A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

CLIMATOLOGICAL DATA

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

MARYLAND AND DELAWARE
OCTOBER 1970
Volume 74 No. 10

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
MARYLAND																							
* * *																							
SOUTHERN EASTERN SHORE 01																							
ASSATEAGUE STATE PARK	71.5	55.0	63.3		89	7+	31	17	126	0	0	2	0	2.10		1.67	22	.0	0		3	1	1
CRISFIELD SOMERS COVE	69.9	55.5	62.7	.5	78	15+	42	17	109	0	0	0	0	1.28	- 2.09	.62	22	.0	0		4	1	0
POCOMOKE CITY 1 S																							
PRINCESS ANNE	72.6	49.7	61.2		85	15+	32	19	161	0	0	1	0	2.66		1.81	22	.0	0		3	2	1
SALISBURY	72.2	51.7	62.0		83	14	37	17	136	0	0	0	0	2.79	- .71	1.90	22	.0	0		3	2	1
SALISBURY FAA AIRPORT	70.2	50.5	60.4		82	3	35	19	176	0	0	0	0	5.02		1.90	22	.0	0		4	4	2
SNOW HILL 4 N	70.6	50.3	60.5	1.7	83	14+	33	19	166	0	0	0	0	1.99	- 1.92	1.10	22	.0	0		5	1	1
DIVISION			61.7	2.1										2.64	- .89			.0					
* * *																							
CENTRAL EASTERN SHORE 02																							
BLACKWATER REFUGE	72.9	51.7	62.3		82	15+	36	19	129	0	0	0	0	1.86		1.15	16	.0	0		3	1	1
CAMBRIDGE 4 W	72.1	51.8	62.0		85	10+	37	5	137	0	0	0	0	2.21		.74	22	.0	0		4	2	0
DENTON 1 WNW	71.7	50.8M	61.3M		85	3	36	29+	140	0	0	0	0	1.33		.51	21	.0	0		4	1	0
EASTON POLICE BARRACKS	72.8	51.5	62.2	3.9	85	14+	38	5	135	0	0	0	0	2.58	- .60	1.43	22	.0	0		4	1	1
PRESTON 1 S	72.0	50.8	61.4		85	14+	37	19+	152	0	0	0	0	1.66		.58	15	.0	0		5	1	0
ROYAL OAK	72.8	52.9	62.9		85	10	40	19+	118	0	0	0	0	1.76		.89	22	.0	0		4	1	0
VIENNA	72.4	53.5	63.0		83	10	40	17	124	0	0	0	0	1.25		.50	22	.0	0		5	1	0
DIVISION			62.2	3.4										1.81	- 1.42			.0					
* * *																							
LOWER SOUTHERN 03																							
CHARLOTTE HALL 2 SE	72.6	50.6	61.6		85	6+	36	19+	142	0	0	0	0	1.94		.71	22	.0	0		6	1	0
LA PLATA 1 W	72.3	50.2	61.3		87	3	34	19	159	0	0	0	0	2.49		.82	21	.0	0		6	1	0
LEONARDTOWN 3 NW	74.8	49.6	62.2		88	14+	34	19+	147	0	0	0	0	2.67		1.15	16	.0	0		5	2	1
OWINGS FERRY LANDING	71.6	50.7	61.2	2.6	86	3	34	18	159	0	0	0	0	2.36	- .93	.98	21	.0	0		5	2	0
PRINCE FREDERICK 1 N	70.6	50.9	60.8		84	3	35	19+	166	0	0	0	0	1.79		.49	22	.0	0		6	0	0
SOLOMONS	69.5	57.1	63.3	2.1	83	4+	40	17	104	0	0	0	0	1.84	- 1.27	.68	22	.0	0		4	1	0
WALDORF POLICE BRKS	72.7	50.7	61.7		86	4+	35	19	150	0	0	0	0	1.88		.41	22	.0	0		7	0	0
DIVISION			61.7	2.9										2.14	- 1.23			.0					
* * *																							
UPPER SOUTHERN 04																							
ANNAPOLIS	70.0	55.1	62.6	3.4	86	3	43	5	110	0	0	0	0	2.46	- .17	.80	22	.0	0		7	1	0
BALTIMORE WSO R	70.7	52.2	61.5	4.5	87	3	36	17	149	0	0	0	0	3.04	- .14	1.24	21	.0	0		7	3	1
BELTSVILLE	69.3	47.7	58.5		82	4	34	18+	215	0	0	0	0	3.19		1.48	22	.0	0		5	2	1
BELTSVILLE PLANT STA 5	69.1	48.9	59.0		84	4	34	19	204	0	0	0	0	3.13		1.45	22	.0	0		5	2	2
COLLEGE PARK	72.0	50.9	61.5	3.9	85	3	34	17	153	0	0	0	0	3.16	.00	1.49	22	.0	0		3	2	2
DALECARLIA RESVR D C	71.2	50.7	61.0		83	3	35	17	162	0	0	0	0	3.91		1.20	16	.0	0		8	2	1
FORT GEORGE G MEADE	71.4	46.6	59.0		83	3	28	17	206	0	0	3	0	3.15		.96	21	.0	0		8	2	0
GLENN DALE BELL STA	71.7	48.8	60.3	3.5	84	3	31	17	179	0	0	1	0	2.59	- .77	.77	22	.0	0		6	2	0
LAUREL 3 W	70.8	52.6	61.7		82	3	35	17	139	0	0	0	0	3.69		1.50	22	.0	0		4	3	2
NATIONAL ARBORETUM D C	72.1	51.7	61.9		85	3	38	17	139	0	0	0	0	2.65		1.15	21	.0	0		6	2	1
SUITLAND	69.0	51.0	60.0		84	4	37	18+	183	0	0	0	0	3.09		1.80	22	.0	0		4	2	1
U. S. SOLDIERS HOME DC	69.6	53.3	61.5		85	3	36	17	158	0	0	0	0	2.84		1.41	21	.0	0		6	1	1
UPPER MARLBORO 3 NNW	70.0	48.7	59.4		85	4	34	19	197	0	0	0	0	2.20		1.07	22	.0	0		3	2	1
DIVISION			60.6	2.9										3.01	- .13			.0					
* * *																							
NORTHERN EASTERN SHORE 05																							
CENTREVILLE	72.4	48.9	60.7		84	3	36	17+	160	0	0	0	0	1.54		.51	16	.0	0		4	1	0
CHESTERTOWN	70.4	51.1	60.8		82	14+	37	17	169	0	0	0	0	2.27		.80	21	.0	0		5	2	0
COLEMAN 3 WNW	70.8	52.0	61.4	2.1	85	3	36	17	150	0	0	0	0	2.88	- .20	1.66	21	.0	0		7	1	1
EASTERN NECK ISLAND	70.7	54.4	62.6		80	14+	37	17	111	0	0	0	0	2.65		1.23	22	.0	0		5	1	1
MILLINGTON	71.7	47.7	59.7	1.9	85	3	33	19+	189	0	0	0	0	1.85	- 1.13	.95	21	.0	0		4	1	0
DIVISION			61.0	2.4										2.24	- .76			.0					
* * *																							
NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FLD	68.8M	51.3M	60.1M						164	0	0	0	0	2.82		1.06	22	.0	0		5	3	1
BALTIMORE CITY WSO R	69.9	56.0	63.0	3.0	85	3	40	17	126	0	0	0	0	2.43	- .82	1.17	21				5	1	1
BENSON POLICE BARRACKS	71.5	48.9	60.2		83	3	34	18+	183	0	0	0	0	2.97		1.41	22	.0	0		8	2	1
BOYDS 2 NW	68.7	50.6	59.7		81	3	33	17	187	0	0	0	0	2.77		.80	21	.0	0		7	2	0
CATOCTIN MOUNTAIN PARK	63.2	47.5	55.4		75	14+	30	17	293	0	0	1	0	5.82		1.73	22	.0	0		5	5	3
CLARKSVILLE 3 NNE	69.9	47.3	58.6		82	7+	31	17+	210	0	0	3	0	3.13		.78	21	.0	0		7	2	0
CONOWINGO DAM	68.1	49.9	59.0		81	3	37	5	201	0	0	0	0	3.40		1.22	22	.0	0		6	2	2
ELKTON	69.5	47.3	58.4	1.9	82	3	33	17+	217	0	0	0	0	1.92	- 1.31	.70	28	.0	0		4	2	0
EMMITSBURG 2 SE	69.3	44.5	56.9		83	7	29	5	252	0	0	2	0	4.67		1.15	21	.0	0		5	5	1
FREDERICK WFMD	68.9M	48.2M	58.6M	3.0	82	7	32	17	213	0	0	1	0	3.73	.60	1.10	21	T	0		5	4	1
PARKTON 2 SW	66.5	48.1	57.3		81	7	32	17	246	0	0	1	0	3.04		1.36	21	.0	0		6	2	1
ROCKVILLE 4 NE	69.8	45.2	57.5		82	7	30	19	228	0	0	2	0	3.59		1.41	22	.0	0		6	3	1

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 117

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
OCTOBER 1970

Station	Temperature									No. of Days				Precipitation							No. of Days		
										Max.		Min.						Snow, Sleet					
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
TOWSON	69.9	52.5	61.2		83	9+	35	17	160	0	0	0	0	3.45	- .04	1.30	21	.0	0		8	2	1
UNIONVILLE	67.4	47.1	57.3		81	7+	29	17	240	0	0	2	0	2.92		1.10	21	.0	0		6	2	1
WESTMINSTER 2 SSE	66.5	48.8	57.7	2.0	81	7	32	17	239	0	0	1	0	2.86	- .60	1.39	22	.0	0		4	2	1
WHEATON REGIONAL PARK	67.9	48.8	58.4		78	4+	35	29+	213	0	0	0	0	3.05		1.00	21	.0	0		7	1	1
WOODSTOCK																							
DIVISION			58.7	2.4										3.29	- .03			T					
* * *																							
APPALACHIAN MOUNTAIN 07																							
BOONSBORO	67.4M	50.0M	58.7M		81	7	33	17	215	0	0	0	0	3.39		1.00	21	.0	0		5	4	1
CHEWSVILLE BRIDGEPORT	68.5	47.5	58.0	3.2	82	7	32	19+	232	0	0	2	0	3.71	.69	1.00	21	.0	0		5	5	1
CUMBERLAND	68.6	44.7	56.7		84	7	32	18	268	0	0	1	0	4.49		1.68	22	.0	0		6	3	2
CUMBERLAND POLICE BRKS	68.6	46.5	57.6		80	7	30	19	249	0	0	2	0	5.80		1.82	30	.0	0		9	5	2
FROSTBURG	62.2	46.6	54.4	1.0	79	7+	30	17	336	0	0	1	0	4.67	1.34	1.57	30	T	0		8	3	2
HAGERSTOWN	68.4	49.8	59.1		81	14+	33	17	204	0	0	0	0	3.45		.97	21	.0	0		5	4	0
HANCOCK FRUIT LAB	66.1	45.5	55.8		79	15	31	19+	287	0	0	3	0	3.21	- .07	1.30	22	.0	0		5	3	1
PICARDY	66.9	47.4	57.2		82	14	27	17	254	0	0	1	0	4.07		1.30	30	.0	0		8	2	2
WESTERNPORT UPRC	67.9	47.6	57.8		82	14+	32	19	236	0	0	1	0	4.50		1.36	30	.0	0		8	4	2
DIVISION			57.3	2.2										4.14	1.07			T					
* * *																							
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	58.3	43.8	51.1		73	13+	27	17	425	0	0	3	0	3.00		.82	21	T	T	16	6	3	0
OAKLAND 1 SE	62.3	42.9	52.6	2.0	78	7	25	19	378	0	0	3	0	2.99	- .13	.84	30	.0	0		7	3	0
SAVAGE RIVER DAM	63.9	44.0	54.0		79	15+	31	2	340	0	0	3	0	4.03		1.11	22	.0	0		7	3	1
SINES DEEP CREEK 2																							
DIVISION			52.6	2.6										3.34	.22			T					
DELAWARE																							
* * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	70.8	49.9	60.4		85	3	34	17	170	0	0	0	0	1.69		.95	22	.0	0		4	1	0
NEWARK UNIVERSITY FARM	70.0	48.2	59.1		84	3	33	17	198	0	0	0	0	2.13		1.33	22	.0	0		4	1	1
WILMGTON NCASTLE WSO	69.3	51.4	60.4	3.8	85	3	36	17	175	0	0	0	0	2.64	- .27	1.63	22	.0	0		2	2	1
WILMGTON PORTER RESVR	66.9	48.6	57.8		81	3	33	17	232	0	0	0	0	5.08	1.98	2.66	22	.0	0		4	3	2
DIVISION			59.4	2.2										2.89	- .25			.0					
* * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	71.0	50.2	60.6	2.6	85	14	36	17	173	0	0	0	0	4.67	1.48	2.14	16	.0	0		5	3	2
DOVER	69.7	50.1	59.9	1.2	84	3	33	17	177	0	0	0	0	3.05	- .22	2.17	22	.0	0		4	1	1
GEORGETOWN 5 SW	70.0	48.6	59.3		83	15+	33	19	198	0	0	0	0	4.39		2.00	23	.0	0		4	2	2
LEWES 1 SW	68.4	52.4	60.4		84	3	37	18+	167	0	0	0	0	2.97		1.20	22	.0	0		5	3	1
MILFORD 2 WSW	70.9	50.2	60.6		85	3	36	17+	171	0	0	0	0	3.79		2.69	22	.0	0		6	1	1
SELBYVILLE																							
DIVISION			60.2	1.8										3.77	.37			.0					

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 89° ON THE 7+ AT ASSATEAGUE STATE PARK, MARYLAND

LOWEST TEMPERATURE: 25° ON THE 19TH AT OAKLAND 1 SE, MARYLAND

GREATEST TOTAL PRECIPITATION: 5.82 INCHES AT CATOCTIN MOUNTAIN PARK, MARYLAND

LEAST TOTAL PRECIPITATION: 1.25 INCHES AT VIENNA, MARYLAND

GREATEST ONE-DAY PRECIPITATION: 2.69 INCHES ON THE 22D AT MILFORD 2 WSW, DELAWARE

GREATEST REPORTED TOTAL SNOWFALL: TRACE AT 3 STATIONS

GREATEST REPORTED DEPTH OF SNOW ON GROUND: TRACE ON THE 16TH AT BITTINGER 2 NW, MD.

See Reference Notes Following Station Index

MARYLAND AND DELAWARE - OCTOBER 1970

SPECIAL WEATHER SUMMARY

The warm, dry weather which prevailed during September continued on into October. Monthly temperatures averaged mostly between 1° and 5° above normal. For many stations it was the warmest October since 1949. There were two long periods with above normal temperatures which extended from the 6th through the 15th and from the 21st through the 26th. Nighttime temperatures were unusually warm as indicated by the average minimum temperatures for the month; cloudy skies, especially during the latter half of the month, had greatly reduced radiational cooling during the night hours.

No significant rain was reported until the 15th. However, the rainfall during the second half of the month approached the normal total for many stations and actually exceeded the normal in the northern portion of both states and in southwest Delaware. Least rainfall, less than 2 inches, was found in parts of Eastern Shore and Southern Maryland.

October was much cloudier than normal. This is indicated by the following statistics for the area's first-order National Weather Service Stations (with average sky cover in tenths and the average over a period of years in parentheses for comparison): Baltimore, sky cover 7.3(4.8), cloudy days 17 (10); Wilmington, sky cover 7.4(5.2), cloudy days 19 (11), and Washington, D. C., 7.3(5.0), cloudy days 20(11).

No storms were reported in the October issue of STORM DATA.

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DAILY PRECIPITATION

MARYLAND AND DELAWARE
OCTOBER 1970

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	2.10				.13												.20						1.67	.01			.09					
CRISFIELD SOMERS COVE	1.28				.17												.25					.06	.62								.15	.03
POCOMOKE CITY 1 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCESS ANNE	2.66				.15												.51					.07	1.81				.08	.04				
SALISBURY	2.79				.15	.01											.58					.08	1.90				T	.07			T	
SALISBURY FAA AIRPORT	5.02			.09											T	1.20	.85					.87	1.90			T	.07	.04	T		T	
SNOW HILL 4 N	1.99				.23												.20					.16	1.10	T		.04	.08	.18			T	
* * * CENTRAL EASTERN SHORE 02																																
BLACKWATER REFUGE	1.86				.02											.03	1.15					.26	.40								T	
CAMBRIDGE 4 W	2.21															.29	.68					.38	.74	.05			T				.07	
DENTON 1 WNW	1.33				.08											.20	.20					.51	.18	.09			.07					
EASTON POLICE BARRACKS	2.58															.25	.49					.25	1.43	.06				.03			.05	.02
PRESTON 1 S	1.66															.58	.22					.27	.43	.14			T				.02	
ROYAL OAK	1.76															.16	.19					.40	.89	.02			.02				.08	
VIENNA	1.25															.13	.21					.30	.50	.11			T	T			T	
* * * LOWER SOUTHERN 03																																
CHARLOTTE HALL 2 SE	1.94															.11	.36					.47	.71					.03			.11	.15
LA PLATA 1 W	2.49										.04	.04			T	.38	.35					.82	.35	.02						T	.29	.20
LEONARDTOWN 3 NW	2.67															.17	1.15					.47	.60	.14				.02	.03		.09	
OWINGS FERRY LANDING	2.36															.32	.21					.98	.30	T							.35	T
PRINCE FREDERICK 1 N	1.79															.20	.39					.46	.49	.03				T			.12	.10
SOLOMONS	1.84															.35	.47					.30	.68	T							T	.04
WALDORF POLICE BRKS	1.88											.10				.40	.26					.29	.41	.07							.15	.20
* * * UPPER SOUTHERN 04																																
ANNAPOLIS	2.46															.21	.38					.46	.80	T	T			.10	.11		.40	
BALTIMORE WSO R	3.04			.10							.02			T	T	.68	.08					1.24	.17	T		.18	.01			T	.50	.11
BELTSVILLE	3.19				.05												.92					.01	1.48	.04			.16				.10	.43
BELTSVILLE PLANT STA 5	3.13				.07											T	1.00					T	1.45				.15				.11	.35
COLLEGE PARK	3.16			.06													1.05						1.49			.08						.48
DALECARLIA RESVR D C	3.91			.01	.05						T	.16				.31	1.20					.86	.47	.02				.14			.35	.34
FORT GEORGE G MEADE	3.15			T	.10							.01			T	.26	.67					.96	.36	.03			.14				.30	.32
GLENN DALE BELL STA	2.59				.01											.14	.31					.76	.77	.04			.07				.22	.27
LAUREL 3 W	3.69				.06												1.31					.04	1.30	.04			.09				.10	.55
NATIONAL ARBORETUM D C	2.65															.29	.22					1.15	.31	T							.26	.22
SUITLAND	3.09																.80	.01				.03	1.80	.03	T	T	T				.10	.32
U. S. SOLDIERS HOME DC	2.84			.03							T					.37	.12					1.41	.29	.01		.01	.04			T	.37	.19
UPPER MARLBORO 3 NNW	2.20				T												.55	T				T	1.07		.05						.08	.45
* * * NORTHERN EASTERN SHORE 05																																
CENTREVILLE	1.54															.11	.51					.46	.25	.07		T	.09				.05	
CHESTERTOWN	2.27			.01							.01					.14	.49					.80	.58	.08		.11					.05	
COLEMAN 3 WNW	2.88															.10	.42					1.66	.13	.29			.10				.18	T
EASTERN NECK ISLAND	2.65															.09	.31					.49	1.23	.36							.17	
MILLINGTON	1.85															.05	.08					.95	.45	.17			.11					.04
* * * NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	2.82				.04										T	.06	.04					.70	1.06	.52			.17				.23	T
BALTIMORE CITY WSO R	2.43			.05							.02					.16	.08					1.17	.29			.10	.01				.46	.09
BENSON POLICE BARRACKS	2.97				.10											.10	.22					.63	1.41	.16			.01				.23	.11
BOYDS 2 NW	2.77											.15				.29	.26					.80	.45								.50	.38
BRIGHTON DAM	2.57				.04							.03				T	.66					.01	1.24	.03							.12	.44
BROOKDALE	3.91			.11							.55					.38	.91					1.28	.04				.11			T	.32	.21
CATOCTIN MOUNTAIN PARK	5.82			.05								.02				1.08						1.23	1.73			.06					.97	.68
CLARKSVILLE 3 NNE	3.13			.13								.03				.29	.35					.78	.74	.04				.03			.37	.37
CONOWINGO DAM	3.40			.09												.20	.14		T			1.16	1.22	.40	T	.04	T				.15	T
ELKTON	1.92			.10												.07						.68	.37						.70		T	T
EMMITSBURG 2 SE	4.67			T								.04				.95						1.15	.97	.01							.90	.65
FREDERICK WFMD	3.73										.03	.03				.30	.02					1.10	.61								.92	.72
FREDERICK 3 E	2.89											.09				.14						.08	1.60								.30	.70
LOCH RAVEN DAM	3.36											.15				.08	.30					1.35	.85	T			.18				.25	.20
PARKTON 2 SW	3.04			.10							T				T	.40	.06					1.38	.27	.02			.07				.58	.18
POTOMAC FILTER PLANT	2.71																1.15					.03	1.01				.04				.16	.32
ROCKVILLE 4 NE	3.59															.70	.36					.80	1.41				.02				.30	.20
TOWSON	3.45			.17	T							.07				.20	.15					1.30	.77	.03			.16				.35	.25
UNIONVILLE	2.92											.34				.41	.09					1.10	.16								.50	.32
WESTMINSTER 2 SSE	2.86				T							.09				.10	.35					.02	1.39	.03	.02		.03				.09	.74
WHEATON REGIONAL PARK	3.05				.01							.34				.24	.46					1.00	.45	.02			.06	T			.24	.23
WOODSTOCK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * APPALACHIAN MOUNTAIN 07																																
BOONSBORO	3.39			T												.74						1.00	.48								.57	.60
CHEWSVILLE BRIDGEPORT	3.71															.52						1.00	.79		.01					.72		.67
CUMBERLAND	4.49			.05								.10	.20			.05	.03	T				.20	1.68					T			.83	1.25
CUMBERLAND POLICE BRKS	5.80			.03							T	.28	.57			.14		.03				.75	1.13				.10			.10	1.82	.85
EDGEMONT	3.70															.80	.20					.02	1.80				.02				.34	.72
FROSTBURG	4.67			.12						T	.02	.24	.21			.20	.01	T	T		T	1.40	T	T			T	T		.16	1.57	.74
HAGERSTOWN	3.45										T					.38						.97	.61								.81	.68
HANCOCK FRUIT LAB	3.21												.11			.03						.27	1.30					T		T	.70	.80
PICAROY	4.07										T	.44	.15			.16						1.23	.17							.14	1.30	.46
WESTERNPORT UPRC	4.50											.32	.12	T		.16	T					1.20	.50	T			T			.12	1.36	.72
WILLIAMSPORT	3.63												.01			.33					.07	1.57	.01							.46	1.06	.12
* * * ALLEGHENY PLATEAU 08																																
BITTINGER 2 NW	3.00										.05	.52				.13	.05					.82	.08								.30	.80	.25
MERRILL	3.97			.13								.16	.47			.20		.03				.15	1.29									.79	.75
OAKLAND 1 SE	2.99			.10								.74	.02			.19	.01					.73	.02	T							.18	.84	.14
SAVAGE RIVER DAM	4.03			.04								.44	.49			.13						.15	1.11	T			T	T	T			.97	.70
SINES DEEP CREEK 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	Day of Month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DELAWARE																																
* * * NORTHERN 01																																
MIDDLETOWN 1 WSW	1.69															.05	.05					.36	.95	.14			.14				T	
NEWARK UNIVERSITY FARM	2.13				.16											.02						.39	1.33	.18			.05					
WILMGTON NCASTLE WSO	2.64			T			T								T	T	T					.92	1.63	.03		.06	T				
WILMGTON-PORTER RESVR	5.08			.09												.13						1.55	2.66	.58		.07					
* * * SOUTHERN 02																																
BRIDGEVILLE 1 NW	4.67				.27											.22	2.14					.59	1.27	.04			.08	.06			T	
DOVER	3.05				.30											.04	.20					.17	2.17	.08		.02	.07					
GEORGETOWN 5 SW	4.39				.23												.29	.04				.07	1.67	2.00				.09				
LEWES 1 SW	2.97			.18												.59	.18					.71	1.20	.04		.01	.02	.02	.02			
MILFORD 2 WSW	3.79	T			.27											.10	.35					.15	2.69	.03		.02	.17		.01		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 01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
BALTIMORE WB AIRPORT MD	11	0.9	7.5	30	SW	03	74	78	54	63	4	3	4	2	1	0	14	44	7.3
WILMINGTON NCASTLE WB DEL	8	1.8	8.3	27++	32	16	81	82	57	73	6	2	0	1	1	0	10	-	7.4

See Reference Notes Following Station Index

DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER 1970

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	67	71	78	74	86	89	89	83	73	83	73	84	75	75	76	71	56	67	68	69	67	68	74	68	64	64	60	61	59	61	62	71.5
	MIN	51	49	65	51	46	56	59	59	65	67	61	65	64	66	67	51	31	32	45	49	44	52	64	58	59	55	56	53	56	54	56	55.0
CRISFIELD SOMERS COVE	MAX	69	71	77	77	69	71	74	74	77	78	78	76	75	78	78	76	58	63	67	67	67	70	70	66	68	67	59	61	62	62	63	69.9
	MIN	54	51	51	54	45	55	59	58	59	64	62	63	63	66	67	53	42	52	50	51	51	62	63	56	56	57	52	48	49	51	56	55.5
POCOMOKE CITY 1 S	MAX																																
	MIN																																
PRINCESS ANNE	MAX	73	75	83	77	71	78	81	79	80	83	81	81	82	85	85	75	60	65	72	68	69	72	69	71	70	65	56	60	61	62	63	72.6
	MIN	42	38	62	45	33	40	45	47	52	61	60	57	56	57	60	51	38	35	32	41	56	62	63	51	53	55	50	47	41	55	55	49.7
SALISBURY	MAX	73	74	82	80	72	78	80	79	79	81	80	81	81	83	82	75	58	66	71	67	68	71	70	70	71	66	57	59	60	62	62	72.2
	MIN	48	42	60	48	39	45	49	51	54	62	62	59	60	62	63	51	37	41	38	44	57	61	63	52	55	55	49	47	41	54	55	51.7
SALISBURY FAA AIRPORT	MAX	72	73	82	65	71	76	78	76	78	80	79	77	77	81	81	67	52	65	70	66	69	70	71	71	69	61	56	58	60	62	63	70.2
	MIN	44	40	58	41	36	43	48	51	53	60	60	59	60	60	61	43	38	39	35	44	58	63	61	52	55	55	50	42	43	56	57	50.5
SNOW HILL 4 N	MAX	71	73	83	74	71	75	78	75	78	79	77	77	78	83	82	73	53	66	70	66	68	69	70	71	69	62	57	60	58	62	62	70.6
	MIN	45	39	62	45	34	41	46	48	51	57	59	58	56	57	59	51	36	40	33	41	59	62	64	52	52	57	50	48	46	54	56	50.3
* * *																																	
CENTRAL EASTERN SHORE 02																																	
BLACKWATER REFUGE	MAX	72	73	82	77	72	77	78	79	80	82	82	79	80	81	82	71	60	66	71	71	66	73	73	76	78	72	58	61	63	62	64	72.9
	MIN	43	42	65	54	38	44	50	50	54	58	63	62	58	57	62	52	40	42	36	48	53	62	64	50	52	54	50	47	41	55	56	51.7
CAMBRIDGE 4 W	MAX	71	75	85	72	72	80	81	80	81	85	81	78	81	84	76	68	56	65	70	67	66	74	68	69	72	66	59	61	64	63	64	72.1
	MIN	44	42	64	55	37	43	48	50	53	57	63	58	57	64	67	53	39	47	38	46	54	62	63	52	49	55	50	45	43	54	55	51.8
DENTON 1 WNW	MAX	72	76	85	68	72	80	82	79	80	83	80	80	80	81	79	68	54	66	70	72	66	71	72	70	72	62	56	59	62	62	63	71.7
	MIN	43		58			43	48	48	51	55	60	53	57	61	63	50			36		50	58	61	49	52	51	47	42	36	46	52	50.8
EASTON POLICE BARRACKS	MAX	72	73	85	83	72	80	81	80	81	84	83	81	81	85	81	69	55	66	72	67	65	73	72	77	71	65	58	60	62	61	63	72.8
	MIN	44	44	62	49	38	47	53	50	53	60	65	57	56	57	56	51	41	45	39	49	54	61	63	51	54	55	49	45	42	53	53	51.5
PRESTON 1 S	MAX	72	74	85	70	73	78	81	79	81	85	83	81	82	85	78	68	55	66	71	67	65	72	71	72	71	64	57	60	62	62	63	72.0
	MIN	45	39	55	51	37	43	49	50	53	57	64	55	58	62	63	50	38	42	37	47	55	61	63	52	54	55	49	45	39	53	55	50.8
ROYAL OAK	MAX	72	75	84	79	73	80	81	77	83	85	82	77	81	84	77	69	55	66	71	68	64	73	71	70	74	67	63	65	67	62	63	72.8
	MIN	48	46	64	54	41	50	55	53	55	58	64	57	58	63	67	52	40	49	40	47	53	60	62	52	52	55	50	45	42	53	54	52.9
VIENNA	MAX	73	74	82	77	73	78	80	80	80	83	82	80	82	82	81	70	60	68	72	68	68	72	73	72	72	63	58	60	62	63	65	72.4
	MIN	48	45	64	52	41	49	55	58	56	61	64	62	62	65	66	53	40	42	42	48	56	62	56	52	54	52	49	47	46	54	57	53.5
* * *																																	
LOWER SOUTHERN 03																																	
CHARLOTTE HALL 2 SE	MAX	69	75	85	81	75	85	81	81	81	79	79	78	79	83	80	74	68	66	69	64	64	71	71	71	71	66	61	60	60	60	63	72.6
	MIN	44	43	61	45	36	43	50	50	54	57	65	59	56	63	57	55	37	36	36	42	55	62	61	50	50	50	49	48	48	53	54	50.6
LA PLATA 1 W	MAX	72	76	87	80	75	82	84	81	81	85	80	79	80	84	76	68	57	69	73	64	63	70	68	71	73	64	60	57	61	59	62	72.3
	MIN	42	42	61	44	35	43	49	50	54	58	64	60	57	60	65	49	35	36	34	43	55	61	59	48	48	54	50	47	49	52	53	50.2
LEONARDTOWN 3 NW	MAX	73	77	88	85	77	82	84	85	85	86	84	83	84	88	81	81	57	69	72	69	65	74	73	73	69	69	58	58	62	62	66	74.8
	MIN	45	41	62	48	34	41	49	48	51	58	64	59	51	58	65	51	36	42	34	41	54	62	61	51	49	47	50	49	46	46	46	49.6
OWINGS FERRY LANDING	MAX	71	75	86	78	74	81	82	77	78	82	80	80	81	84	77	67	56	67	68	64	65	72	69	72	71	65	59	57	60	60	62	71.6
	MIN	44	44	53	58	39	47	51	50	53	58	60	64	58	61	65	49	42	34	37	45	53	59	59	49	50	53	49	46	45	44	52	50.7
PRINCE FREDERICK 1 N	MAX	69	73	84	81	72	78	74	79	76	79	78	76	77	82	78	70	54	66	68	65	65	72	70	69	70	64	59	57	60	60	63	70.6
	MIN	42	43	63	47	35	43	49	56	49	60	64	61	55	61	65	50	36	40	35	44	56	61	60	50	48	55	50	47	46	53	54	50.9
SOLOMONS	MAX	69	72	83	83	69	77	78	75	75	75	75	73	75	77	76	70	56	63	68	64	64	69	68	67	67	67	59	58	60	61	62	69.5
	MIN	53	56	67	55	50	53	58	60	63	67	67	66	62	66	67	52	40	47	49	56	57	62	61	58	57	58	52	49	49	56	57	57.1
WALDORF POLICE BRKS	MAX	72	75	86	86	76	81	82	82	79	82	80	80	80	84	84	73	56	68	71	66	63	70	69	71	70	67	62	57	60	59	62	72.7
	MIN	40	43	59	48	36	42	52	49	55	57	63	61	56	59	66	51	37	36	35	45	54	62	60	49	50	55	50	47	49	52	54	50.7
* * *																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS	MAX	71	78	86	77	71	74	75	75	76	76	78	73	71	74	68	69	61	68	67	64	65	70	70	69	69	65	62	64	63	60	62	70.0
	MIN	53	58	62	51	43	53	55	57	62	62	66	64	62	63	60	48	44	48	44	54	57	62	62	53	55	54	50	55	50	46	56	55.1
BALTIMORE WSO	MAX	72	77	87	67	74	81	83	79	79	81	81	75	80	83	70	63	56	68	69	63	63	72	70	70	71	64	57	58	60	57	61	70.7
	MIN	47	45	52	45	42	46	47	53	59	60	63	60	60	64	63	44	36	44	43	50	57	62	62	52	54	56	51	46	47	54	55	52.2
BELTSVILLE	MAX	69	70	74	82	65	72	79	81	77	77	79	73	76	79	81	70	59	55	67	71	64	63	70	67	69	69	63	55	56	60	57	69.3
	MIN	40	40	43	45	35	39	41	46	50	56	64	59	54	58	64	50	34	34	35	37	49	56	60	48	46	53	51	45	45	48	53	47.7
BELTSVILLE PLANT STA 5	MAX	68	70	73	84	64	72	79	81	77	78	80	78	77	78	80	70	57	53	66	70	61	63	70	67	68	68	63	55	56	60	56	69.1
	MIN	40	41	50	42	35	40	43	49	54	54	64	59	53	56	65	50	35	38	34	44	51	58	61	47	50	54	52	45	47	51	53	48.9
COLLEGE PARK	MAX	71	75	85	74	74	80	83	80	78	81	79	79	80	82	80	71	56	67	71	70	63	71	72	68	70	66	61	57	60	59	69	72.0
	MIN	42	43	62	44	38	41	45	50	56	57	66	62	56	58	67	50	34	35	44	46	57	61	61	50	51	57	51	45	46	50	52	50.9
DALECARLIA RESVR D C	MAX	70	75	83	77	75	77	82	81	78	81	75	78	77	80	80	71	57	67	71	69	62	70	68	68	71	67	60	58	60	58	60	71.2
	MIN	45	46	56	46	39	44	49	52	58	63	65	62	58	64	62	42	35	38	38	46	54	56	58	51	49	53	51	46	48	47	52	50.7
FORT GEORGE G MEADE	MAX	73	74	83	67	74	80	82	79	79	82	80	78	80	82	80	69	57	68	71	69	62	71	69	69	71	65	59	58	62	59	60	71.4
	MIN	40	39	55	38	32	37	41	46	53	53	61	59	53	56	63	47	28	35	32	44	53	58	58	44	47	52	48	40	41	45	47	46.6
GLENN DALE BELL STA	MAX	71	74	84	81	73	80	82	81	80	81	79	78	79	82	82	70	56	66	71	68	62	71	70	70	70	66	60	57	60	58	60	71.7
	MIN	42	41	59	39	35	40	43	47	53	56	64	60	54	60	62	49	31	36	34	43	54	61	60	45	49	53	50	45	45	50	53	48.8
LAUREL 3 W	MAX	71	74	82	79	73	80	81	77	76	79	79	77	79	79	79	69	54	67	71	68	65	71	68	67	69	63	61	54	60	56	68	70.8
	MIN	50	52	60	46	46	50	51	55	60	59	64	62	63	60	63	49	35	42	48	45	58	50	59	52	53	53	50	46	46	50	52	52.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

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	72	75	85	83	74	79	83	81	77	81	81	79	79	81	80	71	57	67	72	69	62	71	71	70	70	67	60	57	62	59	61	72.1
	MIN	43	49	53	46	40	44	47	52	59	58	66	63	59	61	67	51	38	44	39	47	54	60	61	48	51	53	51	47	48	51	53	51.7
SUITLAND	MAX	68	70	74	84	64	72	78	80	76	77	79	78	77	78	81	70	59	54	65	69	61	62	70	67	69	70	63	53	56	58	58	69.0
	MIN	46	47	50	48	39	47	49	50	54	60	65	62	61	62	64	51	37	37	39	47	50	56	60	52	51	53	51	46	46	48	52	51.0
U. S. SOLDIERS HOME DC	MAX	72	74	85	68	74	78	80	79	78	78	80	79	79	81	72	63	55	65	70	62	63	70	66	63	71	64	57	56	59	58	60	69.6
	MIN	46	52	61	48	46	52	54	56	61	61	64	64	63	64	62	43	36	46	45	50	55	60	60	50	55	54	49	46	47	50	52	53.3
UPPER MARLBORO 3 NNW	MAX	69	71	73	85	66	73	80	82	77	75	80	80	72	80	82	70	61	57	67	70	63	64	72	68	71	70	63	54	57	60	59	70.0
	MIN	41	43	61	43	35	40	43	45	50	55	65	61	54	59	64	50	35	39	34	35	46	57	61	49	50	54	51	41	46	49	53	48.7
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX	71	77	84	72	70	79	82	80	80	82	82	76	82	83	81	69	54	66	77	67	66	73	73	71	71	64	67	61	64	60	61	72.4
	MIN	40	39	41	45	36	45	48	50	50	53	60	56	57	55	66	49	36	45	37	45	52	60	63	50	49	53	50	44	39	51	53	48.9
CHESTERTOWN	MAX	71	72	82	67	71	77	80	81	81	81	80	75	80	82	72	67	53	66	71	64	66	71	70	73	69	65	55	59	62	59	60	70.4
	MIN	45	44	62	46	40	50	50	53	55	59	63	58	59	64	66	45	37	45	41	43	52	60	61	50	54	52	48	41	39	50	52	51.1
COLEMAN 3 WNW	MAX	72	73	85	78	72	78	82	78	79	83	81	75	75	83	78	69	54	67	71	64	65	68	69	70	67	64	56	59	62	58	59	70.8
	MIN	49	44	61	51	43	50	49	53	56	61	63	58	58	62	66	50	36	46	46	45	53	60	62	51	55	52	49	41	40	50	52	52.0
EASTERN NECK ISLAND	MAX	69	73	80	78	71	76	77	76	76	79	78	73	76	80	79	70	56	66	67	67	66	71	71	69	72	70	63	59	63	60	62	70.7
	MIN	50	48	65	54	47	53	56	54	57	58	65	59	59	64	67	49	37	51	50	48	53	60	62	54	56	59	50	49	45	53	53	54.4
MILLINGTON	MAX	71	74	85	81	72	81	84	82	80	80	79	80	82	83	78	69	53	64	72	67	66	72	68	73	71	61	57	59	61	59	60	71.7
	MIN	40	38	56	43	33	45	44	47	51	58	59	54	55	60	63	49	36	41	33	36	49	58	61	46	55	50	47	40	34	47	50	47.7
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX	69	72			70	75	79	75	75			73	77	80	75	68			68	66	65	69	70	67	67	63	57	58	58	56		68.8
	MIN	45	45			38	50	48	53	56			60	59	65	66	51	37			45	55	59	63	49	55	53	50	36	44	50		51.3
BALTIMORE CITY WSO	MAX	70	74	85	66	75	80	82	78	78	80	79	75	77	81	71	62	54	69	70	63	64	72	69	70	70	63	56	57	60	56	60	69.9
	MIN	54	54	62	53	52	57	58	61	64	64	66	64	64	66	62	45	40	49	52	51	56	62	62	56	58	56	51	44	46	52	54	56.0
BENSON POLICE BARRACKS	MAX	68	72	83	79	72	79	82	81	78	82	81	78	77	79	80	70	54	69	70	69	63	73	72	68	68	65	60	62	63	59	59	71.5
	MIN	42	40	56	43	38	48	46	50	55	60	63	60	55	62	61	48	34	34	43	43	51	59	61	51	53	52	48	38	36	44	42	48.9
BOYDS 2 NW	MAX	68	73	81	73	71	79	80	77	75	75	74	75	78	78	76	69	53	67	69	66	61	67	69	67	67	64	57	54	56	55	56	68.7
	MIN	45	45	56	43	41	45	50	54	58	59	63	61	57	60	63	46	33	42	43	48	53	59	56	47	51	53	49	44	45	49	51	50.6
CATOCTIN MOUNTAIN PARK	MAX	61	68	72	68	65	73	75	72	70	69	67	69	72	75	70	68	45	62	62	61	56	62	63	61	58	56	56	50	50	51	51	63.2
	MIN	45	48	45	41	38	45	48	54	60	59	61	57	57	56	60	41	30	40	46	46	49	55	46	48	49	44	41	40	40	42	40	47.5
CLARKSVILLE 3 NNE	MAX	68	73	82	71	72	79	82	77	75	78	78	76	78	79	79	70	53	68	69	66	61	70	69	67	68	65	57	56	58	56	67	69.9
	MIN	37	37	54	38	31	38	39	45	54	54	64	59	51	55	61	48	31	36	32	41	56	60	59	46	47	53	51	43	45	49	52	47.3
CONOWINGO DAM	MAX	70	71	81	63	70	74	78	73	77	78	77	72	74	78	71	64	52	67	68	63	65	70	68	67	67	63	55	58	59	56	60	68.1
	MIN	48	41	54	43	37	49	49	51	55	60	63	58	57	63	60	44	38	40	39	42	52	61	60	51	51	53	49	40	38	50	52	49.9
ELKTON	MAX	67	72	82	65	70	78	80	78	77	80	77	75	78	81	73	68	52	68	69	64	68	72	68	66	68	62	56	59	62	59	60	69.5
	MIN	40	38	52	43	33	46	47	48	50	57	62	56	55	60	58	45	33	36	34	37	51	59	61	45	52	50	47	37	35	49	49	47.3
EMMITSBURG 2 SE	MAX	69	73	80	74	72	82	83	79	76	72	71	75	78	78	78	70	53	67	69	63	66	70	68	66	66	66	59	55	59	55	55	69.3
	MIN	36	35	52	36	29	38	38	44	52	48	49	53	50	54	61	44	30	33	33	39	51	57	53	41	46	52	46	42	42	46	48	44.5
FREDERICK WFMD	MAX	70	73	78	70	72	80	82	78	75	74	74	75	79	80	77	72	52	68	70	63	60	70	66	63	67		58	55	55	55	55	68.9
	MIN	38	40	52	40	36	40	42	49	57	56	63	58	55	57	63	47	32	40	45	48	52	52	50	50	47		50	44	44	48	51	48.2
PARKTON 2 SW	MAX	66	70	80	62	69	77	81	74	74	75	74	71	75	76	69	62	50	65	68	59	59	68	65	64	67	68	53	57	57	51	55	66.5
	MIN	44	41	55	40	35	43	46	50	56	60	63	56	56	59	62	39	32	42	41	39	52	59	57	48	49	50	45	38	36	48	49	48.1
ROCKVILLE 4 NE	MAX	69	73	75	70	72	79	82	81	72	75	74	78	77	78	77	66	55	74	71	68	65	70	69	69	70	67	60	55	58	58	57	69.8
	MIN	36	42	45	38	31	36	42	44	51	56	53	51	50	51	62	45	35	38	30	41	43	51	53	46	47	51	50	42	44	47	50	45.2
TOWSON	MAX	71	72	83	68	71	80	81	77	83	80	78	75	76	76	76	69	54	67	69	64	61	71	69	67	68	67	66	57	59	58	58	69.9
	MIN	48	48	61	48	45	50	53	56	60	60	65	62	60	63	66	50	35	39	47	48	54	60	61	51	53	53	49	40	41	49	51	52.5
UNIONVILLE	MAX	66	71	81	72	69	78	81	73	74	73	72	74	76	76	72	70	52	67	67	62	60	67	65	63	65	62	58	56	56	54	56	67.4
	MIN	38	38	55	39	32	39	40	48	53	53	63	56	53	56	64	47	29	35	35	43	48	60	58	41	46	53	50	43	45	49	51	47.1
WESTMINSTER 2 SSE	MAX	65	71	79	66	70	79	81	73	73	76	72	73	77	75	71	66	49	65	67	58	59	67	66	63	68	61	55	55	56	52	54	66.5
	MIN	42	41	57	42	36	43	44	49	57	59	63	59	58	60	64	45	32	39	37	45	51	59	57	47	49	51	48	40	42	47	49	48.8
WHEATON REGIONAL PARK	MAX	66	69	78	78	65	72	74	73	72	75	74	72	74	75	75	68	55	68	65	64	61	72	67	66	66	69	64	55	58	56	59	67.9
	MIN	43	40	58	44	37	41	44	45	55	56	63	59	54	57	65	49	35	39	36	46	51	60	59	47	49	52	48	40	35	55	52	48.8
WOODSTOCK	MAX																																
	MIN																																
* * *																																
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	MAX	66	72	78	72	71	79	81	75	74		74	74	76	79	76	71	51	68	68	65	59	67	66	63	65	63	55	52	53	53	55	67.4
	MIN	42	50	59	41	40	42	50	56	58		62	60	59	63	63	48	33	38	42	50	53	58	50	45	48	53	49	44	46	49	50	50.0
CHEWSVILLE BRIDGEPORT	MAX	67	74	79	70	71	79	82	74	75	76	73	75	76	80	75	72	53	68	69	64	61	68	70	63	65	65	57	57	55	54	57	68.5
	MIN	37	48	55	38	32	39	40	48	52	60	64	58	55	60	64	47	34	36	32	42	52	58	48	41	43	51	50	45	49	43	52	47.5
CUMBERLAND	MAX	72	79	75	68	73	83	84	78	76	79	73	77	80	83	76	67	53	67	71	60	57	69	72	63	67	58	57	52	51	52	56	68.6
	MIN	41	43	37	37	37	41	49	49	55	60	59	58	55	55	44	34	35	32	33	33	50	43	40	40	46	49	44	44	46	47	50	44.7
CUMBERLAND POLICE BRKS	MAX	68	73	76	70	71	79	80	79	75	76	75	73	79	79	79	79	56	66	67	65	59	67	69	68	65	63	55	55	51	53	56	68.6
	MIN	40	39	56	35	34	39	41	47	54	62	62	62	59	56	60	45	32	38	30	35	42	54	47	42	45	52	48	45	41	47	51	46.5
FROSTBURG	MAX	67	73	72	70	68	79	79	78	70	72	68	69	72	78	73	57	46	52	48	52	53	57	54	57	62	56	52	47	46	49	51	62.2
	MIN	40	44	41	37	46	45	46	50	56	64	57	66	61	61	57	38	30	38	34	38	46	49	41	47	46	47	46	41	40	45	47	46.6
HAGERSTOWN	MAX	67	74	79	71	71	79	81	79	74	75	72	75	77	81	76	71	52	69	69	63	59	68	68	63	69	63	57	54	54	54	56	68.4
	MIN	41	46	57	42	39	44	47	53	58	61	65	60	58	60	63	46	33	38	40	43	52	57	56	43	50	52	49	45	46	48	51	49.8

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

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	67	65	75	77	62	70	77	78	73	72	73	69	73	78	79	75	55	52	67	66	59	59	65	68	59	65	60	55	53	50	52	66.1
	MIN	40	39	50	36	31	37	40	45	51	56	63	58	55	53	62	45	32	38	31	36	52	57	43	40	43	48	45	46	45	47	48	45.5
PICARDY	MAX	67	77	76	67	71	80	80	74	74	76	72	74	80	82	75	61	52	68	66	58	58	67	68	60	65	59	55	55	50	52	55	66.9
	MIN	38	42	56	53	36	41	45	50	56	61	61	58	54	60	59	42	27	36	35	47	49	55	44	43	45	52	47	44	46	46	41	47.4
WESTERNPORT UPRC	MAX	69	73	72	73	72	79	82	79	75	76	75	73	79	82	76	61	55	65	66	67	57	66	70	68	64	62	56	54	52	53	55	67.9
	MIN	42	45	54	40	36	42	44	49	55	59	62	62	62	55	55	44	35	38	32	38	50	55	45	42	46	50	50	46	45	46	52	47.6
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX	60	66	62	51	65	72	73	67	65	67	63	67	73	72	62	47	43	54	58	50	52	57	58	57	62	51	48	42	44	48	50	58.3
	MIN	37	43	49	32	37	47	49	49	54	56	58	53	55	52	46	31	27	35	33	41	44	49	43	39	43	47	41	38	39	43	47	43.8
OAKLAND 1 SE	MAX	65	69	65	56	69	77	78	72	70	72	65	75	75	75	63	51	47	57	62	53	54	58	62	59	70	62	51	47	49	50	53	62.3
	MIN	37	39	54	34	33	36	35	42	57	59	57	50	52	49	51	36	29	32	25	43	46	51	42	36	43	41	45	41	41	45	49	42.9
SAVAGE RIVER DAM	MAX	60	66	73	69	58	71	76	79	72	71	75	66	72	77	79	69	48	50	61	63	54	59	68	67	59	62	55	52	48	49	53	63.9
	MIN	40	31	43	34	35	37	42	42	47	58	59	59	59	54	55	42	34	34	32	32	41	52	46	40	41	48	49	43	42	45	49	44.0
SINES DEEP CREEK 2	MAX																																
	MIN																																
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	69	74	85	84	70	81	83	78	78	77	79	74	78	81	76	69	54	66	70	65	67	71	69	68	72	63	58	58	60	58	61	70.8
	MIN	41	40	58	45	36	50	47	50	53	58	64	56	52	62	66	50	34	40	38	40	53	60	63	58	55	53	49	40	37	50	50	49.9
NEWARK UNIVERSITY FARM	MAX	68	73	84	65	69	77	80	80	78	79	78	75	77	80	75	70	56	66	70	68	65	70	68	71	70	65	57	58	60	57	60	70.0
	MIN	42	40	56	45	36	48	48	49	52	57	62	57	56	60	59	49	33	37	39	36	50	59	61	47	55	51	48	38	35	41	49	48.2
WILMGTON NCASTLE WSO	MAX	69	73	85	66	70	77	79	77	77	79	77	75	77	78	73	62	53	68	70	64	67	67	72	71	68	62	55	57	60	59	62	69.3
	MIN	46	46	57	43	40	55	55	55	56	60	62	59	62	64	62	39	36	46	41	40	55	62	57	51	57	54	49	41	40	51	52	51.4
WILMGTON PORTER RESVR	MAX	65	70	81	63	66	77	79	76	76	78	73	72	74	77	71	64	49	65	65	60	65	65	69	68	65	59	53	54	57	57	60	66.9
	MIN	43	45	53	43	42	53	52	53	53	58	59	56	59	61	60	35	33	34	43	41	51	59	56	50	53	49	44	36	38	47	49	48.6
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	71	75	84	74	71	79	81	78	80	81	79	78	80	85	81	68	52	65	69	67	66	70	71	70	70	61	56	57	58	61	63	71.0
	MIN	43	39	60	48	37	44	48	50	53	57	60	54	58	61	64	50	36	39	38	43	55	60	63	50	54	53	48	46	39	52	53	50.2
DOVER	MAX	69	73	84	78	70	79	79	75	76	76	75	76	76	77	77	70	58	65	69	67	64	66	68	71	69	60	58	57	60	60	60	69.7
	MIN	40	40	58	46	38	57	47	49	57	57	62	57	56	59	62	48	33	40	40	42	51	57	59	60	53	49	45	41	40	54	57	50.1
GEORGETOWN 5 SW	MAX	69	71	73	83	64	71	78	80	77	78	80	79	77	80	83	82	58	52	64	68	67	67	70	69	71	68	59	54	58	58	61	70.0
	MIN	41	37	45	47	34	43	47	49	51	58	60	55	57	58	64	51	37	36	33	39	44	61	61	50	52	56	49	47	39	52	55	48.6
LEWES 1 SW	MAX	67	73	84	73	67	75	76	73	75	75	74	73	74	80	82	68	51	57	66	65	66	67	68	67	67	61	58	58	58	61	62	68.4
	MIN	48	42	61	49	39	48	53	51	53	60	61	59	58	64	65	48	37	37	41	43	59	61	62	53	54	55	49	51	51	54	57	52.4
MILFORD 2 WSW	MAX	70	75	85	82	71	80	82	79	80	78	78	77	78	84	80	69	56	65	69	65	66	66	68	70	69	61	57	56	59	60	62	70.9
	MIN	43	38	60	46	36	46	52	52	52	58	63	55	58	60	64	50	36	39	37	38	57	60	62	49	52	53	49	46	40	50	55	50.2
SELBYVILLE	MAX																																
	MIN																																

See Reference Notes Following Station Index

EVAPORATION AND WIND

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	.09	.15	.14	.07	.29	.16	.13	.13	.12	.11	.12	.08	.10	.12	.07	.52	.27	.14	.07	.10	.17	-	.06	.10	.09	.03	.12	.12	.08	.04	-	4.05B
	WIND	23	29	45	57	62	36	14	20	27	41	51	32	30	36	40	53	116	112	67	29	62	69	43	49	16	40	78	86	49	64	69	1545
	MAX	72	75	70	83	72	72	75	82	74	75	78	76	78	79	81	70	70	55	64	78	65	61	72	66	71	63	64	58	57	62	52	70.0
	MIN	47	50	50	53	44	45	48	52	56	60	60	63	61	62	69	55	37	33	31	31	49	55	61	55	55	56	51	47	46	48	52	51.0
UPPER MARLBORO 3 NNW	EVAP	.07	.17	.17	.11	.21	.03	.23	.14	.12	.18	.21	-	.12	.05	.11	-	.18	.19	.18	.06	.03	-	.02	.17	.10	.07	.12	.04	.10	.08	-	3.74B
	WIND	32	25	21	117	33	25	21	22	20	28	34	23	21	28	51	41	46	67	54	22	42	25	38	39	28	34	78	75	45	41	39	1215
	MAX	68	73	75	82	80	74	77	80	77	76	79	82	80	83	82	71	69	63	67	69	60	62	72	69	70	74	64	65	62	60	60	71.8
	MIN	48	50	63	51	54	46	46	51	56	59	68	62	63	63	65	55	39	42	39	43	48	55	62	54	53	56	52	47	47	49	54	52.9
* * * APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	EVAP	.08	.10	.21	.09	.10	.10	.12	.10	.09	.07	.05	.09	.10	.13	.07	.17	.10	.08	.06	.07	.01	-	.05	.05	.05	.03	.06	.08	.05	-	.02	2.54B
	WIND	14	40	47	27	17	18	13	18	29	35	41	35	29	51	11	80	52	28	15	35	46	24	16	14	8	23	56	31	38	50	48	989
DELAWARE																																	
* * * SOUTHERN 02																																	
GEORGETOWN 5 SW	EVAP	.16	.15	.27	.21	.22	.17	.19	.18	.21	.10	.04	.13	.06	.16	-	.14	.20	.14	.18	.10	.05	-	-	.08	.08	.18	-	.14	.09	-	.11	4.46B
	WIND	59	39	121	119	61	30	41	36	24	40	39	33	26	32	77	89	150	106	69	29	62	92	59	50	21	101	156	156	67	68	86	2138

SNOWFALL AND SNOW ON GROUND

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																																
* * * NORTHERN CENTRAL 06																																
FREDERICK WFMO	SNOWFALL																					T										
	SN ON GND																															
* * * APPALACHIAN MOUNTAIN 07																																
FROSTBURG	SNOWFALL																	T														
	SN ON GND																															
* * * ALLEGHENY PLATEAU 08																																
BITTINGER 2 NW	SNOWFALL																	T														
	SN ON GND																	T														

See Reference Notes Following Station Index

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARTFORD	1	39 28	76 10	57	SP	SP			ROSS AVIATION INC.
ANNAPOLIS	0193	04	ANNE ARUNDEL	1	38 59	76 30	40	6P	6P		H	ARTHUR N. MILLER
ASSATEAGUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	5	6P	6P			ASSATEAGUE STATE PARK
BALTIMORE WSO R	0465	04	ANNE ARUNDEL	3	39 11	76 40	148	MID	MID		C HJ	NATL WEATHER SERVICE
#BALTIMORE CITY WSO R	0470	06	BALTO CITY	3	39 17	76 37	14	MID	MID		C	NATL WEATHER SERVICE
BELTSVILLE	0700	04	PRN. GEORGES	5	39 02	76 53	120	8A	8A		BAC	CHESTER H. GORDON
BELTSVILLE PLANT STA 5	0705	04	PRN. GEORGES	5	39 01	76 57	100	9A	9A		C	USDA PLANT IND. STA.
BENSON POLICE BARRACKS	0732	06	HARFORD	1	39 30	76 23	305	SP	SP			MD. STATE POLICE
BITTINGER 2 NW	0881	08	GARRETT	7	39 37	79 15	2700	7P	7P		H	ELBERT E. BUCKEL
BLACKWATER REFUGE	0915	02	DORCHESTER	1	38 26	76 08	5	SP	SP			NAT. WILDLIFE REFUGE
BOONSBORO	0986	07	WASHINGTON	5	39 31	77 39	735	6P	6P	6P		J. HOWARD BECKENBAUGH
BOYDS 2 NW	1032	06	MONTGOMERY	5	39 13	77 20	580	6P	6P			HUNTER F. STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	330		8A			WASH. SUB. SANY. COMM.
BROOKDALE	1170	06	MONTGOMERY	5	38 57	77 06	260		7P		H	B. FRANCIS DASHIELL
CAMBRIDGE 4 W	1385	02	DORCHESTER	1	38 34	76 09	5	6P	6P		H	D ARCY MC B. HARDING
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	5	39 39	77 27	1750	4P	4P			CATUCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P	6P			MARION G. LEIBY
CHARLOTTE HALL 2 SE	1684	03	ST MARYS	4	38 28	76 46	166	SP	SP			MRS. SUSAN N. CARRICO
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	40	11P	11P		H	T. W. ELIASON, JR.
CHEWSVILLE BRIDGEPORT	1790	07	WASHINGTON	5	39 39	77 40	560	6P	6P			LAWSON H. WOLFINGER
CLARKSVILLE 3 NNE	1862	06	HOWARD	4	39 15	76 56	365	SP	SP			UNIVERSITY OF MARYLAND
COLEMAN 3 WNW	1980	05	KENT	1	39 21	76 08	78	6P	6P			W. B. HARRIS
COLLEGE PARK	1995	04	PRN. GEORGES	5	38 59	76 56	70	SP	SP		C H	U.S. GEOL. SURVEY
CONOWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	11P	11P		H	SUSQUEHANNA ELETRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	SP	SP			SOMERS COVE MARINA
CUMBERLAND	2280	07	ALLEGANY	5	39 39	78 45	900	6P	7A		H	TIMOTHY B. THOMAS
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	5	39 38	78 50	970	SP	SP			MD. STATE POLICE
DENTON 1 WNW	2528	02	CAROLINE	1	38 54	75 51	40	6P	6P		H	WAYNE A. CAMLEY
EASTERN NECK ISLAND	2691	05	KENT	1	39 01	76 14	20	SP	SP			EASTERN NECK WLDLF REF
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	SP	SP			MARYLAND STATE POLICE
EDGEMONT	2770	07	WASHINGTON	5	39 40	77 33	905		7A			LEE S. HARNE
ELKTON	2860	05	CECIL	1	39 37	75 50	40	6P	6P			H. W. BOUCHELLE
EMMITSBURG 2 SE	2906	06	FREDERICK	5	39 41	77 18	416	SP	SP		H	MRS. LUCILLE R. BEALE
FORT GEORGE G MEADE	3230	04	ANNE ARUNDEL	4	39 06	76 45	140	SP	SP		H	FILTRATION PLANT
FREDERICK WFMD	3350	06	FREDERICK	5	39 25	77 28	435	6P	6P		H	RADIO STATION WFMD
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385		8A			MISS I. MARY STALEY
FROSTBURG	3410	07	ALLEGANY	5	39 39	78 56	2140	SP	SP		H	G. DAVID DOWNTON
GLENN DALE BELL STA	3675	04	PRN. GEORGES	4	38 58	76 48	150	4P	4P		H	PLANT INTRO. GARDEN
GRANTSVILLE	3795	08	GARRETT	7	39 42	79 09	2380				C	MRS. FANNIE B. MILLER
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	660	6P	6P		H	HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	8A	8A		C H	U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	08	CHARLES	5	38 32	77 00	140	SP	SP		H	C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN. GEORGES	4	39 06	76 54	400	SP	7A			WASH. SUB. SANY. COMM.
LEONARDTOWN 3 NW	5201	03	ST. MARYS	4	38 19	76 40	110	SP	SP		C H	RADIO STATION WKIK
LOCH RAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190		SP			CITY OF BALTIMORE
MERRILL	5894	08	GARRETT	5	39 36	79 05	1790		8A			DELWOOD E. MERRILL
MILLINGTON	5985	05	KENT	1	39 16	75 51	30	6P	6P		H	LOUIS H. HOLLETT
NEW GERMANY	6408	08	GARRETT	7	39 38	79 07	2590				C	ARCHIE BITTINGER
OAKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	SP	SP		H	LOGAN WEBER
OWINGS FERRY LANDING	6770	03	CALVERT	4	38 41	76 40	160	SP	SP		H	JAMES E. BOURNE, JR.
PARKTON 2 SW	6844	06	BALTIMORE	1	39 38	76 42	600	11P	11P		C H	JOHN R. FOX
PERRY POINT	6980	06	CECIL	1	39 33	76 04	40				C	VETERANS ADMINISTRATION
PICARDY	7010	07	ALLEGANY	5	39 33	78 31	1030	6P	6P			POTOMAC HLND. ORCHARD
POCOMOKE CITY 1 S	7140	01	WORCESTER	1	38 03	75 34	20	SP	SP		H	RADIO STATION WCMY
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 13	270		8A			WASH. SANITARY COMM.
PRESTON 1 S	7310	02	CAROLINE	1	38 42	75 55	30	6P	6P		H	FRANKLIN D. NUSBAUM
PRINCE FREDERICK 1 N	7325	03	CALVERT	1	38 33	76 35	135	SP	SP			STANLEY L. WATSON
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	SP	SP		H	MARYLAND ST COLLEGE FRM
ROCKVILLE 4 NE	7705	06	MONTGOMERY	5	39 07	77 06	320	SP	SP			WILLIAM R. NOPPER
ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	6P	6P		H	J. L. SWAINE, JR.

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
SALISBURY	8000	01	WICOMICO	1	38 22	75 35	10	SP	SP			CITY OF SALISBURY
#SALISBURY FAA AIRPORT	8005	01	WICOMICO	1	38 20	75 30	48	MID	MID		H	FED. AVIATION AGENCY
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A	8AC	H	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040				C	PA. ELECTRIC CO.
SINES DEEP CREEK 2	8320	08	GARRETT	7	39 32	79 25	2040	7P	7A			MRS THELMA REAM
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	6P	6P		H	CURTIS E. SHOCKLEY
SOLOMONS	8405	03	CALVERT	1	38 19	76 27	12	6P	6P			CHESAPEAKE BIOL. LAB.
SUITLAND	8656	04	PRN. GEORGES	5	38 51	76 56	270	9A	9A			EUGENE M. BROWN
TOWSON	8837	06	BALTIMORE	3	39 23	76 34	390	6P	6P			BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	6P	6P		C H	G. P. VON EIFF, JR.
UPPER MARLBORO 3 NNW	9070	04	PRN. GEORGES	4	38 52	76 47	98	8A	8A	8A		TOBACCO EXP. FARM
VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P	6P			DELMARVA POWER & LIGHT
WALDORF POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	SP	SP			MD. STATE POLICE
WESTERNPORT URRC	9409	07	ALLEGANY	5	39 29	79 03	950	6P	6P			UPPER POTOMAC RIVER COM
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	810	6P	7A		H	L. EUGENE FURDUM
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	SP	SP			PARK & PLANNING COMM.
WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360		7A			HAGERSTOWN WTR. PLANT
WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	415	6P	6P		H	WOODSTOCK COLLEGE
DISTRICT OF COLUMBIA												
DALECARLIA RESVR D C	2325	04		5	38 56	77 07	146	SP	SP			CORPS OF ENGINEERS
NATIONAL ARBORETUM D C	6350	04		5	38 54	76 58	50	4P	4P			U.S. NAT. ARBORETUM
U. S. SOLDIERS HOME DC	9035	04		5	38 56	77 01	230	MID	MID			U.S. SOLDIERS HOME
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	SP	SP		H	WILLIAM RAY
DOVER	2730	02	KENT	2	39 09	75 31	30	SP	SP		H	STATE HIGHWAY DEPT.
GEORGETOWN 5 SW	3570	02	SUSSEX	1	38 38	75 28	45	8A	8A	8AC	H	UNI. AGRI. EXP. STA.
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID			FREDERICK D. VOGL
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P		H	PIONEER MIBRED CORN CO.
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	SP	SP			MRS BERNARD FRANKEL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	6P	6P	6PC	H	UNIV. OF DELAWARE
SELBYVILLE	8269	02	SUSSEX	2	38 28	75 13	32	SP	SP			L. NIRRIE LONG
WILMGTON NCASTLE WSO	9595	01	NEW CASTLE	2	39 40	75 36	74	MID	MID		C HJ	NATL WEATHER SERVICE
WILMGTON PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID		H	WATER DEPARTMENT

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

REFERENCE NOTES

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, Room 34, Symons Hall, University of Maryland, College Park, Maryland 20740, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA MARYLAND AND DELAWARE."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on the ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION *is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and* Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for October 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- // Gage is equipped with a windshield.

- B Adjusted to a full month.

- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- G "Soil Temperature" table.

- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

- J "Supplemental Data" table.

- S *Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in* "Precipitation Data from Storage-Gage Stations" Bulletin.

- SS This entry in time of observation column in Station Index means observation made near sunset.

- VAR This entry in time of observation column in Station Index means variable.

- \# *Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers* are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 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.

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