A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

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

JUNE 1971
Volume 75 No. 6

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																							
CRISFIELD SOMERS COVE	81.0	66.5	73.8	- 1.5	87	28+	56	2	3	0	0	0	0	1.74	- 1.57	.69	8	.0	0		5	1	0
POCOMOKE CITY	84.1	64.4	74.3		93	7	52	18	3	8	0	0	0	1.34		.52	8	.0	0		4	1	0
PRINCESS ANNE	83.7	62.8	73.3		91	7	49	18	4	4	0	0	0	2.11		.78	8	.0	0		5	1	0
SALISBURY	82.8	64.2	73.5		92	7	53	18+	5	3	0	0	0	1.46	- 2.03	.66	13	.0	0		5	1	0
SALISBURY FAA AIRPORT	82.5	63.9	73.2		93	7	52	18	6	5	0	0	0	.96		.55	12	.0	0		4	1	0
SNOW HILL 4 N	81.7	62.7	72.2	- .4	93	7	49	18	11	2	0	0	0	1.17	- 2.83	.39	8	.0	0		4	0	0
DIVISION			73.4	.3										1.46	- 1.99			.0					
* * * CENTRAL EASTERN SHORE 02																							
BLACKWATER REFUGE	84.4	63.0	73.7		93	26	53	17	1	9	0	0	0	3.80		1.27	8	.0	0		8	2	1
CAMBRIDGE 4 W	84.1	63.6	73.9		93	26	51	17	1	7	0	0	0	1.27		.27	3	.0	0		6	0	0
DENTON 1 WNW	85.4	63.2	74.3		94	25	51	18+	2	9	0	0	0	2.65		.85	4	.0	0		6	2	0
EASTON POLICE BARRACKS	85.5	63.6	74.6	1.4	94	26	52	19+	0	8	0	0	0	1.31	- 2.05	.65	3	.0	0		3	1	0
PRESTON 1 S	84.2	62.9	73.6		93	26	51	17+	2	6	0	0	0	1.78		.75	3	.0	0		5	1	0
ROYAL OAK	83.8	65.0	74.4		91	26	54	17	1	3	0	0	0	1.78		.94	3	.0	0		3	1	0
VIENNA	86.4	64.2	75.3		96	8	54	17	0	13	0	0	0	2.24		1.22	28	.0	0		6	1	1
DIVISION			74.3	1.1										2.12	- 1.40			.0					
* * * LOWER SOUTHERN 03																							
CHARLOTTE HALL 2 SE	84.4	62.7	73.6		92	28+	52	20+	4	7	0	0	0	3.49		1.20	8	.0	0		5	4	2
LA PLATA 1 W	83.7	62.3	73.0		90	28+	53	17+	3	2	0	0	0	3.43		1.00	12	.0	0		5	4	1
LEONARDTOWN 3 NW	87.4	61.0	74.2		96	7	50	17	3	14	0	0	0	1.13		.52	15	.0	0		3	1	0
OWINGS FERRY LANDING	83.5	62.2	72.9	- .1	92	7	53	17	4	6	0	0	0	1.73	- 1.53	.77	3	.0	0		5	1	0
PRINCE FREDERICK 1 N	82.8	62.9	72.9		90	26+	51	18+	8	4	0	0	0	2.00		.78	3	.0	0		6	1	0
SOLOMONS	85.3	67.8	76.6	2.0	95	8	58	17+	3	11	0	0	0	1.84	- 1.61	1.10	13	.0	0		4	1	1
WALDORF POLICE BRKS	85.8	61.9	73.9		95	8	52	18+	7	12	0	0	0	1.20		.40	3	.0	0		4	0	0
DIVISION			73.9	.8										2.12	- 1.38			.0					
* * * UPPER SOUTHERN 04																							
ANNAPOLIS USN ACADEMY	83.1	66.3	74.7		92	9+	58	16+	1	4	0	0	0	1.42		.43	13	.0	0		7	0	0
BALTIMORE WSO R	83.7	64.3	74.0	1.5	94	25	54	17	2	6	0	0	0	2.92	- .37	1.02	3	.0	0		7	2	1
BELTSVILLE	82.6	60.6	71.6		91	28+	50	1	10	4	0	0	0	2.95		1.31	8	.0	0		5	2	1
BELTSVILLE PLANT STA 5	83.8	61.5	72.7		92	8	50	1	9	5	0	0	0	1.62		.50	3	.0	0		6	1	0
COLLEGE PARK	85.9	63.4	74.7	2.0	94	25	53	1	0	9	0	0	0	1.40	- 2.41	.42	8	.0	0		4	0	0
DALECARLIA RESVR D C	87.0	63.1	75.1		96	26	53	2	1	11	0	0	0	1.61		.34	5	.0	0		7	0	0
FORT GEORGE G MEADE	85.0	61.2	73.1		92	26+	51	1	1	7	0	0	0	3.49		.82	28	.0	0		7	2	0
GLENN DALE BELL STA	85.2	61.0	73.1	1.1	92	7	48	1	0	9	0	0	0	1.92	- 2.08	.92	28	.0	0		4	1	0
LAUREL 3 W	84.1	63.6	73.9		91	25+	53	18+	3	3	0	0	0	2.05		.70	29	.0	0		5	1	0
NATIONAL ARBORETUM D C	86.0	63.8	74.9		93	27+	54	17+	1	10	0	0	0	2.72		1.33	28	.0	0		7	1	1
SUITLAND	82.6	63.5	73.1		91	27	55	17	8	2	0	0	0	2.34		.95	27	.0	0		6	1	0
U. S. SOLDIERS HOME DC	84.7	65.7	75.2		92	27+	56	1	4	8	0	0	0	2.24		1.18	28	.0	0		5	1	1
UPPER MARLBORO 3 NNW	83.5	61.6	72.6		92	27+	52	17	8	6	0	0	0	1.89		.35	27	.0	0		8	0	0
DIVISION			73.7	1.2										2.20	- 1.52			.0					
* * * NORTHERN EASTERN SHORE 05																							
CENTREVILLE	83.6	61.9	72.8		92	26	50	19+	2	4	0	0	0	1.87		.50	28	.0	0		6	1	0
CHESTERTOWN	82.8	62.3	72.6		91	26	50	1	6	3	0	0	0	1.49		.53	6	.0	0		4	2	0
COLEMAN 3 WNW	84.8	63.0	73.9	.8	95	30+	52	1	4	8	0	0	0	2.50	- 1.14	1.57	4	.0	0		4	1	1
EASTERN NECK ISLAND	82.0	66.0	74.0		89	26	55	17+	2	0	0	0	0	1.56		.48	14	.0	0		6	0	0
MILLINGTON	83.6	60.1	71.9	- .3	91	25	47	1	11	4	0	0	0	1.92	- 1.24	.49	4	.0	0		7	0	0
DIVISION			73.0	.2										1.87	- 1.53			.0					
* * * NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FLD	82.4	63.3	72.9		89	25+	52	17	6	0	0	0	0	2.10		1.19	4	.0	0		5	2	1
BALTIMORE CITY WSO R	84.5	67.7	76.1	1.4	93	27+	56	16	4	9	0	0	0	3.43	- .44	1.06	14				6	3	1
BENSON POLICE BARRACKS	84.4	61.1	72.8		91	7	50	2	7	5	0	0	0	2.38		.85	4	.0	0		7	1	0
BOYDS 2 NW	82.7	62.0	72.4		90	30	53	1	4	1	0	0	0	1.78		.65	7	.0	0		4	1	0
CATOCTIN MOUNTAIN PARK	79.2	60.1	69.7		85	30	47	1	18	0	0	0	0	2.39		.95	15	.0	0		6	1	0
CLARKSVILLE 3 NNE	83.7	59.2	71.5		90	25+	50	18+	6	2	0	0	0	3.07		.62	15	.0	0		6	3	0
CONOWINGO DAM	82.8	61.7	72.3		92	26+	51	18	6	3	0	0	0	2.17		.86	26	.0	0		5	2	0
ELKTON	84.2	60.1	72.2	.4	91	25	45	1	10	6	0	0	0	1.21	- 2.75	.43	3	.0	0		5	0	0
EMMITSBURG 2 SE	82.5	58.2	70.4		90	30+	47	1	13	5	0	0	0	4.78		.95	28	.0	0		9	6	0
FREDERICK WFMD																							
PARKTON 2 SW	80.4	59.6	70.0		89	7	49	1	21	0	0	0	0	3.69		1.77	14	.0	0		6	2	1
ROCKVILLE 4 NE	85.0	58.1	71.6		93	30	47	1	1	6	0	0	0	1.43		.52	3	.0	0		5	1	0

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 66

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	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	83.3	64.1	73.7		90	26+	54	16+	6	3	0	0	0	2.87	- .80	.57	3	.0	0		7	2	0
UNIONVILLE	81.3	59.1	70.2		88	30+	46	1	18	0	0	0	0	2.32		1.11	14	.0	0		8	1	1
WESTMINSTER 2 SSE	81.6	60.7	71.2	.5	89	7	50	11+	12	0	0	0	0	1.73	- 2.40	.40	15	.0	0		7	0	0
WHEATON REGIONAL PARK	82.5	60.9	71.7		90	28	48	1	5	1	0	0	0	1.68		1.00	7	.0	0		4	1	1
WOODSTOCK																							
DIVISION			71.9	.7										2.47	- 1.40			.0					
* * *																							
APPALACHIAN MOUNTAIN 07																							
BOONSBORO	81.5M	60.8M	71.2M		90	30	48	1	9	1	0	0	0	1.26		.50	7	.0	0		4	1	0
CHEWSVILLE BRIDGEPORT	83.4	59.8	71.6	1.3	91	28	48	1	4	2	0	0	0	1.52	- 2.03	.44	7+	.0	0		4	0	0
CUMBERLAND																							
CUMBERLAND POLICE BRKS	84.6	58.6	71.6		95	29	49	10	7	8	0	0	0	2.00		.72	13	.0	0		7	1	0
FROSTBURG	80.8	57.7	69.3	1.5	90	28	49	1	12	1	0	0	0	3.28	- 1.07	.68	13	.0	0		9	2	0
HAGERSTOWN	84.2	62.2	73.2		92	30+	51	1	4	5	0	0	0	2.20		.70	6	.0	0		5	1	0
HANCOCK FRUIT LAB	81.2	59.1	70.2		92	29	47	1	15	1	0	0	0	2.53	- 1.27	.59	8	.0	0		8	1	0
PICARDY																							
WESTERNPORT UPRC	85.2	59.3	72.3		96	28	47	1	8	8	0	0	0	2.64		.66	29	.0	0		5	2	0
DIVISION			71.3	1.0										2.20	- 1.63			.0					
* * *																							
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	74.9	55.1	65.0		84	28	40	11	50	0	0	0	0	3.90		.70	21+	.0	0		8	4	0
MCHENRY 2 NW	76.7	56.7	66.7		88	29	47	11+	28	0	0	0	0	3.00		.69	22	.0	0		7	4	0
OAKLAND 1 SE	78.2	55.0	66.6	1.7	88	29+	41	1	25	0	0	0	0	3.76	- .92	.92	13	.0	0		7	3	0
SAVAGE RIVER DAM	79.2	56.7	68.0		90	29	43	1	30	1	0	0	0	2.67		.55	14	.0	0		7	2	0
DIVISION			66.6	2.0										3.33	- 1.22			.0					
DELAWARE																							
* * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	84.5	62.0	73.3		92	25	50	1	4	5	0	0	0	1.81		.78	3	.0	0		4	2	0
NEWARK UNIVERSITY FARM	84.3	61.5	72.9		91	26+	50	18+	8	4	0	0	0	3.07		1.58	27	.0	0		6	1	1
WILMGTON NCASTLE WSO	82.8	63.9	73.4	2.0	92	25	50	1	3	2	0	0	0	2.50	- 1.57	1.22	26	.0	0		6	1	1
WILMGTON PORTER RESVR	83.2	62.0	72.6		91	25+	52	17+	6	4	0	0	0	1.36	- 2.55	.75	3	.0	0		3	1	0
DIVISION			73.1	1.6										2.19	- 1.64			.0					
* * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	83.9	62.7	73.3	1.1	93	7	49	18	4	7	0	0	0	1.65	- 1.95	.86	26	.0	0		4	1	0
DOVER	83.2	62.1	72.7	- .2	91	30	49	1	14	5	0	0	0	1.88	- 1.58	1.32	4	.0	0		3	1	1
GEORGETOWN 5 SW	81.0	62.7	71.9		92	8	49	18	15	3	0	0	0	2.63		.74	22	.0	0		7	2	0
LEWES 1 SW	79.8	62.7	71.3		91	8	50	18	20	3	0	0	0	.29		.15	3	.0	0		1	0	0
MILFORD 2 WSW	83.4	63.2	73.3		93	26	49	18	10	6	0	0	0	1.54		.42	4	.0	0		5	0	0
SELBYVILLE																							
DIVISION			72.5	.1										1.60	- 2.01			.0					

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 96° ON THE 28+ AT 4 STATIONS, MARYLAND

LOWEST TEMPERATURE: 40° ON THE 11TH AT BITTINGER 2 NW, MARYLAND

GREATEST TOTAL PRECIPITATION: 4.78 INCHES AT EMMITSBURG 2 SE, MARYLAND

LEAST TOTAL PRECIPITATION: .29 INCHES AT LEWES 1 SW, DELAWARE

GREATEST ONE-DAY PRECIPITATION: 1.77 INCHES ON THE 14TH AT PARKTON 2 SW, MARYLAND

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	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
		Day of Month																														
MARYLAND																																
* * * SOUTHERN EASTERN SHORE 01																																
ASSATEAGUE STATE PARK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
CRISFIELD SOMERS COVE	1.74	T							.69				.19	.37	T		.33						.16	T								.
POCOMOKE CITY	1.34								.52				.14	.33	.06	T	.27	T											.02			.
PRINCESS ANNE	2.11								.78				.30	.20	.06	.01	.30						.04						.42			.
SALISBURY	1.46			T					.21				.17	.66	.04	.02	.20												.16			.
SALISBURY FAA AIRPORT	.96				T		T	.15					.55		.04	.11	.10					T		T					.01			.
SNOW HILL 4 N	1.17								.39				.04	.01	.04	T	.22							.22					.25			.
* * * CENTRAL EASTERN SHORE 02																																
BLACKWATER REFUGE	3.80			.27				.27	1.27				.27	.36	.80	.38	.18							T								.
CAMBRIDGE 4 W	1.27			.27	.07		.12	.05	.22				.17	.02	.17	.08	.10												T			.
DENTON 1 WNW	2.65			.41	.85		T	.50	.05	.16			.04		.04		.17										.02		.41			.
EASTON POLICE BARRACKS	1.31			.65	.20		.01		.29				.04		.02	.02	.03							T					.05			.
PRESTON 1 S	1.78			.75	.10			T	.08				.17				.08										.30		.30			.
ROYAL OAK	1.78			.94	.03		.03	.05	.35				.02	.02	.25	.04	.05							T								.
VIENNA	2.24			.18				.15	.15				.25			.20	.09												1.22			.
* * * LOWER SOUTHERN 03																																
CHARLOTTE HALL 2 SE	3.49			1.05		.02			1.20				.50	.60		.10	.02															.
LA PLATA 1 W	3.43		T	.94		T		.62	.06				1.00	.08	.51	.07	.14												.01			.
LEONARDTOWN 3 NW	1.13			.05									T	.05		.52	.33			T	.18											.
OWINGS FERRY LANDING	1.73			.77				.03	.13	T			.10	.09	T	.24	.04						T					T	.33			.
PRINCE FREDERICK 1 N	2.00			.78	T			.01	.20				T	.42	.22	.18	.18						T						.01			.
SOLOMONS	1.84			.15					.35					1.10			.24															.
WALDORF POLICE BRKS	1.20			.40			.04	.07	.20	.02				.15		.30	.02															.
* * * UPPER SOUTHERN 04																																
ANNAPOLIS USN ACADEMY	1.42			.13	.16		.03	.10	.21	.11			T	.43	.09	.13													.03			.
BALTIMORE WSO R	2.92		.19	1.02	T		.18	.40					T		.25	T	T							T			.26		.82			.
BELTSVILLE	2.95	.02		.39	.05			.36	1.31	.03			.02			.25														.52		.
BELTSVILLE PLANT STA 5	1.62			.50	T	.20		.30	.27	T						.10	T													.25		.
COLLEGE PARK	1.40			.36			.06	.28	.42				T			.08													.20			.
DALECARLIA RESVR D C	1.61			.19		.34	.05	.18	.14				.02	.02		.33	.16												.18			.
FORT GEORGE G MEADE	3.49		T	.32	.43			.65	.45					T	.42	.40											T		.82			.
GLENN DALE BELL STA	1.92			.35			.02	.06	.39				.02	T		.13	.03				T							T	.92			.
LAUREL 3 W	2.05	.04		.08	.37			.18	.26				.02			.38	.02													.70		.
NATIONAL ARBORETUM D C	2.72			.40		.23	.11	.12	.25				T			.25	.03											T	1.33			.
SUITLAND	2.34			.31	T	.01		.16	.21					.02		.20	.06											.95		.42		.
U. S. SOLDIERS HOME DC	2.24		.29		.15		.08	.25					T		.20	.06	.03							T					1.18			.
UPPER MARLBORO 3 NNW	1.89			.32		.26	T	.18	.13					T	.32	.14	.03											.35		.16		.
* * * NORTHERN EASTERN SHORE 05																																
CENTREVILLE	1.87		.28		.18	.05		.12	.07	.41					.10	.07	.09												.50			.
CHESTERTOWN	1.49		.05	.50			.53	.10	.08				T	T	.13	.05													.05			.
COLEMAN 3 WNW	2.50			.36	1.57		T	.26	.08				T		.07	.05	.11												T			.
EASTERN NECK ISLAND	1.56			.42	.19	.01	.01		.19	.16					.46		.12															.
MILLINGTON	1.92			.18	.49			.44	.08	.27					.10	.04	.11												.21			.
* * * NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	2.10		T	.52	1.19		.12	.11	.10	T					.05	.01	T					T										.
BALTIMORE CITY WSO R	3.43		.62	.14			.07	.21					.05		1.06	.01											.40		.87			.
BENSON POLICE BARRACKS	2.38			.23	.85	.37	.02	.33	.12						.04	.10	.01										.31					.
BOYDS 2 NW	1.78		.07	.31	.07		.24	.65	.08				.03	.02		.27	.04															.
BRIGHTON DAM	3.13	.03		.80	.49			.32	.32					T		.64	.11											.42				.
BROOKDALE	1.61		.06	.26		T	.32	.21					.04	T	T	.23	T					T		T					.48	.01		.
CATOCTIN MOUNTAIN PARK	2.39			.15	.23	.01	.17	.49	.05				.04	.03	.01	.95	.10	.02											.05	.07		.
CLARKSVILLE 3 NNE	3.07		T	.53	.42		.52	.33	.09				.01	T	T	.62	.09										.43	.02	.01			.
CONOWINGO DAM	2.17		.06	.50	T	T	.20	.04					.03		.21	.04	.09					.12		T			.86	.02				.
ELKTON	1.21			.43	.04			.13							.14	.05	.10					.22					.04	.06	T			.
EMMITSBURG 2 SE	4.78			.80	.20		.55	.50					.70	.08	.80	.10	.10										T		.95			.
FREDERICK WFMD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
FREDERICK 3 E	2.17			.16	.07	.12	T	.83	.20					.23	.04	.21	.09	T												.22		.
LOCH RAVEN DAM	2.08			.40	.18	T		.12	.22						.58	.36	.22									T						.
PARKTON 2 SW	3.69		.33	.74			.11	.26					T		1.77	.04	.03										.37		.03	.01		.
POTOMAC FILTER PLANT	1.57			.56				.19	.57					T		.25																.
ROCKVILLE 4 NE	1.43		.05	.52	.04	.10	.07	.29	.17							.14	.04												.01			.
TOWSON	2.87		.03	.57	.02		.01	.20	.41				.23		.42	.49	T												.50			.
UNIONVILLE	2.32		.10	.24	.15		.14				.17		T	.02	1.11	.09	.10										.02		.18			.
WESTMINSTER 2 SSE	1.73		.04	.24	.11	T	.06	.11	.20				.17			.40	.37								T			T		.02	.01	.
WHEATON REGIONAL PARK	1.68		T	.29		.04	.01	1.00	.17				T			.10	T							T					.07			.
WOODSTOCK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
* * * APPALACHIAN MOUNTAIN 07																																
BOONSBORO	1.26		.05	.04	.01		.23	.50	.03				.08	.09	.02	.11	.10						T	T						T		.
CHEWSVILLE BRIDGEPORT	1.52		.44	.02		.04	.26	.44					.05	.06	.02	.19								T						T		.
CUMBERLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
CUMBERLAND POLICE BRKS	2.00		.33	T		.10	.14	.22					.02	.72		.09	.18					T	.07								.13	.
EDGEMONT	2.80			.32	.06	.64	.14	.12	.25				.02		.03	1.10														.12		.
FROSTBURG	3.28		.37	T	.32	T	.25	.33	T				.04	.68	.52	.35	.09	.02			.16	.15	T								T	.
HAGERSTOWN	2.20		.41		T		.70	.44					.08	.11	.04	.31	.02					T					.05			.04		.
HANCOCK FRUIT LAB	2.53				.21		.25	.05	.59				.23		.42	.16	.03						.18							.41		.
PICAROY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
WESTERNPORT UPRC	2.64		.06	T		.03	.62	.03					.07	.45	.05	.17	.03			T	T	T	T							.47	.66		.
WILLIAMSPORT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
* * * ALLEGHENY PLATEAU 08																																
BITTINGER 2 NW	3.90		.17		.22	.02	.45	.60					.02	.70	.06	.64	.03				T	.70									.29	.
MCHENRY 2 NW	3.00			.15	T		.20	.55	.25	T				.03	.53	.60	T						.69									.
MERRILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
OAKLAND 1 SE	3.76		.11	.02		.19	.39	.03					.01	.92	.73	.35	T				.01	.05	.07	T						.88		.
SAVAGE RIVER DAM	2.67			.32	.05	.13	.51	.02	.13				T	T	.55	.48		T				T	.48	T	T		T			T	T	.

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	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	1.81			.78	.13	.07	T	.18		.54					.07	T	T												.04			
NEWARK UNIVERSITY FARM	3.07			.46		T		.09							.12	.03	.23					.43					.13	1.58				
WILMGTON NCASTLE WSO	2.50		.26	.47			.04	T	T				T		.14	.03	.13					.21			T		1.22		T	T	T	
WILMGTON PORTER RESVR	1.36		.02	.75			.06	.02							.12	.02	.37												T	T		
* * *																																
SOUTHERN 02																																
BRIDGEVILLE 1 NW	1.65			.34	.04		T	.04	.08				.14			T	.11						.04				.86					
DOVER	1.88			.26	1.32			.05		.17			.01		.04	.02	T												.01			
GEORGETOWN 5 SW	2.63	.02		.31	.50				.13				.40			.01	.05	.02			.15		.74					.30				
LEWES 1 SW	.29			.15			T	.05					T		T	T					.03	.06	T				T					
MILFORD 2 WSW	1.54			.24	.42			.32	.04	.07			.07		T		.02				.11		.25									
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
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
BALTIMORE WSO MD	21	1.2	7.0	34	SW	03	80	82	56	64	5	0	5	1	1	0	12	58	6.5
WILMGTON NCASTLE WSO DEL	19	1.6	8.0	21++	31	21+	85	83	55	71	7	2	5	0	1	0	15	-	6.8

SPECIAL WEATHER SUMMARY

Warm, humid weather during the last 11 days of June brought monthly temperature averages mostly near normal to 2° above normal. Rainfall was below normal to much below normal except for a few scattered near normal totals especially in southern Charles and northern St. Mary's Counties. The least totals were found along the Atlantic Coast and included those from Lewes, Delaware, and Assateague Island, Maryland. The 0.29-inch total at Lewes was a record-breaking June minimum at this station. Little or no measurable rainfall was recorded for many stations during the last two weeks of the month.

As indicated by the records of the area's first-order National Weather Service stations, June was cloudier than normal. At Baltimore, the month's sky cover, based on the hours from sunrise to sunset, averaged 6.5 tenths; the long-term average is 5.8 tenths. Also, there were 6 clear, 9 partly cloudy, and 15 cloudy days; the long-term average is 9 clear, 12 partly cloudy, and 9 cloudy days.

The most damaging storm of the month included the thunderstorm during the afternoon of the 14th which struck parts of southeast Baltimore County, Anne Arundel County, and western Talbot County, causing one death and considerable damage by very strong, gusty winds and hail to golf-ball size. For further information on this and other storms during the month, see the NOAA Publication, STORM DATA.

W. J. Moyer
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National Weather Service Office
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See reference notes following Station Index.

DAILY TEMPERATURES

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	Average
MARYLAND																																	
* * *																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE STATE PARK	MAX																																
	MIN																																
CRISFIELD SOMERS COVE	MAX	72	76	79	82	85	83	87	87	85	77	78	78	78	80	78	65	75	76	78	82	85	85	82	82	85	85	87	87	84	86		81.0
	MIN	58	56	67	69	70	69	69	68	70	62	65	65	68	71	61	59	57	57	57	58	70	72	69	67	74	77	72	76	69	73		66.5
POCOMOKE CITY	MAX	78	77	84	90	88	88	93	90	89	79	88	82	84	82	72	64	76	77	81	83	90	89	79	87	90	89	90	91	82	92		84.1
	MIN	55	56	65	68	67	63	69	69	69	60	56	63	67	69	62	59	54	52	58	60	70	69	68	67	66	73	70	70	69	69		64.4
PRINCESS ANNE	MAX	80	78	82	89	87	86	91	89	88	80	81	80	83	80	77	65	78	78	81	83	88	88	80	87	89	89	90	90	85	90		83.7
	MIN	54	55	68	69	66	61	67	68	67	58	52	61	66	66	60	58	52	49	55	57	68	67	65	64	67	74	68	66	67	68		62.8
SALISBURY	MAX	77	77	82	88	86	86	92	90	87	80	80	80	82	79	68	67	72	78	81	83	87	87	79	88	88	88	89	88	85	90		82.8
	MIN	53	55	66	68	68	64	68	68	67	60	56	63	67	67	60	58	54	53	59	61	69	70	67	68	68	73	70	70	68	69		64.2
SALISBURY FAA AIRPORT	MAX	76	77	82	88	85	87	93	89	78	78	82	80	84	77	63	66	77	79	81	85	90	83	76	87	90	89	89	90	84	90		82.5
	MIN	55	57	68	69	64	63	68	70	64	58	55	61	67	63	60	58	53	52	57	58	71	68	68	69	67	73	71	69	70	70		63.9
SNOW HILL 4 N	MAX	73	73	82	88	83	87	93	89	85	77	81	81	84	78	65	65	74	76	80	82	88	85	75	84	87	89	86	91	81	88		81.7
	MIN	54	54	65	67	66	62	67	68	67	58	55	62	66	65	60	59	52	49	54	57	69	68	66	67	64	71	68	67	68	67		62.7
* * *																																	
CENTRAL EASTERN SHORE 02																																	
BLACKWATER REFUGE	MAX	77	77	81	81	90	92	92	91	90	78	80	81	78	80	80	69	77	79	83	85	87	89	88	87	88	93	91	90	90	87		84.4
	MIN	54	56	64	65	67	59	60	63	66	62	59	61	57	55	59	58	53	56	62	61	65	70	66	70	71	72	69	69	68	73		63.0
CAMBRIDGE 4 W	MAX	77	77	84	87	85	87	91	89	79	79	81	81	83	84	67	72	79	82	83	87	92	86	79	89	92	93	91	90	87	91		84.1
	MIN	54	56	64	65	65	67	65	69	66	59	57	64	67	66	60	57	51	52	57	59	68	72	67	65	68	72	69	70	68	70		63.6
DENTON 1 WNW	MAX	78	78	85	87	89	88	92	92	85	83	83	85	86	80	70	72	80	83	87	90	90	85	80	90	94	93	93	88	84	91		85.4
	MIN	53	55	65	65	65	64	63	68	63	63	63	64	67	61	58	56	51	51	58	61	65	67	69	65	69	71	70	69	68	70		63.2
EASTON POLICE BARRACKS	MAX	78	78	83	89	89	86	91	91	88	82	82	83	85	81	70	73	82	83	87	88	90	86	82	89	92	94	93	91	87	92		85.5
	MIN	55	55	64	66	66	66	64	69	66	62	57	64	67	67	59	57	53	52	52	62	62	70	67	65	70	73	70	71	67	69		63.6
PRESTON 1 S	MAX	78	78	82	88	86	85	90	89	83	83	83	80	83	80	67	72	82	82	85	87	90	85	80	89	91	93	92	87	85	90		84.2
	MIN	51	55	65	65	65	64	64	68	64	60	54	63	66	65	58	57	51	52	56	60	67	68	67	66	68	72	70	68	67	70		62.9
ROYAL OAK	MAX	77	77	83	88	85	85	90	88	85	79	82	81	81	85	67	74	79	80	83	83	89	87	83	87	89	91	89	90	88	89		83.8
	MIN	55	56	64	65	66	68	65	69	67	63	62	66	67	67	60	57	54	56	59	65	69	70	67	66	71	74	69	72	68	73		65.0
VIENNA	MAX	80	79	84	90	83	93	95	96	86	82	85	83	85	83	73	73	82	82	85	90	90	91	90	89	91	90	94	84	90	94		86.4
	MIN	57	57	68	68	65	61	71	64	65	62	57	57	65	67	62	58	54	55	59	65	69	68	68	70	72	68	70	64	69	71		64.2
* * *																																	
LOWER SOUTHERN 03																																	
CHARLOTTE HALL 2 SE	MAX	79	73	85	87	88	89	90	92	90	79	82	83	83	82	74	66	78	79	83	84	88	86	81	88	89	88	91	92	91	91		84.4
	MIN	56	55	59	65	66	65	64	65	63	55	55	65	66	67	61	57	52	53	57	52	67	69	68	67	67	67	68	70	70	70		62.7
LA PLATA 1 W	MAX	79	79	85	88	87	86	90	88	86	81	83	81	82	85	70	66	80	80	83	86	88	87	80	86	89	87	89	90	83	88		83.7
	MIN	54	57	64	62	60	63	63	66	62	55	53	65	64	64	60	57	53	55	57	62	66	66	68	66	64	69	67	68	69	70		62.3
LEONARDTOWN 3 NW	MAX	80	83	86	90	90	91	96	95	91	84	86	87	87	88	79	67	82	81	83	90	92	89	84	91	92	92	94	94	87	92		87.4
	MIN	59	54	60	63	62	65	62	65	63	53	51	66	63	62	59	56	50	51	54	59	66	67	66	69	63	66	62	60	67	67		61.0
OWINGS FERRY LANDING	MAX	74	76	84	89	87	86	92	90	79	80	83	82	83	82	68	69	78	80	83	85	90	85	81	89	90	91	90	88	83	89		83.5
	MIN	55	56	64	65	63	65	63	63	62	58	57	56	64	64	57	56	53	54	55	63	66	66	67	65	67	70	67	68	68	68		62.2
PRINCE FREDERICK 1 N	MAX	71	74	84	87	84	86	90	89	88	77	82	83	83	80	74	65	76	77	81	84	90	86	81	85	90	90	88	87	85	88		82.8
	MIN	56	54	64	64	63	66	62	66	64	57	53	66	65	65	60	57	51	51	56	60	68	68	68	65	68	70	68	71	69	71		62.9
SOLOMONS	MAX	77	74	87	88	93	88	84	95	92	77	86	90	86	86	78	65	76	75	80	85	94	90	85	85	92	94	93	92	83	90		85.3
	MIN	59	59	64	68	71	73	66	67	67	63	61	70	71	67	63	58	58	61	66	70	72	71	71	71	71	78	78	78	70	73		67.8
WALDORF POLICE BRKS	MAX	82	78	85	90	90	90	89	95	90	86	84	84	83	85	82	64	77	78	87	86	90	90	82	92	90	91	90	90	85	89		85.8
	MIN	55	53	65	63	63	68	62	63	63	59	53	65	64	65	60	52	52	52	55	55	67	67	68	65	64	67	67	68	69	69		61.9
* * *																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS USN ACADEMY	MAX	73	72	79	85	83	84	88	92	92	77	78	80	84	82	80	70	76	80	80	83	90	91	85	84	89	89	87	86	86	87		83.1
	MIN	60	58	69	65	65	68	65	66	67	64	60	68	66	69	62	58	59	60	62	67	70	71	70	71	70	73	72	72	70	73		66.3
BALTIMORE WSO	MAX	75	75	84	88	87	89	90	89	78	79	83	82	83	80	64	71	78	81	83	86	89	84	84	91	94	91	91	88	81	92		83.7
	MIN	55	57	63	62	65	65	62	68	66	61	58	67	65	63	61	58	54	57	60	65	68	69	66	68	68	72	69	72	71	72		64.3
BELTSVILLE	MAX	80	78	75	85	86	86	86	90	88	76	79	84	81	82	82	62	71	78	80	81	86	87	84	82	88	91	91	91	86	82		82.6
	MIN	50	54	59	60	60	61	59	64	60	56	53	64	64	63	59	56	51	52	60	64	63	66	65	64	63	65	61	67	67	69		60.6
BELTSVILLE PLANT STA 5	MAX	81	80	76	85	88	88	88	92	89	77	80	83	81	83	85	62	71	78	80	82	87	89	85	83	90	91	91	91	89	88		83.8
	MIN	50	54	60	60	60	63	61	65	62	59	53	68	64	65	60	58	51	53	56	62	66	65	64	64	63	68	66	67	69	69		61.5
COLLEGE PARK	MAX	79	78	86	89	89	89	93	92	90	80	85	84	84	85	74	72	80	82	83	89	90	89	85	90	94	93	91	88	84	91		85.9
	MIN	53	56	64	64	64	64	62	68	64	59	56	69	66	66	59	57	54	56	58	65	70	69	66	66	65	68	68	69	68	70		63.4
DALECARLIA RESVR D C	MAX	82	79	86	89	90	89	92	91	91	81	85	83	84	87	75	71	87	88	84	90	88	87	86	89	92	96	91	92	90	95		87.0
	MIN	54	53	64	63	61	61	61	67	64	58	55	68	64	65	61	57	56	56	60	66	69	67	67	64	66	66	69	71	69	71		63.1
FORT GEORGE G MEADE	MAX	81	75	83	88	87	88	92	89	88	81	83	82	83	82	72	72	80	80	88	86	88	86	84	90	91	92	91	90	88	90		85.0
	MIN	51	56	61	60	59	61	60	65	62	56	52	65	62	65	59	56	52	53	55	62	65	66	63	65	64	69	67	66	69	70		61.2
GLENN DALE BELL STA	MAX	81	77	85	88	88	88	92	90	90	80	83	84	83	83	70	72	79	80	82	87	89	89	84	90	91	91	91	91	86	91		85.2
	MIN	48	54	62	60	58	61	59	65	60	54	53	65	63	63	60	57	51	53	54	60	66	65	65	65	63	69	70	67	70	70		61.0
LAUREL 3 W	MAX	80	73	85	86	86	86	91	89	86	80	84	82	82	84	76	71	79	80	81	86	87	85	85	89	91	89	90	89	83	88		84.1
	MIN	59	53	62	67	66	66	62	66	64	58	59	66	66	65	59	56	55	53	60	65	66	68	66	67	70	70	68	68	68	71		63.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

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	Average
MARYLAND																																	
NATIONAL ARBORETUM D C	MAX	81	78	84	90	89	88	91	90	89	81	83	82	84	87	76	71	79	81	85	86	90	88	88	91	92	93	93	92	88	90		86.0
	MIN	54	56	62	63	61	64	62	67	64	59	58	63	65	65	60	57	54	57	58	64	69	70	76	67	70	72	68	67	69	72		63.8
SUITLAND	MAX	81	79	77	82	88	86	84	90	88	78	81	82	81	82	82	63	69	78	79	82	85	88	85	83	89	89	91	89	86	82		82.6
	MIN	57	57	58	62	64	65	62	66	64	60	57	64	63	67	60	57	55	57	58	64	68	68	69	66	69	71	69	71	68	68		63.5
U. S. SOLDIERS HOME DC	MAX	80	77	84	89	88	87	92	90	78	83	83	82	85	86	64	72	80	82	87	90	88	85	84	90	91	92	92	87	84	90		84.7
	MIN	56	58	64	66	64	67	64	66	66	62	63	67	64	62	58	58	57	62	64	68	70	70	72	72	71	74	74	69	69	74		65.7
UPPER MARLBORO 3 NNW	MAX	80	79	75	85	89	87	87	92	90	76	80	85	82	85	84	64	70	78	80	83	87	89	84	82	90	92	92	90	85	82		83.5
	MIN	54	54	60	62	63	63	61	65	63	56	54	64	63	66	60	58	52	53	55	60	66	66	66	65	64	70	67	67	68	64		61.6
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX	77	78	83	86	84	84	90	88	79	81	81	82	82	77	67	74	80	82	84	88	88	88	84	88	89	92	90	90	84	89		83.6
	MIN	52	55	65	62	62	62	62	68	65	59	55	64	66	67	58	55	50	51	50	60	66	68	65	64	66	65	66	70	67	71		61.9
CHESTERTOWN	MAX	77	75	81	87	84	83	88	88	80	79	82	81	83	79	65	73	79	82	83	86	87	86	81	90	88	91	90	88	81	88		82.8
	MIN	50	55	63	62	62	64	62	66	63	59	60	65	65	60	57	54	52	53	57	63	68	67	64	65	70	73	67	68	66	69		62.3
COLEMAN 3 WNW	MAX	77	75	79	87	86	85	90	90	85	80	85	86	87	80	66	74	81	85	85	88	91	86	83	88	95	90	91	90	85	95		84.8
	MIN	52	55	64	63	62	65	62	67	65	61	61	65	66	66	58	53	53	54	57	63	65	68	65	65	66	73	68	72	67	69		63.0
EASTERN NECK ISLAND	MAX	74	72	80	86	86	83	86	87	86	77	79	79	81	81	70	71	77	79	79	83	86	86	83	85	87	89	88	88	86	87		82.0
	MIN	57	55	65	65	67	69	65	69	67	63	64	68	69	67	59	56	55	57	60	67	73	71	68	69	73	75	72	73	68	74		66.0
MILLINGTON	MAX	76	75	83	85	85	85	90	88	83	80	83	85	84	78	66	73	79	80	85	88	88	86	82	89	91	90	90	88	83	89		83.6
	MIN	47	54	61	58	58	62	60	65	62	59	54	60	62	63	56	53	49	48	53	60	64	63	60	64	65	69	73	68	65	67		60.1
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX	74	73	80	85	82	83	87	89	88	79	88	80	82	79	66	71	78	82	81	84	84	83	82	88	89	87	87	87	87	88		82.4
	MIN	53	56	63	62	64	65	61	66	65	61	58	66	64	66	58	54	52	55	58	66	69	68	67	68	68	71	68	70	66	70		63.3
BALTIMORE CITY WSO	MAX	76	74	86	90	86	89	93	91	79	79	83	86	86	80	63	73	78	82	84	86	90	87	84	89	93	91	93	92	80	92		84.5
	MIN	58	60	66	68	70	70	69	70	67	63	65	69	70	62	59	56	62	65	66	69	70	72	72	72	74	76	74	72	71	75		67.7
BENSON POLICE BARRACKS	MAX	79	78	84	86	86	85	91	90	90	80	82	83	83	83	68	74	80	82	83	85	87	86	85	89	90	90	88	89	89	87		84.4
	MIN	53	50	63	61	62	62	61	65	62	59	55	63	61	66	51	53	53	53	57	64	65	62	63	64	66	69	66	71	65	67		61.1
BOYDS 2 NW	MAX	79	77	83	86	86	85	89	86	86	77	81	77	79	83	73	68	77	80	81	84	84	83	82	87	88	87	87	89	87	90		82.7
	MIN	53	56	61	64	64	63	60	63	61	56	55	64	64	62	58	54	57	61	58	63	66	66	62	64	65	68	68	67	67	70		62.0
CATOCTIN MOUNTAIN PARK	MAX	78	74	79	83	80	84	84	83	83	73	79	80	73	79	67	62	73	77	77	81	82	78	80	83	84	83	84	84	84	85		79.2
	MIN	47	55	59	64	61	63	60	62	57	53	58	62	62	62	54	50	54	56	58	63	64	62	63	63	63	63	67	66	64	68		60.1
CLARKSVILLE 3 NNE	MAX	80	78	84	87	88	86	90	89	88	79	84	81	82	82	71	69	78	78	81	86	85	83	82	88	90	89	89	88	88	89		83.7
	MIN	51	52	61	57	58	61	59	64	62	56	50	65	61	60	57	54	50	50	54	60	61	62	60	62	62	66	60	65	68	68		59.2
CONOWINGO DAM	MAX	75	70	81	85	82	83	87	91	79	78	81	86	84	79	65	74	79	81	84	88	89	86	84	88	92	92	88	88	78	88		82.8
	MIN	54	56	63	59	63	63	60	64	66	61	55	64	63	61	58	53	53	51	57	64	65	66	63	65	65	69	65	69	67	70		61.7
ELKTON	MAX	77	75	82	87	86	84	88	90	87	80	82	84	83	82	65	75	81	82	84	88	86	86	85	90	91	90	90	90	88	87		84.2
	MIN	45	55	60	55	60	62	60	65	64	55	54	63	64	64	57	50	50	50	54	60	63	65	62	65	66	70	64	68	65	68		60.1
EMMITSBURG 2 SE	MAX	76	76	79	88	83	86	90	83	82	79	83	80	80	85	62	70	79	81	76	87	83	85	85	90	90	90	89	89	78	90		82.5
	MIN	47	50	54	55	56	55	56	57	61	52	50	60	62	61	57	54	56	52	54	60	61	60	65	60	63	63	65	62	68	69		58.2
FREDERICK WFMD	MAX																																
	MIN																																
PARKTON 2 SW	MAX	77	68	81	84	81	83	89	86	75	77	81	82	81	78	59	68	76	77	80	82	85	83	82	87	88	88	87	86	76	86		80.4
	MIN	49	53	62	60	62	61	58	64	61	55	52	61	61	59	54	50	52	52	55	62	63	65	59	61	65	68	65	69	65	66		59.6
ROCKVILLE 4 NE	MAX	80	77	84	87	87	87	91	88	88	80	83	82	81	85	75	76	80	81	84	86	87	85	84	89	90	91	91	90	89	93		85.0
	MIN	47	54	62	56	56	59	57	57	61	55	49	60	59	60	57	54	50	50	50	61	65	61	58	60	60	65	62	63	67	68		58.1
TOWSON	MAX	80	73	83	86	85	85	90	88	87	78	81	83	82	79	65	72	78	80	83	84	86	85	84	89	90	90	88	88	87	89		83.3
	MIN	54	56	64	65	65	66	63	67	64	59	58	65	66	65	57	54	56	57	61	68	69	68	66	66	71	73	70	72	67	71		64.1
UNIONVILLE	MAX	74	67	81	85	84	84	87	85	77	88	81	78	79	83	62	68	76	80	81	84	83	83	83	86	88	88	87	85	84	88		81.3
	MIN	46	55	61	56	54	60	62	62	53	58	49	65	58	59	57	54	56	53	54	60	61	64	59	60	62	68	66	64	67	69		59.1
WESTMINSTER 2 SSE	MAX	76	74	81	83	83	84	89	86	83	78	82	79	79	82	62	70	77	78	81	84	83	83	83	87	88	86	88	88	82	88		81.6
	MIN	50	56	63	60	61	62	59	65	61	54	50	63	62	62	55	52	53	51	55	65	65	66	58	61	68	71	67	70	65	70		60.7
WHEATON REGIONAL PARK	MAX	78	76	83	85	84	83	88	85	84	78	81	79	79	83	72	68	79	81	80	85	88	84	80	87	88	89	87	90	86	85		82.5
	MIN	48	56	55	61	61	63	60	64	61	56	54	66	63	64	59	55	54	53	57	63	64	65	63	63	63	68	67	66	66	70		60.9
WOODSTOCK	MAX																																
	MIN																																
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	MAX	78	74	82	86	85	86	88	86	83	78	82	76	75	82	69	66	77	79	81	84	82	83	84	87			88	88	82	90		81.5
	MIN	48	58	59	64	59	63	62	64	61	52	56	65	61	61	59	53	57	58	60	65	65	54	63	63			66	67	69	70		60.8
CHEWSVILLE BRIDGEPORT	MAX	80	75	84	87	86	87	87	87	84	80	84	80	78	83	74	67	76	78	83	86	84	84	85	89	89	89	89	91	85	90		83.4
	MIN	48	55	56	56	54	60	58	64	62	51	51	62	59	61	60	56	59	56	56	61	64	64	60	59	65	69	64	64	70	70		59.8
CUMBERLAND	MAX																																
	MIN																																
CUMBERLAND POLICE BRKS	MAX	80	80	81	89	89	90	90	88	86	78	85	84	77	87	77	62	77	80	86	84	83	81	85	87	91	91	90	93	95	92		84.6
	MIN	50	52	58	57	56	59	55	62	59	49	50	60	57	56	60	55	57	54	57	61	62	60	61	60	60	68	63	64	67	69		58.6
FROSTBURG	MAX	76	75	76	81	84	85	81	85	79	82	82	80	76	81	79	59	71	77	81	80	82	79	82	85	86	85	87	90	89	89		80.8
	MIN	49	54	58	59	58	61	58	56	52	58	55	52	61	60	56	55	54	53	57	56	60	57	59	55	59	64	61	64	65	64		57.7
HAGERSTOWN	MAX	82	78	84	88	87	88	87	88	86	80	84	81	76	84	74	66	78	81	83	87	85	83	85	90	90	89	90	92	88	92		84.2
	MIN	51	59	57	63	59	64	62	64	61	54	55	65	62	63	59	55	60	56	61	65	66	65	64	64	66	70	67	69	70	70		62.2

See Reference Notes Following Station Index

DAILY TEMPERATURES

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	Average
MARYLAND																																	
HANCOCK FRUIT LAB	MAX	81	77	66	83	88	87	88	88	87	76	79	82	72	77	80	62	64	77	81	82	86	80	82	84	88	89	88	88	92	81		81.2
	MIN	47	55	59	55	54	60	57	61	61	52	49	62	58	59	60	55	58	53	55	58	62	63	63	61	61	67	64	65	71	69		59.1
PICARDY	MAX																																
	MIN																																
WESTERNPORT UPRC	MAX	79	75	82	90	89	90	87	87	84	81	86	82	81	86	82	64	79	82	85	86	85	83	86	90	92	88	92	96	94	92		85.2
	MIN	47	53	57	57	55	63	57	60	62	52	52	61	60	61	59	56	58	58	60	60	62	60	61	57	61	68	66	63	67	67		59.3
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX	75	70	75	79	77	79	78	76	70	72	76	69	71	75	68	58	70	71	75	78	75	74	75	77	79	76	80	84	82	82		74.9
	MIN	47	52	54	55	54	58	55	62	50	45	40	57	55	50	55	51	58	52	58	57	60	54	55	55	55	63	61	63	62	61		55.1
MCHENRY 2 NW	MAX	73	77	72	76	79	78	80	80	78	67	75	78	70	73	75	72	65	72	77	78	82	76	75	79	79	82	78	81	88	87		76.7
	MIN	50	55	56	59	57	58	56	62	50	47	47	50	60	58	59	52	52	55	57	59	54	57	57	58	60	63	62	63	63	64		56.7
OAKLAND 1 SE	MAX	78	74	75	80	78	81	80	79	69	75	80	73	73	78	73	65	74	75	80	83	78	78	79	81	83	79	84	88	88	84		78.2
	MIN	41	55	52	52	53	57	50	60	54	45	48	56	60	61	58	53	54	49	57	58	60	58	52	50	52	64	62	57	58	63		55.0
SAVAGE RIVER DAM	MAX	77	74	71	79	83	83	84	84	82	72	76	82	71	85	80	65	60	73	77	80	82	80	80	83	82	85	81	87	90	89		79.2
	MIN	43	51	53	56	56	58	56	60	57	47	50	54	60	60	61	55	54	56	56	57	59	59	57	55	55	61	64	63	65	64		56.7
DELAWARE																																	
* * *																																	
NORTHERN 01	MAX																																
	MIN																																
MIDDLETOWN 1 WSW	MAX	75	74	84	86	87	85	89	89	89	79	84	85	85	77	67	78	80	81	85	88	88	84	85	89	92	91	90	90	88	91		84.5
	MIN	50	56	62	62	62	64	62	66	63	60	57	64	65	64	58	54	51	53	56	62	65	66	62	66	67	71	67	70	67	68		62.0
NEWARK UNIVERSITY FARM	MAX	77	77	81	86	86	84	90	89	89	81	83	85	84	83	65	74	81	81	83	87	86	85	86	89	91	91	90	88	88	89		84.3
	MIN	50	55	62	61	63	63	61	66	64	59	55	65	64	62	57	50	50	50	55	63	65	66	64	66	68	72	65	70	65	69		61.5
WILMGTON NCASTLE WSO	MAX	77	72	82	85	85	83	88	90	80	80	81	85	85	75	68	75	80	79	81	84	85	86	84	89	92	88	88	89	79	89		82.8
	MIN	50	57	65	63	64	67	63	68	66	62	60	67	66	59	58	54	54	55	59	68	69	69	67	68	70	74	68	68	68	72		63.9
WILMGTON PORTER RESVR	MAX	80	73	83	85	85	85	91	90	78	82	85	87	84	73	65	75	81	80	84	85	86	86	84	89	91	90	88	86	79	87		83.2
	MIN	52	54	63	63	65	63	62	66	63	60	62	63	64	60	56	52	52	54	57	66	67	67	67	68	65	67	66	64	64	69		62.0
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	78	75	83	86	84	86	93	92	89	78	83	83	86	78	66	70	79	80	85	86	91	86	76	90	90	92	90	87	85	89		83.9
	MIN	53	55	65	65	65	64	63	68	65	59	54	64	66	63	58	58	50	49	55	60	68	68	66	64	68	73	69	70	67	69		62.7
DOVER	MAX	75	73	82	86	86	83	90	89	90	77	80	82	84	82	66	70	74	76	88	82	88	87	82	87	90	90	87	89	89	91		83.2
	MIN	49	53	61	63	65	64	65	67	64	59	57	63	65	63	57	52	61	50	55	55	65	68	64	64	69	72	69	71	67	67		62.1
GEORGETOWN 5 SW	MAX	72	71	75	82	85	82	81	92	90	80	77	82	81	84	75	66	69	75	79	82	84	89	79	72	87	89	90	89	87	85		81.0
	MIN	53	54	65	65	66	63	64	68	65	60	55	62	66	66	58	58	51	49	55	58	68	68	66	65	68	73	68	69	68	68		62.7
LEWES 1 SW	MAX	66	69	84	83	78	80	87	91	78	74	78	84	85	74	64	66	71	75	78	82	89	80	71	84	90	90	85	89	79	89		79.8
	MIN	56	53	64	63	63	63	63	67	66	66	55	63	65	62	58	58	52	50	54	61	68	68	65	66	68	73	68	68	67	67		62.7
MILFORD 2 WSW	MAX	73	75	84	86	85	86	90	89	88	75	84	84	87	80	65	70	76	79	82	85	90	87	78	90	92	93	87	88	82	92		83.4
	MIN	50	55	65	64	64	64	72	69	63	59	55	63	66	65	59	58	50	49	54	61	68	68	66	67	70	73	70	71	68	69		63.2
SELBYVILLE	MAX																																
	MIN																																

See Reference Notes Following Station Index

EVAPORATION AND WIND

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	Total or Avg.
MARYLAND																																	
* * *																																	
UPPER SOUTHERN 04																																	
BELTSVILLE	EVAP	.17	.41	.19	.23	.27	.12	.53	.66	.31	.24	.20	.19	.23	.17	.26	.02	.13	.27	.29	.16	.31	.23	.24	.16	.25	.30	.23	.30	.38	.10		7.55
	WIND	38	27	44	24	30	15	27	27	58	47	21	33	42	54	61	40	23	27	45	30	43	46	35	38	25	36	39	25	43	37		1080
	MAX	84	89	76	89	94	95	95	97	94	86	82	91	82	97	90	75	82	90	94	97	95	90	91	85	94	94	93	95	89	85		89.7
	MIN	59	61	63	66	69	69	68	69	67	55	64	65	67	68	68	58	58	61	63	64	68	70	70	70	70	71	61	73	71	71		65.9
UPPER MARLBORO 3 NNW	EVAP	.18	.17	.21	.11	.42	.20	.22	.15	.33	.17	.20	.27	.24	.10	.10	.06	.09	.24	.24	.19	.14	.33	.20	.16	.09	.30	.06	.23	.13	.09		5.62
	WIND	35	29	40	37	33	19	25	30	43	35	22	48	25	27	41	32	18	17	44	17	19	28	23	21	16	50	25	14	24	19		856
	MAX	85	89	80	92	96	96	96	99	97	82	90	93	90	87	94	66	76	92	90	92	98	94	91	87	95	94	98	97	97	97		91.0
	MIN	53	63	64	68	69	71	70	70	69	64	63	65	64	67	62	59	58	63	59	63	62	72	72	71	72	72	74	75	72	71		66.6
* * *																																	
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	EVAP	.25	.22	*	.18	.23	.20	.20	.00	.45	.17	.08	.18	.23	.14	.31	.02	.06	.14	.19	.02	.37	.40	-	-	-	.27	.21	.12	.13	.25		5.58B
	WIND	87	33	30	44	66	46	62	32	154	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MAX	81	85	72	79	85	86	89	87	88	78	89	88	72	80	87	68	62	83	85	90	88	80	89	91	90	91	91	94	95	95		84.6
	MIN	50	53	57	59	66	63	60	60	61	56	56	62	61	64	63	62	58	59	60	64	62	69	62	60	60	64	67	68	70	69		61.5
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	EVAP	.18	.07	.24	.18	.24	.19	.10	.33	.26	.10	.22	.28	-	.07	.09	.07	.13	.37	.27	.28	.20	.16	.22	.19	.16	.30	.33	.08	.32	.12		5.95B
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	37	67	46	17	23	24	21	29	30	18	26	38	31	20	22	48	26		-
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	75	76	68	81	89	89	92	93	92	93	94	93	100	95	95	94	90	92		-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	73	65	56	54	61	65	62	67	71	69	71	71	72	71	69	75	65	70		-
* * *																																	
SOUTHERN 02																																	
GEORGETOWN 5 SW	EVAP	.08	.25	*	.63	.07	.49	.21	.25	.73	*	.38	.34	.19	.19	.10	.08	.11	.24	.25	.21	.21	.23	.28	.06	.18	.26	.20	.18	.17	.13		6.70
	WIND	36	55	*	193	48	54	47	70	104	*	87	96	100	49	85	63	36	28	38	36	51	67	42	27	36	95	30	23	52	31		1679

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
JUNE 1971
DELAYED DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	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
MARYLAND																							
* * *																							
OCTOBER 1969																							
FREDERICK WFMO	66.5	43.6	55.1	- .5	81	21+	21	24	317	0	0	7	0	1.63	- 1.50	1.30	2	.0	0		2	1	1
* * *																							
NOVEMBER 1970																							
BLACKWATER REFUGE	59.5	40.7	50.1		71	12+	21	24	438	0	0	6	0	3.19		1.46	15	.0	0				1
MCHENRY 2 NW	45.6	32.8	39.2		60	23	4	25	763	0	3	13	0			.52	3	1.0	1	25+	7	1	0
* * *																							
DECEMBER 1970																							
MCHENRY 2 NW	37.5	22.7	30.1		60	2	5	27	1074	0	12	24	0	4.97		1.36	22	18.0	8	28	12	4	1
U. S. SOLDIERS HOME DC	46.8	31.6	39.2		74	2	19	29+	796	0	1	16	0	3.60		1.07	16	5.0	5	31	6	3	1
WALDORF POLICE BRKS	48.9	29.1	39.0		74	2	12	29	796	0	0	18	0	3.34		1.15	22	T	T	31	7	2	2
* * *																							
MAY 1971																							
BLACKWATER REFUGE	73.4	52.3	62.9		85	20	38	3+	109	0	0	0	0	8.72		2.05	16	.0	0		13	7	3
PICARDY	70.9	46.7	58.8		89	19	35	23+	208	0	0	0	0	5.28		1.25	20	.0	0		10	4	2

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
DECEMBER 1970	MONTHLY SUMMARIZED STATION & DIVISIONAL DATA	LOWER SOUTHERN 03	SOLOMONS	PRECIPITATION DEPARTURE FROM NORMAL .3

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																																
* * *																																
OCTOBER 1969																																
FREDERICK WFMO	1.63		1.30						.25								T					.08										
* * *																																
NOVEMBER 1970																																
BLACKWATER REFUGE	3.19				.26	.10					.17	.45	.12		.06	1.46					*	.57										
MCHENRY 2 NW	-	.22		.52	.11	.22	.05					.02		.07	.07	.29	.12					-		.04	.02	.01				.07	.28	
POTOMAC FILTER PLANT	-	.03		.21	.36	-						-	-	.45		.83					-	-										
* * *																																
DECEMBER 1970																																
MCHENRY 2 NW	4.97					.16	.04	.15	T			.01	.69	.12	.10			.43	.20	T			1.36	.72	.50		.35	.03	.11	T	T	
U. S. SOLDIERS HOME DC	3.60			.02	.05							.10	.35				1.07	.02		T		.42	.82	.09	.08	.02	.03					.53
WALDORF POLICE BRKS	3.34				.15							T	.20	.05			.20	1.00				.34	1.15	.15	.08		.02					T
* * *																																
MAY 1971																																
BLACKWATER REFUGE	8.72			.22			.03	.20					.30	1.10	1.35		2.05	.10				.55	.40			T			.38	.35	.82	.67
PICARDY	5.28		.26	.06		.14	1.22	.10	.59					.81			.45				1.25	.14			T					T	.26	T

See Reference Notes Following Station Index

DAILY TEMPERATURES

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	Average
MARYLAND																																	
* * *																																	
OCTOBER 1969																																	
FREDERICK WFMD	MAX	75	73	75	72	71	64	70	73	73	72	70	76	78	77	60	65	65	60	69	81	81	63	53	48	58	61	60	52	50	58	60	66.5
	MIN	49	58	64	58	48	40	46	61	42	42	45	51	53	60	40	35	47	38	47	47	55	43	32	21	32	31	42	38	31	25	31	43.6
* * *																																	
NOVEMBER 1970																																	
BLACKWATER REFUGE	MAX	69	64	66	62	60	59	64	68	64	71	70	71	64	66	63	52	43	50	57	62	59	59	57	36	40	48	58	63	58	61		59.5
	MIN	56	56	50	47	42	44	38	43	45	45	58	58	54	43	52	41	28	24	35	37	44	34	33	21	24	25	31	33	40	40		40.7
MCHENRY 2 NW	MAX	52	51	55	44	39	38	49	55	56	52	50	54	58	45	45	39	25	37	38	50	51	42	60	20	17	37	51	50	52	57		45.6
	MIN	48	46	42	30	31	32	35	38	39	39	45	47	45	40	38	22	20	22	30	34	29	29	19	5	4	9	36	46	45	40		32.8
* * *																																	
DECEMBER 1970																																	
MCHENRY 2 NW	MAX	52	60	55	57	40	40	18	25	42	45	43	52	48	32	32	32	36	34	47	50	33	32	50	45	26	34	18	22	24	24	16	37.5
	MIN	36	40	38	38	22	12	14	12	22	34	34	35	32	23	18	20	24	26	26	29	25	26	32	17	10	7	5	13	12	13	10	22.7
U. S. SOLDIERS HOME DC	MAX	54	74	63	62	47	45	40	40	59	59	47	41	45	46	45	47	52	50	62	55	42	41	40	42	37	34	41	38	36	36	32	46.8
	MIN	38	49	45	36	29	27	24	24	35	39	31	37	35	36	31	31	40	36	36	39	32	34	36	28	26	20	19	23	19	20	25	31.6
WALDORF POLICE BRKS	MAX	61	74	68	62	49	46	40	41	60	59	51	52	43	45	45	42	54	55	64	62	49	43	45	43	42	35	40	37	36	36	38	48.9
	MIN	33	41	33	47	24	30	27	16	28	34	26	41	37	32	26	21	41	35	30	37	32	34	36	34	19	25	13	19	12	20	18	29.1
* * *																																	
MAY 1971																																	
BLACKWATER REFUGE	MAX	65	68	59	65	73	75	78	78	73	73	80	80	78	74	72	62	77	80	84	85	74	68	71	77	79	78	79	70	64	61	76	73.4
	MIN	38	45	38	45	43	61	58	58	42	46	50	53	62	32	51	51	55	52	60	57	55	48	52	48	68	64	54	56	51	50	57	52.3
PICARDY	MAX	68	62	51	62	74	71	60	68	71	72	78	75	68	74	69	64	76	87	89	83	73	67	73	71	82	72	69	64	60	65	81	70.9
	MIN	35	43	35	36	48	52	48	49	44	42	46	57	43	39	44	52	51	46	61	59	56	42	35	44	61	57	43	37	47	51	46	46.7

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	5P	5P			ROSS AVIATION INC.
ANNAPOLIS USN ACADEMY	0185	04	ANNE ARUNDEL	1	38 59	76 29	5	5P	5P			US NAVAL ACADEMY
ASSATEAGUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	7	6P	6P			ASSATEAGUE STATE PARK
BALTIMORE WSO	0465	04	ANNE ARUNDEL	3	39 11	76 40	148	MID	MID	C	HJ	NATL WEATHER SERVICE
*BALTIMORE CITY WSO	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	8AC		CHESTER H. GORDON
BELTSVILLE PLANT STA 5	0705	04	PRN. GEORGES	5	39 01	76 27	100	9A	9A	C		USDA PLANT IND. STA.
BENSON POLICE BARRACKS	0732	06	HARFORD	1	39 30	76 23	365	5P	5P			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	5P	5P			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	08	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 29	1810	4P	4P	C		CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	03	QUEEN ANNES	1	39 03	76 03	46	6P	6P			MARION G. LEIBY
CHARLOTTE HALL 2 SE	1644	03	ST MARYS	4	38 28	76 46	184	5P	5P			MRS. SUSAN M. 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 M. WOLFINGER
CLARKSVILLE 3 NNE	1862	06	HOWARD	4	39 15	76 56	365	5P	5P			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 57	90	5P	5P	C	H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	MID	MID		H	SUSQUEHANNA ELETRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	5P	5P			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	5P	5P			MD. STATE POLICE
DENTON 1 WNW	2523	02	CAROLINE	1	38 54	75 51	40	6P	6P		H	WAYNE A. CAWLEY
EASTERN NECK ISLAND	2691	05	KENT	1	39 01	76 14	20	5P	5P			EASTERN NECK WLDLF REF
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	5P	5P			MARYLAND STATE POLICE
EDGEMONT	2770	07	WASHINGTON	5	39 40	77 33	905		7A			LEE G. HARNE
ELKTON	2860	06	CECIL	1	39 37	75 50	40	6P	6P			H. W. BOUCHELLE
EMMITSBURG 2 SE	2900	06	FREDERICK	5	39 41	77 18	418	5P	5P		H	MRS. LUCILLE M. BEALE
FEDERALSBURG	3090	02	CAROLINE	1	38 41	75 46	20			C		SEWAGE TREATMENT PLANT
FORT GEORGE G MEADE	3230	04	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P		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	5P	5P		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	03	CHARLES	5	38 32	77 00	140	5P	5P		H	C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN. GEORGES	4	39 06	76 54	400	5P	7A			WASH. SUB. SANY. COMM.
LEONARDTOWN 3 NW	5201	03	ST. MARYS	5	38 19	76 40	110	5P	5P	C	H	RADIO STATION WKIK
LOCH RAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190		5P			CITY OF BALTIMORE
MCHENRY 2 NW	5832	08	GARRETT	7	39 35	79 22	2680	8A	8A			JOSEPH F. JOHENNING
MERRILL	5894	08	GARRETT	5	39 36	79 03	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	5	39 38	79 07	2590			C		ARCHIE BITTINGER
OAKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	5P	5P		H	LOGAN WEBER
OWINGS FERRY LANDING	6770	03	CALVERT	4	38 41	76 40	160	5P	5P		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	7140	01	WORCESTER	1	38 04	75 33	20	5P	5P		H	ROBERT R WESTFALL
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270		8A			WASH. SANITARY COMM.
PRESTON 1 S	7310	02	CAROLINE	1	38 42	75 55	50	6A	6A		H	FRANKLIN D. HUSBAUM
PRINCE FREDERICK 1 N	7325	02	CALVERT	1	38 33	76 35	135	5P	5P			STANLEY L. WATSON
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P	5P		H	MARYLAND ST COLLEGE FRM
ROCKVILLE 4 NE	7705	06	MONTGOMERY	5	39 07	77 06	320	5P	5P			WILLIAM R. HOPPER
ROYAL OAK	7800	02	TALBOT	1	38 43	76 11	10	6P	6P		H	J. L. SWAINE, JR.
SALISBURY	8000	01	WICOMICO	1	38 22	75 35	10	5P	5P			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 23	2040			C		PA. ELECTRIC CO.
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	6P	6P		H	CURTIS E. SHOCKLEY
SOLOMONS	8405	02	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 H. BROWN
TOWSON	8877	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	5P	5P			MD. STATE POLICE
WESTERNPORT UPRC	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 PURDUM
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P	5P			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	5P	5P			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	5P	5P		H	WILLIAM RAY
DOVER	2730	02	KENT	2	39 09	75 31	30	5P	5P		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 O. VOGL
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P		H	PIONEER HIBRED CORN CO.
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	5P	5P			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	5P	5P			L. WIRRIE LONG
WILMGTON *CASTLE 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
NEW STATIONS MARYLAND												
FEDERALSBURG	3090	02	CAROLINE	1	38 41	75 46	20			C		SEWAGE TREATMENT PLANT
DELAWARE												

‡ 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 101, Jull Hall, University of Maryland, College Park, Maryland 20740, or to any Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA MARYLAND AND DELAWARE."

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

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

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

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

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

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

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

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

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

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

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

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

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

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

+ And also on an earlier date or dates.

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

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

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

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

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

T Trace, an amount too small to measure.

V Includes total for previous month.

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

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

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

G "Soil Temperature" table.

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

J "Supplemental Data" table.

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

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

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

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

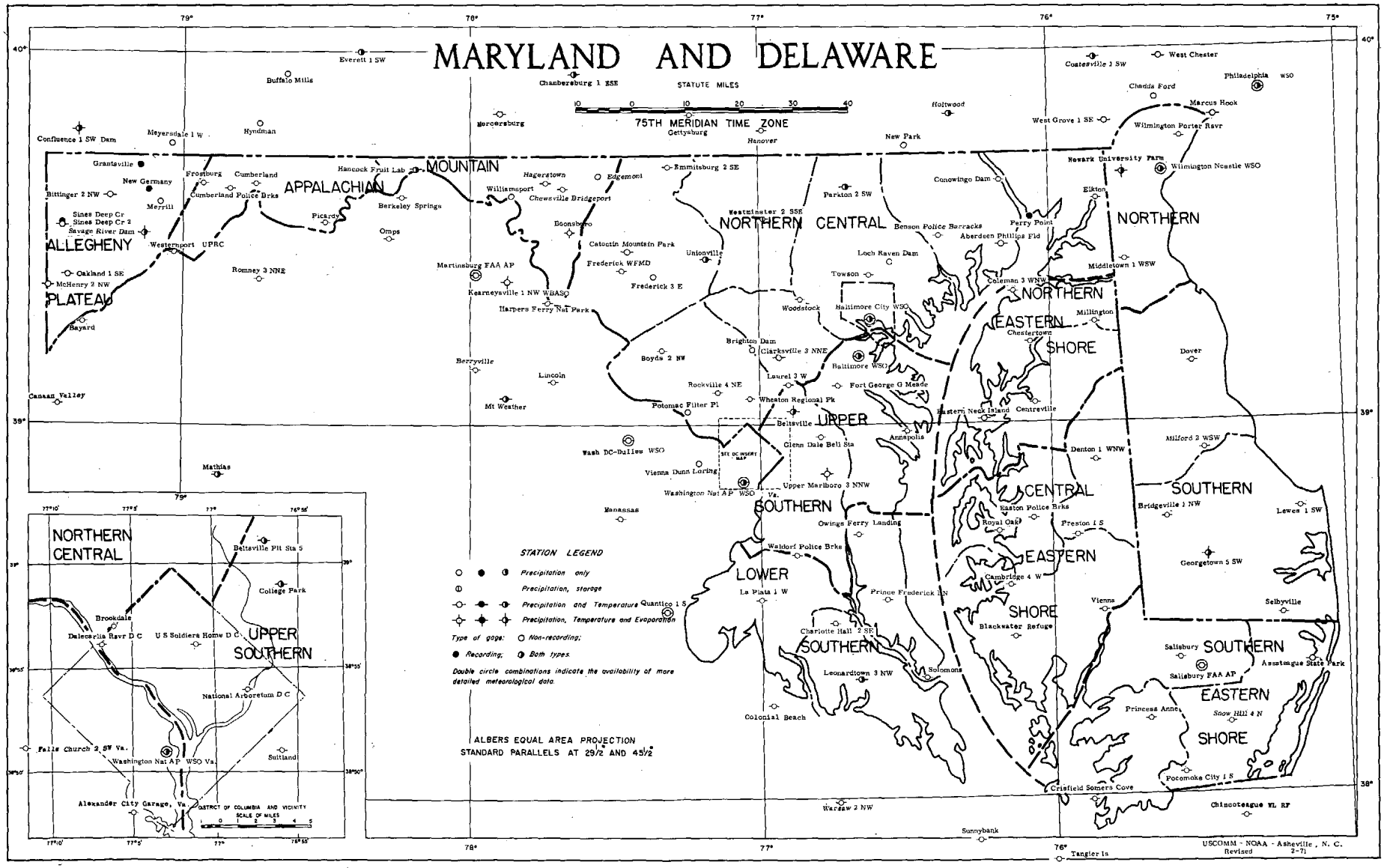
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE- 7/28/71-810


MARYLAND AND DELAWARE
STATUTE MILES
10 0 10 20 30 40
75TH MERIDIAN TIME ZONE
ALLEGHENY PLATEAU
APPALACHIAN MOUNTAIN
NORTHERN CENTRAL
NORTHERN
NORTHERN EASTERN SHORE
UPPER
CENTRAL
SOUTHERN
LOWER
EASTERN SHORE
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: Non-recording; Recording; Both types.
Double circle combinations indicate the availability of more detailed meteorological data.
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½ AND 45½
DISTRICT OF COLUMBIA AND VICINITY
SCALE OF MILES
Everett 1 SW
Buffalo Mills
Chambersburg 1 ESE
Mercersburg
Gettysburg
Hanover
Holtwood
New Park
Costesville 1 SW
West Chester
Philadelphia WSO
Chadds Ford
Marcus Hook
West Grove 1 SE
Wilmington Porter Rsvr
Newark University Farm
Wilmington Nesstle WSO
Confluence 1 SW Dam
Meyersdale 1 W
Hyndman
Grantsville
New Germany
Bittinger 2 NW
Merrill
Frostburg
Cumberland
Cumberland Police Brks
Hancock Fruit Lab
Hagerstown
Edgemont
Williamsport
Chewsville Bridgeport
Emmitsburg 2 SE
Parkton 2 SW
Conowingo Dam
Elkton
Sines Deep Cr
Sines Deep Cr 2
Savage River Dam
Westernport UPRC
Picardy
Berkeley Springs
Omps
Boonsboro
Catoctin Mountain Park
Westminster 2 SSE
Benson Police Barracks
Perry Point
Aberdeen Phillips Fld
Oakland 1 SE
McHenry 2 NW
Romney 3 NNE
Martinsburg FAA AP
Kearneysville 1 NW WBASO
Harpers Ferry Nat Park
Frederick WFMD
Frederick 3 E
Unionville
Loch Raven Dam
Towson
Coleman 3 WNW
Middletown 1 WSW
Bayard
Woodstock
Baltimore City WSO
Millington
Chestertown
Brighton Dam
Clarksville 3 NNE
Boyds 2 NW
Berryville
Lincoln
Baltimore WSO
Laurel 3 W
Fort George G Meade
Rockville 4 NE
Wheaton Regional Pk
Potomac Filter Pl
Mt Weather
Canaan Valley
Eastern Neck Island
Centreville
Dover
Beltsville
Annapolis
Glenn Dale Bell Sta
Wash DC-Dulles WSO
Vienna Dunn Loring
Washington Nat A P WSO
Upper Marlboro 3 NNW
Mathias
Manassas
Owings Ferry Landing
Waldorf Police Brks
Denton 1 WNW
Milford 2 WSW
Bridgeville 1 NW
Lewes 1 SW
Easton Police Brks
Royal Oak
Preston 1 S
Cambridge 4 W
Georgetown 5 SW
Selbyville
Vienna
Blackwater Refuge
La Plata 1 W
Prince Frederick 1N
Quantico 1 S
Charlotte Hall 2 SE
Leonardtown 3 NW
Solomons
Colonial Beach
Salisbury
Salisbury FAA AP
Assateague State Park
Princess Anne
Snow Hill 4 N
Pocomoke City 1 S
Crisfield Somers Cove
Chincoteague WL RF
Warsaw 2 NW
Sunnybank
Tangier Is
NORTHERN CENTRAL
Beltsville Plt Sta 5
College Park
Brookdale
Dalecarlia Rsvr D C
U S Soldiers Home D C
UPPER SOUTHERN
National Arboretum D C
Falls Church 2 SW Va.
Washington Nat A P WSO Va.
Suitland
Alexander City Garage, Va.
USCOMM - NOAA - Asheville, N. C.
Revised 2-71