CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

MAY 2012

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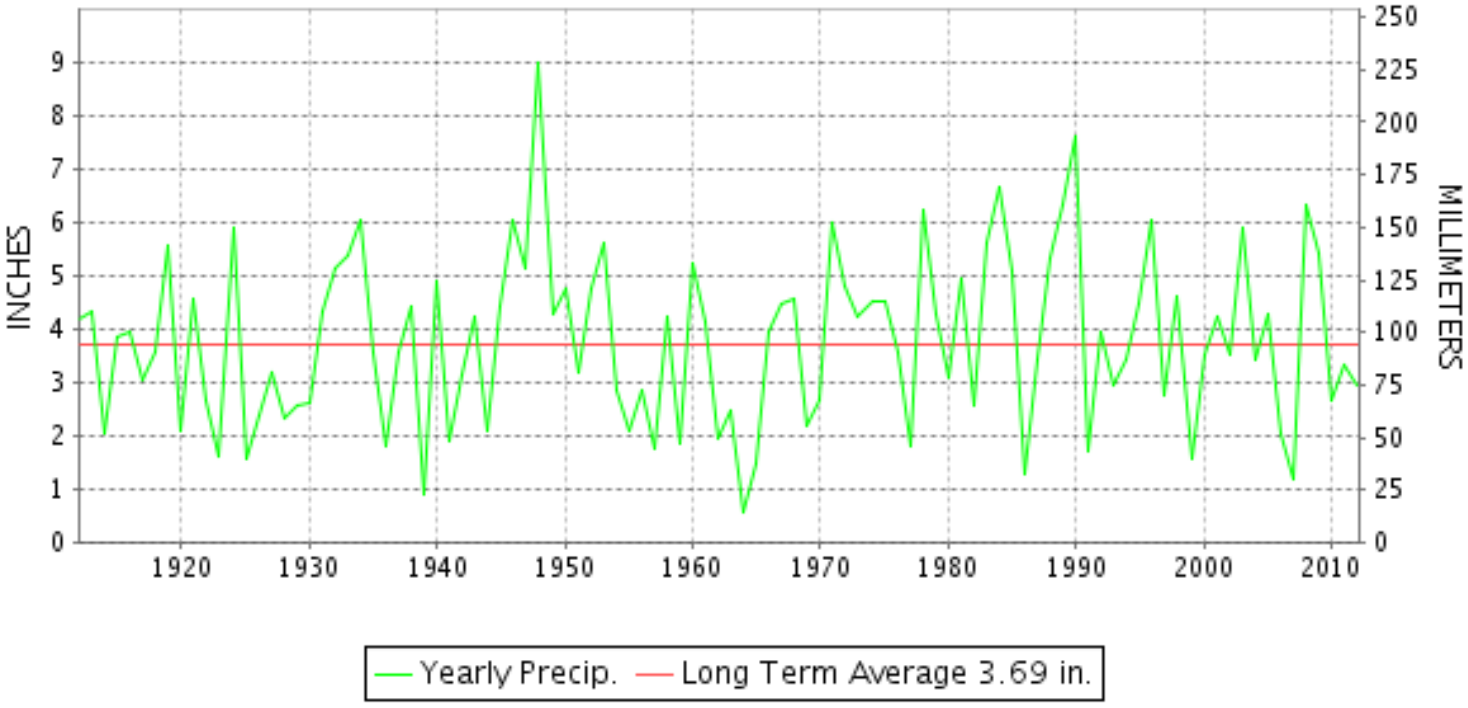
MAY PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	98	MAY 28	MARYLAND SCIENCE CENTER
LOWEST TEMPERATURE	31	MAY 11+	3 STATIONS
GREATEST TOTAL PRECIPITATION	5.97		FROSTBURG 2
LEAST TOTAL PRECIPITATION	1.99		BALTIMORE WASH INTL AP
GREATEST 1 DAY PRECIPITATION	1.67	MAY 22	SHARPSBURG 5 S

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DELAWARE

HIGHEST TEMPERATURE	91	MAY 29+	WILMINGTON NEW CASTLE CO AP
LOWEST TEMPERATURE	39	MAY 11	BEAR 2 SW
GREATEST TOTAL PRECIPITATION	3.26		WILMINGTON PORTER RES
LEAST TOTAL PRECIPITATION	2.04		BEAR 2 SW
GREATEST 1 DAY PRECIPITATION	0.89	MAY 14	WILMINGTON PORTER RES

MARYLAND AND DELAWARE
201205

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	M	M	M												M									
PRINCESS ANNE	80.0MF	59.7M	69.9MF		89	29+	37	11	38E	190E	0	0	0	0	M 2.49		1.00	09				5	2	1
SALISBURY 2N	78.5	59.3	68.9		87	29	45	11+	33	157	0	0	0	0	2.09		0.47	21				7	0	0
SALISBURY FAA AP	79.2	59.0	69.1		90	29	46	11	30	166	1	0	0	0	2.61		1.15	09				6	1	1
SNOW HILL 4 N	80.2	57.4	68.8		91	28	41	11	40	164	2	0	0	0	4.95		1.35	10				7	4	2
--DIVISIONAL DATA------->			69.2	6.0B											3.22	-0.40B								
CENTRAL																								
EASTERN SHORE 02																								
ROYAL OAK 2 SSW	78.9	60.6	69.8		90	28	47	11	19	173	1	0	0	0	2.43		0.63	15				8	1	0
--DIVISIONAL DATA------->			69.8	5.5B											2.43	-1.48B								
LOWER SOUTHERN 03																								
MECHANICSVILLE 5 NE	M	M	M												M									
SOLOMONS	75.9	62.0	69.0		89	29	52	11	22	152	0	0	0	0	2.61		0.68	02				6	1	0
--DIVISIONAL DATA------->			69.0	5.6B											2.61	-1.53B								
UPPER SOUTHERN 04																								
BALTIMORE WASH INTL AP	79.2	58.8	69.0		93	28	44	11	27	160	2	0	0	0	1.99		0.56	21	0.0	0		7	1	0
BELTSVILLE	77.9	58.7	68.3		91	29	43	11	40	150	2	0	0	0	2.70		0.92	15	0.0	0		8	1	0
DALECARLIA RSVR	79.4	58.9	69.2		93	30+	44	11+	30	167	2	0	0	0	4.03		0.78	15	0.0	0		11	4	0
LAUREL 3 W	79.2	59.5	69.4		91	29+	48	11	20	162	2	0	0	0	3.69		0.80	15	0.0	0		8	2	0
MARYLAND SCIENCE CENTER	81.7	64.6	73.2		98	28	53	11	4	265	4	0	0	0	2.44		0.65	09				7	1	0
NATL ARBORETUM DC	80.8	59.4	70.1		93	29	48	13	16	182	5	0	0	0	3.05		0.93	15				9	1	0
OXON HILL	78.6	58.9	68.8		91	29	48	13+	31	154	1	0	0	0	3.70		0.95	15	0.0	0		9	3	0
UPPER MARLBORO 3 NNW	78.5	58.5	68.5		92	29	45	12+	39	154	2	0	0	0	2.59		0.72	15	0.0	0		9	1	0
--DIVISIONAL DATA------->			69.6	6.0B											3.02	-1.42B								
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	76.7	58.3	67.5		91	30+	44	01	56	142	2	0	0	0	3.39		0.67	03	0.0	0		9	3	0
BRIGHTON DAM	75.1M	54.5M	64.8M		92	29	40	11	78E	78E	1	0	0	0	FA 2.22		1.23	15	M 0.0	0		6	1	1
CONOWINGO DAM	76.4	56.3	66.4		89	30	39	01	52	101	0	0	0	0	2.11		0.56	09				6	1	0
CYLBURN	73.8	57.4	65.6		88	30	44	01	67	91	0	0	0	0	MA 4.41		0.94	15				5	4	0
DAMASCUS 3 SSW	76.0M	57.8M	66.9M		88	29+	41	11	43E	109E	0	0	0	0	M 5.67		1.46	23				8	4	2
EMMITSBURG 2 SE	75.5	56.7	66.1		87	30+	41	01	64	106	0	0	0	0	4.88		1.38	22	0.0	0		9	3	2
FREDERICK 2 NNE	78.7	57.8	68.3		92	29	43	01	40	147	2	0	0	0	4.33		1.21	15				8	4	1
MILLERS 4 NE	78.0	56.6	67.3		89	28	43	18+	37	114	0	0	0	0	5.12		1.05	15	0.0	0		11	5	1
SMITHSBURG 2NW	77.0M	53.5M	65.3M		88	29	31	11	74E	91E	0	0	1	0	M 6.64		1.55	23				9	5	3
WESTMINSTER	76.5	56.8	66.7		91	30	41	11	61	123	2	0	0	0	3.53		0.89	15	0.0	0		9	2	0

MARYLAND AND DELAWARE
201205

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
--DIVISIONAL DATA------->			66.5	4.2B											3.89	-0.73B								
APPALACHIAN																								
MOUNTAIN 07																								
CUMBERLAND 2	80.6	55.4	68.0		93	27	40	11	46	148	5	0	0	0	4.08		1.26	28				9	2	1
FROSTBURG 2	72.8	52.5	62.7		85	04	38	11	110	46	0	0	0	0	5.97		1.34	28				13	4	1
SHARPSBURG 5 S	78.0	54.2	66.1		90	29	37	11	68	111	1	0	0	0	5.95		1.67	22				10	5	1
WILLIAMSPORT	79.3M	56.5M	67.9M		90	31+	42	11+	51E	151E	3	0	0	0	M 5.09		1.30	22	M	0		10	4	2
--DIVISIONAL DATA------->			66.2	5.9B											5.33	1.12B								
ALLEGHENY PLATEAU 08																								
OAKLAND 1 SE	73.6M	51.2M	62.4M		87	29+	31	11	125E	51E	0	0	1	0	M 4.06		0.65	14	M 0.0	0		11	2	0
SAVAGE RIVER DAM	73.8	52.8	63.3		86	30+	37	12+	102	56	0	0	0	0	3.87		1.07	28	M	0		11	2	1
SINES DEEP CREEK	73.3	48.8	61.1		84	29+	31	12+	143	29	0	0	2	0	4.60		0.70	15				13	3	0
--DIVISIONAL DATA------->			62.3	5.8B											4.24	-0.30B								
DELAWARE																								
NORTHERN 01																								
BEAR 2 SW	76.3	56.2	66.3		90	29	39	11	63	109	1	0	0	0	2.04		0.63	09	0.0	0		6	1	0
WILMINGTON NEW CASTLE CO AP	76.4	57.7	67.1		91	29+	44	11	51	122	2	0	0	0	2.25		0.54	15	0.0	0		8	1	0
WILMINGTON PORTER RES	75.9	55.6	65.8		90	29	42	01	59	92	1	0	0	0	3.26		0.89	14				9	3	0
--DIVISIONAL DATA------->			66.4	3.8B											2.52	-1.90B								
SOUTHERN 02																								
DOVER	76.2	58.4	67.3		90	29+	46	11+	47	124	2	0	0	0	2.29		0.77	30				6	1	0
--DIVISIONAL DATA------->			67.3	4.4B											2.29	-1.83B								

MARYLAND AND DELAWARE
201205

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	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCESS ANNE	M 2.49	0.04	0.55			-	-			1.00			-	-		0.38					-	-				0.17	-	-			0.35	
SALISBURY 2N	2.09	0.04	0.15	0.02						0.23	0.30				0.02	0.22	0.02					0.47	0.03		0.01	0.23	0.02				0.30	0.03
SALISBURY FAA AP	2.61	0.08	0.31	0.01	0.03	0.11				1.15	0.02				T	0.31					0.21	T		0.01	T						0.37	
SNOW HILL 4 N	4.95	0.04	0.22			1.05				0.85	1.35				T	0.45					T	0.30									0.69	
CENTRAL																																
EASTERN SHORE 02																																
ROYAL OAK 2 SSW	2.43	0.08	0.04		0.12		T		T	0.35	0.26				0.02	0.63	0.20					0.12	T	0.18							0.43	
LOWER SOUTHERN 03																																
MECHANICSVILLE 5 NE	M	0.14	0.19	-	-	-	-	-	-	-	0.13	0.30	-	-	0.03	0.40	2.52	-	-	-	-	0.21	0.04	0.02	-	-	-	-	0.02	-	0.24	-
SOLOMONS	2.61	T	0.68							0.01	0.38				0.04	0.40	0.44					0.02	0.01		0.05	T			0.09		0.38	0.11
UPPER SOUTHERN 04																																
BALTIMORE WASH INTL AP	1.99	0.07	T	0.04	T	0.02	T	T	0.10	0.26	T				0.15	0.39					0.04	0.56	T	T	T	T		0.24		0.12	T	
BELTSVILLE	2.70	0.10			0.04					0.10	0.48				0.09	0.92	0.04					0.29	0.15						0.18		0.31	
DALECARLIA RSVR	4.03	0.14	0.05				0.03			0.10	0.37				0.10	0.78	0.05					0.25	0.15	0.02	0.60	0.63			0.18		0.58	
LAUREL 3 W	3.69		0.32		0.39		0.01		0.03	0.58	0.03				0.31	0.80	0.09					0.42		0.03		0.03		0.33		0.28	0.04	
MARYLAND SCIENCE CENTER	2.44	0.19	0.03	0.31		0.06	0.01		0.08	0.65	0.01				0.11	0.34					0.01	0.33	0.02					0.01		0.28		
NATL ARBORETUM DC	3.05	0.18	0.01			0.01	T			0.46	0.40				0.10	0.93	0.10					0.18		0.05	0.03	0.02			0.12		0.46	
OXON HILL	3.70	0.11	0.05	T	0.01	0.23	0.01	T		0.23	0.54				0.04	0.95	0.20					0.03	0.03	0.02	0.13	T			0.19		0.93	
UPPER MARLBORO 3 NNW	2.59	0.09	0.02		0.18			0.15		0.14	0.25					0.72	0.07					0.25	0.11			0.01				0.14	0.46	
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	3.39	0.13	0.21	0.67	0.01		0.01			0.50	0.63				T	0.45	0.38					0.13	0.01		0.01	0.04					0.20	0.01
BRIGHTON DAM	FA 2.22	0.11	0.05		0.20		0.05			0.45^{L}	0.40^{L}_{a}				0.03	1.23						0.17	0.23	0.00^{L}	0.35^{L}_{a}				0.15	0.00^{L}	1.10^{L}_{a}	
CONOWINGO DAM	2.11	0.05	0.15	0.40						0.56	0.37					0.42						0.16										
CYLBURN	MA 4.41	*	*	*	0.78_{a}	0.01			0.02	0.82	0.44					0.94	0.01						0.60	T	T	T	-	*	*	0.08_{a}	0.71	
DAMASCUS 3 SSW	M 5.67		0.07		T		0.02		0.30	0.33	T			T	1.00	0.34						0.83	0.07	1.46	0.05			0.45	0.05	0.66	0.04	-
EMMITSBURG 2 SE	4.88	0.05	0.17	0.12	0.06	0.02			T	0.40	0.08				0.16	1.05	0.01					0.05	1.38		0.34	0.04		0.01	0.54		0.40	
FREDERICK 2 NNE	4.33	0.04	0.01		0.03					0.55	0.11				0.02	1.21	0.01					0.03	0.85	0.25	0.25	0.05			0.39		0.53	
MILLERS 4 NE	5.12	0.05	0.11	0.64	T	0.04	0.01	T	0.29	0.11	0.20				0.82	1.05						0.86	T	0.02	0.10	T			0.20		0.62	
SMITHSBURG 2NW	M 6.64		0.15		0.05					0.41					0.14	1.10						0.07	0.80	1.55	0.10			0.77		1.50	-	
WESTMINSTER	3.53	0.06	0.15	0.12			T					0.26				0.89	0.04					0.22	0.43		0.31				0.35		0.70	
APPALACHIAN																																
MOUNTAIN 07																																
CUMBERLAND 2	4.08	0.20	0.03	0.08	0.02	0.05			0.10	0.34	0.06				0.28	0.92							0.07	0.19	0.01	0.04		0.11	1.26		0.32	
FROSTBURG 2	5.97	0.19	0.11	0.06	0.08		0.79	0.01	0.17	0.45	0.13				0.47	0.90						0.13	0.15		T	0.16		0.77	1.34		0.06	
SHARPSBURG 5 S	5.95	0.09		0.78	0.09			T		0.32	0.10	0.02			0.08	0.83						0.10	1.67	0.37	0.06	0.71			0.55		0.18	
WILLIAMSPORT	M 5.09	0.19	0.11	0.18	-	-				0.26	0.11	0.01	-	-	-	-	0.02						1.30	0.35	0.65	0.03		0.01	0.87		1.00	
ALLEGHENY PLATEAU 08																																
OAKLAND 1 SE	M 4.06	0.02	0.30	0.35		0.11	0.26		0.30	0.45	0.22	0.05			0.65	0.64	0.02						0.02	0.40		0.05					0.22	-

MARYLAND AND DELAWARE
201205

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
SAVAGE RIVER DAM	3.87	0.25	0.30	0.17	0.02	0.07	0.18		0.22	0.30	T				0.05	0.77						0.03	0.14	T		0.07		0.12	1.07		0.11	
SINES DEEP CREEK	4.60	0.36	0.42	0.60		0.03	0.08		0.10	0.66	0.12			0.13	0.40	0.70							0.03	0.23	0.13	0.31					0.30	
DELAWARE																																
NORTHERN 01																																
BEAR 2 SW	2.04	0.11	0.14	0.34	T				0.07	0.63	0.06				0.14	0.43						0.01	T		0.03					0.07	0.01	
WILMINGTON NEW CASTLE CO AP	2.25	0.16	0.44	0.21	0.01				0.05	0.38	0.02				0.13	0.54	T					0.10	0.04		T					0.16	0.01	
WILMINGTON PORTER RES	3.26	0.16	0.08	0.21		0.03			0.05	0.52					0.89	0.18	0.10						0.20	0.62		0.04					0.12	0.06	
SOUTHERN 02																																
DOVER	2.29	0.02	T	0.15	T					0.18	0.35				0.02	0.49	0.01					0.20	T	0.07		0.01					0.77	0.02

MARYLAND AND DELAWARE
201205

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	24	MAX																																M
		MIN																																M
PRINCESS ANNE	17	MAX	83	67 I	77	84			72	72	77	74	69			77	83	83	80	77	78			77	81	83	85			89	89	85	86	80.0
		MIN	62	54	55	58			46	48	61	56	37			62	64	67	55	50	63			64	64	62	66			72	72	69	67	59.7
SALISBURY 2N	17	MAX	83	72	77	81	80	70	71	76	74	69	70	76	79	76	79	81	80	72	78	74	77	76	81	82	83	86	86	86	87	85	85	78.5
		MIN	57	55	53	57	63	56	45	58	65	54	45	48	57	60	67	67	62	47	46	51	62	62	63	62	67	64	66	72	73	69	64	59.3
SALISBURY FAA AP	24	MAX	84	65	79	83	84	71	72	78	71	69	72	78	81	78	82	84	76	74	79	74	77	77	81	83	84	87	89	89	90	78	87	79.2
		MIN	62	55	55	58	59	50	47	59	60	52	46	48	55	62	66	65	52	50	50	55	65	64	64	62	66	62	63	73	73	68	64	59.0
SNOW HILL 4 N	17	MAX	85	82	74	86	86	70	69	77	75	70	73	81	80	80	81	85	82	71	77	74	76	77	80	84	84	86	87	91	90	88	85	80.2
		MIN	42	58	54	52	57	52	49	58	64	54	41	42	54	62	65	63	62	42	45	51	63	63	64	59	63	61	61	71	71	70	66	57.4
CENTRAL																																		
EASTERN SHORE 02																																		
ROYAL OAK 2 SSW	17	MAX	83	82	75	80	81	72	70	73	71	69	71	78	80	73	80	80	74	74	79	77	79	78	81	81	86	84	86	90	89	88	82	78.9
		MIN	57	57	53	64	64	57	50	60	64	55	47	49	58	62	65	62	59	49	51	57	63	64	65	66	68	67	70	68	75	70	64	60.6
LOWER SOUTHERN 03																																		
MECHANICSVILLE 5 NE	07	MAX																																M
		MIN																																M
SOLOMONS	08	MAX	67	83	69	68	79	81	71	67	76	70	67	71	78	80	71	79	78	78	74	76	75	73	74	76	78	81	80	81	89	88	75	75.9
		MIN	53	63	55	57	65	59	56	59	65	55	52	55	63	61	63	63	65	56	57	59	64	64	66	66	65	67	69	71	73	69	67	62.0
UPPER SOUTHERN 04																																		
BALTIMORE WASH INTL AP	24	MAX	83	65	77	85	80	72	69	72	76	68	73	79	82	70	81	83	75	75	83	83	74	77	80	81	83	89	89	93	91	83	85	79.2
		MIN	58	56	54	60	60	59	53	59	58	45	44	50	54	62	65	62	53	47	49	51	64	62	63	67	69	66	68	66	69	66	64	58.8
BELTSVILLE	08	MAX	64	83	72	81	83	80	70	70	72	73	66	71	77	80	70	80	82	74	74	82	81	73	77	78	81	84	87	87	91	90	83	77.9
		MIN	50	60	55	57	59	59	54	58	64	53	43	44	52	61	62	60	60	47	48	52	63	64	63	67	70	65	65	64	69	67	64	58.7
DALECARLIA RSVR	08	MAX	69	83	84	82	82	75	75	69	72	73	65	72	79	78	69	78	83	82	73	81	79	79	79	81	81	87	88	88	93	93	89	79.4
		MIN	44	61	56	55	63	59	55	59	59	55	44	47	47	60	61	60	61	49	50	54	59	63	64	65	70	68	68	67	72	66	66	58.9
LAUREL 3 W	24	MAX	83	77	82	84	82	68	70	72	71	66	72	78	81	72	80	82	75	76	83	83	74	75	79	81	85	88	88	91	91	82	83	79.2
		MIN	55	58	53	60	62	58	52	58	57	51	48	57	58	60	63	63	58	50	51	51	62	61	64	66	70	67	68	66	68	66	65	59.5
MARYLAND SCIENCE CENTER	24	MAX	86	68	76	82	82	73	71	73	78	70	75	82	84	73	80	86	77	79	85	85	77	82	83	87	87	92	91	98	97	87	87	81.7
		MIN	59	58	57	62	65	61	59	62	61	57	53	59	62	65	68	66	62	60	60	67	67	68	70	69	73	71	73	73	72	73	72	64.6
NATL ARBORETUM DC	07	MAX	68	85	75	83	84	83	73	73	73	75	68	74	82	81	73	81	84	77	80	86	85	76	80	81	84	90	90	91	93	91	85	80.8
		MIN	51	62	55	56	62	60	54	58	62	54	49	49	48	60	61	62	62	50	49	54	51	64	65	65	69	64	68	69	74	67	67	59.4
OXON HILL	08	MAX	67	83	72	83	81	82	70	71	73	72	68	73	78	80	72	80	81	76	75	82	79	76	78	80	83	85	87	87	91	89	82	78.6
		MIN	50	59	54	54	61	59	53	55	59	54	50	48	48	61	61	61	62	49	51	55	60	64	64	64	67	66	67	66	71	67	65	58.9
UPPER MARLBORO 3 NNW	08	MAX	66	84	71	80	81	81	71	71	73	74	68	72	78	81	73	80	82	75	74	81	79	77	78	80	82	85	87	87	92	90	81	78.5
		MIN	49	61	54	55	61	59	51	55	62	52	45	45	55	61	62	60	60	46	48	51	63	63	63	66	68	65	66	65	72	67	63	58.5
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	07	MAX	61	81	58	71	76	78	67	66	71	76	67	72	79	81	72	79	81	74	74	82	81	76	77	79	82	84	86	87	91	91	79	76.7
		MIN	44	58	55	55	58	54	50	52	61	54	45	46	52	56	65	63	61	48	49	53	60	63	65	66	67	68	69	66	69	69	67	58.3

MARYLAND AND DELAWARE
201205

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	
BRIGHTON DAM	08	MAX	67	80	71	80	80	78	68	68	70	71	65	71	76	79	67	78	81	71	73	80		72						89	92			75.1
		MIN	49	58	53	53	58	58	53	56	62	49	40	43	50	59	59	59	56	44	47	51		61						68	67			54.5
CONOWINGO DAM	07	MAX	61	81	60	70	76	74	78	67	72	76	69	73	80	79	81	74	78	72	76	80	80	73	76	77	78	80	87	85	87	89	78	76.4
		MIN	39	57	53	57	60	56	49	52	60	51	46	45	48	56	62	61	58	48	50	50	54	62	61	61	64	65	65	63	64	66	63	56.3
CYLBURN	08	MAX	59	79	61	73	78	77	67	66	69	70	63	68	75	79	65	75	78	68	72	77	77	67	73	76	78	80	84	83	86	88	77	73.8
		MIN	44	57	52	55	58	57	52	57	59	51	47	48	52	59	60	62	56	48	49	53	58	61	62	64	66	66	67	63	66	66	63	57.4
DAMASCUS 3 SSW	22	MAX	80	74	82	80	76	67	67	66	70	61	68	76	80	68	77	80	69	74	78	80	68	75	74	80	83	86	86	88	88	80		76.0
		MIN	54	58	53	62	61	59	56	56	56	49	41	52	56	60	60	58	55	47	48	52	62	63	61	65	67	67	65	62	67	62		57.8
EMMITSBURG 2 SE	07	MAX	59	80	70	80	81	79	68	67	66	71	63	70	75	79	64	76	80	69	75	80	82	67	74	77	79	83	85	85	87	87	83	75.5
		MIN	41	53	54	54	60	61	57	56	58	51	46	44	51	54	59	59	54	46	46	53	60	63	63	64	65	66	67	63	65	63	62	56.7
FREDERICK 2 NNE	07	MAX	62	83	77	87	86	80	71	72	67	73	65	73	78	82	65	78	84	72	77	82	84	69	79	80	83	87	88	89	92	90	86	78.7
		MIN	43	55	55	55	61	60	59	58	59	53	48	46	48	57	61	61	56	46	50	52	56	64	63	64	67	67	69	65	66	65	64	57.8
MILLERS 4 NE	18	MAX	79	77	80	82	82	74	66	67	72	65	70	76	79	74	77	80	79	75	80	81	78	76	78	80	82	85	86	89	88	82	78	78.0
		MIN	54	56	52	58	58	57	52	56	62	49	43	46	50	58	60	59	51	43	46	51	62	61	59	62	65	65	67	61	68	64	60	56.6
SMITHSBURG 2NW	08	MAX	60	71	78	85		78		70		69	61	70	75	71		75	80	80	78	82	81	67	76	81	84	86	86	87	88		82	77.0
		MIN	45	54	54	55	56	58		57		49	31	41	48	58		52	51	43	41	51	46	62	60	64	64	65	61	62	60		57	53.5
WESTMINSTER	07	MAX	59	81	66	81	83	78	69	67	68	73	65	70	77	82	65	78	82	71	75	81	82	67	75	77	80	83	87	87	90	91	83	76.5
		MIN	45	56	53	54	60	58	54	55	57	51	41	45	50	56	60	61	53	46	48	52	59	63	63	64	65	67	69	63	65	66	62	56.8
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	18	MAX	74	85	88	91	86	79	81	76	71	68	66	74	78	76	63	77	85	75	79	83	85	71	83	80	83	90	93	89	92	92	86	80.6
		MIN	43	56	61	61	61	61	62	59	58	50	40	41	45	57	58	53	50	43	46	50	55	63	58	59	62	62	65	61	62	58	57	55.4
FROSTBURG 2	07	MAX	69	77	79	85	80	71	73	73	68	62	57	65	71	70	58	67	76	67	72	76	79	63	75	73	74	80	74	79	84	84	77	72.8
		MIN	44	57	58	58	56	57	58	56	53	43	38	40	43	52	53	53	43	42	45	46	53	57	56	57	57	60	62	60	64	53	53	52.5
SHARPSBURG 5 S	07	MAX	62	83	82	86	85	78	72	68	69	72	64	72	77	80	64	77	83	73	76	82	83	68	79	80	82	84	88	87	90	89	84	78.0
		MIN	39	56	55	55	57	58	59	59	59	45	37	38	42	54	60	55	52	40	41	47	51	63	61	61	63	64	66	62	62	61	57	54.2
WILLIAMSPORT	06	MAX	60	82	81			86	86	67	68	73	65					76	83	72	77	82	84	68	78	80	82	85	89	88	90	90	90	79.3
		MIN	42	54	58			59	59	59	59	51	42					57	53	45	44	49	53	63	61	61	65	65	66	64	64	61	59	56.5
ALLEGHENY PLATEAU 08																																		
OAKLAND 1 SE	07	MAX	74	75	79	84	75	69	77	76	64	63	57	64	71	68	60	70	75	69	70	74	76	70	74	74	72	83	86	87	87	85		73.6
		MIN	47	57	53	56	54	53	56	57	54	44	31	35	43	52	54	49	44	40	41	45	50	58	58	56	54	57	62	60	61	55		51.2
SAVAGE RIVER DAM	08	MAX	69	76	79	85	78	71	73	71	69	65	60	65	71	71	61	70	76	67	70	75	78	66	74	74	72	83	85	82	86	86	80	73.8
		MIN	46	56	57	57	57	59	60	58	54	49	37	37	42	53	55	52	48	40	41	43	50	59	56	57	59	59	62	62	63	56	52	52.8
SINES DEEP CREEK	07	MAX	75	74	78	83	75	70	76	78	66	61	57	64	70	70	60	68	74	69	72	76	79	71	72	73	71	80	83	84	84	83	77	73.3
		MIN	45	56	53	53	53	54	55	54	52	45	31	31	35	49	53	48	43	38	38	40	45	54	57	52	53	53	56	58	58	54	48	48.8
DELAWARE																																		
NORTHERN 01																																		
BEAR 2 SW	24	MAX	79	60	69	79	73	66	63	73	75	67	71	77	80	69	78	81	73	75	80	79	73	75	78	80	82	86	86	89	90	78	82	76.3
		MIN	55	54	52	58	59	52	48	51	57	45	39	43	50	62	64	62	53	46	45	49	62	61	59	66	67	63	66	63	69	63	59	56.2
WILMINGTON NEW CASTLE CO AP	24	MAX	80	62	67	76	71	65	64	71	76	68	71	78	80	69	76	81	74	75	80	80	73	76	78	81	81	85	86	91	91	78	84	76.4
		MIN	56	52	51	57	59	51	49	57	56	48	44	48	56	62	63	64	54	48	47	51	61	63	63	65	67	67	69	64	69	67	61	57.7

MARYLAND AND DELAWARE
201205

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	
WILMINGTON PORTER RES	24	MAX	76	66	65	79	68	68	66	70	73	64	68	77	79	79	79	80	80	72	77	77	69	73	80	81	81	85	86	89	90	78	79	75.9
		MIN	42	52	50	56	58	51	49	57	55	49	48	48	48	48	48	48	48	53	52	57	60	61	62	65	67	66	66	65	65	67	64	55.6
SOUTHERN 02																																		
DOVER	16	MAX	80	58	68	79	73	65	66	75	72	71	71	77	81	71	80	84	72	70	81	75	70	78	76	80	81	84	86	90	90	76	81	76.2
		MIN	54	54	51	56	58	51	46	57	62	52	46	51	59	60	64	62	55	50	50	52	62	62	62	63	66	65	68	67	72	68	64	58.4

MARYLAND AND DELAWARE
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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																																
ASSATEAGUE	SNOWFALL																															
PRINCESS ANNE	SNOWFALL																															
SALISBURY 2N	SNOWFALL																															
SALISBURY FAA AP	SNOWFALL																															
SNOW HILL 4 N	SNOWFALL																															
DELAWARE																																
NORTHERN 01																																
BEAR 2 SW	SNOWFALL																															
	SN ON GND																															
WILMINGTON NEW CASTLE CO AP	SNOWFALL																															
	SN ON GND																															
WILMINGTON PORTER RES	SNOWFALL																															

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)

MARYLAND AND DELAWARE
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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	44	37	53	31	24	51	26	76	59	52	83	53	-	81	30	22	35	39	31	27	72	25	18	28	48	34	30	46	34	63	29	1324E
	EVAP	0.09	0.13	0.15	0.14	0.12	0.16	0.11	0.19	0.05	0.13	0.23	0.16	-	0.43	0.01	0.15	0.20	0.25	0.22	0.12	0.27	0.01	0.09	0.11	0.22	0.20	0.15	0.30	0.24	0.31	0.17	5.28E
	MAX	85	85	82	88	86	86	77	76	74	78	73	80	-	90	73	88	91	87	86	91	87	75	85	87	94	96	94	95	98	95	89	85.0
	MIN	47	64	56	56	62	61	56	55	57	52	44	45	-	51	60	63	61	52	52	52	56	63	64	66	67	66	62	66	67	68	65	58.5
UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	EVAP	2.45	2.32	2.19	2.25	-	-	2.06	1.89	1.95	2.09	1.90	-	1.50	1.30	1.96	1.97	1.71	1.51	-	-	1.24	1.30	1.21	1.11	0.90	-	-	-	1.28	1.44	1.30	52.34E
	MAX	88	88	79	89	83	89	78	76	75	78	78	83	87	89	77	89	91	90	88	93	84	81	86	85	93	95	99	98	101	97	89	86.3
	MIN	50	58	57	57	64	62	56	56	58	55	47	48	51	58	62	63	62	52	53	54	58	65	65	66	69	68	68	67	69	69	65	59.7
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M

Evaporation: Is measured in hundreths of inches.
Wind: Is measured in miles.
Max and Min: The maximum and minimum tempertures (Fahrenheit) 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)
MARYLAND										
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	07	07		CH
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	24	24		H
BALTIMORE WASH INTL AP R	0465	04	ANNE ARUNDEL	39 10	76 41W	156	24	24		HJ
BELTSVILLE	0700	04	PRINCE GEORGE'S	39 2	76 56W	145	08	08	08	CH
BRIGHTON DAM	1125	06	MONTGOMERY	39 11	77 0W	330	08	08		H
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	07	07		H
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	18	18		H
CYLBURN	2308	06	BALTIMORE	39 21	76 39W	235	08	08		H
DALECARLIA RSVR	2325	04	DISTRICT OF COLUMBIA	38 56	77 7W	150	08	08		H
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	700	22	22		H
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 17W	403	07	07		H
FREDERICK 2 NNE	3353	06	FREDERICK	39 26	77 24W	280	07	07		H
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	07	07		H
LAUREL 3 W	5111	04	PRINCE GEORGE'S	39 5	76 54W	400	24	24		H
MARYLAND SCIENCE CENTER R	5718	04	BALTIMORE (CITY)	39 17	76 37W	20	24	24		H
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 28	76 42W	100	07	07		H
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		CH
NATL ARBORETUM DC	6350	04	DISTRICT OF COLUMBIA	38 55	76 58W	50	07	07		H
OAKLAND 1 SE	6620	08	GARRETT	39 25	79 24W	2420	07	07		H
OXON HILL	6800	04	PRINCE GEORGE'S	38 47	76 60W	120	08	08		H
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17		H
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	17	17		H
SALISBURY 2N	8004	01	WICOMICO	38 24	75 36W	20	17	17		H
SALISBURY FAA AP	8005	01	WICOMICO	38 20	75 31W	48	24	24		H
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08	CH
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	07	07		H
SINES DEEP CREEK	8315	08	GARRETT	39 31	79 25W	2040	07	07		H
SMITHSBURG 2NW	8371	06	WASHINGTON	39 40	77 35W	670	08	08		H
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17		H
SOLOMONS	8405	03	CALVERT	38 19	76 27W	12	08	08		H
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORGE'S	38 51	76 46W	130	08	08	08	H
WESTMINSTER	9440	06	CARROLL	39 34	76 59W	750	07	07		H
WILLIAMSPORT	9570	07	WASHINGTON	39 37	77 51W	360	06	06		H
DELAWARE										
BEAR 2 SW	1200	01	NEW CASTLE	39 36	75 44W	80	24	24		H
DOVER	2730	02	KENT	39 15	75 31W	30	16	16		H
WILMINGTON NEW CASTLE CO AP R	9595	01	NEW CASTLE	39 40	75 36W	79	24	24		HJ
WILMINGTON PORTER RES	9605	01	NEW CASTLE	39 46	75 32W	270	24	24		H

REFERENCE NOTES

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 temperature and/or precipitation. Station Precipitation totals flagged with an 'F' or 'M' are excluded from the Divisional Average calculations of precipitation. Stations with monthly Temperature averages flagged with an 'F' or 'M' are included in the Divisional Average if there are no more than 9 flagged or missing daily values in the month, else they are excluded from the divisional average for temperature.

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 2012, the averaging period is 1981 to 2010. 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 flag precipitation data that are spatially inconsistent, exceed climatological limits, or are inconsistent with prevailing weather patterns.

TEMPERATURE: Original temperature values are given in the "Daily Temperature" table. 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

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.
VAR Observation time varies.
SR Observation time near sunrise.
SS Observation time near sunset.

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

- No record. Data not recorded or not received in time for publication.
+ Precipitation or temperature extremes occurred on one or more previous dates during the month.
* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution may not be known. A * preceding the monthly total indicates precipitation amount is being carried forward to next month's total, and may include amounts from the previous month(s).
a As a subscript, indicates accumulated total.
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 Divisional Departure from normals are computed using 1971-2000 normals.
E Normalized HDD/CDD Calculation. E is appended to the HDD/CDD Calculation when 1-9 individual daily TMAX and/or TMIN values are missing and a Normalized HDD/CDD Calculation is provided. M appears alone if 10 or more daily values are missing.
F Monthly calculation flagged value. F is appended to average and/or total values computed which exclude one or more daily data values that have been flagged by the GHCN-Daily Dataset
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).
N Indicates snow fall or Snowdepth totals are computed with one or more missing days.
R Amounts from recording rain gage.
T Trace. An amount too small to measure.

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 digitally.

Effective with the January 2011 Data-Month, COOP Observer Names are no longer included in the Monthly and Annual Climatological Data Publications. This information is not published to ensure the privacy of personal information pursuant to Section 208 of the E-Government Act of 2002 (44 USC 3601).

As of the 2011 Data-Year, Station and Climate Division Maps are no longer being included in the CD Publications. NCDC's Product Development Branch provides updated Station Maps for various data networks via the Historical Observing Metadata Repository: http://www.ncdc.noaa.gov/homr.

The GHCN-Daily Quality Control Flags shown below are displayed as superscripts with the data. For more Information on Global Historical Climatology Network - Daily and flags, see:
http://www.ncdc.noaa.gov/oa/climate/ghcn-daily/
and
Comprehensive Automated Quality Assurance of Daily Surface Observations.
Durre, Imke, Matthew J. Menne, Byron E. Gleason, Tamara G. Houston,
Russell S. Vose, 2010: J. Appl. Meteor. Climatol., 49, 16151633.
doi: 10.1175/2010JAMC2375.1

Blank = Passed All checks
D = failed duplicate check
G = failed gap check
I = failed internal consistency check
K = failed streak/frequent-value check
L = failed check on length of multiday period
M = failed megaconsistency check
N = failed naught check
O = failed climatological outlier check
R = failed lagged range check
S = failed spatial consistency check
T = failed temporal consistency check
W = temperature too warm for snow
X = failed bounds check

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.

For Information Call:

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NOAA\National Climatic Data Center
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NCDC now offers free online access to the ***Climatological Data*** **publication.**
Go to : **www.ncdc.noaa.gov** and choose Most Popular.