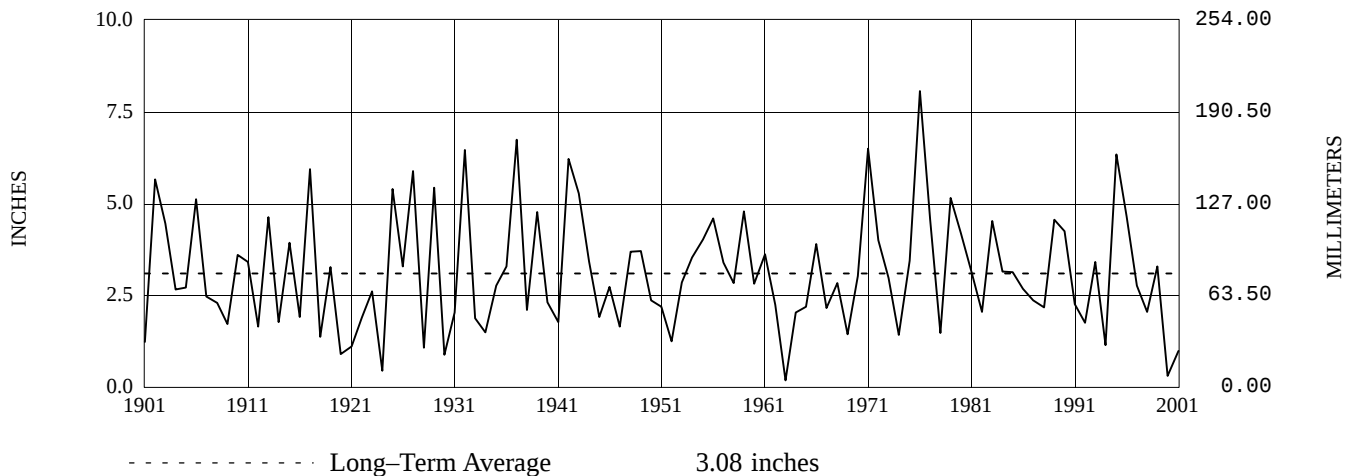


CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE OCTOBER 2001

VOLUME 105 NUMBER 10

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION OCTOBER, 1901-2001

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	87	OCTOBER 5	2 STATIONS
LOWEST TEMPERATURE	19	OCTOBER 29	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	1.88		OAKLAND 1 SE
LEAST TOTAL PRECIPITATION	.07		HAGERSTOWN POLICE BRK
GREATEST 1 DAY PRECIPITATION	.94	OCTOBER 15	FROSTBURG 2
GREATEST TOTAL SNOWFALL	.6		OAKLAND 1 SE

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	84	OCTOBER 25+	3 STATIONS
LOWEST TEMPERATURE	28	OCTOBER 29	MILFORD 2 SE
GREATEST TOTAL PRECIPITATION	1.46		LEWES
LEAST TOTAL PRECIPITATION	.74		WILMINGTON WSO ARPT R
GREATEST 1 DAY PRECIPITATION	.81	OCTOBER 1	LEWES

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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	70.4	51.5	61.0		82	25	36	19	157	36	0	0	0	0
PRINCESS ANNE	M	M	M		82	4	25	9			0	0	4	0
SALISBURY	71.9	48.1	60.0	.9	83	24+	32	29	194	47	0	0	1	0
SALISBURY FAA ARPT	70.2	39.0	54.6	-2.9	84	24	23	29	333	20	0	0	10	0
SNOW HILL 4 N	73.4	43.7	58.6	.7	86	24+	25	29	244	50	0	0	6	0
--DIVISIONAL DATA----->			58.6	-1										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	71.5	48.6	60.1	1.0	84	24	28	29	193	47	0	0	2	0
VIENNA	M	M	M		82	5+	29	9			0	0	1	0
--DIVISIONAL DATA----->			60.1	1.3										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	67.5	45.6	56.6	-.2	81	24	29	29+	269	17	0	0	3	0
--DIVISIONAL DATA----->			56.6	-1.3										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	71.3	41.9	56.6	-1.8	85	3	26	9	259	6	0	0	2	0
BALTIMORE WSO ARPT R	69.2	42.7	56.0	-.6	82	24	26	29	289	12	0	0	6	0
BELTSVILLE	68.8	43.1	56.0	.9	82	25	29	29	286	14	0	0	4	0
DALECARLIA RESERVOIR	72.6	44.3	58.5	1.1	85	24+	28	29	231	35	0	0	3	0
GLENN DALE BELL STN	69.4	40.0	54.7	-1.7	83	25+	25	30+	324	11	0	0	7	0
LAUREL 3 W	69.1	47.0	58.1	.8	83	24	31	18	238	30	0	0	1	0
MD SCI CTR BALTIMORE R	69.8	51.0	60.4		84	3	38	29	190	54	0	0	0	0
NATIONAL ARBORETUM DC	73.1	43.6	58.4	1.3	87	5+	28	30+	238	37	0	0	4	0
UPPER MARLBORO 3 NNW	70.5	42.0	56.3	1.1	85	25	27	30+	286	21	0	0	5	0
--DIVISIONAL DATA----->			57.2	.4										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	71.2	45.5	58.4	.9	84	24+	29	29	241	40	0	0	3	0
--DIVISIONAL DATA----->			58.4	1.1										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	70.1	45.6M	57.9M	.7	82	4	30	29+	240	33	0	0	3	0
CATOCTIN MOUNTAIN PARK	67.2	45.7	56.5		81	25+	31	29+	278	21	0	0	3	0
CLARKSVILLE 3 NNE	M	M	M											
CONOWINGO DAM	70.4	44.5M	57.5M	2.4	87	5	30	29	242	19	0	0	2	0
DAMASCUS 3 SSW	65.9	44.1M	55.0M		79	24+	28	29	307	6	0	0	5	0
EMMITSBURG 2 SE	69.5	40.9	55.2	.9	82	3	22	29+	305	7	0	0	5	0
FREDERICK POLICE BRKS	69.5	46.7	58.1		82	25	29	10+	238	33	0	0	3	0
MILLERS 4 NE	M	M	M											
ROCKVILLE 1 NE	67.8	45.6	56.7	1.8	81	24+	30	29+	267	17	0	0	2	0
--DIVISIONAL DATA----->			56.7	1.0										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	71.1	39.4	55.3	.5	85	24	24	29+	305	11	0	0	8	0
CUMBERLAND POLICE BRK	67.4	40.0M	53.7M		81	24	23	29	352	11	0	0	7	0
FROSTBURG 2	62.0	39.4	50.7		78	25	25	29	439	2	0	0	9	0
HAGERSTOWN POLICE BRK	69.9	42.5	56.2		84	24	24	29	283	16	0	0	5	0
SHARPSBURG 5 S	70.6	39.1M	54.9M		86	25	24	10+	319	14	0	0	7	0
--DIVISIONAL DATA----->			54.2	.4										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	64.0	35.7	49.9	.3	76	24+	19	29	464	2	0	0	13	0
SAVAGE RIVER DAM	62.8	38.7M	50.8M	.5	77	25	28	10+	422	1	0	0	7	0
--DIVISIONAL DATA----->			50.4	.9										
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	70.0	44.3	57.2	.7	84	24+	29	10	257	22	0	0	2	0
WILMINGTON WSO ARPT R	68.5	44.9	56.7	.5	82	24	31	29+	271	21	0	0	3	0
WILMINGTON PORTER RSVR	66.2	47.0	56.6	1.0	80	4+	35	29+	268	17	0	0	0	0
--DIVISIONAL DATA----->			56.8	.6										
SOUTHERN 02														
DOVER	70.6	48.4	59.5	.9	82	25+	29	29	214	50	0	0	1	0
GREENWOOD 2 NE	70.0	44.1	57.1		83	25+	29	29	269	34	0	0	5	0
LEWES	70.7	50.1	60.4	2.0	84	24	34	29+	190	54	0	0	0	0
MILFORD 2 SE	70.1	43.9M	57.0M	-.8	84	25	28	29	286	31	0	0	4	0
--DIVISIONAL DATA----->			58.5	.8										

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	.48		.24	7	.0	0		2	0	0
PRINCESS ANNE	1.49	-1.76			.0	0		1	0	0
SALISBURY	1.24	-1.99	.55	6	.0	0		3	2	0
SALISBURY FAA ARPT	1.34	-2.08	.58	14	M	M		3	2	0
SNOW HILL 4 N	.86	-2.38	.38	6	.0	0		3	0	0
--DIVISIONAL DATA----->	1.08	-2.10			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	.96	-2.19	.40	15	.0	0		3	0	0
VIENNA	1.06	-1.94	.40	6	.0	0		3	0	0
--DIVISIONAL DATA----->	1.01	-2.06			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	.88	-2.55	.38	6	.0	0		2	0	0
--DIVISIONAL DATA----->	.88	-2.36			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	.82	-2.49	.43	15	.0	0		2	0	0
BALTIMORE WSO ARPT R	.78	-2.20	.47	14	.0	0		2	0	0
BELTSVILLE	1.00	-2.37	.49	15	.0	0		3	0	0
DALECARLIA RESERVOIR	1.00	-2.50	.60	15	.0	0		3	1	0
GLENN DALE BELL STN	.88	-2.55	.44	15	.0	0		4	0	0
LAUREL 3 W	.93	-2.48	.60	14	.0	0		2	1	0
MD SCI CTR BALTIMORE R	.71		.48	14	M	M		2	0	0
NATIONAL ARBORETUM DC	.85	-2.43	.42	15	.0	0		4	0	0
UPPER MARLBORO 3 NNW	.70	-2.76	.37	15	.0	0		3	0	0
--DIVISIONAL DATA----->	.85	-2.46			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	.80	-2.34	.28	1	.0	0		3	0	0
--DIVISIONAL DATA----->	.80	-2.34			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	M .72				.0	0		3	0	0
CATOCTIN MOUNTAIN PARK	.91		.52	15	.0	0		2	1	0
CLARKSVILLE 3 NNE					M	M				
CONOWINGO DAM	M .92				.0	0		1	0	0
DAMASCUS 3 SSW	1.34		.85	14	.0	0		3	1	0
EMMITSBURG 2 SE	.86	-2.59	.70	15	.0	0		2	1	0
FREDERICK POLICE BRKS	M .73		.68	15	.0	0		1	1	0
MILLERS 4 NE					M	M				
ROCKVILLE 1 NE	.74	-2.60	.54	14	.0	0		2	1	0
--DIVISIONAL DATA----->	.96	-2.38			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	.66	-2.11	.48	15	.0	0		2	0	0
CUMBERLAND POLICE BRK	M .45		.22	16	M .0	0		2	0	0
FROSTBURG 2	1.25		.94	15	T	T		2	1	0
HAGERSTOWN POLICE BRK	.07		.07	17	.0	0		0	0	0
SHARPSBURG 5 S	.78		.54	15	M .0	0		2	1	0
--DIVISIONAL DATA----->	.69	-2.48			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	1.88	-1.31	.65	15	.6	T		7	1	0
SAVAGE RIVER DAM	.73	-2.20	.58	15	.0	0		1	1	0
--DIVISIONAL DATA----->	1.31	-1.86			.3					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	.81	-2.36	.31	15	.0	0		3	0	0
WILMINGTON WSO ARPT R	.74	-2.14	.25	14	.0	M		3	0	0
WILMINGTON PORTER RSVR	.87	-2.43	.35	15	.0	0		3	0	0
--DIVISIONAL DATA----->	.81	-2.32			.0					
SOUTHERN 02										
DOVER	1.09	-2.17	.51	1	.0	0		3	1	0
GREENWOOD 2 NE	.83		.23	7	.0	0		4	0	0
LEWES	1.46	-1.71	.81	1	.0	0		3	1	0
MILFORD 2 SE	1.05	-2.28	.40	1	M .0	0		3	0	0
--DIVISIONAL DATA----->	1.11	-2.12			.0					

DAILY PRECIPITATION (INCHES)

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		.48	.01						.24								.22
PRINCESS ANNE		1.49	.20			*	*		*	.55				*	*		.74
SALISBURY		1.24	.12					.55									.52
SALISBURY FAA ARPT		1.34	.06					.56								.58	.12
SNOW HILL 4 N		.86	.11					.38									.35
CENTRAL EASTERN SHORE	02																
ROYAL OAK 2 SSW		.96	.25					.25									.40
VIENNA		1.06	.22					.40								*	.30
LOWER SOUTHERN	03																
MECHANICSVILLE 5 NE		.88	.09					.38							T		.35
UPPER SOUTHERN	04																
ANNAPOLIS POLICE BRKS		.82	.21					.06									.43
BALTIMORE WSO ARPT	R	.78	.08					.04					T			.47	
BELTSVILLE		1.00	.19					.05	.04								.49
DALECARLIA RESERVOIR		1.00	.02					.15									.60
GLENN DALE BELL STN		.88	.14							.12							.44
LAUREL 3 W		.93	.02											.01		.60	
MD SCI CTR BALTIMORE	R	.71	.06					.02								.48	
NATIONAL ARBORETUM DC		.85	.10	T	T			T	.13			T					.42
UPPER MARLBORO 3 NNW		.70	.09					.12	.02								.37
NORTHERN EASTERN SHORE	05																
CHESTERTOWN		.80	.28					.08								.10	.27
NORTHERN CENTRAL	06																
ABERDEEN PHILLIPS FIEL	M	.72	.14					-	-		.10				*	*	.34
CATOCTIN MOUNTAIN PARK		.91						.06								.02	.52
CLARKSVILLE 3 NNE	M		-	-	-	-		-	-	-	-	-	-	-	-	-	-
CONOWINGO DAM	M	.92	.09						.08							*	.50
DAMASCUS 3 SSW		1.34						T						T		.85	.10
EMMITSBURG 2 SE		.86												.01			.70
FREDERICK POLICE BRKS	M	.73														.05	.68
MILLERS 4 NE	M		-	-	-	-		-	-	-	-	-	-	-	-	-	-
POTOMAC FILTER PLANT		1.39						.08								.91	.08
ROCKVILLE 1 NE		.74	.01					.02						T		.54	
APPALACHIAN MOUNTAIN	07																
CUMBERLAND 2		.66															.48
CUMBERLAND POLICE BRK	M	.45						-	-							.03	.20
FROSTBURG 2		1.25						.02	T								.94
HAGERSTOWN POLICE BRK		.07						T							T		
SHARPSBURG 5 S		.78						*	*	.03					T		.54
ALLEGHENY PLATEAU	08																
OAKLAND 1 SE		1.88						.16						T	.05	.18	.65
SAVAGE RIVER DAM		.73						T	T						.01		.58
DELAWARE																	
NORTHERN	01																
NEWARK UNIVERSITY FARM		.81	.21					.24									.31
WILMINGTON WSO ARPT	R	.74	.23					.19						T	.01	.25	.04
WILMINGTON PORTER RSVR		.87	.23					.19								.05	.35
SOUTHERN	02																
DOVER		1.09	.51					.16									.33
GREENWOOD 2 NE		.83	.19	.15						.23							.17
LEWES		1.46	.81	.01				.23	.01								.35
MILFORD 2 SE		1.05	.40	.14		*	*		.26								.19

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	.01															
PRINCESS ANNE																
SALISBURY		.05														
SALISBURY FAA ARPT	.02	T														
SNOW HILL 4 N		.02														
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW		.06										T				
VIENNA	.04	.10														
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	T	.06										T				
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	.05	.07														
BALTIMORE WSO ARPT R	.19											T				
BELTSVILLE		.23														
DALECARLIA RESERVOIR		.23														
GLENN DALE BELL STN		.18														
LAUREL 3 W	.30															
MD SCI CTR BALTIMORE R	.15															
NATIONAL ARBORETUM DC	.01	.19						T								
UPPER MARLBORO 3 NNW		.10														
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	.05	.02														
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL		.14			-	-										
CATOCTIN MOUNTAIN PARK	.28	.03														
CLARKSVILLE 3 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONOWINGO DAM		.25	-													
DAMASCUS 3 SSW	.39											T				
EMMITSBURG 2 SE		.15														
FREDERICK POLICE BRKS	-															
MILLERS 4 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POTOMAC FILTER PLANT	.28	.04														
ROCKVILLE 1 NE	.17											T				
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2		.10								.08						
CUMBERLAND POLICE BRK	.22															
FROSTBURG 2		.25								.04		T	T			
HAGERSTOWN POLICE BRK		.07														
SHARPSBURG 5 S		.21											T			
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	.18	.16								.14	T	.31	.05			
SAVAGE RIVER DAM		.09								.02		T	.03			
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM		.05														
WILMINGTON WSO ARPT R	.02															
WILMINGTON PORTER RSVR	.04	.01														
SOUTHERN 02																
DOVER		.09														
GREENWOOD 2 NE		.09														
LEWES		.05														
MILFORD 2 SE		.06														

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	57	63	81	78	80	72	61	59	66	72	76	75	76	76	73
		OBS		79													
		MIN	50	54	55	62	60	55	49	45	43	44	54	52	56	63	59
PRINCESS ANNE	17	MAX	67	76	81	82					65	74	77	78			80
		OBS								81							
		MIN	55	30	53	55				31	25	35	47	47			52
SALISBURY	17	MAX	58	77	81	83	81	79	60	57	65	73	76	77	79	79	72
		MIN	48	50	50	59	59	54	46	35	33	40	51	52	57	56	51
SALISBURY FAA ARPT	MID	MAX	59	76	81	83	82	71	59	56	64	73	76	77	79	77	70
		MIN	48	43	53	55	55	46	31	26	24	32	41	43	50	47	39
SNOW HILL 4 N	17	MAX	59	79	85	86	85	81	68	59	65	75	79	79	80	78	72
		MIN	48	48	55	59	57	54	38	28	26	35	45	44	51	48	52
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	61	78	82	83	81	74	59	57	64	73	78	79	80	78	74
		MIN	49	49	53	57	56	53	49	39	30	41	57	53	56	58	49
VIENNA	18	MAX	62	77	82	82	82	78	61	60	65	72	76	78	78		78
		MIN	47	49	56	56	55	52	41	34	29	46	52	51	52		57
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																	
	19	MAX	61	73	77	78	76	70	56	54	58	68	73	72	76	75	67
		MIN	48	50	55	56	56	52	39	34	29	40	52	53	55	56	49
		OBS															
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																	
	17	MAX	70	79	85	82	80	76	62	56	60	70	76	76	82	80	82
		MIN	49	46	40	52	52	56	44	36	26	36	58	52	41	40	47
		OBS								54	56						
BALTIMORE WSO ARPT	MID	MAX	65	77	81	81	79	70	58	57	62	71	76	77	79	75	68
		MIN	49	51	55	55	51	42	35	31	28	35	48	47	53	54	44
BELTSVILLE	08	MAX	60	68	77	81	81	80	67	56	56	61	71	75	75	79	76
		OBS															
		MIN	49	49	54	54	51	53	38	34	30	32	40	48	51	53	48
DALECARLIA RESERVOIR	17	MAX	68	79	85	84	82	79	59	58	70	73	79	78	82	79	76
		MIN	48	48	56	55	52	56	35	32	38	39	49	50	55	59	48
GLENN DALE BELL STN	08	MAX	60	64	77	82	83	80	66	57	56	63	71	77	76	81	77
		MIN	45	46	49	52	50	50	33	28	26	26	37	47	48	52	45
LAUREL 3 W	MID	MAX	65	77	82	81	68	65	52	58	63	72	77	77	81	75	68
		OBS			68												
		MIN	48	49	60	59	56	50	33	37	40	44	52	53	56	56	49
MD SCI CTR BALTIMORE	MID	MAX	68	79	84	83	82	71	58	57	63	72	78	78	76	76	69
		MIN	52	58	62	62	61	51	45	40	41	47	54	57	61	61	54
NATIONAL ARBORETUM DC	07	MAX	64	70	82	87	87	84	70	60	60	66	73	80	81	80	80
		OBS															
		MIN	48	50	52	55	54	54	42	35	30	30	41	42	43	56	48
UPPER MARLBORO 3 NNW	08	MAX	60	65	79	83	84	81	69	58	57	63	73	78	78	80	76
		MIN	46	48	51	54	52	50	41	31	28	28	37	48	49	56	48
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	62	79	84	84	82	71	60	58	64	73	79	79	83	80	71
		MIN	46	46	54	57	54	52	45	35	30	39	51	48	57	54	47
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06																	
	16	MAX	63	78	80	82	81	79	59	57	60	70	76	76	79	75	68
		OBS							***	***					***	***	
		MIN	50	45	51	54	51			32	30	36	48	49			50
CATOCTIN MOUNTAIN PARK	17	MAX	68	74	79	79	77	70	51	54	61	72	75	73	76	68	66
		MIN	46	53	58	60	57	47	37	32	35	41	41	53	56	54	47
CLARKSVILLE 3 NNE	17	MAX															
		MIN															
CONOWINGO DAM	MID	MAX	62	79	82	84	87	81	68	62	60	66	72	78	75	78	73
		OBS		64													
		MIN	50	48	48	53	53	53	40	38	36	36	42	50	52	56	50
DAMASCUS 3 SSW	22	MAX	66	75	79	78	76	69	50	54	58	68	74	74	75	72	66
		MIN	44	49	53	54	53	42	35	30	31	41	50	52	55	54	46
EMMITSBURG 2 SE	17	MAX	73	76	82	81	79	77	60	55	61	69	76	76	79	79	72
		MIN	44	52	49	47	44	54	35	29	22	31	38	43	51	51	44
FREDERICK POLICE BRKS	17	MAX	67	76	81	81	80	80	61	56	61	69	76	75	79	78	74
		MIN	47	57	60	57	55	55	42	39	29	29	49	52	56	56	52
		OBS															
MILLERS 4 NE	18	MAX															
		MIN															
ROCKVILLE 1 NE	MID	MAX	66	77	81	80	79	70	54	54	60	71	76	76	76	74	67
		OBS															
		MIN	50	55	56	55	52	48	41	36	30	38	53	52	57	58	46
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	17	MAX	74	80	83	81	81	78	55	60	68	76	80	74	84	78	67

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		73	66	63	67	77	75	77	76	74	82	78 64 52	57	55	62	66	68	70.4
PRINCESS ANNE		47	52 74	46 62	36 68	57	50	60	56	64	58		44	41	40	46	45	51.5 M
SALISBURY		74	43 72	35 60	30 67	75	78	81	80	83	81	74	58	58	59	65	67	M 71.9
SALISBURY FAA ARPT		45	49	38	36	50	48	59	55	64	68	50	40	38	32	39	38	48.1
SNOW HILL 4 N		72	61	59	68	74	78	80	78	84	81	61	56	52	58	65	65	70.2
CENTRAL EASTERN SHORE 02 ROYAL OAK 2 SSW		35	33	26	27	40	37	48	47	65	37	37	25	23	32	28		39.0
VIENNA		74	68	62	69	78	80	83	80	86	83	76	58	54	60	66	67	73.4
LOWER SOUTHERN MECHANICSVILLE 5 NE 03		38	43	29	29	44	42	60	50	64	66	40	38	33	25	34	31	43.7
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04		72	69	61	66	75	78	81	80	84	80	70	56	53	60	66	66	71.5
BALTIMORE WSO ARPT		45	50	45	38	50	48	59	52	65	68	51	42	42	28	37	37	48.6
BELTSVILLE		72	73	62				78	75	75								M
DALECARLIA RESERVOIR		47	45	36				57	36	36								M
GLENN DALE BELL STN		69	58	57	62	71	74	78	78	81	78	66	52	51	58	63	63	67.5
LAUREL 3 W		45	41	33	36	48	45	54	51	62	57 67	48	37	32	29	37	36	45.6
MD SCI CTR BALTIMORE		80	60	64	75	73	71	73	74	75	70	68	57	50	54	73	77	71.3
NATIONAL ARBORETUM DC		45	39	34	35	41	42	44	43	46	44	39	36	34	27	36	38	41.9
UPPER MARLBORO 3 NNW		69	59	59	65	73	78	79	77	82	76	58	52	53	60	65	63	69.2
CLARKSVILLE 3 NNE		41	38	32	32	39	42	47	51	57	48	42	38	32	26	36	44	42.7
CONOWINGO DAM		68	70	57	59	64	73	76	79	79	82	75	62	50	52	60	64	68.8
DAMASCUS 3 SSW		44	40	35	34	35	41	44	49	52	57	47	40	37	29	30	39	43.1
EMMITSBURG 2 SE		72	71	61	66	76	79	81	81	85	82	70	53	51	61	66	65	72.6
FREDERICK POLICE BRKS		43	39	33	36	40	42	48	48	58	56	41	39	31	28	36	36	44.3
MILLERS 4 NE		68	71	57	60	66	73	79	80	79	83	77	59	52	52	61	64	69.4
ROCKVILLE 1 NE		41	39	30	31	33	40	40	46	50	57	39	39	36	25	25	34	40.0
CUMBERLAND 2		70	57	60	65	73	77	80	80	83	75	59	52	55	62	67	65	69.1
APPALACHIAN MOUNTAIN		47	37	31	39	47	49	55	55	61	56	42	40	34	34	44	43	47.0
CUMBERLAND 2		70	59	59	65	74	78	81	76	81	75	58	52	52	61	65	63	69.8
CUMBERLAND 2		50	45	41	43	49	52	57	58	63	58	44	42	40	38	47	48	51.0
CUMBERLAND 2		73	74	61	64	70	78	81	84	83	86	78	58	53	56	65	78	73.1
CUMBERLAND 2		44	43	37	35	37	43	43	52	52	63	50	42	37	28	28	38	43.6
CUMBERLAND 2		71	71	60	60	66	76	79	82	81	85	77	60	53	53	61	67	70.5
CUMBERLAND 2		42	41	34	34	35	39	42	50	49	62	41	40	37	27	27	35	42.0
CUMBERLAND 2		74	60	61	67	76	80	83	81	84	79	62	56	53	51	64	67	71.2
CUMBERLAND 2		42	46	39	35	46	43	56	52	63	59	42	40	32	29	34	36	45.5
CUMBERLAND 2		72	61 71	58	63	74 ***	79 ***	79	79	80	80	72	54	52	59	64	63	70.1
CUMBERLAND 2		42	42	36	34			54	56	61	68	47			30	39	44	45.6
CUMBERLAND 2		65	53	55	63	70	76	75	76	81	81	56	45	47	57	68	72	67.2
CUMBERLAND 2		43	40	34	40	49	54	58	50	56	54	39	35	31	31	42	45	45.7
CUMBERLAND 2																		M
CUMBERLAND 2		74	61 73	61 ***	66	67	78	78	76	74	80	64	54	58	56	62	65	M 70.4
CUMBERLAND 2		43	40		33	36	44	46	53	57	58	48	39	38	30	31	34	44.5
CUMBERLAND 2		64	54	56	67	70	74	75	74	79	68	55	47	48	58	60	61	65.9
CUMBERLAND 2		45	39	32	37	42	46	53	53	58	55	39	37	29	28	42		44.1
CUMBERLAND 2		72	55	58	64	71	75	77	75	81	79	67	50	50	60	62	62	69.5
CUMBERLAND 2		37	46	36	28	39	39	39	49	52	57	46	40	33	22	37	34	40.9
CUMBERLAND 2		68	55	57	64	72	76	77	78	81	82	69	50	50	58	62	62	69.5
CUMBERLAND 2		42	48	36	37	46	44	51	51	51	65 51	49	41	37	30	44	41	46.7
CUMBERLAND 2																		M
CUMBERLAND 2		70	53	59	62	71 48	76	79	78	81	70	55	49	51	60	63	65	M 67.8
CUMBERLAND 2		43	43	37	35	41	43	50	52	59	54	41	41	34	30	43	40	45.6
CUMBERLAND 2																		M
CUMBERLAND 2		66	52	62	71	75	81	80	81	85	79	60	46	46	67	65	70	71.1

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
CUMBERLAND POLICE BRK	17	MIN	39	48	48	47	47	37	28	27	27	35	40	50	55	48	36
		MAX	69	76	80	78	78	75	57	54	61	69	74	74	78	80	66
		OBS						***	***								80
FROSTBURG 2	07	MIN	37	47	47	46	46			25	25	25	28	48	53	61	43
		MAX	60	64	71	75	73	73	53	46	54	61	70	73	65	77	63
		MIN	40	43	49	50	51	44	35	27	27	30	37	44	51	54	45
HAGERSTOWN POLICE BRK	17	MAX	73	79	80	83	80	75	63	56	56	71	78	78	80	75	72
		MIN	45	41	45	41	50	53	37	28	28	38	38	53	51	59	47
		MAX	65	74	80	84	83	82	65	60	59	64	73	80	76	82	76
SHARPSBURG 5 S	07	OBS						***	***	***	***						
		MIN	35	42	45	51	49				24	24	35	43	49	55	44
		MAX															
ALLEGHENY PLATEAU 08 OAKLAND 1 SE	17	MAX	64	70	73	73	71	70	50	52	64	71	72	70	76	75	60
		MIN	30	41	41	46	40	39	32	20	20	29	32	45	50	59	45
		OBS												32			
SAVAGE RIVER DAM	08	MAX	63	66	73	75	73	72	54	47	54	59	69	73	67	76	67
		OBS															
		MIN	38	39	40	48	47	47	36	29	28	28	35	38	48	56	44
DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM	07	MAX	65	69	81	84	82	64	61	61	64	72	77	78	80	73	69
		OBS		78													
		MIN	48	47	46	54	56	57	50	39	34	29	35	39	47	57	56
WILMINGTON WSO ARPT	MID	OBS	47	46	54	56	57	50	39	34	29	35	39	47	57	56	42
		MAX	60	77	81	81	80	69	57	55	61	69	76	75	77	74	69
		MIN	48	47	54	56	53	44	38	33	31	37	49	48	58	59	46
WILMINGTON PORTER RSVR	MID	MAX	59	74	80	80	79	68	55	53	60	67	73	74	76	73	66
		MIN	47	52	55	59	55	49	43	38	35	43	43	53	56	58	50
		MAX															
SOUTHERN 02 DOVER	17	MAX	57	75	81	82	82	79	61	57	63	71	76	78	77	77	71
		OBS															
		MIN	48	48	54	58	59	54	42	35	33	34	56	54	59	59	57
GREENWOOD 2 NE	07	MAX	56	60	77	82	83	82	70	57	57	64	72	77	77	80	80
		MIN	48	47	50	59	56	57	42	32	30	31	40	40	50	53	53
		MAX	57	74	82	83	83	79	64	56	64	74	78	75	77	73	71
LEWES	17	MIN	49	50	60	61	61	55	46	39	34	43	56	55	59	58	56
		MAX	54	59	77	82	83	82	69	59	57	64	72	77	78	82	77
		OBS					***	***	***								
MILFORD 2 SE	07	MIN	48	48	50	60				31	30	30	42	51	53	52	51
		MAX															
		OBS															

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CUMBERLAND POLICE BRK	36 64	30 52	30 57	32 63	42 70	42 75	49 77	49 76	55 81	45 68	39 60	34 43	24 43	24 63	40 63	37 65	39.4 67.4
FROSTBURG 2	34 60	42 54	27 47	29 57	39 64	39 66	46 74	47 72	54 75	55 78	38 58	37 41	33 41	23 41	45 59	42 56	40.0 62.0
HAGERSTOWN POLICE BRK	38 69	36 55	30 59	29 64	34 73	41 76	46 79	48 78	49 84	53 80	37 64	31 49	30 51	25 60	26 63	40 63	39.4 69.9
SHARPSBURG 5 S	42 70	45 69	30 58	35 62	43 67	42 76	49 80	51 81	55 79	63 86	42 71	39 56	30 50	24 52	35 63	39 65	42.5 70.6
ALLEGHENY PLATEAU 08 OAKLAND 1 SE	40 61 34	40 46 36	29 58 24	29 63 27	33 63 34	42 73 31	41 72 38	47 74 39	47 76 47	53 75 47	49 54 33	40 34 29	26 40 30	25 58 19	25 58 27	34 69 43	39.1 64.0 35.7
SAVAGE RIVER DAM	62 35	56 36	50 29	56 29	64 31	67 38	73 39	73 46	76 46	77 53	59 42	44 35	39 34	43 ***	60	61	62.8 38.7
DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM	68 42 40 69	68 40 43	59 43 34	62 34 36	75 36 35	78 35 54	81 50 57	78 50 57	84 56 41	83 72	68 46 39	51 39 37	48 37 36	56 43	64 36 43	67 32 44	70.0 44.3
WILMINGTON WSO ARPT	69 43	59 42	58 34	64 34	72 44	78 45	77 51	82 58	79 56	59 56	55 42	53 41	53 32	59 31	64 43	63 39	68.5 44.9
WILMINGTON PORTER RSVR	67 46	57 45	55 37	62 38	69 48	75 48	75 54	71 56	79 58	74 57	59 41	51 40	49 35	56 35	60 42	57 42	66.2 47.0
SOUTHERN 02 DOVER	72 44	71 49	57 39	65 36	76 53	77 54	79 59	79 59	82 62	82 68	71 47	56 37	51 35	58 29	60 40	66 40	70.6 48.4
GREENWOOD 2 NE	69 42	73 42	60 35	59 35	67 37	74 47	81 47	80 53	83 57	79 63	60 45	55 41	59 38	55 29	55 30	65 38	70.0 44.1
LEWES	72 45	68 47	59 38	68 39	73 53	77 51	76 61	75 57	84 66	82 69	74 46	57 40	51 42	56 34	66 42	65 41	70.7 50.1
MILFORD 2 SE	69 41	73 41	60 35	59 35	68 35	75 47	79 47	82 53	80 61	84 66	80 43	60 40	56 38	53 28	59 36	65 37	70.1 43.9

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 BELTSVILLE	WIND	-	*	87	42	35	114	*	*	213	48	61	63	*	*	190
	EVAP	-	*	25	18	19	21	*	*	67	13	16	27	*	*	51
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

OCTOBER 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 BELTSVILLE	*	138	97	40	*	*	152	27	*	118	114	*	*	312	30	-	2011B 5.00B M M	
	*	32	17	10	*	*	36	10	*	22	32	*	*	45	7	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

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 APPALACHIAN MOUNTAIN FROSTBURG 2 07 ALLEGHENY PLATEAU 08 OAKLAND 1 SE	SNOWFALL SN ON GND															
	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: 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 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	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	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	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	07	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.
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."

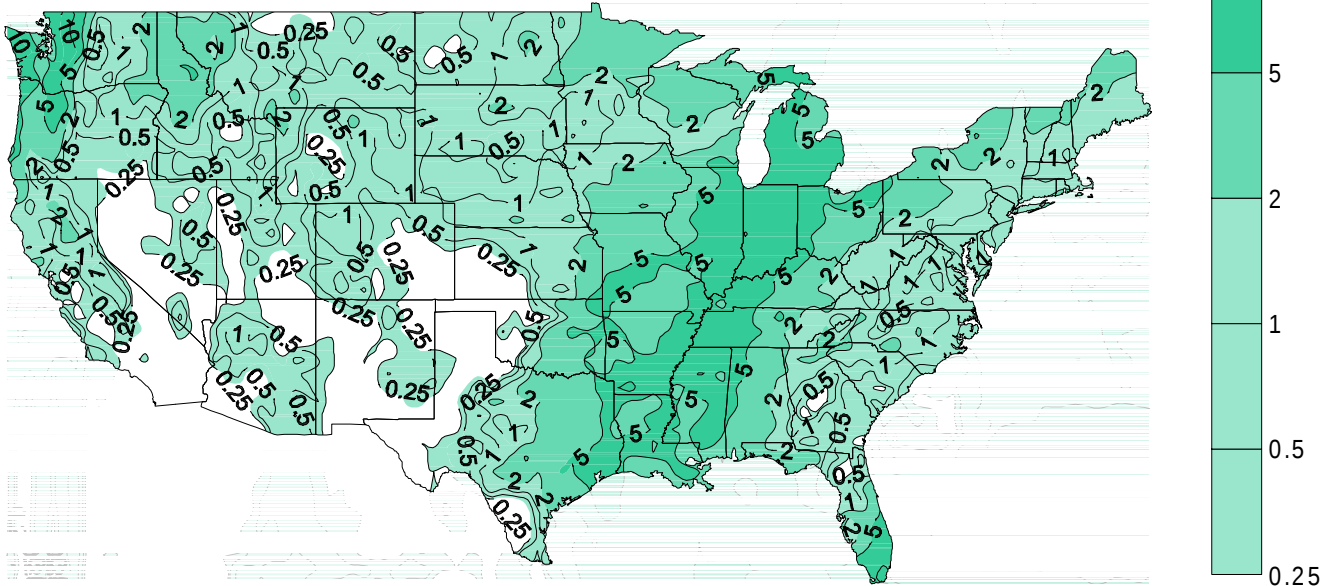
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this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

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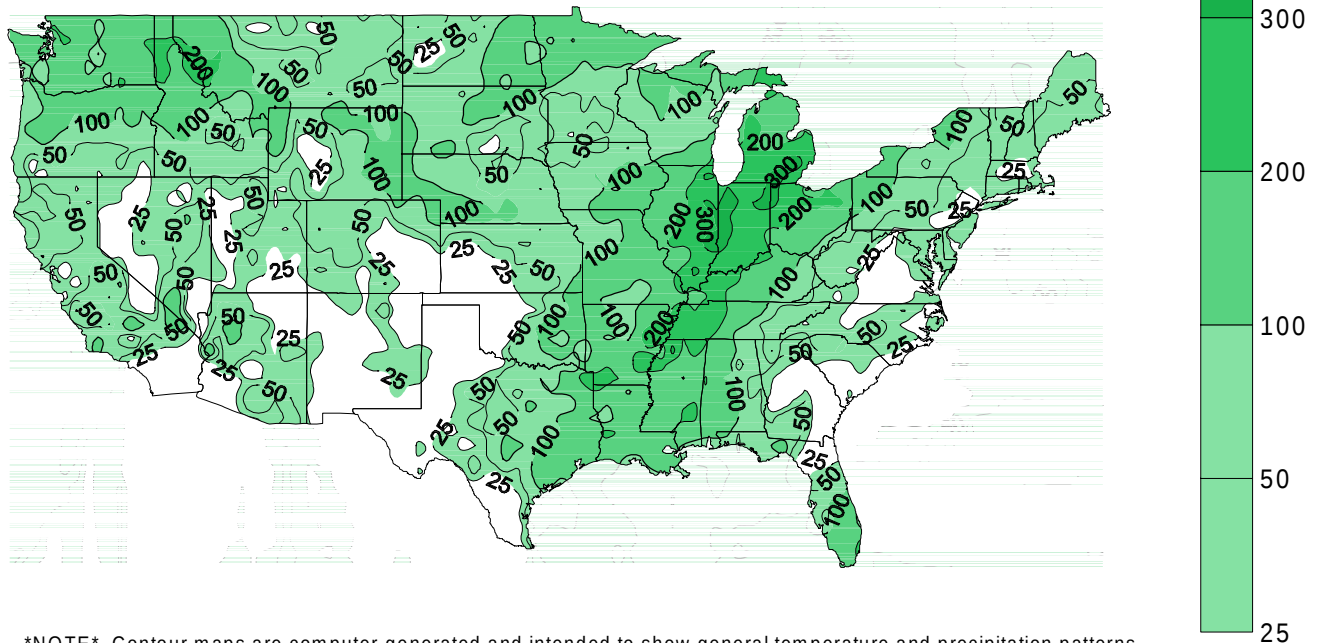
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Total Precipitation (Inches)
October 2001



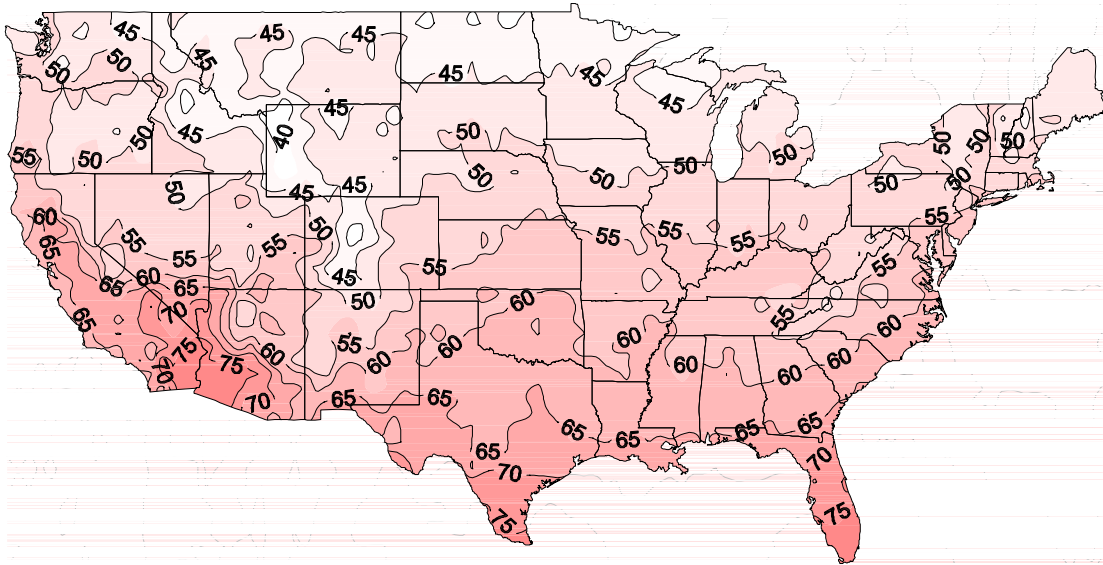
Percent of Normal Precipitation
October 2001



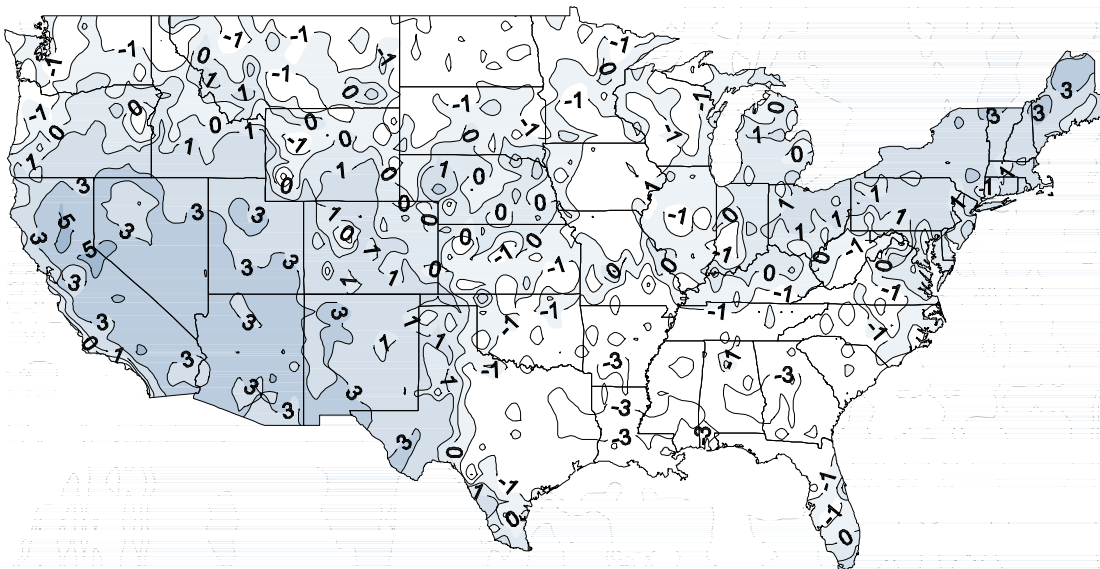
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

Average Temperature (Degrees F)
October 2001



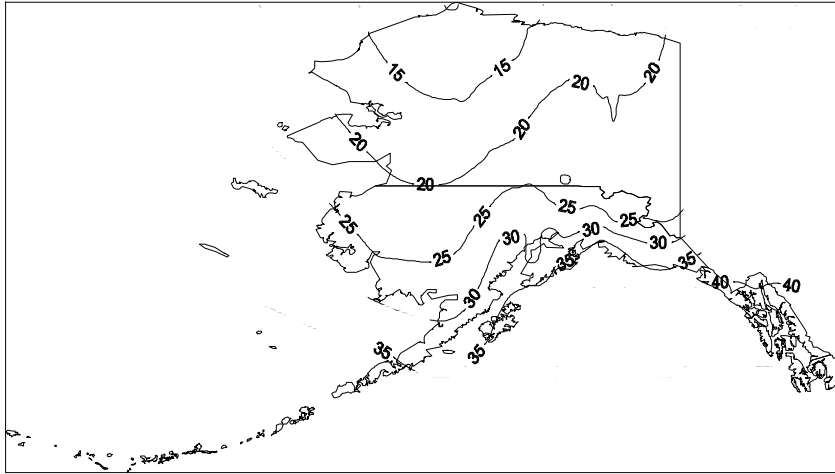
Departure of Average Temperature from Normal (Degrees F)
October 2001



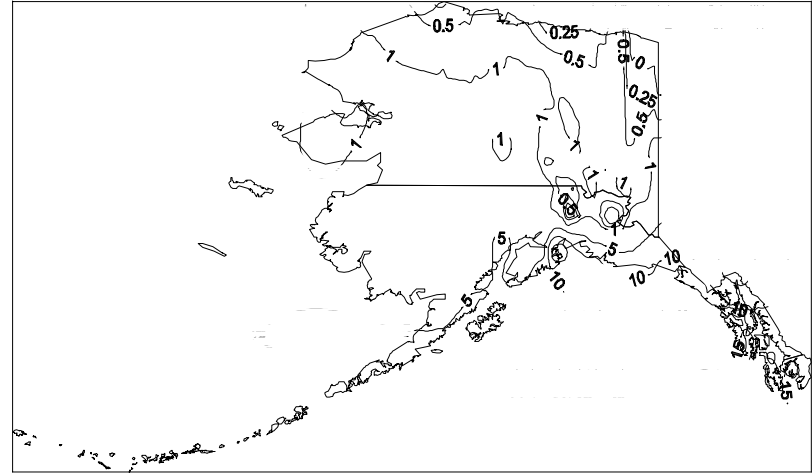
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

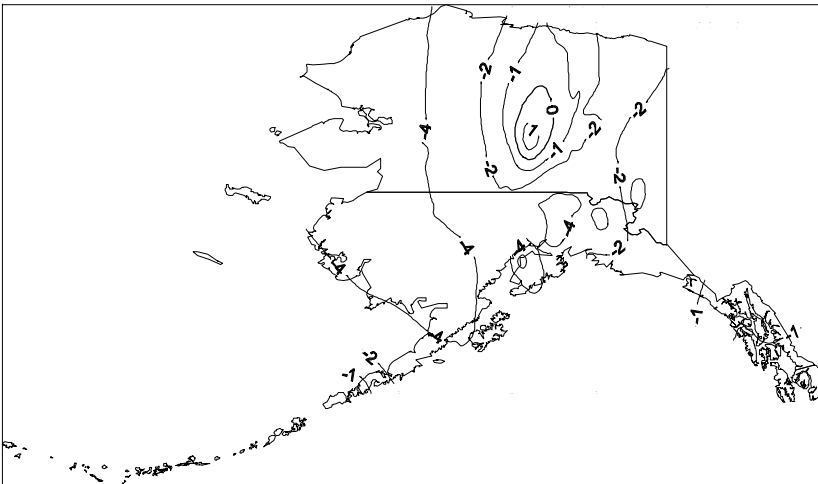
Average Temperature (Degrees F)
October 2001



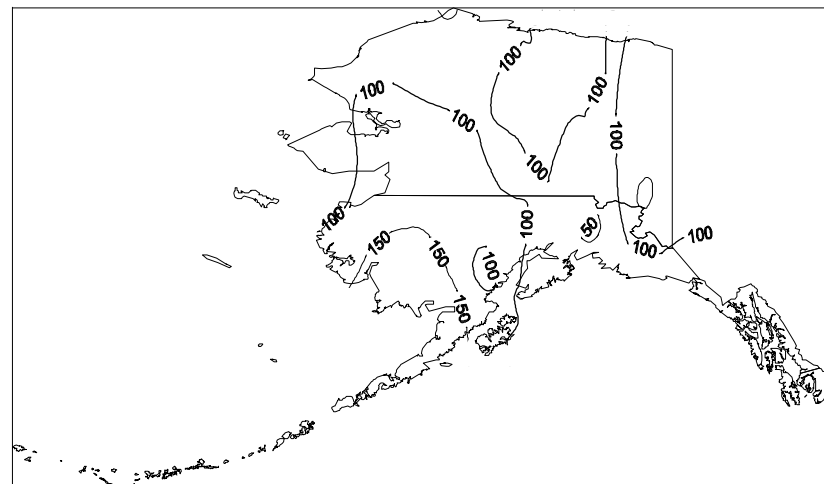
Alaska Precipitation (Inches)
October 2001



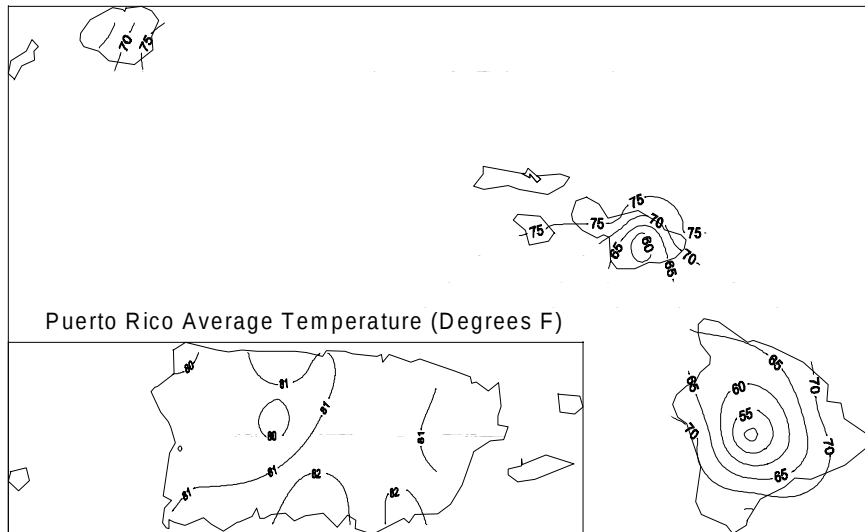
Departure of Average Temperature from Normal (Degrees F)
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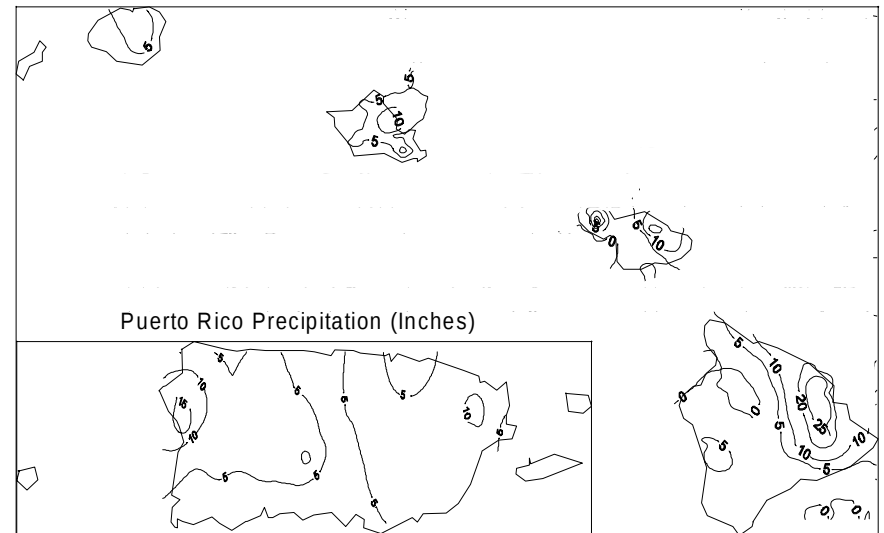
Percent of Normal Precipitation
October 2001



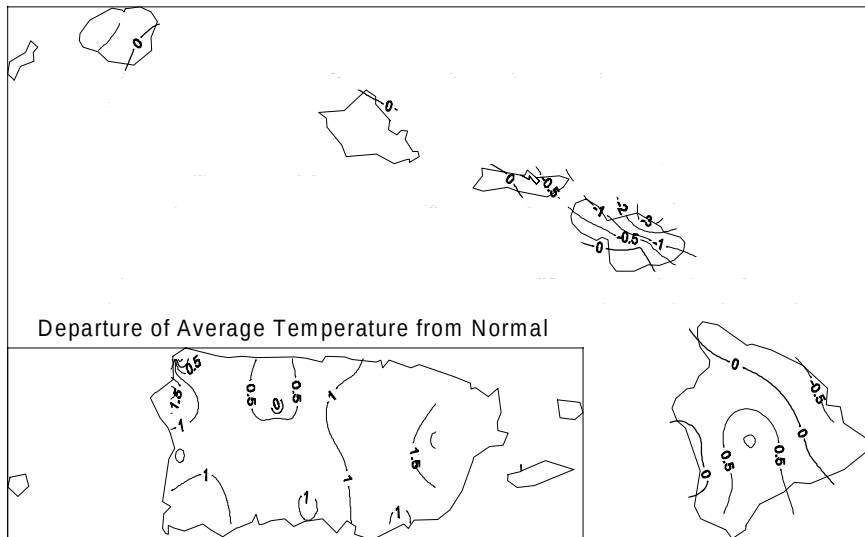
Hawaii Average Temperature (Degrees F)
October 2001



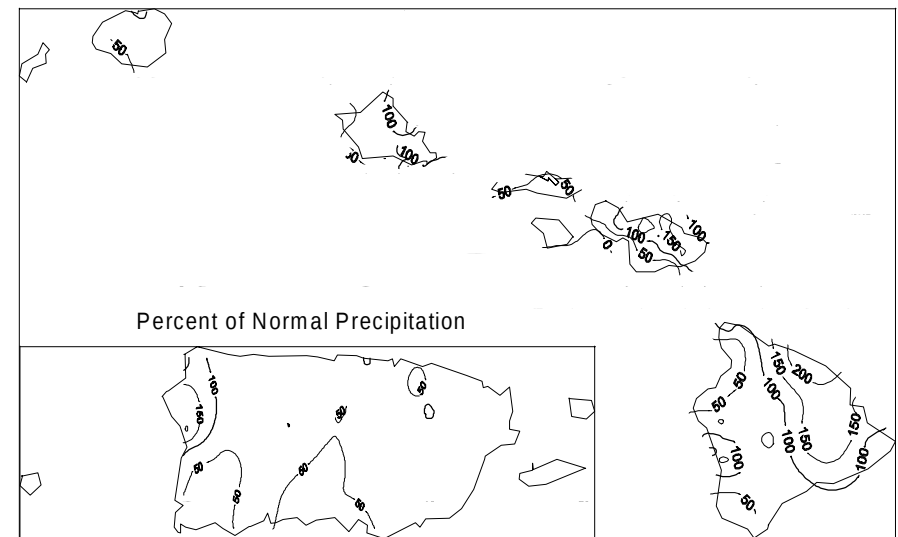
Hawaii Precipitation (Inches)
October 2001

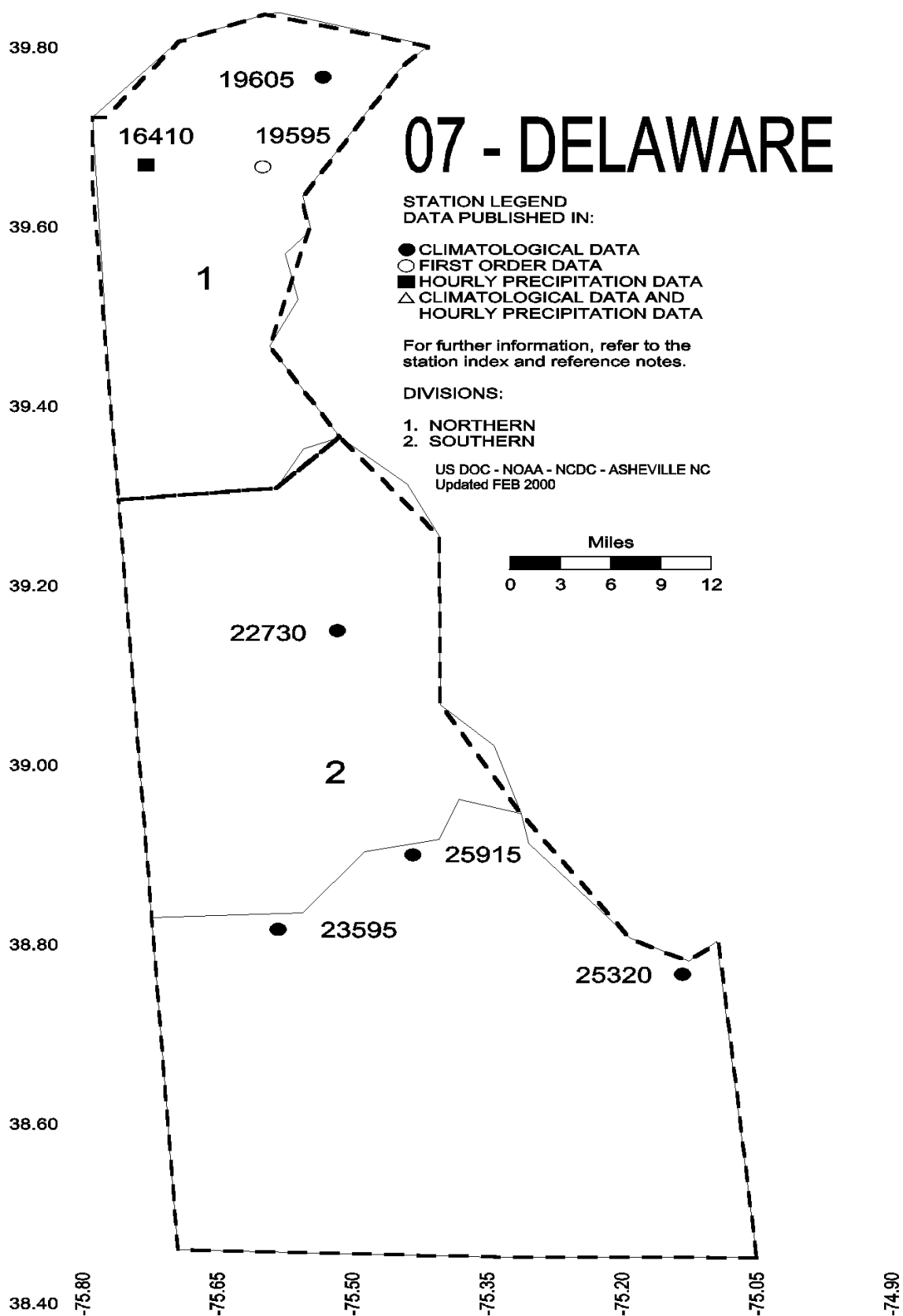


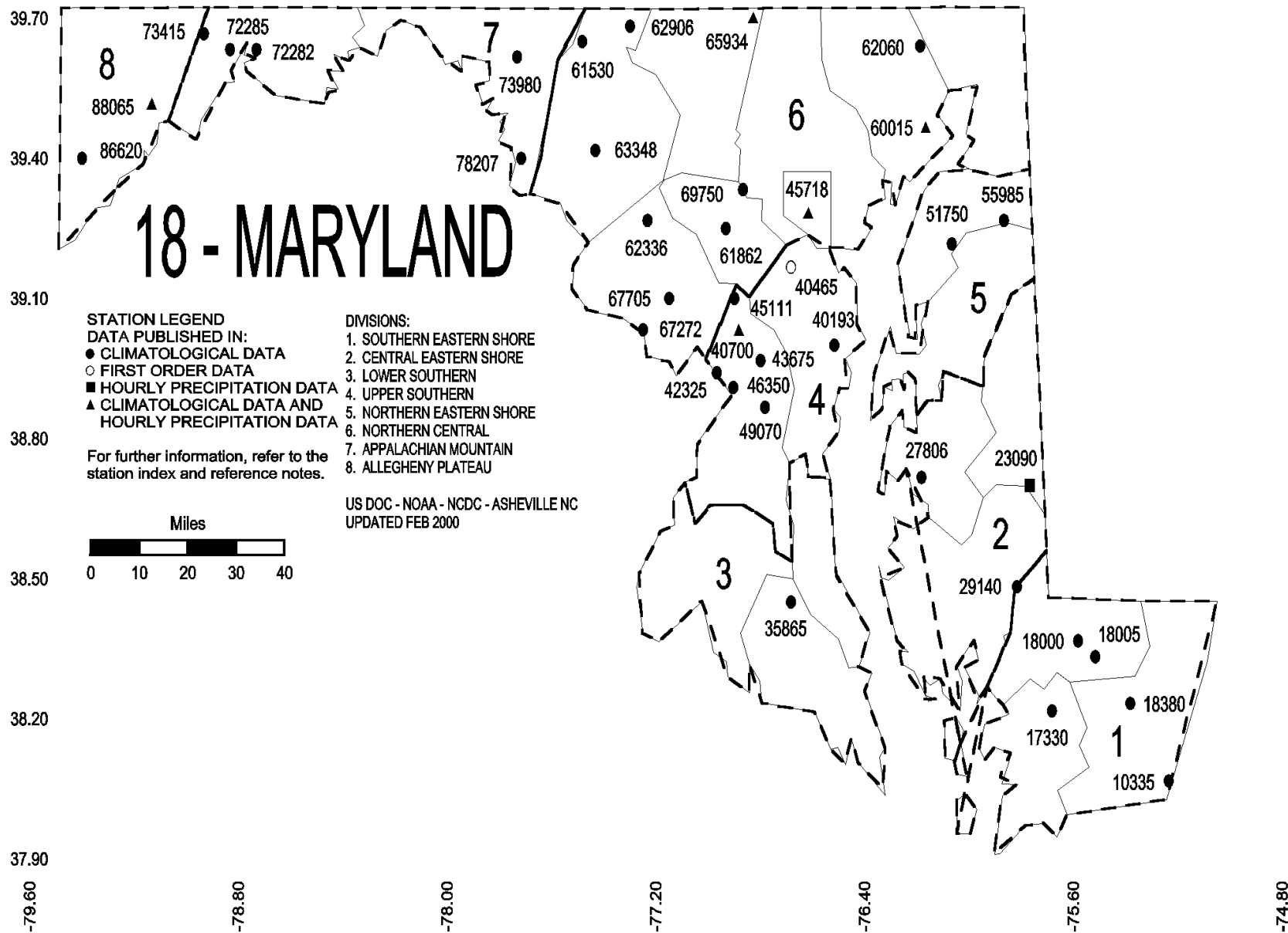
Departure of Average Temperature from Normal (Degrees F)
October 2001



Hawaii Percent of Normal Precipitation
October 2001







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