

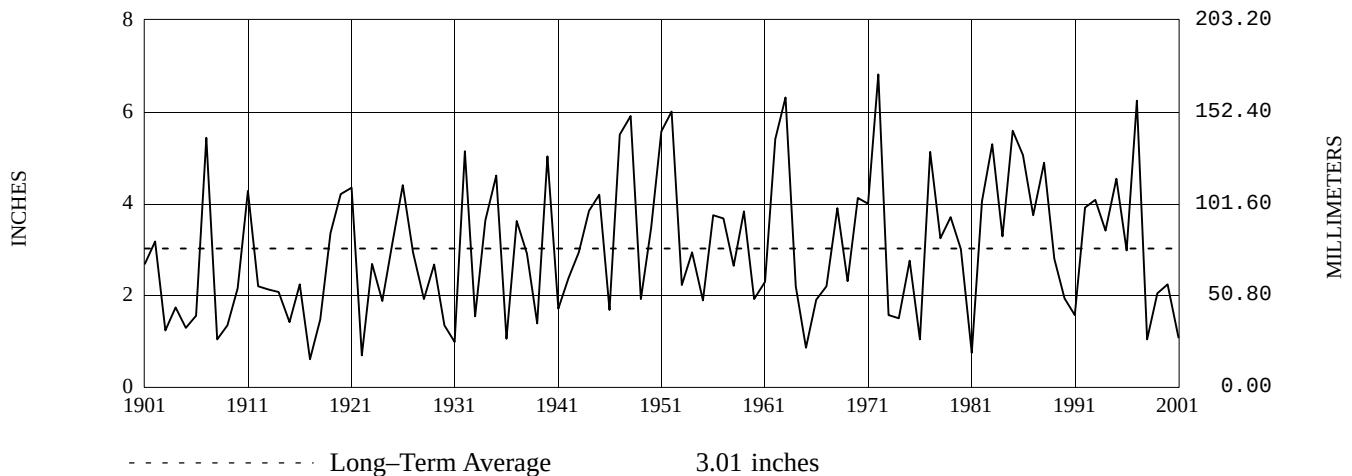
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

NOVEMBER 2001

VOLUME 105 NUMBER 11

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION NOVEMBER, 1901-2001

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	83	NOVEMBER 3	NATIONAL ARBORETUM DC
LOWEST TEMPERATURE	15	NOVEMBER 13	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	2.50		MD SCI CTR BALTIMORE R
LEAST TOTAL PRECIPITATION	.00		ASSATEAGUE
GREATEST 1 DAY PRECIPITATION	2.29	NOVEMBER 25	MD SCI CTR BALTIMORE R

"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."

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	78	NOVEMBER 3+	2 STATIONS
LOWEST TEMPERATURE	24	NOVEMBER 23+	2 STATIONS
GREATEST TOTAL PRECIPITATION	1.45		NEWARK UNIVERSITY FARM
LEAST TOTAL PRECIPITATION	.32		GREENWOOD 2 NE
GREATEST 1 DAY PRECIPITATION	1.07	NOVEMBER 26	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
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE	62.9	45.5	54.2		75	16+	31	12	317	0	0	0	1	0
PRINCESS ANNE	M	M	M		76	16	30	19+		0	0	0	2	0
SALISBURY	65.9	43.1	54.5	4.4	76	2	28	13	320	13	0	0	4	0
SALISBURY FAA ARPT	64.7	33.7	49.2	.6	76	2	18	12	470	4	0	0	18	0
SNOW HILL 4 N	66.7	39.5	53.1	4.0	79	2	22	13	361	12	0	0	9	0
--DIVISIONAL DATA----->			52.8	3.2										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	64.4	42.7	53.6	4.2	77	2	26	12	341	5	0	0	4	0
VIENNA	65.9	41.7M	53.8M	4.4	76	16	26	22	321	1	0	0	6	0
--DIVISIONAL DATA----->			53.7	4.5										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	64.2	40.3	52.3	4.7	77	2	25	21	382	5	0	0	8	0
--DIVISIONAL DATA----->			52.3	3.7										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	67.1	40.5	53.8	5.7	78	2+	26	23+	335	3	0	0	6	0
BALTIMORE WSO ARPT R	63.4	37.9	50.7	3.9	78	2	23	12	424	2	0	0	10	0
BELTSVILLE	63.0	37.9	50.5	4.6	77	3	26	21+	434	3	0	0	10	0
DALECARLIA RESERVOIR	67.0	40.0	53.5	6.1	81	2	26	13	342	7	0	0	7	0
GLENN DALE BELL STN	63.1	35.3	49.2	2.2	78	3	22	21+	471	3	0	0	11	0
LAUREL 3 W	64.3	42.3	53.3	6.0	79	2	31	6	344	2	0	0	1	0
MD SCI CTR BALTIMORE R	63.3	46.5	54.9		80	2	36	22	298	4	0	0	0	0
NATIONAL ARBORETUM DC	67.2	36.5M	51.9M	4.7	83	3	25	22	398	8	0	0	10	0
UPPER MARLBORO 3 NNW	64.6	35.9	50.3	3.9	78	3	24	21+	438	4	0	0	14	0
--DIVISIONAL DATA----->			52.0	4.8										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	65.0	38.0	51.5	4.1	78	2	24	12	400	4	0	0	9	0
--DIVISIONAL DATA----->			51.5	4.0										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL M		M	M		76	2	24	21			0	0	3	0
CATOCTIN MOUNTAIN PARK	61.8	40.2	51.0		75	2	27	21	415	0	0	0	6	0
CLARKSVILLE 3 NNE M		M	M											
CONOWINGO DAM	62.0	36.2M	49.1M	4.6	75	2	25	13+	486	0	0	0	10	0
DAMASCUS 3 SSW	60.1	40.4	50.3		75	2	25	20	438	1	0	0	8	0
EMMITSBURG 2 SE	63.7	35.7	49.7	5.4	78	2	18	21	454	1	0	0	11	0
FREDERICK POLICE BRKS	63.9	41.3	52.6		78	2	27	14	368	5	0	0	4	0
MILLERS 4 NE	61.2	40.3	50.8		76	2	23	21	421	0	0	0	5	0
ROCKVILLE 1 NE	63.0	40.3	51.7	6.8	79	2	26	13	398	6	0	0	7	0
--DIVISIONAL DATA----->			50.7	4.9										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	64.5	35.8	50.2	5.6	77	1	24	21+	437	0	0	0	10	0
CUMBERLAND POLICE BRK	62.1	35.5	48.8		74	2+	22	13	478	0	0	0	11	0
FROSTBURG 2	56.3	35.7	46.0		71	2	22	22	563	0	0	0	8	0
HAGERSTOWN POLICE BRK	64.5	39.5	52.0		78	2	23	13	385	2	0	0	8	0
SHARPSBURG 5 S	64.2	32.8	48.5		81	3	21	22	488	1	0	0	17	0
--DIVISIONAL DATA----->			49.1	5.1										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	59.9	32.1	46.0	5.9	70	30	15	13	561	0	0	0	19	0
SAVAGE RIVER DAM	57.0	34.1	45.6	4.8	70	3+	24	13	578	0	0	0	15	0
--DIVISIONAL DATA----->			45.8	5.8										
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	66.0	37.8	51.9	5.2	78	3	24	12	386	0	0	0	8	0
WILMINGTON WSO ARPT R	62.5	39.1	50.8	4.5	78	2	25	12	418	0	0	0	8	0
WILMINGTON PORTER RSVR	60.9	42.1	51.5	5.8	76	25	28	12	399	1	0	0	4	0
--DIVISIONAL DATA----->			51.4	5.1										
SOUTHERN 02														
DOVER	63.3	41.3	52.3	3.3	76	2	26	12	375	3	0	0	5	0
GREENWOOD 2 NE	64.8	38.9	51.9		76	3	26	21+	392	3	0	0	11	0
LEWES	63.9	44.7M	54.3M	4.8	77	2	29	13	329	10	0	0	2	0
MILFORD 2 SE	64.5	37.6M	51.1M	2.8	76	3	24	23+	410	3	0	0	11	0
--DIVISIONAL DATA----->			52.4	3.9										

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	ICE PELLETS, SNOW			NO. OF DAYS		
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE	.00		.00	30+	.0	0		0	0	0
PRINCESS ANNE	.05	-3.09	.05	20	.0	0		0	0	0
SALISBURY	.10	-2.97	.05	20	.0	0		0	0	0
SALISBURY FAA ARPT	.09	-3.06	.04	20	M	M		0	0	0
SNOW HILL 4 N	.08	-3.14	.04	20	.0	0		0	0	0
--DIVISIONAL DATA----->	.06	-3.06			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	.40	-3.02	.23	26	.0	0		1	0	0
VIENNA	M .24		.12	24	.0	0		1	0	0
--DIVISIONAL DATA----->	.40	-2.92			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	.97	-2.54	.50	26	.0	0		3	1	0
--DIVISIONAL DATA----->	.97	-2.42			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	1.90	-1.55	.81	25	.0	0		4	2	0
BALTIMORE WSO ARPT R	1.01	-2.31	.79	25	.0	0		2	1	0
BELTSVILLE	.65	-2.59	.52	26	.0	0		2	1	0
DALECARLIA RESERVOIR	1.21	-2.28	.69	26	.0	0		3	1	0
GLENN DALE BELL STN	.81	-2.69	.70	26	.0	0		1	1	0
LAUREL 3 W	1.34	-2.49	.97	25	.0	0		2	1	0
MD SCI CTR BALTIMORE R	2.50		2.29	25	M	M		2	1	1
NATIONAL ARBORETUM DC	M .91		.63	26	M .0	0		2	1	0
UPPER MARLBORO 3 NNW	.78	-2.56	.51	26	.0	0		2	1	0
--DIVISIONAL DATA----->	1.28	-2.12			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	1.36	-2.03	1.13	25	.0	0		1	1	1
--DIVISIONAL DATA----->	1.36	-2.03			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	2.26	-1.06	2.14	26	.0	0		1	1	1
CATOCTIN MOUNTAIN PARK	2.09		1.53	25	.0	0		3	1	1
CLARKSVILLE 3 NNE					M	M				
CONOWINGO DAM	1.33	-2.41	.92	26	.0	0		2	1	0
DAMASCUS 3 SSW	2.04		1.68	25	.0	0		2	1	1
EMMITSBURG 2 SE	1.95	-1.74	1.45	25	.0	0		4	1	1
FREDERICK POLICE BRKS	1.53		1.10	25	.0	0		3	1	1
MILLERS 4 NE	1.14		.90	25	T	T		2	1	0
ROCKVILLE 1 NE	1.29	-2.01	1.07	25	.0	0		2	1	1
--DIVISIONAL DATA----->	1.70	-1.88			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	1.41	-1.35	1.11	26	.0	0		2	1	1
CUMBERLAND POLICE BRK	1.11		.90	25	.0	0		2	1	0
FROSTBURG 2	1.46		.89	26	T	T		3	1	0
HAGERSTOWN POLICE BRK	1.33		1.20	25	.0	0		2	1	1
SHARPSBURG 5 S	1.71		1.33	26	.0	0		2	1	1
--DIVISIONAL DATA----->	1.40	-1.71			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	1.26	-2.38	.55	25	T	T		4	1	0
SAVAGE RIVER DAM	.89	-1.96	.53	26	.0	0		2	1	0
--DIVISIONAL DATA----->	1.08	-2.48			.0					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	1.45	-1.83	1.07	26	.0	0		3	1	1
WILMINGTON WSO ARPT R	.99	-2.28	.81	25	.0	M		2	1	0
WILMINGTON PORTER RSVR	1.13	-2.67	.84	26	.0	0		2	1	0
--DIVISIONAL DATA----->	1.19	-2.22			.0					
SOUTHERN 02										
DOVER	.73	-2.42	.60	26	.0	0		1	1	0
GREENWOOD 2 NE	.32		.21	26	.0	0		1	0	0
LEWES	.57	-2.71	.30	25	.0	0		2	0	0
MILFORD 2 SE	M .35		.24	26	.0	0		1	0	0
--DIVISIONAL DATA----->	.54	-2.67			.0					

DAILY PRECIPITATION (INCHES)

NOVEMBER 2001

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE	.00															
PRINCESS ANNE	.05															
SALISBURY	.10															
SALISBURY FAA ARPT	.09															
SNOW HILL 4 N	.08															
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	.40			.04												
VIENNA M	.24															
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	.97			.01												
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	1.90															
BALTIMORE WSO ARPT R	1.01			.01												
BELTSVILLE	.65				.01											
DALECARLIA RESERVOIR	1.21			.04												.03
GLENN DALE BELL STN	.81															
LAUREL 3 W	1.34															
MD SCI CTR BALTIMORE R	2.50			.02												
NATIONAL ARBORETUM DC M	.91				.01										T	T
UPPER MARLBORO 3 NNW	.78			T												
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	1.36			.07												
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL	2.26					.02										
CATOCTIN MOUNTAIN PARK	2.09			.04												
CLARKSVILLE 3 NNE M		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONOWINGO DAM	1.33		*	*	.06	.03										
DAMASCUS 3 SSW	2.04			.01												
EMMITSBURG 2 SE	1.95	.04														
FREDERICK POLICE BRKS	1.53															
MILLERS 4 NE	1.14			.01												
POTOMAC FILTER PLANT	1.08															
ROCKVILLE 1 NE	1.29			T												
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	1.41			.02												
CUMBERLAND POLICE BRK	1.11															
FROSTBURG 2	1.46			.23						.01						
HAGERSTOWN POLICE BRK	1.33			T												
SHARPSBURG 5 S	1.71			.02												
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	1.26			.20						.08						
SAVAGE RIVER DAM	.89			.09						.01						
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	1.45			.02												
WILMINGTON WSO ARPT R	.99			.04	T					T						
WILMINGTON PORTER RSVR	1.13			.07	.03											
SOUTHERN 02																
DOVER	.73			.03												
GREENWOOD 2 NE	.32				.02											
LEWES	.57															
MILFORD 2 SE M	.35						-									

DAILY PRECIPITATION (INCHES)

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																
PRINCESS ANNE					.05											
SALISBURY					.05				.02	.01	.02	T				
SALISBURY FAA ARPT					.04				.03	.01	.01					
SNOW HILL 4 N					.04				.02	T	.01					
CENTRAL EASTERN SHORE 02														.01		
ROYAL OAK 2 SSW					.05				.04	.02	.23				.02	
VIENNA					-				.12		.09		.03			
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE					.01				.11	.34	.50	T			T	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS									.32	.81	.55				.22	
BALTIMORE WSO ARPT R					.03				.15	.79	T	T		.03	T	
BELTSVILLE					.01				.01	.10	.52					
DALECARIA RESERVOIR					.03			.17		.21	.69			.04		
GLENN DALE BELL STN					.07	.02					.70			.02		
LAUREL 3 W					.03				.26	.97	.02			.06		
MD SCI CTR BALTIMORE R					.03				.12	2.29				.03	.01	
NATIONAL ARBORETUM DC				.02	.04	T			.06	.12	.63	.02	.01	-	-	
UPPER MARLBORO 3 NNW					.02				.02	.23	.51					
NORTHERN EASTERN SHORE 05																
CHESTERTOWN					.07				.05	1.13	.02	T		.02	T	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL					.07						2.14			.02	.01	
CATOCTIN MOUNTAIN PARK					.06				.22	1.53				.05	.19	
CLARKSVILLE 3 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CONOWINGO DAM					.08					.24	.92					
DAMASCUS 3 SSW					.05				.24	1.68				.03	.03	
EMMITSBURG 2 SE					.04				.17	1.45	.01	.12		.12		
FREDERICK POLICE BRKS									.20	1.10	.02			.09	.12	
MILLERS 4 NE					.04				.04	.90	.02		T	.02	.11	
POTOMAC FILTER PLANT									.23	.69		.08		.06	.02	
ROCKVILLE 1 NE					.04				.15	1.07		T	T	.03	T	
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2										.07	1.11		.13	.08		
CUMBERLAND POLICE BRK										.90			.05	.04	.12	
FROSTBURG 2					.02	T				.07	.89		.21	.03	T	
HAGERSTOWN POLICE BRK									.02	1.20	T				.11	
SHARPSBURG 5 S					.07					.27	1.33	.01		.01		
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE					.18					.55		.15	.04	.02	.04	
SAVAGE RIVER DAM										.02	.53		.22	.01	.01	
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM					.10					.20	1.07			.02	.04	
WILMINGTON WSO ARPT R					.10				.03	.81			T		.01	
WILMINGTON PORTER RSVR					.11					.06	.84			.02	T	
SOUTHERN 02																
DOVER					.07					T	.60			.03		
GREENWOOD 2 NE					.04				.04	.01	.21			T		
LEWES					.02					.30	.25					
MILFORD 2 SE						.09			.02		.24					

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
MARYLAND																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE	07	MAX OBS MIN	58 46	71 59	75 55	67 50	59 43	57 41	56 47	66 44	60 36	64 34	61 41	52 31	59 39	65 41	70 43
PRINCESS ANNE	17	MAX MIN															70 30
SALISBURY	17	MAX MIN	71 45	76 59	73 63	66 43	60 47	55 39	69 39	70 40	69 39	66 33	62 43	52 29	58 28	64 33	69 38
SALISBURY FAA ARPT	MID	OBS MAX MIN	45 75 34	45 76 56	45 74 37	45 65 32	45 56 35	45 55 35	45 69 35	45 69 31	45 58 27	45 65 23	45 58 21	45 51 18	45 57 19	45 65 24	45 69 29
SNOW HILL 4 N	17	MAX MIN	76 38	79 56	75 64	69 38	61 42	56 33	70 38	69 33	62 48	66 27	62 37	52 23	59 22	68 27	72 33
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX MIN	74 44	77 59	71 60	66 39	58 47	57 38	71 37	69 38	61 47	68 34	63 43	51 26	57 29	64 36	69 38
VIENNA	18	MAX OBS MIN	71 45	74 55	71 54	68 41	63 46	56 37	69 39	70 38	65 47	66 32	60 47	54 28	58 27	64 33	70 38
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	19	MAX MIN	71 42	77 57	70 56	65 38	56 42	56 33	71 37	69 39	61 47	70 30	62 43	51 27	56 26	65 31	70 34
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX OBS MIN	78 52	78 54	76 58	65 45	70 44	66 36	72 39	70 42	68 52	68 34	69 38	62 34	64 32	62 38	70 40
BALTIMORE WSO ARPT	MID	OBS MAX MIN	55 71 37	55 78 56	55 71 47	55 66 39	55 57 35	55 58 28	55 71 48	55 69 37	55 62 34	55 68 30	55 56 29	55 52 23	55 56 27	55 64 27	55 72 35
BELTSVILLE	08	MAX MIN	64 40	71 45	77 59	70 38	66 44	55 28	57 39	70 39	68 43	57 29	68 33	55 26	52 26	56 29	64 31
DALECARLIA RESERVOIR	17	MAX MIN	74 43	81 54	79 58	69 39	66 41	58 32	73 54	70 39	66 45	70 30	63 38	52 37	60 26	67 31	72 34
GLENN DALE BELL STN	08	MAX OBS	64 48	72	78	70	67	55	57	70	70	57	66	56	51	57	64
LAUREL 3 W	MID	MIN MAX MIN	38 71 46	38 79 55	58 71 54	35 68 45	38 59 36	25 57 31	34 70 36	36 68 41	41 62 35	26 68 39	32 60 40	22 50 33	22 57 33	25 65 35	28 72 45
MD SCI CTR BALTIMORE	MID	MAX MIN	70 48	80 57	71 57	67 50	59 43	56 38	70 49	67 50	64 45	69 41	57 43	52 37	56 38	66 40	72 46
NATIONAL ARBORETUM DC	07	MAX OBS MIN	68 38	76 45	83 60	75 39	71 39	58 28	61 33	74 34	72 42	64 28	73 42	61 26	54 27	60 28	67 32
UPPER MARLBORO 3 NNW	08	MAX MIN	66 39	73 39	78 59	72 39	67 40	56 31	58 34	71 38	71 38	59 28	69 28	58 24	53 24	59 24	67 29
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX MIN	73 39	78 59	73 48	68 38	59 38	58 37	70 39	69 37	69 36	67 31	55 29	53 24	60 25	65 30	73 38
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	16	MAX MIN	68 39	76 59			55 45	56 35	68 35	68 35	65 48				56 37	60 29	71 36
CATOCTIN MOUNTAIN PARK	17	MAX OBS MIN	73 48	75 45	72 52	66 42	65 35	65 30	65 41	67 47	62 37	67 40	59 42	48 28	54 33	63 37	66 39
CLARKSVILLE 3 NNE	17	MAX MIN															
CONOWINGO DAM	MID	MAX OBS MIN	65 38	75 ***	70 ***	66 40	56 40	58 40	60 36	70 38	67 37	63 31	55 31	55 25	54 25	58 30	60 30
DAMASCUS 3 SSW	22	MAX MIN	68 44	75 56	66 52	66 41	51 38	55 31	66 44	66 44	58 39	63 35	52 30	48 26	53 30	62 32	66 44
EMMITSBURG 2 SE	17	MAX OBS MIN	73 38	78 52	73 59	68 35	65 37	57 24	69 46	67 33	66 44	67 25	61 47	51 21	55 20	64 21	68 34
FREDERICK POLICE BRKS	17	MAX MIN	69 44	78 53	76 62	68 47	67 43	56 35	69 47	68 43	68 45	68 33	67 49	52 33	55 28	63 27	68 42
MILLERS 4 NE	18	MAX MIN	71 43	76 54	69 58	65 40	54 40	58 34	67 41	66 38	65 42	56 32	51 39	56 26	56 28	63 34	66 43
ROCKVILLE 1 NE	17	MAX MIN	70 46	79 58	69 51	67 45	54 39	56 34	69 46	70 39	61 35	67 30	58 35	52 28	58 26	67 30	71 36

DAILY TEMPERATURES (°F)

STATION		DAY OF MONTH																AVERAGE
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND SOUTHERN EASTERN SHORE 01 ASSATEAGUE																		
	75	61	62	64	60	52	59	63	63	65	63	64	69	63	65		62.9	
	47	48	44	45	40	33	36	34	56	57	61 43	39	58	58	58		45.5	
	76			71	66										75		M	
	35			30	48										65		M	
	74	65	64	67	63	50	60	65	67	70	67	65	72	73	74		65.9	
	42	48	34	36	46	29	30	33	46	61	48	41	60	59	63		43.1	
	74	58	62	67	61	49	59	63	67	70	67	64	72	74	73		64.7	
	32	29	26	28	26	19	20	23	46	57	40	32	58	58	61		33.7	
	75	68	63	70	62	53	61	64	66	70	67	66	73	75	72		66.7	
CENTRAL EASTERN SHORE 02 ROYAL OAK 2 SSW	36	42	29	30	46	23	25	27	41	59	57	34	57	58	61		39.5	
	72	62	60	65	61	51	61	63	66	68	65	60	67	64	71		64.4	
	41	47	33	41	46	28	32	34	38	60	55	39	57	53	61		42.7	
	76	72	65	64	63	54	62	61	68	69	68	63	69	70	74		65.9	
					***	***												
	44	39	31	37 26			26	32	39	52	56	37	55	55	58		41.7	
	75	58	60	69	55	49	59	62	65	69	66	59	68	67	74		64.2	
	38	45	31	37	42	25	26	30	39	57	52	39	49	57	61		40.3	
UPPER SOUTHERN 04 ANNAPOLIS POLICE BRKS	74	61	72	67	62	54	57	61	61	64	66	65	67	69	74		67.1	
	37	34	33	36	26	28	29	26	29	57 39	44	47	47	53	51		40.5	
	75	58	59	66	62	49	61	61	62	64	65	55	64	60	71		63.4	
	42	37	32	35	33	28	26	31	41	57	43	37	52	53	57		37.9	
	71	74	60	58	67	50	49	63	63	67	66	55	68	66		63.0		
	38	40	32	34	36	26	27	30	36	51	45	40	43	54	56		37.9	
	76	76	59	69	66	54	64	65	65	66	67	58	71	65	70		67.0	
	38	38	35	38	34	27	27	38	30	52	48	41	52	46	56		40.0	
	71	74	59	60	68	50	50	62	64	61	68	64	55	68	64		63.1	
LAUREL 3 W	36	36	31	33	37	22	23	26	33	49	48	36	42	53	55		35.3	
	75	60	59	67	61	50	64	64	64	67	65	55	68	63	71		64.3	
	48	45	36	42	33	33	34	38	47	56	46	45	52	53	57		42.3	
	74	60	58	63	62	50	59	59	63	65	65	57	60	60	68		63.3	
	50	48	43	44	39	37	36	41	50	58	51	48	55	55	59		46.5	
	75	80	64	62	70	53	54	64	69	64	68	69	67	71 ***	69 ***		67.2	
	40	40	33	35	42	26	25	28	27	50	50	41	44				36.5	
	73	76	59	63	69	51	51	63	65	63	68	67	57	71	65		64.6	
	32	38	31	32	40	24	25	25	27	47	53	38	38	55	57		35.9	
NORTHERN EASTERN SHORE 05 CHESTERTOWN	75	59	63	67	61	53	62	61	67	71	64	60	62	64	70		65.0	
	42	38	29	36	36	26	27	29	41	47	42	38	52	51	59		38.0	
	74			62	61	48		63			63	61	63	62	68		M	
	37			41	44	24		31			49	36	52	55	62		M	
	68	62	56	67	58	47	58 45	48	60	59	57	57	63	59	67		61.8	
	52	40	39	41	32	27	30	29	35	53	43	41	49	50	49		40.2	
																	M	
	CONOWINGO DAM	74	58	65	62	63	55	53	60	60	64	66	64	58	64	62		M
DAMASCUS 3 SSW		76																
	42	40	33	34	41	26	27	28	30	48	49	40	40	50	44		36.2	
	26																	
	70	56	55	63	54	46	58	59	57	62	60	51	66	64	66		60.1	
	45	40	38	41	25	28	31	36	41	56	42	45	49	52	57		40.4	
	72	69	69	63	61	48	60	61	53	64	61	61	61	58	68		63.7	
						61												
	35	42	27	27	39	18	20	24	29	52	42	36	36	52	56		35.7	
	FREDERICK POLICE BRKS	72	64	61	62	61	48	60	60	58	58	62	62	64	64	68		63.9
MILLERS 4 NE	41	34	36	37	42	29	28	33	38	54	45	42	41	53	56		41.3	
	70	61	53	64	59	47	60	60	59	61	59	53	62	58	65		61.2	
	45	41	37	39	36	23	30	33	42	55	41	39	47	52	57		40.3	
	73	55	52	67	62	51	57	62	60	65	62	54	68	64	70		63.0	
	42	39	34	44	32	28	29	33	39	54	45	42	52	55	63		40.3	

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
APPALACHIAN MOUNTAIN CUMBERLAND 2 07		OBS															
	17	MAX	77	75	71	70	60	58	70	73	65	69	60	54	57	67	72
		MIN	37	51	37	37	35	37	39	39	36	38	25	25	25	27	40
		OBS															
	17	MAX	74	74	73	65	62	55	65	69	63	66	66	50	53	64	68
		MIN	35	53	34	33	40	35	40	37	41	32	32	24	22	25	40
		OBS		35													
	07	MAX	62	71	68	60	62	44	49	60	65	47	60	45	45	57	60
		MIN	42	42	46	38	33	31	31	40	34	34	39	26	26	27	35
	17	MAX	72	78	76	69	66	65	70	71	67	71	68	51	56	63	68
HAGERSTOWN POLICE BRK SHARPSBURG 5 S ALLEGHENY PLATEAU OAKLAND 1 SE 08		MIN	43	54	56	37	40	42	34	40	36	29	47	26	23	30	45
	07	MAX	65	79	81	71	71	55	59	72	72	58	70	55	53	59	68
		MIN	37	38	50	34	32	25	26	31	38	25	26	22	22	22	28
	17	MAX	68	67	66	60	55	48	59	64	59	59	58	50	60	58	62
		MIN	28	47	44	39	32	21	30	28	33	35	32	16	15	20	31
	08	MAX	63	70	70	62	62	48	51	62	65	49	60	48	48	52	60
		MIN	35	37	48	35	36	30	32	32	39	29	32	26	24	26	29
		OBS															
	17	MAX	77	77	78	72	74	57	61	67	64	68	56	57	62	65	73
		OBS					53					51					
DELAWARE NORTHERN NEWARK UNIVERSITY FARM 01		MIN	37	41	46	38	28	34	35	36	34	30	30	24	33	38	42
		OBS												37			
	MID	MAX	71	78	72	64	54	57	68	61	59	65	53	52	56	61	71
		MIN	41	48	49	38	39	37	41	36	36	33	31	25	26	31	38
	MID	MAX	69	75	68	61	51	54	65	60	57	60	55	50	55	58	68
		OBS															
		MIN	45	54	52	42	40	37	46	42	39	36	35	28	32	38	43
	17	MAX	73	76	73	60	60	54	65	65	59	64	64	50	58	64	70
		MIN	45	59	46	41	42	38	44	39	36	33	41	26	28	32	44
	07	MAX	67	73	76	71	65	56	58	69	70	70	66	55	53	58	65
GREENWOOD 2 NE LEWES MILFORD 2 SE 02		MIN	40	52	60	40	40	40	40	37	40	32	34	27	27	26	32
	17	MAX	75	77	71	64	59	55	67	65	59	66	60	50	56	65	70
		MIN	41	59	62	48	44	38	45	40	49	36	48	36	29	35	47
	07	MAX	67	74	76	71	65	56	56	68	69	69	65	55	55	58	65
		OBS					***										
		MIN	38	46	60	37	44		38	35	35	30	39	24	24	24	29
		OBS															
		MIN															
		OBS															
		MIN															

DAILY TEMPERATURES (°F)

STATION		DAY OF MONTH																AVERAGE
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
APPALACHIAN MOUNTAIN CUMBERLAND 2	07						37											
		71 38	62 30	63 30	72 37	66 24	52 24	63 25	62 29	65 38	65 50 37	63 37	52 40	55 45	55 50	72 50		64.5 35.8
CUMBERLAND POLICE BRK		67 39	66 37	60 29	69 31	69 38	49 23	57 24	56 27	53 32	64 46	62 37	51 38	53 43	53 49	68 50		62.1 35.5
FROSTBURG 2		64 44	63 37	54 33	57 35	65 32	37 23	44 22	56 34	54 36	58 42	58 37	57 37	58 43	56 46	52 47		56.3 35.7
HAGERSTOWN POLICE BRK		72 39	70 40	61 32	66 34	66 41	48 24	59 25	60 32	57 38	62 56	58 42	59 38	59 47	59 57	68 57		64.5 39.5
SHARPSBURG 5 S		70 36	74 36	63 31	60 30	70 32	50 22	51 21	64 24	62 29	62 42	65 44	62 37	54 39	67 49	65 56		64.2 32.8
ALLEGHENY PLATEAU OAKLAND 1 SE	08	61 29	58 32	66 25	64 27	61 30	46 20	58 27	59 22	54 39	61 46	57 30	63 39	61 52	66 46	70 49		59.9 32.1
SAVAGE RIVER DAM		63 38	62 40	51 30	57 31	66 35	40 25	45 27	57 29	54 30	63 38	61 37	56 37	53 39	59 48	53 48		57.0 34.1
DELAWARE NORTHERN NEWARK UNIVERSITY FARM	01																	
		74 41	74 40	60 29	65 33	61 41	59 28	58 28	60 30	65 43	70 56	66 48	60 40	63 46	68 53	70 53		66.0 37.8
WILMINGTON WSO ARPT		73 43	57 38	58 31	66 37	60 34	49 28	59 28	61 32	65 44	67 56	63 45	58 41	65 54	61 55	70 57		62.5 39.1
WILMINGTON PORTER RSVR		69 48	58 38	55 35	64 42	56 34	48 31	56 31	58 38	65 47	76 56	61 48	64 45	64 52	60 53	67 57		60.9 42.1
SOUTHERN DOVER	02	73 48	69 39	57 33	64 37	60 41	46 29	53 28	57 33	60 45	68 51	69 54	62 41	64 55	69 54	72 58		63.3 41.3
GREENWOOD 2 NE		71 38	74 42	56 31	63 32	66 39	52 26	50 28	61 29	66 31	69 58	70 56	70 38	63 39	69 54	72 58		64.8 38.9
LEWES		74 46	64 49	57 35	69 39	63 46	49 33	59 32	61 36	66 49	67 58	65 51	61 43	60 54	71 68		63.9 44.7	
MILFORD 2 SE		71 41	74 46	56 29	62 29	68 45	53 24	50 24	60 24	64 30	68 57	71 53	66 37	62 38	68 54	73 57		64.5 37.6

EVAPORATION AND WIND

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND UPPER SOUTHERN 04 UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	9	*	*	43	12	14	10	18	*	*	45	*	*	*
	MAX	64	70	75	69	67	59	58	65	67	61	60	61	58	57	61
	MIN	43	45	57	44	41	37	36	40	43	37	37	35	35	37	37

Evaporation: Is measured in hundreths of inches

Wind: Is measured in miles

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

EVAPORATION AND WIND

NOVEMBER 2001

STATION	DAY OF MONTH																	TOTAL OR AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND UPPER SOUTHERN 04 UPPER MARLBORO 3 NNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M 3.22B 62.3 40.5	
	41	*	*	26	12	13	*	*	24	*	4	12	7	-	-	-		
	64	68	62	61	64	55	53	57	60	59	65	68	55	-	-	-		
	39	43	39	39	40	35	35	35	37	43	57	45	44	-	-	-		

Evaporation: Is measured in hundreths of inches

Wind: Is measured in miles

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

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
MARYLAND																
MARYLAND																
NORTHERN CENTRAL 06																
MILLERS 4 NE	SNOWFALL SN ON GND															
APPALACHIAN																
MOUNTAIN 07																
FROSTBURG 2	SNOWFALL SN ON GND															
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
MARYLAND																
MARYLAND																
NORTHERN CENTRAL 06																
MILLERS 4 NE					T											
APPALACHIAN																
MOUNTAIN 07																
FROSTBURG 2						T										
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE					T											
					T											

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)	
MARYLAND											
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	39 0	76 31W	25	17	17		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL RESOURCES MGMT
BALTIMORE WSO ARPT	0465	04	ANNE ARUNDEL	39 10	76 41W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	145	08	08	08	C H	AGRI RESEARCH CTR EAST
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	CMREC - CLARKSVILLE
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
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	17	17		H	MARYLAND STATE POLICE
DALECARLIA RESERVOIR	2325	04	DISTRICT OF	38 56	77 7W	150	17	17		H	U S CORPS OF ENGINEERS
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	22	22		H	ROBERT J LEFFLER
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 17W	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	08	16		H	USDA PLANT INTRODUCT STN
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 37	77 44W	560	17	17		H	MARYLAND STATE POLICE
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	MID	MID		H	WA SUBURBAN SANITARY COM
MD SCI CTR BALTIMORE	5718	04	BALTIMORE (C	39 17	76 37W	20	MID	MID		C H	ASOS - NWS
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 27	76 41W	100	19	19		H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	BOBBY MILLER
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 54	76 59W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17		H	BEA J CROSCO
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 9W	440	17	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	48	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08	C H	USA CORPS OF ENGINEERS
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	07	07		H	DAVID DOWNIN
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17		H	CURTIS E SHOCKLEY
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 49W	10	18	18		H	DELMARVA POWER & LIGHT
DELAWARE											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE HIGHWAY DEPT
GREENWOOD 2 NE	3595	02	SUSSEX	38 49	75 35W	45	07	07		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 47	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MILFORD 2 SE	5915	02	SUSSEX	38 54	75 26W	35	07	07		H	JACK HALL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 45W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	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	07		H	WILMINGTON WATER DEPT

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.

PRECIPITATION QUALITY CONTROL: The NCDC quality control process may delete precipitation data that are spatially inconsistent; exceed climatological limits, or are inconsistent with prevailing weather patterns.

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.

VAR Observation time varies.
W1 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."

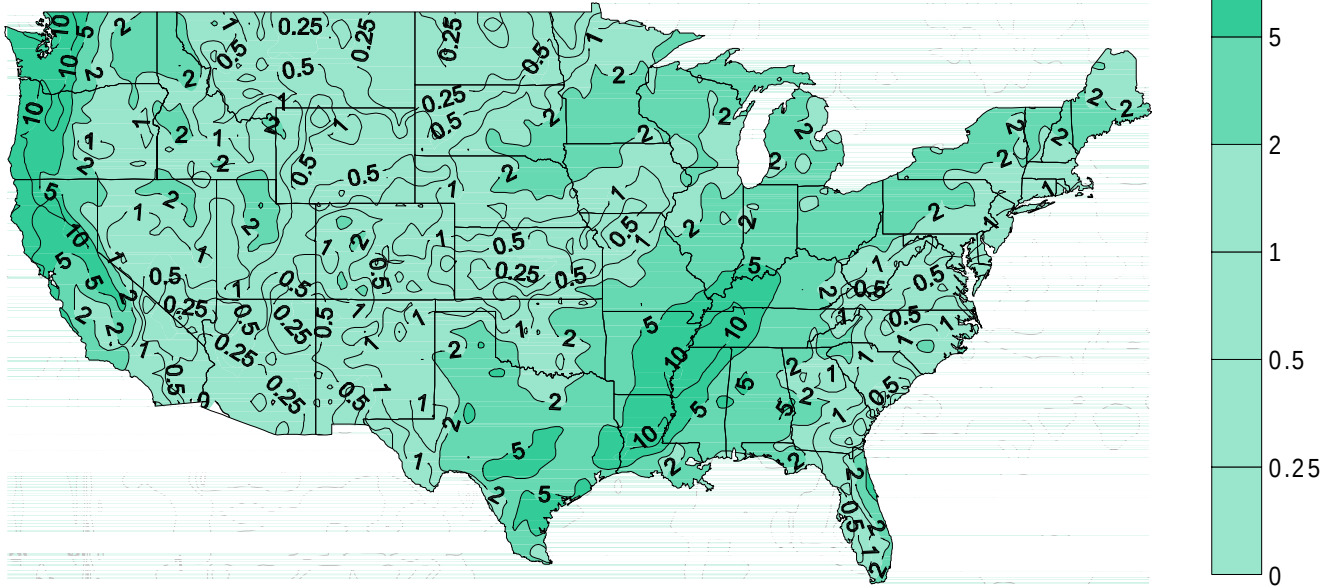
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this 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:

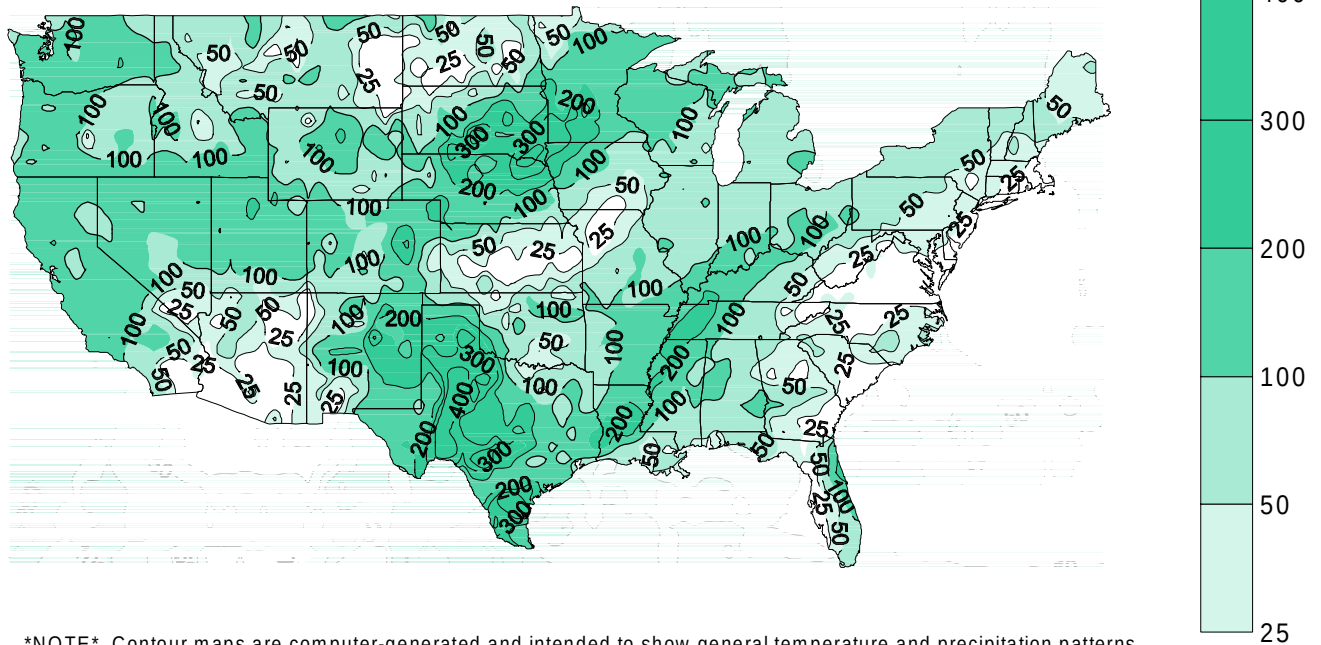
NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

Toll free number: (866) 742–3322
Fax number: (304) 726–4409

Total Precipitation (Inches)
November 2001



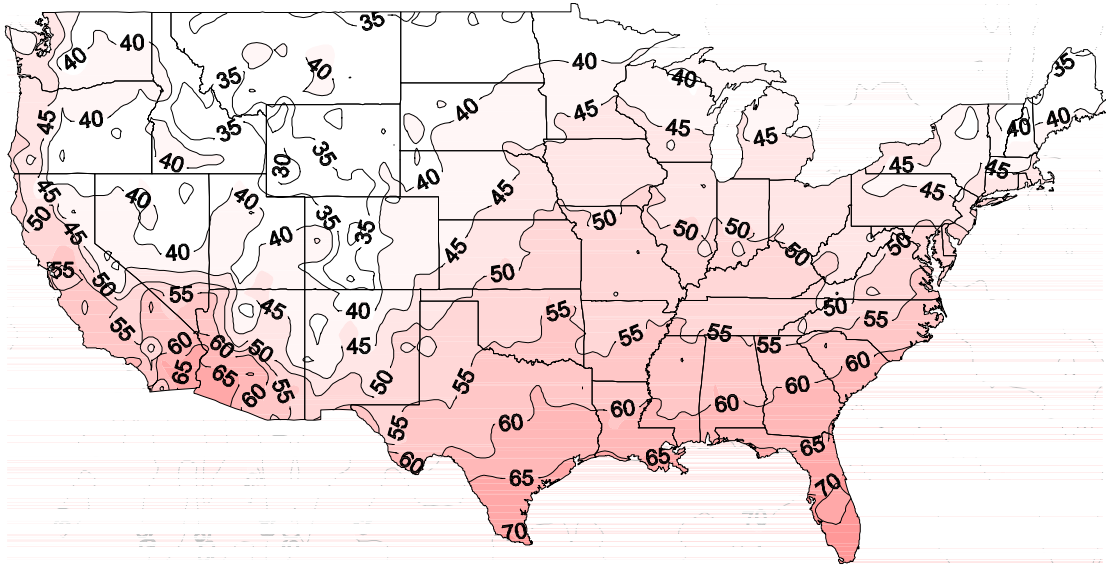
Percent of Normal Precipitation
November 2001



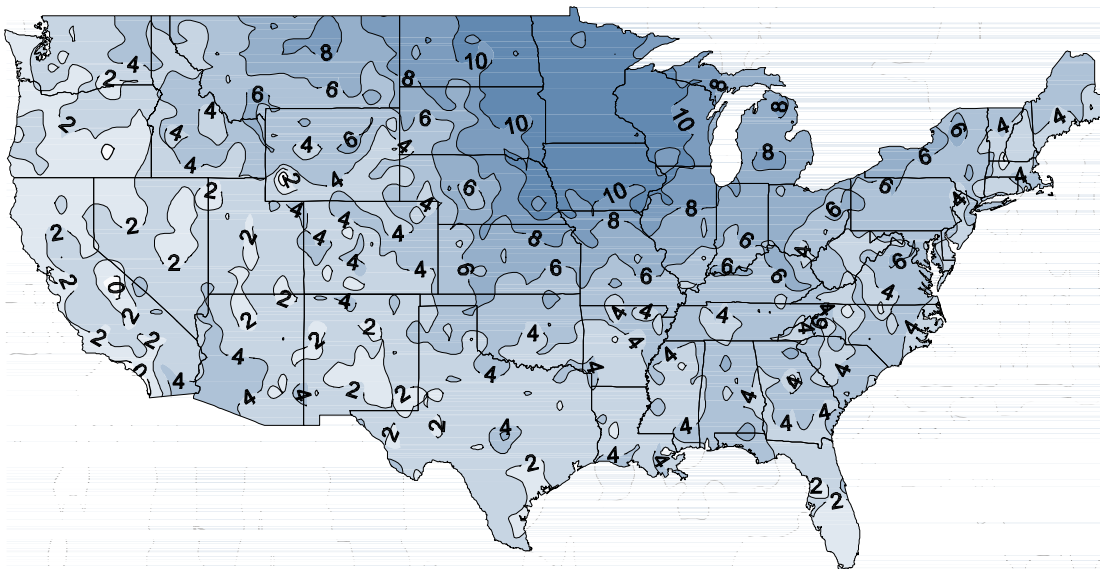
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

Average Temperature (Degrees F)
November 2001



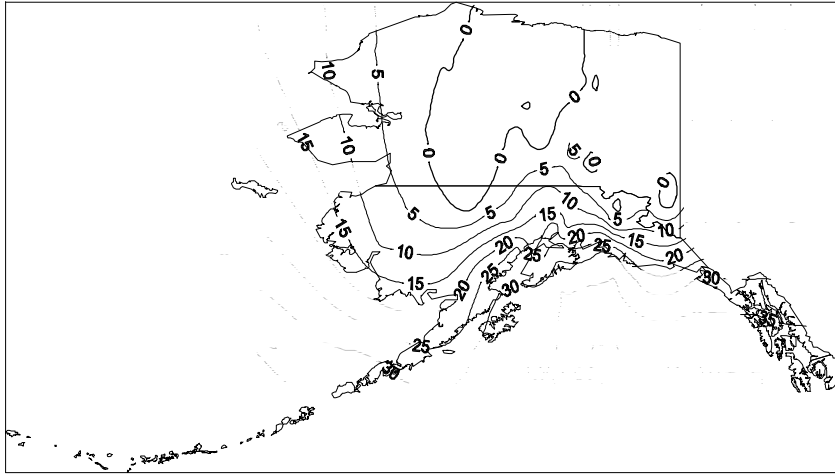
Departure of Average Temperature from Normal (Degrees F)
November 2001



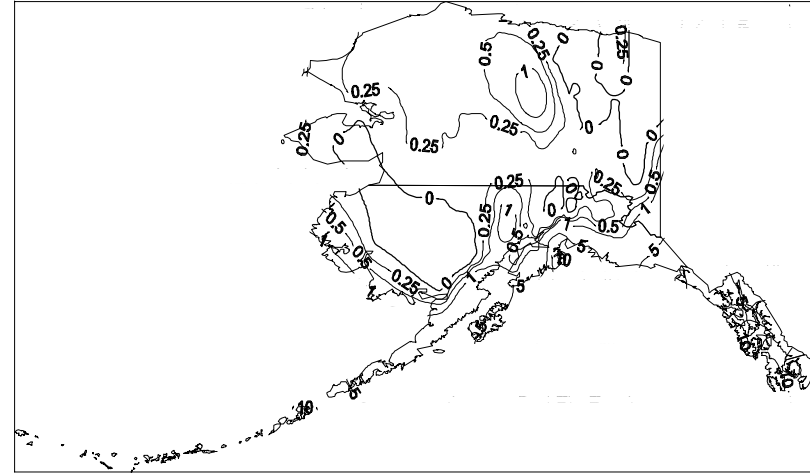
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

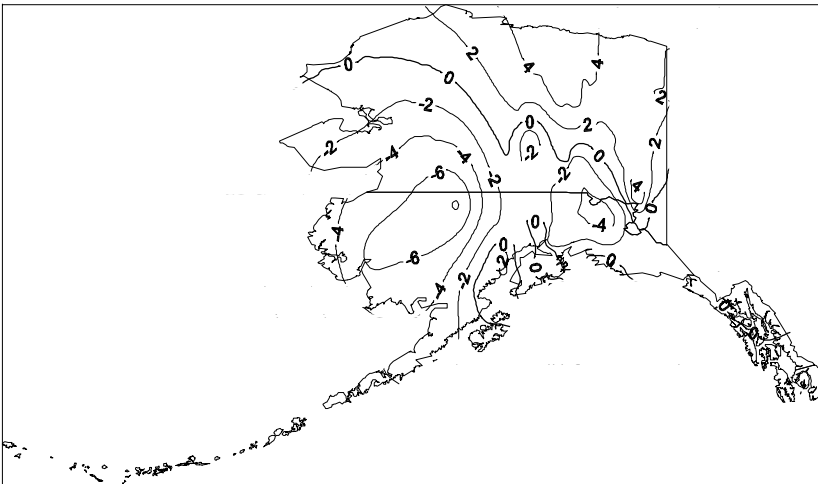
Average Temperature (Degrees F)
November 2001



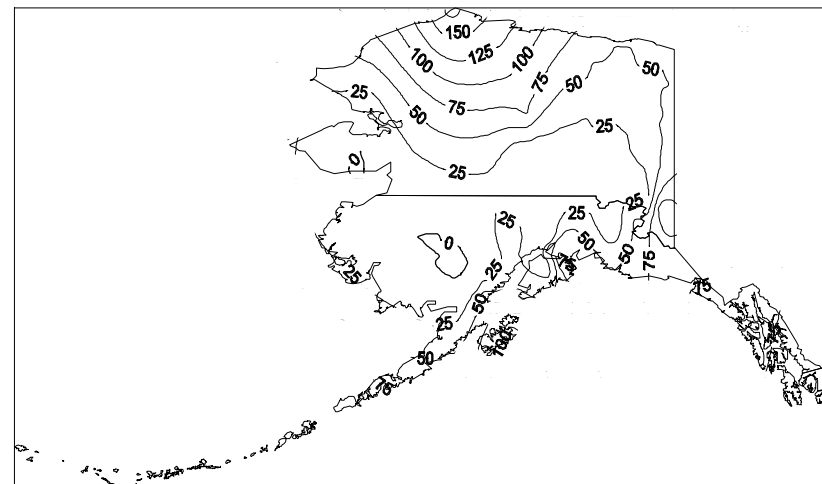
Alaska Precipitation (Inches)
November 2001



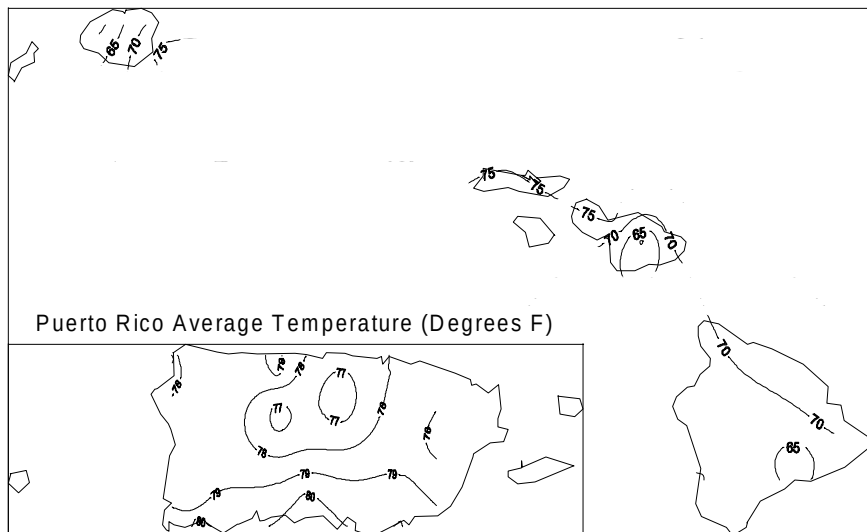
Departure of Average Temperature from Normal (Degrees F)
November 2001



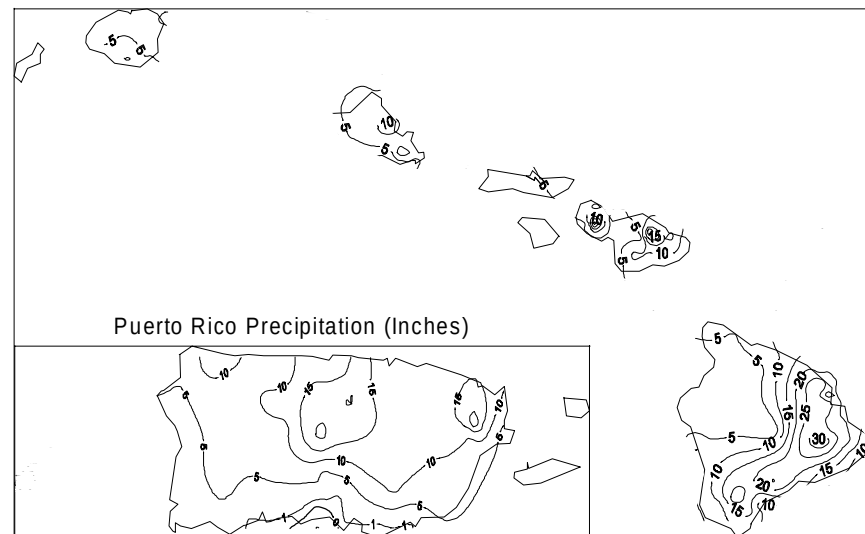
Percent of Normal Precipitation
November 2001



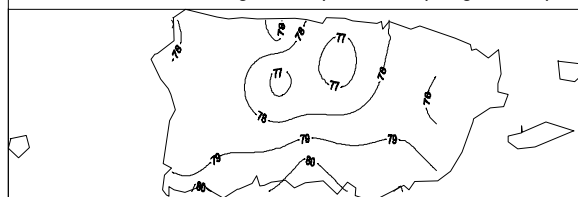
Hawaii Average Temperature (Degrees F)
November 2001



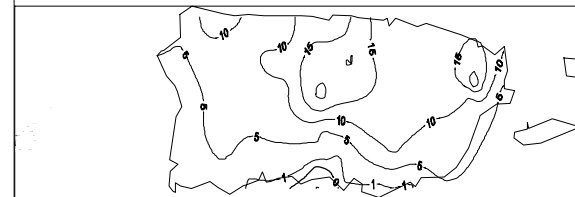
Hawaii Precipitation (Inches)
November 2001



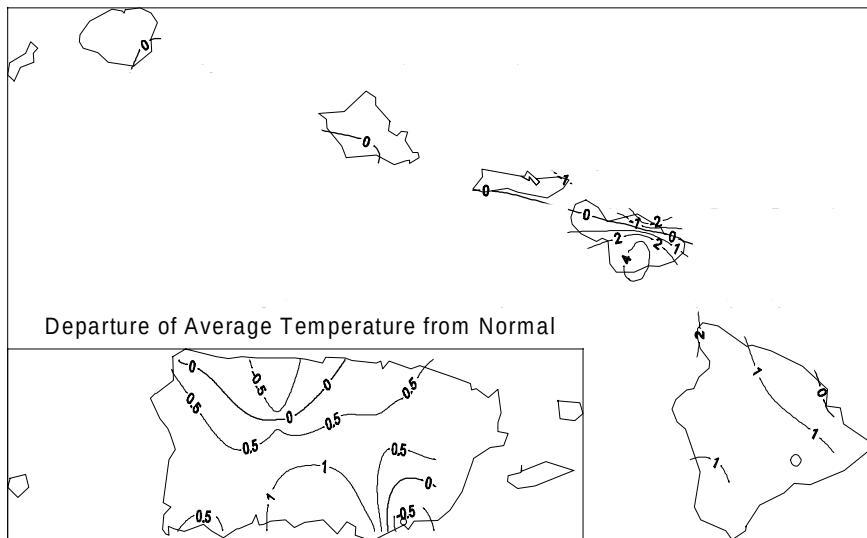
Puerto Rico Average Temperature (Degrees F)



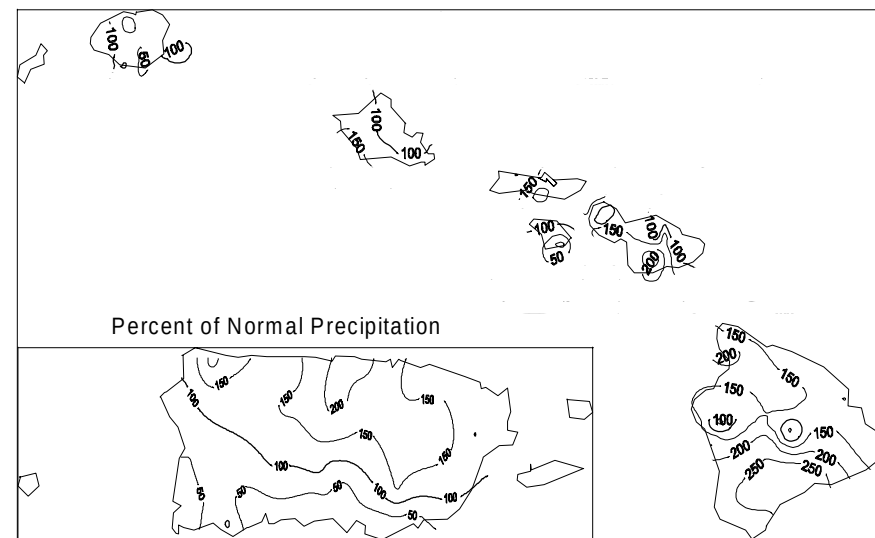
Puerto Rico Precipitation (Inches)

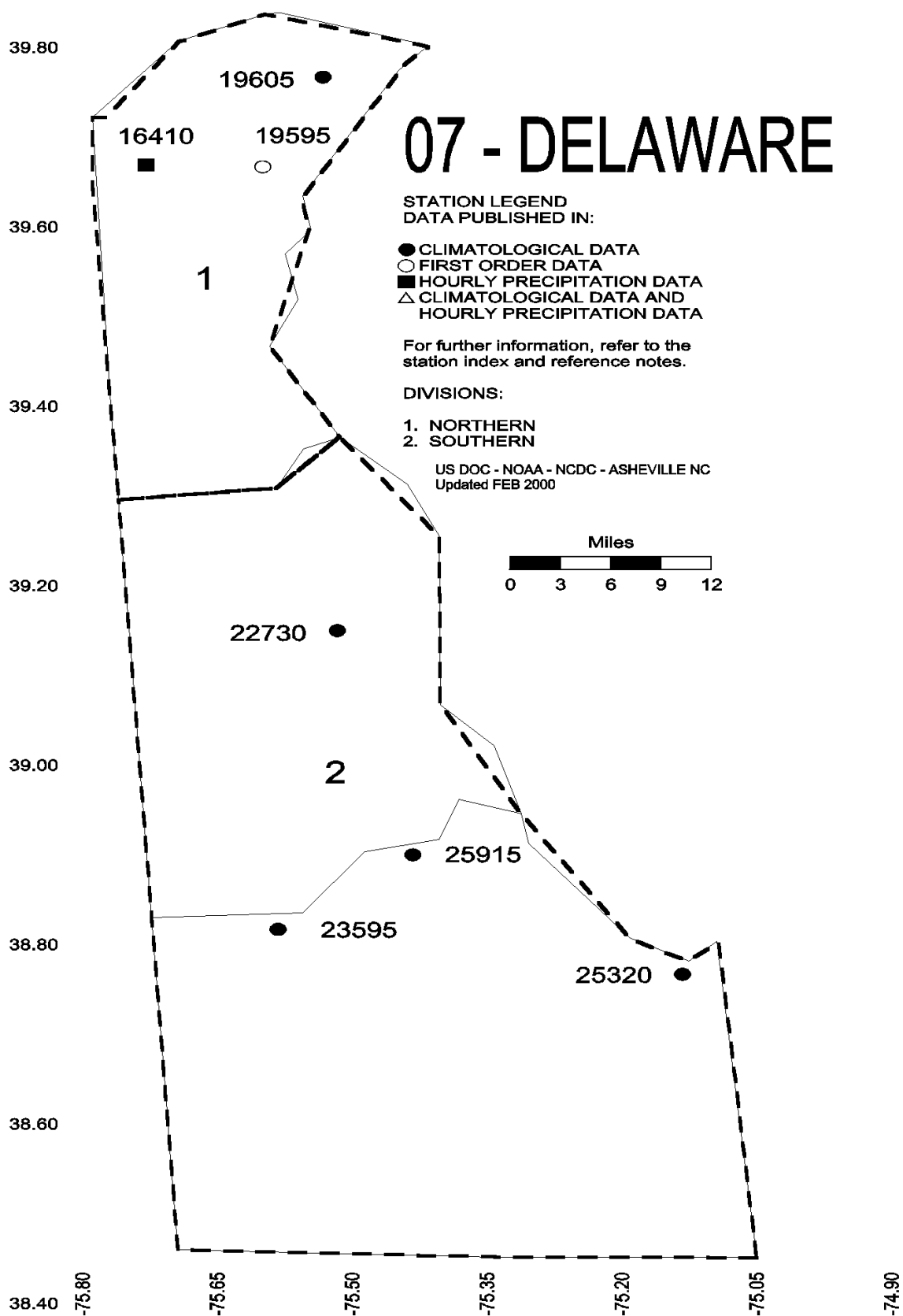


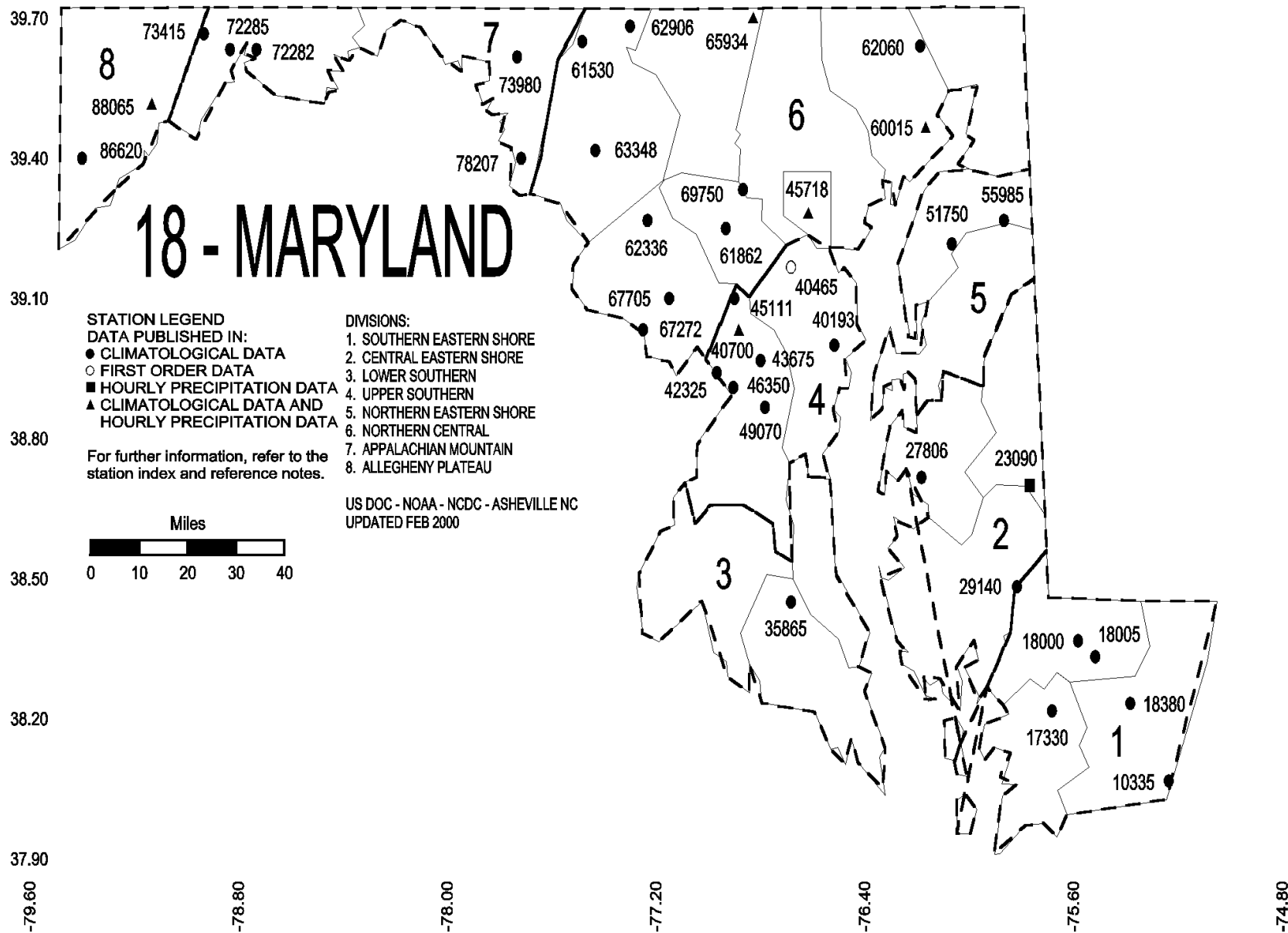
Departure of Average Temperature from Normal (Degrees F)
November 2001



Hawaii Percent of Normal Precipitation
November 2001







To change your address, please return a copy of the mailing label along with your new address to:

NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

Toll free number: (866) 742-3322
TDD: (828) 271-4010
Fax number: (304) 726-4409

NCDC now offers an annual online subscription for the ***Climatological Data publication***. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to October 1997 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost is \$34 for online delivery (including back issues) compared to \$45 for offline delivery.** To order this and other subscriptions online with your credit card, go to: www.ncdc.noaa.gov/mpp.html and choose subscriptions.

Inquiries/Comments Call: (866) 742-3322 (Toll free)
(828) 271-4010 (TDD)
(304) 726-4409 (Fax)

NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

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

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
CHANGE SERVICE REQUESTED