

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JUNE 1982

VOLUME 86 NUMBER 6



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TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
JUNE 1982

MARYLAND
HIGHEST TEMPERATURE 92
LOWEST TEMPERATURE 42
GREATEST TOTAL PRECIPITATION 7.80
LEAST TOTAL PRECIPITATION 3.30
GREATEST 1 DAY PRECIPITATION 3.58

DELAWARE
HIGHEST TEMPERATURE 91
LOWEST TEMPERATURE 51
GREATEST TOTAL PRECIPITATION 7.64
LEAST TOTAL PRECIPITATION 3.15
GREATEST 1 DAY PRECIPITATION 3.00

JUNE 29+
JUNE 24

JUNE 2

JUNE 28
JUNE 25+

JUNE 5

3 STATIONS
OAKLAND 1 SE
PARKTON 2 SW
SNOW HILL 4 N
DENTON 2 E

3 STATIONS
2 STATIONS
LEWES
MILFORD 2 WSW
LEWES

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JUNE 1982

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											90 OR ABOVE MAX	32 OR BELOW MIN	32 OR BELOW MIN	0 OR BELOW MIN					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																								
SOUTHERN EASTERN SHORE 01																								
CRISFIELD SOMERS COVE	79.4	64.8	72.1	-2.8	86	7/28	54	8/4	3	221	0	0	0	0	5.70	2.47	1.57	5	.0	0		6	3	2
PRINCESS ANNE	80.9	63.6	70.3		86	7/28	54	8/4	3	173	0	0	0	0	4.53		1.95	3	.0	0		1	0	
SALISBURY	79.8	61.1	71.0	-2.2	86	7/28	54	8/4	3	194	0	0	0	0	3.69	.24	1.00	4	.0	0		9	3	
SALISBURY FAA AP	80.2	61.8	71.0		89	7/27	50	8/10	10	197	0	0	0	0	3.90		1.09	17	.0	0		8	4	1
SNOW HILL 4 N	79.6	60.3	70.0	-2.0	89	7/27	50	8/4	11	168	0	0	0	0	3.30	-1.55	1.35	4	.0	0		8	1	1
--DIVISIONAL DATA-->																								
CENTRAL EASTERN SHORE 02																								
CAMBRIDGE WTR TRMT PL																								
DENTON 2 E	81.3	58.9	70.1	-3.1	91	8/28	52	9/24	11	168	1	0	0	0	7.41	3.83	3.58	2	M	M		9	4	1
ROYAL OAK 2 SSW	79.6	63.6	71.6		88	8/28	53	9/12	5	211	0	0	0	0	4.30		1.25	13	.0	0				
VIENNA	82.5	61.7	72.1		89	8/30	50		4	223	0	0	0	0	6.16		1.89	4	.0	0		8	6	2
--DIVISIONAL DATA-->																								
LOWER SOUTHERN 03																								
LA PLATA 1 W	77.6	62.1	69.9	-2.5	87	8/28	55	9/24	7	159	0	0	0	0	6.29	2.68	1.82	13	.0	0		7	4	3
MECHANICSVILLE 1 SE	80.7	61.3	71.0		90	8/28	54	9/3	3	190	1	0	0	0	6.02		1.45	13	.0	0		10	5	3
OWINGS FERRY LANDING	79.8	60.1	70.0	-2.8	90	8/29	53	9/14	11	164	1	0	0	0	6.71	3.14	3.15	13	.0	0		9	4	2
PATUXENT RIVER	80.5	63.7	72.1		90	8/28	56	9/14	1	220	1	0	0	0	6.06		1.42	29	.0	0		6	5	4
SOLOMONS																								
--DIVISIONAL DATA-->																								
UPPER SOUTHERN 04																								
ANNAPOLIS POLICE BRKS	80.5	63.1	71.8	-1.7	88	8/28	54	9/14	5	216	0	0	0	0	5.72	2.22	1.70	13	.0	0		9	4	1
BALTIMORE WSO AP	78.4	60.3	69.4	-3.0	92	8/28	53	9/24	20	160	1	0	0	0	5.70	1.93	1.60	13	.0	0		5	4	3
BELTSVILLE	79.4	59.5	69.5		91	8/29	50	9/24	21	160	1	0	0	0	4.96		1.04	14	.0	0		9	6	2
COLLEGE PARK	79.9	62.1	71.0	-1.9	92	8/29	53	9/24	13	201	2	0	0	0	5.97	1.99	1.39	2	.0	0		9	5	2
DALECARLIA RESVR D C																								
GLENN DALE BELL STN	80.3	57.6	69.0	-2.8	90	8/28	48	9/24	20	145	1	0	0	0	5.48	1.39	1.70	13	.0	0		6	4	2
LAUREL 3 W	76.8	61.0	68.9		88	8/28	53	9/15	23	146	0	0	0	0	5.42		1.94	13	.0	0		8	5	1
NATIONAL ARBORETUM D C	80.2	61.4	70.8		91	8/29	53	9/24	15	197	2	0	0	0	5.55		1.07	14	.0	0		9	6	1
UPPER MARLBORO 3 NNW	79.5	59.9	69.7		90	8/29	50	9/24	16	166	1	0	0	0	4.60		1.40	14	.0	0		8	3	1
--DIVISIONAL DATA-->																								
NORTHERN EASTERN SHORE 05																								
CENTREVILLE	81.5	59.9	70.7		90	8/28	52	9/12	9	188	2	0	0	0	5.20		1.60	13	.0	0		7	4	1
CHESTERTOWN	79.5	61.7	70.6	-2.3	90	8/27	55	9/14	7	183	1	0	0	0	4.35	.55	1.41	16	.0	0		9	2	2
MILLINGTON 2 WNW	79.3	59.4	69.4	-2.6	89	8/28	48	9/24	19	158	0	0	0	0	4.43	1.26	2.02	13	.0	0		7	2	2
--DIVISIONAL DATA-->																								
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	79.3	60.3	69.8		86	8/28	52	9/24	10	162	0	0	0	0	6.20		2.37	14	.0	0		8	4	2
BALTIMORE WSO C1	80.6	65.8	73.2	-1.9	90	8/28	55	9/13	7	259	3	0	0	0	4.54	.70	1.87	13	M	M		6	3	2
BENSON POLICE BARRACKS	81.4	59.5	70.5		89	8/29	55	9/13	10	178	0	0	0	0	7.26		2.05	13	.0	0		10	6	3
BOYDS 2 NW	78.6	58.4	68.5		88	8/28	51	9/13	21	132	0	0	0	0	6.62		1.93	13	.0	0		1	9	3
CATOCTIN MOUNTAIN PARK	72.8	57.1	65.0		82	8/29	50	9/14	68	74	0	0	0	0	7.43		2.25	13	.0	0		10	4	3
CLARKSVILLE 3 NNE	80.2	58.2	69.2		90	8/28	49	9/24	17	146	1	0	0	0	5.04		2.13	13	.0	0		9	3	1
CONDWINGO DAM	77.3	59.0	68.2	-2.6	86	8/29	52	9/24	25	128	0	0	0	0	6.26	2.31	2.20	13	.0	0		9	5	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JUNE 1982

STATION	TEMPERATURE (°F)												PRECIPITATION (IN)												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX	MIN	90 OR ABOVE	32 OR BELOW					32 OR BELOW	0 OR BELOW	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE
DAMASCUS 2 SW	76.5	58.6	67.6		88	2/28	51	6	32	116	0	0	0	0	5.66		1.92	13		0			9	3	1
EMMITTSBURG 2 SE	78.7	55.2	67.0		87	2/29+	47	6	36	106	0	0	0	0	6.24		1.13	13		0			1	5	2
FREDRICK POLICE BRKS	80.4	60.3	70.4		91	2/28	53	6	15	185	2	0	0	0	6.82		1.87	13		0			11	5	2
PARKTON 2 SW	75.4	55.9	65.7		86	1/6	49	24+	56	82	0	0	0	0	7.80		1.65	13		0			10	6	3
ROCKVILLE 3 NE	80.6	55.0	67.8		90	2/28	44	25	27	119	1	0	0	0	4.96		2.10	13		0			7	4	1
TOWSON	79.3	62.9	71.1		87	2/27+	54	12	10	203	0	0	0	0	4.84	1.25	2.01	13		0			9	7	2
UNIONVILLE	78.5	56.9	67.7	-2.1	90	2/29	45	24	30	119	0	0	0	0	6.93	3.24	1.84	13		0			7	7	1
WESTMINSTER POLICE BRK	79.1	58.6	68.9		88	2/28+	50	13	27	151	0	0	0	0	5.54		1.90	13		0			7	5	2
WOODSTOCK	79.3	58.7	69.0	-1.7	90	2/28	50	24	19	146	1	0	0	0	4.93	1.28	2.16	13		0			5	3	2
--DIVISIONAL DATA----->			68.7	-2.4											6.07	2.38			0						
APPALACHIAN MOUNTAIN 07																									
CUMBERLAND 2	81.1	56.1	68.6		92	2/28	48	23	16	130	2	0	0	0	4.20		1.23	5		0			6	5	1
FROSTBURG 2	71.6	51.2	61.4		84	2/29	43	26+	136	34	0	0	0	0	5.41		1.47	5		0			8	5	1
HAGERSTOWN	79.6	58.8	69.2		90	2/28	51	24	19	151	1	0	0	0	6.01		1.83	13		0			9	3	3
HANCOCK FRUIT LAB	78.8	54.6	66.7		89	1/6	44	24	32	93	0	0	0	0	4.75	1.23	1.31	13		0			7	4	2
--DIVISIONAL DATA----->			66.5	-3.6											5.09	1.55			0						
ALLEGHENY PLATEAU 08																									
MC HENRY 2 NW	70.7	52.7	61.7		81	12/9+	45	20	121	28	0	0	0	0	5.13		1.07	5		0			13	5	1
OAKLAND 1 SE	73.2	51.8	62.5	-1.8	82	2/28	42	24	99	33	0	0	0	0	4.40	.12	1.88	5		0			11	4	0
SAVAGE RIVER DAM	73.3	53.1	63.2		85	2/28	44	24	88	42	0	0	0	0	4.09		1.33	5		0			8	4	1
--DIVISIONAL DATA----->			62.5	-1.9											4.54	.31			0						
DELAWARE																									
NORTHERN 01																									
MIDDLETOWN 1 WSW	78.7	60.0	69.4		88	2/28	53	25	12	149	0	0	0	0	4.06		1.82	13		0			9	1	1
NEWARK UNIVERSITY FARM	79.3	59.0	69.2	-2.1	90	2/28	52	24+	16	149	1	0	0	0	5.18	1.78	2.48	13		0			9	2	1
WILMINGTON WSO AP	78.9	60.8	69.9	-1.5	90	1/6	54	24+	12	163	1	0	0	0	4.70	1.46	2.41	13		0			9	1	1
WILMGTN PORTER RESVR	79.0	63.9	71.5	.8	90	2/28	55	25	5	207	1	0	0	0	6.29	2.77	1.98	13		0			10	4	2
--DIVISIONAL DATA----->			70.0	-1.4											5.06	1.71			0						
SOUTHERN 02																									
BRIDGEVILLE 1 NW	80.3	60.8	70.6	-1.6	91	2/28	52	8	9	183	1	0	0	0	5.44	1.72	1.15	4		0			9	5	1
DOVER	79.9	59.9	69.9	-3.0	89	2/28+	52	14	13	168	0	0	0	0	4.77	1.43	1.07	17		0			8	4	2
GEORGETOWN 5 SW	78.8	60.1	69.5		90	2/29	52	125+	26	168	1	0	0	0	4.09		1.30	4		0			9	3	3
LEWES	80.0	59.6	69.8		91	1/28	52	14+	19	170	1	0	0	0	7.64		3.00	5		0			8	2	1
MILFORD 2 WSW	79.7	60.1	69.9		91	2/28	51	24	21	175	1	0	0	0	3.15		1.17	4		0			8	2	1
--DIVISIONAL DATA----->			69.9	-2.2											5.02	1.36			0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JUNE 1982

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND.																
SOUTHERN EASTERN SHORE 01																
CRISFIELD SOMERS COVE	5.70	*	*	1.10		1.57	.98				.01			.30		
PRINCESS ANNE	4.53		.44	.95	.85	.02								.20	.25	
SALISBURY	3.69		.29		1.00	.58		.18						.28	.16	
SALISBURY FAA AP	3.90	.06		.27	.66	.68	.34	T						.75		
SNOW HILL 4 N	3.30		.33		1.35	.43	.02	.14						.17	.04	
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	M	-	-	-	.68	.48	-	.46	-	-	-	-	-	.72	.23	-
DENTON 2 E	7.41		3.58		1.03	.35		.06			T	T	.01	1.25		
ROYAL OAK 2 SSW	4.30		1.09		1.89	.88		.02						.75	1.18	
VIENNA	6.16		.61													
LOWER SOUTHERN 03																
LA PLATA 1 W	6.29	1.35	.01		1.77	.54		.34			.15		.02	1.82		
MECHANICSVILLE 1 SE	6.02	1.25		1.20		.65	.01	.20			.10	.04	.10	1.45	.50	
OWINGS FERRY LANDING	6.71		1.25		.74	.95	T				.15			3.15		
PATUXENT RIVER	6.06	1.09		1.40	.13	.67	.07	.05			.01		T	1.08		
SOLOMONS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	5.72		.90		.66	.93	.02	.44			T			1.70		
BALTIMORE WSO AP	5.70	.90		.40	.01	1.40	.07	T			.01	.01	.03	1.60		
BELTSVILLE	4.96	.12	1.02		.77	.50	.60	.12					.01	.64	1.04	
COLLEGE PARK	5.97		1.39		.76	.43	.44	.73			T	.13		.66	1.13	
DALECARLIA RESVR D C	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLENN DALE BELL STN	5.48		1.33		.79	.80	.02	.08			.06	T		1.70		
LAUREL 3 W	5.42	.66		.61	.72	.31					.09	T	T	1.94		
NATIONAL ARBORETUM D C	5.55		.99		.64	.44	.50	.75			T		.31	.67	1.07	
UPPER MARLBORO 3 NNH	4.60		.93		.57	.42	.27	.06				.09	.03	.40	1.40	
NORTHERN EASTERN SHORE 05																
CENTREVILLE	5.20		.48			.83		.05						1.60	.55	
CHESTERTOWN	4.35	.36	.02	.24	.04	.31	.10	T			T		.20	1.20	T	
MILLINGTON 2 WNW	4.43		.14		.28	.42		.14			T			2.02	.03	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	6.20	1.24	.49		.11			.79			T	.08			2.37	
BALTIMORE WSO CI	4.54	.70		.19		1.08						.08	.09	1.87		
BENSON POLICE BARRACKS	7.26		1.05		.15	1.24	.16				.01	.06		2.05		
BOYDS 2 NW	6.62	1.15			.66	1.04	.14	.01			.37	.02	.08	1.93		
BRIGHTON DAM	5.47	.35		.53		.71	.05				.25	T	.05	2.00		
CATOCTIN MOUNTAIN PARK	7.43	.05	.21	.45	.15	1.53		.04			.34	.07	.36	2.25	.02	
CLARKSVILLE 3 NNE	5.04		.33		.45	.61	.02	.15			.12	.01	T	2.13	.01	
CONOWINGO DAM	6.26	.82	.03	.16	.03	.93	.45	T			T	.05	.18	2.20		
DAMASCUS 2 SW	5.66	.68	.08	.32	.36	.86	.07	.02			.38	.05	.07	1.92		
EMMITTSBURG 2 SE	6.24		.20	.48	.25	1.54	T	.03			.45		.26	2.12		
FREDRICK POLICE BRKS	6.82	T	.60	T	.91	1.30	.19	T			.44	.30	.14	1.87		
FREDRICK 3 E	7.16		.91		.67	.64	.67	T			.02	.68	T	1.72	.78	
PARKTON 2 SW	7.80	1.61	.01	.38	.01	.79	.56				.09	.13	.21	1.65		
POTOMAC FILTER PLANT	5.43	.45		.41	T	1.07	.05				.30	T	.06	2.90	.02	
ROCKVILLE 3 NE	4.96	.60			.47	.76	.02	.11			.21	.05	.02	2.10	.01	
TOWSON	4.84		.08	T	.23	1.25	.05				.03		.11	2.01	.20	
UNIONVILLE	6.93	.78	.23	.67		.92	.09	.04			.65	T	.18	1.84		
WESTMINSTER POLICE BRK	5.54		.51		.50	.76	.03	.08			.29		.05	1.90		
WOODSTOCK	4.93		.32		.45	.54	.03	.09			.05		.13	2.16		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JUNE 1982

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																
SOUTHERN EASTERN SHORE 01																
CRISFIELD SOMERS COVE			.19	.03		.40									1.12	
PRINCESS ANNE			.65	.11	.11		.16								.79	
SALISBURY			.82	.11	.25										.02	
SALISBURY FAA AP		1.09		.02	.01	T	T									
SNOW HILL 4 N		T	.25	.33	.16		T							.02	.08	
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	-															
DENTON 2 E		.01	.56	.36	.03			.01							.29	
ROYAL OAK 2 SSW		.08	.30	.05							T				.08	
VIENNA			.05	.03	.13	.52									.10	
LOWER SOUTHERN 03																
LA PLATA 1 W		.07	.17					.01							.04	
MECHANICSVILLE 1 SE	.05		.35		.02										.10	
OWINGS FERRY LANDING			.13					.23							.11	
PATUXENT RIVER	.03			.04	.07									1.42		
SOLOMONS		-	-			-	-	-	-	-	-	-	-	-	-	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS		.06	.47					.28						.15	.11	
BALTIMORE WSO AP	R 1.22	T					.01	T						T	.04	
BELTSVILLE		.02						.10							.02	
COLLEGE PARK		.01	.02					.26							.01	
DALECARLIA RESVR D C																
GLENN DALE BELL STN		.07	.05					.26						.03	.29	
LAUREL 3 W	.59						.18								.32	
NATIONAL ARBORETUM D C		.02	.10					.03							.03	
UPPER MARLBORO 3 NNH			.18					.16							.09	
NORTHERN EASTERN SHORE 05																
CENTREVILLE		.45	.07					.07						.15	.95	
CHESTERTOWN	1.41	.23												.24	T	
MILLINGTON 2 WNW		1.06	.01			.01		.04				T		.28	T	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD		.27						T					.33	.52	T	
BALTIMORE WSO C1	R .42											.15			.04	
BENSON POLICE BARRACKS		.63											.32	.71	.88	
BOYDS 2 NW	.35	.33						.07						.20	.27	
BRIGHTON DAM	1.30												.03		.20	
CATOCTIN MOUNTAIN PARK		1.31	.55												.10	
CLARKSVILLE 3 NNE		.89		T				T					.05	.16	.11	
CONOWINGO DAM	.53	.58	T											.35		
DAMASCUS 2 SW	.23	.49					T							.04	.15	
EMMITTSBURG 2 SE		.71	.12										T		.08	
FREDERICK POLICE BRKS		.59						.38							.10	
FREDERICK 3 E		1.03	.01					.03								
PARKTON 2 SW	1.52	.16					.08					.53	.02	.02	.03	
POTOMAC FILTER PLANT	.07	T					.10									
ROCKVILLE 3 NE		.59	.01						.03						.01	
TOWSON		T											.65		.20	
UNIONVILLE	.01	.98						.02						.52	T	
WESTMINSTER POLICE BRK		1.33						.05				T			.15	
WOODSTOCK	.05	1.05						T						.03	.03	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JUNE 1982

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	4.20		T		.53	1.23	.03				.50	.05		.80	.25	
EDGEMONT	7.19		.31		.39	.29	.95	.04			.02	.47	.02	1.28	1.18	
FROSTBURG 2	5.41		.01		.97	1.47	.11	.02			.30	.76	.02	.73	.61	
HAGERSTOWN	6.01	.42	.09	.24	.05	1.32	T	.03			.25		.15	1.83		
HANCOCK FRUIT LAB	4.75	.17	.04	.35	.03	1.15	.07	.04			.53	.03	.06	1.31		
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	5.13		.20	.25	.12	1.07	.50	.10			.22	.16		.50	.12	
MERRILL	4.08		.05		.55	.95	.16				.21	.73		.60	.15	
OAKLAND 1 SE	4.40	T	.30	.19	.08	.88	.23	.03			.58	.55	.12	.55	.13	
SAVAGE RIVER DAM	4.09		.04		.54	1.33	.10	T			.33	.61	T	.60	.10	
DELAWARE																
NORTHERN 01																
MIDDLETOWN 1 WSW	4.06		.20		.40	.42		.20						1.82	.28	
NEWARK UNIVERSITY FARM	5.18		.24		.19	.37	.08	.02				.03		2.48	.22	
WILMINGTON WSO AP	4.70	.25	.04	.21	.15	.42	T	.01			.02	.01	.10	2.41		
WILMGTON PORTER RESVR	6.29	.40	.03	.12	.18	.40	.03	.08				.12	.18	1.98		
SOUTHERN 02																
BRIDGEVILLE 1 NW	5.44		.32		1.15	.30		.54						.80	.16	
DOVER	4.77		.87		.46	.55		.05						1.00	.24	
GEORGETOWN 5 SW	4.09		.23		1.30	.66	.03	.03							1.16	
LEWES	7.64	.12	.04		1.80	3.00		.70	.05					.10	.45	
MILFORD 2 WSW	3.15	T	.16		1.17	.27	T	.12	.01			T		.79	.28	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JUNE 1982

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07								T								
CUMBERLAND 2		.77												.02	.02	
EDGEMONT		1.73	.42										T	.08	.09	
FROSTBURG 2		.18			.04			.07							.04	
HAGERSTOWN	.22	1.23	.12											.02	.06	
HANCOCK FRUIT LAB		.71													.24	
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW		.78			.06			.08				T		.10	.87	
MERRILL		.32			.08			.12						.03	.13	
OAKLAND 1 SE		.40	.05		.05			.03							.23	
SAVAGE RIVER DAM		.21			.05			.04						.05	.09	
DELAWARE																
NORTHERN 01																
MIDDLETOWN 1 WSW		.13				.10							.02	.42	.07	
NEWARK UNIVERSITY FARM		.78						.03					.25	.18	.31	
WILMINGTON WSO AP	R	.46	T				.22					.04	.06	.28	.02	
WILMGTN PORTER RESVR		.73											.50	1.50	.04	
SOUTHERN 02																
BRIDGEVILLE 1 NW		T	.86	.32											.99	
DOVER		1.07	.11	T									.42		T	
GEORGETOWN 5 SW			.24	.14	.03										.46	
LEWES			.24	1.00	.01					.01					.16	
MILFORD 2 WSW		T	.13	.08									.02		.13	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JUNE 1982

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																																	
CRISFIELD SOMERS COVE	MAX	85	79	76	78	75	76	75	72	78	79	76	73	70	72	80	83	84	82	80	82	82	83	78	79	81	83	85	86	84	85	79.4	
	MIN	71	66	68	60	58	63	58	54	60	63	62	55	60	59	62	63	71	68	68	66	65	72	67	61	66	67	75	74	74	68	64.8	
PRINCESS ANNE	MAX	87	84	79	77	79	78	74	73	80	78	76	76	71	75	83	85	86	82	82	81	83	83	79	79	82	85	87	88	88	86	80.9	
	MIN	64	64	48	47	61	57	56	52	49	52	59	50	58	56	52	70	73	66	66	65	61	62	65	49	53	67	62	68	72	63	59.6	
SALISBURY	MAX	86	81	78	75	77	77	73	72	81	76	73	71	67	76	83	86	86	81	80	80	83	81	79	79	82	85	87	87	85	87	79.8	
	MIN	67	65	55	55	59	59	57	54	53	51	61	53	58	57	56	71	74	68	68	65	63	67	66	57	58	68	67	72	72	68	62.1	
SALISBURY FAA AP	MAX	88	80	80	68	80	75	69	72	82	73	74	73	68	77	85	88	86	83	83	78	85	79	81	80	85	86	88	89	85	87	80.2	
	MIN	69	58	53	59	63	60	55	54	53	53	55	54	59	59	57	72	70	69	69	64	62	68	59	54	57	68	66	72	73	70	61.8	
SNOW HILL 4 N	MAX	88	81	78	73	77	77	68	70	80	77	74	70	67	76	82	86	86	82	80	80	84	81	79	79	81	85	89	88	84	86	79.6	
	MIN	66	65	51	58	62	57	57	51	51	52	60	53	59	57	52	67	70	67	66	64	60	64	64	50	53	64	62	69	72	66	60.3	
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL	MAX																																M
	MIN																																M
DENTON 2 E	MAX	87	86	79	75	73	75	72	71	84	83	71	71	67	77	83	88	87	84	83	83	85	83	81	82	85	89	89	91	88	87	81.3	
	MIN	65	63	54	55	65	55	56	53	56	54	60	53	55	53	56	69	69	66	67	62	61	60	59	52	53	53	53	53	70	66	58.9	
ROYAL OAK 2 SSW	MAX	84	80	79	74	74	72	73	73	81	80	74	73	68	76	81	85	84	79	81	78	84	81	78	79	83	87	86	88	87	86	79.6	
	MIN	69	66	60	57	63	60	58	55	61	61	63	53	58	57	59	71	71	67	66	65	65	63	64	57	60	72	68	74	76	69	63.6	
VIENNA	MAX	89	86	86	78	79	77	74	74	84	84	77	76	68	78	86	86	86	87	84	85	84	84	84	78	82	86	87	88	88	89	82.5	
	MIN	69	65	56	56	50	56	57	54	55	59	62	52	58	56	59	70	72	68	67	65	65	64	64	54	54	69	67	68	72	68	61.7	
LOWER SOUTHERN 03																																	
LA PLATA 1 W	MAX	84	74	78	73	69	69	71	73	78	77	68	69	68	74	81	87	83	80	80	77	84	79	75	75	82	83	83	87	85	83	77.6	
	MIN	66	60	57	59	63	55	58	57	61	62	62	55	60	56	56	71	63	65	63	62	64	60	61	55	58	71	66	71	74	66	62.1	
MECHANICSVILLE 1 SE	MAX	83	78	76	74	72	72	74	75	82	81	72	73	67	78	83	88	88	84	85	84	85	85	79	79	83	88	87	90	88	88	80.7	
	MIN	63	58	54	56	62	55	62	55	59	60	62	56	58	55	56	69	70	63	64	63	64	67	61	55	55	69	63	68	72	65	61.3	
OWINGS FERRY LANDING	MAX	88	77	79	72	71	72	74	74	84	76	72	70	65	78	83	88	86	84	86	78	84	81	78	80	82	84	84	86	90	87	79.8	
	MIN	67	60	55	56	55	56	56	56	59	60	62	56	55	53	63	69	65	66	63	62	60	62	60	56	54	60	62	63	65	67	60.1	
PATUXENT RIVER	MAX	87	78	78	70	79	74	73	72	82	70	77	71	70	79	85	89	87	81	85	79	83	80	81	78	84	87	87	90	89	89	80.5	
	MIN	65	61	58	60	63	61	60	57	60	64	62	60	58	56	59	71	63	69	69	66	66	67	62	60	63	70	67	72	71	70	63.7	
SOLOMONS																																	M
	MAX																																M
	MIN																																M
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	MAX	86	85	81	76	68	74	76	75	81	81	69	70	69	80	82	88	84	80	84	84	85	82	80	79	85	86	85	88	87	84	80.5	
	MIN	69	63	61	59	62	56	59	58	61	64	65	55	54	54	58	71	71	65	66	63	63	63	61	60	62	70	69	72	70	68	63.1	
BALTIMORE WSO AP	MAX	85	77	77	69	67	71	75	75	82	66	68	67	62	78	84	88	82	79	83	76	84	81	78	78	84	86	87	92	89	83	78.4	
	MIN	66	61	55	60	59	53	58	58	59	59	59	53	53	55	56	67	66	66	64	61	60	61	57	53	55	66	63	68	72	66	60.3	
BELTSVILLE	MAX	87	87	79	78	68	68	72	77	75	83	70	68	68	63	79	84	88	83	80	85	78	85	81	78	80	83	87	88	91	88	79.4	
	MIN	66	61	53	57	59	52	58	55	55	59	62	52	55	54	53	65	68	65	60	60	61	58	60	50	54	68	61	66	73	65	59.5	
COLLEGE PARK	MAX	89	88	78	80	68	68	72	76	77	82	66	69	70	63	78	86	89	83	82	84	78	86	83	78	79	85	88	89	92	90	79.9	
	MIN	70	63	55	59	61	56	58	58	59	62	62	54	57	56	54	71	72	67	63	62	65	60	62	53	56	71	64	69	75	70	62.1	
DALECARLIA RESVR D C																																	M
	MAX																																M
	MIN																																M
GLENN DALE BELL STN	MAX	87	85	76	76	68	72	75	76	82	80	68	68	65	77	83	87	86	82	86	84	84	85	80	78	82	88	87	90	88	85	80.3	
	MIN	64	58	51	55	58	50	54	52	52	55	58	54	56	52	51	68	65	60	58	60	56	56	57	48	52	64	69	64	70	61	57.6	
LAUREL 3 W	MAX	88	80	78	64	62	72	74	73	80	72	68	63	61	75	76	84	80	79	81	74	83	84	74	77	80	85	85	88	85	80	76.8	
	MIN	67	59	56	57	58	56	59	61	61	60	60	56	55	55	53	62	65	65	63	60	63	64	62	60	61	68	65	64	69	66	61.0	
NATIONAL ARBORETUM D C	MAX	88	88	78	78	68	69	74	77	77	83	75	68	69	65	78	84	88	83	81	85	80	84	84	78	79	85	89	90	91	89	80.2	
	MIN	67	63	56	58	59	54	59	56	59	60	61	53	57	55	57	64	72	65	64	63	63	60	63	53	57	66	66	70	74	68	61.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JUNE 1982

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
UPPER MARLBORO 3 NNW	MAX	87	86	78	78	69	69	72	75	75	83	68	68	69	64	78	84	89	85	80	85	79	85	82	78	80	84	88	88	90	88	79.5
	MIN	66	62	54	58	60	54	57	55	55	61	61	53	56	54	55	66	72	64	61	62	62	58	59	50	54	63	63	67	71	64	59.9
NORTHERN EASTERN SHORE 05	MAX	88	87	80	81	79	74	71	75	84	82	72	72	71	79	83	88	86	80	82	79	80	85	80	80	85	89	90	90	87	85	81.5
	MIN	69	62	55	56	55	55	53	54	55	56	61	52	53	54	55	68	69	64	64	62	61	62	59	53	54	67	65	68	71	65	59.9
CHESTERTOWN	MAX	88	78	78	73	69	74	72	75	84	69	72	70	65	79	83	84	87	81	83	78	85	83	79	80	83	87	90	89	86	82	79.5
	MIN	66	63	57	58	60	56	57	55	57	59	62	58	55	55	58	67	70	66	64	62	64	63	61	56	58	70	65	71	73	64	61.7
MILLINGTON 2 WNW	MAX	83	81	76	71	69	73	72	71	83	83	71	69	64	74	83	87	84	81	82	78	84	83	80	79	82	88	89	89	85	85	79.3
	MIN	66	64	49	57	60	56	54	53	52	54	62	53	55	54	53	67	65	65	68	60	59	60	58	48	53	66	63	68	70	70	59.4
NORTHERN CENTRAL 06	MAX	83	82	78	75	69	72	72	72	82	82	67	68	67	76	82	86	86	81	82	82	84	84	79	79	82	85	86	86	85	85	79.3
	MIN	61	62	55	58	60	54	57	55	57	58	61	57	55	56	55	69	69	64	64	62	63	60	59	52	53	67	65	66	71	68	60.3
BALTIMORE WSO CI	MAX	87	81	79	70	69	72	78	78	84	70	70	68	62	82	86	90	85	82	87	80	88	83	81	82	86	90	88	90	89	82	80.6
	MIN	70	67	61	60	60	59	60	60	66	66	64	60	62	56	64	70	70	69	68	64	66	71	67	63	68	72	73	75	76	73	65.8
BENSON POLICE BARRACKS	MAX	86	85	79	74	70	75	77	77	87	85	69	69	65	78	84	88	86	84	84	85	85	85	81	80	84	88	88	89	89	86	81.4
	MIN	64	61	54	55	59	53	55	56	61	57	60	55	52	54	56	68	65	64	62	58	59	61	60	56	53	64	62	67	67	66	59.5
BOYDS 2 NW	MAX	85	84	76	73	67	70	75	79	82	81	68	68	63	76	84	86	78	80	83	81	82	80	77	77	83	84	86	88	84	79	78.6
	MIN	65	58	58	54	57	54	55	55	57	55	59	54	51	52	55	64	63	60	59	55	57	58	57	54	56	64	63	67	70	66	58.4
CATOCTIN MOUNTAIN PARK	MAX	79	68	74	62	63	65	71	71	76	74	61	62	55	71	78	81	75	75	77	71	76	76	75	71	77	79	80	81	82	78	72.8
	MIN	65	53	57	52	53	53	52	55	57	55	56	51	50	50	58	63	60	55	59	51	57	59	53	52	58	64	66	67	68	64	57.1
CLARKSVILLE 3 NNE	MAX	87	83	77	73	68	69	75	75	83	81	69	69	65	77	85	88	84	82	83	82	84	83	78	79	86	87	87	90	88	85	80.2
	MIN	67	61	51	56	59	49	57	56	55	55	60	53	53	54	51	70	64	62	59	58	55	57	60	49	52	63	60	64	70	65	58.2
CONOWINGO DAM	MAX	81	76	75	70	66	73	72	72	83	66	68	66	60	73	82	85	81	83	82	77	83	84	78	78	82	85	85	86	86	80	77.3
	MIN	62	59	53	52	59	55	57	58	52	55	61	55	53	54	52	67	68	64	62	60	58	61	57	52	53	65	64	66	70	65	59.0
DAMASCUS 2 SW	MAX	84	75	73	64	65	70	73	76	81	79	67	64	58	76	82	86	77	80	80	75	80	78	75	76	81	83	86	88	84	79	76.5
	MIN	64	57	56	54	58	51	55	55	57	56	59	54	53	52	57	66	63	59	61	55	57	59	58	53	59	65	64	68	70	64	58.6
EMMITSBURG 2 SE	MAX	85	81	79	65	66	70	76	76	82	81	68	68	58	78	83	84	81	79	83	83	82	81	78	85	82	85	86	87	87	82	78.7
	MIN	60	57	48	53	56	47	54	54	57	55	57	50	50	51	48	65	62	53	54	50	53	52	56	54	48	57	58	63	68	65	55.2
FREDRICK POLICE BRKS	MAX	86	78	78	70	68	70	75	79	82	84	68	68	60	78	84	87	87	88	87	84	84	83	80	79	85	85	88	91	90	87	80.4
	MIN	67	62	55	57	59	53	59	59	63	62	61	57	54	55	58	62	66	61	61	58	59	60	58	54	57	67	65	69	73	68	60.3
PARKTON 2 SW	MAX	82	74	74	67	65	70	75	73	81	61	65	61	57	74	81	86	79	79	82	74	80	78	75	75	80	84	84	85	84	78	75.4
	MIN	64	55	52	53	57	49	53	54	55	53	58	50	50	52	51	65	63	58	58	54	53	55	52	49	51	60	60	64	68	60	55.9
ROCKVILLE 3 NE	MAX	82	85	87	80	72	67	75	82	87	85	70	67	64	78	83	89	81	83	84	83	83	82	83	78	79	83	89	90	86	81	80.6
	MIN	59	64	49	54	54	52	48	50	50	55	57	49	53	51	48	65	62	58	56	53	56	52	56	56	44	49	57	62	68	63	55.0
TOWSON	MAX	86	83	77	72	67	72	74	75	82	81	69	68	61	76	84	87	84	82	84	82	83	83	78	77	86	86	87	86	85	83	79.3
	MIN	73	74	59	57	64	67	56	57	59	60	61	54	57	56	61	82	71	63	63	57	60	62	62	56	57	67	66	68	70	67	62.9
UNIONVILLE	MAX	86	77	78	67	67	70	75	76	83	80	68	69	60	77	83	87	77	82	83	81	81	81	78	78	82	85	86	88	90	79	78.5
	MIN	66	59	50	51	59	49	57	53	58	58	60	53	54	54	50	68	62	68	57	52	53	54	55	45	53	58	59	63	70	60	56.9
WESTMINSTER POLICE BRK	MAX	86	84	76	71	67	71	73	74	82	87	65	69	60	75	84	88	85	80	81	82	82	82	78	83	83	85	87	88	86	84	79.1
	MIN	66	59	55	54	56	54	54	57	57	57	59	53	50	51	61	67	64	61	60	56	59	60	53	55	55	63	64	65	68	65	58.6
WOODSTOCK	MAX	86	78	78	72	70	71	76	77	84	83	70	63	60	78	84	87	80	82	84	81	84	83	78	79	83	86	87	90	85	80	79.3
	MIN	67	60	53	56	60	51	56	58	57	59	60	57	52	54	54	68	64	60	59	57	57	59	59	50	52	63	61	65	70	64	58.7
APPALACHIAN MOUNTAIN 07	MAX	87	80	76	65	69	70	70	85	87	84	83	78	65	80	87	90	80	82	84	81	83	81	76	81	86	89	89	92	89	83	81.1
	MIN	55	55	57	57	58	60	50	63	59	61	62	57	57	52	55	65	54	55	52	54	56	51	48	49	52	57	63	66	63	50	56.1
CUMBERLAND 2	MAX	81	74	71	59	55	62	60	63	77	79	65	73	59	60	72	79	80	72	74	75	70	73	73	68	73	79	82	81	84	75	71.6
	MIN	60	50	44	51	50	52	50	50	47	52	55	55	55	51	50	49	61	49	43	46	46	51	49	46	43	43	54	61	62	62	51.2
HAGERSTOWN	MAX	87	78	77	63	66	68	76	80	85	82	73	70	60	78	84	87	80	81	84	78	83	81	80	80	84	89	88	90	88	87	79.6
	MIN	66	57	55	57	58	55	57	56	61	58	60	58	59	59	57	67	64	57	56	54	58	58	55	51	54	63	63	62	72	61	58.8
HANCOCK FRUIT LAB	MAX	82	76	74	63	63	67	72	81	85	85	76	73	62	77	84	89	85	79	82	82	81	80	80	76	82	84	86	88	86	84	78.8
	MIN	60	59	49	53	57	54	57	50	61	59	59	57	55	50	49	58	60	51	52	47	50	51	49	44	46	55	59	63	67	58	54.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JUNE 1982

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	
ALLEGHENY PLATEAU 08		MAX	77	70	68	70	57	59	54	60	66	78	71	70	63	67	70	76	80	68	73	75	78	72	72	67	72	77	80	81	81	69	70.7
MC HENRY 2 NW		MIN	60	48	48	52	52	50	50	50	53	56	52	53	55	50	50	54	57	52	52	45	48	51	48	48	50	55	58	60	63	60	52.7
OAKLAND 1 SE		MAX	77	76	69	55	66	59	60	71	80	78	72	71	71	72	78	80	79	75	75	70	73	74	69	74	78	81	81	82	79	72	73.2
		MIN	55	49	48	53	54	52	52	48	53	59	53	54	56	47	44	59	60	49	49	46	48	47	48	42	43	48	54	58	65	60	51.8
SAVAGE RIVER DAM		MAX	82	77	71	64	58	63	60	64	79	79	72	73	63	65	74	79	82	73	75	75	70	74	75	70	74	79	83	85	84	76	73.3
		MIN	61	52	50	53	54	55	56	49	52	55	53	55	57	52	49	52	61	51	51	48	49	51	48	44	46	50	54	59	63	62	53.1
DELAWARE																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW		MAX	81	81	76	73	70	73	71	72	82	82	70	69	63	73	82	86	85	80	80	80	82	83	78	76	81	87	87	88	86	84	78.7
		MIN	68	63	55	58	61	57	56	55	55	55	61	55	55	54	55	70	65	65	66	60	59	59	58	54	53	64	63	66	70	64	60.0
NEWARK UNIVERSITY FARM		MAX	85	77	76	72	69	74	74	71	82	81	67	69	66	72	84	88	85	82	81	80	82	82	80	77	83	86	88	90	88	87	79.3
		MIN	61	60	52	57	59	57	55	55	54	55	59	55	53	53	55	68	65	64	64	59	59	59	57	52	53	63	63	67	71	66	59.0
WILMINGTON WSO AP		MAX	83	78	76	72	69	75	72	73	84	71	69	69	62	77	85	90	83	80	81	76	83	82	78	80	84	88	87	89	88	82	78.9
		MIN	62	60	54	61	61	60	57	56	55	58	57	55	54	55	57	69	67	66	66	60	63	62	58	54	57	68	66	70	69	66	60.8
WILMINGTON PORTER RESVR		MAX	80	81	77	71	67	74	69	71	82	74	70	70	69	74	83	86	86	82	81	81	83	87	82	77	82	86	87	90	86	82	79.0
		MIN	61	60	61	61	61	62	56	59	61	65	64	62	56	59	68	71	71	71	69	67	68	69	62	58	55	69	68	68	68	67	63.9
SOUTHERN 02																																	
BRIDGEVILLE 1 NW		MAX	87	83	78	76	75	75	71	72	83	80	72	70	67	75	83	87	85	83	81	80	85	80	79	79	85	88	87	91	87	85	80.3
		MIN	65	64	54	56	61	57	56	52	54	54	61	55	56	55	56	69	72	67	66	64	62	63	61	53	55	67	63	70	71	66	60.8
DOVER		MAX	86	83	78	71	71	73	73	69	83	83	71	68	64	75	85	89	87	81	82	78	85	84	79	80	82	87	86	89	87	88	79.9
		MIN	64	64	54	57	60	58	57	54	55	55	62	55	56	52	55	66	68	67	62	56	62	62	59	55	55	62	65	62	70	67	59.9
GEORGETOWN 5 SW		MAX	86	88	77	78	65	78	72	68	69	82	76	71	67	66	75	83	86	85	81	80	77	84	78	80	79	83	88	88	90	85	78.8
		MIN	65	64	51	57	60	58	56	52	52	52	60	51	53	55	55	65	72	68	66	65	60	60	62	51	51	66	63	77	71	66	60.1
LEWES		MAX	85	79	79	74	73	75	70	68	81	81	74	68	67	70	85	89	88	84	79	78	86	86	79	80	85	87	87	91	87	86	80.0
		MIN	64	64	53	57	61	58	56	54	55	55	55	53	52	52	58	69	73	68	65	65	62	62	62	55	55	55	55	55	72	68	59.6
MILFORD 2 WSW		MAX	84	79	76	74	70	73	69	67	80	80	70	66	66	73	84	87	87	83	81	81	85	84	82	81	84	89	89	91	89	87	79.7
		MIN	65	65	52	57	61	56	56	53	53	52	62	52	52	55	52	69	72	67	66	63	60	62	60	51	54	66	65	70	70	66	60.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
JUNE 1982

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	WIND	-	49	47	54	31	9	45	43	8	13	6	28	59	42	59	40	37	22	55	43	32	24	42	25	27	18	21	36	22	960B		
	EVAP	-	49	27	25	6	-	17	35	12	20	-	12	5	25	22	20	16	29	32	26	20	30	24	18	25	20	28	17	6.60B			
	MAX	-	95	89	84	82	70	75	83	85	92	68	70	70	84	89	95	88	89	91	88	92	83	88	90	89	94	95	99	92	85.5		
	MIN	-	63	60	62	62	62	62	63	63	64	63	58	58	58	55	64	70	68	65	60	74	68	62	58	61	65	70	71	73	70	63.9	
UPPER MARLBORO 3 NNW																																	
	WIND	7	27	19	34	17	2	5	9	3	8	2	1	6	9	6	-	-	5	26	20	12	9	17	12	24	7	11	24	18	360B		
	EVAP	32	21	30	27	7	3	9	16	14	23	3	8	15	24	30	26	20	18	16	40	26	17	29	30	25	22	25	32	17	6.11		
	MAX	96	93	88	87	68	70	77	80	82	91	67	69	70	64	86	89	93	88	87	90	89	91	84	87	88	88	93	95	98	91	84.6	
	MIN	69	61	59	61	61	60	60	60	61	63	60	58	58	57	57	64	68	69	68	64	64	66	64	61	61	63	70	70	72	69	63.3	
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	WIND	21	54	42	39	51	56	63	39	39	22	34	25	30	28	38	26	35	41	21	57	36	44	24	55	24	24	19	14	16	41	1058	
	EVAP	22	15	16	3	-	1	15	10	12	-	19	22	36	3	33	5	11	26	17	21	11	25	8	25	19	1	8	7	22	6	4.20B	
	MAX	87	77	82	64	62	61	60	64	71	87	75	82	62	63	81	88	83	75	91	83	82	81	81	82	86	88	90	90	88	77	78.1	
	MIN	66	55	55	56	55	55	55	54	54	57	60	60	58	57	54	56	63	56	56	55	54	56	55	50	50	53	58	62	65	64	56.8	
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	WIND	60	59	30	65	73	28	46	27	18	14	28	24	53	51	27	40	32	18	20	61	25	13	34	29	16	18	11	19	26	976		
	EVAP	21	24	21	17	6	7	15	10	19	17	8	12	-	4	19	26	24	16	17	32	19	19	24	29	16	22	17	26	16	18	5.10B	
	MAX	89	84	83	79	72	82	82	84	93	90	70	70	70	77	90	95	94	92	91	85	88	87	86	88	89	93	93	90	91	88	85.5	
	MIN	69	69	69	61	61	64	61	61	65	65	64	60	55	58	65	73	72	73	75	65	70	71	69	63	64	72	73	70	78	68	66.8	
SOUTHERN 02																																	
GEORGETOWN 5 SW	WIND	50	98	70	90	64	27	82	36	44	49	29	28	52	78	61	16	175	96	39	78	80	50	41	55	42	140	53	68	117	91	2143	
	EVAP	27	33	34	38	2	20	8	7	13	28	14	20	26	0	21	34	31	6	32	26	29	19	10	26	29	20	18	39	40	24	6.74	
	MAX	93	93	79	78	64	74	79	65	68	74	67	71	67	63	63	70	91	90	87	86	87	78	78	72	63	72	90	92	93	86	77.8	
	MIN	70	66	62	60	59	62	60	56	56	61	60	55	53	58	58	63	68	68	67	63	59	63	66	61	61	62	68	70	70	69	62.5	

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES

WIND: IS MEASURED IN MILES

MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
JUNE 1982

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
MARYLAND ABERDEEN PHILLIPS FLD ANNAPOLIS POLICE BRKS ASSATEAGUE STATE PARK BALTIMORE WSO AP BALTIMORE WSO CI # BELTSVILLE BENSON POLICE BARRACKS BOYDS 2 NW	0015 0193 0335 0465 0470 0700 0732 1032	06 04 01 04 06 04 06 06	HARFORD ANNE ARUNDEL WORCESTER ANNE ARUNDEL BALTO CITY PRN GEORGES HARFORD MONTGOMERY	39 28 39 59 38 14 39 11 39 17 39 22 39 30 39 13	76 10W 76 30W 75 38W 76 40W 76 37W 76 53W 76 23W 77 20W	57 25 7 196 91 120 365 580	16 17 17 MID MID 8 17	16 17 17 MID MID 8 18	C H H C C C C C	ROSS AVIATION INC ANNAPOLIS POLICE BRKS ASSATEAGUE STATE PARK NATL WEATHER SERVICE OCMI COMMANDING OFFICER U S DEPT OF AGRICULTURE MARYLAND STATE POLICE HUNTER F STALEY	
BRIGHTON DAM CAMBRIDGE WTR TRMT PL CATOCTIN MOUNTAIN PARK CENTREVILLE CHESTERTOWN CLARKSVILLE 3 NNE COLLEGE PARK CONOWINGO DAM CRISFIELD SOMERS COVE	1125 1385 1530 1627 1750 1862 1995 2060 2215	06 02 06 05 05 06 04 06 01	MONTGOMERY DORCHESTER FREDERICK QUEEN ANNES KENT HOWARD PRN GEORGES HARFORD SOMERSET	39 12 38 34 39 39 39 33 39 13 39 15 38 59 39 39 37 59	77 1W 76 4W 77 29W 76 4W 76 4W 76 56W 76 57W 76 10W 75 52W	330 5 16 60 40 365 90 8	MID 16 17 17 23 17 9 MID 17		C H H H H C C C C	WASH SUB SANY COMM WASTEWATER TRMT PLANT CATOCTIN MOUNTAIN PARK MICHAEL B CATE THOMAS W ELIASON JR UNIVERSITY OF MARYLAND UNIVERSITY OF MARYLAND SUSQUEHANNA ELECTRIC CO SOMERS COVE MARINA	
CUMBERLAND 2 DALECARLIA RESVR D C DAMASCUS 2 SW DENTON 2 E EDGEMONT EMMITSBURG 2 SE FREDRICK POLICE BRKS FREDERICK 3 E FROSTBURG 2	2282 2325 2335 2523 2770 2906 3348 3359 3415	07 04 06 02 07 06 06 06 07	ALLEGANY MONTGOMERY CAROLINE WASHINGTON FREDERICK FREDERICK FREDERICK ALLEGANY	39 38 38 56 39 16 38 53 39 40 39 41 39 25 39 24 39 40	78 45W 77 7W 77 14W 75 48W 77 33W 77 18W 77 26W 77 22W 78 56W	700 146 720 50 905 416 380 385 2170	18 17 19 17 7 17 17 7 7		H H H H H H H H H	TIMOTHY B THOMAS U S CORPS OF ENGINEERS RICHARD W SCHWERDT ARTHUR REINHOLD JOHN W HARNE MRS LUCILLE K BEALE MARYLAND STATE POLICE MISS I MARY STALEY LEE K CLOSE	
GLENN DALE BELL STN HAGERSTOWN HANCOCK FRUIT LAB LA PLATA 1 W LAUREL 3 W MC HENRY 2 NW MECHANICSVILLE 1 SE MERRILL MILLINGTON 2 WNW	3675 3975 4030 5080 5111 5832 5865 5894 5985	04 07 07 03 04 08 09 09 05	PRN GEORGES WASHINGTON WASHINGTON CHARLES PRN GEORGES GARRETT ST MARYS GARRETT KENT	38 58 39 39 39 42 38 32 39 6 39 35 38 26 39 36 39 16	76 48W 77 44W 78 11W 77 0W 76 54W 79 22W 76 43W 79 5W 75 52W	150 660 428 140 400 2680 160 1790 30	16 18 16 18 MID 8 17 9 17		H C H C H C H H H	USDA PLT INTRODUCT STN HAGERSTOWN RESERVOIR SHARPSBURG RESEARCH C C RUSSELL LEVERING WASH SUB SANY COMM JOSEPH F JOHANNING MRS EDITH R BENNETT DELWOOD E MERRILL MRS GERALDINE CONNOLLEY	
NATIONAL ARBORETUM D C OAKLAND 1 SE OWINGS FERRY LANDING PARKTON 2 SW PATUXENT RIVER POTOMAC FILTER PLANT PRINCESS ANNE ROCKVILLE 3 NE ROYAL OAK 2 SSW	6350 6620 6770 6844 6915 7272 7330 7705 7806	04 08 03 06 03 06 01 06 02	GARRETT BALVERT BALTIMORE ST MARYS MONTGOMERY SOMERSET MONTGOMERY TALBOT	38 54 39 24 38 41 39 38 38 20 39 22 38 13 39 7 38 43	76 59W 79 24W 76 40W 76 42W 76 25W 77 15W 75 41W 77 6W 76 11W	50 2420 160 600 38 270 220 400 10	8 17 17 23 MID MID 17 16 18		H H H C C C H H H	U S NATL ARBORETUM MS CARA M WEBER JAMES E BOURNE JR JOHN R FOX NAVAL WEATHER SERVICE POTOMAC WATER FILT PLT MARYLAND ST COLLEGE FRM MD NATL CAPITAL PARK JOHN L SWAINE JR	
SALISBURY SALISBURY FAA AP # SAVAGE RIVER DAM SNOW HILL 4 N SOLOMONS TOWSON UNIONVILLE UPPER MARLBORO 3 NNW VIENNA	8000 8005 8065 8380 8405 8877 9030 9070 9140	01 01 08 01 03 06 06 04 02	WICOMICO WICOMICO GARRETT WORCESTER BALVERT BALTIMORE FREDERICK PRN GEORGES DORCHESTER	38 22 38 20 39 31 38 14 38 19 39 23 39 27 38 52 38 29	75 35W 75 31W 79 8W 75 23W 76 27W 76 34W 77 11W 76 47W 75 50W	10 48 1495 28 12 390 430 98 12	17 MID 8 18 8 18 18 8 18		H H C H C C C C C	CITY OF SALISBURY FAA U S CORPS OF ENGINEERS CURTIS E SHOCKLEY CHESAPEAKE BIOL LAB BENDIX FRIEZE GEORGE P VON EIFF JR TOBACCO EXP FARM DELMARVA POWER & LIGHT	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
JUNE 1982

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
WESTMINSTER POLICE BRK WOODSTOCK	9440 9750	06 06	CARROLL BALTIMORE	39 33 39 20	76 58W 76 52W	765 460	17 18	17 18		H	MARYLAND STATE POLICE JOHN A HILTZ
DELAWARE											
BRIDGEVILLE 1 NW	1330	00	SUSSEX	38 45	75 37W	50	17	17		H	WILLIAM M RAY
DOVER	2730	00	KENT	39 39	75 31W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	00	SUSSEX	38 38	75 27W	45	18	18	8C	H	UNIV OF DEL SUBSTATION
LEWES	3320	00	SUSSEX	38 46	75 28W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	39 26	75 45W	60	16	16		H	PIONEER HYBRID CORN CO
MILFORD 2 WSW	5915	02	SUSSEX	38 54	75 28W	30	17	17		H	MRS BERNARD FRANKEL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17C	H	UNIV OF DELAWARE
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C HJ	NATL WEATHER SERVICE
WILMGTN PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32W	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
JUNE 1982

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- * Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. An * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
- V Includes total for previous month(s). (See * above)
- // Gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)
- B Adjusted monthly value. (estimated)
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. (1-7 missing values for Wind and Evaporation). M appears alone if 10 or more daily values are missing, (8 or more for Wind and Evaporation).
- R Amounts from recording gage.
- T Trace. An amount too small to measure.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- J Station also published as a Local Climatological Data publication.
- H Observations appear in "Snowfall and Snow on Ground" table.
- MID Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- MO Gage read once monthly, usually the last day.
- OC Gage readings vary from a few weeks to several months.
- WI Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE THRU:
THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE N.C. 28801
ATTN: PUBLICATIONS

M A R Y L A N D A N D D E L A W A R E - J U N E 1 9 8 2

SPECIAL WEATHER SUMMARY

W. J. Moyer
State Climatologist of Maryland
University of Maryland
Department of Agronomy
College Park, MD 20742

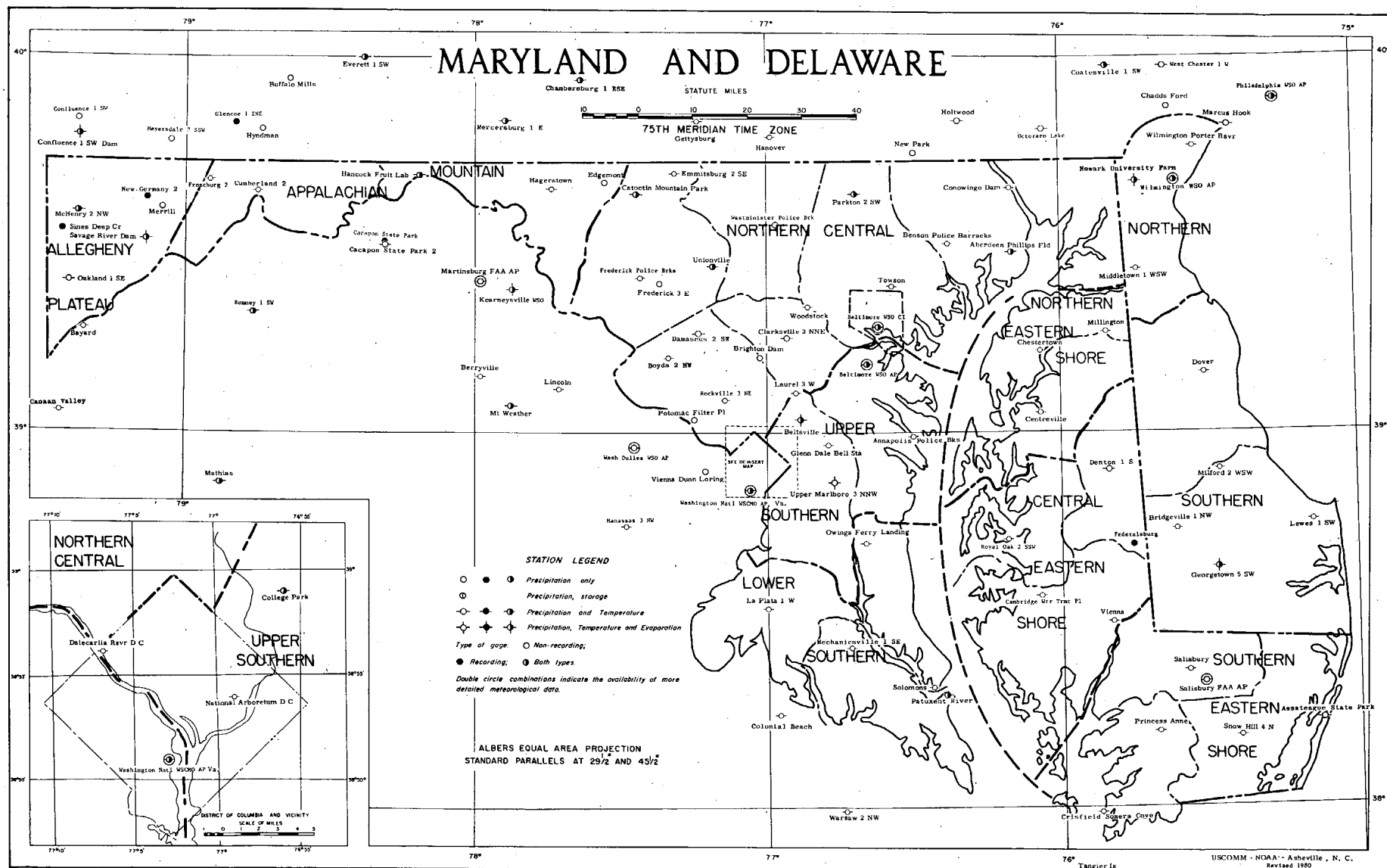
June was cool and very wet. This was the wettest June in Maryland since the record-breaking June of 1972, the month of Tropical Storm Agnes. It was the wettest in Delaware since 1979.

June monthly temperatures averaged mostly 1 to 3° below normal, cooler than 1980 and 1981 but not as cool as 1979. Highest temperatures ranged mostly between the mid 80's and the low 90's while lowest ranged between the mid 40's and the mid 50's.

Monthly rainfall ranged mostly between 4 and 8 inches across Maryland and between 3 and 6 inches across Delaware. Totals over 6 inches were found in the area extending from eastern Washington County across the northern tier of Maryland Counties into Delaware and also from St. Mary's and Calvert Counties across the Bay into Dorchester and Caroline Counties. A narrow belt of monthly rainfall less than 4 inches extended from Snow Hill, Maryland, into southern Delaware. Totals over 7 inches were reported by the following stations: Edgemont, 7.19; Hagerstown 1S (Keefer), 7.10- Washington County, Braddock Heights, 7.65; Catoctin Mountain Park, 7.43; Frederick 3E, 7.16- Frederick County, Parkton 2SW, 7.80; Pretty Boy Dam, 7.70; Lutherville, 7.67; Owings Mills, 7.50- Baltimore County, Benson Police, 7.26- Harford County, Prince Frederick, 7.15- Calvert County, Denton 2E, 7.41- Caroline County.

The period, from May 19 through June 13th, was cloudy and wet. Some stations recorded totals that exceeded 8 inches such as Upper Marlboro, 9.28; Glenn Dale, 8.62; and Washington, DC (National Airport), 9.66. The average sky cover (sunrise to sunset) at Baltimore National Weather Service station for the same period was 8.2.

Severe storms during the month and scattered thunderstorms with locally strong winds and heavy rain were reported on the 13th and the 16th.



CLIMATE PUBLICATIONS AVAILABLE FROM THE NATIONAL CLIMATIC CENTER, ASHEVILLE, N.C.

COMPARATIVE CLIMATIC DATA

Presents tables of monthly and annual averages, totals or extreme climate conditions for approximately 300 major population centers. This publication is particularly helpful for comparing temperature, rainfall, snowfall, wind velocities, sunshine, cloudiness and relative humidities for the principal cities. The cities are listed alphabetically by state in two sections: observed data and climatological normals. This is an annual publication.

STORM DATA

Monthly issue presents a chronological listing, by states, of occurrences of storms and unusual weather phenomena, together with data on the paths of individual storms, deaths, injuries, and estimated property damage, and a brief narrative description of each event. A new section in the bulletin entitled "OUTSTANDING STORMS OF THE MONTH" highlights severe weather and includes descriptive photographs of storms, their tracks, and analyzed maps. The December issue includes annual summaries of tornadoes and lightning and North Atlantic tropical cyclones.

MONTHLY CLIMATIC DATA FOR THE WORLD

Contains monthly means of temperature, pressure, precipitation, vapor pressure and sunshine for about 2,500 surface data stations worldwide. Also contains monthly mean upper air temperatures, dew point depressions and wind velocities for ten standard levels.

LOCAL CLIMATOLOGICAL DATA

Published monthly for each first-order station. Presents daily maximum and minimum temperatures, degree day data, precipitation, station pressures, wind statistics, sunshine and sky cover data, as well as 3-hourly data for certain parameters. An annual issue is available summarizing monthly data and including up to 40 years record, and featuring a narrative climatological summary and history of the station.

CLIMATOLOGICAL DATA

Published monthly for each state. Gives daily temperature and precipitation records, and monthly averages and totals, with departures from normal when available. Also derived statistics such as heating and cooling degree days, counts of days equaling or exceeding given temperature and precipitation thresholds, extremes, etc., are published for cooperative and first-order stations. Evaporation and soil temperature data are given for reporting stations. Seasonal snowfall, heating and cooling degree day tables included in selected tables. Annual summary also available.

HOURLY PRECIPITATION DATA

Monthly issue presents daily, hourly and maximum short duration data for the recording gage stations for each state except Alaska. The annual issue tabulates monthly and annual totals, and annual maximum precipitation data by selected time categories.

Local Climatological Data
Annual Summary With Comparative Data
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O'HARE INTERNATIONAL AIRPORT

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For the United States
1980
VOLUME 84
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