

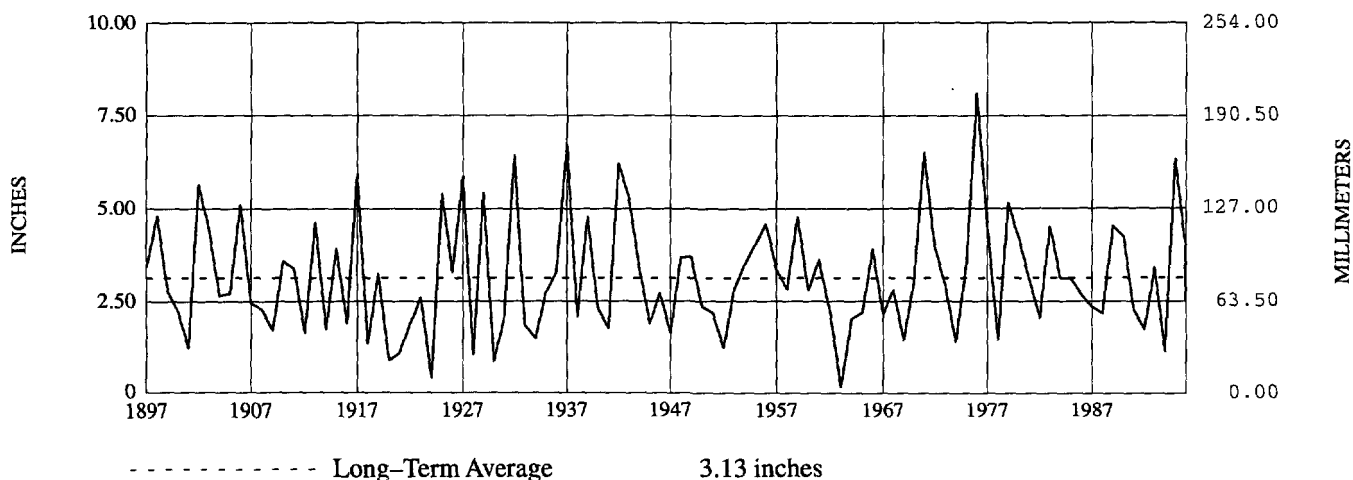
# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

OCTOBER 1996

VOLUME 100 NUMBER 10

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION OCTOBER, 1897-1996

### TEMPERATURE AND PRECIPITATION EXTREMES

#### MARYLAND

HIGHEST TEMPERATURE	84	OCTOBER 31	HANCOCK
LOWEST TEMPERATURE	24	OCTOBER 12	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	6.11		ROYAL OAK 2 SSW
LEAST TOTAL PRECIPITATION	1.91		CUMBERLAND 2
GREATEST 1 DAY PRECIPITATION	3.86	OCTOBER 8	ASSATEAGUE IS NAIL SEA
GREATEST TOTAL SNOWFALL	.3		OAKLAND 1 SE

"I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites supervised by NOAA/National Weather Service and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801."

*Kenneth D. Haden*

DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

**noaa**

National  
Oceanic and  
Atmospheric Administration

National  
Environmental Satellite, Data  
and Information Service

National  
Climatic Data Center  
Asheville, North Carolina

## TEMPERATURE AND PRECIPITATION EXTREMES

### DELAWARE

HIGHEST TEMPERATURE	82	OCTOBER 17	GREENWOOD 2 NE
LOWEST TEMPERATURE	31	OCTOBER 12	GREENWOOD 2 NE
GREATEST TOTAL PRECIPITATION	6.52		NEWARK UNIVERSITY FARM
LEAST TOTAL PRECIPITATION	4.13		GEORGETOWN 5 SW
GREATEST 1 DAY PRECIPITATION	3.35	OCTOBER 19	NEWARK UNIVERSITY FARM

This page intentionally left blank.

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			
											MAX		MIN	
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW
<b>MARYLAND</b>														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE IS NATL SEA	68.9	53.1	61.0		81	17	43	12	130	15	0	0	0	0
PRINCESS ANNE	72.1	45.4	58.8	1.0	79	31+	33	12	195	9	0	0	0	0
SALISBURY	70.1	49.0	59.6	.5	80	17	37	15+	173	12	0	0	0	0
SALISBURY FAA ARPT	68.5	46.8	57.7	.2	82	17	34	12	231	9	0	0	0	0
SNOW HILL 4 N	71.3	47.0	59.2	1.3	83	17	32	12	183	11	0	0	1	0
--DIVISIONAL DATA----->														
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	69.0	49.4	59.2	.1	79	17	33	5	185	12	0	0	0	0
VIENNA	70.3	48.9	59.6	.6	82	17	36	12	175	13	0	0	0	0
--DIVISIONAL DATA----->														
LOWER SOUTHERN 03														
LA PLATA 1 W	68.4	49.1	58.8	1.2	81	30	37	5	196	9	0	0	0	0
MECHANICSVILLE 5 NE	66.5	46.5	56.5	-.3	80	30	33	12+	260	1	0	0	0	0
OWINGS FERRY LANDING	68.5	46.5	57.5	-.1	79	30	33	12	225	1	0	0	0	0
--DIVISIONAL DATA----->														
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	68.4	49.8	59.1	.7	78	17+	38	12	188	7	0	0	0	0
BALTIMORE WSO ARPT R	66.6	44.6	55.6	-1.0	80	17	34	12	283	1	0	0	0	0
BELTSVILLE	67.1	45.2	56.2	1.1	80	31+	34	12+	270	4	0	0	0	0
DALECARLIA RESERVOIR	70.4	45.0	57.7	.3	83	30	25	5	230	13	0	0	1	0
GLENN DALE BELL STN	69.3	45.0	57.2	.8	81	17	32	5	241	5	0	0	1	0
LAUREL 3 W	67.6	47.9	57.8	.5	81	17	37	4	222	5	0	0	0	0
NATIONAL ARBORETUM DC	66.3	44.9	55.6	-1.5	80	18	35	13+	289	3	0	0	0	0
UPPER MARLBORO 3 NNW	67.5	43.8	55.7	.5	81	31+	33	13	287	6	0	0	0	0
--DIVISIONAL DATA----->														
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	67.7	45.5	56.6	-.9	82	17	33	12	255	1	0	0	0	0
MILLINGTON 1 SE M		M	M		77	18	40	29			0	0	0	0
--DIVISIONAL DATA----->														
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	68.3	47.7	58.0	.8	79	17	35	12	218	10	0	0	0	0
BALTIMORE CITY R	68.8	52.7	60.8	.8	83	30	43	4	153	29	0	0	0	0
CATOCTIN MOUNTAIN PARK	64.0	44.3	54.2		77	17+	31	4	330	1	0	0	2	0
CLARKSVILLE 3 NNE	68.7	41.9	55.3		81	16	28	12	295	0	0	0	5	0
CONOWINGO DAM	66.3	47.4	56.9	1.8	78	27+	37	12	251	5	0	0	0	0
DAMASCUS 2 SSW	63.8	42.9	53.4		77	30+	29	12	354	0	0	0	3	0
EMMITSBURG 2 SE	66.2	44.1	55.2	.9	78	30	29	12	300	0	0	0	1	0
FREDERICK POLICE BRKS M		M	M		80	31	34	13+			0	0	0	0
MILLERS 4 NE	64.9	44.1	54.5		78	17	28	12	320	1	0	0	3	0
ROCKVILLE 1 NE	65.2	45.9	55.6	.7	80	30	33	12	288	2	0	0	0	0
UNIONVILLE	67.5	42.8	55.2	2.6	80	17	29	12	297	0	0	0	2	0
WESTMINSTER POL BRKS	66.8	42.7	54.8	-.3	77	18	30	4	311	0	0	0	3	0
WOODSTOCK	67.7	44.8	56.3	.9	80	17+	31	12	265	0	0	0	1	0
--DIVISIONAL DATA----->														
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	66.4	43.0	54.7	-.1	82	16	30	11	312	0	0	0	2	0
FROSTBURG 2	59.0	40.5	49.8		73	31+	30	12	461	0	0	0	3	0
HANCOCK	67.0	40.9	54.0	1.2	84	31	32	13+	339	2	0	0	4	0
--DIVISIONAL DATA----->														
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	61.2	39.3	50.3	.7	73	17+	24	12	450	0	0	0	6	0
SAVAGE RIVER DAM	60.1	40.1	50.1	-.2	73	31+	29	13+	454	0	0	0	4	0
--DIVISIONAL DATA----->														
<b>DELAWARE</b>														
NORTHERN 01														
NEWARK UNIVERSITY FARM	68.3	44.6	56.5	.0	81	17	32	12	262	3	0	0	1	0
WILMINGTON WSO ARPT R	64.7	45.4	55.1	-1.1	81	17	33	12	304	2	0	0	0	0
WILMINGTON PORTER RSVR	64.6	45.8	55.2	-.4	79	17	35	12+	298	2	0	0	0	0
--DIVISIONAL DATA----->														
SOUTHERN 02														
DOVER	67.9	47.9	57.9	-.7	80	18+	35	12	215	2	0	0	0	0
GEORGETOWN 5 SW	68.5	46.9	57.7	1.1	81	18	32	12	227	7	0	0	1	0

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION ( IN )									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SLEET, SNOW			NO. OF DAYS		
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
<b>MARYLAND</b>										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE IS NATL SEA	4.95		3.86	8	M	0		2	2	2
PRINCESS ANNE	4.05	.80	1.75	8	.0	0		4	2	2
SALISBURY	4.19	.96	2.19	8	.0	0		4	2	2
SALISBURY FAA ARPT	4.63	1.21	2.17	8	.0	0		3	2	2
SNOW HILL 4 N	4.64	1.40	2.61	8	.0	0		5	2	2
--DIVISIONAL DATA----->	4.49	1.31			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	6.11	2.96	2.69	19	.0	0		4	3	3
VIENNA	4.85	1.85	2.40	8	.0	0		2	2	2
--DIVISIONAL DATA----->	5.48	2.41			.0					
LOWER SOUTHERN 03										
LA PLATA 1 W	M 2.22		1.27	19	.0	0		4	1	1
MECHANICSVILLE 5 NE	5.13	1.70	2.00	8	.0	0		5	3	2
OWINGS FERRY LANDING	4.65	1.48	2.08	8	.0	0		5	2	2
--DIVISIONAL DATA----->	4.89	1.65			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	4.90	1.59	2.33	19	.0	0		4	2	2
BALTIMORE WSO ARPT R	4.32	1.34	1.88	18	M	M		5	2	2
BELTSVILLE	4.57	1.20			.0	0		4	1	1
DALECARLIA RESERVOIR	5.04	1.54	2.40	19	.0	0		7	2	2
GLENN DALE BELL STN	4.46	1.03	1.98	19	.0	0		7	2	2
LAUREL 3 W	4.45	1.04	1.19	19+	.0	0		6	3	3
NATIONAL ARBORETUM DC	4.90	1.62	2.14	19	.0	0		7	2	2
UPPER MARLBORO 3 NNW	4.61	1.15	2.27	20	.0	0		5	2	2
--DIVISIONAL DATA----->	4.66	1.35			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	4.44	1.30	2.00	19	.0	0		8	2	2
MILLINGTON 1 SE	5.73	2.60	2.78	19	.0	0		2	1	1
--DIVISIONAL DATA----->	5.09	1.95			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	4.97	1.84			.0	0		5	1	1
BALTIMORE CITY R					M	M				
CATOCTIN MOUNTAIN PARK	4.81		2.12	19	.0	0		8	3	1
CLARKSVILLE 3 NNE	4.56		2.40	19	.0	0		5	2	2
CONOWINGO DAM	5.49	2.26	3.16	19	.0	0		7	2	1
DAMASCUS 2 SSW	5.48		1.90	18	.0	0		7	3	3
EMMITSBURG 2 SE	5.17	1.72	2.60	19	.0	0		9	3	1
FREDERICK POLICE BRKS	4.15		2.46	19	.0	0		7	2	1
MILLERS 4 NE	5.41		2.55	19	.0	0		7	2	2
ROCKVILLE 1 NE	4.94	1.60	1.92	18	.0	0		6	3	2
UNIONVILLE	5.49	2.27	1.58	19	.0	0		8	4	3
WESTMINSTER POL BRKS	4.22	.97	2.35	19	.0	0		5	3	1
WOODSTOCK	5.02	1.79	2.59	19	.0	0		5	2	2
--DIVISIONAL DATA----->	4.98	1.64			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	1.91	-.86	.65	19	.0	0		6	1	0
FROSTBURG 2	2.66		.89	19	.0	0		6	1	0
HANCOCK	3.54	.38	1.75	19	.0	0		6	2	1
--DIVISIONAL DATA----->	2.70	-.47			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	3.62	.43	1.00	20	.3	T		10	1	1
SAVAGE RIVER DAM	2.03	-.90	.68	19	.0	0		6	1	0
--DIVISIONAL DATA----->	2.83	-.34			.2					
<b>DELAWARE</b>										
NORTHERN 01										
NEWARK UNIVERSITY FARM	6.52	3.35	3.35	19	.0	0		7	3	2
WILMINGTON WSO ARPT R	4.70	1.82	1.74	19	M	M		7	2	2
WILMINGTON PORTER RSVR	5.89	2.59	2.59	19	.0	0		8	2	2
--DIVISIONAL DATA----->	5.70	2.57			.0					
SOUTHERN 02										
DOVER	4.80	1.54	1.54	19	.0	0		5	4	3
GEORGETOWN 5 SW	4.13	.86	1.97	9	.0	0		4	3	2

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)											NO. OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	MAX		MIN		
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	
GREENWOOD 2 NE LEWES --DIVISIONAL DATA----->	67.9 69.7	46.2 51.8	57.1 60.8 58.4	2.4 .7	82 80	17 2	31 37	12 12	240 145	3 21	0 0	0 0	1 0	0 0	

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION ( IN )									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SLEET, SNOW			NO. OF DAYS		
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
GREENWOOD 2 NE	4.78		2.18	8	.0	0		4	3	3
LEWES	4.84	1.67	2.12	19	.0	0		6	3	2
--DIVISIONAL DATA----->	4.64	1.41			.0					

DAILY PRECIPITATION ( INCHES )

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 IS NATL SEA	4.95								3.86	.02						
PRINCESS ANNE	4.05								1.75	.35	.42					
SALISBURY	4.19								2.19	.43	.10					
SALISBURY FAA ARPT	4.63	.01							2.17	.37						
SNOW HILL 4 N	4.64								2.61	.27	.37					
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	6.11		.03						2.08	.04	1.15					
VIENNA	4.85								2.40	*	.65					
LOWER SOUTHERN 03																
LA PLATA 1 W	M 2.22		.44						-		.21					
MECHANICSVILLE 5 NE	5.13		.19	T					2.00	T	.71					
OWINGS FERRY LANDING	4.65		.26						2.08	.01	.31					
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	4.90		.25						2.02	.03	.12					
BALTIMORE WSO ARPT R	4.32	T	.36						1.33	.22	T					
BELTSVILLE	4.57		.27	.08					.13	1.12	.21					
DALECARLIA RESERVOIR	5.04		.48						1.32	.25	.25					
GLENN DALE BELL STN	4.46		.26					.01	1.31	.26	.30	.01				.01
LAUREL 3 W	4.45		.43						1.19	.21						
NATIONAL ARBORETUM DC	4.90		.11	.23	.01				.13	1.49	.48					
UPPER MARLBORO 3 NNW	4.61		.08	.34					.10	1.61	.21					
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	4.44		.14	T					1.49	.18	.14					
MILLINGTON 1 SE	5.73	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL	4.97		.29						1.29	.38	.24					
BALTIMORE CITY R	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK	4.81		.07						.91	.16	.55	.02				
CLARKSVILLE 3 NNE	4.56		.38						1.20	.08	.08					
CONOWINGO DAM	5.49		.05	.27					.01	.87	.38					
DAMASCUS 2 SSW	5.48		.40						1.37	.12	.01					
EMMITSBURG 2 SE	5.17		.25						.90	.50	.30					
FREDERICK POLICE BRKS	4.15		.11						.88	.08	.10	T				
MILLERS 4 NE	5.41		.15	T					1.44	.06	.26					
POTOMAC FILTER PLANT	5.22		.38						1.30	.12						
ROCKVILLE 1 NE	4.94	T	.48						1.25	.11						
UNIONVILLE	5.49		.08						1.18	.65	.27					
WESTMINSTER POL BRKS	4.22		.74						.68	.04	.17					
WOODSTOCK	5.02		.43						1.28	T	.09					
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	1.91								.02	.36	.42					
FROSTBURG 2	2.66			T					.03	.43	.39	.03				
HANCOCK	3.54								.10	.32	.25					
ALLEGHENY PLATEAU 08																
MERRILL	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OAKLAND 1 SE	3.62			.05					.29	.33	.33	T				
SAVAGE RIVER DAM	2.03			T					.03	.31	.42					
<b>DELAWARE</b>																
NORTHERN 01																
NEWARK UNIVERSITY FARM	6.52		.25						1.29	.56	.36					
WILMINGTON WSO ARPT R	4.70		.15						1.44	.28	.07					
WILMINGTON PORTER RSVR	5.89		.25						1.94	.12	.31					
SOUTHERN 02																
DOVER	4.80		.03						1.25	1.00	.76					
GEORGETOWN 5 SW	4.13		.01	.02					.18	1.97	.53					
GREENWOOD 2 NE	4.78		.01						2.18	.21	1.02					
LEWES	4.84			T					1.65	.55	.22					

DAILY PRECIPITATION ( INCHES )

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01				1.07												
ASSATEAGUE IS NATL SEA				1.40												
PRINCESS ANNE			.03	1.40		.08			.02							
SALISBURY			.05	1.29	.08	.02		.03								
SALISBURY FAA ARPT			T	2.03	.04								T		T	
SNOW HILL 4 N			T	1.25	.10			T	.04				T			
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW				2.69	.12		T						T		T	
VIENNA				1.80												
LOWER SOUTHERN 03																
LA PLATA 1 W				1.27	.30											
MECHANICSVILLE 5 NE			T	1.98	.24	T	T	T				.01	T			
OWINGS FERRY LANDING			.04	1.72	.20	.02		.01				T	T			
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS		T	.01	2.33	.09			.01			*	*	.04			
BALTIMORE WSO ARPT R			1.88	.36	.07	.01	T	.02			T	T	.07			
BELTSVILLE				*	*	2.70			.01						.05	
DALECARLIA RESERVOIR			.06	2.40	.15						.11	.02				
GLENN DALE BELL STN			.13	1.98	.16		.01	T	T				.02			
LAUREL 3 W			1.13	1.19	.15	.04		.03			.02	.06				
NATIONAL ARBORETUM DC				2.14	.20	.02	.02	.03	.03		.02		.02		.02	
UPPER MARLBORO 3 NNW					2.27							T				
NORTHERN EASTERN SHORE 05																
CHESTERTOWN			.11	2.00	.13		.05	T					.20			
MILLINGTON 1 SE	*	2.65	.06	2.78	.07		T						.17			
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL R			T	*	*	2.54	.05	T					.18			
BALTIMORE CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK			.20	2.12	.17	.05	.31	.03					.22			
CLARKSVILLE 3 NNE			.24	2.40	.13	T		.05			T					
CONOWINGO DAM				3.16	.09	.24	.04		.03				.17		.18	
DAMASCUS 2 SSW			1.90	1.27	.25	T	.03	.02		T	T	.01	.10			
EMMITSBURG 2 SE			.12	2.60		T	.30	.10					.10			
FREDERICK POLICE BRKS			.18	2.46	.06	T	.11	.02				.03	.12			
MILLERS 4 NE			.24	2.55	.34	.08	.08	.01					.20			
POTOMAC FILTER PLANT			2.00	1.20	.10	.02	.02	.03			.01		.04			
ROCKVILLE 1 NE			1.92	.87	.26	.01	T	.01			.01		.02			
UNIONVILLE			1.15	1.58	.29	.07	.10					T	.12			
WESTMINSTER POL BRKS				2.35	.05		.14	.05								
WOODSTOCK			.35	2.59	.12		.05	.03					.08			
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2				.65	.20	.11	.10					.02		.03		
FROSTBURG 2				.89	.47	.24	.11	.01	T			.03	T	.03		T
HANCOCK				1.75	.67	.03	.25	.02				*	.15			
ALLEGHENY PLATEAU 08																
MERRILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OAKLAND 1 SE			.24	.41	1.00	.25	.23	T				.28	.21			
SAVAGE RIVER DAM				.68	.22	.14	.14	T	T			.07	.02			
<b>DELAWARE</b>																
NORTHERN 01																
NEWARK UNIVERSITY FARM			.09	3.35	.28		.03						.31			
WILMINGTON WSO ARPT R			.32	1.74	.41	.01	.04	.03					.21		T	
WILMINGTON PORTER RSVR			.26	2.59	.15	.03	T	.02					.22			
SOUTHERN 02																
DOVER			.03	1.54	.02	.11	.02						.04			
GEORGETOWN 5 SW				1.34		.07										
GREENWOOD 2 NE			.02	1.24	.06	T		.02	.01				.02			
LEWES			.12	2.12	.11			.03			T		.04			

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	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 IS NATL SEA	07	MAX	74	75	71	60	63	66	68	63	74	67	62	65	70	77	64
		MIN	55	66	50	47	53	54	60	57	56	52	46	43	47	56	50
PRINCESS ANNE	17	MAX	78	78	76	64	64	69	68	66	76	78	63	66	73	71	76
		OBS												***	***		
		MIN	49	60	57	37	34	43	38	42	53	53	41	33	37	42	39
		OBS												***	***		
SALISBURY	17	MAX	75	76	75	62	62	64	67	66	73	65	67	63	71	73	68
		MIN	52	62	61	39	38	44	51	55	54	55	46	37	40	53	37
SALISBURY FAA ARPT	MID	MAX	75	77	69	57	62	64	67	62	73	64	60	64	70	76	68
		MIN	49	61	45	38	37	44	53	56	53	48	37	34	38	54	45
SNOW HILL 4 N	17	MAX	74	78	75	63	64	66	69	65	74	70	62	64	71	78	77
		MIN	49	63	51	38	36	43	51	50	53	54	39	32	38	52	40
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	78	77	71	61	64	67	67	63	70	63	59	62	70	77	70
		MIN	50	61	61	40	33	38	42	55	53	55	45	37	44	56	43
VIENNA	18	MAX	77	74	78	57	64	65	67	64	73	69	59	64	72	78	77
		OBS									***			***			
		MIN	57	60	49	37	37	42	48	56	54	51	41	36	40	44	44
		OBS									***			***			
LOWER SOUTHERN LA PLATA 1 W 03																	
	18	MAX	75	70	69	58	61	64	62	62	70	62	59	61	70	76	69
		OBS						***		***							
		MIN	52	61	57	40	37	43	43	56	50	52	43	38	47	51	44
		OBS						***		***							
MECHANICSVILLE 5 NE	19	MAX	72	70	67	57	59	61	62	59	68	60	56	59	67	75	64
		MIN	47	60	57	37	33	39	40	54	50	51	40	33	43	50	43
OWINGS FERRY LANDING	17	MAX	74	71	68	62	61	64	63	62	68	61	59	62	71	76	76
		MIN	48	58	59	37	35	42	39	54	47	52	39	33	42	49	41
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																	
	17	MAX	78	74	68	60	64	62	66	64	72	64	60	62	68	75	71
		OBS															
		MIN	52	60	54	44	42	42	46	52	50	54	42	38	48	51	44
		OBS														34	
BALTIMORE WSO ARPT	MID	MAX	75	69	66	56	60	63	66	61	70	62	58	63	73	77	65
		MIN	48	59	47	36	35	37	38	54	48	43	37	34	40	46	37
BELTSVILLE	08	MAX	77	77	71	64	55	60	64	67	59	70	61	58	62	72	76
		MIN	48	53	59	37	34	39	40	45	49	49	41	34	40	48	40
DALECARLIA RESERVOIR	17	MAX	77	75	71	63	58	65	68	67	71	70	59	64	74	78	74
		MIN	49	59	58	35	25	38	34	40	46	46	38	36	41	48	41
		OBS			52												
GLENN DALE BELL STN	16	MAX	77	75	70	62	59	64	66	66	70	66	60	62	66	68	77
		MIN	47	59	58	33	32	36	33	53	46	50	36	42	43	47	45
		OBS														32	
LAUREL 3 W	MID	MAX	77	71	67	59	62	65	67	62	71	61	59	64	73	77	68
		MIN	53	58	48	37	40	41	43	51	50	46	42	40	46	54	49
NATIONAL ARBORETUM DC	07	MAX	76	66	70	63	65	61	62	67	67	69	60	57	60	71	74
		MIN	48	50	61	39	35	36	40	45	45	44	35	35	35	46	41
UPPER MARLBORO 3 NNW	08	MAX	76	76	70	64	56	61	64	67	59	68	61	59	63	74	77
		MIN	47	48	60	37	34	34	38	40	51	49	42	34	33	42	40
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	79	71	66	58	62	67	71	60	72	64	59	63	73	78	66
		MIN	50	58	45	37	34	37	40	52	50	49	39	33	41	51	39
MILLINGTON 1 SE	18	MAX															
		MIN															
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06																	
	16	MAX	76	76	65	61	59	64	67	66	70	69	59	59	72	78	78
		OBS						***							***		
		MIN	50	61	56	37	36	39	41	54	50	53	40	35	45	51	40
		OBS						***						***	***	***	
BALTIMORE CITY	MID	MAX	70	70	68	58	62	66	69	60	74	66	62	66	77	81	66
		MIN	56	61	47	43	44	47	49	55	57	52	48	44	51	57	50
CATOCTIN MOUNTAIN PARK	17	MAX	72	73	61	56	56	60	66	60	64	59	52	64	70	72	66
		MIN	52	53	48	31	32	35	43	50	45	45	39	33	40	52	38
CLARKSVILLE 3 NNE	17	MAX	77	71	67	58	59	63	67	63	72	62	57	64	74	77	73
		MIN	44	56	55	32	30	32	33	51	42	51	33	28	35	45	33
CONOWINGO DAM	MID	MAX	76	65	66	56	63	70	70	59	70	69	62	66	74	78	67
		MIN	54	58	48	38	38	39	43	54	48	48	40	37	46	52	45
		OBS															
DAMASCUS 2 SSW	22	MAX	74	65	62	54	58	61	65	56	67	58	55	62	69	74	65
		OBS															
		MIN	46	56	42	31	30	34	37	50	43	43	35	29	41	46	38
		OBS															
EMMITSBURG 2 SE	17	MAX	74	71	71	56	57	61	65	64	68	61	56	59	70	75	74

DAILY TEMPERATURES ( °F )

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>MARYLAND</b>																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE IS NATL SEA	73	81	71	66	58	65	70	72	71	71	70	67	74	65	71	72	68.9
PRINCESS ANNE	54	58	58	48	47	49	54	59	54	48	55	56	58	45	58	53	53.1
	75	79	76	74	70	64	70	76	72	71	73	72	74	72	73	79	72.1
	37	55	51	46	43	37	49	54	50	42	51	51	56	44	43	40	45.4
SALISBURY	77	80	78	71	56	62	68	77	71	68	72	71	73	67	79	76	70.1
SALISBURY FAA ARPT	44	56	54	46	45	41	52	55	52	46	53	56	57	46	45	47	49.0
	74	82	74	53	53	63	69	78	70	69	73	72	74	62	79	70	68.5
	44	53	51	47	46	39	50	55	48	45	52	55	48	41	40	44	46.8
SNOW HILL 4 N	75	83	79	69	55	64	71	77	71	71	73	70	75	71	79	78	71.3
	42	55	52	47	49	37	49	53	52	44	52	55	55	41	41	45	47.0
<b>CENTRAL EASTERN SHORE 02</b>																	
ROYAL OAK 2 SSW	75	79	74	70	55	62	64	73	69	68	72	71	69	66	77	75	69.0
	47	54	57	46	47	42	53	56	47	47	53	57	56	50	47	58	49.4
VIENNA	72	82	74	72	62	65	69	73	71	69	74	70	74	64	77	72	70.3
	50	58	62	46	51	42	45	57	49	46	53	57	58	46	47	54	48.9
<b>LOWER SOUTHERN 03</b>																	
LA PLATA 1 W	75	79	75	70	55	62	65	75	73	66	71	74	70	66	81	75	68.4
	49	56	58	45	45	40	51	54	47	46	55	58	56	46	52	50	49.1
MECHANICSVILLE 5 NE	73	77	73	68	54	61	64	74	69	65	68	72	71	62	80	73	66.5
	45	55	53	43	44	37	49	51	45	43	52	56	55	42	49	46	46.5
OWINGS FERRY LANDING	75	78	74	68	55	62	63	75	72	70	70	73	70	67	79	75	68.5
	52	54	55	43	43	37	50	49	46	44	52	55	54	42	46	45	46.5
<b>UPPER SOUTHERN 04</b>																	
ANNAPOLIS POLICE BRKS	74	78	72	68	52	61	60	71	70	72	70	72	70	68	77	76	68.4
	48	54	64	42	50	50	51	56	48	48	50	60	58	45	48	52	49.8
											***	***					
BALTIMORE WSO ARPT	79	80	67	52	53	62	62	73	69	62	71	72	70	64	78	68	66.6
	41	50	50	44	45	42	51	48	43	44	51	55	45	37	53	46	44.6
BELTSVILLE	68	77	80	68	51	54	62	63	73	69	63	70	74	70	65	80	67.1
	43	47	53	43	44	42	45	46	43	44	46	55	55	39	46	54	45.2
DALECARLIA RESERVOIR	79	81	78	70	56	62	65	72	71	69	70	76	71	67	83	79	70.4
	45	52	67	41	42	39	61	46	42	44	48	55	50	38	46	45	45.0
												68					
GLENN DALE BELL STN	79	81	78	70	62	63	62	73	70	69	62	72	74	69	79	78	69.3
	42	51	55	43	43	39	50	45	41	43	50	52	51	37	44	50	45.0
LAUREL 3 W	79	81	68	51	55	62	64	70	70	63	71	74	69	65	80	70	67.6
	49	57	49	41	43	42	51	50	49	50	52	54	53	45	49	54	47.9
NATIONAL ARBORETUM DC	66	76	80	70	50	53	61	61	70	68	62	70	72	68	64	76	66.3
	41	52	54	44	45	42	41	47	42	43	46	54	58	43	46	50	44.9
UPPER MARLBORO 3 NNW	67	79	81	71	51	53	62	62	74	70	65	71	75	72	65	81	67.5
	40	44	52	43	43	39	49	46	46	44	44	52	56	42	44	55	43.8
<b>NORTHERN EASTERN SHORE 05</b>																	
CHESTERTOWN	77	82	65	62	51	64	61	76	70	62	74	73	68	62	76	68	67.7
	43	50	55	42	43	43	49	48	49	46	49	53	49	42	46	48	45.5
MILLINGTON 1 SE			77	62	51	64	62	76	76	62	74	72	67	62	75	73	M
			53	44	45	44	51	50	49	45	49	53	55	40	42	42	M
<b>NORTHERN CENTRAL 06</b>																	
ABERDEEN PHILLIPS FIEL	73	79	78	64	53	60	59	72	68	68	70	71	69	69	73	73	68.3
	44	55	60	45	50	43	51	53	47	44	49	58	57	40	45	51	47.7
				***	***							***					
				***	***							***					
BALTIMORE CITY	78	81	66	53	54	64	63	73	72	64	71	74	76	71	83	76	68.8
	51	60	50	46	46	47	54	54	55	54	57	59	60	55	61	63	52.7
CATOCTIN MOUNTAIN PARK	77	77	71	61	50	53	53	61	62	59	69	69	66	60	75	69	64.0
	49	55	55	36	38	38	45	44	45	47	50	52	56	39	46	43	44.3
CLARKSVILLE 3 NNE	81	80	70	65	53	64	69	70	68	70	71	74	71	64	79	76	68.7
	39	45	51	45	41	39	45	44	43	40	45	52	55	32	40	44	41.9
CONOWINGO DAM	75	75	65	51	50	60	59	70	70	61	70	78	63	58	72	68	66.3
	45	56	51	44	46	44	50	48	47	44	48	60	51	46	49	51	47.4
															60		
DAMASCUS 2 SSW	75	77	65	48	51	58	59	66	66	59	69	68	69	61	77	66	63.8
	43	49	48	39	41	37	47	48	40	51	48	56	51	37	46	49	42.9
																***	
																***	
EMMITSBURG 2 SE	76	77	74	61	52	57	56	66	66	66	69	68	68	61	78	75	66.2

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FREDERICK POLICE BRKS	17	OBS				71											
		MIN	43	55	54	33	33	37	35	52	44	52	37	29	40	53	36
		MAX	77	75	68	61											
MILLERS 4 NE	18	MIN	49	57	55	37	35	39	40	59	51	51	41	34	34	44	42
		MAX	75	69	63	54	59	63	67	60	69	58	54	60	69	74	69
		MIN	49	54	51	32	31	33	36	49	46	48	35	28	41	51	40
ROCKVILLE 1 NE	MID	MAX	74	68	66	54	58	61	65	60	67	58	57	61	71	75	67
		MIN	49	59	45	37	35	39	40	52	49	47	39	33	40	51	42
		MAX	79	68	67	58	62	65	70	62	64	71	58	62	72	78	77
WESTMINSTER POL BRKS	17	OBS															
		MIN	44	57	54	31	33	33	33	51	50	39	34	29	37	46	42
		MAX	75	74	66	58	60	62	65	67	68	67	59	60	69	74	76
WOODSTOCK	18	MIN	46	52	48	30	31	35	37	47	45	44	35	31	39	52	39
		MAX	78	70	67	57	60	64	69	64	70	63	57	63	73	77	72
		MIN	46	58	55	34	34	36	36	52	45	48	37	31	39	49	38
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	OBS															
		MIN	50	51	49	34	35	36	39	47	46	43	30	31	44	39	40
		MAX	77	71	68	58	61	65	68	64	56	57	56	64	77	74	71
FROSTBURG 2	07	OBS				34											
		MIN	45	49	48	33	31	35	35	39	42	39	30	31	51	51	41
		MAX	70	68	65	51	48	52	56	64	53	55	48	47	56	69	65
HANCOCK	08	MIN	45	49	48	33	31	35	35	39	42	39	30	31	51	51	41
		MAX	77	75	68	60	58	63	61	67	58	66	58	56	64	75	73
		OBS	75	68	60	58	***	61	67	58	66	58	56	64	75	73	74
ALLEGHENY PLATEAU OAKLAND 1 SE	08	MIN	43	47	52	32	32	32	33	47	41	49	41	33	32	36	41
		MAX	47	52	32	32	***	33	47	41	49	41	33	32	36	41	42
		OBS	47	52	32	32	***	33	47	41	49	41	33	32	36	41	42
SAVAGE RIVER DAM	08	MIN	37	44	42	27	36	36	31	44	46	40	37	24	30	49	31
		MAX	69	69	67	54	48	53	57	61	56	54	51	49	58	67	67
		MIN	44	46	47	32	32	34	36	37	46	45	42	29	29	45	37
<b>DELAWARE</b>																	
NORTHERN NEWARK UNIVERSITY FARM	01	OBS															
		MIN	48	55	55	35	33	35	38	53	50	52	38	32	42	49	37
		MAX	77	72	66	60	59	63	70	67	72	66	59	62	72	77	73
WILMINGTON WSO ARPT	MID	OBS															
		MIN	50	60	41	34	35	37	39	55	50	43	38	33	41	51	38
		MAX	75	65	65	55	57	61	68	58	70	60	55	60	69	75	62
WILMINGTON PORTER RSVR	MID	MIN	53	58	42	35	37	39	41	53	50	44	39	35	41	48	39
		MAX	75	65	65	55	57	61	68	58	70	60	55	60	69	75	62
		OBS	53	58	42	35	37	39	41	53	50	44	39	35	41	48	39
SOUTHERN DOVER	02	OBS															
		MIN	51	54	58	41	38	41	46	54	52	54	41	35	42	56	40
		MAX	76	75	77	66	55	62	63	66	62	72	64	58	63	72	76
GEORGETOWN 5 SW	08	OBS															
		MIN	48	55	60	40	37	42	42	57	51	54	41	32	38	51	42
		MAX	75	73	69	57	61	64	65	62	71	62	58	62	71	76	76
GREENWOOD 2 NE	18	MIN	46	55	55	35	34	39	43	55	52	53	40	31	39	54	38
		MAX	72	80	79	62	65	62	69	65	68	68	61	59	71	76	76
		MIN	54	61	61	46	49	52	55	60	55	56	43	37	44	56	51
LEWES	17	OBS															
		MIN	46	55	55	35	34	39	43	55	52	53	40	31	39	54	38
		MAX	72	80	79	62	65	62	69	65	68	68	61	59	71	76	76
LEWES	17	MIN	54	61	61	46	49	52	55	60	55	56	43	37	44	56	51
		MAX	72	80	79	62	65	62	69	65	68	68	61	59	71	76	76
		MIN	54	61	61	46	49	52	55	60	55	56	43	37	44	56	51

DAILY TEMPERATURES ( °F )

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FREDERICK POLICE BRKS	42	47	50	41	44	41	48	48	45	40	46	53	57	38	44	50	44.1
				46										62	77	80	M
	48	52	56	42	44	44	50	45	47	49	50	56	61	44	48	52	47.0
MILLERS 4 NE	76	78	68	61	50	58	56	66	65	60	70	70	67	60	74	70	64.9
	44	54	56	39	41	40	47	48	45	44	47	53	56	37	44	48	44.1
ROCKVILLE 1 NE	76	77	68	49	52	59	61	69	68	60	69	70	70	62	80	69	65.2
	47	50	47	41	42	41	51	48	44	47	51	56	54	42	53	51	45.9
UNIONVILLE	79	80	75	52	52	58	59	68	68	62	72	70	71	64	79	72	67.5
	64		60							50							
	33	46	48	41	48	42	48	44	46	39	45	52	56	34	41	50	42.8
WESTMINSTER POL BRKS	76	75	77	54	50	59	58	67	65	65	69	69	69	69	76	73	66.8
	51	49	46	35	39	37	43	45	45	48	45	49	53	37	42	49	42.7
													42				
WOODSTOCK	80	80	72	64	52	61	60	68	69	60	70	72	69	64	79	74	67.7
	42	50	55	41	43	40	49	49	45	42	48	55	58	37	45	52	44.8
APPALACHIAN MOUNTAIN CUMBERLAND 2	82	80	75	55	54	49	58	67	65	64	67	68	69	67	81	69	66.4
	45	48	41	43	35	36	48	48	43	44	50	55	55	39	46	43	43.0
													38				
FROSTBURG 2	62	73	70	68	40	46	49	55	64	56	59	63	64	62	59	73	59.0
	37	51	49	34	35	34	36	46	46	43	41	50	52	35	34	42	40.5
HANCOCK	74	83	81	74	54	52	55	56	69	67	67	71	71	70	70	84	67.0
	83	81	74	54	52	55	56	69	67	67	***	71	***	70	84	65	
	42	44	41	38	40	34	43	44	49	35	46	49	53	37	34	49	40.9
	44	41	38	40	34	43	44	49	35	46	***	38	***	34	49	41	
ALLEGHENY PLATEAU OAKLAND 1 SE	73	73	72	46	42	47	61	64	58	58	66	65	61	62	71	64	61.2
	38	38	43	35	33	36	45	47	45	34	45	51	52	30	52	39	39.3
SAVAGE RIVER DAM	63	73	71	70	43	47	52	58	62	57	59	64	64	65	61	73	60.1
	36	44	46	40	39	35	37	47	45	38	38	48	54	35	36	44	40.1
DELAWARE																	
NORTHERN NEWARK UNIVERSITY FARM	76	81	77	63	51	62	60	78	70	66	70	72	66	69	73	69	68.3
	40	53	55	44	44	40	50	49	47	44	46	54	50	38	39	38	44.6
														55			
WILMINGTON WSO ARPT	75	81	65	53	51	59	59	75	67	62	68	69	67	60	72	64	64.7
	45	53	53	45	46	40	50	52	48	46	46	53	47	42	51	44	45.4
WILMINGTON PORTER RSVR	75	79	63	60	51	60	59	74	67	62	69	70	65	59	71	63	64.6
	45	55	57	45	44	43	49	50	48	47	47	52	50	40	49	46	45.8
SOUTHERN DOVER	75	80	80	64	52	59	60	74	72	67	68	69	69	66	75	75	67.9
	45	53	50	45	44	43	51	50	50	45	51	53	57	45	45	55	47.9
GEORGETOWN 5 SW	66	76	81	71	57	71	63	66	77	69	68	72	61	72	68	78	68.5
				72													
GREENWOOD 2 NE	44	54	53	46	45	40	44	53	49	43	46	53	56	43	40	54	46.9
	75	82	68	64	50	62	64	77	69	67	73	71	69	62	76	74	67.9
	43	53	53	45	44	41	51	52	46	44	51	54	53	43	42	49	46.2
LEWES	77	79	76	64	56	61	69	78	71	68	71	70	70	67	78	74	69.7
	46	59	57	47	44	44	53	57	56	48	54	54	59	49	44	56	51.8

EVAPORATION AND WIND

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																
UPPER SOUTHERN 04																
BELTSVILLE	WIND	20	35	22	90	39	*	57	35	116	47	74	*	*	110	53
	EVAP	12	16	3	23	11	*	17	8	10	11	16	*	*	30	17
	MAX	80	78	69	70	63	-	67	72	58	70	64	-	-	71	75
	MIN	50	52	60	40	40	-	39	44	49	49	41	-	-	39	46
UPPER MARLBORO 3 NNW	WIND	0	1	1	44	7	6	9	0	54	1	25	7	8	6	5
	EVAP	-	30	4	22	11	8	11	2	10	10	20	12	12	11	16
	MAX	82	82	71	73	66	64	71	64	60	70	69	66	68	74	77
	MIN	53	56	63	42	41	42	45	47	51	51	47	42	42	47	50
<b>DELAWARE</b>																
NORTHERN 01																
NEWARK UNIVERSITY FARM	WIND	16	11	35	34	32	22	10	40	56	47	43	12	12	34	16
	EVAP	12	4	10	17	10	3	8	0	6	19	17	14	14	-	9
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN 02																
GEORGETOWN 5 SW	WIND	10	0	1	45	24	11	13	9	96	1	27	13	2	26	21
	EVAP	13	21	2	17	25	5	14	7	-	-	-	11	8	24	25
	MAX	76	76	74	67	58	60	54	64	61	71	64	62	63	68	73
	MIN	51	58	63	40	38	42	41	54	54	53	44	34	41	49	48

Evaporation: Is measured in hundredths of inches  
 Wind: Is measured in miles  
 Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

EVAPORATION AND WIND

STATION	DAY OF MONTH																TOTAL OR AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>MARYLAND</b>																	
UPPER SOUTHERN 04 BELTSVILLE	23	28	19	*	*	256	30	11	52	32	*	*	45	43	50	99	1386
	10	9	9	*	*	57	7	4	4	16	*	*	13	11	11	18	3.43
	70	77	79	-	-	67	62	60	65	69	-	-	72	68	65	75	69.4
	46	47	55	-	-	42	43	49	49	49	-	-	48	42	42	55	46.5
UPPER MARLBORO 3 NNW	7	7	15	46	27	6	12	23	10	3	1	0	2	8	14	80	435
	13	12	11	9	2	7	6	3	14	7	5	0	5	10	12	12	3.17B
	72	78	81	73	51	55	63	63	68	71	64	70	75	68	67	74	69.4
	49	48	57	46	45	43	43	51	50	50	49	53	58	46	45	50	48.5
<b>DELAWARE</b>																	
NORTHERN 01 NEWARK UNIVERSITY FARM	12	11	58	97	35	12	7	13	37	8	10	12	28	31	19	41	851
	5	10	2	-	4	3	0	5	9	5	4	1	11	4	7	12	2.40B
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
SOUTHERN 02 GEORGETOWN 5 SW	3	21	1	53	18	2	4	0	60	18	2	0	12	20	21	70	604
	11	19	-	29	4	7	9	7	13	17	10	17	4	5	12	20	4.09B
	68	73	77	68	54	51	61	63	71	68	63	69	66	66	62	68	65.8
	48	60	58	46	41	43	42	53	54	50	50	55	55	45	46	50	48.6

Evaporation: Is measured in hundredths of inches

Wind: Is measured in miles

Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

SNOWFALL AND SNOW ON GROUND ( INCHES )

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b> ALLEGHENY PLATEAU 08 OAKLAND 1 SE	SNOWFALL SN ON GND															

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).  
 Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).  
 Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT).

SNOWFALL AND SNOW ON GROUND ( INCHES )

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>MARYLAND</b> ALLEGHENY PLATEAU 08 OAKLAND 1 SE				T T	.3											

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).  
 Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).  
 Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT).

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	
<b>MARYLAND</b>											
ABERDEEN PHILLIPS FIEL	0015	06	HARFORD	39 28	76 10W	57	16	16		C H	PHILLIPS ARMY AIRFIELD
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	17	17		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE IS NATL SEA	0335	01	WORCESTER	38 14	75 8W	10	07	07		H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	R 0465	04	ANNE ARUNDEL	39 11	76 40W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE CITY	# R 0470	06	BALTIMORE CI	39 17	76 37W	14	MID	MID		C H	NATIONAL WEATHER SERVICE
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	145	08	08	08	C H	AGRI RESEARCH CTR EAST
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	17	17		H	INACTIVE 03/01/95
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		H	CATOCTIN MOUNTAIN PARK
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	370	17	17		H	CMREC - CLARKSVILLE
COLLEGE PARK	1995	04	PRINCE GEORG	38 59	76 57W	90	09	09		C H	INACTIVE 04/01/96
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	17	07		H	TIMOTHY B THOMAS
DALECARLIA RESERVOIR	2325	04	DIS COLUMBIA	38 56	77 7W	150	17	17		H	U S CORPS OF ENGINEERS
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	722	19	19		H	INACTIVE 01/01/92
DAMASCUS 2 SSW	2336	06	MONTGOMERY	39 16	77 14W	670	22	22		H	ROBERT J LEFFLER
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	17	17		H	LUCILLE K BEALE
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17		H	MARYLAND STATE POLICE
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	07	07		H	KENNETH L CLOSE
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	16	16		H	USDA PLANT INTRODUCT STN
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	08	08		H	INACTIVE 11/01/93
HANCOCK	4030	07	WASHINGTON	39 42	78 11W	428	08	08		C H	TOWN OF HANCOCK
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	18	18		H	BONNIE L RAFER
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	MID	MID		H	WA SUBURBAN SANITARY COM
MECHANICSVILLE 5 NE	5865	03	ST MARYS	38 27	76 41W	100	19	19		H	SANDRA J HASTINGS
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	09	36		H	DELMARVA MERRILL
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	BOBBY MILLER
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	18	18		H	HOWARD L HARVEY
NATIONAL ARBORETUM DC	6350	04	DIS COLUMBIA	38 54	76 59W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2419	17	17		H	BEA J CROSCO
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	17	17		H	JAMES C RASMUSSEN
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		08		H	POTOMAC WATER FILT PLANT
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17		H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	MID	17		H	WASHINGTON GAS & ELEC 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		H	CITY OF SALISBURY
SALISBURY FAA ARPT	# 8005	01	WICOMICO	38 20	75 31W	50	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08	C H	US CORPS OF ENGINEERS
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17		H	CURTIS E SHOCKLEY
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	18	18		H	INACTIVE 08/01/96
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	17	17		C H	ROBERT YOUNG
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	08	08	08	H	UNIVERSITY OF MARYLAND
VIENNA	9140	02	DORCHESTER	38 29	75 50W	10	18	18		H	DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	9440	06	CARROLL	39 33	76 58W	765	17	17		H	MARYLAND STATE POLICE
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ
<b>DELAWARE</b>											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE HIGHWAY DEPT
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	08	08	08	C H	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	R 9595	01	NEW CASTLE	39 40	75 36W	74	MID	MID		C HJ	NATIONAL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	PUBLIC WORKS

## REFERENCE NOTES

### DEFINITIONS

**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.

**DIVISIONS:** Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (i.e. not precipitation alone).

**NORMALS:** The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

**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.

**PRECIPITATION:** Values shown in hundredths of inches 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 tenths of inches are unmelted amounts. The max depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The number of days with .10, .50, 1.00 or more refers to water equivalents.

**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 indicated 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.

**WIND:** (As shown in the "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.

### SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

# Thermometers located in a rooftop shelter.  
// Rain 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 rain gage unless indicated by an R.  
G Observations appear in the "Soil Temperatures" table.  
H Observations appear in the "Snowfall and Snow on the Ground" table.  
J Station also published as a Local Climatological Data publication.  
MID Observation time is midnight.  
MO Rain gage read once monthly, usually the last day.  
OC Rain gage readings vary from a few weeks to several months.  
R Amounts from recording rain gage.  
SR Observation time near sunrise.  
SS Observation time near sunset.  
VAR Observation time varies.  
WI Rain gage read weekly or irregularly.  
WM Rain gage read weekly and last day of the month.

### SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK Entries in the "Monthly Summarized Data" table indicate no record.

BLANK Entries in the "Daily Precipitation" and "Snowfall and Snow on the 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 check, 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.

\* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A \* preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

// Rain 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 rain gage.

T Trace. An amount too small to measure.

V Includes total for previous month(s). (See \* above)

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary."

A change in operating systems at the National Climatic Data Center necessitates the temporary suspension of the graphics products that have appeared on the cover and inside "Climatological Data." We will resume the publication of similar, but not identical, graphics as soon as resources permit. We regret any inconvenience this change may cause our subscribers.

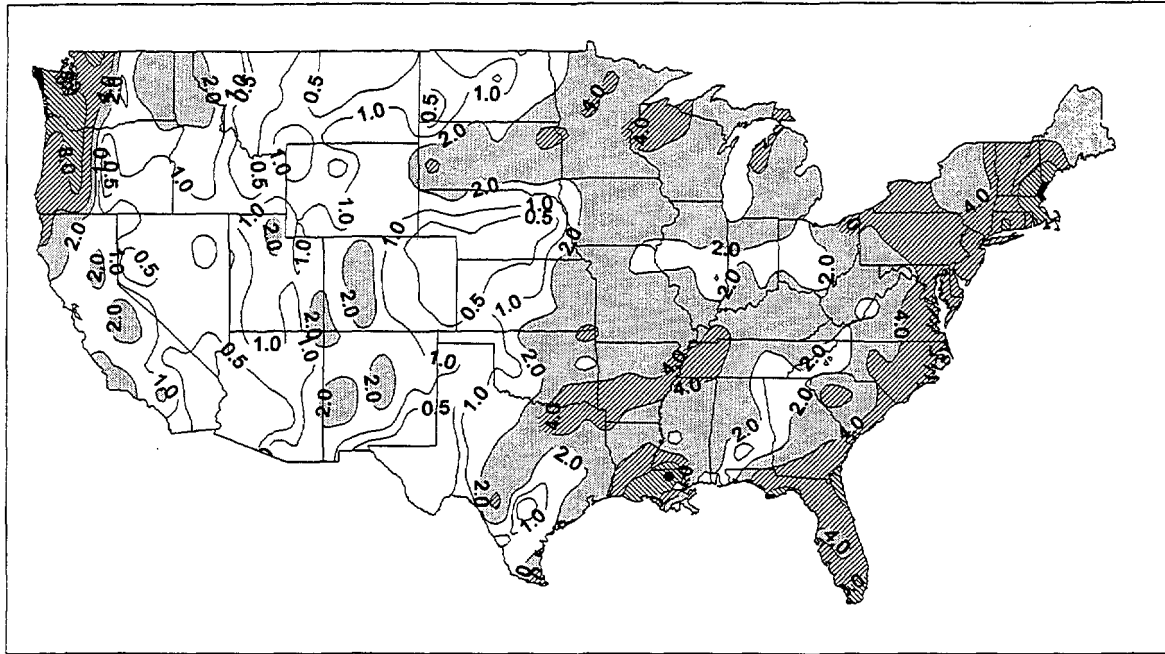
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

### SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

NATIONAL CLIMATIC DATA CENTER  
ROOM 120  
151 PATTON AVENUE  
ASHEVILLE, NC 28801-5001

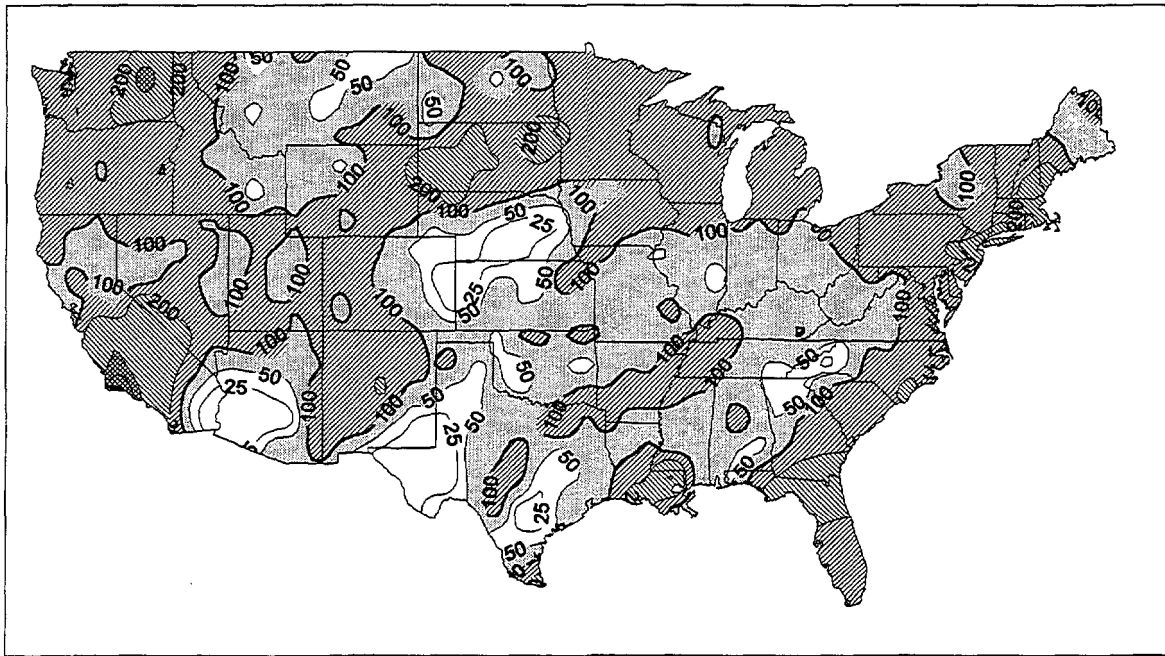
### Total Precipitation (Inches)

October 1996



### Percent of Normal Precipitation

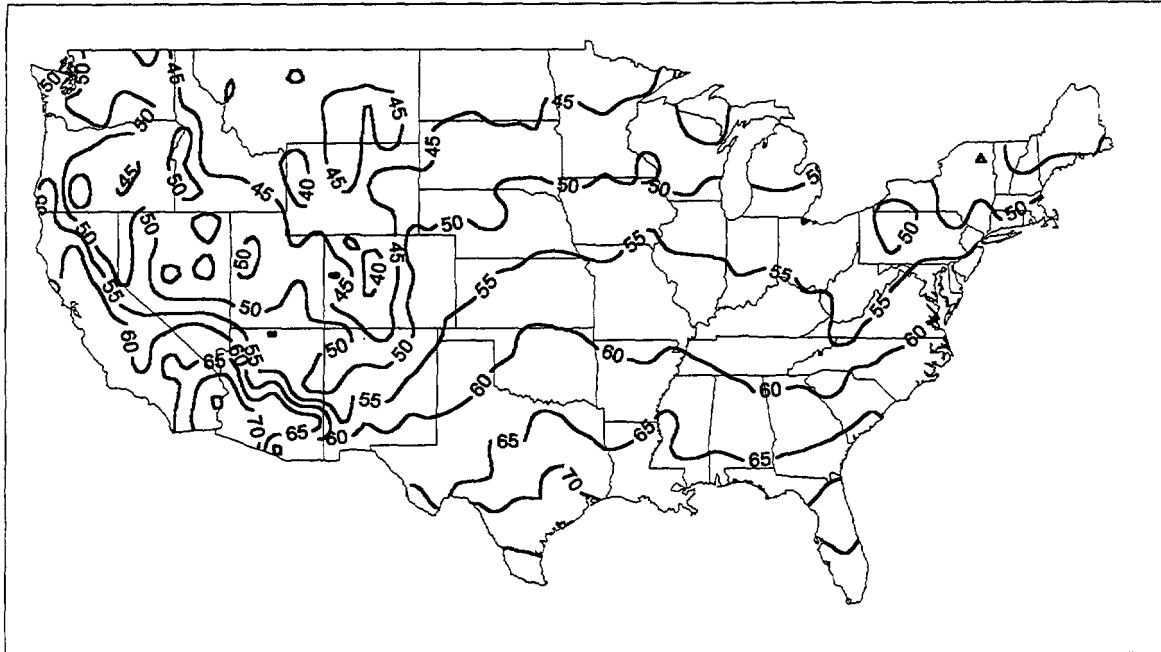
October 1996



\*NOTE\* Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

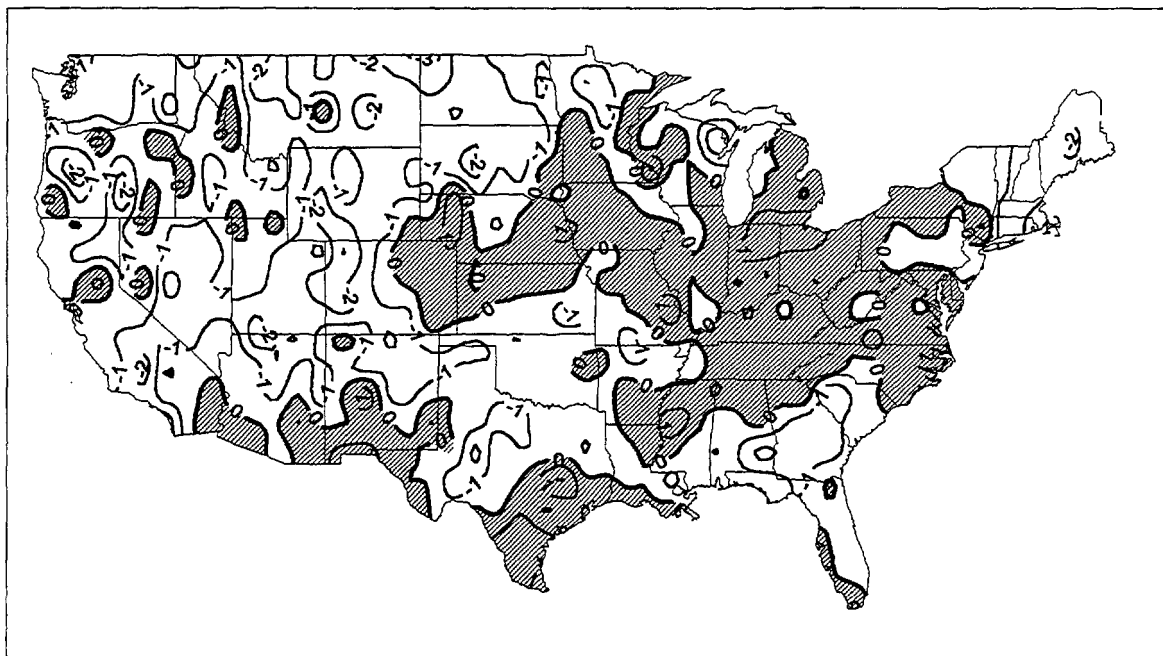
Average Temperature (Degrees F)

October 1996



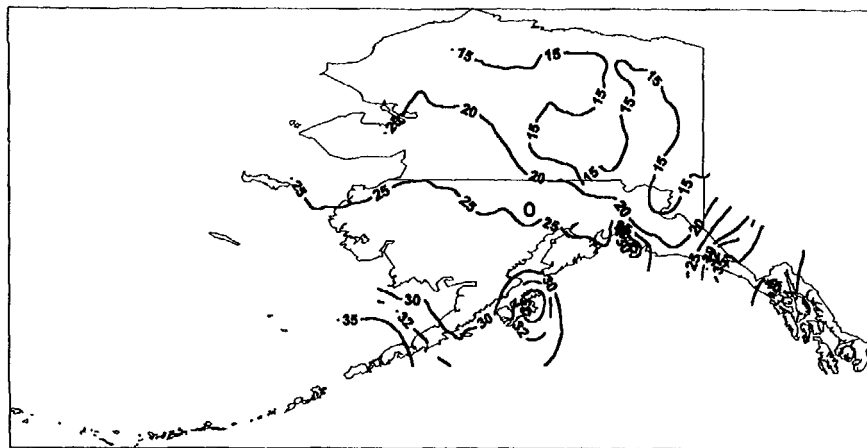
Departure of Average Temperature from Normal (Degrees F)

October 1996



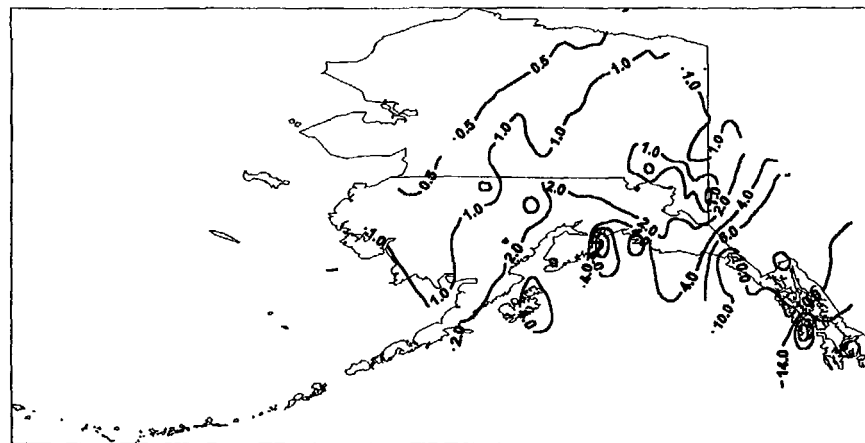
Average Temperature (Degrees F)

October 1996



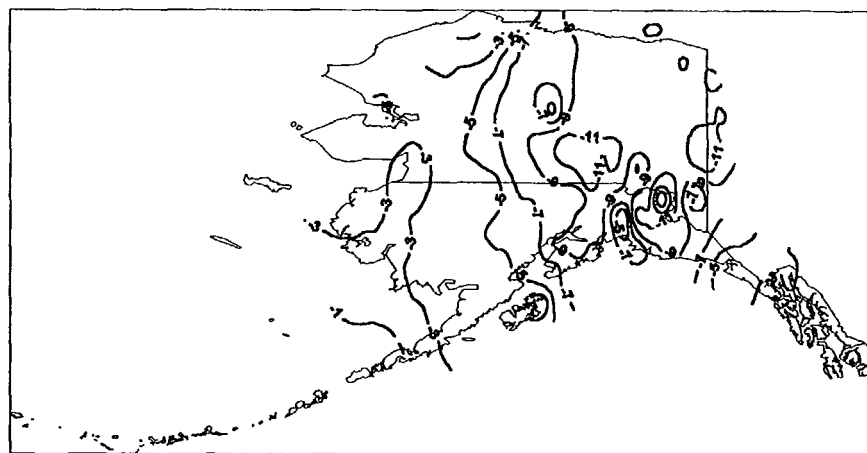
Alaska Precipitation (Inches)

October 1996



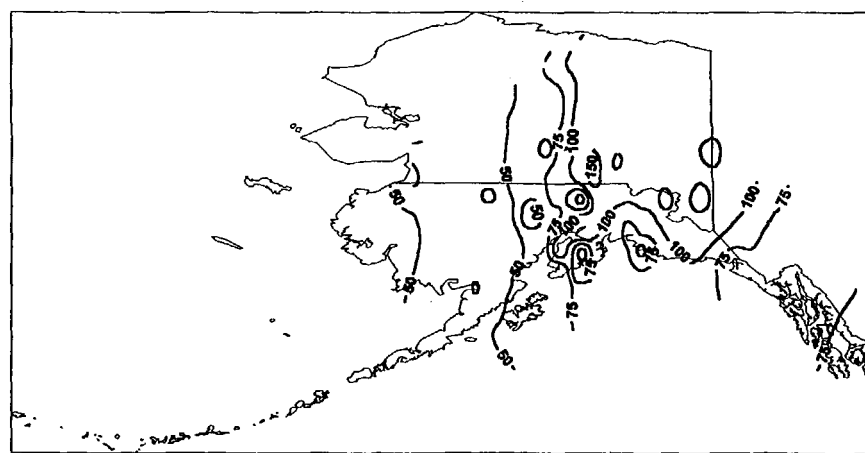
Departure of Average Temperature from Normal (Degrees F)

October 1996



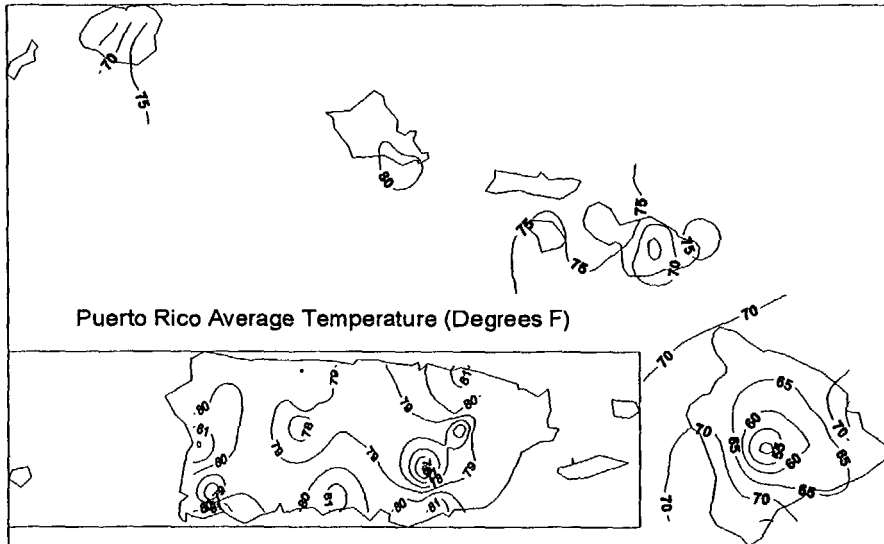
Percent of Normal Precipitation

October 1996



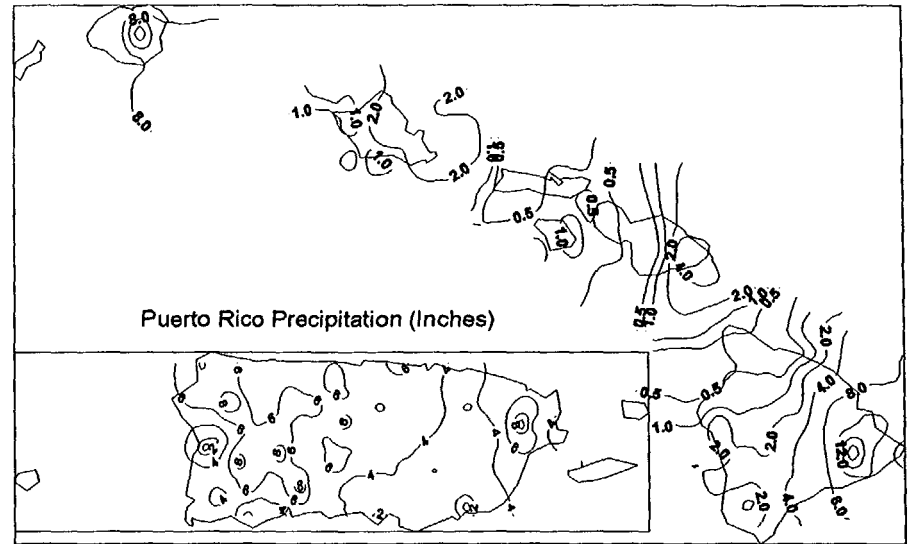
Hawaii Average Temperature (Degrees F)

October 1996



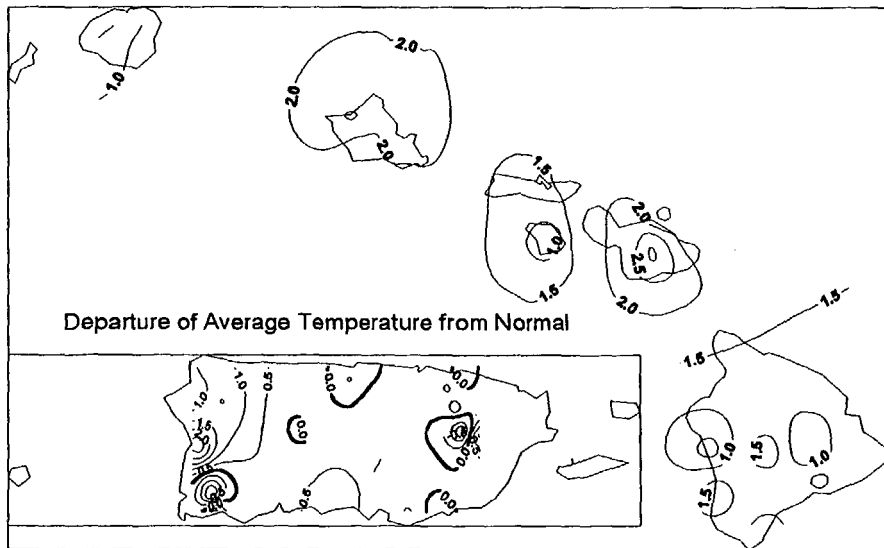
Hawaii Precipitation (Inches)

October 1996



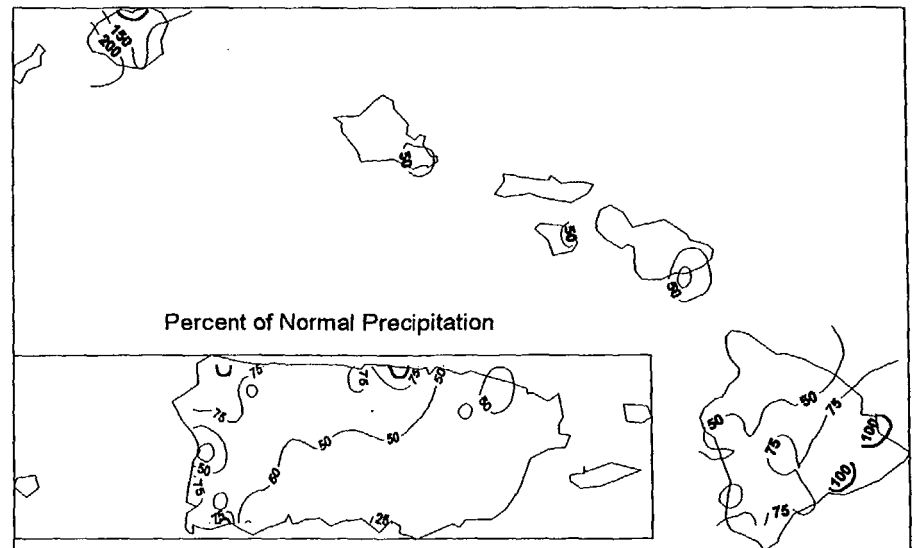
Departure of Average Temperature from Normal (Degrees F)

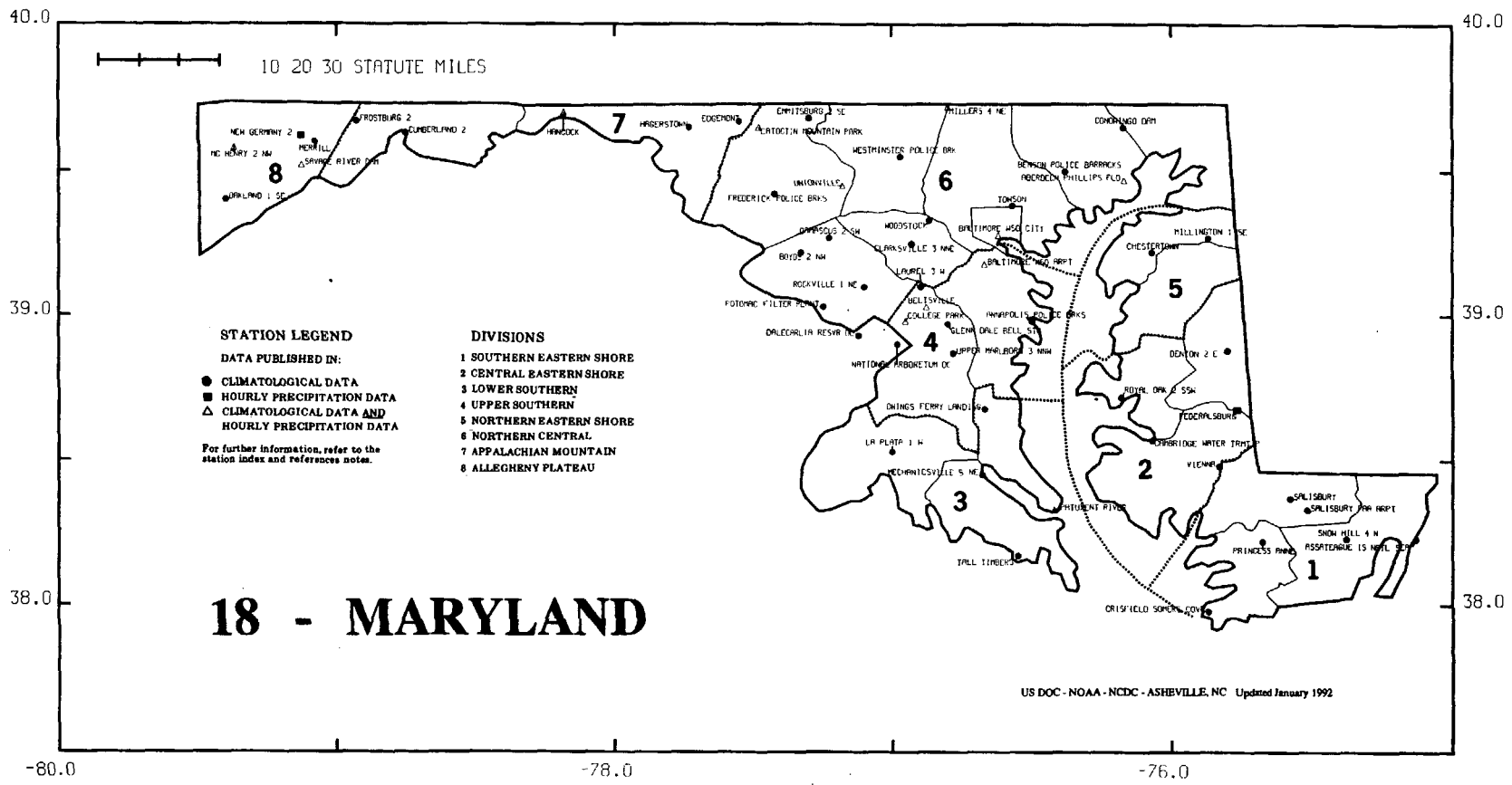
October 1996



Hawaii Percent of Normal Precipitation

October 1996





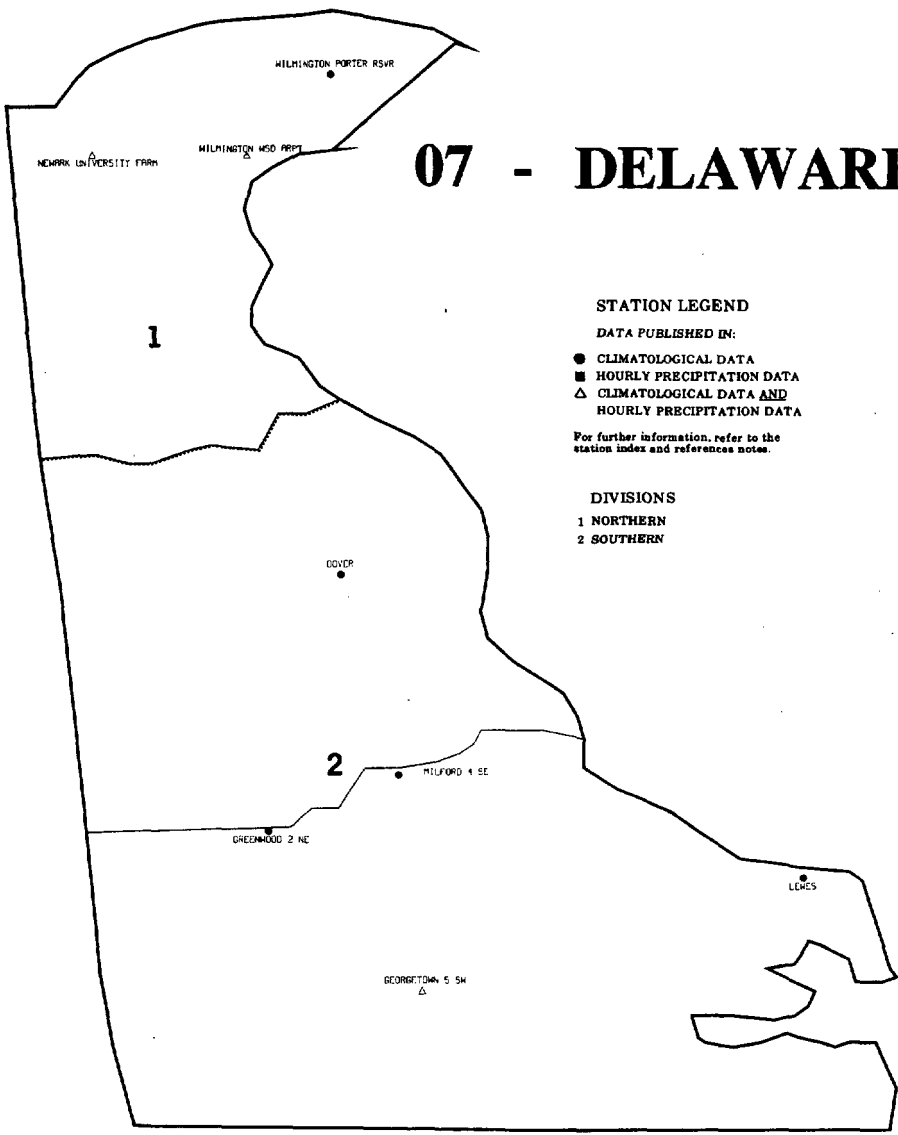
40.0

40.0



10 20 30 STATUTE MILES

# 07 - DELAWARE



### STATION LEGEND

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

For further information, refer to the station index and references notes.

### DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN

39.0

39.0

US DOC - NOAA - NCDC - ASHEVILLE, NC  
Updated January 1992

38.0

38.0

-76.0

-75.5

-75.0

To change your address, please return a copy of the mailing label along with your new address to: National Climatic Data Center (Subscription Services).

Inquiries/Comments Call: (704) 271-4800 (Voice)  
(704) 271-4010 (TDD)  
(704) 271-4876 (Fax)

National Climatic Data Center  
Room 120  
151 Patton Avenue  
Asheville, NC 28801-5001

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300  
ADDRESS CORRECTION REQUESTED

BULK RATE  
POSTAGE & FEES PAID  
United States Department of Commerce  
NOAA Permit No. G-19