



CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

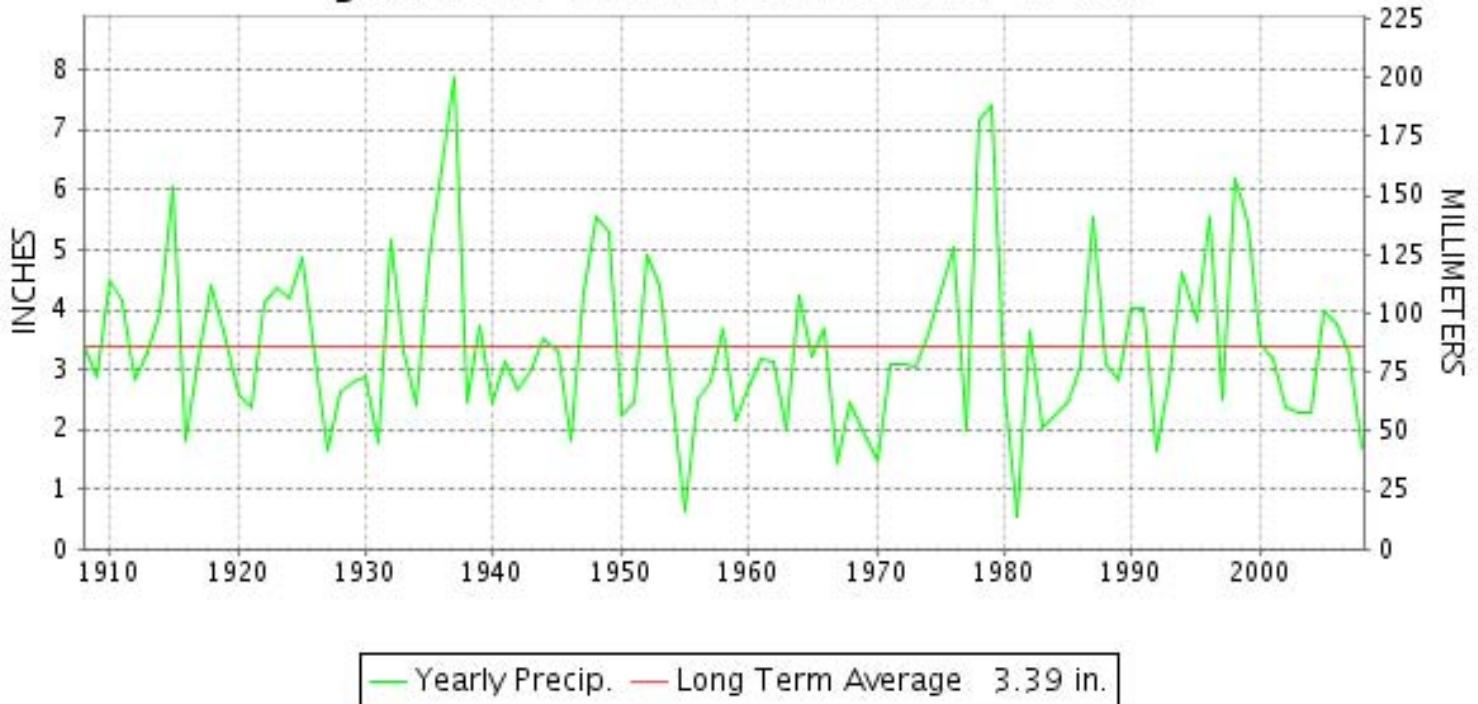


JANUARY 2008

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JANUARY PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	75	JANUARY 7	CUMBERLAND 2
LOWEST TEMPERATURE	0	JANUARY 4	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	2.62		SAVAGE RIVER DAM
LEAST TOTAL PRECIPITATION	.94		CATOCTIN MTN PARK
GREATEST 1 DAY PRECIPITATION	1.03	JANUARY 11	SAVAGE RIVER DAM
GREATEST TOTAL SNOWFALL	10.1		FROSTBURG 2
GREATEST DEPTH OF SNOW OR ICE	5	JANUARY 17	MILLERS 4 NE

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DELAWARE

HIGHEST TEMPERATURE	70	JANUARY 9	LEWES
LOWEST TEMPERATURE	11	JANUARY 22	GREENWOOD 2NE
GREATEST TOTAL PRECIPITATION	2.32		DOVER
LEAST TOTAL PRECIPITATION	1.57		WILMINGTON NEW CASTLE R
GREATEST 1 DAY PRECIPITATION	.78	JANUARY 18	DOVER
GREATEST TOTAL SNOWFALL	2.8		2 STATIONS
GREATEST DEPTH OF SNOW OR ICE	1	JANUARY 25+	4 STATIONS

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEG. DAYS	COOLING DEG. DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST 24 HOURS	DATE	ICE PELLETS, SNOW			NO. OF DAYS		
											MAX		MIN						TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											>=90	<=32	<=32	<=0										
FREDERICK 2 NNE	43.3	25.4	34.4		71	8	11	21	944	0	0	4	25	0	1.41		.56	18	2.0	2	18	5	1	0
MILLERS 4 NE	41.0	25.7	33.4	3.0	69	7	6	21	973	0	0	6	24	0	1.48	-2.16	.44	17	4.8	5	17	5	0	0
SMITHSBURG 2NW	41.5	24.1	32.8		68	8	9	21	990	0	0	5	26	0	1.70		.55	30	M .0	2	18	6	1	0
--DIVISIONAL DATA-----> APPALACHIAN MOUNTAIN 07			34.0	2.8											1.43	-2.17			2.7					
CUMBERLAND 2	44.0	25.3	34.7	4.4	75	7	11	21+	935	0	0	4	26	0	1.98	-.91	.90	11	3.2	3	18	5	1	0
FROSTBURG 2	34.8	20.2	27.5	3.0	66	9	2	22+	1157	0	0	14	28	0	2.29	-1.28	.84	11	10.1	4	21	4	1	0
SHARPSBURG 5 S	43.9	23.0	33.5		72	8	6	22+	970	0	0	3	27	0	1.33		.53	18	3.4	2	18	4	1	0
WILLIAMSPORT	43.7	23.9	33.8		72	8	9	21	963	0	0	2	28	0	1.96		.90	30	3.0	3	18	4	1	0
--DIVISIONAL DATA-----> ALLEGHENY PLATEAU 08			32.4	3.4											1.89	-1.21			4.9					
OAKLAND 1 SE	35.1	17.3	26.2	-.6	66	9	0	4	1194	0	0	14	27	1					M	M				
SAVAGE RIVER DAM	36.2	20.6	28.4	2.2	66	9	5	22+	1127	0	0	12	27	0	2.62	-.27	1.03	11	M	4	18	5	2	1
--DIVISIONAL DATA-----> DELAWARE NORTHERN 01			27.3	1.5											2.62	-.93								
BEAR 2 SW	43.1	25.4	34.3		66	8	12	4	945	0	0	2	24	0	1.61		.64	17	2.8	1	17	4	1	0
NEWARK UNIV FARM	M	M	M																M	M				
WILMINGTON NEW CASTLE R	43.6	27.7	35.7	4.2	66	9+	15	21	901	0	0	2	22	0	1.57	-1.86	.61	17	2.8	1	18	3	1	0
WILMINGTON PORTER RSVR	41.2	27.9	34.6	4.5	63	9+	12	21	934	0	0	3	22	0	1.83	-1.64	.55	17	.1	T		7	1	0
--DIVISIONAL DATA-----> SOUTHERN 02			34.9	3.2											1.67	-2.03			1.9					
DOVER	46.5	29.6	38.1	2.8	69	8+	12	21	830	0	0	4	19	0	2.32	-1.62	.78	18	1.0	1	17	4	2	0
GREENWOOD 2NE	45.6	26.5	36.1	3.0	69	8	11	22+	888	0	0	4	27	0	1.77	-2.15	.75	18	1.0	1	25	6	1	0
LEWES	47.8	32.2	40.0	3.6	70	9+	15	21	767	0	0	2	16	0	1.58	-2.43	.51	11	.2	0		4	1	0
--DIVISIONAL DATA----->			38.1	3.5											1.89	-2.10			.7					

MARYLAND AND DELAWARE
JANUARY 2008

DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH																															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE	1.49				.01						.06		.10	.10			.97	.03		.01		.11	.08			.02							
PRINCESS ANNE	1.29		.01			*	*	.02			.18	.02	*	*	.01		.71	.05	*	.17										.05	.07		
SALISBURY	1.60											.52		.15		.01	.30	.40		.03			.13						.01	.05			
SALISBURY FAA AP	1.48		T						T		.14	.01		.20	.04	T		.71	.08	.03	.02		.11	.04	.08			T	.02				
SNOW HILL 4 N	1.65							.01				.10		T	.24	T		.35	.67	T	.08		.05	.08	.02	.03			T	.02			
CENTRAL EASTERN SHORE 02																																	
ROYAL OAK 2 SSW	2.11		T				.03				T	.72		.28	T		.42	.42				T	.06	.08					.07	.03			
VIENNA	M 1.60										.46	.02		.30			.28	.38		T			.06	-						.10			
LOWER SOUTHERN 03																																	
MECHANICSVILLE 5 NE	1.27			T			.01	T				.28	T	.11	T	.01		.74		.01			.01						.01	.09			
SOLOMONS	M 1.44	-	T			-					T	.41	-	T	.12	T	T	.68	*	.05	-		.04		.03				.03	.08			
UPPER SOUTHERN 04																																	
BALTIMORE WASH INTL AP R	1.47			T		.01	.20			.01	.11	.14		.06	.02	T		.77				.02		T					.05	.08			
BELTSVILLE	1.21						.12					.11	.10						.78				.01						.02	.07			
DALECARLIA RESERVOIR	1.55					.30	.01					.15	.08		.05			.50	.01										.40	.05			
LAUREL 3 W	1.44					.03						.45	.02		.06		.78												.10				
MD SCI CTR BALTIMORE R	1.44				.01	.18					.08	.11		.07			.77												.12	.10			
NATL ARBORETUM DC	1.47		T			.20					.23	.10		.03		T		.84										.03	.04		T		
OXON HILL	1.77					.20	.02				T	.27	.26		.04	T	.01		.84		T		.01					T	.12				
UPPER MARLBORO 3 NNW	1.40					.09					T	.26	.06		.09		T		.83				.01							.06			
NORTHERN EASTERN SHORE 05																																	
CHESTERTOWN	2.14					.12			T		.17	.64		.18	.08	T		.62	.16				.10		T	T			.01	.06			
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	1.29							.07		T		.32		.15			.31	.40				T	T						.01	.03			
CATOCTIN MTN PARK	.94					.03			.01		.16		.05			.34	.10												.25				
CONOWINGO DAM	1.75					.12	.03				.08	.11	.17		.15	.05		.80												.24			
CYLBURN	M 1.47						.15			T	T	.12	.09		.09	.02		.82												.18			
EMMITSBURG 2 SE	M .68					.13					.25						-													.30			
FREDERICK 2 NNE	1.41					.05	.01				.10	.20	.15			.01		.56											.01	.32			
MILLERS 4 NE	1.48	T	T			T	.05			.10	T	.31		.01	.06	T		.44	.18			T						.08	.25				
POTOMAC FLTR PLT	1.67				.10	.22					.14	.16		.02	.02		.72	.10											.15	.04			
SMITHSBURG 2NW	1.70					.10				.18	.03	.17	.03		.18	.06		.40												.55			
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	1.98	.01	T			.02				.10		.90	.12		.05		.01	.40									T			T	.02	.35	

MARYLAND AND DELAWARE
JANUARY 2008

DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH																														
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FROSTBURG 2	2.29	.04	.06	T			.16	.01		.05		.84	.06		.07	.06	.04		.43		T			T		T		T		.01	.02	.44
SHARPSBURG 5 S	1.33						.04			.13	T	.20	.06		.04		T		.53						T					.03	.30	
WILLIAMSPORT	1.96		.01				.03					.43	.23		.01				.33											.02	.90	
ALLEGHENY PLATEAU 08																																
OAKLAND 1 SE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAVAGE RIVER DAM	2.62	.09	.03	T			.18	.02		.02		1.03	.15		.08	.03	.03		.44					T		T		T		T		.52
DELAWARE																																
NORTHERN 01																																
BEAR 2 SW	1.61	T	T			.01	.07			T	.12	.27		.24	.05	.02		.64	.03	T	T		.06		T				.02	.08		
NEWARK UNIV FARM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILMINGTON NEW CASTLE R	1.57	T	T			.01	.03			T	.08	.44		.18	.03	.02		.61	.03				.04						.02	.08		
WILMINGTON PORTER RSVR	1.83					.02	T		.21		.18	.27		.19	.04	T		.55	.21										.05	.11		
SOUTHERN 02																																
DOVER	2.32					.02				.01		.72			.35	T		.25	.78				.02	.07	.02	T			.02	.06		
GREENWOOD 2NE	1.77					T					T	.34	.14		.23	.02	.04		.75		T		.12	.02	.10				.03	.03		
LEWES	1.58		.02					.01		.01		.51		.02	.24	.02		.46	.14				.06	.02				.05		.02	.02	

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE	
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND SOUTHERN EASTERN SHORE 01																																			
ASSATEAGUE M	MID	MAX	59	45	33	43	48	58	61	58	69	54	58	56	51	48	41	46	44	53	43	33	36	49	50	48	36	45	46	47	48	55	45	48.6	
		MIN	40	32	23	14	31	41	38	44	47	35	45	44	40	37	32	32	30	35	32	23	19	15	32	27	24	23	32	30	26	36	31	31.9	
PRINCESS ANNE	17	MAX	56	54	44	40			66	67	70	69	67			44	42	40	47	49					47	31			42	53	57	46	M		
		MIN	29	21	9	9			35	51	43	25	45			32	24	25	24	31					20	18			25	19	23	18	M		
SALISBURY	17	MAX	55	47	33	39	46	59	68	68	70	63	67	65	50	45	39	42	40	49	46	33	30	43	46	42	33	42	42	43	53	55	47	48.4	
		MIN	37	29	21	17	26	38	41	41	58	35	43	44	35	39	29	29	30	38	33	24	16	21	34	28	21	24	32	28	28	47	27	32.0	
		OBS																							26										
SALISBURY FAA AP M	MID	MAX	54	36	30	39	46	59	67	67	70	53	67	52	50	44	39	41	47	47	38	32	29	43	45	39	32	41	41	42	54	55	44	46.5	
		MIN	27	25	11	8	17	34	36	51	40	25	46	29	25	30	21	23	26	30	31	18	6	12	21	16	14	14	26	22	19	20	18	23.9	
SNOW HILL 4 N	17	MAX	57	49	35	42	49	59	68	70	71	61	67	62	51	47	40	43	39	51	46	37	32	45	47	42	34	41	43	44	52	56	47	49.3	
		MIN	30	29	19	12	23	36	36	46	54	28	45	45	30	40	23	24	27	37	32	24	8	14	34	24	18	18	30	23	24	43	18	28.8	
CENTRAL EASTERN SHORE 02																																			
ROYAL OAK 2 SSW	18	MAX	53	47	33	41	43	58	70	68	66	58	63	59	50	47	41	42	37	48	45	38	31	40	45	42	37	40	41	43	51	52	45	47.5	
		MIN	33	28	22	16	25	34	41	50	54	34	40	40	32	39	30	31	27	35	32	22	18	20	30	25	22	21	31	26	27	43	24	30.7	
VIENNA	18	MAX	56	55	38	44	45	46	63	64	70	65	63	63	50		45	43	42	48	46	38	48	47	47	46	34	42	43	42	46	55	48	49.4	
		MIN	36	29	26	15	29	34	36	46	51	34	40	39	31		22	27	27	34	30	27	12	21	20	25	18	21	30	31	36	27	24	29.3	
LOWER SOUTHERN 03																																			
MECHANICSVILLE 5 NE	07	MAX	50	53	35	30	39	45	58	71	72	69	59	62	51	45	43	38	41	35	51	38	28	30	41	46	46	33	37	42	43	55	52	46.4	
		MIN	34	27	19	13	13	24	45	50	52	31	31	34	26	26	23	23	26	29	32	21	8	8	18	28	19	19	24	23	26	26	22	25.8	
SOLOMONS	08	MAX		55	37	32		50	59	72	72	70	61		66	47	48	40	45	42		43		34	45	46	37	40	39	42	44	57	54	49.1	
		MIN		29		20		26	42	47	51	35			37	38	29			32				29	33	22	26	32	28	29		29		M	
UPPER SOUTHERN 04																																			
BALTIMORE WASH INTL APM	MID	MAX	51	35	31	40	43	56	70	70	64	49	57	51	46	44	38	42	35	48	39	34	28	39	43	39	33	34	42	43	44	50	42	44.5	
		MIN	34	22	18	15	19	35	42	39	39	31	40	33	27	30	27	28	29	30	30	13	8	15	23	20	18	20	27	24	27	30	22	26.3	
BELTSVILLE	08	MAX	50	52	34	30	39	44	55	70	71	65	50	58	50	46	44	36	41	35	48	39	23	28	40	43	39	33	36	41	43	52	49	44.6	
		MIN	31	26	20	15	15	21	36	41	41	33	33	34	29	34	27	28	28	32	30	19	10	15	27	21	20	20	25	25	27	33	21	26.4	
DALECARLIA RESERVOIR	08	MAX	52	53	36	33	41	46	56	73	65	64	52	58	48	48	46	39	43	39	49	39	29	31	42	45	41	35	40	43	45	56	50	46.4	
		OBS												45																					
		MIN	31	26	19	11	11	18	33	41	45	30	33	35	27	25	25	25	29	29	31	19	12	12	27	22	12	20	19	27	26	34	23	25.1	
LAUREL 3 W M	MID	OBS							12		41		40																						
		MAX	50	34	30	38	42	53	69	70	63	49	56	53	46	41	35	40	43	47	37	34	28	38	42	38	32	36	40	42	45	49	45	44.0	
		MIN	34	23	17	18	25	35	45	50	48	37	39	35	32	33	26	28	31	30	31	15	12	21	29	25	17	23	28	28	32	34	23	29.2	
MD SCI CTR BALTIMORE M	MID	MAX	52	36	31	42	42	51	69	71	65	50	57	51	47	44	39	41	37	49	41	36	29	41	43	39	33	34	41	44	43	51	42	44.9	
		MIN	36	24	21	22	28	37	45	43	48	41	41	43	38	34	30	31	33	34	35	17	16	24	32	28	22	27	32	31	33	34	30	31.9	

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE	
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NATL ARBORETUM DC	07	MAX	49	52	35	31	39	42	54	70	71	66	51	57	51	47	44	36	41	36	48	39	24	29	40	44	40	34	37	42	45	56	50	45.2	
		MIN	32	26	21	17	18	24	39	50	53	34	35	35	29	29	27	30	30	31	32	20	16	20	28	25	20	21	21	29	29	29	26	28.3	
OXON HILL	08	MAX	51	53	36	32	41	43	57	73	72	67	52	61	52	48	46	40	42	36	47	41	25	31	41	46	41	35	38	43	45	56	52	46.5	
		MIN	33	28	21	17	19	27	38	52	54	38	38	43	36	36	28	28	31	32	33	21	17	17	26	29	21	21	27	31	31	38	27	30.3	
UPPER MARLBORO 3 NNW	08	MAX	50	53	35	31	42	45	51	73	72	67	50	59	53	47	45	36	42	35	48	38	25	31	40	46	39	34	38	42	45	55	52	45.8	
		OBS							60																										
		MIN	31	27	19	13	13	20	36	51	51	32	31	38	27	27	25	24	28	30	30	21	11	15	23	24	19	19	22	25	25	32	23	26.2	
NORTHERN EASTERN SHORE 05																																			
CHESTERTOWN	23	MAX	52	36	31	37	40	50	69	66	65	57	54	48	46	40	36	40	38	48	39	34	27	38	42	34	31	34	39	42	45	50	38	43.4	
		MIN	34	25	20	17	22	35	43	42	47	34	40	34	30	35	29	27	28	32	31	16	16	21	24	24	21	20	29	25	25	33	24	28.5	
		OBS	***																				***												
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	16	MAX	51	43	34	40	39	49	67	67	66	60	55	55	45	45	42	43	43	50	49	37	29	37	43	42	37	34	41	45	45	49	44	46.0	
		MIN	35	22	18	14	20	34	40	39	53	32	41	33	31	32	27	31	30	33	28	13	11	18	34	21	21	19	29	22	31	41	23	28.3	
CATOCTIN MTN PARK	17	MAX	40	35	30	33	49	59	67	66	60	45	52	53	44	38	32	36	31	41	35	31	24	31	37	32	26	29	34	38	41	44	38	40.4	
		MIN	35	26	11	14	28	33	46	45	45	34	34	33	29	31	23	23	26	27	25	8	6	16	22	20	10	19	22	26	29	24	19	25.5	
		OBS		15																															
CONOWINGO DAM	07	MAX	50	52	38	32	42	42	50	55	63	65	50	54	52	48	47	38	47	37	50	40	26	31	38	42	39	36	35	40	44	47	47	44.4	
		OBS															47		48																
		MIN	33	22	14	10	15	20	36	38	38	25	31	32	22	35	25	28	23	28	24	20	10	13	19	15	17	19	21	21	22	30	20	23.4	
CYLBURN	08	MAX	47	49	33	30	41	42	52	71	68	63	50	55	48	45	42	36	40	34	44	37	23	26	37	40	38	30	32	38	42	48	47	42.8	
		OBS																					33												
		MIN	33	26	17	16	18	24	34	45	46	34	34	35	27	35	26	26	28	30	29	13	11	20	21	20	18	18	22	26	29	33	23	26.4	
		OBS							44																										
EMMITSBURG 2 SE	07	MAX	47	47	32	30	37	44	55	69	66	61	47	53	45	46	40	35	39	32	43	36	19	27	39	37	35	31	32	39	41	46	43	41.7	
		MIN	26	25	16	14	17	21	36	44	42	31	30	37	23	25	27	27	26	27	26	16	7	9	20	15	16	19	23	24	26	31	21	24.1	
FREDERICK 2 NNE	07	MAX	50	48	34	30	39	45	58	71	68	61	49	54	46	47	41	36	39	33	46	38	21	28	40	40	31	33	35	41	44	48	47	43.3	
		MIN	27	26	17	16	17	22	36	39	38	33	32	38	25	26	28	28	28	29	30	17	11	13	24	17	17	18	25	28	28	33	21	25.4	
MILLERS 4 NE	18	MAX	46	34	26	37	45	58	69	65	62	48	54	48	46	39	34	37	30	42	34	31	23	36	37	34	29	30	37	40	37	46	37	41.0	
		MIN	31	23	14	13	21	33	44	45	48	31	36	35	27	33	25	26	25	29	28	13	6	16	25	15	15	17	23	24	24	32	20	25.7	
SMITHSBURG 2NW	08	MAX	44	45	31	31	38	49	58	68	67	59	48	53	43	45	39	34	38	35	42	35	18	26	39	35	34	30	34	41	40	47	42	41.5	
		MIN	32	25	15	11	11	23	37	44	40	29	29	33	25	29	26	26	27	30	25	15	9	11	24	15	13	14	23	25	27	34	19	24.1	
		OBS							55	56																									
APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND 2	18	MAX	41	35	30	44	41	51	75	73	65	49	58	50	46	40	34	42	35	44	37	34	32	43	43	39	32	37	50	46	46	40	44.0		
		MIN	22	17	12	12	29	37	42	42	43	32	37	28	28	28	27	28	31	24	22	11	11	17	19	14	15	24	27	29	32	22	22	25.3	
		OBS									32											11													
FROSTBURG 2	07	MAX	41	33	21	18	34	44	54	65	66	47	40	48	41	36	29	22	31	35	35	30	9	23	37	26	28	20	25	29	41	42	28	34.8	
		MIN	28	13	9	9	15	32	43	43	45	28	28	30	27	28	19	18	19	24	19	2	2	2	16	11	5	6	19	22	21	26	16	20.2	

MARYLAND AND DELAWARE
JANUARY 2008

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE	
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
SHARPSBURG 5 S	07	MAX	50	48	33	30	41	51	64	72	69	61	48	56	47	45	41	35	40	34	46	38	21	29	40	40	38	33	34	39	45	48	46	43.9	
		MIN	29	25	12	11	11	21	37	43	42	29	28	33	23	23	23	23	22	31	25	16	6	6	24	17	13	15	22	26	26	32	18	23.0	
WILLIAMSPORT	06	MAX	51	47	35	35	39	49	57	72	71	63	48	56	46	43	41	36	40	35	46	38	22	30	41	40	38	33	33	39	46	39	47	43.7	
		MIN	28	26	19	13	10	23	35	37	35	31	30	30	26	25	27	27	28	31	28	18	9	10	17	18	17	13	23	27	26	31	23	23.9	
ALLEGHENY PLATEAU 08																																			
OAKLAND 1 SE	07	MAX	45	32	17	15	36	45	55	64	66	46	52	45	40	37	28	20	36	37	33	29	9	23	37	26	26	22	22	28	43	46	27	35.1	
		OBS	32	17	15	36	45	55	64	66	46	52	45	40	37	28	20	36	37	33	29	9	23	37	26	26	22	22	28	43	46	27	35		
		MIN	24	11	9	0	3	34	45	33	35	26	27	29	27	26	19	16	19	25	20	1	1	3	14	3	4	4	15	16	14	21	12	17.3	
		OBS	11	9	0	3	34	45	33	35	26	27	29	27	26	19	16	19	25	20	1	1	3	14	3	4	4	5	16	14	21	12	13		
SAVAGE RIVER DAM	08	MAX	40	37	24	20	36	40	49	64	66	50	41	49	41	38	32	25	32	36	37	33	12	24	39	29	30	23	27	33	41	45	28	36.2	
		MIN	27	17	15	8	8	26	36	38	36	29	29	33	27	28	24	20	21	25	19	8	5	5	12	12	11	10	19	24	23	26	17	20.6	
DELAWARE NORTHERN 01																																			
BEAR 2 SW M	MID	MAX	51	36	28	39	42	52	65	66	65	51	53	48	47	40	36	39	36	47	38	34	28	37	41	36	34	34	40	42	41	49	41	43.1	
		MIN	33	21	14	12	17	34	38	38	38	29	40	32	25	33	29	25	26	28	29	15	14	18	22	18	19	19	28	21	23	31	18	25.4	
NEWARK UNIV FARM	17	MAX																																M	
		MIN																																	M
WILMINGTON NEW CASTLE M	MID	MAX	52	37	28	39	41	50	66	66	66	50	55	50	48	40	37	40	36	47	38	35	28	38	43	37	34	33	41	44	41	50	42	43.6	
		MIN	32	21	18	16	22	35	40	39	42	33	41	34	30	33	28	28	29	33	31	16	15	22	27	24	19	20	27	24	27	31	23	27.7	
WILMINGTON PORTER RSVRM	MID	MAX	52	34	25	37	40	48	63	63	63	48	52	46	45	38	35	37	35	45	37	33	25	36	39	34	33	32	37	41	41	47	37	41.2	
		MIN	32	19	16	17	25	35	40	45	36	36	38	37	38	31	26	29	28	33	29	14	12	20	26	24	25	19	28	25	28	30	25	27.9	
SOUTHERN 02																																			
DOVER	16	MAX	53	50	32	41	42	56	69	69	66	66	64	56	50	44	38	39	39	49	48	38	28	40	42	42	30	32	40	42	46	46	44	46.5	
		MIN	34	28	18	14	28	36	39	50	53	36	40	38	34	34	28	28	26	35	32	22	12	18	29	25	19	21	28	25	24	42	22	29.6	
		OBS									42																								
GREENWOOD 2NE	07	MAX	49	55	36	28	40	43	59	69	67	66	62	65	50	47	41	38	40	43	49	39	24	28	41	43	33	31	39	40	42	52	54	45.6	
		MIN	30	29	19	13	14	25	38	49	50	31	31	39	31	32	28	27	27	31	31	24	11	11	21	24	16	16	22	26	24	31	20	26.5	
LEWES	17	MAX	56	46	31	41	46	62	70	70	70	59	66	53	48	46	39	40	42	50	46	37	29	46	43	40	33	38	39	42	54	55	44	47.8	
		OBS		36																															
		MIN	33	30	20	17	26	38	41	53	59	35	41	44	40	39	29	29	31	38	35	22	15	19	35	27	20	20	33	28	27	44	29	32.2	

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION	DAY OF MONTH																														
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND SOUTHERN EASTERN SHORE 01																															
SALISBURY SNOWFALL																								.5							
SALISBURY FAA AP SN ON GND		T													T	T			.3	.2				.8							
SNOW HILL 4 N SNOWFALL															T				T	T				.3	1						
SNOW HILL 4 N SN ON GND															T				T	1.0				.3	.2						
CENTRAL EASTERN SHORE 02																															
ROYAL OAK 2 SSW SNOWFALL															T		.5							1.0							
ROYAL OAK 2 SSW SN ON GND															T									1	T						
VIENNA SNOWFALL														-							T			-							
VIENNA SN ON GND														-							-			-							
LOWER SOUTHERN 03																															
MECHANICSVILLE 5 NE SNOWFALL				T												.2		1.0		.2											
MECHANICSVILLE 5 NE SN ON GND				T													T		T												
SOLOMONS SNOWFALL	-	T				-													*	.5					.5						
SOLOMONS SN ON GND	-	T				-										T			-	T					T						
UPPER SOUTHERN 04																															
BALTIMORE WASH INTL AP R SNOWFALL				T											T		2.4							T							
BALTIMORE WASH INTL AP R SN ON GND				T											T		2														
WTR EQUIV BELTSVILLE																				2.0											
BELTSVILLE SN ON GND																			2	2	1	1									
DALECARLIA RESERVOIR SNOWFALL																			3.0												
DALECARLIA RESERVOIR SN ON GND																			2												
NATL ARBORETUM DC SNOWFALL				T												T		.8													
NATL ARBORETUM DC SN ON GND				T												T		1		T											
OXON HILL SNOWFALL																.1		2.2			T										
OXON HILL SN ON GND																	1														
UPPER MARLBORO 3 NNW SNOWFALL																		2.2													
UPPER MARLBORO 3 NNW SN ON GND																		1		-	-	-	-	-							
NORTHERN EASTERN SHORE 05																															
CHESTERTOWN SNOWFALL															T		2.5							T	T						
CHESTERTOWN SN ON GND															T		T							T	T						
NORTHERN CENTRAL 06																															
ABERDEEN PHILLIPS FLD SNOWFALL																	2.0	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)

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION		DAY OF MONTH																															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CATOCTIN MTN PARK	SN ON GND																	2															
	SNOWFALL																	4.0															
CONOWINGO DAM	SN ON GND																	4	1	1	1	1	1	-	-	-	-	-	-	-	-		
	SNOWFALL																		1.0														
SN ON GND CYLBURN	SNOWFALL																																
	SN ON GND																		3	1	-	-											
EMMITSBURG 2 SE	SNOWFALL																		2.5														
	SN ON GND																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FREDERICK 2 NNE	SNOWFALL																		2.0														
	SN ON GND																		2	1	1	1	1	1	1	1	-	-	-	-	-	-	
MILLERS 4 NE	SNOWFALL																		4.8	T													
	SN ON GND																		5	1	1	1	1	T	T	T	T	T	T				
SMITHSBURG 2NW	SNOWFALL																																
	SN ON GND																																
APPALACHIAN MOUNTAIN 07 CUMBERLAND 2	SNOWFALL																																
	SN ON GND																		.2														
FROSTBURG 2	SNOWFALL	T	1.4	.3															3	1	1	1	1	-	-								
	SN ON GND	T	1	2	1	T													2	2	3	2	4	4	4	4	3	3	2	2	2	2	2
SHARPSBURG 5 S	SNOWFALL																																
	SN ON GND																		.1														
WILLIAMSPORT	SNOWFALL																																
	SN ON GND																																
ALLEGHENY PLATEAU 08 SAVAGE RIVER DAM	SNOWFALL																																
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2
DELAWARE NORTHERN 01 BEAR 2 SW	SNOWFALL																																
	SN ON GND																																
WILMINGTON NEW CASTLE R	SNOWFALL																																
	SN ON GND																																
WTR EQUIV WILMINGTON PORTER RSVR	SNOWFALL																																
	SN ON GND																																
SOUTHERN 02 DOVER	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																															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GREENWOOD 2NE	SNOWFALL																T		T		T												
	SN ON GND																T																
LEWES	SNOWFALL																																
SN ON GND																										.2	1.0	-					

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 FLD	0015	06	HARFORD	39 28	76 10W	57	16	16			C H US ARMY ABERDEEN TEST CT
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	MID	MID			H ASSATEAGUE IS NATL SEA
BALTIMORE WASH INTL AP R	0465	04	ANNE ARUNDEL	39 10	76 41W	156	MID	MID			C HJ ASOS - FAA
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 56W	145	08	08	08		C H USDA AGRICULT RES SVC
CATOCTIN MTN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17			H CATOCTIN MOUNTAIN PK
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	23	23			H THOMAS W ELIASON JR
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	07	07			H SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	18	18			H TIMOTHY B THOMAS
CYLBURN	2308	06	BALTIMORE	39 22	76 38W	400	08	08			H CYLBURN ARBORETUM
DALECARLIA RESERVOIR	2325	04	PRINCE GEORG	38 56	77 7W	150	08	08			H USA CORPS OF ENGINEERS
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	22	22			H INACTIVE 07/31/2007
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 17W	403	07	07			H ERIC E GLASS
FREDERICK 2 NNE	3353	06	FREDERICK	39 26	77 24W	280	07	07			H DIR PUBLIC WORK WTP
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 5W	2170	07	07			H GREGORY P LATTA
LAUREL 3 W	5111	04	PRINCE GEORG	39 5	76 54W	400	MID	MID			H WA SUBURBAN SANITARY COM
MD SCI CTR BALTIMORE R	5718	04	BALTIMORE (C	39 17	76 37W	20	MID	MID			C H ASOS - NWS
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 28	76 42W	100	07	07			H SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18			C H ROBERT MILLER
NATL ARBORETUM DC	6350	04	PRINCE GEORG	38 55	76 58W	50	07	07			H US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 25	79 24W	2420	07	07			H GARRETT CO MEM HOSPITAL
OXON HILL	6800	04	PRINCE GEORG	38 48	77 0W	120	08	08			H BRIAN SMITH
POTOMAC FLTR PLT	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 EAST SHORE
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 AP	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
SMITHSBURG 2NW	8371	06	WASHINGTON	39 40	77 35W	670	08	08			H SMITHSBURG WWTP
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17			H CURTIS E SHOCKLEY
SOLOMONS	8405	03	CALVERT	38 19	76 27W	12	08	08			H CHESAPEAKE BIOLOGIC LAB
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
WILLIAMSPORT	9570	07	WASHINGTON	39 36	77 50W	360	06	06			H R C WILSON TREATMENT PLT
DELAWARE											
BEAR 2 SW	1200	01	NEW CASTLE	39 36	75 44W	80	MID	MID			H R. GARY GALLAHER
DOVER	2730	02	KENT	39 16	75 31W	30	16	16			H DEPT OF TRANSPORTATION
GREENWOOD 2NE	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
NEWARK UNIV FARM	6410	01	NEW CASTLE	39 40	75 45W	90	17	17	17		C H UNIV OF DE AGR FARM
WILMINGTON NEW CASTLE R	9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID			C HJ ASOS - FAA
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID			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 2002, the averaging period is 1971 to 2000. 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.

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)

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."

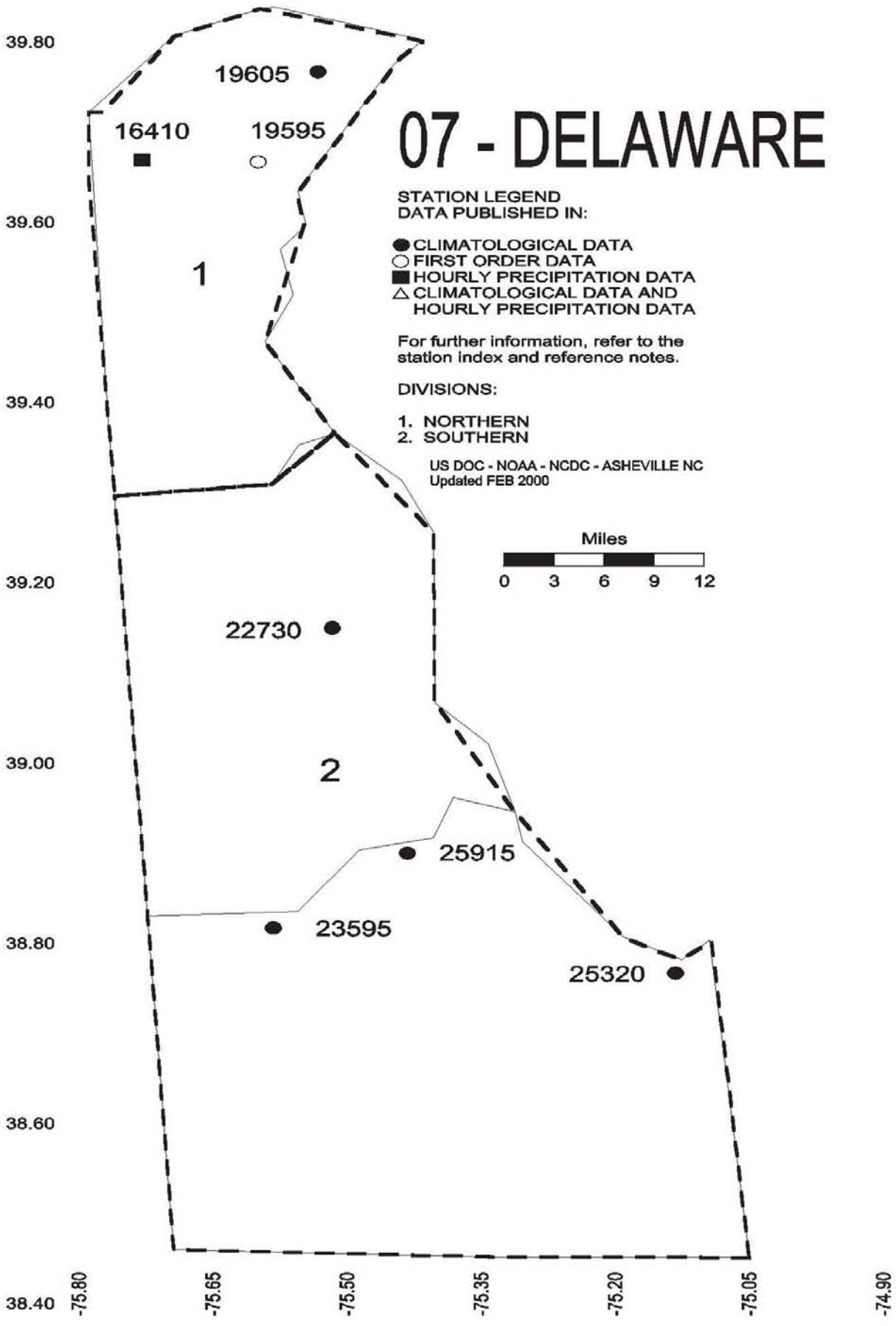
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this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

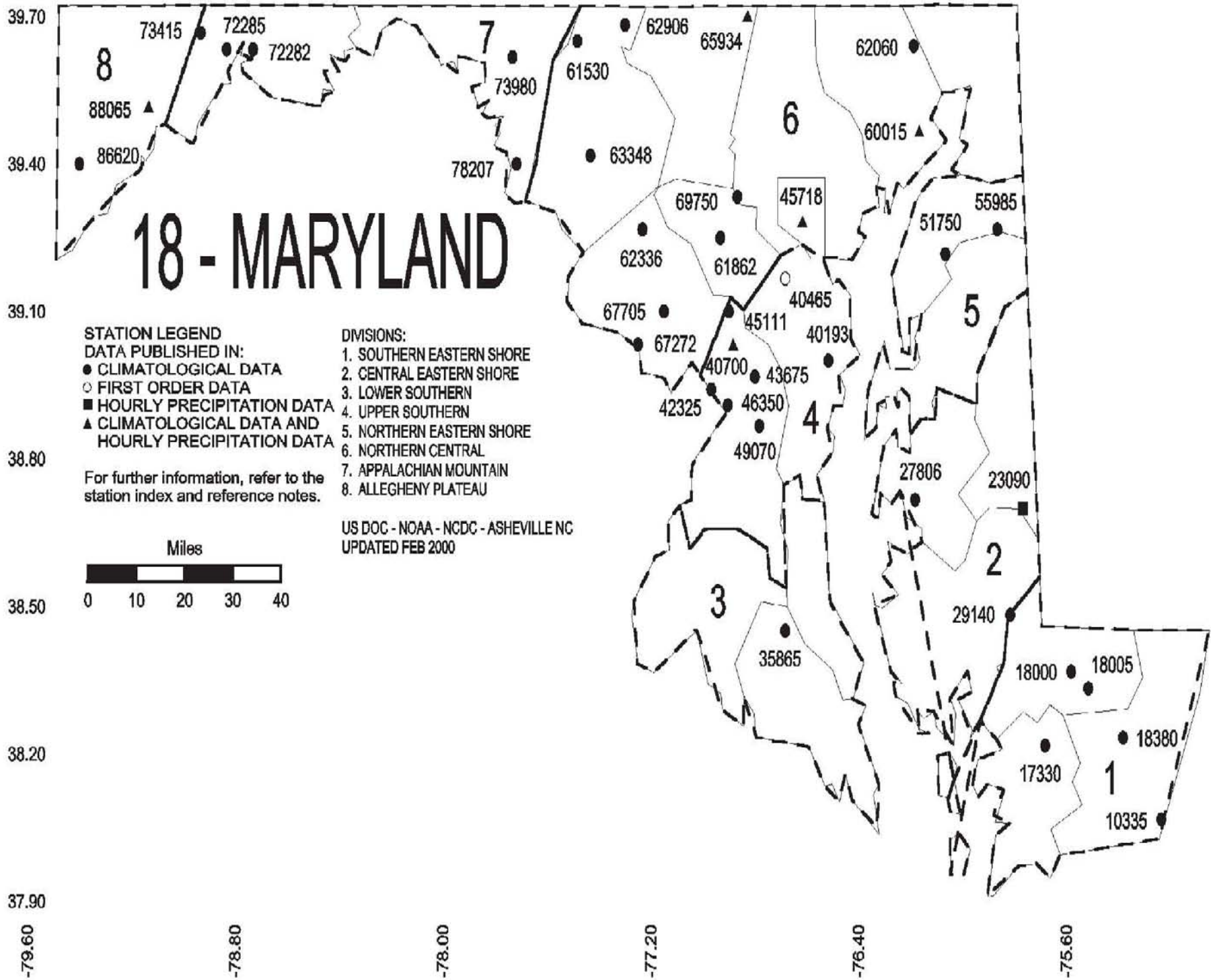
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07 - DELAWARE





Station ID	Division	Data Type
73415	8	Climatological Data
72285	8	Climatological Data
72282	8	Climatological Data
88065	8	Climatological Data and Hourly Precipitation Data
86620	8	Climatological Data
73980	7	Climatological Data
78207	7	Climatological Data
62906	6	Climatological Data
65934	6	Climatological Data
62060	6	Climatological Data
61530	6	Climatological Data
60015	6	Climatological Data and Hourly Precipitation Data
63348	6	Climatological Data
69750	6	Climatological Data
45718	6	Climatological Data and Hourly Precipitation Data
55985	5	Climatological Data
51750	5	Climatological Data
62336	4	Climatological Data
61862	4	Climatological Data
40465	4	First Order Data
67705	4	Climatological Data
67272	4	Climatological Data
45111	4	Climatological Data and Hourly Precipitation Data
40193	4	Climatological Data
40700	4	Climatological Data and Hourly Precipitation Data
43675	4	Climatological Data
42325	4	Climatological Data
46350	4	Climatological Data
49070	4	Climatological Data
27806	5	Climatological Data and Hourly Precipitation Data
23090	2	Hourly Precipitation Data
29140	2	Climatological Data
35865	3	Climatological Data
18000	1	Climatological Data
18005	1	Climatological Data
17330	1	Climatological Data
18380	1	Climatological Data
10335	1	Climatological Data

These and other publications are available from the National Climatic Data Center

Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. HPD includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some Stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

Local Climatological Data

LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains 3 hourly weather observations for that month and a hourly summary of precipitation. Annual LCD publications contain a summary of the past calendar year as well as historical averages and extremes.

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