

# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

MARCH 1984

VOLUME 88      NUMBER 3



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# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
MARCH 1984

MARYLAND  
HIGHEST TEMPERATURE 72  
LOWEST TEMPERATURE -17  
GREATEST TOTAL PRECIPITATION 10.85M  
LEAST TOTAL PRECIPITATION 3.94  
GREATEST 1 DAY PRECIPITATION 3.35  
GREATEST TOTAL SNOWFALL 43.5  
GREATEST DEPTH OF SNOW OR ICE 12

DELAWARE  
HIGHEST TEMPERATURE 65  
LOWEST TEMPERATURE 1  
GREATEST TOTAL PRECIPITATION 7.97  
LEAST TOTAL PRECIPITATION 5.40  
GREATEST 1 DAY PRECIPITATION 2.00  
GREATEST TOTAL SNOWFALL 5.5  
GREATEST DEPTH OF SNOW OR ICE 6

MARCH 16  
MARCH 10

MARCH 29

MARCH 9

MARCH 22+  
MARCH 10

MARCH 13

MARCH 9

LA PLATA 1 W  
OAKLAND 1 SE  
MECHANICSVILLE 1 SE  
ABERDEEN PHILLIPS FLD  
FREDERICK 3 E  
MC HENRY 2 NW  
FROSTBURG 2

4 STATIONS  
MIDDLETOWN 1 WSW  
GEORGETOWN 5 SW  
WILMINGTON WSO AP R  
LEWES  
WILMGTON PORTER RESVR  
WILMGTON PORTER RESVR

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
MARCH 1984

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	32 OR BELOW	32 OR BELOW	0 OR BELOW				TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
MARYLAND																						
SOUTHERN EASTERN SHORE 01																						
ASSATEAGUE STATE PARK	52.9	29.8	41.4		69 16	18 10	727	0	0	0	20	0	8.34		1.88	29	.0	0		11	7	3
PRINCESS ANNE	52.0	30.0	41.3	-3.7	64 21	19 09	727	0	0	0	18	0	7.53	3.54	1.60	13	.0	0		10	6	3
SALISBURY	52.0	30.0	42.5	-3.8	65 21	18 10	702	0	0	0	13	0	6.01	3.79	1.85	13	.0	0		10	6	3
SALISBURY FAA AP	52.0	30.0	42.5	-1.7	69 21	19 10	693	0	0	0	14	0	9.08	3.00	2.52	25	T	T		9	6	3
SNOW HILL 4 N	52.3	31.1	41.2	-3.8	65 21	15 10	730	0	0	0	16	0	7.58	2.98	1.89	13	T	T		9	7	4
-- DIVISIONAL DATA ----->																						
CENTRAL EASTERN SHORE 02																						
CAMBRIDGE WTR TRMT PL	50.5	32.5	41.5	-3.0	65 17+	22 12+	721	0	0	0	11	0	7.01	2.95	1.38	13	.0	0		10	6	3
DENTON 2 E	49.5	31.7	40.6	-3.5	67 16	14 10	749	0	0	0	11	0	6.23	2.31	1.18	13	.0	0		9	7	4
ROYAL OAK 2 SSW	49.4	33.1	41.3	-3.9	64 16	20 12	729	0	0	0	12	0	7.34	3.27	1.41	13	T	T		10	6	4
VIENNA	52.5	31.5	42.0	-3.6	67 16	19 10	706	0	0	0	18	0	7.01	3.09	1.65	13	.0	0		9	6	3
-- DIVISIONAL DATA ----->																						
LOWER SOUTHERN 03																						
LA PLATA 1 W	50.9	31.4	41.2	-4.0	72 16	14 10	731	0	0	1	16	0	6.27	2.51	1.26	29+	.6	T		9	5	2
MECHANICSVILLE 1 SE	51.0 M	34.6 M	42.8 M		68 16	20 10	682	0	0	0	7	0	10.85		2.60	29	M	T		8	8	8
OWINGS FERRY LANDING																						
PATUXENT RIVER	49.2 M	34.2 M	41.7		65 21	22 10	713	0	0	0	12	0	10.34		2.10	25	T	T		10	8	4
-- DIVISIONAL DATA ----->																						
UPPER SOUTHERN 04																						
ANNAPOLIS POLICE BRKS	48.9	32.5	40.7		60 21+	18 10	746	0	0	1	13	0	7.09		2.55	29	.0	0		9	5	2
BALTIMORE WSO AP	45.9 R	30.4	38.2	-5.1	63 16	13 10	825	0	0	3	15	0	5.79	2.07	1.59	29	6.1	4	9	8	6	2
BELTSVILLE	46.2	27.4	36.8	-5.1	66 17	7 2	868	0	0	1	19	0	5.46	1.97	2.13	29	3.0	2	9	10	2	1
COLLEGE PARK	47.8	31.2	39.5	-5.1	67 17	17 10	785	0	0	1	15	0	5.41	1.76	1.92	29	4.2	4	9	10	3	1
DALECARLIA RESVR D C	49.9	28.5	39.2	-5.7	68 16	17 10	792	0	0	1	20	0	6.51	2.68	1.69	29	.0	0		9	6	2
GLENN DALE BELL STN	50.1	29.2	39.7	-4.2	67 16	11 10	779	0	0	1	19	0	5.88	2.18	1.47	29	2.5	2	9	9	5	1
LAUREL 3 W																						
NATIONAL ARBORETUM D C	48.9	29.5	39.2	-6.4	69 17	18 9	794	0	0	0	18	0	6.06	2.31	2.61	29	.0	M		10	3	2
UPPER MARLBORO 3 NNW	47.6	29.9	38.8		66 17	15 10	804	0	0	1	17	0	5.81	2.09	2.14	29	1.0	1	9	11	3	1
-- DIVISIONAL DATA ----->																						
NORTHERN EASTERN SHORE 05																						
CENTREVILLE	49.9	28.7	39.3		64 21	19 4	787	0	0	0	22	0	6.04		1.20	13	.0	0		11	4	2
CHESTERTOWN	45.9	30.6	38.3	-5.1	66 16	10 10	820	0	0	3	14	0	5.37	1.39	1.32	13	3.0	M	5	8	9	5
MILLINGTON 2 WNW																						
-- DIVISIONAL DATA ----->																						
NORTHERN CENTRAL 06																						
ABERDEEN PHILLIPS FLD	47.3	33.0 M	40.2 M		61 16	19 12	761	0	0	2	8	0	3.94		1.17	29	4.0	M	3	9	5	2
BALTIMORE WSO CI	48.3	35.1	41.7	-3.8	63 16	20 10	714	0	0	0	21	0	5.65	1.72	1.63	29	.0	M		8	4	2
BENSON POLICE BARRACKS	47.7	26.0	36.9	-5.2	64 16	5 10	866	0	0	0	24	0	5.84	1.80	1.98	29	4.6	M	3	9	10	3
BOYDS 2 NW	46.6	29.4	38.0		67 16	12 10	829	0	0	0	21	0	5.72		1.68	29	6.0	M	4	9	8	4
CATOCTIN MOUNTAIN PARK	41.5	25.1	33.3		62 16	8 10	975	0	0	4	27	0	5.77		1.83	29	M	11	0	6	13	7
CLARKSVILLE 3 NNE	47.5	27.6	37.6		66 16	3 11+	842	0	0	1	19	0	5.42		1.43	29	10.2	M	4	9	9	5
CONOWINGO DAM	45.0	27.5	36.3	-4.8	60 21	5 10	882	0	0	0	32	0	5.71	1.72	1.38	13	5.0	M	5	9+	8	6
DAMASCUS 2 SW	44.8	28.5	36.7		66 16	10 10	873	0	0	2	17	0	5.99		1.74	29	13.0	M	4	9+	9	5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
MARCH 1984

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							
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW				TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
EMMITSBURG 2 SE	46.5	27.6	37.1		60	20+	510	859	0	0	220	0	5.87		2.10	29	16.0	5	13	10	6	2	
FREDRICK POLICE BRKS	47.2	29.6	38.4		64	17+	119	815	0	0	318	0	5.15		1.80	29	11.0	5	29	9	5	1	
PARKTON 2 SW	H	H	H																				
ROCKVILLE 1 NE	48.6	30.8	39.7	-4.4	68	16	1310	777	0	0	216	0	5.89	2.35	1.54	29	M 1.0	M	5	9	10	5	1
TOWSON	46.6	27.8	37.2		63	16	910	854	0	0	119	0	7.80	3.76	2.40	29	0	0	8	5	3	1	
UNIONVILLE	46.2	26.1	36.2	-4.7	67	16	310	888	0	0	322	0	5.57		1.80	29	9.0		1	8	7	5	1
WESTMINSTER POLICE BRK	44.8	26.0	36.4	-4.6	63	16	1110	880	0	0	319	0	4.30	.38	1.20	29	M 5.0		3	29+	7	4	1
WOODSTOCK	46.9	28.4	37.7	-4.4	65	16	810	841	0	0	118	0	5.05	1.11	1.26	29	9.0		3	9	9	5	1
-- DIVISIONAL DATA -->			37.6	-4.7									5.61	1.79			9.6						
APPALACHIAN MOUNTAIN 07																							
CUMBERLAND 2	46.8	25.3	36.1	-6.0	67	20	39	890	0	0	221	0	4.69	1.08	1.70	29	18.0		6	9	10	3	1
FROSTBURG 2	37.6	19.4	28.5		58	17	-311	1123	0	0	1130	2	6.26		2.03	29	40.5		12	9	13	5	1
HAGERSTOWN	44.9	28.2	36.6	-5.5	61	16	1010	875	0	0	318	0	5.96	2.58	3.10	29	M 8.8	M	5	13	7	3	2
HANCOCK FRUIT LAB	H	H	H																				
-- DIVISIONAL DATA -->			33.7	-7.3									5.64	1.98			29.3						
ALLEGHENY PLATEAU 08																							
MC HENRY 2 NW	37.6	18.9	28.3		63	21+	011+	1130	0	0	1229	2	6.21		1.58	29	43.5		10	1	14	3	1
OAKLAND 1 SE	42.5	20.3	31.4	-5.0	67	20	-1710	1031	0	0	727	4	6.92	2.50	1.17	26	30.5		10	1	14	5	2
SAVAGE RIVER DAM	40.7	21.5	31.1	-5.7	62	21	-310	1042	0	0	730	2	5.30	1.92	1.56	29	17.0		8	9	9	4	1
-- DIVISIONAL DATA -->			30.3	-5.5									6.14	1.93			30.3						
DELAWARE																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	47.1	28.1	37.6		59	21+	110	839	0	0	219	0	6.52		1.58	29	M .0		3	9	10	5	3
NEWARK UNIVERSITY FARM	46.7	28.3	37.5	-4.6	61	20	410	842	0	0	118	0	6.10	2.44	1.00	28+	5.0	T			9	6	2
WILMINGTON HSO AP	44.0	27.2	35.6	-6.2	61	21	210	904	0	0	420	0	5.40		1.48	13	5.2		4	10+	8	6	1
WILMINGTON PORTER RESVR	43.5	27.2	35.4	-5.6	60	21+	510	912	0	0	520	0	5.98	1.91	1.50	28	5.5		6	9	8	5	2
-- DIVISIONAL DATA -->			36.5	-5.5									6.00	2.23			5.2						
SOUTHERN 02																							
BRIDGEVILLE 1 NW	50.5	30.6	40.6	-3.2	65	16	1510	749	0	0	115	0	7.04	3.18	1.35	13		T			10	5	3
DOVER	48.5	30.6	39.6	-4.7	65	21	1210	782	0	0	114	0	6.94	3.07	1.35	29	.0		0		10	7	2
GEORGETOWN 5 SW	47.7	30.0	38.9	-4.6	65	22	1310	802	0	0	116	0	7.97	4.00	1.96	29	.0		0		9	5	3
LEWES	48.3	31.8	40.1	-3.2	61	16	2010	769	0	0	114	0	7.86	3.65	2.00	13	.0		0		10	6	4
MILFORD 2 WSW	49.3	30.4	39.9	-4.4	65	21	1210	774	0	0	117	0	6.82	2.79	1.34	13	.0		T		10	7	2
-- DIVISIONAL DATA -->			39.8	-4.1									7.33	3.30			.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
MARCH 1984

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE STATE PARK	8.34					.18	1.46	.14						1.51	.58	
PRINCESS ANNE	7.53	1.25				.13								1.60	.45	
SALISBURY	8.01					.16	1.00							1.85	.35	
SALISBURY FAA AP	9.08					.70	.58	T		.45				2.34	.01	
SNOW HILL 4 N	7.58					.06	1.03	.01						1.89	.56	
<b>CENTRAL EASTERN SHORE 02</b>																
CAMBRIDGE WTR TRMT PL	7.01					.19	.80							1.38	.46	
DENTON 2 E	6.23					.28	.63							1.18	.71	
ROYAL OAK 2 SSW	7.34					.28	.63	T						1.41	.32	
VIENNA	7.01		.01			.04	1.06							1.65	.24	
<b>LOWER SOUTHERN 03</b>																
LA PLATA 1 W	6.27					.38	.21			.16				.91	.01	
MECHANICSVILLE 1 SE	M 10.85	-	-	-	-	-	-	-	-	-	-	-	-	1.10	-	-
OWINGS FERRY LANDING	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PATUXENT RIVER	10.34					.68	.65	T		.50				1.89	T	
<b>UPPER SOUTHERN 04</b>																
ANNAPOLIS POLICE BRKS	7.09					.31	.13							.86	.08	
BALTIMORE WSO AP	R 5.79					.32	.02			.55				.81		
BELTSVILLE	5.46					.09	.35							.24	.49	
COLLEGE PARK	5.41					.06	.35							.28	.63	
DALECARLIA RESVR D C	6.51					.32	.04			.10				.21		
GLENN DALE BELL STN	5.88					.31	.19			T				.25	.06	
LAUREL 3 W	M					-	-			-				.61		
NATIONAL ARBORETUM D C	6.06					-	.38			-			.14	-	.53	
UPPER MARLBORO 3 NNW	5.81					.03	.43							.17	.70	
<b>NORTHERN EASTERN SHORE 05</b>																
CENTREVILLE	6.04					.40	.23							1.20	.40	
CHESTERTOWN	5.37					.53	.12	T		.37				1.32	.01	
MILLINGTON 2 WNW	M					-	-	-		-				-	-	
<b>NORTHERN CENTRAL 06</b>																
ABERDEEN PHILLIPS FLD	R 3.94			*	*	.47	.19			T				.24	.08	T
BALTIMORE WSO CI	5.65					.33				.40				.81		
BENSON POLICE BARRACKS	5.84					.49	.12	T		.03				.25	.22	
BOYDS 2 NW	5.72					.44	.09							.33	.17	
BRIGHTON DAM	M					-	-			-				-	-	
CATOCTIN MOUNTAIN PARK	5.77					.44				.09				.32	.68	
CLARKSVILLE 3 NNE	5.42					.41				.15				.26	.73	T
CONOWINGO DAM	5.71					.68		T		.50					.02	
DAMASCUS 2 SW	5.99		T			.46	.08	T		.21				.13	.72	
EMMITSBURG 2 SE	5.87					.50	.04			.10				.50	.20	
FREDRICK POLICE BRKS	M 5.15					.51	.10			.10				.30	.10	
FREDERICK 3 E	7.05					.10	.46							.42	.20	
PARKTON 2 SW	M					-	-			-				.44	.20	
POTOMAC FILTER PLANT	5.50					-	-			-				.44	.20	
ROCKVILLE 1 NE	5.89					.33				.19				.70		
TOWSON	7.80	.15	T			.45	.08			.05				.75	T	
UNIONVILLE	M 5.57					.46				.32			.01	.87	.01	
WESTMINSTER POLICE BRK	4.30					.46	.09			.02				.73		
WOODSTOCK	5.05					.51	.08			.10				.64	T	
														.60		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
MARCH 1984

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																
ASSATEAGUE STATE PARK						.24				.91	.20		.69	1.88		
PRINCESS ANNE						.25				1.50	.56		.72	.77		
SALISBURY						.35	T			1.48	.92		.80	.90		
SALISBURY FAA AP						.33				2.52	.39		1.20	.56		
SNOW HILL 4 N						.30				1.08	.56		.72	1.23		
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL						.22				1.15	1.10		.81	.69		
DENTON 2 E						.29				.91	.55		.89	.79		
ROYAL OAK 2 SSW						.38				1.10	1.14		.88	1.10		
VIENNA	.01					.20				1.46	.56		.63	.93	.01	
LOWER SOUTHERN 03																
LA PLATA 1 W						.15	T			.92	1.26		.97	1.26		
MECHANICSVILLE 1 SE						1.15	1.50			1.00	1.00		1.30	2.60	1.20	
OWINGS FERRY LANDING																
PATUXENT RIVER						.35				2.10	1.32	T	1.72	.93		
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS						.38				.54	.62	.03	1.26	2.55		
BALTIMORE WSO AP	R		T	T		.50	T	T		.63	.20	.04	1.13	1.59		T
BELTSVILLE						.45	.18			.32	.78		.14	2.13		.05
COLLEGE PARK				T		.47	.22			.36	.79		.13	1.92		.08
DALECARLIA RESVR D C						.87				.55	.95		1.03	1.69		
GLENN DALE BELL STN						.66				.44	.98		.91	1.47		
LAUREL 3 W																
NATIONAL ARBORETUM D C						.44	.20			.27	1.10		.08	2.61	.15	
UPPER MARLBORO 3 NNW						.40	.20			.28	.95		.10	2.14	.20	
NORTHERN EASTERN SHORE 05																
CENTREVILLE						.35				1.03	.17	.13	.95	.90		
CHESTERTOWN				T		.28	T	T		.68	.45	.03	.84	.74	T	T
MILLINGTON 2 NNW																
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD				T		.27	T	T	*	*	.75		.77	1.17		
BALTIMORE WSO CI	R					.44				.56	.17	.04	1.27	1.63		
BENSON POLICE BARRACKS				T		.51				.32	.47	.02	1.00	1.98	T	T
BOYDS 2 NW						1.30				.22	.72		.77	1.68		
BRIGHTON DAM																
CATOCTIN MOUNTAIN PARK	.01					1.20	.04	.01		.04	.30		.70	1.83	.08	.03
CLARKSVILLE 3 NNE						.68	T			.28	.65	.02	.81	1.43		
CONOWINGO DAM				.01		.57				.35	.23	.08	.87	1.02	T	
DAMASCUS 2 SW		T	T	T		.61	T	T		.19	.82	.02	1.00	1.74	.01	
EMMITSBURG 2 SE						.51				.10	.12		1.20	2.10		
FREDRICK POLICE BRKS						.60	.04	T		.09	.56	T	.88	1.80	.07	
FREDERICK 3 E						.21	.44	T		.12	.84		.20	3.35	.27	
PARKTON 2 SW																
POTOMAC FILTER PLANT						.49			T	.70	.43		1.37	1.29		
ROCKVILLE 1 NE	T					.76	T			.36	.75	T	.96	1.54	.02	T
TOWSON						.44				1.20	.92	.03	1.06	2.40	.03	
UNIONVILLE						.75		T		.04	.64	T	.83	1.80		
WESTMINSTER POLICE BRK						.33	T			.07	.53		.74	1.20		
WOODSTOCK						.41				.24	.64	.04	.80	1.26		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
MARCH 1984

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	4.69					.12	.07									
EDGEMONT	4.80					.08	.32								.50	.30
FROSTBURG 2	6.26	.10	.01		T	.16	.19	.01	.02	.52	T	.02	.02	.36	.52	T
HAGERSTOWN	5.96					.23	.03		.12	.02				.59		
HANCOCK FRUIT LAB	M															
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	6.21	.24	T			.28	.34	T	T	.49		.04	.03	.19	.26	
MERRILL	3.83	.07				.15	.13			.40		T		.33	.04	
OAKLAND 1 SE	6.92	.10				.46	.19	.02	.35	.10		.08		.70	.07	
SAVAGE RIVER DAM	5.30	.05				.16	.09	T	T	.52		T		.42	.31	
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW	01															
NEWARK UNIVERSITY FARM	6.52				T	.50	.26		T	.30				1.00	.52	
WILMINGTON WSO AP	6.10					.58			.50	.36				1.00	.34	
WILMINGTON PORTER RESVR	5.40					.59	.04		.34	.01		T		1.48		
	5.98					.98	.07		.20	.54				1.40	T	
SOUTHERN BRIDGEVILLE 1 NW	02															
DOVER	7.04					.29	.38			.15				1.35	.47	
GEORGETOWN 5 SW	6.94					.23	.54			.38				1.03	.91	
LEWES	7.97					.09	.87	.04		T				.61	1.82	
MILFORD 2 WSW	7.86					.31	.36			.13				2.00	.70	
	6.82					.33	.67			.11				1.34	.51	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
MARCH 1984

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2		.02	.05			.38	.55						.13	1.70	.13	T
EDGEMONT		T			.25	.46	T				.40		.18	2.40	.19	
FROSTBURG 2		.02	.05	T		.52	.92	.11	.02	T	.01	.33	.15	2.03	.12	.05
HAGERSTOWN			T			.48	T			.04	.19	.06	1.10	3.10		
HANCOCK FRUIT LAB																
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW		T	.05			.12	.84	.27	.08		.58		.19	1.58	.47	.16
MERRILL			.05			.35	.43	.10			.32		.15	1.15	.06	.10
OAKLAND 1 SE	T		.09			1.12	.36	.12		.05	1.17	.03	.75	.88	.14	.14
SAVAGE RIVER DAM		T	.06	T		.36	.57	.03	T	T	.91		.20	1.56	.04	.02
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW 01																
NEWARK UNIVERSITY FARM				.01		.46				.35	.30		1.24	1.58		
WILMINGTON WSO AP						.86	.01			.48	.04		1.00	.93		
WILMINGTON PORTER RESVR				.02		.51	T	T		.59	T	.10	.98	.74		
						.40				.54			1.50	.35		
SOUTHERN BRIDGEVILLE 1 NW 02																
DOVER						.37				1.15	.97		1.03	.88		
GEORGETOWN 5 SW						.37				.75	.70		.68	1.35		
LEWES						.27				.36	1.65	.08	.10	1.96	.12	
MILFORD 2 WSW				.02		.28				1.17	.51		1.00	1.40		
						.41				1.14	.53		.80	.94	.02	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
MARCH 1984

STATION	DAY OF MONTH																															AVERAGE			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
MARYLAND																																			
SOUTHERN EASTERN SHORE 01																																			
ASSATEAGUE STATE PARK	MAX	40	50	45	43	53	56	46	48	46	37	50	48	55	56	68	69	65	47	56	67	63	62	54	55	50	50	52	52	55	48	53	52.9		
	MIN	23	23	22	25	33	33	32	18	24	18	28	20	24	30	28	30	30	38	35	30	34	34	30	32	40	38	30	32	37	36	37	29.8		
PRINCESS ANNE	MAX	38	46	46	42	56	58	45	45	42	32	47	50	52	56	56	63	60	58	56	62	64	60	59	52	54	55	56	52	52	49	48	52.0		
	MIN	27	20	21	19	31	42	34	13	25	15	23	21	28	35	30	31	29	35	37	30	35	39	42	27	40	37	29	43	31	38	37	30.5		
	OBS		4																																
SALISBURY	MAX	38	46	44	43	54	56	45	43	42	33	49	48	53	55	56	63	60	50	54	62	65	59	57	54	53	54	57	53	50	48	51	51.5		
	MIN	25	22	24	23	33	42	34	26	25	18	25	21	28	35	31	34	38	39	37	35	43	43	41	31	41	38	32	43	36	36	37	32.8		
SALISBURY FAA AP	MAX	41	49	43	46	59	60	48	46	37	37	53	38	58	53	59	65	51	50	56	63	69	62	57	56	53	54	54	49	50	47	49	52.0		
	MIN	25	20	24	22	36	42	30	28	23	19	27	20	34	39	35	36	42	41	39	35	46	44	35	28	41	32	30	43	39	37	30	33.0		
SNOW HILL 4 N	MAX	38	46	45	44	56	55	45	45	43	34	49	49	53	54	57	63	56	46	54	59	65	59	58	57	53	52	56	50	51	48	50	51.3		
	MIN	23	19	23	19	30	42	33	23	25	15	24	21	26	35	30	31	38	39	36	30	42	41	38	25	39	38	28	43	37	35	37	31.1		
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE WTR TRMT PL	MAX	39	46	45	40	53	55	44	44	43	34	49	49	43	52	53	65	65	45	54	59	64	59	56	50	55	54	53	52	47	49	49	50.5		
	MIN	24	23	26	22	33	40	32	28	23	22	24	22	28	34	34	36	34	36	34	36	41	39	42	36	36	35	33	42	35	38	38	32.5		
DENTON 2 E	MAX	36	43	41	41	52	55	45	42	39	32	43	43	40	49	56	67	62	50	55	60	63	62	54	62	53	55	54	43	43	47	49	49.5		
	MIN	23	31	20	30	30	40	33	25	21	14	22	19	26	33	28	38	36	38	34	33	42	36	42	36	41	34	31	40	35	36	35	31.7		
ROYAL OAK 2 SSW	MAX	37	44	42	40	48	54	45	43	41	32	50	46	41	51	56	64	55	51	56	57	61	54	53	55	52	54	53	50	46	50	51	49.4		
	MIN	25	26	26	24	33	40	34	28	23	22	26	20	28	34	30	35	37	40	38	35	44	42	42	35	41	35	31	41	36	37	38	33.1		
VIENNA	MAX	39	46	44	46	52	54	54	55	45	33	50	45	46	51	56	67	65	51	57	61	63	59	57	56	52	57	56	52	48	49	60	52.5		
	MIN	26	21	24	24	24	29	25	25	24	19	25	22	28	34	30	37	41	40	38	34	47	** * *												
	OBS																																		
LOWER SOUTHERN 03																																			
LA PLATA 1 W	MAX	41	42	43	46	47	47	47	45	30	37	52	44	34	53	62	72	63	58	62	65	62	56	56	60	51	56	53	49	46	49	51	50.9		
	MIN	22	22	21	19	35	35	34	23	20	14	25	21	29	31	28	36	39	41	40	36	47	39	41	26	41	32	30	42	32	37	36	31.4		
MECHANICSVILLE 1 SE	MAX										33	35	37	34	53	50	68	52	56	60	62	60	54	52	58	54	56	56	49	43	51	50	51.0		
	MIN										20	27	22	28	33	40	39	37	42	30	40	42	42	41	32	44	34	36	36	36	21	39	34.6		
OWINGS FERRY LANDING	MAX																																		
	MIN																																		
PATUXENT RIVER	MAX	41	50	42	41	57	56	45	45	33	35	53	36	40	54	53	59	46	51	53	55	65	61	58	51	46	53	51	49	45	49	53	49.2		
	MIN	24	25	27	30	38	39	31	30	24	22	31	25	30	35	35	38	39	41	38	33	46	42	39	31	42	37	33	44	37	37	37	34.2		
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	MAX	38	45	43	42	41	46	45	43	40	32	50	46	40	53	53	60	58	54	55	55	60	56	54	52	51	57	56	46	45	50	51	48.9		
	MIN	22	25	23	23	34	40	35	27	21	18	27	21	28	32	29	37	38	40	40	35	43	40	42	30	40	37	34	41	34	36	37	32.5		
BALTIMORE WSO AP	MAX	36	45	43	47	45	46	42	33	27	30	45	29	36	50	56	63	48	49	58	56	60	53	47	53	44	54	47	43	40	49	50	45.9		
	MIN	23	27	23	22	33	37	31	24	17	13	21	19	26	31	30	36	36	39	39	33	42	37	33	25	38	35	31	38	33	36	34	30.4		
BELTSVILLE	MAX	34	35	42	41	43	46	44	42	35	26	34	45	34	41	50	60	66	50	55	58	59	60	52	50	55	43	53	47	44	41	48	46.2		
	MIN	22	7	18	12	23	33	33	23	17	12	18	18	22	21	27	33	22	38	40	32	39	40	39	25	33	36	29	39	32	32	34	27.4		
COLLEGE PARK	MAX	35	37	42	43	45	47	45	44	36	29	38	47	35	44	51	62	67	50	58	59	61	61	53	49	57	46	55	48	44	44	49	47.8		
	MIN	23	22	24	19	31	36	34	25	19	17	22	19	25	31	29	35	38	40	41	35	43	41	40	28	41	36	30	40	33	34	35	31.2		
DALECARLIA RESVR D C	MAX	43	44	42	44	43	45	45	41	32	35	49	44	34	52	61	68	66	56	59	62	60	55	52	58	55	56	54	48	45	49	51	49.9		
	MIN	20	22	22	20	30	39	24	25	18	17	23	20	25	31	28	34	38	35	41	41	35	27	30	28	24	33	29	35	22	35	33	28.5		
	OBS					2										48																			
GLENN DALE BELL STN	MAX	37	44	42	44	42	47	45	38	34	34	48	48	32	54	62	67	65	60	62	60	58	56	57	57	57	55	54	48	44	51	51	50.1		
	MIN	21	19	25	26	33	39	22	18	19	11	18	18	24	31	24	31	36	39	39	32	42	38	40	25	36	32	27	39	32	35	33	29.2		
LAUREL 3 W	MAX																																		
	MIN																																		

SEE REFERENCE NOTES FOLLOWING STATION INDEX.

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
MARCH 1984

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				
NATIONAL ARBORETUM D C	MAX MIN	35 23	36 23	44 24	43 21	43 26	47 33	45 35	45 25	44 18	39 19	34 19	49 19	45 21	42 28	52 27	60 29	69 37	61 38	55 40	61 35	61 37	61 41	53 41	50 27	57 31	52 34	54 34	48 36	41 33	41 31	50 31	48.9 29.5		
UPPER MARLBORO 3 NNW	MAX MIN	37 24	38 20	44 22	43 18	44 23	47 35	45 34	46 23	41 20	29 15	34 21	50 19	34 24	35 31	53 30	61 33	66 38	61 41	55 41	60 32	58 39	60 40	55 41	51 26	58 32	43 34	55 30	48 37	45 34	41 34	50 37	47.6 29.9		
NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	MAX MIN	39 21	41 25	46 20	43 19	50 29	53 37	46 30	41 20	43 26	40 20	44 23	40 27	39 24	52 30	57 24	58 33	61 34	54 32	58 35	60 31	64 39	58 38	50 38	56 25	51 30	55 33	51 30	52 29	45 33	50 25	51 31	49.9 28.7		
CHESTERTOWN	MAX MIN	34 23	42 24	40 22	39 22	44 31	44 37	44 30	44 24	28 15	31 10	45 23	31 19	37 26	49 33	54 29	66 34	45 35	52 39	55 38	61 35	63 42	55 41	47 35	54 30	45 38	54 37	50 33	43 39	40 35	47 36	50 34	45.9 30.6		
MILLINGTON 2 NNW	MAX MIN																																		
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	MAX OBS MIN	34 20	43 22	41 **	43 **	38 **	42 **	43 **	31 **	30 **	42 **	42 **	37 **	47 **	53 **	61 **	60 **	51 **	55 **	58 **	59 **	59 **	50 **	53 **	52 **	55 **	55 **	49 **	41 **	48 **	52 **	47.3 **			
BALTIMORE WSO CI	MAX MIN	38 26	46 30	43 28	46 28	44 35	50 40	46 35	44 28	50 21	34 20	48 28	32 21	48 27	57 35	63 36	53 43	54 42	57 44	60 44	58 43	61 44	59 44	56 40	50 41	57 40	51 40	45 41	44 35	50 39	51 39	48.3 35.1			
BENSON POLICE BARRACKS	MAX MIN	34 16	43 16	41 19	43 16	40 28	42 33	44 28	43 17	31 13	32 5	43 15	40 13	35 20	47 30	60 25	64 32	61 30	55 35	57 35	58 30	59 37	56 32	46 31	55 22	52 36	56 34	57 29	47 35	41 30	48 31	50 30	47.7 26.0		
BOYDS 2 NW	MAX MIN	34 19	42 23	40 18	41 20	40 31	44 36	41 30	35 23	25 15	31 12	43 20	40 15	33 22	47 27	59 30	67 38	59 34	54 36	56 40	60 38	57 41	52 35	46 36	55 28	51 38	54 34	53 35	46 37	43 31	45 35	49 34	46.6 29.4		
CATOCTIN MOUNTAIN PARK	MAX OBS MIN	30 39	39 20	34 15	35 15	36 28	38 30	35 25	34 18	26 9	32 8	37 14	37 10	28 18	42 26	54 27	62 39	50 28	48 32	53 36	50 32	48 31	56 31	42 31	39 25	47 35	50 32	49 30	40 33	35 28	40 29	43 30	41.5 25.1		
CLARKSVILLE 3 NNE	MAX MIN	35 22	43 16	42 17	44 15	45 32	43 37	41 30	28 20	33 17	45 3	42 15	42 3	49 15	60 24	66 30	62 26	54 31	59 35	58 38	58 40	58 41	57 41	57 37	55 37	53 32	47 39	47 32	44 39	42 33	44 34	50 34	47.5 27.6		
CONOWINGO DAM	MAX MIN	35 19	43 20	40 21	46 21	39 31	43 35	43 27	30 21	28 12	37 5	44 15	30 18	44 25	52 31	59 26	45 26	49 32	53 38	56 29	60 37	54 31	46 31	52 32	50 32	53 33	50 29	42 37	40 34	47 36	50 32	45.0 27.5			
DAMASCUS 2 SW	MAX MIN	33 18	41 21	38 17	41 30	41 35	41 29	33 22	25 15	30 10	42 19	34 15	47 15	58 21	66 28	48 37	54 34	57 35	60 40	56 36	54 40	56 40	47 35	44 35	54 29	48 37	53 33	46 34	42 37	41 31	45 33	48 32	44.8 28.5		
EMMITSBURG 2 SE	MAX OBS MIN	33 19	40 18	39 19	39 17	39 30	43 32	43 30	31 21	40 13	32 5	42 13	39 15	48 22	55 28	59 32	60 34	52 36	52 39	59 42	60 37	52 42	50 33	45 33	50 28	52 39	56 35	55 30	46 38	40 32	46 34	50 33	46.5 27.6		
FREDRICK POLICE BRKS	MAX MIN	34 21	41 22	40 21	41 22	40 31	45 37	42 32	40 23	27 11	30 13	43 20	43 12	32 22	49 30	56 28	64 31	64 35	53 38	58 42	62 37	61 42	50 36	46 37	54 30	54 41	56 30	55 33	45 39	40 31	48 31	50 35	47.2 29.6		
PARKTON 2 SW	MAX MIN																																		
ROCKVILLE 1 NE	MAX MIN	33 19	41 22	39 20	42 17	42 33	47 39	42 31	41 24	27 15	32 13	44 22	43 16	33 24	50 30	61 29	68 38	64 37	56 40	60 42	61 36	60 44	52 41	48 40	56 30	56 42	60 36	60 32	47 40	44 32	48 36	51 35	48.6 30.8		
TONSON	MAX MIN OBS	34 20	42 24	40 23	42 19	39 23	44 33	43 31	40 20	30 15	33 9	44 14	38 15	36 18	49 23	58 29	63 32	58 35	51 37	58 36	58 35	59 39	50 36	46 33	54 37	52 33	54 37	50 31	45 38	42 36	45 32	48 44	46.6 27.8		
UNIONVILLE	MAX MIN OBS	34 19	42 16	41 12	37 14	41 29	44 36	42 29	35 18	28 10	30 3	44 10	41 15	32 23	48 31	58 22	67 31	56 34	56 31	59 40	61 29	58 41	48 32	46 35	54 21	52 38	52 34	46 26	42 38	41 31	46 34	51 30	46.2 26.1		
WESTMINSTER POLICE BRK	MAX OBS MIN	31 19	38 21	38 19	38 19	37 27	43 35	41 29	37 19	25 13	28 11	40 17	39 12	33 21	47 30	56 28	63 38	60 31	53 35	55 38	58 34	57 39	48 36	44 32	51 26	52 37	50 35	51 33	45 37	40 31	44 33	46 32	44.8 28.0		
WOODSTOCK	MAX MIN	35 19	44 18	40 18	42 17	39 30	43 36	44 30	39 20	29 17	33 8	45 18	40 16	34 24	48 30	60 29	65 34	59 35	54 37	58 39	59 30	58 40	49 37	46 37	56 24	51 38	53 36	50 28	42 37	41 31	48 34	49 33	46.9 28.4		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
MARCH 1984

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	
APPALACHIAN MOUNTAIN 07	MAX	33	39	41	43	42	42	41	32	28	36	41	37	41	45	56	63	53	49	63	67	63	43	46	56	51	62	53	42	41	46	56	46.8
	MIN	17	15	15	17	32	28	24	11	3	4	12	14	24	24	25	33	34	34	34	37	37	33	25	28	32	33	35	31	31	34	28	25.3
CUMBERLAND 2	MAX	21	24	29	31	34	43	32	30	24	20	27	32	29	38	37	51	58	44	41	56	57	43	35	37	48	43	52	45	35	33	38	37.6
	MIN	10	9	10	10	9	28	22	17	5	0	-3	3	5	15	24	21	27	23	28	32	31	29	25	20	21	31	32	33	28	27	28	19.4
FROSTBURG 2	MAX	33	39	39	40	39	41	41	35	28	32	42	35	30	48	55	61	48	51	57	60	57	47	46	54	52	55	52	42	39	45	48	44.9
	MIN	19	20	18	18	30	34	29	22	13	10	21	14	22	28	24	35	32	35	39	33	39	35	34	27	40	36	32	37	31	34	33	28.2
HAGERSTOWN	MAX	33	39	39	40	39	41	41	35	28	32	42	35	30	48	55	61	48	51	57	60	57	47	46	54	52	55	52	42	39	45	48	44.9
HANCOCK FRUIT LAB	MIN	19	20	18	18	30	34	29	22	13	10	21	14	22	28	24	35	32	35	39	33	39	35	34	27	40	36	32	37	31	34	33	28.2
ALLEGHENY PLATEAU 08	MAX	20	23	30	31	35	45	29	30	23	16	24	33	30	37	35	63	53	45	45	57	63	42	30	36	48	48	49	48	33	30	35	37.6
MC HENRY 2 NW	MIN	7	7	7	9	12	22	20	13	3	0	0	3	5	5	27	32	24	24	30	32	38	26	23	20	26	31	31	33	26	25	24	18.9
OAKLAND 1 SE	MAX	25	30	33	36	48	44	29	29	27	29	34	34	32	39	62	57	48	50	59	67	59	38	39	56	51	53	52	44	36	37	42	42.5
	MIN	9	18	-2	-1	31	23	20	12	6	-17	7	-3	23	30	22	32	26	20	34	33	32	31	24	14	34	31	28	33	27	27	26	20.3
SAVAGE RIVER DAM	MAX	25	29	33	35	36	40	34	34	29	22	30	37	31	41	31	54	60	51	45	60	62	46	38	42	55	48	55	47	37	36	40	40.7
	MIN	14	14	8	8	10	28	25	18	10	-3	-1	5	7	21	26	28	31	31	32	30	32	30	29	22	24	31	30	33	30	31	31	21.5
DELAWARE	MAX	34	42	41	46	42	43	43	42	32	28	44	41	37	45	55	59	55	47	53	59	59	58	53	51	52	55	53	50	44	47	49	47.1
MIDDLETOWN 1 WSW	MIN	21	23	17	20	28	37	32	21	17	1	20	16	24	32	28	32	34	34	36	29	39	37	37	26	37	37	30	37	33	35	22	28.1
NEWARK UNIVERSITY FARM	MAX	33	42	39	40	40	43	48	38	36	30	44	42	37	45	54	58	60	48	54	61	60	57	47	52	50	54	53	46	41	46	50	46.7
	MIN	19	19	20	19	30	30	32	19	13	4	11	16	24	33	29	32	35	37	37	30	40	37	38	26	37	42	30	37	34	35	33	28.3
WILMINGTON WSO AP	MAX	34	42	38	40	40	43	43	32	22	27	42	27	37	45	54	56	44	47	53	60	61	54	45	52	44	55	50	41	39	45	51	44.0
	MIN	18	19	17	17	31	35	25	17	9	2	19	13	23	32	25	32	35	37	37	31	41	36	30	24	37	35	30	37	34	34	31	27.2
WILMINGTON PORTER RESVR	MAX	32	40	38	40	41	42	41	27	27	30	41	31	36	43	52	58	43	47	53	60	60	52	44	50	44	53	52	40	40	43	49	43.5
	MIN	20	21	19	19	30	34	27	12	11	5	12	15	22	31	27	33	34	36	37	34	31	42	32	28	34	33	31	36	30	34	32	27.2
SOUTHERN	MAX	36	44	44	42	52	57	44	43	41	32	50	46	45	49	57	65	64	50	55	62	63	58	55	55	55	55	50	45	47	50	50.5	
BRIDGEVILLE 1 NW	MIN	23	22	20	20	30	40	33	25	22	15	23	19	26	33	28	34	37	38	36	31	42	40	37	25	41	34	30	40	36	34	34	30.6
DOVER	MAX	35	43	42	41	47	56	44	42	40	29	36	40	41	48	56	59	52	50	55	58	65	62	56	53	54	55	55	46	44	50	49	48.5
	MIN	22	21	24	23	30	40	30	22	21	12	18	19	26	33	29	33	37	38	37	33	40	40	41	27	40	37	33	39	34	35	35	30.6
GEORGETOWN 5 SW	MAX	34	36	44	39	41	57	44	44	42	29	38	47	38	55	49	55	63	46	47	53	61	65	56	50	55	45	53	55	48	45	46	47.7
	MIN	23	19	19	19	28	36	33	24	23	13	18	20	23	35	29	32	38	38	37	30	41	40	37	24	35	37	28	40	40	35	36	30.0
LEWES	MAX	37	45	42	39	52	56	43	42	42	30	49	47	51	54	50	61	50	45	51	50	60	56	56	51	50	50	51	44	47	46	49	48.3
	MIN	22	24	24	25	32	40	35	25	22	20	21	22	25	34	32	33	37	37	37	34	41	39	38	30	42	38	30	41	41	35	35	31.8
MILFORD 2 WSW	MAX	35	44	42	41	53	56	45	42	40	31	48	45	44	49	55	64	60	46	54	58	65	58	54	54	54	52	52	46	44	47	49	49.3
	MIN	22	23	23	20	31	40	33	25	23	12	23	19	26	23	28	32	38	38	36	31	40	40	40	26	40	35	30	40	36	35	34	30.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND (INCHES.)

MARYLAND AND  
DELAWARE  
MARCH 1984

STATION	DAY OF MONTH																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																															
SOUTHERN EASTERN SHORE 01																															
SALISBURY FAA AP																															
SNOW HILL 4 N																															
CENTRAL EASTERN SHORE 02																															
ROYAL OAK 2 SSW																															
LOWER SOUTHERN LA PLATA 1 W 03																															
UPPER SOUTHERN BALTIMORE WSO AP 04																															
BELTSVILLE																															
COLLEGE PARK																															
GLENN DALE BELL STN																															
UPPER MARLBORO 3 NNW																															
NORTHERN EASTERN SHORE 05																															
CHESTERTOWN																															
NORTHERN CENTRAL ABERDEEN PHILLIPS FLD 06																															
CATOCTIN MOUNTAIN PARK																															
CONOWINGO DAM																															
DAMASCUS 2 SW																															
EMMITSBURG 2 SE																															
FREDRICK POLICE BRKS																															
ROCKVILLE 1 NE																															

SNOWFALL: INCLUDES SNOW AND ICE  
 SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL  
 WATER EQUIVALENT: GIVEN FOR NWS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.  
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND  
DELAWARE  
MARCH 1984

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		
UNIONVILLE	SNOWFALL								1.0	4.0																								
	SN ON GND								1		T													T							4.0			
WOODSTOCK	SNOWFALL								1.0	4.0				2.0																				
	SN ON GND								1	3	2		2																			2.0		
APPALACHIAN MOUNTAIN 07 CUMBERLAND 2	SNOWFALL					T				6.0			5.0	2.0																				
	SN ON GND		2	1						6			5	5																	3.0	2.0		
FROSTBURG 2	SNOWFALL	2.5	.2		T	.2	.1	.2	.6	10.0	T	.4	.6	3.5	3.6																			
	SN ON GND	9	8	5	4	4	3	3	3	12	10	8	7	10	11	9	6	3	.1			1	T	T	3.5	2.0	.5		1.5					
ALLEGHENY PLATEAU 08 MC HENRY 2 NW	SNOWFALL	4.0	T			T	T	T	7.0			.5	T	2.5	2.0																			
	SN ON GND	10	9	8	7	6	4	4	3	9	8	8	7	8	7	5	3	2	1	T	T			5.0	5.0	1.0		3.0						
OAKLAND 1 SE	SNOWFALL	1.5				T	T	T	6.0	.5		1.0		2.0	T		T	T																
	SN ON GND	10	9	5	3	1	1	1	7	8	7	7	5	6	6	1	T	T	T				5.0	3.5	.5		2.0							
SAVAGE RIVER DAM	SNOWFALL	T				T	T		T	8.0			T	1.0	1.0																			
	SN ON GND	3	2	2	1	T	T		T	8	6	4	3	4	4	2	T	T	T				T	1.0				1.0						
DELAWARE NORTHERN 01 MIDDLETOWN 1 WSW	SNOWFALL					T			T																									
	SN ON GND									3																								
NEWARK UNIVERSITY FARM	SNOWFALL					T			T	5.0				T																				
	SN ON GND																																	
WILMINGTON WSO AP	SNOWFALL					.3			3.9	.1		T		.9		T	T							T										
	SN ON GND					T			4	4	4	2	T	1	T	T	T																	
WILMGTN PORTER RESVR	WTR EQUIV								.2	.2		.1																						
	SNOWFALL								2.0	3.5																								
SOUTHERN 02 BRIDGEVILLE 1 NW	SNOWFALL					T					T																							
	SN ON GND																											T						
MILFORD 2 WSW	SNOWFALL					T					T			T																				
	SN ON GND																												T					

SNOWFALL: INCLUDES SNOW AND ICE  
 SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL  
 WATER EQUIVALENT: GIVEN FOR NWS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.  
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
MARCH 1984

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	0015	06	HARFORD	39 28	76 10W	57	16	16		C	H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	0335	01	WORCESTER	38 14	75 8W	7	17	17			H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	39 11	76 40W	196	MID	MID			C	NATL WEATHER SERVICE
BALTIMORE WSO CI	0470	06	BALTO CITY	39 17	76 37W	91	MID	MID			C	OCHI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES	39 2	76 53W	120	8	8			B	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	17	17			C	MARYLAND STATE POLICE
BOYDS 2 NW	1032	06	MONTGOMERY	39 13	77 20W	580	18	18				HUNTER F STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	39 12	77 1W	330		MID				WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	38 34	76 4W	5	16	16			C	WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17			C	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES	39 3	76 4W	60	17	17			H	MICHAEL B CATE
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	23	23			H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	365	17	17			H	UNIVERSITY OF MARYLAND
COLLEGE PARK	1995	04	PRN GEORGES	38 59	76 57W	90	9	9			C	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	2215	01	SOMERSET	37 59	75 52W	8	17	17				INACTIVE 03/31/83
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	18	7			H	TIMOTHY B THOMAS
DALECARLIA RESVR D C	2325	04		38 56	77 7W	146	17	17				U S CORPS OF ENGINEERS
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	720	19	19			H	RICHARD W SCHWERDT
DENTON 2 E	2523	02	CAROLINE	38 53	75 48W	50	17	17			H	ARTHUR REINHOLD
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905						JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	17	17			H	MRS LUCILLE K BEALE
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE
FREDERICK 3 E	3355	06	FREDERICK	39 24	77 22W	385		7				MISS I MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	7	7			H	LEE K CLOSE
GLENN DALE BELL STN	3675	04	PRN GEORGES	38 58	76 48W	150	16	16			H	USDA PLT INTRODUCT STN
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	18	18				HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	39 42	78 11W	428	16	16			C	SHARPSBURG RESEARCH C
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	18	18			C	C RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN GEORGES	39 6	76 54W	400	MID	MID				WASH SUB SANY COMM
MC HENRY 2 NW	5832	08	GARRETT	39 35	79 22W	2680	8	8			C	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	5865	03	ST MARYS	38 26	76 43W	160	17	17				MRS EDITH R BENNETT
MERRILL	5894	08	GARRETT	39 36	79 5W	1790		9				DELWOOD E MERRILL
MILLINGTON 2 WNW	5985	05	KENT	39 16	75 52W	30	17	17			H	MRS GERALDINE CONNOLLEY
NATIONAL ARBORETUM D C	6350	04		38 54	76 59W	50	8	8			H	U S NATL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17			H	BEA J CROSCO
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	17	17			H	JAMES E BOURNE JR
PARKTON 2 SW	6844	06	BALTIMORE	39 38	76 42W	600	23	23			C	JOHN R FOX
PATUXENT RIVER	6915	03	ST MARY'S	38 20	76 25W	38	MID	MID			C	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		8				POTOMAC WATER FILT PLT
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17			H	UNIVERSITY MARYLAND EAST
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	17	17			H	WASH GAS & LIGHT CO
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	17	17				CITY OF SALISBURY
SALISBURY FAA AP	8005	01	WICOMICO	38 20	75 31W	48	MID	MID			H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	8	8			B	U S CORPS OF ENGINEERS
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	28	18	18			H	CURTIS E SHOCKLEY
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	18	18				BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	18	18			C	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	38 52	76 47W	98	8	8			B	TOBACCO EXP FARM
VIENNA	9140	02	DORCHESTER	38 29	75 50W	12	18	18			H	DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	9440	06	CARROLL	39 33	76 58W	765	17	17				MARYLAND STATE POLICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
MARCH 1984

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ
DELAWARE											
BRIDGEVILLE 1 NW	1330	02	SUSSEX	38 45	75 37W	50	17	17		H	WILLIAM M RAY
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	8	8	8	C	UNIV OF DEL SUBSTATION
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	39 26	75 45W	60	16	16		H	PIONEER HIBRED 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	17	C	UNIV OF DELAWARE
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C H J	NATL WEATHER SERVICE
WILMGTON 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  
MARCH 1984

## DEFINITIONS

**MONTHLY DEGREE DAY TOTALS:** One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is BELOW (ABOVE) 65 degrees Fahrenheit.

**TEMPERATURE:** Original and edited temperature values are given in the Daily Temperature Table. Edited values are produced when an original value is missing or when surrounding stations indicate a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or \*\*\* (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

**PRECIPITATION:** Values shown in inches to hundredths are water equivalent totals, i.e. total of liquid and melted frozen precipitation. In the "MONTHLY SUMMARIZED DATA" table the total snow and sleet values shown in inches to tenths are unmelted amounts. The max. depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The no. of days with .10, .50, 1.00 or more refers to water equivalents.

**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 a time period. Effective 1 January 1983, the averaging period is 1951 to 1980. 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 STATION INDEX TABLE

R Amounts from recording gage.  
// Gage equipped with a windshield.  
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.  
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.

## LETTERS AND SYMBOLS USED IN THE DATA TABLES

BLANK entries in the "Monthly Summarized Data" table indicate no record. BLANK entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero.

BLANK entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See \*\*\* below)

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

\*\*\* Missing original temperature which has been estimated during edit.

\* 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), (1-7 missing values for wind and evaporation).

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. 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.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Data 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 Data 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 FROM:  
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING,  
ASHEVILLE, N.C. 28801 (ATTN: PUBLICATIONS)

USCOMM-NOAA-ASHEVILLE, N.C. MARCH 1984-0895

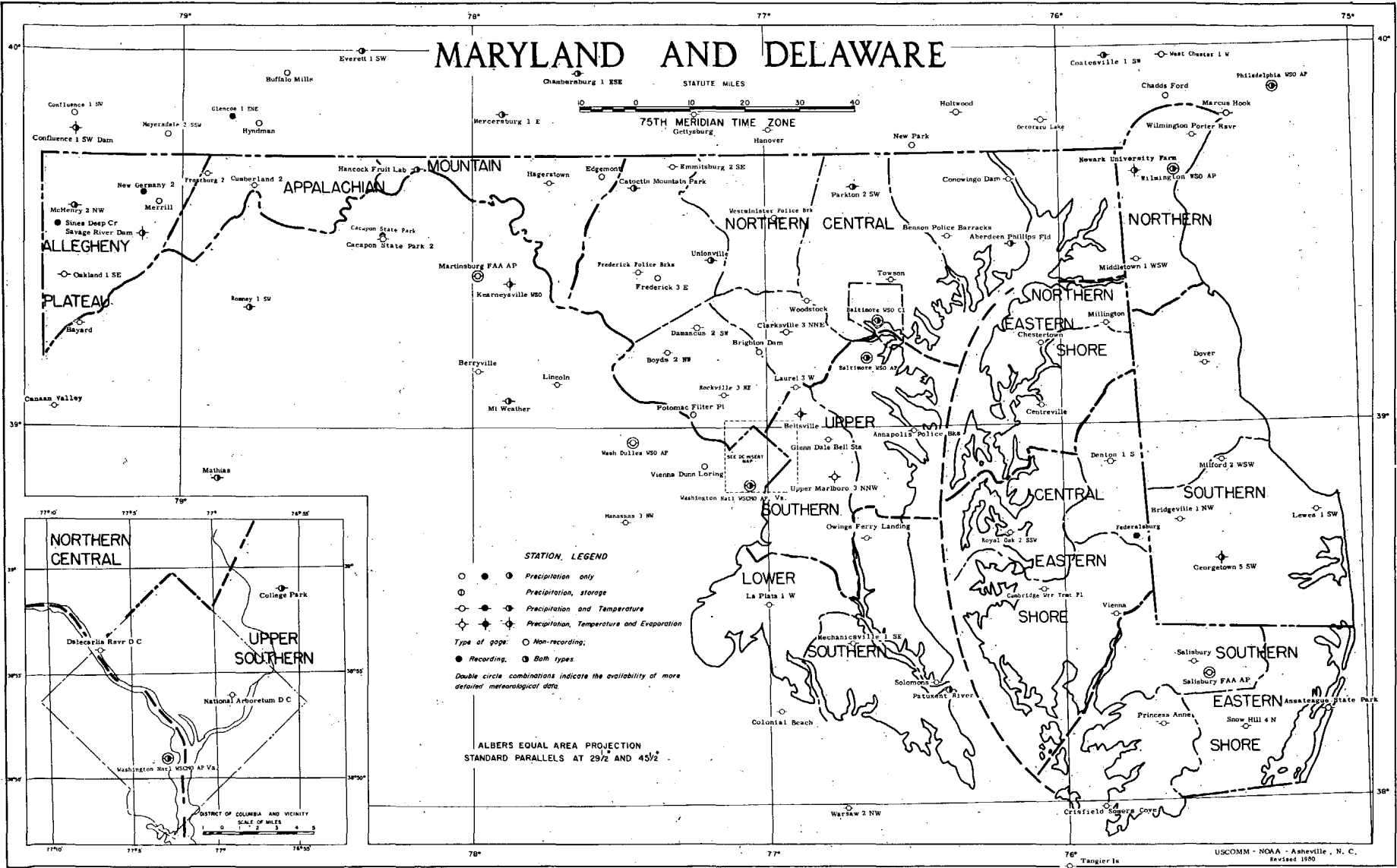


# MARYLAND AND DELAWARE

STATUTE MILES

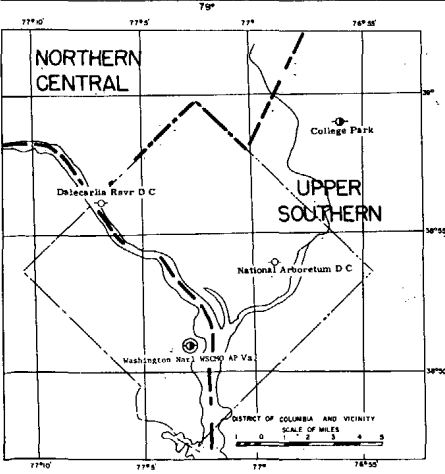


75TH MERIDIAN TIME ZONE  
Gettysburg Hanover



- 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 29 1/2 AND 43 1/2



# CLIMATE PUBLICATIONS AVAILABLE FROM THE NATIONAL CLIMATIC DATA 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.

**A WORLD OF INFORMATION!**

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