CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

DECEMBER 2016

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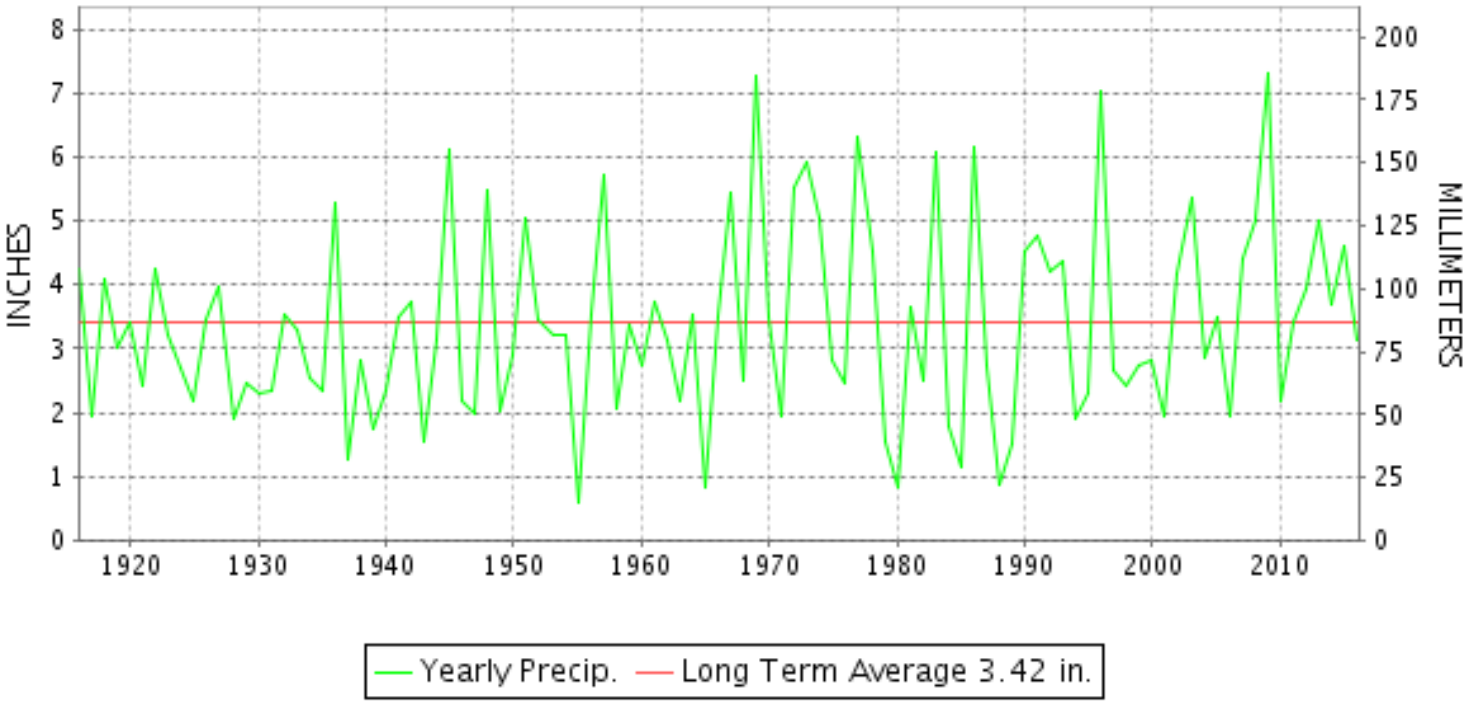
DECEMBER PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	74	DECEMBER 01	NATL ARBORETUM DC
LOWEST TEMPERATURE	1	DECEMBER 16	SINES DEEP CREEK
GREATEST TOTAL PRECIPITATION	6.81		OAKLAND 1 SE
LEAST TOTAL PRECIPITATION	2.34		MARYLAND SCI CTR
GREATEST 1 DAY PRECIPITATION	1.90	DECEMBER 01	REISTERSTOWN 2 NW
GREATEST TOTAL SNOWFALL	13.0		OAKLAND 1 SE
GREATEST DEPTH OF SNOW OR ICE	7		OAKLAND 1 SE

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DELAWARE

HIGHEST TEMPERATURE	66	DECEMBER 01	DOVER
LOWEST TEMPERATURE	12	DECEMBER 16	WILMINGTON PORTER RSCH
GREATEST TOTAL PRECIPITATION	3.98		WILMINGTON PORTER RSCH
LEAST TOTAL PRECIPITATION	2.49		DOVER
GREATEST 1 DAY PRECIPITATION	0.76	DECEMBER 17	WILMINGTON PORTER RSCH
GREATEST TOTAL SNOWFALL	T		2 STATIONS

MARYLAND AND DELAWARE
201612

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				M					
PRINCESS ANNE	49.9M	30.2M	40.1M	0.7	70	01	16	16	768E	0	0	1	15	0	M 2.10	-1.74	1.48	06	M			3	1	1
SALISBURY 2N	49.9	31.5	40.7		70	18	12	15	745	0	0	1	16	0	3.13		0.86	07	M			8	2	0
SALISBURY FAA AP	49.2	30.1	39.7	0.7	70	18	16	16	780	0	0	1	20	0	2.93	-0.78	1.14	06	M 0.0	0		6	1	1
SNOW HILL 4 N	52.9	25.7	39.3	-1.4	73	18	8	15	789	0	0	0	26	0	3.99	0.32	1.27	07	M			9	2	1
--DIVISIONAL DATA------->			40.0	-0.3B											3.35	-0.05B								
CENTRAL																								
EASTERN SHORE 02																								
ROYAL OAK 2 SSW	48.1	32.5	40.3	0.2	65	01	17	16	758	0	0	1	16	0	3.33	-0.41	0.67	24	T	0		8	4	0
--DIVISIONAL DATA------->			40.3	1.0B											3.33	-0.16B								
LOWER SOUTHERN 03																								
MECHANICSVILLE 5 NE	48.3	27.8	38.0	0.7	71	01	13	17+	826	0	0	2	25	0	3.10	-0.60	1.33	07	M			6	2	1
SOLOMONS	M	M	M		71	01	18	16	707E	0	0	1	9	0	A* 3.83		1.44	07	M			4	1	1
--DIVISIONAL DATA------->			38.0	-0.8B											3.47	0.16B								
UPPER SOUTHERN 04																								
BALTIMORE-WASHINGTON INTL AP	46.7	30.0	38.3	1.6	66	27	13	16	818	0	0	1	19	0	2.77	-0.60	0.83	06	T	0		6	2	0
BALTIMORE WASHINGTON INTL CLIM															M				M	0				
BELTSVILLE	47.7	30.1	38.9	2.0	68	01	15	16	801	0	0	2	20	0	3.72	0.59	1.21	01	0.6	1	17	8	2	1
DALECARLIA RSVR	48.0M	30.0M	39.0M	1.4	68	01	14	16	797E	0	0	2	23	0	M 3.84	0.62	1.15	01	M 0.0	0		9	2	1
MARYLAND SCI CTR	47.7	35.1	41.4	2.0	67	27	17	16	724	0	0	1	11	0	2.34	-1.07	0.74	06	M			6	2	0
NATL ARBORETUM DC	49.2	31.8	40.5	1.3	74	01	16	16	752	0	0	2	18	0	3.94	0.74	1.06	07	M	0		7	4	1
OXON HILL	48.4	32.2	40.3	1.7	69	01	16	16	760	0	0	2	15	0	3.30	0.03	1.14	07	T	0		8	2	1
--DIVISIONAL DATA------->			39.7	2.1B											3.21	-0.18B								
NORTHERN																								
EASTERN SHORE 05																								
STEVENSVILLE 2SW	46.7	33.1	39.9	0.7	67	01	17	17+	768	0	0	2	14	0	3.04		0.82	07	0.3	0		8	1	0
SUDLERSVILLE 1S															2.65		0.62	17	0.0	0		6	3	0
--DIVISIONAL DATA------->			39.9	2.6B											2.85	-0.78B								
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	45.9	30.3	38.1	0.8	65	28	13	17+	825	0	0	2	18	0	A 3.86	0.28	1.18	01	0.0	0		7	2	1
BRIGHTON DAM	47.0M	27.6M	37.3M		63	01	12	18+	842E	0	0	2	21	0	M 4.12		1.14	01	0.5	0		8	3	1
CONOWINGO DAM	42.3	28.1	35.2	-1.4	59	01	12	17+	916	0	0	4	23	0	3.09	-0.94	1.20	01	M			5	3	1
CYLBURN	M	M	M								0	0	0	0	M 3.46		0.93	01	M			8	2	0
DAMASCUS 3 SSW	42.7	28.8	35.8	0.5	62	27	10	16	901	0	0	3	23	0	2.53	-1.10	0.84	06	0.7	T	30	7	1	0
EMMITSBURG 2 SE	45.0	27.7	36.3	2.0	61	28	13	16	882	0	0	2	22	0	4.04	0.71	0.90	07	1.9	0		11	2	0

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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
MILLERS 4 NE	42.6	28.2	35.4	1.2	60	27	9	16	909	0	0	3	20	0	3.57	-0.07	1.01	01	1.1	1	17	9	2	1
REISTERSTOWN 2 NW	47.2M	26.9M	37.1M		61	28	10	17+	856E	0	0	1	23	0	M 4.06		1.90	01	M			9	2	1
SMITHSBURG 2NW	42.6	26.7	34.7	1.2	58	19	9	17	931	0	0	4	25	0	3.32	-0.03	0.83	07	M			10	2	0
--DIVISIONAL DATA------->			36.2	0.4B											3.40	-0.10B								
APPALACHIAN MOUNTAIN 07																								
CUMBERLAND 2	43.3	28.6	36.0	0.4	60	28	11	16	893	0	0	3	19	0	3.35	0.50	1.12	07	1.5	1	31	9	2	1
FROSTBURG 2	37.9	23.4	30.6	0.7	59	27	2	16	1059	0	0	8	28	0	4.37	1.08	1.26	07	M	4	31	10	3	1
SHARPSBURG 5 S	45.8	25.0	35.4	1.8	64	28	6	16	909	0	0	2	24	0	3.05	-0.10	0.94	07	M	M T	17	7	2	0
WILLIAMSPORT															M 2.09	-1.01	0.68	01	M	0		7	1	0
--DIVISIONAL DATA------->			34.0	0.5B											3.59	0.72B								
ALLEGHENY PLATEAU 08																								
OAKLAND 1 SE	42.1	23.8	33.0	3.2	67	18	4	17+	984	0	0	6	27	0	6.81	2.96	0.98	07	13.0	7	31	14	6	0
SAVAGE RIVER DAM	40.3M	26.6M	33.4M	2.1	61	27	7	16	970E	0	0	6	23	0	M 4.22	1.42	1.22	18	M 1.3	M 1	30	10	3	2
SINES DEEP CREEK	M	M	M		64	19	1	16	1029E	0	0	4	19	0	MA 5.60		1.05	01	M	4	30	5	2	1
--DIVISIONAL DATA------->			33.2	2.8B											6.81	3.23B								
DELAWARE																								
NORTHERN 01																								
WILMINGTON NEW CASTLE CO AP	46.0	29.8	37.9	1.2	65	27	14	16	831	0	0	1	20	0	2.59	-0.89	0.73	17	T	0		6	2	0
WILMINGTON PORTER RSCH	43.2	28.9	36.0	-0.2	60	27	12	16	892	0	0	4	22	0	3.98	-0.12	0.76	17	T	0		8	3	0
--DIVISIONAL DATA------->			37.0	0.4B											3.29	-0.33B								
SOUTHERN 02																								
DOVER	47.0	31.9	39.5	0.3	66	01	13	16	784	0	0	1	16	0	2.49	-1.16	0.57	17	0.0	0		8	1	0
--DIVISIONAL DATA------->			39.5	0.5B											2.49	-1.05B								

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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	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCESS ANNE	M 2.10			-	-		1.48				-	-	0.45					-	-	0.17					-	-						-
SALISBURY 2N	3.13	0.15				0.35	0.30	0.86	0.04				0.38	0.03				0.23	0.02			0.01			0.55	0.03	0.01			0.17		
SALISBURY FAA AP	2.93	0.08			0.04	0.29	1.14	0.01	0.01				0.47	T				0.25	0.01						0.46			0.01		0.16		
SNOW HILL 4 N	3.99	0.23				0.37	0.19	1.27	0.10				0.47	0.01	T			0.11	T	T					0.43	0.01		T		0.80		
CENTRAL																																
EASTERN SHORE 02																																
ROYAL OAK 2 SSW	3.33	0.12				0.55	0.50	0.65					0.24					0.35	0.02						0.67			0.03		0.20		
LOWER SOUTHERN 03																																
MECHANICSVILLE 5 NE	3.10	0.18				0.35		1.33	T				0.15	0.04	T			0.07	0.05	T					T	0.64		T		0.21	0.08	
SOLOMONS	A* 3.83	0.32[a]		*	*	0.34[a]	0.36	1.44	0.04	0.07	*	*	0.04[a]	0.07				*	*	0.03[a]	0.13				*	*	0.62[a]	T	0.37	T	-	-
UPPER SOUTHERN 04																																
BALTIMORE-WASHINGTON INTL AP	2.77	0.09			0.06	0.24	0.83	0.01	T				0.17					0.58	0.02						0.46		T	0.02		0.29	T	
BALTIMORE WASHINGTON INTL CLIM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	-
BELTSVILLE	3.72	1.21				0.31		0.91	T				0.13					0.05	0.38	0.01					0.42	0.12		T		0.16	0.02	T
DALECARLIA RSVR	M 3.84	1.15				0.34	0.02	0.94					0.15					0.18	0.20	0.02					0.44	0.20				0.20		-
MARYLAND SCI CTR	2.34	0.03			0.04	0.20	0.74	0.01					0.14					0.51	0.06						0.41			0.02		0.17		0.01
NATL ARBORETUM DC	3.94	0.63				0.34		1.06		T			0.17					0.80	0.07	T					0.55	0.08		T		0.24		
OXON HILL	3.30	0.54				0.27		1.14	T	T			0.19	0.01				0.05	0.20	0.01					0.39	0.21		0.02	T	0.21	0.06	T
NORTHERN																																
EASTERN SHORE 05																																
STEVENSVILLE 2SW	3.04	0.28				0.43		0.82					0.01	0.17				0.03	0.47						0.41	0.14		0.02	T	0.23	0.03	
SUDLERSVILLE 1S	2.65	0.35				0.30	0.55						0.30					0.62							0.53			T				
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	A 3.86	1.18				0.27		0.85					0.22	T				*	*	0.67[a]						0.42			T	0.13	0.12	
BRIGHTON DAM	M 4.12	1.14	0.03			0.35	0.05	0.91	0.02				0.20	0.05				0.07	0.45	-					0.50			0.10		0.25		
CONOWINGO DAM	3.09	1.20				0.19		0.70					0.26						0.61						0.06			0.07				
CYLBURN	M 3.46	0.93				0.22		0.88										0.46	0.35						0.34		-	0.10		0.10	0.08	
DAMASCUS 3 SSW	2.53	0.07			0.02	0.30	0.84					T	0.18					0.38	0.10						0.47			T		0.15	0.02	
EMMITSBURG 2 SE	4.04	0.80				0.22		0.90				0.25	0.44					0.10	0.33	0.30					0.21			0.01		0.25	0.03	0.20
MILLERS 4 NE	3.57	1.01				0.21	0.44	0.20				T	0.40					0.62	0.13						0.31		T	0.01		0.24	T	
REISTERSTOWN 2 NW	M 4.06	1.90				0.24	0.01	0.80					0.21					0.06	0.10	0.10					0.30	0.08		0.01	-	0.15	0.10	
SMITHSBURG 2NW	3.32	0.77				0.18		0.83					0.36					0.31	0.23	0.16					0.11	0.07			0.05	0.15	0.10	
APPALACHIAN																																
MOUNTAIN 07																																
CUMBERLAND 2	3.35	0.51				0.17		1.12				0.03	0.33	T				0.41	0.33	0.10					0.05		0.02	0.10		0.10	0.04	0.04
FROSTBURG 2	4.37	0.54	T	T		0.23		1.26			0.02	0.04	0.44		T	T	0.01	0.59	0.40	0.24								0.25	T	0.12	0.16	0.07
SHARPSBURG 5 S	3.05	0.83				0.19		0.94				0.01	0.20					0.29	0.07	0.04					0.21	0.04		T	T	0.20	T	0.03
WILLIAMSPORT	M 2.09	0.68				0.23	0.03	-					0.33			-		0.05	0.27	0.07					0.12	0.04		0.01	0.02	0.13	0.11	

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
ALLEGHENY PLATEAU 08																																
OAKLAND 1 SE	6.81	0.78				0.33		0.98		0.03	0.10	0.05	0.84		0.10	0.04		0.91	0.65	0.75					0.10		0.10	0.40		0.25	0.35	0.05
SAVAGE RIVER DAM	M 4.22	0.52				0.20		1.10			T	T	0.42					-	1.22	0.31					0.10		T	0.11		0.11	0.13	T
SINES DEEP CREEK	MA 5.60	1.05	0.02	*	*	0.40[a]		-		0.02	*	*	0.90[a]	0.10				*	*	1.65[a]					*	*	0.25[a]	0.50	0.08	0.28	0.35	-
DELAWARE																																
NORTHERN 01																																
WILMINGTON NEW CASTLE CO AP	2.59	0.03				0.12	0.63	0.03					0.31	T	T			0.73	0.05				T		0.37			0.04		0.28	T	
WILMINGTON PORTER RSCH	3.98	0.72				0.16	0.69	0.45					0.41			T		0.76	0.04						0.40					0.35		
SOUTHERN 02																																
DOVER	2.49	0.13				0.25	0.32	0.41					0.17					0.57	0.01						0.49					0.14		

MARYLAND AND DELAWARE
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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	70	63			54	50	50	44	41			57	45	47	44	27			39	40	51	57	48			52	64	60	50	45		49.9
		MIN	41	31			36	40	32	30	29			35	31	36	17	16			27	22	23	25	26			37	47	28	28	28		30.2
SALISBURY 2N	17	MAX	69	52	52	48	54	50	51	46	43	39	38	53	50	47	44	28	48	70	48	41	52	58	52	48	50	53	64	58	52	45	45	49.9
		MIN	47	33	36	33	40	41	44	33	29	24	18	23	34	34	12	16	27	46	32	22	24	29	28	37	31	34	48	35	32	31	25	31.5
SALISBURY FAA AP	24	MAX	67	52	52	47	54	50	50	44	39	39	43	57	45	47	44	27	53	70	39	42	51	57	48	50	50	52	64	51	52	43	47	49.2
		MIN	41	31	37	33	36	40	32	30	29	23	21	35	31	35	17	16	27	39	27	22	22	25	26	37	30	36	50	28	28	28	22	30.1
SNOW HILL 4 N	17	MAX	69	65	53	48	53	53	51	48	47	46	45	58	52	48	43	38	46	73	69	43	51	58	51	54	51	53	64	64	53	46	48	52.9
		MIN	44	27	30	27	34	32	40	26	21	17	17	28	26	29	8	9	21	41	27	16	17	20	21	29	27	27	44	28	22	24	17	25.7
CENTRAL																																		
EASTERN SHORE 02																																		
ROYAL OAK 2 SSW	17	MAX	65	52	52	48	52	46	50	46	45	38	40	50	46	45	45	26	47	63	42	38	48	57	51	48	47	49	60	51	49	46	48	48.1
		MIN	47	45	44	35	38	39	43	32	32	30	24	35	34	35	21	17	25	40	29	22	21	27	26	34	31	30	45	35	30	37	26	32.5
LOWER SOUTHERN 03																																		
MECHANICSVILLE 5 NE	07	MAX	71	58	53	52	46	54	44	50	47	39	37	45	52	43	46	28	26	60	65	39	37	57	60	47	48	48	44	62	50	47	43	48.3
		MIN	45	31	31	32	32	39	39	29	27	22	22	25	35	34	27	13	13	20	30	20	20	22	25	25	30	29	24	36	29	31	24	27.8
SOLOMONS	08	MAX	71	58			52	52	48	50	48			47	51	43	46	27			33	66	35	50	59				63	50	49			M
		MIN	54	38			39	42	42	36	30			29	29	39	26	18			22	31	26	33	34			32	41	38	35			M
UPPER SOUTHERN 04																																		
BALTIMORE-WASHINGTON INTL AP	24	MAX	61	51	50	47	54	44	51	47	39	36	41	53	44	45	37	27	35	63	35	36	48	57	46	48	50	51	66	48	48	42	48	46.7
		MIN	44	39	40	36	38	38	31	30	27	24	24	34	33	29	14	13	27	33	28	19	21	26	26	37	27	27	47	33	31	28	25	30.0
BELTSVILLE	08	MAX	68	55	50	48	46	53	44	49	46	38	35	43	53	45	44	25	29	59	64	38	38	48	56	47	47	50	56	66	48	50	40	47.7
		MIN	51	42	41	36	37	37	40	30	28	28	25	28	34	33	25	15	17	28	29	19	20	25	24	26	30	30	38	37	29	29	22	30.1
DALECARLIA RSVR	08	MAX	68	57	48	48	45	54	43	49	46	38	36	43	52	47	45	25	29	58	64	36	37	48	56	47	48	51	58	67	48	50		48.0
		MIN	50	42	45	32	32	38	40	31	28	27	24	28	34	32	24	14	17	29	29	20	20	27	26	27	29	30	30	33	32	31		30.0
MARYLAND SCI CTR	24	MAX	61	51	50	48	55	45	51	48	39	38	41	53	44	45	40	29	38	63	37	36	50	57	49	51	50	50	67	51	50	42	49	47.7
		MIN	47	43	42	40	40	42	40	34	30	29	30	40	38	37	18	17	29	37	30	25	30	35	34	39	38	37	50	38	38	32	30	35.1
NATL ARBORETUM DC	08	MAX	74	57	52	50	47	55	51	50	47	39	36	46	54	47	47	28	30	60	65	36	37	49	57	47	51	50	57	65	49	50	42	49.2
		MIN	51	43	42	37	40	41	41	32	30	28	25	31	36	36	28	16	17	17	31	22	23	26	28	29	34	32	39	37	32	34	27	31.8
OXON HILL	07	MAX	69	59	52	49	46	55	48	50	47	38	36	44	54	46	47	27	29	58	64	36	37	48	57	46	48	50	56	64	49	49	41	48.4
		MIN	51	42	41	36	36	41	40	33	28	28	26	28	37	37	27	16	17	27	30	23	23	32	27	28	38	33	40	40	36	33	25	32.2
NORTHERN																																		
EASTERN SHORE 05																																		
STEVENSVILLE 2SW	07	MAX	67	56	51	49	46	50	44	50	46	39	37	43	48	44	45	32	31	64	41	41	33	48	55	45	47	44	56	62	45	46	44	46.7
		MIN	52	44	42	39	38	41	41	35	30	30	29	31	37	35	32	17	17	25	25	24	24	31	34	34	34	31	37	39	33	34	30	33.1
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	07	MAX	60	54	50	50	46	52	43	50	47	40	37	40	50	41	44	24	29	53	58	33	34	46	56	45	45	49	52	65	47	45	39	45.9
		MIN	51	39	39	38	38	38	40	31	28	26	26	27	33	33	24	13	13	29	29	18	18	23	26	26	35	35	37	36	31	32	26	30.3

MARYLAND AND DELAWARE
201612

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	63	53	53	47	44	51	46	50	50	31	34	41	48	43	43		43		59	32	45	46	52	45		45	56	62	43	46	46	47.0
		MIN	48	44	40	30	32	34	39	36	26	25	21	26	30	27	21	17	12	12		16	23	20	25	24		28	35	36	26	26	22	27.6
CONOWINGO DAM	07	MAX	59	52	46	48	45	48	43	40	44	44	35	39	45	41	40	27	28	40	54	30	30	39	51	41	42	42	48	50	41	42	38	42.3
		MIN	45	37	36	36	36	34	36	30	27	24	23	26	31	31	27	12	12	28	27	17	20	25	26	27	30	27	33	31	27	27	23	28.1
CYLBURN	08	MAX																																M
		MIN																																M
DAMASCUS 3 SSW	22	MAX	57	46	45	42	50	40	45	44	34	32	34	48	41	41	34	23	38	58	31	33	41	52	44	44	44	44	62	48	47	38	45	42.7
		MIN	42	39	37	30	36	34	33	30	24	22	20	31	32	28	12	10	23	31	24	15	25	34	28	32	32	30	43	32	30	28	25	28.8
EMMITSBURG 2 SE	07	MAX	56	56	48	46	45	52	39	48	46	38	35	35	50	42	42	34	25	51	56	32	34	44	53	45	46	46	54	61	46	48	41	45.0
		MIN	48	41	39	34	36	33	34	28	24	25	22	22	28	29	20	13	14	25	26	14	15	27	29	29	33	26	26	37	24	32	25	27.7
MILLERS 4 NE	18	MAX	58	46	45	42	50	40	47	44	35	34	32	48	41	40	32	22	33	57	34	34	43	50	43	46	47	39	60	53	45	38	42	42.6
		MIN	43	35	37	35	34	33	35	29	24	23	20	29	28	27	13	9	21	33	21	13	24	30	27	34	35	27	39	32	29	31	24	28.2
REISTERSTOWN 2 NW	08	MAX	60		49	45	42	49	60	60	43	39	33	49	48	41	40	39	33	55	58	31	58	43	50	50	50	50	55	61	43	46	37	47.2
		MIN	47		37	35	35	35	30	30	24	24	21	22	22	30	18	10	10	22	23	18	17	30	29	29	29	29	33	33	30	31	24	26.9
SMITHSBURG 2NW	08	MAX	56	48	42	42	41	48	39	46	42	34	31	37	46	42	38	19	29	56	58	30	33	44	49	43	47	42	57	57	42	46	38	42.6
		MIN	44	39	38	32	32	31	35	27	24	23	18	23	23	27	19	10	9	28	21	14	13	23	24	31	30	32	39	34	29	31	25	26.7
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	07	MAX	59	50	42	42	44	52	40	48	44	35	32	34	50	41	41	21	28	35	39	35	39	48	50	42	50	52	55	60	50	48	36	43.3
		MIN	47	39	38	33	33	34	34	36	27	25	23	23	30	30	15	11	12	28	23	17	17	28	29	29	35	37	37	36	29	31	22	28.6
FROSTBURG 2	07	MAX	51	40	33	32	40	43	34	40	34	22	22	38	41	36	31	10	25	55	54	28	33	43	40	47	44	44	59	51	39	39	26	37.9
		MIN	37	30	30	27	27	29	31	28	18	18	15	17	27	26	8	2	5	25	19	14	14	25	26	26	37	30	36	28	27	24	18	23.4
SHARPSBURG 5 S	07	MAX	57	52	47	44	44	53	39	49	46	37	35	37	49	45	44	22	27	57	60	34	38	47	54	45	51	48	57	64	47	51	39	45.8
		MIN	38	36	34	27	27	33	34	28	22	19	17	24	25	26	21	6	9	26	23	14	13	19	22	25	36	29	40	28	28	26	21	25.0
ALLEGHENY PLATEAU 08																																		
OAKLAND 1 SE	07	MAX	58	39	33	32	43	49	41	45	45	21	21	43	43	38	33	11	33	67	57	25	45	46	45	48	48	56	62	53	53	42	30	42.1
		MIN	38	32	30	27	27	27	32	26	17	17	12	21	30	27	6	4	4	33	20	14	14	26	27	27	27	35	37	29	25	24	23	23.8
SAVAGE RIVER DAM	08	MAX	54	42	37	35	45	46	38	45	37	26	25	32	44	40	34	14		50	50	29	34	44	43	42	49	44	61	56	39	42	32	40.3
		MIN	42	35	34	29	30	31	32	30	23	22	20	20	31	30	14	7		9	22	19	18	25	29	29	38	35	37	33	26	28	19	26.6
SINES DEEP CREEK	07	MAX	53	39			45	43		39	32			39	40	34	30	12			64	25	37	45	39			49	60	54	37	39		M
		MIN	38	30			20	29		26	18			15	31	28	11	1			4	12	16	20	27			27	35	30	26	25		M
DELAWARE																																		
NORTHERN 01																																		
WILMINGTON NEW CASTLE CO AP	24	MAX	63	51	51	48	52	44	49	46	39	39	36	50	44	43	35	27	37	62	34	36	46	55	47	47	50	49	65	46	45	43	47	46.0
		MIN	43	37	39	39	37	35	33	30	28	23	23	35	31	31	16	14	26	34	25	17	22	26	30	37	28	28	42	30	29	30	27	29.8
WILMINGTON PORTER RSCH	24	MAX	59	47	47	44	48	42	44	43	34	34	32	47	42	39	32	23	33	57	57	31	41	49	49	44	45	45	60	45	45	38	42	43.2
		MIN	39	37	35	39	36	37	34	29	26	25	24	32	32	29	14	12	23	31	22	17	23	23	28	34	30	30	44	29	29	29	25	28.9
SOUTHERN 02																																		
DOVER	16	MAX	66	52	52	47	52	47	49	43	40	38	38	49	46	45	40	25	40	63	40	37	46	55	47	48	48	49	63	56	48	42	47	47.0
		MIN	49	36	41	42	37	38	42	30	27	27	22	34	31	34	18	13	24	40	28	20	20	27	29	38	37	29	47	38	31	34	25	31.9

MARYLAND AND DELAWARE
201612

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				-	-	-	-	-									-													
	SN ON GND																														
SNOW HILL 4 N	SNOWFALL																														
CENTRAL																															
EASTERN SHORE 02																															
ROYAL OAK 2 SSW	SNOWFALL																													T	
	SN ON GND																														
UPPER SOUTHERN 04																															
BALTIMORE-WASHINGTON INTL AP	SNOWFALL						T											T												T	
	SN ON GND																														
BALTIMORE WASHINGTON INTL CLIM	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
BELTSVILLE	SNOWFALL																	0.3	0.3												T
	SN ON GND																	1													
DALECARLIA RSVR	SNOWFALL																														-
	SN ON GND																														-
	WTR EQUIV																														-
MARYLAND SCI CTR	SNOWFALL																														
NATL ARBORETUM DC	SNOWFALL		-		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OXON HILL	SNOWFALL							T																							T
	SN ON GND																														
NORTHERN																															
EASTERN SHORE 05																															
STEVENSVILLE 2SW	SNOWFALL																	0.1	0.2												
	SN ON GND																														
SUDLERSVILLE 1S	SNOWFALL																														
	SN ON GND																														
NORTHERN CENTRAL 06																															
BRIGHTON DAM	SNOWFALL																	0.5												T	
	SN ON GND																														
	WTR EQUIV	-	-	-				-	-	-	-					-	-	-			-	-	-	-	-	-				-	-	-
CONOWINGO DAM	SNOWFALL																														
CYLBURN	SNOWFALL																														
DAMASCUS 3 SSW	SNOWFALL				T		T					0.1						0.4	T												0.2	
	SN ON GND																	T													T	

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid-Mid (LST).

Snow on ground: Includes snow, sleet, ice, and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).

Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT)

MARYLAND AND DELAWARE
201612

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
EMMITSBURG 2 SE	SNOWFALL											0.5						0.2												0.2		1.0
	SN ON GND																															
	WTR EQUIV										-																					
MILLERS 4 NE	SNOWFALL					T						0.1	T					0.7	T											0.3	T	
	SN ON GND																	1														
	WTR EQUIV																	0.5														
REISTERSTOWN 2 NW	SNOWFALL																															
SMITHSBURG 2NW	SNOWFALL																															
APPALACHIAN																																
MOUNTAIN 07																																
CUMBERLAND 2	SNOWFALL											0.4	0.1					0.2	0.1											0.1	0.3	0.3
	SN ON GND																															1
FROSTBURG 2	SNOWFALL	-	-	T	-		-	T	-	-	1.3	0.7			T	T	0.2	0.4		T	-	-	-	-	-	-	-	-	-	T	2.9	1.5
	SN ON GND	-	-		-		-	-	-	-	1	1	1			T	T	1			-	-	-	-	-	-	-	-	-	T	3	4
SHARPSBURG 5 S	SNOWFALL	-	-	-	-	-	-	-	-	-	-	0.2		-	-	-	-	0.2		T	-									T		T
	SN ON GND	-	-	-	-	-	-	-	-	-	-	T		-	-	-	-	T			-											
WILLIAMSPORT	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						-	-				
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						-	-				
	WTR EQUIV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						-	-				
ALLEGHENY PLATEAU 08																																
OAKLAND 1 SE	SNOWFALL									0.8	2.5				0.4			0.3													5.0	4.0
	SN ON GND										2																				5	7
SAVAGE RIVER DAM	SNOWFALL										T	T						-												1.3	T
	SN ON GND										T	T						-												1	
SINES DEEP CREEK	SNOWFALL			-	-			-		0.2	-	-						-	-						-	-				4.0	-
	SN ON GND			-	-			-			-	-						-	-						-	-				4	-
DELAWARE																																
NORTHERN 01																																
WILMINGTON NEW CASTLE CO AP	SNOWFALL									T					T	T		T												T		
	SN ON GND																															
WILMINGTON PORTER RSCH	SNOWFALL															T		T														
	SN ON GND																															

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid-Mid (LST).

Snow on ground: Includes snow, sleet, ice, and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).

Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT)

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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 WASHINGTON INTL CLIM	0467	04	ANNE ARUNDEL	39 11	76 39W	101		24		H
BALTIMORE-WASHINGTON 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	07	07		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
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	07	07		H
MARYLAND SCI CTR 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	08	08		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	07	07		H
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17		H
REISTERSTOWN 2 NW	7580	06	BALTIMORE	39 30	76 50W	737	08	08		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
STEVENSVILLE 2SW	8557	05	QUEEN ANNE'S	38 58	76 20W	10	07	07		H
SUDLERSVILLE 1S	8657	05	QUEEN ANNE'S	39 10	75 51W	100		20		H
WILLIAMSPORT	9570	07	WASHINGTON	39 37	77 51W	360		06		H
DELAWARE										
DOVER	2730	02	KENT	39 9	75 30W	30	16	16		H
WILMINGTON NEW CASTLE CO AP R	9595	01	NEW CASTLE	39 40	75 36W	79	24	24		HJ
WILMINGTON PORTER RSCH	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 for station departures is 1981 to 2010. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

The January 2011 through December 2015 publications incorrectly state the computation of divisional departures. Climate Division departures have been, and continue to be, computed from 1971-2000 Normals, not 1981-2010 as stated. Station departures are accurately described as departures from 1981-2010.

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 NCEI 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 / SS Observation time near sunrise / Observation time near sunset, respectively.

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 Centers for Environmental Information. 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 Centers For Environmental Information. 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. NCEI's Products 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
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.

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 NCEI's nClimDiv product. Beginning in February 2014, the nClimDiv product is used by NCEI's Monitoring Branch and in its monthly climate reports. For more details on nClimDiv, please go to http://www.ncdc.noaa.gov/monitoring-references/maps/us-climate-divisions.php .

Effective January 2016, Alaska's Climate Divisions are updated to reflect the 13 climate divisional boundaries established by University of Alaska-Fairbanks, NWS, NCEI, Oregon State University, and University of Nebraska-Lincoln. For more details regarding the updated Alaska Climate Divisions, see: http://journals.ametsoc.org/doi/pdf/10.1175/JAMC-D-11-0168.1 (Bienek et al., 2012).

These and other publications are available from the National Centers for Environmental Information

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 Centers for Environmental Information
Attn: Customer Engagement 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

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