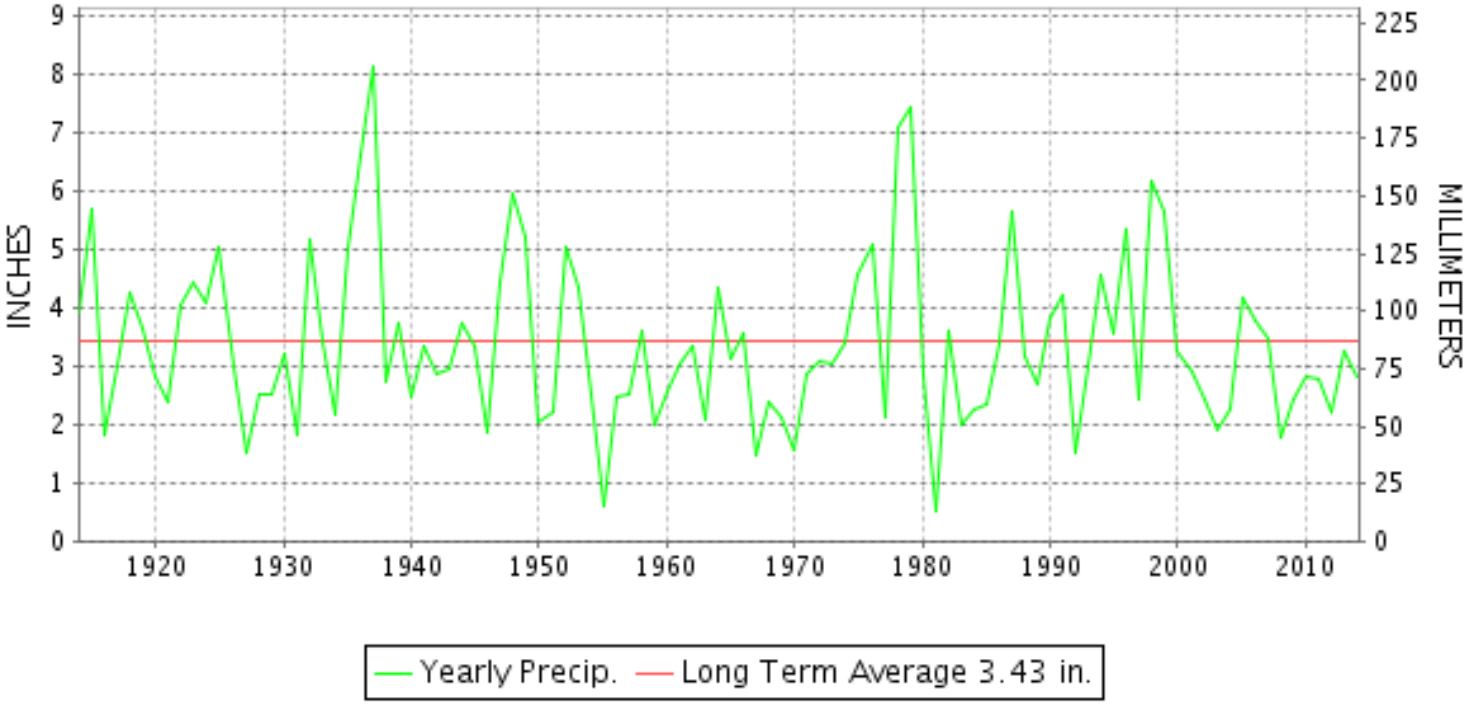
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JANUARY 2014

VOLUME 118 NUMBER 01
ISSN 0145-0549
GHCND Ver: 3.12-upd-2014060505

JANUARY PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	69	JANUARY 11	SALISBURY FAA AP
LOWEST TEMPERATURE	-13	JANUARY 08+	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	4.67		LAUREL 3 W
LEAST TOTAL PRECIPITATION	0.81		CUMBERLAND 2
GREATEST 1 DAY PRECIPITATION	2.00	JANUARY 02	LAUREL 3 W
GREATEST TOTAL SNOWFALL	45.5		OAKLAND 1 SE
GREATEST DEPTH OF SNOW OR ICE	24		OAKLAND 1 SE

"I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA)
It is compiled using information from weather observing sites supervised by NOAA/National Weather Service
and received at the National Climatic Data Center(NCDC), Asheville, North Carolina 28801."

Director
National Climatic Data Center

noaa
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data and Information Service
National Climatic Data Center Asheville, North Carolina

DELAWARE

HIGHEST TEMPERATURE	64	JANUARY 11	DOVER
LOWEST TEMPERATURE	1	JANUARY 22	WILMINGTON PORTER RES
GREATEST TOTAL PRECIPITATION	3.23		WILMINGTON NEW CASTLE CO AP
LEAST TOTAL PRECIPITATION	2.36		DOVER
GREATEST 1 DAY PRECIPITATION	0.70	JANUARY 21+	2 STATIONS
GREATEST TOTAL SNOWFALL	17.5		WILMINGTON NEW CASTLE CO AP
GREATEST DEPTH OF SNOW OR ICE	10		WILMINGTON NEW CASTLE CO AP

MARYLAND AND DELAWARE
201401

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								0	0	0	0	M				0.0					
PRINCESS ANNE	47.4M	20.8M	34.1M	-2.1	65	06+	2	23+	954E	0	0	4	19	0	M 2.61	-0.97	0.94	10	0.0			5	3	0
SALISBURY 2N	44.4	22.2	33.3		68	11	-1	30	974	0	0	6	24	1	3.33		0.68	14	13.0	4	29	9	2	0
SALISBURY FAA AP	43.8	20.6	32.2	-3.2	69	11	-6	30	1010	0	0	7	27	1	2.13	-1.48	0.70	11	11.5	4	30	7	1	0
SNOW HILL 4 N	45.9	21.1	33.5	-3.8	64	12+	0	23	970	0	0	4	24	1	M 2.15	-1.42	0.56	14	M 10.5	5	29	5	1	0
--DIVISIONAL DATA------->			33.3	-2.7B											2.73	-1.27B								
CENTRAL																								
EASTERN SHORE 02																								
ROYAL OAK 2 SSW	41.4	21.3	31.3	-5.0	61	11	0	30	1036	0	0	8	26	1	3.38	-0.22	0.63	10	13.0	4	03	9	3	0
--DIVISIONAL DATA------->			31.3	-3.5B											3.38	-0.60B								
LOWER SOUTHERN 03																								
MECHANICSVILLE 5 NE	39.7	16.7	28.2	-5.8	64	12	1	24+	1130	0	0	9	30	0	3.33	0.10	0.62	11	M 10.5	4	22	9	3	0
SOLOMONS	42.4M	24.1M	33.2M	-4.1	60	11+	7	07	977E	0	0	7	17	0	A 2.93		0.91	12	M 7.4	2	31	7	2	0
--DIVISIONAL DATA------->			30.7	-3.3B											3.13	-0.59B								
UPPER SOUTHERN 04																								
BALTIMORE WASH INTL AP	37.0	17.8	27.4	-5.5	58	13	3	23+	1157	0	0	12	28	0	2.71	-0.34	0.75	11	9.8	4	22	7	2	0
BELTSVILLE	36.7	18.1	27.4	-5.5	58	14	2	23	1157	0	0	12	28	0	2.41	-0.45	0.59	12	7.5	4	22	7	2	0
DALECARLIA RSVR	38.4	18.2	28.3	-5.9	59	14	3	07	1128	0	0	10	29	0	2.91	-0.11	0.80	14	FM 4.7	3	22	8	2	0
LAUREL 3 W	36.7	19.0	27.9	-5.7	58	20	1	07	1143	0	0	12	26	0	4.67	1.51	2.00	02	0.0			6	3	1
MARYLAND SCIENCE CENTER	37.5	22.6	30.0	-5.8	54	12+	4	07	1075	0	0	11	25	0	2.53	-0.39	0.71	11	0.0			7	1	0
NATL ARBORETUM DC	38.7M	20.7M	29.7M	-5.8	59	14	5	08+	1085E	0	0	9	24	0	A 1.97	-1.12	0.54	12	M 7.4	4	22	5	1	0
OXON HILL	38.4	19.9	29.1	-6.0	60	14	4	08+	1104	0	0	11	26	0	2.50	-0.52	0.73	11	9.4	5	22	6	2	0
UPPER MARLBORO 3 NNW	39.0	16.8	27.9	-5.6	64	12	1	31+	1143	0	0	10	27	0	2.21	-0.67	0.55	11	M 8.5	4	04	7	1	0
--DIVISIONAL DATA------->			28.5	-4.8B											2.74	-0.81B								
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	36.3	17.5	26.9	-6.7	61	12	3	31+	1176	0	0	12	28	0	2.47	-0.69	0.54	11	14.5	6	22	6	2	0
BRIGHTON DAM	34.9M	16.0M	25.4M		55	14	1	23+	1218E	0	0	12	28	0	A 3.47		0.82	11	M 13.0	7	23	7	2	0
CONOWINGO DAM	32.8	15.4	24.1	-7.8	56	12	1	08+	1262	0	0	17	30	0	3.79	0.35	0.74	12	M 44.0			16	3	0
CYLBURN	36.5M	17.9	27.2M	-5.4	57	17	0	08+	1154E	0	0	9	27	2	MA 2.39		0.51	11	M 10.4	5	23	4	1	0
DAMASCUS 3 SSW	35.0	17.6	26.3	-5.1	54	13	-1	07	1191	0	0	13	27	2	3.38	0.01	1.15	11	14.3	7	21	7	1	1
EMMITSBURG 2 SE	33.9	13.8	23.8	-6.4	50	14	-1	31+	1267	0	0	12	30	7	3.13	-0.05	0.80	06	9.5	0		8	3	0
FREDERICK 2 NNE	M	M	M								0	0	0	0	M				0.0					
MILLERS 4 NE	34.7	16.1	25.4	-4.7	54	13	-3	07	1221	0	0	12	28	5	3.40	0.19	1.36	11	15.9	7	21	8	1	1
SMITHSBURG 2NW	M	M	M								0	0	0	0	M				0.0					
--DIVISIONAL DATA------->			25.6	-5.6B											3.27	-0.33B								

MARYLAND AND DELAWARE
201401

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
APPALACHIAN																								
MOUNTAIN 07																								
CUMBERLAND 2	34.0	13.7	23.8	-8.1	51	14+	-3	08+	1267	0	0	13	30	4	0.81	-1.85	0.20	22	M 7.3	4	28	5	0	0
FROSTBURG 2	28.3	8.9	18.6	-7.4	53	14	-12	08+	1431	0	0	18	31	10	1.25	-2.07	0.24	22	M 14.4	M 7	27	5	0	0
SHARPSBURG 5 S	M	M	M								0	0	0	0	M				0.0					
WILLIAMSPORT	33.8M	15.3M	24.6M	-6.3	52	14	0	08+	1248E	0	0	13	28	2	M 1.56	-1.44	0.42	22	M 8.4	5	22	6	0	0
--DIVISIONAL DATA------->			22.3	-6.7B											1.03	-2.07B								
ALLEGHENY PLATEAU 08																								
OAKLAND 1 SE	32.8M	9.6M	21.2M	-3.9	60	12	-13	08+	1353E	0	0	12	28	9	M 2.89	-0.65	0.36	22	M 45.5	24	27	13	0	0
SAVAGE RIVER DAM	31.0M	11.6M	21.3M	-6.0	51	14	-6	30+	1347E	0	0	13	25	8	M 0.92	-1.83	0.29	22	M 9.0	6	30	4	0	0
SINES DEEP CREEK	28.7M	8.7M	18.7M		53	14	-12	30+	1427E	0	0	15	30	10	M 2.86		0.45	12	M 30.5	14	26	12	0	0
--DIVISIONAL DATA------->			20.4	-5.4B											M	B								
DELAWARE																								
NORTHERN 01																								
WILMINGTON NEW CASTLE CO AP	36.7	18.0	27.4	-5.0	62	11	3	30+	1157	0	0	12	28	0	3.23	0.22	0.70	21	17.5	10	22	8	2	0
WILMINGTON PORTER RES	35.5M	17.4M	26.5M	-5.3	59	11	1	22	1187E	0	0	12	28	0	M 2.45	-1.26	0.48	11	M 12.3	8	22	8	0	0
--DIVISIONAL DATA------->			27.0	-4.7B											3.23	-0.47B								
SOUTHERN 02																								
DOVER	41.1M	21.9M	31.5M	-3.7	64	11	2	23	1032E	0	0	7	22	0	MA 2.36	-1.05	0.70	11	M 15.3	2	24	5	2	0
--DIVISIONAL DATA------->			31.5	-3.1B											M	B								

MARYLAND AND DELAWARE
201401

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 2.61		0.59			-					0.94	-	-	0.50	0.12				-	-		0.46				-	-				-	-
SALISBURY 2N	3.33		0.08	0.30			0.65		0.02	0.01	0.23	0.36	0.38	0.02	0.68	0.01						0.10	0.22						0.27		
SALISBURY FAA AP	2.13		0.18	0.30		0.02	0.15				0.02	0.70			0.31				T			0.20	0.12			T			0.07	0.06		
SNOW HILL 4 N	M 2.15			0.43							0.07	0.44	0.29		0.56				0.06			T	0.30			T				-		
CENTRAL																																
EASTERN SHORE 02																																
ROYAL OAK 2 SSW	3.38		T	0.35		0.02	0.57				0.63	0.60	0.05		0.26	0.26	0.02					0.10	0.25			0.05				0.22		
LOWER SOUTHERN 03																																
MECHANICSVILLE 5 NE	3.33			0.52		T	0.20	0.20			0.17	0.62	0.51		0.04	0.16	0.29	0.07	T	T			0.47				T			0.08		
SOLOMONS	A 2.93			0.43			0.61	0.01			0.16		0.91		0.05	0.27	0.02	*	0.00_a				0.17			*	*	*	0.00_a	0.30		
UPPER SOUTHERN 04																																
BALTIMORE WASH INTL AP	2.71		0.39	0.05		0.11	0.15				0.53	0.75			0.28		T		T			0.42		T		T	T		T	0.03		
BELTSVILLE	2.41			0.31		T	0.33				0.21	0.54	0.59		0.04	0.24							0.13							0.02		
DALECARLIA RSVR	2.91			0.22			0.29				0.10	0.26	0.79		0.80		0.30						0.10							0.05		
LAUREL 3 W	4.67		2.00			0.14					0.85	0.92	0.02		0.31							0.43									
MARYLAND SCIENCE CENTER	2.53		0.36	0.03		0.11	0.20				0.49	0.71			0.32							0.28			0.01				0.02		
NATL ARBORETUM DC	A 1.97	*	0.00_a	0.05		*	0.17_a	T			0.33	0.15	0.54		0.08	0.31	T						0.29							0.05		
OXON HILL	2.50			0.31		T	0.21	0.07			0.07	0.73	0.59		0.02	0.19	0.01		T				0.25		T		T			0.05		
UPPER MARLBORO 3 NNW	2.21			0.39			0.26				0.14	0.55	0.46			0.15	0.09						0.12							0.05		
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	2.47			0.43		0.03	0.24	0.01			T	0.54	0.53		0.05	0.18	0.02						0.39				0.03	T		0.02		
BRIGHTON DAM	A 3.47			0.40			0.33				0.20	0.82	0.65		0.10	0.32							*	0.60_a						0.05		
CONOWINGO DAM	3.79			0.10	0.10	0.10	0.72					0.67	0.74			0.30							0.26	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
CYLBURN	MA 2.39			-			0.48				0.04	0.51	*	*	0.68_a	0.21			T				0.44				T			0.03		
DAMASCUS 3 SSW	3.38		0.48	0.07		0.30	0.17				0.48	1.15			0.26	T			0.05	T		0.40	T	T		T	T		T	0.02		
EMMITSBURG 2 SE	3.13			0.35			0.80				0.10	0.30	0.55		0.08	0.10			0.50				0.35		T		T			T		
FREDERICK 2 NNE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLERS 4 NE	3.40		0.19	0.33		0.28	0.27				0.18	1.36	T		0.14		T		0.05			0.47	0.07	T		0.02	0.01			0.03		T
SMITHSBURG 2NW	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APPALACHIAN																																
MOUNTAIN 07																																
CUMBERLAND 2	0.81			0.10			T	0.01			0.04	0.01	0.10		0.01	0.02			0.01	T	T	0.11	0.20				0.02	0.17	0.01			
FROSTBURG 2	1.25	T		0.11			0.08	T		T	0.05	0.01	0.17		0.01	0.04			0.09	0.02	0.01	0.16	0.24	T	T		0.09	0.13	0.04			
SHARPSBURG 5 S	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLIAMSPORT	M 1.56	-		0.22	0.06		0.30					0.15	0.12		0.04	0.20			0.04				0.42				0.01					
ALLEGHENY PLATEAU 08																																
OAKLAND 1 SE	M 2.89	0.01		0.05	0.02			0.17	0.01	0.02	0.02	0.10	0.31		0.10			0.01	0.15	0.20	0.24	0.10	0.36	0.05	0.15		0.32	0.32	0.18	-	-	-
SAVAGE RIVER DAM	M 0.92	-	-	0.14			T	0.08		-	T		0.22			T			T	T	T	0.10	0.29	-	T		-	0.09	T			

MARYLAND AND DELAWARE
201401

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
SINES DEEP CREEK	M 2.86	0.07		0.15		-	0.25	0.10		0.04	0.10		0.45		0.17	0.13			0.19	0.08	0.06	T	0.40	0.02	0.08		0.21	0.16	0.20			
DELAWARE																																
NORTHERN 01																																
WILMINGTON NEW CASTLE CO AP	3.23		0.40	0.10		0.18	0.36				0.41	0.68			0.25	T	T		T			0.70				0.08	T		T	0.07		
WILMINGTON PORTER RES	M 2.45		0.13	0.05		0.30	0.37				0.44	0.48			0.33	0.06	T		-			0.13				0.11	0.01	-	T	0.04		
SOUTHERN 02																																
DOVER	MA 2.36			0.35			0.36				0.52	0.70			0.34							-	*	*	*	*	*	0.09[a]		-	-	-

MARYLAND AND DELAWARE
201401

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	VA	MAX																																M
		MIN																																M
PRINCESS ANNE	17	MAX	49	46	43	65		65	49	32	42	55			61	59	54	51	51			57	54	40	27	22			52	48	20			47.4
		MIN	25	28	14	19		19	9	10	24	31			31	39	35	28	27			36	18	2	2	12			27	14	8			20.8
SALISBURY 2N	17	MAX	48	43	39	40	59	63	37	29	40	44	68	67	59	55	56	52	50	45	47	54	52	26	33	24	31	34	49	36	20	32	45	44.4
		MIN	24	29	16	8	28	36	8	9	20	27	43	37	30	49	35	35	27	29	22	33	26	5	6	7	14	18	29	16	11	-1	11	22.2
SALISBURY FAA AP	24	MAX	49	45	34	37	63	65	20	32	42	54	69	57	62	56	56	44	51	48	50	57	42	19	27	22	35	40	52	27	21	33	48	43.8
		MIN	24	29	13	9	32	18	10	10	24	29	53	31	30	40	34	28	26	23	22	37	19	2	1	12	16	21	27	14	3	-6	7	20.6
SNOW HILL 4 N	17	MAX	49	46	44	39	58	62	39	33	42	43	64	64	61	54	56	52	51	46	50	57	54	34	28	26	32	38	52	41	20	39	49	45.9
		MIN	21	22	11	5	23	39	8	6	16	24	42	37	27	48	33	35	24	32	18	35	28	5	0	4	21	18	27	18	12	9	5	21.1
CENTRAL																																		
EASTERN SHORE 02																																		
ROYAL OAK 2 SSW	17	MAX	48	42	37	35	47	58	35	28	40	40	61	53	57	51	54	43	48	44	49	55	47	22	27	22	32	33	47	32	21	32	42	41.4
		MIN	23	28	17	8	29	35	7	10	19	25	36	34	27	40	32	31	24	28	20	37	22	9	7	11	18	20	29	15	11	0	9	21.3
LOWER SOUTHERN 03																																		
MECHANICSVILLE 5 NE	07	MAX	47	46	41	22	35	58	47	18	30	37	40	64	52	59	49	53	39	47	47	50	56	35	16	28	22	33	41	52	17	22	29	39.7
		MIN	23	23	15	7	7	32	5	5	6	26	31	30	28	28	33	30	26	26	21	21	28	6	1	1	3	14	16	13	10	2	2	16.7
SOLOMONS	08	MAX	42	43	43	36	54	60	60	18	31	38	60	52	52	55	48	49		43	49	54	54	35	17	27				51	22	22	29	42.4
		MIN	28	35	18	18	35	34	7	8	18	31	33	40	32	41	36	33		24	24	38	35	9	10	11				15	11	11	16	24.1
UPPER SOUTHERN 04																																		
BALTIMORE WASH INTL AP	24	MAX	44	36	27	32	37	45	16	29	36	37	57	51	58	53	45	40	44	35	47	53	39	15	24	20	31	30	47	19	22	29	49	37.0
		MIN	23	28	9	6	17	8	3	6	25	29	35	29	25	36	32	25	23	20	20	33	14	4	3	6	19	13	19	11	9	5	17	17.8
BELTSVILLE	08	MAX	46	45	36	22	32	46	45	16	28	38	37	50	49	58	49	48	38	48	30	47	54	33	15	23	22	32	40	49	16	16	31	36.7
		MIN	24	28	15	7	8	31	4	4	13	26	32	34	27	28	33	33	25	25	20	21	29	5	2	3	8	19	19	10	10	10	9	18.1
DALECARLIA RSVR	08	MAX	46	46	46	21	32	45	47	17	26	37	37	53	53	59	48	49	49	47	47	39	50	33	16	26	24	33	40	52	16	23	32	38.4
		MIN	25	29	15	12	12	22	3	4	8	26	30	36	27	29	33	32	27	28	22	22	30	6	5	5	8	16	20	9	9	7	8	18.2
LAUREL 3 W	24	MAX	43	35	28	31	37	45	14	27	38	35	52	51	57	52	48	39	45	34	46	58	38	14	21	20	31	30	47	21	22	30	49	36.7
		MIN	25	28	13	11	11	10	1	7	23	29	35	39	32	41	36	30	28	21	20	35	12	3	6	6	9	16	21	8	9	16	8	19.0
MARYLAND SCIENCE CENTER	24	MAX	46	37	27	33	42	48	15	30	37	39	54	54	53	53	47	40	43	39	45	53	40	16	25	21	32	32	49	20	22	28	42	37.5
		MIN	29	28	16	15	27	10	4	12	28	31	39	39	33	42	35	32	30	24	24	37	17	6	11	10	19	19	20	12	12	16	24	22.6
NATL ARBORETUM DC	07	MAX		47	38	25		50	49	18	29	38	42	58	53	59	50	51	40	49	31	48	56	35	19	12	24	34	41	51	18	24	34	38.7
		MIN		30	16	12		36	5	5	14	27	33	39	29	29	38	34	28	30	21	25	32	7	7	9	11	19	20	12	11	9	12	20.7
OXON HILL	08	MAX	46	48	37	21	34	47	46	19	28	37	40	58	53	60	51	47	40	48	30	49	56	34	17	26	23	32	40	50	16	24	32	38.4
		MIN	26	28	15	12	11	34	4	4	12	26	31	40	31	32	38	33	27	29	21	20	34	8	6	7	9	18	17	12	11	10	12	19.9
UPPER MARLBORO 3 NNW	08	MAX	46	48	36	23	34	51	47	18	31	38	36	64	52	59	49	49	41	49	31	49	57	34	17	28	23	33	42	53	16	24	32	39.0
		MIN	24	26	16	5	5	33	4	3	6	23	31	36	26	25	33	33	24	25	19	18	28	6	2	2	7	19	18	12	9	1	1	16.8
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	07	MAX	41	41	37	20	30	46	47	12	27	37	41	61	48	56	49	43	41	44	33	43	53	31	16	24	23	28	33	48	20	22	29	36.3
		MIN	22	25	13	3	6	29	3	3	7	25	32	41	27	27	33	33	25	26	21	21	31	3	3	8	9	18	18	13	11	3	3	17.5

MARYLAND AND DELAWARE
201401

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		43	35	14	30	44	40	13	27	35	36	52	46	55	46	48	36	45	27	43	50		31	22	21	30	37	45	14	19	28	34.9
		MIN		22	13	4	7	15	1	1	13	25	32	35	25	27	32	31	23	24	19	24	29		1	5	8	11	15	8	6	2	5	16.0
CONOWINGO DAM	07	MAX	32	29	34	19	28	47	45	10	26	32	46	56	44	51	43	40	35	39	31	40	48	29	13	23	21	27	27	43	15	19	24	32.8
		MIN	21	21	15	2	2	24	1	1	6	22	30	34	26	26	29	30	23	23	19	20	29	5	3	3	4	14	13	12	10	4	5	15.4
CYLBURN	08	MAX	40	44	46	19	30	41	46	12	27	36	39	54	50	53	47	44	57	42	34	42	52	37	14		20				14	19	27	36.5
		MIN	26	23	13	6	8	21	0	0	10	23	31	34	28	45	33	32	26	26	20	34	30	13	2	2	6	16	23	8	7	4	4	17.9
DAMASCUS 3 SSW	22	MAX	43	32	28	29	35	42	11	25	36	35	50	50	54	51	46	36	44	32	40	49	37	12	20	17	29	29	40	17	28	42	47	35.0
		MIN	23	27	9	7	22	8	-1	3	23	28	35	35	31	38	33	27	27	18	18	31	11	0	2	4	15	11	17	5	4	15	20	17.6
EMMITSBURG 2 SE	07	MAX	38	42	33	25	28	40	44	13	25	34	36	48	48	50	49	39	37	45	34	41	48	37	16	22	19	28	27	39	14	21	30	33.9
		MIN	26	23	14	0	0	8	1	0	8	22	28	33	25	25	32	29	24	23	18	18	29	2	-1	0	5	12	12	8	5	-1	-1	13.8
FREDERICK 2 NNE	07	MAX																																M
		MIN																																M
MILLERS 4 NE	18	MAX	41	34	27	28	34	47	23	23	36	37	53	50	54	47	45	37	43	34	39	47	40	14	19	16	26	27	44	21	18	28	44	34.7
		MIN	18	25	8	0	14	23	-3	5	19	26	34	36	29	43	29	28	23	20	15	29	14	-1	-1	1	11	10	21	5	3	0	14	16.1
SMITHSBURG 2NW	08	MAX																																M
		MIN																																M
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	18	MAX	36	45	34	18	35	45	38	11	29	37	42	51	46	51	50	39	42	50	27	43	44	29	15	18	21	32	25	31	15	20	34	34.0
		MIN	23	23	11	7	7	17	-3	-3	8	22	31	35	25	25	27	25	25	19	18	20	28	1	2	3	5	8	13	0	0	1	1	13.7
FROSTBURG 2	07	MAX	27	40	26	11	28	41	29	4	25	31	37	49	36	53	42	34	30	40	16	33	36	21	6	11	21	25	41	36	7	11	31	28.3
		MIN	19	19	3	3	5	25	-12	-12	4	22	27	31	29	31	28	18	18	9	8	16	21	-7	-6	-4	-3	5	5	-9	-9	-6	-1	8.9
SHARPSBURG 5 S	07	MAX																																M
		MIN																																M
WILLIAMSPORT	06	MAX		44	35	24	32	38	40	12	28	35	40	50	50	52	49	45	38	45	32	39	39	35	14	22	19	30	27	35	15	21	29	33.8
		MIN		22	24	10	5	13	0	0	6	20	29	33	28	27	35	31	28	27	17	17	17	11	4	2	5	16	14	5	5	6	3	15.3
ALLEGHENY PLATEAU 08																																		
OAKLAND 1 SE	07	MAX	24	42	34	10	40	53	22	5	27	38	58	60	34	57	42	33	31	39	26	32	37	25	8	8	22	37	37	38				32.8
		MIN	18	18	3	-3	-2	18	-13	-13	5	20	30	30	23	23	27	19	19	8	8	24	25	-7	-6	-3	-3	5	5	-10				9.6
SAVAGE RIVER DAM	08	MAX			28	14	31	41	31	4		33	38	50	38	51	44	35	30	41	19	36	40	26		14	25		42	40	11	13	31	31.0
		MIN			8	4	4	18	-6	-6		21	27	34	26	26	26	24	25	14	13	18	26	-1		1	0		16	-2	-5	-6	-4	11.6
SINES DEEP CREEK	07	MAX	25	39	34	10		41	27	3	26	37	37	42	35	53	41	32	31	38	24	33	36	26	8	10	23	25	40	34	6	11	34	28.7
		MIN	18	18	5	1		20	-11	-12	3	19	30	31	25	25	26	21	20	11	9	24	25	-6	-6	-3	-2	6	6	-9	-12	-12	-10	8.7
DELAWARE																																		
NORTHERN 01																																		
WILMINGTON NEW CASTLE CO AP	24	MAX	42	35	23	28	46	59	13	26	35	39	62	51	58	52	46	40	44	38	42	53	35	15	24	19	28	31	45	20	21	27	40	36.7
		MIN	21	23	9	5	15	11	3	9	22	28	38	31	26	38	33	27	23	21	21	32	14	3	5	8	17	14	20	11	10	3	18	18.0
WILMINGTON PORTER RES	24	MAX	39	40	21	26	46	56	12	24	32	39	59	50	55	47	44	37	41		38	48	36	12	21	17	25	28	44	44	18	25	42	35.5
		MIN	22	20	9	7	21	11	2	7	22	27	38	16	30	40	31	27	25		19	32	12	1	7	7	15	12	18	9	9	10	16	17.4
SOUTHERN 02																																		
DOVER	16	MAX	44	36	34	28	43	62	38	28	38	38	64	60	58	52	55	44	50	40	45	50	35	21	22	21	28	30	48	38				41.1

MARYLAND AND DELAWARE
201401

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	23	22	14	5	25	38	4	8	18	25	38	40	27	45	34	32	23	30	20	35	21	4	2	8	14	19	28	12				21.9

MARYLAND AND DELAWARE
201401

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			6.5																		0.1	2.6							3.8		
	SN ON GND			4																		T	3	1	2	2	1	-	-	4	1	
SALISBURY FAA AP	SNOWFALL		T	4.0																		1.8	1.2			T			2.4	2.1		
	SN ON GND																						1	1	1					4	4	-
SNOW HILL 4 N	SNOWFALL	-	-	2.5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	3.0	-	-	T	-	-	-	5.0	-	-
	SN ON GND	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		3	2	2	2	T		-	5	4	3
CENTRAL																															
EASTERN SHORE 02																															
ROYAL OAK 2 SSW	SNOWFALL			5.0			T															1.5	2.5			0.5				3.5		
	SN ON GND			4	3	1																2	3	3	3	3	3	1	1	3	2	1
LOWER SOUTHERN 03																															
MECHANICSVILLE 5 NE	SNOWFALL			3.5		-	-	-			-	-	-		-	-	-	1.0	-	T			4.0				-			2.0		
	SN ON GND	-	-	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	2	2	1	1	T	2	2	1
SOLOMONS	SNOWFALL	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-	-	-	-	-	3.9	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	2
UPPER SOUTHERN 04																															
BALTIMORE WASH INTL AP	SNOWFALL		3.6	0.6			T				T						T		T			5.1		T		0.2	T		0.1	0.2		
	SN ON GND			4	3	2					T												4	2	2	1	1	1		T		
BELTSVILLE	SNOWFALL			3.0							T												4.0							0.5		
	SN ON GND			3	3	2	1				T												4	3	2					1		
DALECARLIA RSVR	SNOWFALL			1.3															-				3.4					-		0.5[I]		
	SN ON GND			1															-				3					-	[I]	2[I]	-	
	WTR EQUIV			-															-				3.4					-		1.0	-	
LAUREL 3 W	SNOWFALL																														
MARYLAND SCIENCE CENTER	SNOWFALL																														
NATL ARBORETUM DC	SNOWFALL	-	-	3.0	-	-	-	T				-							-	-	-	-	3.9			-	-			0.5		
	SN ON GND	-	-	3	-	-	-					-							-	-	-	-	4	3	2	-	-	2	T	1	T	T
OXON HILL	SNOWFALL			2.5				T									0.1		T				5.0		T		T			1.8		
	SN ON GND			3	3	2																	5	4	4	4	3	2	T	2	1	1
	WTR EQUIV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-
UPPER MARLBORO 3 NNW	SNOWFALL	-	-	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	-	-	-	-	-	-	1.5	-	-
	SN ON GND	-	-	4	4	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	2	T		2	1	T
NORTHERN CENTRAL 06																															
ABERDEEN PHILLIPS FLD	SNOWFALL			5.5								T											8.5				0.2	T		0.3		
	SN ON GND			5	3	2	T					T											6	3	2	2	2	2	T	T	T	T
BRIGHTON DAM	SNOWFALL			5.0																			-	7.0						1.0		
	SN ON GND			1																			-	7						1		

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
201401

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
	WTR EQUIV			0.4																			-	7.0					0.5		
CONOWINGO DAM	SNOWFALL	-	-	4.0	4.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.0	5.0	4.5	4.0	4.0	2.0	2.0	2.0	1.5	-
CYLBURN	SNOWFALL	-	-	4.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5				T			0.3		
	SN ON GND	-	-	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	4	-	-	3	3	3	3
DAMASCUS 3 SSW	SNOWFALL		5.0	1.1			T									T			0.7	T		7.0	T	T		T	0.1		T	0.4		
	SN ON GND		5	4	4	2	T	T	T	T	T								T	T		7	6	5	4	4	4	3	3	3	2	2
EMMITSBURG 2 SE	SNOWFALL			3.0															0.5				6.0		T							
	SN ON GND																															
	WTR EQUIV					-																										
FREDERICK 2 NNE	SNOWFALL																															
MILLERS 4 NE	SNOWFALL		2.8	3.5			T				T						T		1.0			6.5	1.2	T		0.3	0.2			0.4		T
	SN ON GND		3	4	4	3	T	T	T	T	T								T	T		7	6	5	5	5	4	3	3	3	3	2
	WTR EQUIV		0.2	0.4	0.4	0.5																0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
SMITHSBURG 2NW	SNOWFALL																															
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	SNOWFALL	-	-	1.0	-	-	-	T	-	-	-	-	-	-	-	-	-	-	T	T	T	1.3	2.7	-	-	-	0.3	2.0	T	-	-	-
	SN ON GND	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	4	4	3	3	4	4	3	3	3
FROSTBURG 2	SNOWFALL	0.1		1.7			T	0.6		T	0.1			-	-	-	-	-	2.0	0.4	0.2	1.8	3.8	0.1	0.3		2.0	0.8	0.5			
	SN ON GND	T	T	2	2	1	T	1	1	1	T			-	-	-	-	-	2	3	2	3	7	6	6	5	7	7	6	6	6	5
	WTR EQUIV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-	0.8	-	-	-
SHARPSBURG 5 S	SNOWFALL																															
WILLIAMSPORT	SNOWFALL	-		3.2						-													5.0				0.2					
	SN ON GND	-		3						-									1				5									
	WTR EQUIV	-		3.2	3.2					-													4.7	3.9	3.4	3.0	2.7				1.3	1.2
ALLEGHENY PLATEAU 08																																
OAKLAND 1 SE	SNOWFALL	0.4		3.0	0.1			2.0	0.1	1.0								0.6	4.5	4.0	2.8	1.0	6.0	0.5	2.5		8.5	8.5		-	-	-
	SN ON GND			3	3			2	1	1									4	7	6	7	13	13	15	15	22	24	23	-	-	-
SAVAGE RIVER DAM	SNOWFALL	-	-	2.0	-	-	-	T	-	-	-	-	-	-	-	-	-	-	T	T	T	1.0	6.0	-	T	-	-	-	T	-	-	-
	SN ON GND	-	-	2	2	1	T	T	T	-		-	-	-	-	-	-	-	T	1	1	1	6	-	6	6	-	6	6	6	6	5
SINES DEEP CREEK	SNOWFALL	0.8	-	4.0	-	-	0.3	T	-	0.3	-	-	-	-	-	-	-	-	3.5	1.2	0.4	-	9.0	0.2	1.6	-	4.4	0.8	4.0	-	-	-
	SN ON GND	2	1	4	-	-	1	2	-	2	-	-	-	-	-	-	-	-	3	3	3	-	11	9	14	14	14	10	8	8	10	7
DELAWARE NORTHERN 01																																
WILMINGTON NEW CASTLE CO AP	SNOWFALL		4.0	1.0			T				T						T					10.5				1.0	T		T	1.0		
	SN ON GND			6	6	5																	10	9	7	5	6	6	3	4	4	3
	WTR EQUIV	-	-	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	0.6	0.5	-	0.6	0.5	-	0.5	-	-
WILMINGTON PORTER RES	SNOWFALL	-	0.2	2.0	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	8.5	-	-	-	1.1	T	-	T	0.5	-	-
	SN ON GND	-	4	7	4	2		-	-	-	-	-	-	-	-	-		-	-	-	-	8	8	5	T	1	5	-	T	4	3	2

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
201401

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
SOUTHERN 02																																
DOVER	SNOWFALL	-	-	6.0	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	-	-	-	1.0	-	-	-	4.3	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-

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
201401

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
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	VAR	VAR		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
WILLIAMSPORT	9570	07	WASHINGTON	39 37	77 51W	360	06	06		H
DELAWARE										
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	N = failed naught check
D = failed duplicate check	O = failed climatological outlier check
G = failed gap check	R = failed lagged range check
I = failed internal consistency check	S = failed spatial consistency check
K = failed streak/frequent-value check	T = failed temporal consistency check
L = failed check on length of multiday period	W = temperature too warm for snow
M = failed megaconsistency check	X = failed bounds check
	Z = flagged as a result of an official Datzilla investigation

Beginning with the January 2013 CD Publication, monthly mean temperature calculations have changed to the National Data Stewardship Team standard. Monthly maximum and minimum temperatures are not rounded until after the monthly mean temperature is calculated. This is the most accurate outcome, but may be slightly different from the mean derived from rounded monthly maximum and minimum.

Processing Updates and Errata: The CD Publications are periodically reproduced to include the addition of late reports and reported corrections. The GHCND data version noted on the cover of the publication provides the generation date.

The climate division temperature and precipitation values in this publication are based on simple averages from the current set of NWS-Designated Open and Published COOP and First Order Sites within each division. These values differ from those found in NCDC's nClimDiv product. Beginning in February 2014, the nClimDiv product is used by NCDC's Climate Monitoring Branch to derive monthly climate reports. For more details on nClimDiv, please go to http://www.ncdc.noaa.gov/monitoring-references/maps/us-climate-divisions.php.

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:

(828) 271-4800 Option 2
(828) 271-4010 (TDD)
(828) 271-4876 (Fax)

NOAA\National Climatic Data Center
Attn: User Engagement & Services Branch
151 Patton Avenue
Asheville, NC 28801-5001

Customer Services Number: (828) 271-4800, option 2
TDD : (828) 271-4010
Fax number: (828) 271-4876

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