

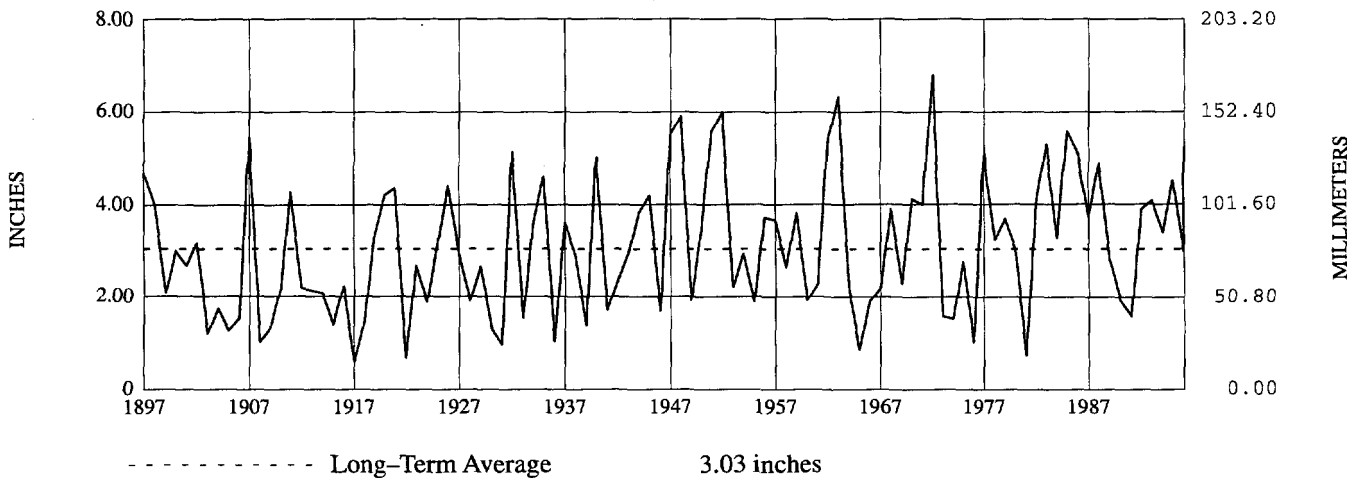
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

NOVEMBER 1996

VOLUME 100 NUMBER 11

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MARYLAND AND DELAWARE PRECIPITATION NOVEMBER, 1897-1996

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	82	NOVEMBER 7	VIENNA
LOWEST TEMPERATURE	3	NOVEMBER 15	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	5.09		WOODSTOCK
LEAST TOTAL PRECIPITATION	1.83		VIENNA
GREATEST 1 DAY PRECIPITATION	3.55	NOVEMBER 8	LAUREL 3 W
GREATEST TOTAL SNOWFALL	8.0		FROSTBURG 2
GREATEST DEPTH OF SNOW OR ICE	2	NOVEMBER 15+	2 STATIONS

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	77	NOVEMBER 7	NEWARK UNIVERSITY FARM
LOWEST TEMPERATURE	17	NOVEMBER 28	NEWARK UNIVERSITY FARM
GREATEST TOTAL PRECIPITATION	3.67		WILMINGTON PORTER RSVR
LEAST TOTAL PRECIPITATION	1.54		2 STATIONS
GREATEST 1 DAY PRECIPITATION	1.55	NOVEMBER 9	NEWARK UNIVERSITY FARM

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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 IS NATL SEA	52.5	37.0	44.8		68	8+	23	30	602	0	0	0	10	0
PRINCESS ANNE	54.5	34.2	44.4	-4.6	76	8	22	29+	617	6	0	0	18	0
SALISBURY	54.5	35.2	44.9	-5.2	76	8+	22	28	603	7	0	0	16	0
SALISBURY FAA ARPT	52.1	32.0	42.1	-6.5	76	8+	21	29+	685	2	0	1	20	0
SNOW HILL 4 N	53.8	33.6	43.7	-5.4	74	7	20	28	635	3	0	0	19	0
--DIVISIONAL DATA----->														
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	51.9	37.1	44.5	-4.9	73	7	22	28	611	3	0	0	11	0
VIENNA	54.4	35.7	45.1	-4.3	82	7	24	17	601	8	0	0	16	0
--DIVISIONAL DATA----->														
LOWER SOUTHERN 03														
LA PLATA 1 W	51.7	34.7	43.2	-5.1	74	8	22	29	649	1	0	0	18	0
MECHANICSVILLE 5 NE	51.1	32.6	41.9	-5.7	75	8	19	16	687	1	0	0	20	0
OWINGS FERRY LANDING	50.8	31.8	41.3	-7.0	73	8+	19	28+	705	0	0	0	20	0
--DIVISIONAL DATA----->														
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	51.3	34.9	43.1	-5.0	76	7	22	28	653	1	0	0	17	0
BALTIMORE WSO ARPT R	50.0	30.4	40.2	-6.6	73	7	18	28	736	0	0	0	21	0
BELTSVILLE	50.7	32.2	41.5	-4.4	71	9+	20	28+	699	0	0	0	21	0
DALECARLIA RESERVOIR	51.7	33.0	42.4	-5.0	73	8	19	17	673	0	0	0	18	0
GLENN DALE BELL STN	51.6	31.5	41.6	-5.4	73	8+	19	23+	696	1	0	0	20	0
LAUREL 3 W	50.4	33.8	42.1	-5.2	71	7	22	28	678	0	0	0	14	0
NATIONAL ARBORETUM DC	50.0	32.4	41.2	-6.0	71	8	21	17+	707	0	0	0	19	0
UPPER MARLBORO 3 NNW	52.0	30.4	41.2	-5.2	74	9	19	17+	706	1	0	0	21	0
--DIVISIONAL DATA----->														
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	51.1	31.2	41.2	-6.2	76	8+	18	28	706	0	0	1	20	0
MILLINGTON 1 SE	52.7	32.1	42.4	-4.2	77	8+	19	29+	677	6	0	1	19	0
--DIVISIONAL DATA----->														
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	50.7	35.5	43.1	-4.4	74	8	22	16	658	6	0	0	14	0
BALTIMORE CITY R	53.3M	39.8	46.6M	-3.0	74	7	28	16	552	3	0	0	6	0
CATOCTIN MOUNTAIN PARK	45.7	29.9	37.8		68	1	18	28	810	0	0	1	20	0
CLARKSVILLE 3 NNE	50.7	28.7	39.7		72	8	13	17	751	0	0	0	22	0
CONOWINGO DAM	52.5	32.8	42.7	-1.8	74	7	22	16	666	0	0	0	16	0
DAMASCUS 2 SSW	46.4	28.6	37.5		70	8	16	28+	817	0	0	1	21	0
EMMITSBURG 2 SE	48.0	30.1	39.1	-5.2	70	8	17	28+	772	0	0	1	22	0
FREDERICK POLICE BRKS	49.7	34.1	41.9		71	7	19	11	689	0	0	0	14	0
MILLERS 4 NE	46.7	29.9	38.3		67	8+	16	16	798	0	0	1	19	0
ROCKVILLE 1 NE	48.6	32.4	40.5	-4.4	71	8+	20	16	729	0	0	1	17	0
UNIONVILLE	48.8	28.6	38.7	-3.7	73	7	15	16	783	0	0	1	21	0
WESTMINSTER POL BRKS	48.6	28.9	38.8	-6.3	73	8	14	28	780	0	0	1	20	0
WOODSTOCK	49.2	31.2	40.2	-5.5	71	7	17	16	739	0	0	1	20	0
--DIVISIONAL DATA----->														
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	46.7	29.3	38.0	-6.6	74	7	18	15+	803	0	0	0	21	0
FROSTBURG 2	41.0	26.4	33.7		67	8	15	16+	930	0	0	8	22	0
HANCOCK	52.7M	26.2M	39.5M	-3.9	73	8	14	17	760	0	0	0	15	0
--DIVISIONAL DATA----->														
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	42.9	24.6	33.8	-6.3	70	7	3	15	928	0	0	9	28	0
SAVAGE RIVER DAM	42.6	27.3	35.0	-5.8	69	8	12	16+	894	0	0	3	24	0
--DIVISIONAL DATA----->														
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	51.5	31.4	41.5	-5.2	77	7	17	28	704	3	0	0	18	0
WILMINGTON WSO ARPT R	48.5	31.6	40.1	-6.2	71	7	18	28	741	0	0	1	19	0
WILMINGTON PORTER RSVR	48.6	32.2	40.4	-5.3	74	7	18	28	731	0	0	1	16	0
--DIVISIONAL DATA----->														
SOUTHERN 02														
DOVER	51.3	35.1	43.2	-5.8	74	7	19	28	646	2	0	0	14	0
GEORGETOWN 5 SW	51.6	32.0	41.8	-5.4	76	8	20	29+	694	5	0	1	19	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
MARYLAND										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE IS NATL SEA	2.33		1.35	26	T	T		5	1	1
PRINCESS ANNE	2.69	-.45	1.42	26	.0	T	0	6	2	1
SALISBURY	2.52	-.55	1.41	26	T	T		6	1	1
SALISBURY FAA ARPT	2.04	-1.11	1.13	26	T	T		5	1	1
SNOW HILL 4 N	2.55	-.67	1.24	26	T	T		4	2	1
--DIVISIONAL DATA----->	2.43	-.69			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	1.97	-1.45	1.20	9	T	T		2	2	1
VIENNA	1.83	-1.33	.88	26	T	T		4	2	0
--DIVISIONAL DATA----->	1.90	-1.42			.0					
LOWER SOUTHERN 03										
LA PLATA 1 W	2.80	-.62	1.01	8	M	.0	0	6	2	1
MECHANICSVILLE 5 NE	2.54	-.97	1.02	8	T	T		3	3	1
OWINGS FERRY LANDING	3.19	-.21			.0	0		2	1	0
--DIVISIONAL DATA----->	2.84	-.55			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	2.92	-.53	1.25	9	.0	0		4	3	1
BALTIMORE WSO ARPT R	3.77	.45	2.65	8	.3	T		3	2	1
BELTSVILLE	3.99	.75	3.06	9	.3	0		2	2	1
DALECARLIA RESERVOIR	2.32	-1.17	1.70	8	.0	0		2	1	1
GLENN DALE BELL STN	3.48	-.02	1.32	9	M	.0	0	3	3	2
LAUREL 3 W	4.97	1.14	3.55	8	M	.0	0	6	2	1
NATIONAL ARBORETUM DC	3.79	-.39	2.91	9	T	T		2	2	1
UPPER MARLBORO 3 NNW	3.04	-.30	2.02	9	T	T		3	2	1
--DIVISIONAL DATA----->	3.54	.14			.1					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	2.88	-.51	1.89	8	T	T		4	2	1
MILLINGTON 1 SE	1.84	-1.47	1.04	9	T	T		2	2	1
--DIVISIONAL DATA----->	2.36	-1.03			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	3.62	.30	1.79	9	T	T		4	2	2
BALTIMORE CITY R					M	M				
CATOCTIN MOUNTAIN PARK	2.10		1.10	26	4.7	2	14	2	2	1
CLARKSVILLE 3 NNE	4.96		2.30	8	T	T		5	4	2
CONOWINGO DAM	3.30	-.44	2.54	9	.0	0		6	1	1
DAMASCUS 2 SSW	4.10		2.44	8	1.5	1	14	5	2	2
EMMITSBURG 2 SE	4.02	.33	1.50	26	1.0	T		8	3	2
FREDERICK POLICE BRKS	3.07		1.22	26	.0	0		4	3	1
MILLERS 4 NE	3.92		1.80	8	1.4	T		3	3	2
ROCKVILLE 1 NE	4.43	1.13	3.03	8	1.0	0		4	2	1
UNIONVILLE	3.65	.22	2.10	8	.0	0		3	2	2
WESTMINSTER POL BRKS	3.56	.21	1.90	8	T	T		5	2	2
WOODSTOCK	5.09	1.46	3.54	8	1.0	0		5	2	2
--DIVISIONAL DATA----->	3.82	.24			.9					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	3.44	.68	1.27	26	1.0	1	14	4	3	2
FROSTBURG 2	4.21		1.67	9	8.0	2	15+	3	3	3
HANCOCK	M 3.18		1.70	9	M	.0	0	3	2	2
--DIVISIONAL DATA----->	3.83	.72			4.5					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	3.49	-.15	1.31	8	7.7	T		4	2	2
SAVAGE RIVER DAM	3.02	.17	1.27	26	M 1.0	T		3	3	1
--DIVISIONAL DATA----->	3.26	-.30			7.7					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	3.49	.21	1.55	9	.0	0		4	2	2
WILMINGTON WSO ARPT R	3.25	-.02	1.28	26+	M	M		4	2	2
WILMINGTON PORTER RSVR	3.67	-.13	1.46	26	M	.0	0	5	2	2
--DIVISIONAL DATA----->	3.47	.06			.0					
SOUTHERN 02										
DOVER	1.54	-1.61	.81	9	.0	0		3	2	0
GEORGETOWN 5 SW	1.60	-1.58	.57	26	.0	0		5	1	0

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	51.3	32.7	42.0		76	7	19	28	688	6	0	1	19	0	
LEWES	53.9	38.3	46.1	-3.4	76	7	24	28	563	6	0	0	7	0	
--DIVISIONAL DATA----->			43.3	-5.2											

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	1.73		.78	9	M	.0	0		3	2	0
LEWES	1.54	-1.74	.57	9		.0	0		4	2	0
--DIVISIONAL DATA----->	1.60	-1.61				.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 IS NATL SEA	2.33						.20	.13	.40							T	
PRINCESS ANNE	2.69		.28				.14			.59	.04						
SALISBURY	2.52		.19				.15	.01	.01	.49	.05					T	
SALISBURY FAA ARPT	2.04	.01	.16				.02	.14	.26	.08					T	T	
SNOW HILL 4 N	2.55	T	.31				.09	.05	.03	.64					T	T	
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	1.97	T	.03				T		.02	1.20	.03					T	
VIENNA	1.83		.11							.60	.02					T	
LOWER SOUTHERN 03																	
LA PLATA 1 W	2.80		.20						1.01	.38	.38					.15	
MECHANICSVILLE 5 NE	2.54	.01	.07				T	.01	1.02	.51	.01	T				.06	
OWINGS FERRY LANDING	3.19	.01	T				T	T	*	2.40				*		.07	
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	2.92	.02							.68	1.25		.05				.10	
BALTIMORE WSO ARPT R	3.77	.07					T	T	2.65	.02	T					.05	
BELTSVILLE	3.99	T								3.06						T	
DALECARLIA RESERVOIR	2.32	.08							1.70	.38						.07	
GLENN DALE BELL STN	3.48	.04						.01	1.10	1.32	.03					.05	
LAUREL 3 W	4.97	.10							3.55	.10	.02					.10	
NATIONAL ARBORETUM DC	3.79		.04						T	2.91	.03	T				.01	
UPPER MARLBORO 3 NNW	3.04							T	.01	2.02						.05	
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	2.88	.01					T	T	1.89	.22	T					.05	
MILLINGTON 1 SE	1.84	.02					T	T	T	1.04	.04					T	
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL R	3.62	.24					T	T	.08	1.79	.11					.01	
BALTIMORE CITY M		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CATOCTIN MOUNTAIN PARK	2.10	.02							.73	.08	.06					.02	
CLARKSVILLE 3 NNE	4.96	.13							2.30	.64	.80					.09	
CONOWINGO DAM	3.30	.18	.18					.02	.02	2.54	.11	.01	.01			.01	
DAMASCUS 2 SSW	4.10	.05						T	2.44	.13						.14	
EMMITSBURG 2 SE	4.02	.10							1.10	.87	.05					.10	
FREDERICK POLICE BRKS	3.07								.77	.68	.22		T			.06	
MILLERS 4 NE	3.92	.03					T	T	1.80	.50	.09					.05	
POTOMAC FILTER PLANT	4.27	.07						.03	2.70	.10						.05	
ROCKVILLE 1 NE	4.43	.05					T	T	3.03	.12	.01					.08	
UNIONVILLE	3.65	T							2.10	.15							
WESTMINSTER POL BRKS	3.56	.11							1.90	.18						.10	
WOODSTOCK	5.09	.09							3.54	.10						.14	
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	3.44								.01	.73	1.22					.05	
FROSTBURG 2	4.21		T				T	T	1.03	1.67	T	.03	.03	T	.04	.04	
HANCOCK M	3.18								.02	.05	1.70	.03				-	
ALLEGHENY PLATEAU 08																	
MERRILL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OAKLAND 1 SE	3.49	T				T		.02	.06	1.31	.19	.09	T	.07	T	.06	
SAVAGE RIVER DAM	3.02	T	T						T	.71	.91	T	.04	T	T	.05	
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM R	3.49	.35									1.55	.10					
WILMINGTON WSO ARPT	3.25	.23						T	T	1.28	.09	T					
WILMINGTON PORTER RSVR	3.67	.36						T	T	1.25	.18						
SOUTHERN 02																	
DOVER	1.54	T	T							.81	.13						
GEORGETOWN 5 SW	1.60		.04	.15						.04	.44	.01					
GREENWOOD 2 NE	1.73		.09					T	T	.78	T					T	
LEWES	1.54		.13					.02	.06	.05	.57	.02				.05	

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 IS NATL SEA			.04	.03		.07					1.35				.11	
PRINCESS ANNE				.12			.10				1.42					
SALISBURY				.10			.11				1.41					
SALISBURY FAA ARPT			.05	.09		T					1.13				.10	
SNOW HILL 4 N				.15	T	T	.04				1.24					
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW				.07							.62	T			T	
VIENNA				.16			.02			.04	.88					
LOWER SOUTHERN 03																
LA PLATA 1 W				.07			.05				.51				.05	
MECHANICSVILLE 5 NE			T	.07	T	.01					.76				.01	
OWINGS FERRY LANDING				.11							.59				T	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS			T	.09							.05	.68	T	T	T	
BALTIMORE WSO ARPT			T	.02						.04	.73	T			.19	
BELTSVILLE				.05							.83					
DALECARLIA RESERVOIR					.05											
GLENN DALE BELL STN			.03	.07	.01	T					.82	T			.04	
LAUREL 3 W			.01	.02						.05	.87				.15	
NATIONAL ARBORETUM DC				.07							.73					
UPPER MARLBORO 3 NNW				.12							.84					
NORTHERN EASTERN SHORE 05																
CHESTERTOWN			.03	.04						.01	.52		T		.11	
MILLINGTON 1 SE			.01	.06							.67		T			
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL			.01	.09							1.29			T		
BALTIMORE CITY																
CATOCTIN MOUNTAIN PARK			.02	.01						.01	1.10	.01	.01		.03	
CLARKSVILLE 3 NNE			T	T							1.00	T			T	
CONOWINGO DAM				.10								.10			.02	
DAMASCUS 2 SSW			T	.06							1.08	T			.20	
EMMITSBURG 2 SE			.10	.10						.10	1.50		T	T		
FREDERICK POLICE BRKS			.05								1.22				.07	
MILLERS 4 NE			T	.02						T	1.40	T	.02		.01	
POTOMAC FILTER PLANT			.10	.05						.05	.87				.25	
ROCKVILLE 1 NE			.02	T						.06	.77				.29	
UNIONVILLE			T								1.32				.08	
WESTMINSTER POL BRKS											1.22		T		.05	
WOODSTOCK			T	.03							1.08				.11	
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2			.01	.12							1.27	.02				
FROSTBURG 2			T	.06	T	T		T			1.22	.08	.01	T	T	
HANCOCK				.12							1.26					
ALLEGHENY PLATEAU 08																
MERRILL																
OAKLAND 1 SE			.06	.05	.05	.02	.03			.09	1.07	.03	T		.29	
SAVAGE RIVER DAM			.02	.02	T			T			1.27		T		T	
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM				.08							1.41					
WILMINGTON WSO ARPT			.06	.01						.07	1.28		T		.23	
WILMINGTON PORTER RSVR			.07	T						.07	1.46		T		.28	
SOUTHERN 02																
DOVER				.07							.53					
GEORGETOWN 5 SW				.16							.57	.19				
GREENWOOD 2 NE				.11	T						.75					
LEWES				.14							.50					

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 IS NATL SEA	07	MAX	60	50	51	56	68	67	68	68	59	52	47	47	45	41	44
		MIN	50	40	31	32	44	58	59	58	47	40	36	33	33	34	31
PRINCESS ANNE	17	MAX	69	52	50	57	67	70	72	76	74	56	44	44	44	41	43
		MIN	48	38	33	26	37	54	55	66	49	34	27	26	22	32	27
SALISBURY	17	MAX	65	49	48	56	68	68	76	76	72	50	46	44	44	39	43
		MIN	49	41	34	29	40	53	55	66	47	35	31	30	25	34	27
SALISBURY FAA ARPT	MID	MAX	56	46	50	56	67	68	76	76	59	50	46	44	44	39	33
		MIN	47	38	28	25	35	54	53	58	43	35	31	26	22	29	25
SNOW HILL 4 N	17	MAX	64	50	49	57	69	67	74	72	69	52	46	44	45	40	43
		MIN	47	41	29	25	35	54	52	64	49	36	27	25	21	30	26
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	64	49	49	55	64	67	73	72	70	53	46	43	40	38	41
		MIN	47	42	38	30	47	49	57	64	48	39	36	34	29	34	29
VIENNA	18	MAX	60	48	50	55	66	69	82	75	75	55	47	48	44	40	41
		OBS											***				
		MIN	46	40	34	29	41	51	54	64	47	36	32	30	25	34	26
		OBS					29						***				
LOWER SOUTHERN 03																	
LA PLATA 1 W	18	MAX	62	51	50	58	68	68	72	74	57	51	45	44	40	35	40
		MIN	46	43	32	29	42	52	52	57	45	32	29	27	25	32	26
MECHANICSVILLE 5 NE	19	MAX	60	48	49	56	67	66	72	75	56	49	44	42	39	34	39
		MIN	46	39	30	25	41	49	55	56	45	31	26	25	21	31	25
OWINGS FERRY LANDING	17	MAX	67	49	48	55	66	65	73	73	55	51	43	41	38	38	40
		OBS								***	74				***		
		MIN	44	40	28	26	35	48	55	55	43	29	25	26	22	22	22
		OBS								***		***			***		
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	68	48	50	58	60	60	76	69	60	48	44	44	42	36	40
		MIN	45	46	32	29	38	45	56	60	38	34	32	28	28	27	29
BALTIMORE WSO ARPT	MID	MAX	54	50	49	56	65	61	73	69	55	48	44	42	40	36	41
		MIN	41	34	29	27	32	44	55	50	38	29	27	26	23	28	22
BELTSVILLE	08	MAX	69	48	49	49	56	65	62	71	71	54	47	44	43	38	35
		MIN	45	42	29	27	27	43	50	57	42	31	30	30	25	32	26
DALECARLIA RESERVOIR	17	MAX	67	51	50	56	66	63	72	73	56	50	44	43	38	47	42
		MIN	43	42	28	27	36	44	57	52	42	40	26	29	24	29	24
		OBS						57								39	
GLENN DALE BELL STN	16	MAX	69	49	51	55	65	64	73	73	62	55	47	45	40	39	40
		OBS			63												
		MIN	44	40	32	25	33	43	52	58	44	30	25	28	20	31	20
LAUREL 3 W	MID	MAX	56	49	49	56	65	63	71	70	55	48	44	42	39	38	43
		MIN	43	37	31	34	40	43	54	49	38	33	31	29	25	29	26
		OBS															
NATIONAL ARBORETUM DC	07	MAX	64	58	48	51	55	63	61	71	70	53	45	42	46	38	33
		OBS															
		MIN	49	43	33	27	30	38	50	57	45	35	29	30	25	32	26
UPPER MARLBORO 3 NNW	08	MAX	71	49	50	51	58	68	66	73	74	56	49	45	44	39	34
		MIN	46	42	28	25	26	37	47	58	44	33	29	30	23	26	24
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	56	51	50	57	64	64	76	76	53	49	45	44	42	36	51
		MIN	41	37	31	27	37	43	53	53	40	32	32	29	23	26	23
MILLINGTON 1 SE	18	MAX	73	49	49	57	65	65	77	77	73	51	46	46	44	37	41
		MIN	43	38	30	26	35	45	51	65	45	34	28	28	24	32	24
		OBS		***													
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	16	MAX	66	48	47	53	61	59	73	74	69	53	45	41	40	38	40
		OBS															
		MIN	43	42	34	31	36	50	55	68	46	33	33	31	28	32	27
		OBS											***				
BALTIMORE CITY	MID	MAX		56	51	59	67	61	74	72	59	53	48	45	44	41	43
		MIN	47	44	38	39	46	52	61	54	44	39	34	33	32	32	29
CATOCTIN MOUNTAIN PARK	17	MAX	68	42	44	52	61	60	65	66	51	39	37	36	36	33	37
		MIN	36	32	27	29	37	42	52	49	37	29	25	22	22	19	19
CLARKSVILLE 3 NNE	17	MAX	65	48	49	56	67	60	71	72	56	52	44	42	49	38	41
		MIN	41	36	30	23	30	38	53	54	40	28	27	23	20	28	17
CONOWINGO DAM	MID	MAX	51	52	50	60	62	58	74	72	64	54	54	54	44	54	54
		OBS														54	
		MIN	39	36	34	32	46	47	53	54	41	31	27	25	26	24	24
DAMASCUS 2 SSW	22	MAX	56	48	47	53	52	58	69	70	51	43	40	40	35	33	39
		MIN	38	34	24	24	35	40	56	47	35	29	26	22	18	22	18
EMMITSBURG 2 SE	17	MAX	60	45	47	52	59	60	69	70	54	49	40	41	40	37	38
		MIN	42	38	29	23	31	38	54	54	42	32	28	27	25	24	19
FREDERICK POLICE BRKS	17	MAX	65	51	48	54	63	65	71	69	56	51	43	42	39	39	39
		MIN	45	41	34	29	39	41	53	55	42	33	19	32	28	29	23

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 IS NATL SEA	49	58	55	54	51	45	43	49	54	58	64	41	34	45	51		52.5
	33	30	31	42	37	34	34	32	34	37	40	28	25	24	23		37.0
PRINCESS ANNE	49	55	55	55	51	48	45	48	57	64	65	53	39	44	49		54.5
	26	22	28	45	39	23	32	29	27	30	52	31	22	22	24		34.2
SALISBURY	50	55	54	55	48	45	48	56	58	63	64	65	37	44	49		54.5
	25	24	30	44	37	27	31	28	27	30	52	33	22	24	26		35.2
SALISBURY FAA ARPT	48	56	55	56	49	46	45	48	56	64	65	40	32	43	49		52.1
	24	23	27	38	30	27	31	28	27	28	39	25	21	21	23		32.0
SNOW HILL 4 N	48	56	55	55	50	45	44	49	56	64	65	56	35	44	50		53.8
	25	21	27	46	38	26	31	28	27	28	53	32	20	22	23		33.6
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	44	51	50	56	50	44	46	46	51	59	63	50	35	42	45		51.9
	23	26	31	46	40	29	34	34	30	37	50	34	22	26	28		37.1
VIENNA	53	55	55	56	52	49	46	48	56	59	64	54	37	44	49		54.4

	25	24	29	44	39	29	28	32	29	38	51	32	26	28	27		35.7

LOWER SOUTHERN 03																	
LA PLATA 1 W	45	53	55	56	50	43	46	48	55	57	62	42	35	43	45		51.7
	23	25	33	45	40	31	31	29	30	36	41	32	23	22	30		34.7
MECHANICSVILLE 5 NE	44	53	55	56	51	44	45	48	52	61	65	43	33	42	45		51.1
	19	22	29	44	38	29	29	27	27	30	43	31	20	20	25		32.6
OWINGS FERRY LANDING	44	53	54	55	49	43	45	46	49	58	62	44	34	41	44		50.8
	19	21	29	44	37	27	30	28	27	32	44	31	19	20	26		31.8
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	44	53	53	58	48	47	46	58	49	52	60	50	39	39	40		51.3
	24	23	31	46	40	30	30	30	30	38	49	38	22	24	24		34.9
BALTIMORE WSO ARPT	45	54	55	56	48	43	47	48	48	53	61	39	33	43	43		50.0
	19	20	30	37	33	27	32	25	29	30	37	23	18	21	25		30.4
BELTSVILLE	42	47	54	56	55	46	41	45	48	48	60	59	38	36	46		50.7
	20	22	31	40	39	28	32	24	29	29	35	32	20	23	26		32.2
DALECARLIA RESERVOIR	47	54	55	57	49	43	45	49	51	53	61	46	36	45	43		51.7
	21	19	30	43	41	38	31	25	28	32	46	30	21	21	20		33.0
	40																
GLENN DALE BELL STN	42	45	55	56	53	46	46	44	49	54	60	49	36	44	42		51.6
	26	27	19	45	36	25	30	19	26	23	47	30	24	22	22		31.5
LAUREL 3 W	47	54	57	55	48	43	45	49	50	55	58	39	33	45	45		50.4
	25	29	34	41	35	32	33	30	36	35	36	28	22	26	30		33.8
			47														
NATIONAL ARBORETUM DC	39	44	51	55	55	45	42	43	45	49	60	58	39	33	43		50.0
	21	21	23	39	41	30	32	25	25	30	35	32	22	22	25		32.4
UPPER MARLBORO 3 NNW	41	48	56	55	56	48	42	46	48	50	62	61	39	34	46		52.0
	19	19	21	34	39	29	29	27	26	28	31	31	20	20	21		30.4
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	47	55	54	57	48	44	44	48	49	59	60	37	30	43	44		51.1
	19	22	27	36	34	26	29	30	30	31	37	26	18	20	23		31.2
MILLINGTON 1 SE	47	56	55	57	49	45	43	48	49	58	62	44	31	43	44		52.7
	19	20	26	44	33	24	28	26	29	31	44	31	19	19	23		32.1
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	44	56	54	55	53	43	45	45	48	49	57	46	33	41	44		50.7
		***											***		***		
	22	26	32	43	37	25	33	28	35	37	46	32	23	28	29		35.5
		***											***		***		
BALTIMORE CITY	47	55	55	60	52	50	49	53	53	56	65	43	39	48	49		53.3
	28	32	40	46	38	36	39	44	43	46	42	33	30	35	39		39.8
CATOCTIN MOUNTAIN PARK	43	54	51	47	41	36	40	46	45	50	52	33	31	41	34		45.7
	21	24	35	34	32	26	28	26	36	35	32	24	18	23	27		29.9
CLARKSVILLE 3 NNE	46	54	56	55	48	43	44	46	49	52	58	43	33	44	41		50.7
	15	13	26	41	31	23	26	21	27	26	41	30	16	17	21		28.7
CONOWINGO DAM	50	54	52	54	47	46	46	48	47	50	56	42	42	42	42		52.5
	22	24	24	37	33	30	30	30	33	36	35	27	24	26	34		32.8
DAMASCUS 2 SSW	44	50	50	51	44	40	42	44	46	50	52	37	29	41	38		46.4
	16	20	31	36	30	24	32	21	31	32	35	24	16	17	25		28.6
EMMITSBURG 2 SE	42	47	45	52	45	42	43	46	47	59	50	50	31	41	38		48.0
	17	19	31	31	35	22	30	23	30	31	39	29	17	20	22		30.1
FREDERICK POLICE BRKS	44	49	50	51	51	43	44	47	49	50	53	46	35	42	41		49.7
	20	22	36	42	40	31	35	29	38	37	45	29	21	26	29		34.1

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	
MILLERS 4 NE	18	OBS MAX MIN	57 39	47 37	46 26	53 25	61 36	59 40	67 55	67 52	67 38	52 30	44 24	39 23	39 21	39 28	36 28	38 18
ROCKVILLE 1 NE		MID MAX MIN	54 43	49 34	47 29	55 28	63 42	60 46	71 57	71 47	71 37	52 31	45 29	41 27	39 27	37 27	35 27	40 24
UNIONVILLE	17	MAX MIN	58 43	50 40	48 26	56 22	64 33	62 34	73 52	71 59	71 38	59 31	45 24	42 24	42 20	38 24	36 24	42 16
WESTMINSTER POL BRKS	17	MAX MIN	61 37	43 30	45 26	52 27	62 34	60 42	71 48	73 45	60 37	55 27	41 24	46 21	37 21	35 24	37 19	37 19
WOODSTOCK	18	MAX MIN	60 42	49 39	48 28	56 25	65 35	60 40	71 56	69 54	55 43	45 31	43 26	41 26	39 23	36 30	41 21	41 21
APPALACHIAN MOUNTAIN	07																	
CUMBERLAND 2	17	MAX MIN	56 32	46 32	45 25	58 26	54 39	61 40	74 50	68 41	48 36	41 30	38 28	39 23	40 23	36 23	40 18	40 18
FROSTBURG 2	07	MAX MIN	53 36	40 29	36 26	36 25	50 28	54 36	57 42	67 51	61 33	39 28	33 24	30 21	28 18	30 20	27 15	27 15
HANCOCK	08	MAX MIN OBS	54 32	49 22	49 22	58 23	54 36	65 34	68 36	73 40	53 37	48 27						44 15
ALLEGHENY PLATEAU	08																	
OAKLAND 1 SE	17	MAX MIN	51 32	36 27	36 25	55 19	56 32	67 32	70 50	65 38	38 31	36 26	27 21	26 19	28 16	27 23	30 3	30 3
SAVAGE RIVER DAM	08	MAX OBS MIN	53 39	42 31	39 30	38 25	52 27	56 37	58 40	69 49	61 37	40 32	35 27	32 25	31 21	33 21	33 12	33 12
DELAWARE																		
NORTHERN	01																	
NEWARK UNIVERSITY FARM	17	MAX MIN	72 40	49 38	49 27	57 27	63 33	60 43	77 52	76 60	70 41	49 31	42 28	42 25	42 24	42 26	41 25	41 25
WILMINGTON WSO ARPT	MID	MAX MIN	51 40	48 35	48 30	54 30	61 35	60 47	71 56	70 56	57 41	48 33	41 30	42 27	41 24	38 26	40 24	40 24
WILMINGTON PORTER RSVR	MID	MAX MIN	51 39	47 34	46 29	54 33	61 37	61 49	74 56	72 57	57 38	48 34	40 28	41 29	40 25	37 25	40 25	40 25
SOUTHERN	02																	
DOVER	17	MAX MIN	65 43	46 41	45 34	55 28	66 40	66 48	74 54	72 61	71 45	53 34	43 30	43 28	40 27	39 32	37 26	37 26
GEORGETOWN 5 SW	08	MAX MIN	68 43	55 41	41 30	48 25	56 35	66 46	67 53	76 64	73 45	57 33	50 30	45 27	44 21	41 30	36 26	36 26
GREENWOOD 2 NE	18	MAX MIN	58 43	47 39	47 28	56 25	65 36	68 47	76 53	75 66	72 45	48 32	44 29	42 26	41 22	35 31	40 24	40 24
LEWES	17	MAX OBS MIN	64 48	50 43	49 34	56 31	70 39	68 53	76 57	73 64	70 51	51 38	48 34	47 30	43 29	42 36	43 34	43 34

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH														AVERAGE		
	16	17	18	19	20	21	22	23	24	25	26	27	28	29		30	31
MILLERS 4 NE	44	54	51	51	43	39	42	45	45	52	51	35	27	40	38		46.7
	16	20	30	39	32	23	28	27	35	34	35	27	17	18	24		29.9
ROCKVILLE 1 NE	45	52	53	52	47	40	44	51	50	54	58	37	32	42	42		48.6
	20	23	33	41	35	31	34	29	32	34	35	25	21	22	30		32.4
UNIONVILLE	47	42	48	54	47	43	44	47	48	53	53	40	32	42	39		48.8
	15	18	28	33	31	22	26	21	28	30	38	29	16	16	22		28.6
WESTMINSTER POL BRKS	42	51	50	49	49	48	44	45	46	52	52	45	32	38	38		48.6
	19	23	31	37	35	24	28	24	34	32	39	22	14	19	23		28.9
WOODSTOCK	46	53	55	54	46	43	44	48	48	50	56	41	31	42	40		49.2
	17	20	28	42	37	25	28	26	31	32	40	29	18	20	24		31.2
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	46	47	46	50	43	42	40	48	47	46	46	36	35	44	41		46.7
	21	24	34	37	29	31	26	27	34	34	28	20	21	23	30		29.3
FROSTBURG 2	29	38	50	51	42	33	34	31	44	43	52	48	26	31	37		41.0
	15	19	21	34	31	24	25	26	23	34	35	21	18	16	17		26.4
HANCOCK	45	44	51			52		54	47	54	52		45	40	56		52.7
	17	14	24			24		22	32	34	30		17	17	18		26.2
															36		
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	41	57	49	47	37	32	31	45	48	52	48	29	29	45	50		42.9
	18	16	31	29	28	23	26	17	29	27	28	19	14	12	28		24.6
SAVAGE RIVER DAM	33	38	46	49	43	35	37	34	46	47	47	49	30	34	38		42.6
													48				
	12	19	21	32	31	26	29	24	25	32	33	25	18	19	19		27.3
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	46	58	55	54	48	42	43	48	47	54	60	42	33	42	43		51.5
	19	22	28	44	33	23	33	20	31	34	42	30	17	22	25		31.4
WILMINGTON WSO ARPT	45	55	54	53	46	41	42	46	46	51	58	36	29	40	44		48.5
	21	23	29	35	28	27	27	28	32	38	35	24	18	21	27		31.6
WILMINGTON PORTER RSVR	45	57	55	53	44	41	42	47	45	52	57	36	29	42	45		48.6
	22	26	35	35	30	25	30	28	34	36	34	24	18	21	27		32.2
SOUTHERN 02																	
DOVER	46	55	54	55	55	45	42	45	47	57	60	45	34	40	45		51.3
	25	29	35	43	38	26	35	32	33	37	43	32	19	28	26		35.1
GEORGETOWN 5 SW	40	47	54	56	55	47	42	43	47	54	64	64	38	31	43		51.6
	23	21	21	36	37	25	31	24	28	29	37	32	20	20	26		32.0
GREENWOOD 2 NE	47	54	53	55	47	42	42	46	49	62	63	45	32	41	46		51.3
	23	23	27	43	36	24	30	30	28	34	44	31	19	20	23		32.7
LEWES	45	52	55	56	49	46	46	50	51	66	65	56	37	43	51		53.9
	35	32	34	45	42	33	38	33	36	36	53	33	24	26	27		38.3

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	16	14	12	11	17	7	0	46	25	16	21	24	17	3	3
	EVAP	12	6	9	6	10	5	1	5	9	11	9	2	8	7	0
	MAX	68	50	49	53	57	61	61	70	69	56	51	49	46	41	40
	MIN	47	43	35	35	35	39	48	55	47	39	38	35	35	34	32

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

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	2	1	1	1	10	17	2	22	12	13	10	86	79	29	23		540
	3	4	4	2	10	10	7	6	3	3	0	14	1	1	1		1.69
	45	46	50	49	58	50	42	44	49	46	55	62	44	41	44		51.5
	32	34	35	38	41	37	36	35	35	37	38	36	33	33	33		37.7

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
MARYLAND																
MARYLAND SOUTHERN EASTERN SHORE	01															
ASSATEAGUE IS NATL SEA																
SALISBURY																
SALISBURY FAA ARPT																
SNOW HILL 4 N																
CENTRAL EASTERN SHORE	02															
ROYAL OAK 2 SSW																
VIENNA																
LOWER SOUTHERN MECHANICSVILLE 5 NE	03															
UPPER SOUTHERN BALTIMORE WSO ARPT	04															
BELTSVILLE																
NATIONAL ARBORETUM DC																
UPPER MARLBORO 3 NNW																
NORTHERN EASTERN SHORE	05															
CHESTERTOWN																
MILLINGTON 1 SE																
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL	06															
CATOCTIN MOUNTAIN PARK																
CLARKSVILLE 3 NNE																
DAMASCUS 2 SSW																
EMMITSBURG 2 SE																
MILLERS 4 NE																
ROCKVILLE 1 NE																
WESTMINSTER POL BRKS																
WOODSTOCK																
APPALACHIAN MOUNTAIN CUMBERLAND 2	07															
FROSTBURG 2																
ALLEGHENY PLATEAU OAKLAND 1 SE	08															
SAVAGE RIVER DAM																
DELAWARE																
SOUTHERN GREENWOOD 2 NE	02															

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 SOUTHERN EASTERN SHORE 01 ASSATEAGUE IS NATL SEA																
SALISBURY																
SALISBURY FAA ARPT						T										
SNOW HILL 4 N						T										
CENTRAL EASTERN SHORE 02 ROYAL OAK 2 SSW												T	T			
VIENNA																
LOWER SOUTHERN MECHANICSVILLE 5 NE 03						T	T									
UPPER SOUTHERN BALTIMORE WSO ARPT 04 R												T	T			
BELTSVILLE																
NATIONAL ARBORETUM DC																
UPPER MARLBORO 3 NNW																
NORTHERN EASTERN SHORE 05 CHESTERTOWN													T	T	T	T
MILLINGTON 1 SE													T	T	T	T
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06															T	T
CATOCTIN MOUNTAIN PARK	-	-										.1	.1			
CLARKSVILLE 3 NNE																
DAMASCUS 2 SSW		T	T	T								T				
EMMITSBURG 2 SE													T	T	T	T
MILLERS 4 NE												T	.3	T		
ROCKVILLE 1 NE																
WESTMINSTER POL BRKS													T	T		
WOODSTOCK																
APPALACHIAN MOUNTAIN CUMBERLAND 2 07																
FROSTBURG 2	-					T	T		T			.5	T	T	T	T
ALLEGHENY PLATEAU 08 OAKLAND 1 SE	1	1				T	T		T			T	T	T	T	T
SAVAGE RIVER DAM	-	-	-	-		T			T			.8	T	T	T	T
DELAWARE SOUTHERN GREENWOOD 2 NE 02																

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	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	0465	04	ANNE ARUNDEL	39 11	76 40W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE CITY #	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	09		H	DELWOOD E 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	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
DELAWARE											
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	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.

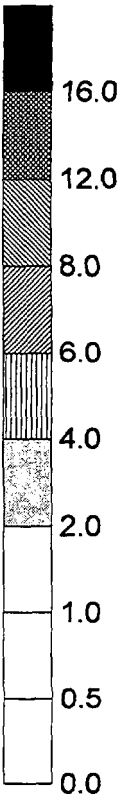
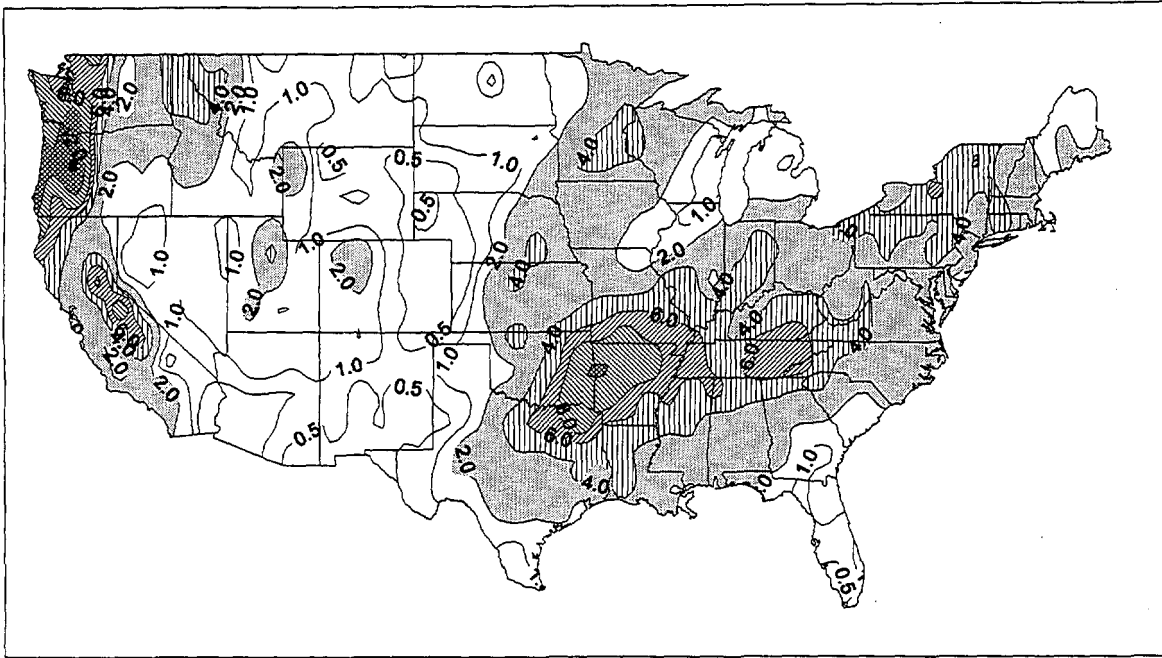
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this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

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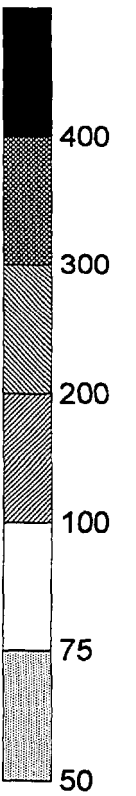
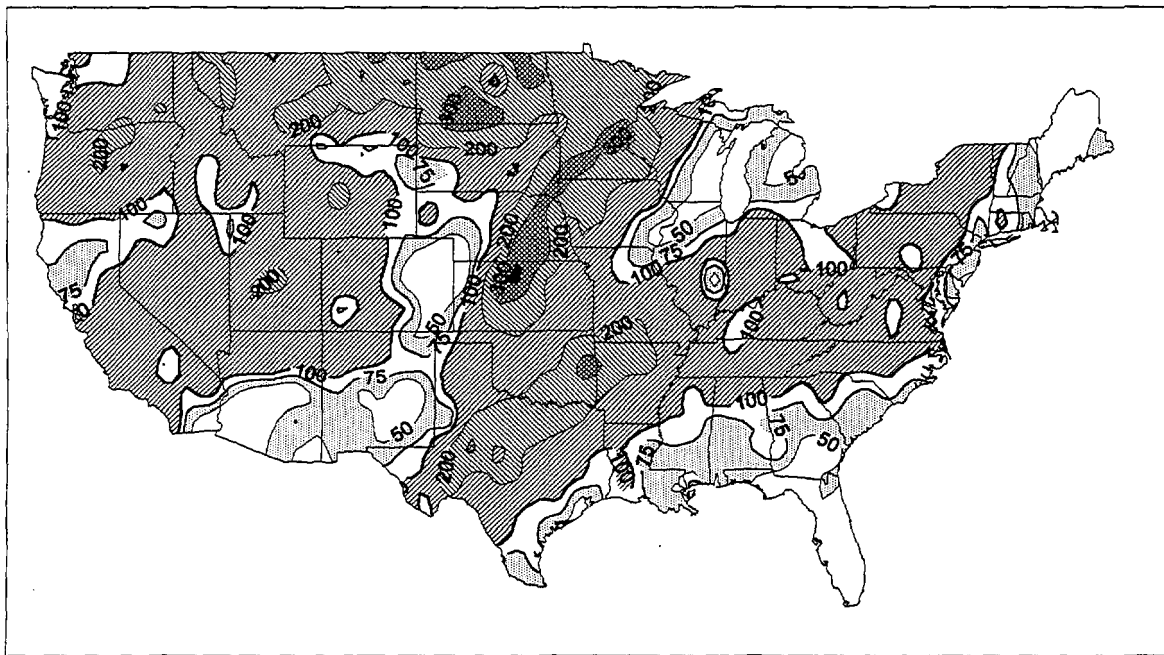
Total Precipitation (Inches)

November 1996



Percent of Normal Precipitation

November 1996

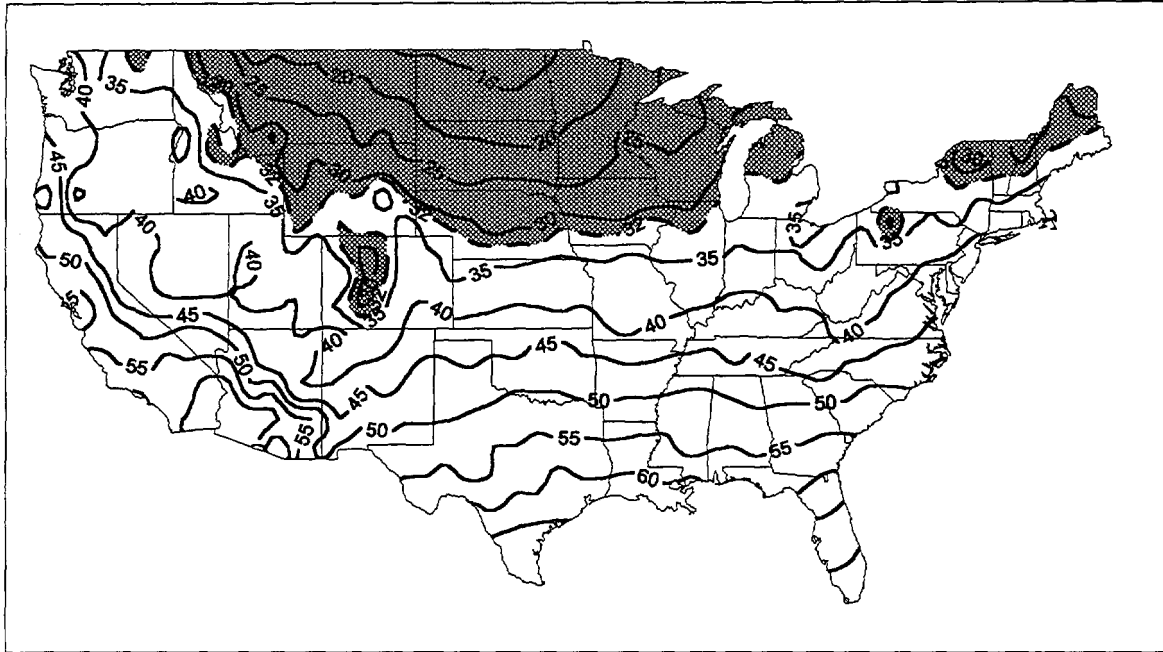


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

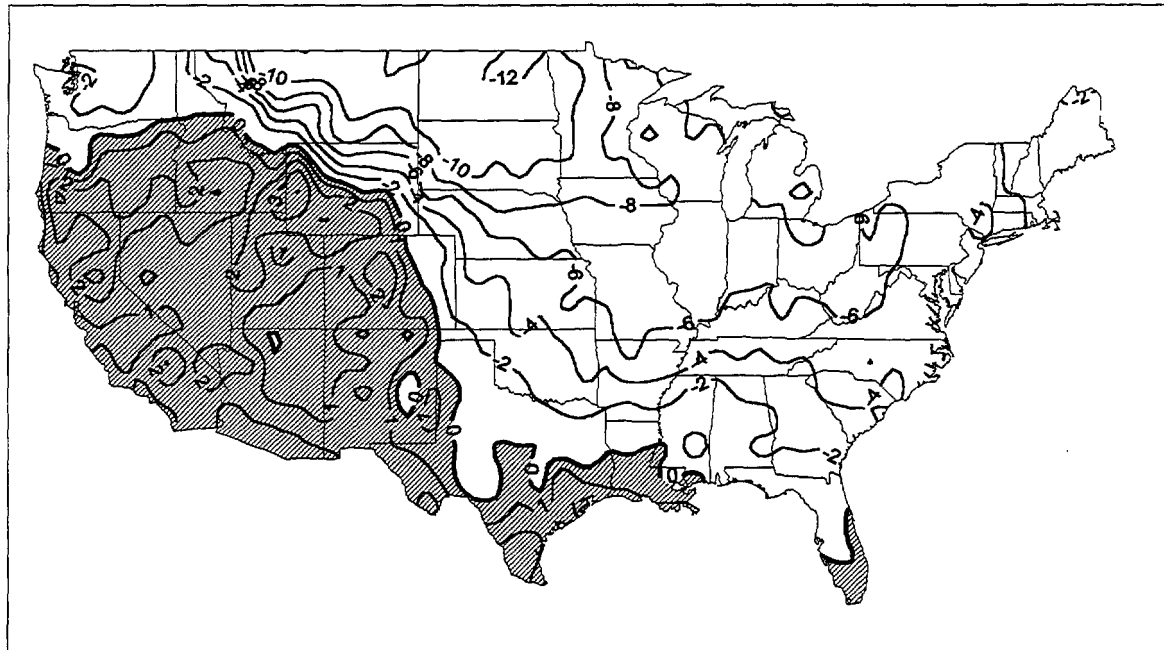
Average Temperature (Degrees F)

November 1996



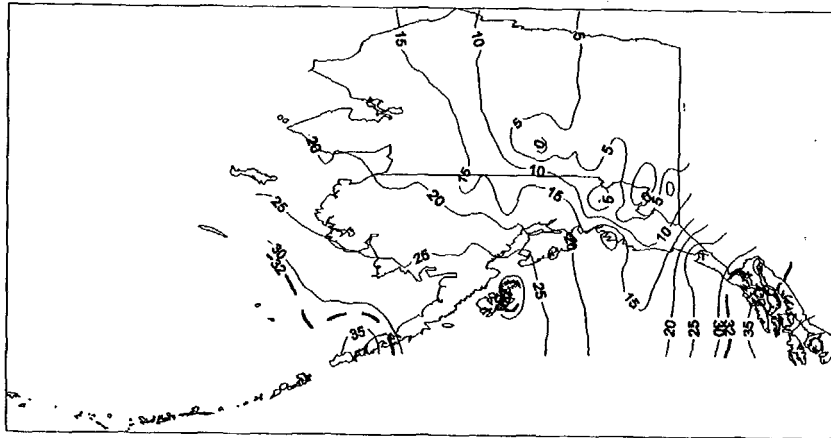
Departure of Average Temperature from Normal (Degrees F)

November 1996



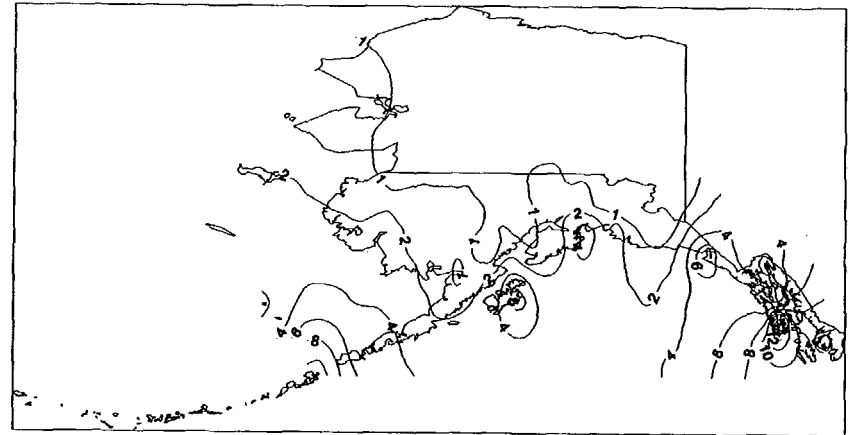
Alaska Average Temperature (Degrees F)

November 1996



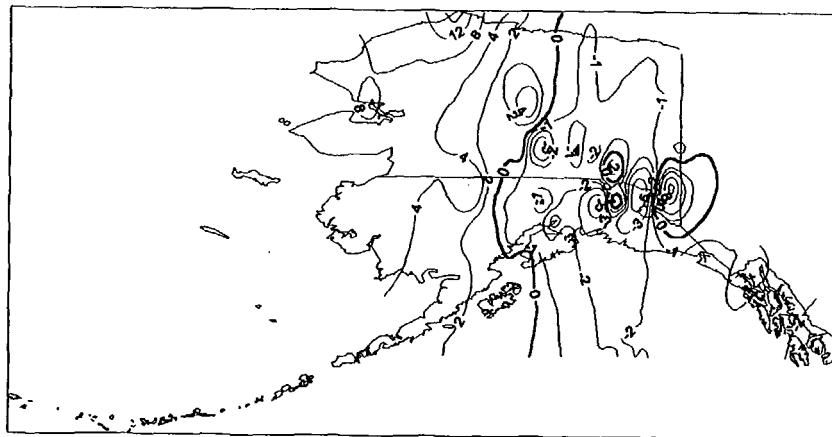
Alaska Precipitation (Inches)

November 1996



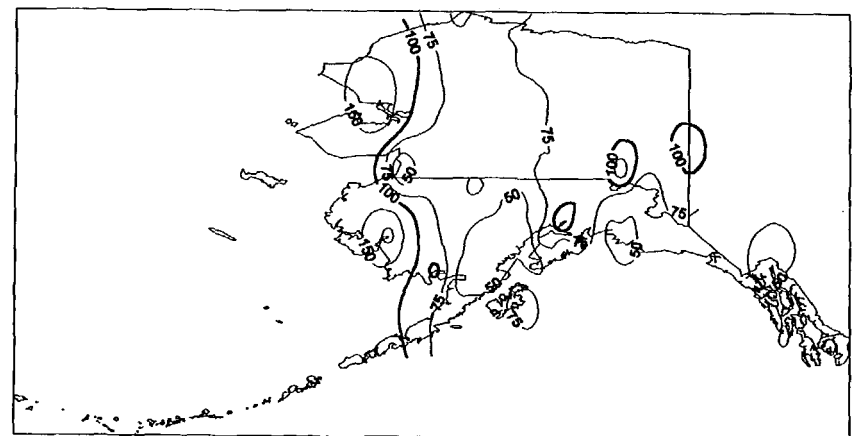
Departure of Average Temperature from Normal (Degrees F)

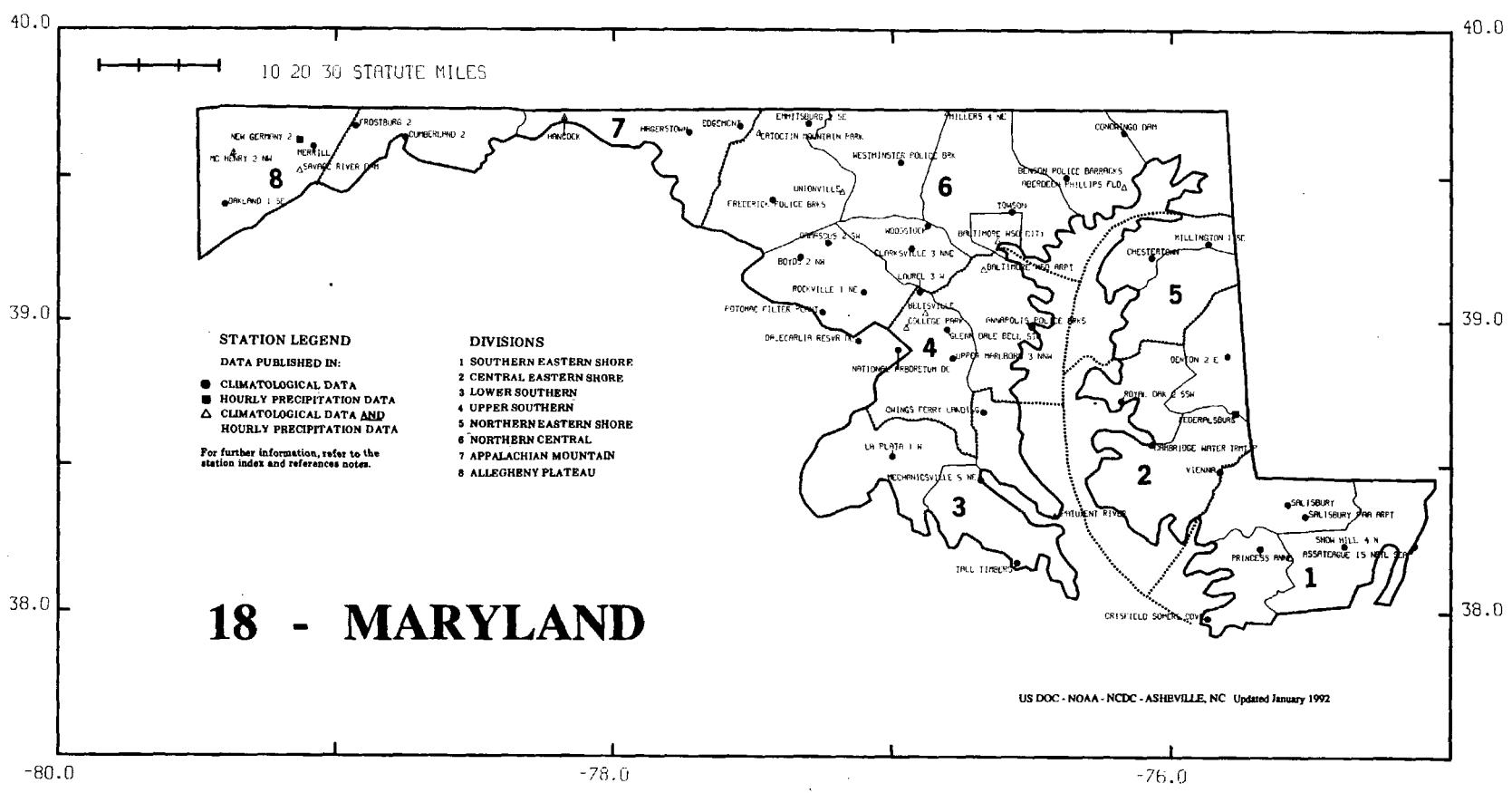
November 1996



Percent of Normal Precipitation

November 1996





40.0

40.0



10 20 30 STATUTE MILES

07 - DELAWARE

NEWARK UNIVERSITY FIRM

WILMINGTON WSO FIRM

WILMINGTON PORTER RSVR

1

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

DOVER

2

WILFORD 4 SE

GREENWOOD 2 NE

LEWES

GEORGETOWN 5 SW

39.0

39.0

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

38.0
-76.0

-75.5

-75.0

38.0

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