CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JANUARY 2018

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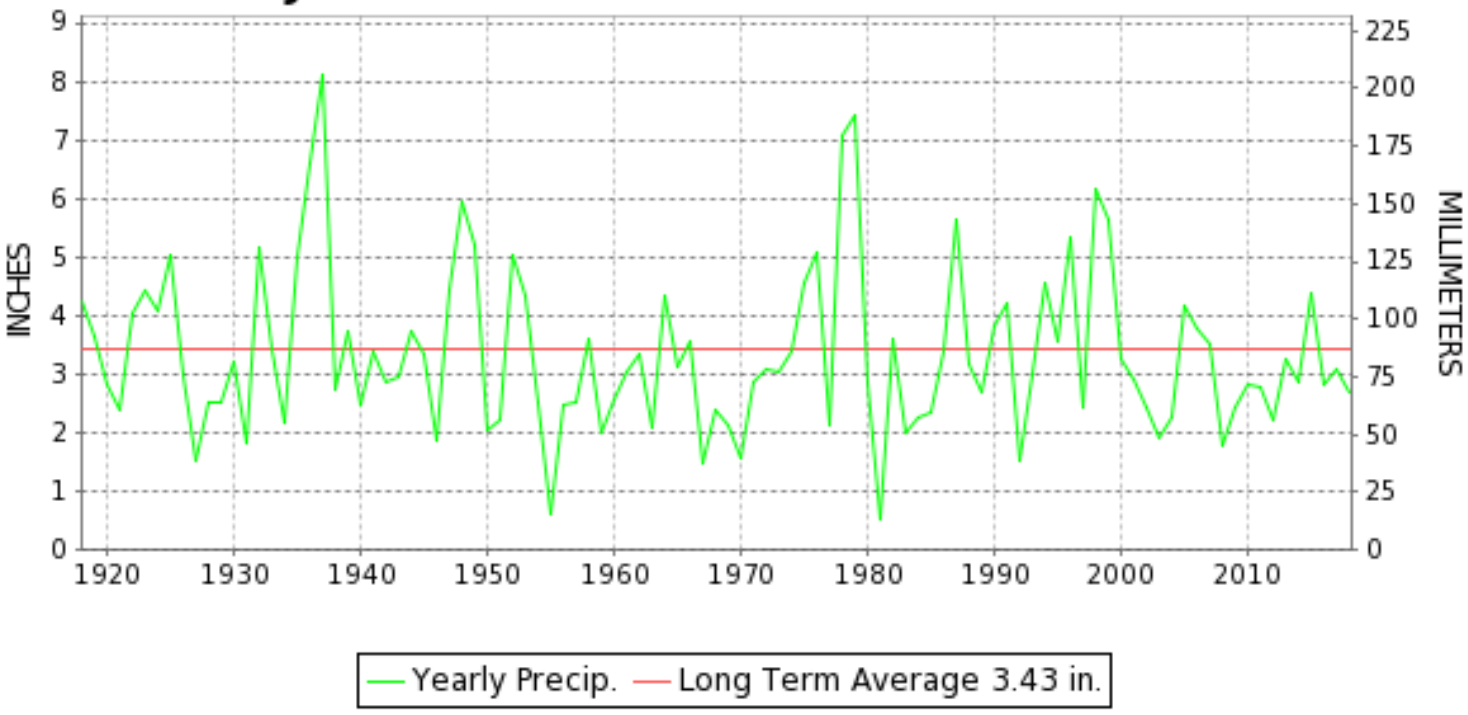
JANUARY PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	74	JANUARY 13	NATL ARBORETUM DC
LOWEST TEMPERATURE	-17	JANUARY 05+	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	4.63		SALISBURY 2N
LEAST TOTAL PRECIPITATION	0.75		BELTSVILLE
GREATEST 1 DAY PRECIPITATION	2.00	JANUARY 13	MILLERS 4 NE
GREATEST TOTAL SNOWFALL	22.0		OAKLAND 1 SE
GREATEST DEPTH OF SNOW OR ICE	10		OAKLAND 1 SE

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National Centers for Environmental Information

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DELAWARE

HIGHEST TEMPERATURE	66	JANUARY 23+	DOVER
LOWEST TEMPERATURE	0	JANUARY 07	DOVER
GREATEST TOTAL PRECIPITATION	2.44		WILMINGTON NEW CASTLE CO AP
LEAST TOTAL PRECIPITATION	2.44		WILMINGTON NEW CASTLE CO AP
GREATEST 1 DAY PRECIPITATION	1.25	JANUARY 12	WILMINGTON NEW CASTLE CO AP
GREATEST TOTAL SNOWFALL	3.5		WILMINGTON NEW CASTLE CO AP
GREATEST DEPTH OF SNOW OR ICE	5		DOVER

MARYLAND AND DELAWARE
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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)														PRECIPITATION (IN)								
											NO. OF DAYS								ICE PELLETS, SNOW			NO. OF DAYS		
											MAX		MIN											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEG. DAYS	COOLING DEG. DAYS	>=90	<=32	<=32	<=0	TOTAL	DEPARTURE FROM NORMAL	GREATEST 24 HOURS	DATE	TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																								
SOUTHERN																								
EASTERN SHORE 01																								
PRINCESS ANNE	M	M	M								0	0	0	0	M				M					
SALISBURY 2N	46.1	25.9	36.0		71	23	0	07	893	0	0	6	22	1	4.63		0.98	04	M			10	8	0
SALISBURY FAA AP	44.0	23.6	33.8	-1.6	68	23	3	07	959	0	0	7	24	0	3.53	-0.08	1.06	23	M 9.4	0		9	7	1
SNOW HILL 4 N	47.4	20.6	34.0	-3.3	67	12	0	03	954	0	0	6	26	1	4.15	0.58	1.68	23	M			5	5	2
--DIVISIONAL DATA------->			34.6	-1.4B											4.10	0.10B								
CENTRAL																								
EASTERN SHORE 02																								
ROYAL OAK 2 SSW	42.8	25.6	34.2	-2.1	65	23	3	07	948	0	0	9	23	0	3.27	-0.33	1.22	12	5.5	4	05	10	6	1
--DIVISIONAL DATA------->			34.2	-0.6B											3.27	-0.71B								
LOWER SOUTHERN 03																								
MECHANICSVILLE 5 NE	42.2M	19.6	30.9M	-3.1	69	24	-4	06	1050E	0	0	10	26	2	2.43	-0.80	0.69	13	3.2	3	05	10	8	0
SOLOMONS	M	M	M		57	23+	13	02	997E	0	0	6	11	0	A 4.56		0.37	23	M	M T	17	6	4	0
--DIVISIONAL DATA------->			30.9	-3.1B											3.50	-0.22B								
UPPER SOUTHERN 04																								
BALTIMORE-WASHINGTON INTL AP	42.1	21.9	32.0	-0.9	64	23	1	07	1014	0	0	9	25	0	1.00	-2.05	0.40	12	2.2	1	18	8	5	0
BALTIMORE WASHINGTON INTL CLIM															M				M	1	18			
BELTSVILLE	40.6	21.5	31.0	-1.9	69	13	4	07	1043	0	0	10	24	0	0.75	-2.11	0.31	13	1.5	1	17	10	2	0
DALECARLIA RSVR	42.2M	21.0M	31.6M	-2.6	68	13	4	08+	1028E	0	0	8	20	0	M 1.08	-1.94	0.40	13	M 0.6	1	04	9	4	0
MARYLAND SCI CTR	42.9	27.7	35.3	-0.5	65	23	9	07	913	0	0	9	19	0	0.94	-1.98	0.35	12	M			8	2	0
NATL ARBORETUM DC	44.0M	24.9M	34.5M	-1.0	74	13	8	07	939E	0	0	8	21	0	M 0.89	-2.20	0.36	13	M 1.5	M 1	17	9	3	0
OXON HILL	41.9	23.4	32.6	-2.5	68	13	7	08+	995	0	0	10	24	0	1.08	-1.94	0.38	13	1.2	1	17	9	5	0
--DIVISIONAL DATA------->			32.8	-0.5B											0.94	-2.61B								
NORTHERN																								
EASTERN SHORE 05																								
STEVENSVILLE 2SW	39.0	23.7	31.4	-2.9	62	24	8	07	1036	0	0	10	23	0	1.96		1.05	13	4.3	3	05	12	4	1
SUDLERSVILLE 1S															M 1.35		0.65	29	M 4.0	4	05	6	6	0
--DIVISIONAL DATA------->			31.4	-1.3B											1.96	-1.69B								
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	38.8	20.5	29.6	-4.0	64	13	3	08+	1089	0	0	12	25	0	1.18	-1.98	0.65	13	1.0	T	31	9	4	0
CONOWINGO DAM	36.4	18.8	27.6	-4.3	61	13	2	08+	1150	0	0	12	26	0	A 2.57	-0.87	1.55	13	M 2.3	0		9	7	1
CYLBURN	M	M	M								0	0	0	0	M				M					
DAMASCUS 3 SSW	39.3	22.3	30.8	-0.6	65	12	-1	07	1055	0	0	11	23	1	2.41	-0.96	1.08	13	2.6	1	05	8	5	1
EMMITSBURG 2 SE	39.7	19.5	29.6	-0.6	69	13	2	08+	1091	0	0	12	24	0	M 3.57	0.39	1.61	13	3.0	1	17	8	6	2
MILLERS 4 NE	38.6	21.3	30.0	-0.1	60	12	-3	07	1079	0	0	12	24	2	3.48	0.27	2.00	13	4.3	1	30	9	7	1
REISTERSTOWN 2 NW	39.0M	20.9M	29.9M		65	13	0	08	1083E	0	0	10	22	1	M 1.59		0.70	13	M 1.7	1	17	7	5	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
SMITHSBURG 2NW	36.6M	17.8	27.2M	-2.8	67	13	-2	08	1163E	0	0	13	26	2	M 3.67	1.01	1.64	23	M 0.0	0		7	6	2
--DIVISIONAL DATA------->			29.2	-2.0B											2.41	-1.19B								
APPALACHIAN MOUNTAIN 07																								
HAGERSTOWN 1 E	40.1	20.2	30.1		69	12	1	07	1073	0	0	12	27	0	3.34		1.40	23	2.6	1	30	8	4	2
CUMBERLAND 2	36.4	18.3	27.3	-4.6	61	23+	-1	08+	1162	0	0	14	27	2	1.38	-1.28	0.97	13	1.7	2	17	8	3	0
FROSTBURG 2	30.0	14.5	22.2	-3.8	59	23	-8	07	1319	0	0	17	27	7	2.08	-1.24	1.32	13	M 4.7	4	07	8	5	1
SHARPSBURG 5 S	M	M	M								0	0	0	0	M				M					
WILLIAMSPORT															2.67	-0.33	1.35	13	M			8	3	1
--DIVISIONAL DATA------->			26.5	-2.5B											2.37	-0.73B								
ALLEGHENY PLATEAU 08																								
OAKLAND 1 SE	33.5	11.5	22.5	-2.6	66	23	-17	05+	1307	0	0	16	27	8	3.11	-0.43	1.20	13	22.0	10	03	19	7	1
SAVAGE RIVER DAM	31.7	15.3	23.5	-3.8	62	23	-5	08+	1277	0	0	16	27	4	2.16	-0.59	1.46	13	3.0	T	31	6	5	1
SINES DEEP CREEK	M	M	M		50	29+	-11	08	1279E	0	0	8	19	4	MA 2.85		0.30	25	M	7	19	7	7	0
--DIVISIONAL DATA------->			23.0	-2.8B											2.64	-0.91B								
DELAWARE																								
NORTHERN 01																								
WILMINGTON NEW CASTLE CO AP	40.6	21.9	31.3	-1.1	63	23	2	07	1037	0	0	9	24	0	2.44	-0.57	1.25	12	3.5	2	07	8	5	1
WILMINGTON PORTER RSCH	M	M	M		58	22	23	20	641E	0	0	0	1	0	M				M	0				
--DIVISIONAL DATA------->			31.3	-0.4B											2.44	-1.26B								
SOUTHERN 02																								
DOVER	43.3	24.4	33.8	-1.4	66	23+	0	07	958	0	0	8	23	1	F 2.47	-0.94	0.96	28	F 0.8	5	05	7	6	0
--DIVISIONAL DATA------->			33.8	-0.8B											M	B								

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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																																
PRINCESS ANNE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALISBURY 2N	4.63				0.98					0.16			0.15	0.71		0.01	0.01							0.96					0.80	0.65	0.20	
SALISBURY FAA AP	3.53			0.07	0.55				0.12				0.17	0.24		T		T						1.06					0.79	0.50	0.03	
SNOW HILL 4 N	4.15				1.00									0.38		T								1.68					0.39	0.70		
CENTRAL																																
EASTERN SHORE 02																																
ROYAL OAK 2 SSW	3.27				0.32				0.01	0.08			1.22	0.31	T		T	0.06						0.41					0.61	0.20	0.05	
LOWER SOUTHERN 03																																
MECHANICSVILLE 5 NE	2.43				0.28	T				0.20			0.18	0.69				0.02	T				0.13	0.14				0.33	0.43	0.03	T
SOLOMONS	A 4.56	*	0.70$_a$		*	*	*	*	0.08$_a$	0.12			0.03	*	*	*	1.60$_a$		0.01		*	*	0.00$_a$	0.37	0.13			*	*	1.37$_a$	0.15	
UPPER SOUTHERN 04																																
BALTIMORE-WASHINGTON INTL AP	1.00			T	0.10				0.06			T	0.40	0.08		T	T	0.13				T	0.10					0.11		0.02	
BALTIMORE WASHINGTON INTL CLIM	M	-	-		0.10	-	-	-	0.02	-	-	-	-	-	-	-	-	0.13	-	-	-	-	-	-	-	-	-	-	-	0.20	-
BELTSVILLE	0.75		0.03							0.03			0.16	0.31				0.06					0.03	0.01				0.02	0.09	0.01	
DALECARLIA RSVR	M 1.08				0.02					0.05			0.20	0.40			-	0.03	-				0.06		-			0.15	0.15	0.02	
MARYLAND SCI CTR	0.94				0.05				0.04				0.35	0.07				0.08					0.26					0.07		0.02	
NATL ARBORETUM DC	M 0.89	-			0.07	T				0.03			0.13	0.36				0.05					0.07	T				0.03	0.14	0.01	
OXON HILL	1.08				0.08	T				0.06			0.14	0.38				0.03	T			T	0.13	T				0.10	0.15	0.01	
NORTHERN																																
EASTERN SHORE 05																																
STEVENSVILLE 2SW	1.96				0.08	0.06				0.05			0.02	1.05				0.06	0.02					0.01	0.15				0.21	0.23	T	0.02
SUDLERSVILLE 1S	M 1.35				0.10	0.15				0.10			T	-	-			-	-					-	0.15	0.20			-	0.65	-	-
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	1.18				0.03	0.01				0.04			0.16	0.65				0.03	T					0.10	0.03					0.13	T	T
CONOWINGO DAM	A 2.57				0.10					*	0.10$_a$		0.28	1.55			0.02	0.10						0.10	0.10				0.02	0.20		
CYLBURN	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAMASCUS 3 SSW	2.41				0.10				0.09			T	0.58	1.08			T	0.06						0.28	T				0.19		0.03	
EMMITSBURG 2 SE	M 3.57				0.10					0.02			0.27	1.61				-						1.26	0.11				0.05	0.15	T	
MILLERS 4 NE	3.48				0.10				0.10	T			0.34	2.00			0.01	0.12						0.54		T			0.19		0.08	
REISTERSTOWN 2 NW	M 1.59			-	T					0.04			0.15	0.70				-						0.38	0.06				0.10	0.16	-	
SMITHSBURG 2NW	M 3.67									-			0.16	1.40				-						1.64	0.22				0.10	0.10	0.05	
APPALACHIAN																																
MOUNTAIN 07																																
HAGERSTOWN 1 E	3.34				T				0.02			0.03	1.32	0.29			0.05	T				T	T	1.40	T				0.16		0.07	
CUMBERLAND 2	1.38	0.01											0.08	0.97				0.09					0.01	0.11		T			0.10	0.01		T
FROSTBURG 2	2.08	T	T			T				T			0.16	1.32	T		T	0.13	T			T	0.03	0.11	T	0.08			0.23	T	0.02	T
SHARPSBURG 5 S	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLIAMSPORT	2.67									T			0.05	1.35				0.06						0.35	0.64				0.08	0.09	0.05	
ALLEGHENY PLATEAU 08																																

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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
OAKLAND 1 SE	3.11	0.05	0.04			0.01	0.01			0.24			0.02	1.20	0.03		0.04	0.22	0.10			0.01	0.05	0.25	0.09	0.05			0.40		0.25	0.05
SAVAGE RIVER DAM	2.16									T			0.13	1.46				0.13					T	0.15					0.25		0.04	
SINES DEEP CREEK	MA 2.85	-	-			0.10	*	*	0.00[a]	0.25			0.10	*	*	1.15[a]	0.20		-		*	*	0.05[a]	0.15		0.30		*	*	0.40[a]	0.15	
DELAWARE																																
NORTHERN 01																																
WILMINGTON NEW CASTLE CO AP	2.44				0.20				0.07				1.25	0.06			T	0.12					T	0.42					0.29		0.03	
WILMINGTON PORTER RSCH	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-
SOUTHERN 02																																
DOVER	F 2.47				T [I]					0.10			0.33	0.16				T						0.81					0.96	0.01	0.10	

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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																																		
PRINCESS ANNE	17	MAX																																M
		MIN																																M
SALISBURY 2N	17	MAX	25	26	37	31	25	18	20	40	48	53	66	68	68	35	34	47	45	38	52	56	61	66	71	59	44	43	61	59	55	41	36	46.1
		MIN	8	8	8	23	10	2	0	9	30	25	37	55	35	17	16	25	27	20	22	29	29	50	50	40	28	22	33	52	41	32	19	25.9
SALISBURY FAA AP	24	MAX	23	26	37	30	20	17	19	39	47	51	66	67	63	27	34	47	38	39	52	54	61	65	68	49	40	47	63	58	47	36	35	44.0
		MIN	7	8	4	16	12	6	3	7	23	21	38	58	26	17	17	25	24	20	19	27	26	46	45	35	24	20	32	47	36	24	18	23.6
SNOW HILL 4 N	17	MAX	25	28	38	32	21	18	21	37	47	50	66	67	62	56	35	49	44	39	53	57	62	65	62	63	44	47	64	58	52	54	52	47.4
		MIN	7	3	0	16	12	7	1	9	26	25	39	19	20	16	12	16	22	16	16	21	22	40	40	31	25	30	27	46	36	25	14	20.6
CENTRAL																																		
EASTERN SHORE 02																																		
ROYAL OAK 2 SSW	17	MAX	23	23	36	30	25	20	21	37	46	43	61	63	60	32	29	41	32	40	50	55	58	63	65	52	40	45	59	54	49	41	33	42.8
		MIN	14	13	9	22	14	9	3	13	27	23	36	50	32	17	17	25	25	18	20	23	27	45	46	38	32	21	34	49	41	30	21	25.6
LOWER SOUTHERN 03																																		
MECHANICSVILLE 5 NE	07	MAX	23	24	24	34	29	22	19	21	39	48	48	64	67	40	26	31	40	27	40	52	60	62	66	69	48	40	45	62	53	43		42.2
		MIN	6	6	5	5	7	-4	-3	1	16	24	26	34	40	16	14	14	21	16	16	23	27	30	37	34	27	20	24	32	43	31	19	19.6
SOLOMONS	08	MAX		16	20					22	35	35	37	57				29	33	28	31			51	57	54	40	33			46	42	35	M
		MIN		13	14					19	22	27	34	35				28	28	19	21			44	38	37	33	25			42	35	21	M
UPPER SOUTHERN 04																																		
BALTIMORE-WASHINGTON INTL AP	24	MAX	23	24	30	26	19	18	22	35	49	42	62	63	57	27	29	40	34	42	52	60	57	62	64	44	39	42	62	57	47	40	38	42.1
		MIN	3	11	5	14	10	7	1	13	22	21	40	53	20	14	13	28	18	11	20	24	29	42	43	30	22	19	23	47	40	21	16	21.9
BELTSVILLE	08	MAX	20	21	24	34	25	17	18	23	35	48	42	63	69	35	25	30	41	24	43	53	60	60	66	64	44	39	45	61	52	45	33	40.6
		MIN	7	8	6	7	10	8	4	6	20	23	26	39	33	15	14	15	24	17	19	21	23	34	46	41	27	20	21	40	43	30	18	21.5
DALECARLIA RSVR	08	MAX	16	22	24	34	25	18	18	23	37	48	48	63	68	36	26					56	61	61	66	63			48	63	53	45	33	42.2
		MIN	8	8	7	7	11	8	4	4	18	24	24	38	30	14	13					20	22	31	43	41			21	38	42	30	18	21.0
MARYLAND SCI CTR	24	MAX	24	25	32	30	20	19	24	37	49	42	57	62	58	27	32	39	38	42	53	61	55	60	65	47	40	42	63	58	49	43	37	42.9
		MIN	14	14	17	17	12	10	9	19	33	33	40	52	24	17	19	31	21	19	29	33	39	43	46	36	32	30	33	49	43	25	21	27.7
NATL ARBORETUM DC	08	MAX			25	34	27	19	20	23	39	49	43	67	74	36	28	32	41	27	46	53	61	62	68	67	47	42	49	62	55	46	35	44.0
		MIN			9	9	12	10	8	10	21	25	31	41	34	16	15	23	24	18	20	25	25	37	49	40	31	23	25	44	44	33	20	24.9
OXON HILL	07	MAX	23	24	24	34	27	19	18	23	37	50	42	64	68	36	26	31	42	26	45	52	60	63	67	67	47	40	49	63	53	45	34	41.9
		MIN	11	11	9	10	11	9	7	7	19	28	32	41	36	15	15	14	23	17	18	23	27	35	50	41	31	24	26	39	44	32	20	23.4
NORTHERN																																		
EASTERN SHORE 05																																		
STEVENSVILLE 2SW	07	MAX	22	22	23	33	25	18	17	23	38	44	37	59	61	41	23	28	35	30	39	48	57	54	60	62	44	38	41	57	51	43	36	39.0
		MIN	15	14	12	12	12	9	8	9	22	28	25	35	41	17	17	18	28	18	18	24	30	35	40	40	32	23	23	38	39	33	21	23.7
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	07	MAX	17	22	24	30	25	17	17	19	30	50	40	61	64	38	24	28	40	27	39	49	58	51	61	63	43	38	42	56	51	44	34	38.8
		MIN	6	6	5	5	10	7	3	3	15	24	25	38	38	14	14	16	27	14	14	19	27	31	40	40	31	19	19	31	43	34	16	20.5
CONOWINGO DAM	07	MAX	29	19	22	27	24	16	15	19	30	41	38	55	61	33	33	28	37	28	35	46	54	46	54	57	41	34	31	54	47	42	33	36.4
		MIN	5	6	6	7	9	5	2	2	15	14	22	34	33	14	14	16	27	13	13	22	25	31	36	35	30	23	23	25	33	30	14	18.8

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	
CYLBURN	08	MAX																																M
		MIN																																M
DAMASCUS 3 SSW	22	MAX	18	19	29	24	14	14	19	32	44	41	58	65	60	21	27	36	31	38	48	57	56	62	57	43	35	43	58	54	42	36	36	39.3
		MIN	6	6	8	12	6	4	-1	14	26	26	35	53	18	11	8	25	15	13	25	33	40	46	43	31	26	22	29	42	36	19	14	22.3
EMMITSBURG 2 SE	07	MAX	19	21	24	29	26	17	17	22	31	49	43	58	69	60	23	25	34	30	40	48	56	55	59	58	44	37	45	58	54	45	35	39.7
		MIN	4	4	5	4	9	6	2	2	15	21	21	34	32	12	12	12	23	14	14	34	34	41	41	39	28	20	20	20	36	29	15	19.5
MILLERS 4 NE	18	MAX	18	20	29	23	18	13	19	28	45	40	58	60	59	23	24	33	31	36	46	55	52	59	57	46	35	42	58	55	44	38	32	38.6
		MIN	-1	7	4	17	6	2	-3	12	25	25	34	51	23	10	8	23	17	11	22	32	35	41	44	31	25	19	28	44	34	22	13	21.3
REISTERSTOWN 2 NW	08	MAX	15	17			29	13	13	19	37	45	45	60	65	30	21	26	38	22	37	48	59	55	64	59	39	34	41	61	60			39.0
		MIN	5	6			7	3	1	0	16	27	27	38	30	10	9	9	22	13	13	30	37	40	44	39	28	20	20	34	34	29	14	20.9
SMITHSBURG 2NW	08	MAX	15	18	20	28	23	14	13	21	37	44	43	61	67	28	21	26	32	19	36	44	53	55	61	53	37	34	44	57	48	45		36.6
		MIN	3	2	3	3	7	3	-1	-2	17	20	27	35	27	9	8	9	18	10	11	26	31	39	43	37	26	20	24	26	34	26	10	17.8
APPALACHIAN MOUNTAIN 07																																		
HAGERSTOWN 1 E	24	MAX	22	24	30	24	16	15	23	31	49	44	59	69	47	24	29	32	28	40	48	57	56	62	55	44	38	46	59	54	47	34	37	40.1
		MIN	5	8	2	11	7	5	1	15	27	19	30	47	15	11	11	25	11	9	26	27	32	43	43	31	23	19	23	39	30	18	13	20.2
CUMBERLAND 2	07	MAX	18	19	24	25	21	13	13	25	43	43	45	56	61	25	26	27	27	21	41	50	50	52	61	55	37	35	47	46	49	45	28	36.4
		MIN	6	6	1	1	5	4	-1	-1	20	27	27	28	23	11	8	8	11	11	18	30	43	44	44	37	28	19	19	23	26	26	14	18.3
FROSTBURG 2	07	MAX	10	10	13	26	13	4	6	24	37	36	40	55	57	16	16	20	23	13	27	38	47	47	59	45	28	26	42	51	43	40	18	30.0
		MIN	0	-1	-1	4	-4	-4	-8	-6	24	23	28	39	16	4	3	3	4	3	11	23	36	43	45	28	20	19	20	28	27	16	6	14.5
SHARPSBURG 5 S	07	MAX																																M
		MIN																																M
ALLEGHENY PLATEAU 08																																		
OAKLAND 1 SE	07	MAX	10	10	13	26	26	8	10	36	35	39	51	65	65	17	17	27	30	13	26	39	48	50	66	47	30	27	52	56	45	41	15	33.5
		MIN	-3	-3	-17	-17	-17	-3	-16	-7	31	18	30	30	12	2	1	6	6	6	7	22	37	44	44	29	21	6	8	40	21	13	6	11.5
SAVAGE RIVER DAM	08	MAX	14	14	16	26	17	9	10	20	39	38	41	55	55	20	18	21	26	16	29	40	49	41	62	45	33	30	42	52	44	40	22	31.7
		MIN	3	2	-3	-3	3	2	-5	-5	20	23	26	27	20	10	8	8	10	10	13	13	39	40	41	33	25	17	17	24	26	20	11	15.3
SINES DEEP CREEK	07	MAX			12	25	23			33	35	34	42	49			50	23	23		30			49	50	42	44	27			50	40	17	M
		MIN			-8	-8	-10			-11	31	18	23	28			2	5	6		5			23	36	25	20	12			23	17	4	M
DELAWARE																																		
NORTHERN 01																																		
WILMINGTON NEW CASTLE CO AP	24	MAX	21	25	31	28	17	16	19	33	46	42	56	62	57	26	32	42	36	36	47	57	53	60	63	45	37	39	59	56	46	39	33	40.6
		MIN	5	11	8	15	10	7	2	13	21	23	38	47	19	13	16	29	18	14	20	25	26	39	40	33	25	20	23	45	38	22	15	21.9
WILMINGTON PORTER RSCH	24	MAX																				55	52	58										M
		MIN																				23	35	42										M
SOUTHERN 02																																		
DOVER	16	MAX	21	26	32	28	25	16	18	39	48	44	60	66	63	33	31	45	40	38	48	58	52	66	66	54	39	43	60	57	50	40	35	43.3
		MIN	10	12	7	21	11	7	0	10	30	23	36	44	33	13	18	26	24	15	19	30	28	43	49	38	28	19	28	50	40	29	16	24.4

MARYLAND AND DELAWARE
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DAILY SOIL TEMPERATURES

STATION	DEPTH	TIME	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 **UPPER SOUTHERN 04** BELTSVILLE (in)																																		

MARYLAND AND DELAWARE
201801

SOILS REFERENCE NOTES

STATION	SOIL TYPE	SOIL COVER	SLOPE	UNITS
BELTSVILLE	UNKNOWN	GRASS	0	F

MARYLAND AND DELAWARE
201801

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																															
PRINCESS ANNE	SNOWFALL																														
SALISBURY 2N	SNOWFALL	-	-	-	9.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALISBURY FAA AP	SNOWFALL			1.1	8.3											-															
	SN ON GND				-	-	-	-	-	-	-							-		-				-							
SNOW HILL 4 N	SNOWFALL	-	-	-	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL																															
EASTERN SHORE 02																															
ROYAL OAK 2 SSW	SNOWFALL				4.5										T		T	1.0													
	SN ON GND				4	4	3	2	2	1	T	T						1	T													
LOWER SOUTHERN 03																															
MECHANICSVILLE 5 NE	SNOWFALL				3.0	T												0.2	T												T
	SN ON GND				3	3	2	2	2	1	T	T							T												
	WTR EQUIV				-	-	-	-	-	-	-	-						0.2						-	-	-	-	-	-	-	-
SOLOMONS	SNOWFALL	-			-	-	-	-	-					-	-	-					-	-					-	-			
	SN ON GND	-			-	-	-	-	-					-	-	-		T			-	-					-	-			
	WTR EQUIV	-			-	-	-	-	-	-				-	-	-			-		-	-		-	-	-	-	-	-	-	-
UPPER SOUTHERN 04																															
BALTIMORE-WASHINGTON INTL AP	SNOWFALL			T	0.9				T					T		T		1.3												T	
	SN ON GND	T	T	T	1	1	T	T	T									1	1	T	T									T	
BALTIMORE WASHINGTON INTL CLIM	SNOWFALL	-	-		0.9	-	-	-		-	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-				1				-	-	-	-	-	-	-	-	1	1			-	-	-	-	-	-	-	-	-	-
BELTSVILLE	SNOWFALL		0.5							T								1.0												T	
	SN ON GND		T	T	T	T	T			T								1	T												
	WTR EQUIV		-	-	-	-	-			-								-	-						-	-	-	-	-	-	-
DALECARLIA RSVR	SNOWFALL				0.5												-	0.1	-							-					
	SN ON GND				1												-	T	-							-					
	WTR EQUIV				-												-	-	-						-	-	-	-	-	-	-
MARYLAND SCI CTR	SNOWFALL																														
NATL ARBORETUM DC	SNOWFALL	-			0.8	T				T								0.7												-	
	SN ON GND	-	T	T	1	T	T	T	T	T								1	T	T										-	
	WTR EQUIV	-	-	-	-	-	-	-	-	-								-	-	-					-	-	-	-	-	-	-
OXON HILL	SNOWFALL				0.7	T				T								0.5	T											T	
	SN ON GND	T			1	1	1	1	1									1	T												
	WTR EQUIV	-			0.1	-	-	-	-									0.0	-						-	-	-	-	-	-	-
NORTHERN																															
EASTERN SHORE 05																															
STEVENSVILLE 2SW	SNOWFALL				1.6	1.5												0.8	0.4												T
	SN ON GND				2	3	2	1	T	T	T							1	1												
SUDLERSVILLE 1S	SNOWFALL				2.0	2.0								-	-			-	-					-					-		-	-

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

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

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

MARYLAND AND DELAWARE
201801

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
	SN ON GND				2	4	3	3	2	2	1			-	-			-	-					-					-	-	-
NORTHERN CENTRAL 06																															
ABERDEEN PHILLIPS FLD	SNOWFALL				0.5	0.3				T								0.2	T											T	T
	SN ON GND				T	T												T	T											T	T
	WTR EQUIV				-	-												-	-					-	-	-	-	-	-	-	-
CONOWINGO DAM	SNOWFALL				1.0					-							0.8	0.5													
	SN ON GND				-	-	-	-		-							-	-	-	-											
CYLBURN	SNOWFALL																														
DAMASCUS 3 SSW	SNOWFALL				1.3				0.2					T			T	0.7						T					0.4		
	SN ON GND	T	T	T	1	1	T	T	T	T	T							T	T	T									T	T
	WTR EQUIV	-	-	-	-	-	-	-	-	-	-							-	-	-				-	-	-	-	-	-	-	-
EMMITSBURG 2 SE	SNOWFALL				1.5					0.5								1.0												T	
	SN ON GND				1													1													
	WTR EQUIV				-													-							-	-	-	-	-	-	-
MILLERS 4 NE	SNOWFALL				1.0				0.2					0.3			0.2	1.3								T				1.3	
	SN ON GND	1	1	1	1	1	1	1	1	T	T			T	T	T	T	1	1	T										1	T
	WTR EQUIV	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2									0.1	0.1											0.1	
REISTERSTOWN 2 NW	SNOWFALL			-	T													1.0												0.7	
	SN ON GND			-														1												-	
	WTR EQUIV			-														-							-	-	-	-	-	-	-
SMITHSBURG 2NW	SNOWFALL																	-												-	
	SN ON GND																	-												-	
	WTR EQUIV																	-							-	-	-	-	-	-	-
APPALACHIAN MOUNTAIN 07																															
HAGERSTOWN 1 E	SNOWFALL				T				0.3					T			1.3	T						T					1.0		
	SN ON GND	T	T	T					T								1	1	T										1	T
CUMBERLAND 2	SNOWFALL	0.1																1.6													T
	SN ON GND	1	1	1	1	1												2	1												
	WTR EQUIV	-	-	-	-	-												-	-						-	-	-	-	-	-	-	-
FROSTBURG 2	SNOWFALL	T	0.3			0.3								0.6	T		T	2.0	0.2						T	0.4				0.8	0.1
	SN ON GND	4	4	4	3	4	4	4	3	2	2	1		1	1	1	1	2	2	2	1				T	T	T			1	1
	WTR EQUIV	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-				-	-	-	-	-	-	-	-
SHARPSBURG 5 S	SNOWFALL																														
WILLIAMSPORT	SNOWFALL																														
ALLEGHENY PLATEAU 08																															
OAKLAND 1 SE	SNOWFALL	1.0	0.7			1.5	0.1								0.8		0.4	5.0	1.4						0.5	3.3				6.0	1.3
	SN ON GND	10	10	10	7	6	5	4	3	2	1			1	1			5	1							3				6	7
SAVAGE RIVER DAM	SNOWFALL													T				3.0								T				T	
	SN ON GND																													T	T
SINES DEEP CREEK	SNOWFALL	-	-			1.5	-	-		2.0				-	-	1.0	4.0		-		-	-				4.0		-	-		4.0	
	SN ON GND	-	-	4	4	6	-	-	4	6	6	3	3	-	-	1	5	-	-	7	-	-				4	2	-	-		4	4

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
201801

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
DELAWARE																															
NORTHERN 01																															
WILMINGTON NEW CASTLE CO AP	SNOWFALL			T	2.6												T	0.8												0.1	
	SN ON GND				1	2	2	2	1	1								T	1												
	WTR EQUIV	-	-	-	0.2	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILMINGTON PORTER RSCH	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-	-	-	-	-
SOUTHERN 02																															
DOVER	SNOWFALL				6.0[I]													0.8												T	
	SN ON GND			[I]	6[I]	5	4	4	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
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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
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	GCH
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
HAGERSTOWN 1 E	1790	07	WASHINGTON	39 38	77 42W	532	24	24		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 48	76 60W	186	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 //R	8005	01	WICOMICO	38 20	75 31W	47	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		CH
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).

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