 40	60 53	63 45	52 32	61 40	64 38	52.1 36.1	
UNIONVILLE	MAX MIN	38 29	32 14	31 12	41 14	36 16	40 32	48 38	46 43	42 42	50 46	61 35	59 25	53 41	65 23	66 38	60 42	39 20	40 37	48 41	54 41	44 13	44 21	55 23	56 25	55 40	63 50	63 35	48 21	61 35	62 32	50.2 30.5	
WESTMINSTER 2 SSE	MAX MIN	36 29	30 17	30 14	41 21	39 16	42 31	49 39	46 42	46 41	50 45	58 60	60 28	54 40	40 25	64 39	67 53	53 35	37 20	35 19	48 33	52 42	45 26	35 14	56 31	55 38	60 41	60 44	46 22	61 37	60 31	48.8 32.1	
WHEATON REGIONAL PARK	MAX MIN	42 30	34 19	33 14	40 19	41 19	48 30	52 34	52 43	48 42	50 42	59 48	58 48	55 44	50 28	67 44	68 48	65 44	48 25	37 23	51 33	57 40	54 31	39 16	52 28	57 32	62 39	67 50	64 43	54 27	63 37	65 37	52.6 34.1
WOODSTOCK	MAX MIN																																
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	MAX MIN	36 28	32 17	31 15	40 16	40 18	42 34	50 42	45 40	48 42	50 45	59 40	60 36	54 42	43 34	65 38	65 54	54 42	42 22	42 19	50 38	56 40	48 29	36 23	56 36	57 40	60 42	66 57	62 49	64 41	58 35	50.3 35.2	
CHEWSVILLE BRIDGEPORT	MAX MIN																																
CUMBERLAND	MAX MIN	37 20	35 14	31 14	43 16	38 18	41 34	50 39	50 43	52 43	61 45	61 45	61 27	59 27	43 27	68 36	68 40	51 31	35 17	39 17	61 35	56 28	41 18	40 31	57 31	50 39	63 52	67 37	56 27	70 33	65 24	52.1 29.9	
CUMBERLAND POLICE ARKS	MAX MIN	38 26	34 18	33 13	42 16	38 16	38 32	46 35	48 41	52 43	58 44	62 44	63 25	64 32	55 25	67 44	67 44	55 38	41 15	37 35	57 38	55 28	46 28	39 15	57 31	55 28	61 38	63 52	65 45	52 25	69 31	67 33	51.9 30.6
FROSTBURG	MAX MIN	41 28	40 33	51 38	46 39	45 32	41 36	39 34	40 37	52 39	44 36	40 29	37 29	42 34	40 30	48 38	50 43	48 27	41 36	39 26	40 34	62 35	62 39	58 37	43 32	56 32	48 34	57 42	64 26	40 22	37 32	45.0 33.8	
HAGERSTOWN	MAX MIN	37 25	37 13	30 13	41 15	39 18	41 31	47 38	44 40	48 39	51 42	58 46	59 30	55 28	43 27	45 31	64 38	55 42	42 19	35 19	52 33	55 38	43 33	36 33	58 33	53 30	60 39	65 52	62 40	49 24	47 31	48.7 31.3	

Continued

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 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	42	36	33	31	42	38	40	45	45	50	51	62	57	51	42	52	63	51	33	40	53	57	38	38	58	45	64	68	62	50	66	48.5
	MIN	29	13	12	13	14	33	38	38	42	44	42	23	33	23	33	38	39	23	21	33	36	30	12	33	26	41	45	45	21	38	34	30.5
PICARDY	MAX	37	34	28	39	35	43	49	48	54	57	59	63	57	44	65	66	53	38	40	56	57	42	37	56	54	61	64	65	53	68	66	51.3
	MIN	26	16	12	25	29	34	45	45	47	48	40	42	42	39	42	52	36	23	25	36	24	26	20	20	28	43	54	40	25	37	33	34.0
WESTERNPORT UPRC	MAX	37	33	32	39	39	40	48	51	52	58	61	65	62	48	64	68	67	41	16	55	55	45	38	56	56	60	63	66	49	69	67	52.8
	MIN	29	21	15	16	20	33	39	45	45	45	48	28	45	28	36	52	40	19	16	41	28	17	32	32	40	53	48	29	33	34	33.6	
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX	26	25	24	34	29	43	49	49	51	59	58	55	50	41	68	60	43	29	40	49	46	33	35	48	45	51	53	57	40	60	55	45.3
	MIN	17	9	6	13	20	26	41	43	41	45	39	31	30	25	38	43	27	9	10	33	32	17	18	30	25	41	48	26	18	33	23	27.6
MCHENRY 2 NW	MAX	28	25	25	32	32	36	51	53	46	53	63	46	54	40	53	68	50	40	23	45	47	43	31	48	47	48	50	57	45	42	60	44.5
	MIN	18	12	10	12	16	22	35	43	40	40	40	35	29	28	30	45	32	7	10	21	38	17	18	25	25	25	45	42	18	29	23	26.8
OAKLAND 1 SE	MAX	26	27	27	36	35	50	58	53	55	67	64	58	51	46	70	62	47	30	42	49	47	35	47	49	47	53	55	59	50	61	57	48.8
	MIN	21	10	3	6	24	32	41	44	42	41	34	28	30	24	35	47	30	11	5	35	33	20	18	38	27	40	50	40	21	29	27	28.6
SAVAGE RIVER DAM	MAX	37	30	28	27	34	35	43	43	48	52	61	50	59	45	40	66	55	45	24	46	53	50	35	36	53	53	58	64	52	45	65	46.2
	MIN	26	16	9	10	10	20	33	35	42	44	44	26	27	26	27	36	41	18	12	11	36	26	19	19	30	30	52	51	22	27	12	27.0
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	43	35	33	44	44	53	53	52	49	50	66	63	55	48	63	67	61	45	38	48	51	49	37	52	63	57	55	61	50	61	63	51.9
	MIN	31	19	18	23	23	30	45	42	41	45	48	36	37	29	39	52	43	24	23	35	43	32	21	31	36	38	48	40	28	35	35	34.5
NEWARK UNIVERSITY FARM	MAX	41	36	34	43	43	49	51	51	48	49	65	56	53	49	60	68	62	45	39	46	53	51	38	50	52	55	57	63	48	56	62	50.7
	MIN	30	20	17	25	23	28	44	42	40	45	47	28	44	26	37	45	43	24	21	33	43	30	17	31	35	38	43	41	27	32	34	33.3
WILMGTN NCATTLE WSO	MAX	40	35	35	45	42	51	52	50	48	52	66	55	54	44	67	69	53	37	43	48	53	41	37	52	49	56	56	61	46	63	62	50.4
	MIN	27	19	18	25	24	35	45	43	43	46	35	34	37	30	42	51	35	24	23	41	39	24	20	35	33	41	46	38	28	38	28	33.8
WILMGTN PORTER RESVR	MAX	38	34	37	43	39	50	52	49	47	53	65	51	53	42	65	67	57	36	39	46	51	38	37	50	47	47	55	60	43	62	61	48.8
	MIN	25	19	17	25	20	28	45	39	37	44	36	34	39	29	38	48	35	23	21	37	38	24	21	34	30	30	40	35	27	34	27	31.6
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	43	35	32	44	44	58	63	62	52	60	67	60	58	49	68	71	62	48	40	55	55	49	43	55	54	60	65	68	55	62	65	54.9
	MIN	33	21	16	25	26	30	52	44	43	42	52	32	44	29	41	54	47	24	22	38	42	31	21	31	39	38	43	47	29	35	37	35.7
DOVER	MAX	45	38	34	43	41	58	57	54	50	50	68	60	56	52	63	70	67	46	39	54	52	50	42	54	56	62	59	66	55	61	67	53.8
	MIN	35	22	18	20	26	32	51	44	42	42	47	34	34	33	41	61	43	25	24	37	39	34	23	34	39	39	47	43	31	37	37	35.9
GEORGETOWN 5 SW	MAX	50	41	34	33	45	45	60	66	47	53	65	68	61	55	51	70	74	48	35	53	56	53	39	45	57	51	63	66	68	49	66	53.8
	MIN	34	22	16	21	26	28	41	45	43	39	45	29	50	26	29	50	46	24	20	30	43	34	16	23	37	37	43	51	29	30	41	33.8
LEWES 1 SW	MAX	42	33	34	44	44	57	64	52	52	54	70	64	58	50	70	72	58	47	40	57	54	45	42	60	57	58	59	68	51	66	67	54.5
	MIN	33	23	20	28	32	36	52	44	42	41	45	34	40	30	42	54	45	25	22	39	44	32	26	41	36	39	48	50	29	35	38	36.9
MILFORD 2 WSW	MAX	44	35	33	44	43	60	65	58	52	56	69	61	57	50	59	70	62	46	40	58	55	50	41	55	55	63	60	69	57	63	62	54.6
	MIN	34	19	14	22	24	28	52	42	41	40	51	29	49	29	47	49	45	25	22	38	43	33	20	31	36	39	46	43	28	35	37	35.2
SELBYVILLE	MAX																																
	MIN																																

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
DECEMBER 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																																
SALISBURY FAA AIRPORT																				T													
SNOW HILL 4 N																				T													
* * *																																	
CENTRAL EASTERN SHORE	02																																
CAMBRIDGE 4 W																				T													
PRESTON 1 S																					T												
ROYAL OAK																				T													
* * *																																	
LOWER SOUTHERN	03																																
LA PLATA 1 W																				T													
* * *																																	
UPPER SOUTHERN	04																																
BALTIMORE WSO																				T	T												
COLLEGE PARK																				T													
FORT GEORGE G MEADE																				T													
GLENN DALE BELL STA																				T	T												
* * *																																	
NORTHERN EASTERN SHORE	05																																
CHESTERTOWN																				T													
* * *																																	
NORTHERN CENTRAL	06																																
ENMITSBURG 2 SE																				T													
FREDERICK WFMD																				T													
PARKTON 2 SW																				1.0	T												
UNIONVILLE																				T	T												
WESTMINSTER 2 SSE																				1.3	T												
* * *																																	
APPALACHIAN MOUNTAIN	07																																
CUMBERLAND																				T	T												
FROSTBURG																				1.0	1.0	T											
HAGERSTOWN																				T													
* * *																																	
ALLEGHENY PLATEAU	08																																
BITTINGER 2 NW																				4.9	5	2											
OAKLAND 1 SE																				2.0	2	1											
SAVAGE RIVER DAM																				T	T												
DELAWARE																																	
* * *																																	
NORTHERN	01																																
WILMGTN NCATTLE WSO																				T	T												
WILMGTN PORTER RESVR																				T													
* * *																																	
SOUTHERN	02																																
BRIDGEVILLE 1 NW																					T												
DOVER																				T													

See Reference Notes Following Station Index

LATE REPORTS

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE

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.						Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										80° or Above	32° or Below	32° or Below	0° or Below										
MARYLAND																							
* * * MAY 1971																							
LEONARDTOWN 3 NW	77.8	48.8	63.3		94	20+	34	1	95	2	0	0	0	9.50		2.02	30	.0	0	13	8	4	
DWINGS FERRY LANDING	73.3	50.7	62.0	- 2.8	87	19	38	1	117	0	0	0	0	7.02	2.92	1.90	30	.0	0	7	5	3	
* * * JUNE 1971																							
ASSATEAGUE STATE PARK	77.5	63.7	70.6		92	28	53	2	11	1	0	0	0	.81		.55	8	.0	0	2	1	0	
PICARDY	83.4	59.8	71.6		94	28	51	11+	8	6	0	0	0	2.73		.56	30+	.0	0	6	3	0	
* * * JULY 1971																							
CRISFIELD SOMERS COVE	83.9	70.5	77.2	- 2.2	89	8	59	5+	0	0	0	0	0	4.93	- .12	3.30	7	.0	0	4	3	1	
* * * AUGUST 1971																							
SUITLAND	83.2	63.5	73.4		90	11	53	25+	0	1	0	0	0	14.52		3.88	2	.0	0	8	6	5	

DAILY PRECIPITATION

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																																	
* * *																																	
FEBRUARY 1971																																	
WILLIAMSPORT	3.76				.01	.44	.02		.44	.45				.15	.72				.12		.05		.35	.64	.02			.35					
* * *																																	
MARCH 1971																																	
WILLIAMSPORT	2.03			.35	.55			.09						.21	.01					.05	.33	.44											
* * *																																	
APRIL 1971																																	
WILLIAMSPORT	1.24			.09				.77			.01								.09										.11	.17			
* * *																																	
MAY 1971																																	
LEONARDTOWN 3 NW	9.50		.11	.04			.01	.03	1.40	.21	.23		.33	.19	.52	1.41	.02				1.06							.01	.54	.61	2.02	.56	
DWINGS FERRY LANDING	7.02	T	.05		T							.03	.64	T		1.83					.43					T			1.10	1.90	.53		
WILLIAMSPORT	6.42		.39			.72		.68	.76	.10			.69	.48		.42	.05				.49						.15			.17	1.32		
* * *																																	
JUNE 1971																																	
ASSATEAGUE STATE PARK	.81											.05	.01	T		.18	.02											T					
MERRILL	2.99		.50		.18	.42		.09	.50			T	.04	.78	.12								.36										
PICARDY	2.73	.05	T		.25	.49		.35	.56	T		T	.35	.56	T						.27		T						T	.56			
WILLIAMSPORT	4.15		.40		.79	.16	1.32				.42	.03	.26	.71	.03							.03											
* * *																																	
JULY 1971																																	
CRISFIELD SOMERS COVE	4.93	.60						3.30			.68	.08							T	.16	T										.06	.05	
WILLIAMSPORT	1.91					.02					.02	.48							.27	.02						.20				.25	.67		
* * *																																	
AUGUST 1971																																	
SUITLAND	14.52	.04	3.88	T	2.97	1.60						.90							.31	.11								1.77	2.94				
WILLIAMSPORT	5.74		2.38	.12	.88	.50					.50	.39							.08			.12						.13	.64				
* * *																																	
SEPTEMBER 1971																																	
WILLIAMSPORT	5.46	.03									.01	2.37	.62	.49				.67	.08	.04	.24	.38		.02				.56	.01				
* * *																																	
OCTOBER 1971																																	
EDGEHONT	4.75	.20	.15		.13						1.03	.30												.92	.50	1.52							

See Reference Notes Following Station Index

LATE REPORTS DAILY TEMPERATURES

MARYLAND AND DELAWARE

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																																	
* * *																																	
MAY 1971																																	
LEONAROTOWN 3 NW	MAX	69	69	66	67	82	78	77	77	72	75	84	82	79	79	78	72	80	85	94	94	82	81	79	83	81	84	83	78	60	61	81	77.8
	MIN	34	42	42	39	39	56	55	52	51	44	43	59	61	49	47	52	47	44	49	59	57	39	40	40	61	57	47	52	51	52	52	46.8
DWINGS FERRY LANDING	MAX	66	70	58	66	77	78	74	68	73	77	81	77	75	77	75	64	78	81	87	83	68	68	73	77	79	77	79	70	61	59	76	73.3
	MIN	38	46	40	41	50	56	58	50	44	50	50	60	57	47	52	51	51	48	55	58	50	48	44	50	65	50	56	51	49	50	56	50.7
* * *																																	
JUNE 1971																																	
ASSATEAGUE STATE PARK	MAX	66	67	76	83	79	87	87	85	78	74	74	79	82	79	68	66	69	72	72	76	79	80	74	75	78	88	79	92	81	80	77.5	
	MIN	57	53	61	64	67	62	65	63	66	62	61	61	68	61	61	60	59	60	65	65	67	68	66	66	66	62	67	68	70	70	63.7	
PICARDY	MAX	77	75	83	89	88	89	89	87	83	77	84	77	76	82	78	61	78	79	83	87	82	81	83	90	90	91	91	94	87	92	83.4	
	MIN	51	61	59	61	56	61	58	63	59	52	51	62	60	59	58	54	57	55	55	58	63	61	62	60	61	69	64	66	70	68	59.8	
* * *																																	
JULY 1971																																	
CRISFIELD SOMERS COVE	MAX	87	87	82	79	82	82	83	89	88	86	85	79	80	85	86	83	85	86	83	81	81	82	80	83	86	86	85	85	84	85	85	83.9
	MIN	78	71	65	59	59	69	69	73	76	76	72	62	62	73	68	70	74	73	76	74	66	63	64	69	75	75	77	71	76	75	74	70.5
* * *																																	
AUGUST 1971																																	
SUITLAND	MAX	83	88	86	87	82	79	82	84	88	88	90	86	79	81	86	87	80	83	81	83	87	88	81	82	77	82	81	72	80	81	84	83.2
	MIN	70	68	71	70	65	57	61	63	62	71	72	63	53	53	59	66	63	65	68	65	69	66	64	55	53	60	66	67	62	59	63	63.5

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
MARYLAND				
MAY 1971	MONTHLY SUMMARIZED STATION & DIVISIONAL DATA	UPPER SOUTHERN 04	ANNAPOLIS USN ACADEMY	AVERAGE MINIMUM TEMPERATURE 49.9, AVERAGE 60.2, LOWEST 40 ON 15TH, DEGREE DAYS 146, NUMBER OF DAYS 32° OR BELOW ZERO
MAY 1971	DAILY TEMPERATURE	UPPER SOUTHERN 04	ANNAPOLIS USN ACADEMY	MINIMUM ON 4TH 42, AVERAGE MINIMUM 49.9

STATION INDEX

MARYLAND AND DELAWARE
DECEMBER 1971

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL	
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARTFORD	1	39 28	75 10	57	59	59			RUSS AVIATION INC.
ANNAPOLIS USN ACADEMY	0185	04	ANNE ARUNDEL	1	38 59	76 29	5	59	59			US NAVAL ACADEMY
ASSATEAGUE STATE PARK	0035	01	WORCESTER	2	38 14	75 08	7	59	59			ASSATEAGUE STATE PARK
BALTIMORE WSO	0445	04	ANNE ARUNDEL	3	39 11	76 40	148	MID	MID			NATL. WEATHER SERVICE
BALTIMORE CITY WSO	0470	06	BALTO CITY	3	39 17	76 37	14	MID	MID			NATL. WEATHER SERVICE
BELTSVILLE	0704	04	PRIN. GEORGES	3	39 02	76 53	120	BA	BA			CHESTER H. GORDON
BELTSVILLE PLANT STA. 5	0705	04	PRIN. GEORGES	5	39 01	76 57	100	BA	BA			USDA PLANT IND. STA.
BENSON POLICE BARRACKS	0730	06	HARFORD	1	39 20	76 23	345	59	59			MD. STATE POLICE
BITTINGER 2 NW	0881	06	GARRETT	7	39 37	79 15	2700	79	79			ELBERT E. BUCKEL
BLACKWATER REFUGE	0913	02	DORCHESTER	1	38 26	76 08	5	59	59			NAT. WILDLIFE REFUGE
BODENBORG	0984	07	WASHINGTON	5	39 31	77 39	735	69	69			J. HOWARD BECKENBAUGH
BOTES 2 NW	1030	06	MONTGOMERY	5	39 13	77 20	360	69	69			HUNTER F. STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	330	BA	BA			WASH. SUB. SANIT. COMM.
BROOKDALE	1179	06	MONTGOMERY	5	38 57	77 04	260	79	79			B. FRANCIS DASHIELL
CANADISE 4 W	1385	02	DORCHESTER	1	38 34	76 09	5	69	69			D. ARCY MC B. HARDING
CATOCTIN MOUNTAIN PARK	1390	06	FREDERICK	5	39 39	77 29	1610	49	49			CATOCTIN MOUNTAIN PARK
CHARTERSVILLE	1527	03	QUEEN ANNES	1	39 03	76 03	44	69	69			HAROLD G. LEBY
CHARLOTTE HALL 2 SE	1580	03	ST. MARYS	4	38 28	76 46	168	59	59			MRS. SUSAN R. CARRICO
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	40	11P	11P			T. W. ELIASON, JR.
CHESTERVILLE BRIDGEPORT	1750	07	WASHINGTON	5	39 39	77 40	560	69	69			LAWSON M. WOLFINGER
CLARKSVILLE 3 NNE	1822	06	HOWARD	4	39 15	76 56	365	59	59			UNIVERSITY OF MARYLAND
COLEMAN 3 NW	1960	05	KENT	1	39 21	76 08	78	69	69			W. B. HARRIS
COLLEGE PARK	1995	04	PRIN. GEORGES	3	38 59	76 57	90	59	59			UNIVERSITY OF MARYLAND
CONOWINGO DAM	2080	06	HARFORD	6	39 39	76 10	40	MID	MID			SUSQUEHANNA ELECTRIC CO.
CRISFIELD SHERES COVE	2215	01	SOMERSET	1	37 59	75 82	8	39	39			SHERES COVE MARINA
CUMBERLAND	2280	07	ALLEGANY	5	39 39	78 45	900	69	7A			TIMOTHY B. THOMAS
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	5	39 38	78 50	970	59	59			MD. STATE POLICE
DEPTON 1 NW	2520	02	CAROLINE	1	38 54	75 51	40	69	69			WAYNE A. COWLEY
EASTERN NECK ISLAND	2691	05	KENT	1	39 01	76 14	20	59	59			EASTERN NECK WOLF REF
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 43	76 04	40	59	59			MARYLAND STATE POLICE
EDGEWENT	2770	07	WASHINGTON	5	39 40	77 33	905	7A	7A			LEE G. HARNE
ELKTON	2860	06	CECIL	1	39 37	75 50	40	69	69			W. W. BOUCHELLE
EMMITSBURG 2 SE	2906	05	FREDERICK	5	39 41	77 18	418	59	59			MRS. LUCILLE K. BEALE
FEDERALSBURG	3040	06	CAROLINE	1	38 41	75 46	20	59	59			RADIATION TREATMENT PLANT
FORT GEORGE G. HEADE	3230	04	ANNE ARUNDEL	4	39 06	76 45	140	59	59			FILTRATION PLANT
FREDERICK WFO	3350	06	FREDERICK	5	39 25	77 28	435	69	69			SADDO STATION WFO
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385	6A	6A			MISS I. MARY STALEY
FROSTBURG	3410	07	ALLEGANY	6	39 39	78 56	2140	59	59			G. DAVID DOWTON
GLEN DALE BELL STA	3675	04	PRIN. GEORGES	4	38 58	76 48	170	49	49			H. PLANT INTRD. GARDEN
HAGERSTOWN	3775	07	WASHINGTON	5	39 39	77 44	660	69	69			HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	BA	BA			U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	03	CHARLES	5	38 32	77 00	140	59	59			C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRIN. GEORGES	4	39 06	76 54	400	59	59			WASH. SUB. SANIT. COMM.
LEONARDTOWN 3 NW	5201	08	ST. MARYS	5	38 19	76 40	110	59	59			RADIO STATION WKIK
LOCH PAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190	59	59			CITY OF BALTIMORE
MCHEERY 2 NW	5832	06	GARRETT	7	39 35	79 22	2680	BA	BA			JOSEPH F. JENNENING
MEHRILL	5894	06	GARRETT	5	39 36	79 05	1790	BA	BA			DELWOOD E. MEHRILL
MILLINGTON	5925	05	KENT	1	39 18	75 31	30	69	69			LOUIS H. HOLLETT
NEW GERMANY	6408	06	GARRETT	5	39 38	79 07	2590	59	59			ARCHIE BITTINGER
OAKLAND 1 SE	6620	06	GARRETT	7	39 24	79 24	2420	59	59			LOGAN WEBER
OWINGS PERRY LANDING	6770	03	CALVERT	4	38 41	76 40	160	59	59			JAMES E. BOURNE, JR.
PERRY POINT	6844	06	BALTIMORE	1	39 38	76 42	000	11P	11P			JOHN R. FOX
PICANDY	6980	06	CECIL	3	39 38	76 04	40	59	59			VETERANS ADMINISTRATION
POTOMAC CITY	7010	07	ALLEGANY	5	39 33	78 31	1030	69	69			POTOMAC MUND. ORCHARD
POTOMAC FILTER PLANT	7140	01	WORCESTER	1	38 04	75 53	20	59	59			ROBERT R. WESTFALL
PRESTON 1 S	7272	04	MONTGOMERY	5	39 02	77 15	270	BA	BA			WASH. SANITARY COMM.
PRINCE FREDERICK 1 N	7310	04	CAROLINE	1	38 42	75 59	50	69	69			FRANKLIN D. NUSSBAUM
PRINCESS ANNE	7325	03	CALVERT	1	38 33	76 38	138	59	59			STANLEY L. WATSON
ROCKVILLE 4 NE	7705	06	MONTGOMERY	5	39 07	77 08	320	59	59			MARYLAND ST. COLLEGE FRM
												WILLIAM R. NOPPER
ROYAL OAK	7804	02	TALBOT	1	38 43	76 11	10	69	69			H. J. L. SWAINE, JR.
SALISBURY	8000	01	WICOMICO	1	38 22	75 33	10	59	59			CITY OF SALISBURY
SALISBURY FAA AIRPORT	8005	01	WICOMICO	1	38 20	75 30	10	MID	MID			FED. AVIATION AGENCY
SAVAGE RIVER DAM	8005	08	GARRETT	5	39 31	79 08	1495	BA	BA			U. S. CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT	7	39 52	79 23	2040	BA	BA			PA. ELECTRIC CO.
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	69	69			CURTIS E. SHOCKLEY
SOLDONAS	8405	03	CALVERT	1	38 19	76 27	12	69	69			CHESAPEAKE BIDL. LAB.
SUITLAND	8656	04	PRIN. GEORGES	5	38 51	76 56	270	9A	9A			EUGENE M. BROWN
TOWSON	8877	06	BALTIMORE	3	39 23	76 24	390	69	69			RENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	69	69			C. P. VON EIFF, JR.
UPPER MARLBOROUGH 3 NW	9070	04	PRIN. GEORGES	4	38 52	76 47	98	BA	BA			TOBACCO EXP. FARM
VIENNA	9140	02	DORCHESTER	1	38 20	75 50	12	69	69			DELMARVA POWER & LIGHT
WALDOORF POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	59	59			MD. STATE POLICE
WESTERPORT UPAC	9405	07	ALLEGANY	5	39 29	79 03	950	69	69			UPPER POTOMAC RIVER CON
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	810	69	7A			L. EUGENE PURDOM
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	59	59			PARK & PLANNING COMM.
WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360	7A	7A			HAGERSTOWN-WTR. PLANT
WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	415	69	69			WOODSTOCK COLLEGE
DISTRICT OF COLUMBIA												
DALECARLIA RESV D C	2325	04			38 56	77 07	144	59	59			CORPS OF ENGINEERS
NATIONAL ARBRETUM D C	6350	04			38 54	76 58	50	49	49			U.S. NAT. ARBRETUM
U. S. SOLDIERS HOME DC	9035	04			38 55	77 01	230	MID	MID			U.S. SOLDIERS HOME
DELAWARE												
BRIDGEVILLE 1 NW	1390	02	SUSSEX	1	38 45	75 37	50	59	59			H. WILLIAM RAY
DOVER	2730	02	KENT	2	39 09	75 31	30	59	59			STATE HIGHWAY DEPT.
GEORGETOWN 5 SW	3370	02	SUSSEX	1	38 38	75 27	45	BA	BA			INT. ADRI. EXP. STA.
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	69	MID			FREDERICK D. VOGL
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	49	49			PIONEER HIBREX CORN CO.
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	59	59			MES BERNARD FRANKEL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	69	69			UNIV. OF DELAWARE
SELBYVILLE	8269	02	SUSSEX	2	38 28	75 13	32	59	59			L. WIRRIE LONG
WILMINGTON NCATTLE WSO	9595	01	NEW CASTLE	2	39 40	75 36	74	MID	MID			NATL. WEATHER SERVICE
WILMINGTON PORTER RESV	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID			WATER DEPARTMENT

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

REFERENCE NOTES

MARYLAND AND DELAWARE
DECEMBER 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.

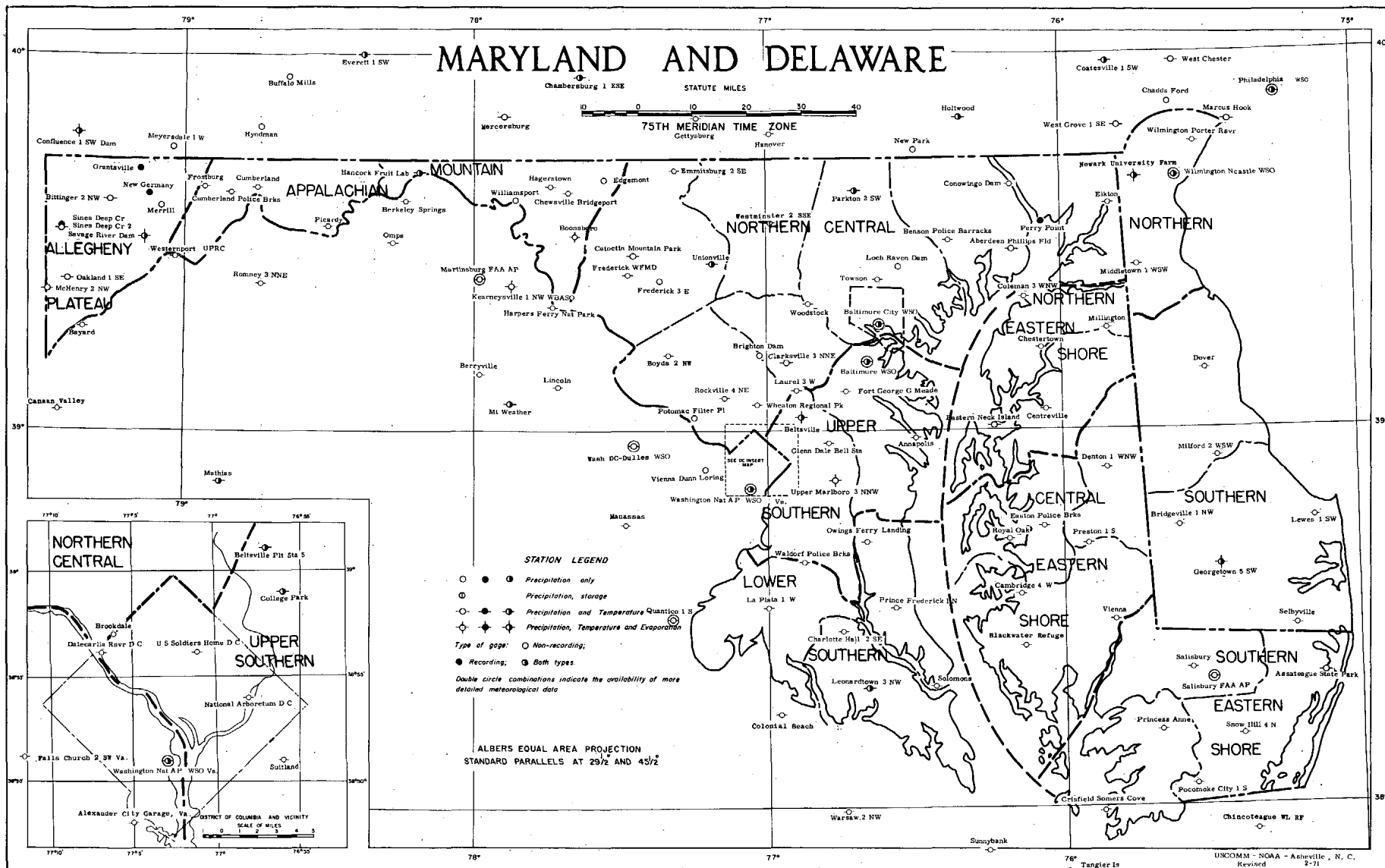
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue 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

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