CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

MAY 2008

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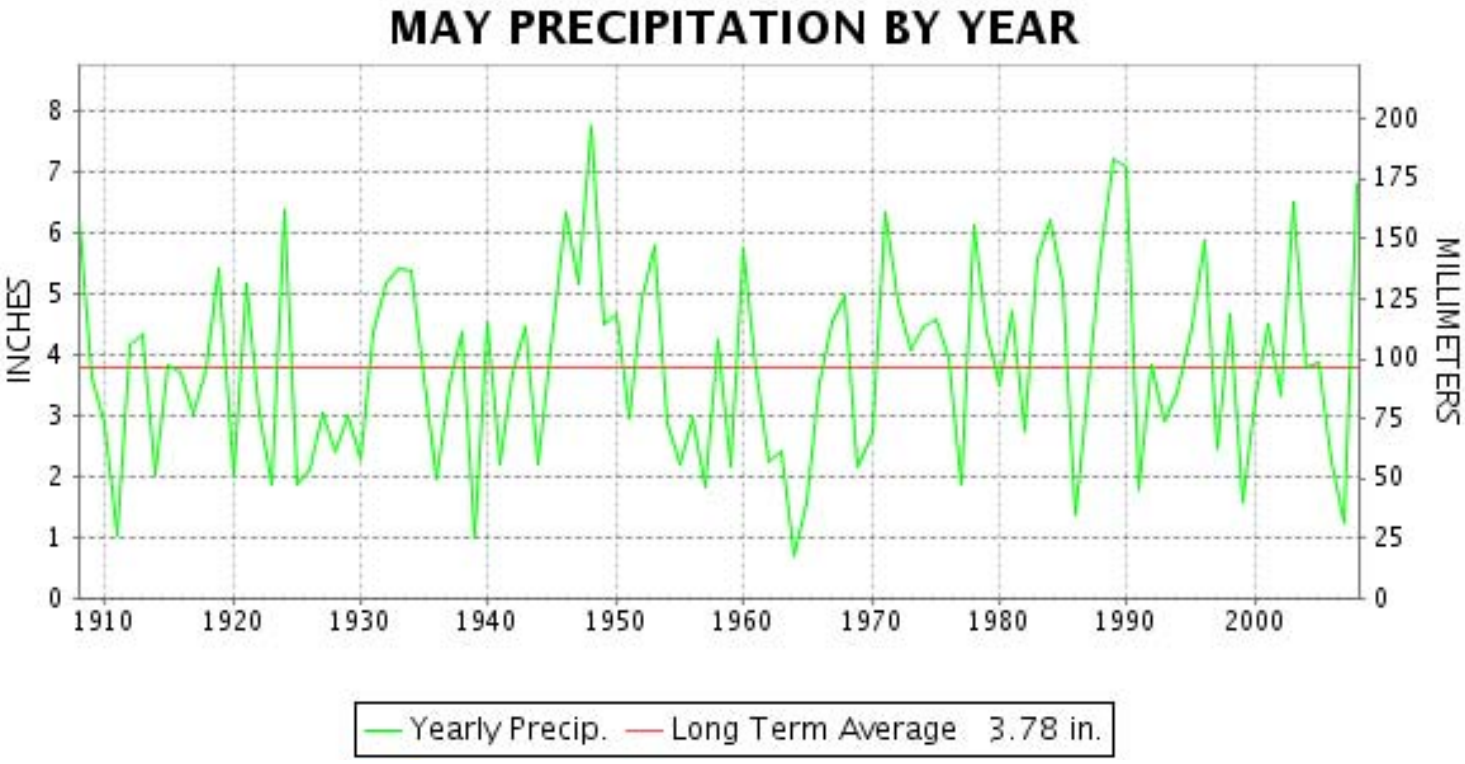

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	91	MAY 26	CUMBERLAND 2
LOWEST TEMPERATURE	31	MAY 12	SMITHSBURG 2NW
GREATEST TOTAL PRECIPITATION	11.80		UPPER MARLBORO 3 NNW
LEAST TOTAL PRECIPITATION	4.82		ABERDEEN PHILLIPS FLD
GREATEST 1 DAY PRECIPITATION	5.15	MAY 12	UPPER MARLBORO 3 NNW

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DELAWARE

HIGHEST TEMPERATURE	89	MAY 31	LEWES
LOWEST TEMPERATURE	38	MAY 1	BEAR 2 SW
GREATEST TOTAL PRECIPITATION	6.85		DOVER
LEAST TOTAL PRECIPITATION	3.88		WILMINGTON PORTER RSVR
GREATEST 1 DAY PRECIPITATION	2.79	MAY 12	LEWES

MARYLAND AND DELAWARE
MAY 2008

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)														PRECIPITATION (IN)									
											NO. OF DAYS								ICE PELLETS, SNOW			NO. OF DAYS		
											MAX		MIN											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEG. DAYS	COOLING DEG. DAYS	>=90	<=32	<=32	<=0	TOTAL	DEPARTURE FROM NORMAL	GREATEST 24 HOURS	DATE	TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																								
SOUTHERN EASTERN																								
SHORE 01																								
ASSATEAGUE	72.5	53.0	62.8	1.3	82	2	44	11	94	30	0	0	0	0	6.66	3.06	1.97	9	.0	0		7	5	2
PRINCESS ANNE	M	M	M		83	28+	36	1			0	0	0	0	M .94				.0	0		2	0	0
SALISBURY	74.1	M	M		87	31	45	29			0	0	0	0	5.57	1.90	1.80	12	.0	0		7	5	1
SALISBURY FAA AP	73.0	46.7	59.9	-3.5	87	31	37	29	183	30	0	0	0	0	6.02	2.15	1.19	11	.0	0		7	5	4
SNOW HILL 4 N	76.5	50.2	63.4	-1.4	90	31	39	14+	115	71	1	0	0	0	6.29	2.65	1.98	9	.0	0		8	3	3
--DIVISIONAL DATA------->			62.0	-1.2											6.14	2.52			.0					
CENTRAL EASTERN																								
SHORE 02																								
ROYAL OAK 2 SSW	74.2	53.9	64.1	-1.6	88	31	44	1	93	68	0	0	0	0	7.95	3.82	3.10	12	.0	0		6	4	4
VIENNA	74.2	51.2	62.7	-2.2	85	31	41	20	112	47	0	0	0	0	M 3.11		1.50	12	.0	0		5	3	1
--DIVISIONAL DATA------->			63.4	-.9											7.95	4.04			.0					
LOWER SOUTHERN 03																								
MECHANICSVILLE 5 NE	70.9	47.6	59.3	-4.6	83	27	38	1	196	25	0	0	0	0	10.68	6.46	4.71	12	.0	0		9	5	4
SOLOMONS	73.3	M	M		87	28	47	11+			0	0	0	0	M 6.50		1.77	12	M .0	0		7	5	4
--DIVISIONAL DATA------->			59.3	-4.1											10.68	6.54			.0					
UPPER SOUTHERN 04																								
BALTIMORE WASH INTL AP R	72.0	49.0	60.5	-2.4	85	26	38	1	165	33	0	0	0	0	7.77	3.88	2.20	12	.0	0		8	5	3
BELTSVILLE	71.9	50.2	61.1	-1.9	85	27	38	1	164	50	0	0	0	0	7.22	2.68	2.99	12	.0	0		8	5	2
DALECARLIA RESERVOIR	73.8	48.2	61.0	-3.9	88	27	41	1	148	33	0	0	0	0	6.77	2.35	2.00	12	.0	0		7	5	2
LAUREL 3 W	71.4	52.1	61.8	-2.8	82	26+	42	1	133	39	0	0	0	0	7.68	2.93	2.17	12	.0	0		8	5	3
MD SCI CTR BALTIMORE R	72.7	54.8	63.8		87	26	47	12+	95	64	0	0	0	0	5.36		1.67	9	M	M		9	4	1
NATL ARBORETUM DC	73.3	52.3	62.8	-1.3	85	27	41	1	117	57	0	0	0	0	9.01	4.72	3.65	12	.0	0		6	5	2
OXON HILL	73.8	51.8	62.8		87	27	42	1	114	54	0	0	0	0	10.91		3.80	12	.0	0		7	5	3
UPPER MARLBORO 3 NNW	72.3	49.8	61.1	-1.6	85	27	37	1	158	45	0	0	0	0	11.80	7.49	5.15	12	.0	0		7	5	2
--DIVISIONAL DATA------->			61.9	-1.7											8.32	3.88			.0					
NORTHERN EASTERN																								
SHORE 05																								
CHESTERTOWN	70.8	50.8	60.8	-3.1	83	27	41	1	151	28	0	0	0	0	7.40	3.31	3.60	9	.0	0		7	3	2
--DIVISIONAL DATA------->			60.8	-2.2											7.40	3.25			.0					
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	70.7	48.7	59.7	-4.2	85	28	41	11+	176	22	0	0	0	0	4.82	.41	1.67	12	.0	0		8	2	2
CATOCTIN MTN PARK	71.1	48.7	59.9	-1.7	85	26	37	12	181	32	0	0	0	0	6.48	1.34	2.88	12	.0	0		8	3	1
CONOWINGO DAM	72.3	48.3	60.3	-2.3	88	28	32	1	166	27	0	0	1	0	5.17	.59	1.05	9	.0	0		9	4	1
CYLBURN	67.9	48.5	58.2		83	27	37	1	218	14	0	0	0	0	6.24				.0	0		8	1	1
EMMITSBURG 2 SE	68.3	45.0	56.7	-5.5	82	27+	35	1	257	7	0	0	0	0	5.43	.91	2.23	12	.0	0		10	2	1

MARYLAND AND DELAWARE
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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)														PRECIPITATION (IN)									
											NO. OF DAYS								ICE PELLETS, SNOW			NO. OF DAYS		
											MAX		MIN											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEG. DAYS	COOLING DEG. DAYS	>=90	<=32	<=32	<=0	TOTAL	DEPARTURE FROM NORMAL	GREATEST 24 HOURS	DATE	TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
FREDERICK 2 NNE	71.2	46.7	59.0		86	27	38	1	204	22	0	0	0	0	5.93		2.87	12	.0	0		10	2	1
MILLERS 4 NE	69.6	47.2	58.4	-2.9	82	26	38	1	214	18	0	0	0	0	6.38	2.10	2.12	12	.0	0		9	5	1
SMITHSBURG 2NW	68.1	42.2	55.2		83	27	31	12	307	10	0	0	2	0	5.89		2.90	12	.0	0		10	3	1
--DIVISIONAL DATA------->			58.4	-3.9											5.79	1.17			.0					
APPALACHIAN MOUNTAIN 07																								
CUMBERLAND 2	75.3	48.2	61.8	-.4	91	26	40	23	140	48	1	0	0	0	5.40	1.43	1.45	12	.0	0		12	3	1
FROSTBURG 2	65.2	42.4	53.8	-2.4	84	27	35	1	343	1	0	0	0	0	6.95	2.19	1.27	4	.0	0		14	4	3
SHARPSBURG 5 S	70.1	43.8	57.0		85	27	33	1	255	15	0	0	0	0	6.50		3.37	12	.0	0		8	3	1
WILLIAMSPORT	70.3	44.3	57.3		84	27	35	1	240	11	0	0	0	0	4.85		1.80	12	.0	0		12	3	1
--DIVISIONAL DATA------->			57.5	-2.8											5.93	1.72			.0					
ALLEGHENY PLATEAU 08																								
OAKLAND 1 SE	65.4	40.7	53.1	-3.6	81	27	34	24	366	1	0	0	0	0	M 8.06		1.15	16	.0	0		16	8	2
SAVAGE RIVER DAM	66.3	43.0	54.7	-2.6	82	28+	37	6+	317	5	0	0	0	0	6.76	2.52	1.25	12	.0	0		15	4	1
--DIVISIONAL DATA------->			53.9	-2.6											6.76	2.22			.0					
DELAWARE NORTHERN 01																								
BEAR 2 SW	70.5	47.7	59.1		83	27	38	1	193	20	0	0	0	0	5.68		2.50	9	.0	0		7	4	1
WILMINGTON NEW CASTLE R	71.0	49.3	60.2	-2.3	84	27	41	13	170	28	0	0	0	0	5.12	.97	1.94	9	.0	0		7	4	1
WILMINGTON PORTER RSVR	68.9	49.5	59.2	-2.7	83	27	39	11	194	22	0	0	0	0	3.88	-.45	.86	12	.0	0		6	4	0
--DIVISIONAL DATA------->			59.5	-3.1											4.89	.47			.0					
SOUTHERN 02																								
DOVER	72.9	52.0	62.5	-1.8	84	31	44	13	116	45	0	0	0	0	6.85	2.56	2.05	9	.0	0		9	4	2
GREENWOOD 2NE	70.9	48.4	59.7	-2.1	84	28	42	13+	182	24	0	0	0	0	4.79	.48	1.45	12	.0	0		7	4	1
LEWES	73.6	53.3	63.5	-.5	89	31	45	14+	103	64	0	0	0	0	6.01	2.10	2.79	12	.0	0		6	5	2
--DIVISIONAL DATA------->			61.9	-1.0											5.88	1.76			.0					

MARYLAND AND DELAWARE
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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	6.66				.06				.04	1.97	.09	.95	.97				.55	.01	.03		.28	.26						.03			1.42
PRINCESS ANNE	M .94									.17			-	-				*	*	*	.38	.32						.07			-
SALISBURY	5.57				.04				.08	.89	.08	.01	1.80	.16			.55	.84	.05	.03	.21	.03						T			.80
SALISBURY FAA AP	6.02				.01				.10	1.19	.07	1.19	.72				1.15	T	.05		.28	.06					.01	.06			1.13
SNOW HILL 4 N	6.29	T			.03				.05	1.98	.06		1.68	.20			.49	.22	T	.05	.32	.12						.01			1.08
CENTRAL EASTERN																																
SHORE 02																																
ROYAL OAK 2 SSW	7.95	T							T	1.06	.13	T	3.10				1.70		.08		.43	T									1.45
VIENNA	M 3.11								.04	-		-	1.50	.04			.66	.54		.10	.23										-
LOWER SOUTHERN 03																																
MECHANICSVILLE 5 NE	10.68		.02						.01	1.06	.22	.15	4.71	2.01			.92	1.11		.10		.37					T	T			
SOLOMONS	M 6.50			-					.01	1.08	.24	.03	1.77	.60			1.18	*	.20	.09	.15	.07	.01		-		-	T	T	T		1.07
UPPER SOUTHERN 04																																
BALTIMORE WASH INTL AP R	7.77	.01		.01					.34	1.85	.27	1.49	2.20			T	.60	T	.08		.67	T	T				T	T			.25
BELTSVILLE	7.22		.01						.01	1.62	.51		2.99	.36			.86	.03		.15	.58	.10									
DALECARLIA RESERVOIR	6.77		.30						.03	1.75	.71	.02	2.00	.44			.78			.09	.62	.03									
LAUREL 3 W	7.68								.07	1.79	.35	1.24	2.17				.83		.10		.65	.02									.46
MD SCI CTR BALTIMORE R	5.36								.09	1.67	.24	.89	.80				.59		.16		.47						.11				.34
NATL ARBORETUM DC	9.01	T	.04						.05	2.50	.85	.02	3.65	.48			.75	.01		.09	.55	.02						T			
OXON HILL	10.91	T	.02		T				.02	3.63	.74	.03	3.80	.96			1.03	.02	T	.05	.38	.22	.01				T		T		
UPPER MARLBORO 3 NNW	11.80		.02							4.15	.50		5.15	.32			.95			.10	.61							T	T		
NORTHERN EASTERN																																
SHORE 05																																
CHESTERTOWN	7.40								.02	3.60	.18	.10	2.01	T			.36		.29		.71	.05									.08
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	4.82		T						T	1.10			1.67	.13			.42			.49	.16	.44	.03					.38			
CATOCTIN MTN PARK	6.48				.02				.16	.60	.48	.05	2.88	.03			.48		.41	.03	.48	.02	.05				.05	.03			.71
CONOWINGO DAM	5.17		.02							1.05	.43	.09	.65	.18			.80	.46		.42	.04	.66						.37			
CYLBURN	6.24		.02			.25			.01	1.17	.44	.10	*	2.55			.35	.18	*	*	.63	.24	.09				T	.21			
EMMITSBURG 2 SE	5.43								T	.49	.63	.09	2.23	.40			.23	.37		.23	.23	.21					.02	.30			
FREDERICK 2 NNE	5.93				.01				.05	.60	.44	.14	2.87	.31			.34	.33		.17	.32	.25	.08				.02				
MILLERS 4 NE	6.38	T			.03				.01	.95	.29	.12	2.12	.06		T	.81	.04	.32	T	.62	T	T				.03	.48			.50
POTOMAC FLTR PLT	M 7.17	.06		.04	.19					1.50	.35	2.00	1.47	-			.77				.15	.02	.03					.03			.56
SMITHSBURG 2NW	5.89								.08	.11	.61	.15	2.90	.75			.12	.25	.05	.26	.17	.28	.08				.08				
APPALACHIAN																																
MOUNTAIN 07																																
CUMBERLAND 2	5.40		.03		.76				.01	.16	.99	.02	1.45	.12		.02	.44	.18	.16	.43	.24	.17	.03				.13	.06			

MARYLAND AND DELAWARE
MAY 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	6.95	.01		.05	1.27				.14	.38	1.01	.05	1.25	.16		.03	.66	.15	.47	.27	.26	.22	.07					.21	.29			T
SHARPSBURG 5 S	6.50	T	T		.10				.06	.28	*	.53	3.37	.60		T	.20	.33	.07		.61	.24	.06					.04	.01			
WILLIAMSPORT	4.85				.01					.10	.35	.28	1.80	.52		.01	.57	.20	.12	.20	.15	.32	.16						.06			
ALLEGHENY PLATEAU 08																																
OAKLAND 1 SE	M 8.06	-	.05		.50				.34		.76	.50	1.10	.10		.14	1.15	.50	.39	.50	.41	.22		.33				.45	.57			.05
SAVAGE RIVER DAM	6.76	.03	.03	T	.80				.18	.47	.77	.22	1.25	.14		.03	.77	.43	.20	.38	.31	.19	.12				*	.31	.13			T
DELAWARE																																
NORTHERN 01																																
BEAR 2 SW	5.68	.02		T					.02	2.50	.01	.09	.88		T		.84	.01	.30		.58	.03						.13				.27
WILMINGTON NEW CASTLE R	5.12	.01		.01					.02	1.94		.09	.55		T	T	.94	.01	.31		.65	T	T				T	.11	T			.48
WILMINGTON PORTER RSVR	3.88								T	.75			.86				.85	T	.32		.72	.07						.08				.23
SOUTHERN 02																																
DOVER	6.85								.02	2.05	.35		1.35	.47			.35	T	.23		.79	.02						T	.31			.91
GREENWOOD 2NE	4.79									.80	.69	.05	1.45	.92			.25			.19	.09	.35	T					T	T			
LEWES	6.01								T	1.13	.08	.01	2.79	.53	T		.29	T			.55	.02	.09									.52

MARYLAND AND DELAWARE
MAY 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	
MARYLAND																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE M	MID	MAX	66	82	80	78	65	73	78	73	76	61	64	58	65	79	79	70	75	70	69	76	69	71	73	72	72	72	81	74	74	76	75	72.5
		MIN	46	56	58	57	48	45	56	61	55	52	44	46	46	46	57	59	53	57	55	46	48	55	53	56	53	56	63	56	45	54	62	53.0
PRINCESS ANNE	17	MAX	68	78			81	78	82	83	78				77	72	78				78	73		67	69			80	82	83	74	82		M
		MIN	36	53			41	40	45	62	56					42	39				45	43		41	42			45		52	38	46		M
		OBS													31														40					
SALISBURY	17	MAX	66	79	81	79	75	76	81	80	75	61	65	61	67	74	77	76	73	74	68	70	65	69	70	73	76	81	83	79	74	82	87	74.1
		MIN																64	50	57	52	50	48	48	47	55	50	53	67	57	45	53	65	M
SALISBURY FAA AP M	MID	MAX	67	79	81	74	67	76	82	71	74	62	66	56	68	74	77	75	72	74	67	70	65	69	70	73	75	81	83	72	74	82	87	73.0
		MIN	40	57	56	45	41	40	46	61	51	44	38	46	42	38	57	55	49	51	42	43	43	40	40	45	42	44	67	41	37	44	63	46.7
SNOW HILL 4 N	17	MAX	68	82	83	80	76	79	84	83	77	65	66	62	68	78	81	79	76	78	73	74	68	71	73	74	74	84	84	81	77	83	90	76.5
		MIN	39	51	60	64	44	43	50	66	62	50	40	47	43	39	57	61	50	52	48	44	44	43	43	50	44	48	65	57	40	48	65	50.2
CENTRAL EASTERN SHORE 02																																	
ROYAL OAK 2 SSW	18	MAX	67	82	81	76	72	78	82	80	70	64	64	62	70	73	77	75	73	73	67	66	68	68	69	73	75	86	83	81	75	81	88	74.2
		MIN	44	60	59	58	49	52	55	66	55	49	46	47	48	47	59	61	52	60	53	48	48	48	52	55	50	60	69	57	49	56	58	53.9
VIENNA	18	MAX	62	76	79	80	77	78	81	80	74	64	64	59	69	76	75	79	73	73	69	70	67	70	71	75	77	80	80	80	75	81	85	74.2
		MIN	46	56	60	55	49	49	54	65	54	47	44	45	44	49	48	58	49	55	47	41	47	48	45	51	47	55	66	53	46	57	57	51.2
		OBS			36						68																							
LOWER SOUTHERN 03																																	
MECHANICSVILLE 5 NE	07	MAX	60	67	81	82	74	70	77	82	75	68	61	60	49	70	73	75	73	74	65	66	63	68	68	70	70	75	83	79	65	75	81	70.9
		MIN	38	40	54	60	46	45	45	54	63	46	42	43	43	43	44	55	46	46	45	44	45	44	44	46	47	52	54	56	45	48	52	47.6
SOLOMONS	08	MAX	61	66	81	83	75	73	75	83	75	74	64	64	55	70	77	77	76	79	72	70	71	73	71	71	75	73	85	87	68	72	77	73.3
		OBS			***														***							***		***					90	
		MIN	47	55		61	53	54		62	64		47				57	60			49	53	51	50	50		50		60		52	57		M
UPPER SOUTHERN 04																																	
BALTIMORE WASH INTL APM	MID	MAX	64	83	77	71	69	79	82	74	64	65	63	50	72	73	76	68	74	68	65	57	68	67	70	74	76	85	83	70	79	83	82	72.0
		MIN	38	47	57	50	46	46	50	63	49	46	42	46	43	44	56	52	45	52	44	44	45	45	43	48	47	53	68	49	45	51	64	49.0
BELTSVILLE	08	MAX	60	68	83	82	70	71	78	82	72	65	64	62	56	71	74	77	69	76	69	65	60	69	66	70	74	77	85	83	70	79	83	71.9
		MIN	38	47	57	57	45	47	48	65	61	48	42	46	45	44	55	61	45	54	45	44	46	44	43	47	47	51	66	57	45	51	65	50.2
DALECARLIA RESERVOIR	08	MAX	63	69	86	80	72	76	81	84	73	66	66	63	50	74	77	80	69	78	71	69	61	72	70	72	75	79	88	86	72	80	86	73.8
		MIN	41	48	46	45	47	53	51	58	57	49	45	44	42	48	55	51	46	45	43	42	46	44	43	48	47	46	59	56	47	43	60	48.2
		OBS																											44				42	
LAUREL 3 W M	MID	MAX	65	82	79	74	70	76	80	74	65	64	61	50	70	72	76	68	74	68	64	56	68	65	70	73	75	82	81	73	78	81	80	71.4
		MIN	42	52	55	55	50	54	55	63	53	48	45	43	44	48	58	53	47	56	48	48	49	47	47	53	53	55	69	53	51	57	65	52.1
MD SCI CTR BALTIMORE M	MID	MAX	64	78	72	72	69	80	84	77	65	66	64	51	73	76	79	67	77	69	66	57	70	68	72	74	78	87	86	70	80	83	80	72.7
		MIN	47	54	57	56	55	54	59	65	54	51	50	47	49	52	61	54	49	57	50	50	50	50	49	57	58	58	67	57	55	60	67	54.8
NATL ARBORETUM DC	07	MAX	62	70	84	83	73	73	79	82	71	71	66	63	52	74	74	78	78	77	69	68	59	70	69	71	75	78	85	83	72	79	84	73.3

MARYLAND AND DELAWARE
MAY 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	
		MIN	41	46	57	58	47	52	53	62	61	50	45	46	45	46	56	62	49	56	51	47	47	47	50	50	50	54	65	56	50	56	66	52.3
OXON HILL	08	MAX	62	71	86	84	74	76	80	85	71	66	66	63	51	74	74	79	73	78	69	69	62	71	70	72	75	79	87	84	72	79	86	73.8
		MIN	42	48	59	59	48	52	52	54	63	52	46	46	44	47	50	60	48	55	51	49	49	48	51	51	52	53	57	58	48	53	62	51.8
UPPER MARLBORO 3 NNW	08	MAX	60	69	84	83	72	70	78	82	71	65	64	63	50	72	74	78	74	76	67	67	59	70	69	71	74	77	85	83	71	79	83	72.3
		MIN	37	46	56	57	44	47	49	59	63	48	43	45	42	43	52	62	47	54	48	44	45	45	46	49	47	52	60	56	45	52	62	49.8
NORTHERN EASTERN SHORE 05																																		
CHESTERTOWN	23	MAX	64	79	73	73	67	77	80	73	65	64	63	50	70	73	76	70	73	66	65	55	67	66	70	72	75	81	83	68	75	81	81	70.8
		MIN	41	48	54	53	49	49	51	63	53	46	44	46	46	45	57	55	49	56	48	45	45	46	49	51	48	55	66	54	48	53	63	50.8
		OBS																															45	
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	07	MAX	58	64	80	70	73	68	80	82	76	64	63	63	50	74	76	77	63	73	66	63	57	70	67	72	72	75	82	85	69	79	82	70.7
		MIN	41	43	51	53	52	47	48	50	61	46	41	44	46	45	47	57	47	50	48	48	48	49	46	48	46	50	54	56	44	47	57	48.7
CATOCTIN MTN PARK	17	MAX	61	81	79	68	71	75	80	80	63	61	62	50	71	71	74	73	70	67	65	57	63	62	67	71	75	85	83	80	77	81	81	71.1
		MIN	38	46	53	53	45	52	55	58	47	45	44	37	42	53	55	49	43	48	42	44	44	45	42	46	49	53	65	48	50	56	62	48.7
CONOWINGO DAM	07	MAX	60	63	77	70	74	74	80	80	78	63	66	67	53	74	76	78	67	76	69	64	56	72	67	72	75	80	84	88	71	84	84	72.3
		OBS																													86			
		MIN	32	46	50	48	45	48	40	55	63	50	47	43	47	46	48	56	48	42	48	47	46	48	48	50	53	50	58	51	43	48	54	48.3
		OBS								64																			42	38				
CYLBURN	20	MAX	58	63	70	68	69	67	77	71	65	60	60	62	67	70	74	76	62	67	61	52	54	66	65	68	69	74	83	82	68	76	81	67.9
		OBS			83					82	77				51																			
		MIN	37	44	54	50	47	47	50	55	58	46	43	43	43	45	48	56	47	51	47	44	46	46	46	48	47	53	67	51	45	49	51	48.5
EMMITSBURG 2 SE	07	MAX	57	61	82	69	68	69	75	79	73	58	63	61	49	70	71	75	57	73	68	61	55	65	63	68	72	73	82	81	66	75	79	68.3
		MIN	35	37	43	53	43	43	44	47	58	45	40	41	38	40	45	53	44	50	45	42	41	44	41	47	44	50	53	54	42	44	49	45.0
FREDERICK 2 NNE	07	MAX	59	67	84	75	69	73	78	82	76	59	66	64	50	74	73	76	60	76	70	64	59	68	66	71	74	71	86	83	70	79	84	71.2
		MIN	38	40	47	53	42	43	50	53	58	47	42	42	39	40	50	54	47	51	44	44	43	42	42	42	45	51	58	55	44	46	55	46.7
		OBS																						***										
MILLERS 4 NE	18	MAX	61	79	76	66	68	74	78	75	64	61	62	52	69	71	72	71	71	68	65	57	63	61	66	70	73	82	80	73	74	80	77	69.6
		MIN	38	44	52	52	44	48	51	59	49	43	41	40	40	44	51	51	41	49	42	40	42	44	44	47	45	53	66	50	42	48	62	47.2
SMITHSBURG 2NW	08	MAX	55	65	79	65	72	70	74	79	72	58	64	61	47	71	71	74	55	71	67	59	55	63	61	68	72	74	83	81	68	76	80	68.1
		MIN	33	32	45	42	36	40	43	46	47	46	41	31	35	37	44	53	38	50	40	40	40	42	36	36	40	43	54	51	41	46	59	42.2
		OBS									57																						46	
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	18	MAX	72	86	83	67	75	78	85	82	68	69	67	54	76	75	77	72	75	73	67	63	63	66	73	75	78	91	85	83	84	86	85	75.3
		MIN	46	46	58	45	41	45	47	62	53	50	46	41	43	44	58	51	42	48	45	45	43	43	40	46	45	49	65	52	43	51	60	48.2
FROSTBURG 2	07	MAX	52	66	79	76	61	70	71	78	64	57	59	53	46	67	65	69	50	67	60	56	52	56	59	65	65	74	84	76	68	75	80	65.2
		MIN	35	42	44	46	37	38	46	50	53	46	40	36	36	41	47	47	42	43	40	40	42	40	38	41	40	42	48	44	41	40	49	42.4
SHARPSBURG 5 S	07	MAX	58	64	84	79	68	71	77	82	73	59	65	58	48	72	72	75	58	74	70	62	60	66	63	70	73	76	85	82	69	78	83	70.1
		MIN	33	42	46	55	39	39	44	47	58	50	43	41	37	38	45	54	39	41	40	41	39	40	37	39	41	42	53	55	42	44	54	43.8
WILLIAMSPORT	06	MAX	58	63	82	76	69	72	77	79	75	60	66	60	50	73	72	76	57	75	75	62	60	66	62	71	74	75	84	83	69	78	80	70.3

MARYLAND AND DELAWARE
MAY 2008

DAILY TEMPERATURES (°F)

STATION	OB.TIME	MAX/MIN	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	AVERAGE
		OBS	41							61															***								
		MIN	35	42	46	55	41	41	44	46	60	52	43	41	41	41	45	45	42	45	43	42	41	40	37	40	44	45	48	56	45	37	51	44.3
		OBS								61															***								38	
ALLEGHENY PLATEAU 08																																		
OAKLAND 1 SE	07	MAX	53	72	80	75	67	68	69	75	61	61	70	56	45	67	64	67	51	66	60	56	56	60	55	63	65	74	81	70	67	73	80	65.4
		OBS	72	80	75	67	68	69	75	61	61	70	56	45	67	64	67	51	66	60	56	56	60	55	63	65	74	81	70	67	73	80	73	
		MIN	37	43	44	35	36	36	45	48	47	45	36	37	37	41	46	42	42	40	39	39	36	42	35	34	40	40	45	36	43	45	51	40.7
SAVAGE RIVER DAM	08	MAX	54	65	80	75	60	70	71	78	67	60	60	56	49	68	66	70	52	67	63	58	58	59	61	65	68	73	82	82	65	74	78	66.3
		OBS																	70									***						
		MIN	37	37	45	49	37	37	44	45	55	50	40	40	40	41	43	43	43	46	44	42	40	40	40	40	40	44	58	46	39	42	47	43.0
		OBS																										***	46					
DELAWARE																																		
NORTHERN 01																																		
BEAR 2 SW M		MID MAX	63	77	70	71	68	77	80	75	63	63	63	51	73	74	77	65	73	69	61	55	67	65	69	72	76	82	83	69	76	82	78	70.5
		MIN	38	46	52	52	47	42	46	63	52	44	39	47	44	39	54	53	46	52	42	40	46	45	42	46	44	48	63	53	41	49	64	47.7
WILMINGTON NEW CASTLE M		MID MAX	62	76	68	71	67	79	81	75	65	63	64	51	74	75	77	64	73	68	62	55	68	65	70	74	78	82	84	70	77	82	80	71.0
		MIN	44	47	52	52	50	47	50	64	50	46	42	46	41	43	56	53	46	51	44	43	47	48	44	48	48	52	59	52	45	54	65	49.3
WILMINGTON PORTER RSVRM		MID MAX	61	72	64	68	67	75	80	73	65	60	62	50	69	74	75	65	71	67	59	52	67	61	67	71	74	81	83	67	75	82	79	68.9
		OBS									54																							
		MIN	45	49	50	49	52	50	51	63	48	43	39	44	45	44	57	51	40	52	47	46	47	48	47	50	54	55	54	49	49	55	62	49.5
		OBS								36		25	19																					
SOUTHERN 02																																		
DOVER	16	MAX	66	79	79	71	70	79	80	79	70	66	62	60	70	75	75	74	72	71	68	64	63	66	69	72	73	81	82	82	76	82	84	72.9
		MIN	45	55	52	54	49	50	54	63	50	49	47	47	44	46	59	54	50	56	49	47	48	48	47	50	51	56	66	57	48	55	65	52.0
GREENWOOD 2NE	07	MAX	59	65	80	69	74	67	78	82	73	65	63	65	51	70	74	76	76	72	69	65	60	67	67	69	73	76	81	84	69	76	83	70.9
		MIN	42	45	52	54	45	45	50	54	64	47	42	44	42	44	44	56	48	50	46	44	47	45	45	48	47	49	54	56	44	47	60	48.4
		OBS																															47	
LEWES	17	MAX	64	78	74	68	70	77	83	83	73	64	62	63	66	75	75	73	74	75	71	66	68	68	70	71	73	84	85	82	75	83	89	73.6
		OBS										56																						
		MIN	45	57	53	55	52	50	58	67	55	52	46	47	47	45	59	62	51	57	50	47	48	47	49	49	54	55	67	56	48	58	66	53.3

MARYLAND AND DELAWARE
MAY 2008

PAN EVAPORATION AND WIND

STATION		DAY OF MONTH																													TOTAL OR 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																																	
UPPER SOUTHERN 04																																	
BELTSVILLE	WIND	36	33	*	*	191	25	33	*	170	*	100	133	90	49	46	43	101	*	138	83	46	59	92	52	*	*	171	85	32	31	70	1909
	EVAP	12	6	*	*	76	15	22	*	17	*	17	-	2	21	19	17	15	*	35	28	5	21	22	23	*	*	80	26	19	24	25	5.65
	MAX	72	76	-	-	94	90	90	-	93	-	78	70	61	87	83	92	81	-	88	79	68	82	80	88	-	-	96	94	90	92	97	84.2
	MIN	55	56	-	-	61	62	62	-	65	-	68	56	55	56	63	72	59	-	60	60	59	60	58	60	-	-	64	57	61	63	75	61.1
UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	EVAP	14	*	*	*	81	18	20	32	-	-	-	-	-	17	14	18	*	*	44	18	6	12	20	*	*	*	90	16	17	20	-	5.67
	MAX	68	70	85	88	86	85	84	87	72	66	72	64	52	85	78	89	81	85	69	77	63	77	77	86	83	93	94	86	86	94	92	79.8
	MIN	47	48	56	61	54	55	56	57	63	52	50	47	46	47	53	60	49	50	51	52	50	51	49	51	54	55	56	58	50	52	58	52.8

Evaporation: Is measured in hundreths of inches.
Wind: Is measured in miles.
Max and Min: The maximum and minimum tempertures (Fahreheit) of the water in the evaporation pan.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES (LOCAL STD TIME) TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	OBSERVER
MARYLAND											
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	07	07		C H	US ARMY ABERDEEN TST CTR
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	20	20		H	CYLBURN ARBORETUM
DALECARLIA RESERVOIR	2325	04	PRINCE GEORG	38 56	77 7W	150	08	08		H	USA CORPS OF ENGINEERS
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 56W	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 AND 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
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)

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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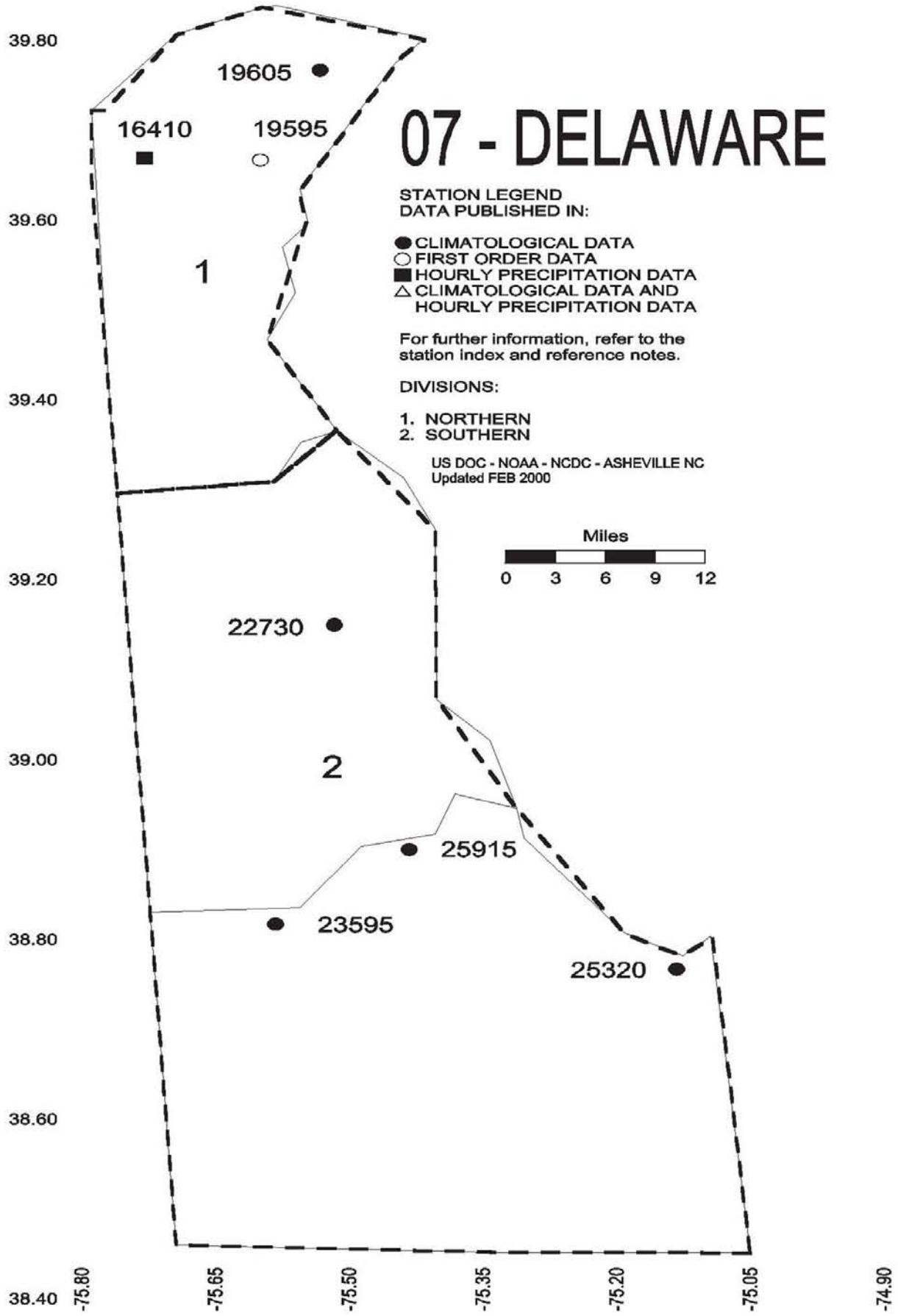
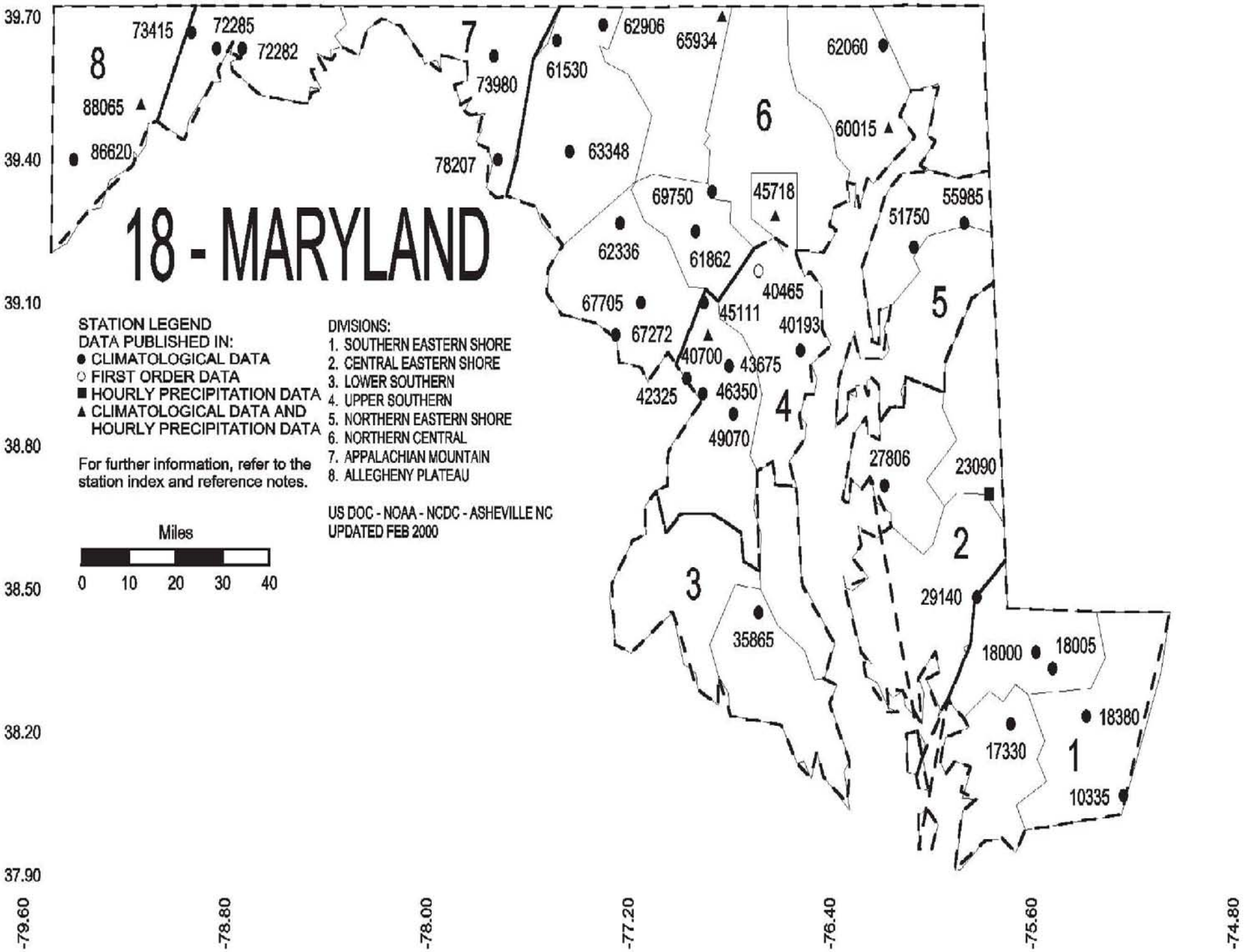

07 - DELAWARE
STATION LEGEND
DATA PUBLISHED IN:
CLIMATOLOGICAL DATA
FIRST ORDER DATA
HOURLY PRECIPITATION DATA
CLIMATOLOGICAL DATA AND
HOURLY PRECIPITATION DATA
For further information, refer to the station index and reference notes.
DIVISIONS:
1. NORTHERN
2. SOUTHERN
US DOC - NOAA - NCDC - ASHEVILLE NC
Updated FEB 2000
Miles
0 3 6 9 12
19605
16410
19595
22730
25915
23595
25320
1
2
39.80
39.60
39.40
39.20
39.00
38.80
38.60
38.40
-75.80
-75.65
-75.50
-75.35
-75.20
-75.05
-74.90


18 - MARYLAND
STATION LEGEND
DATA PUBLISHED IN:
● CLIMATOLOGICAL DATA
○ FIRST ORDER DATA
■ HOURLY PRECIPITATION DATA
▲ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA
For further information, refer to the station index and reference notes.
Miles
0 10 20 30 40
DIVISIONS:
1. SOUTHERN EASTERN SHORE
2. CENTRAL EASTERN SHORE
3. LOWER SOUTHERN
4. UPPER SOUTHERN
5. NORTHERN EASTERN SHORE
6. NORTHERN CENTRAL
7. APPALACHIAN MOUNTAIN
8. ALLEGHENY PLATEAU
US DOC - NOAA - NCDC - ASHEVILLE NC
UPDATED FEB 2000
73415
72285
72282
88065
86620
73980
78207
61530
62906
65934
62060
60015
63348
69750
45718
55985
51750
62336
61862
40465
67705
45111
40193
67272
40700
43675
42325
46350
49070
27806
23090
29140
35865
18000
18005
18380
17330
10335
39.70
39.40
39.10
38.80
38.50
38.20
37.90
-79.60
-78.80
-78.00
-77.20
-76.40
-75.60
-74.80

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 summmarize 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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