



CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

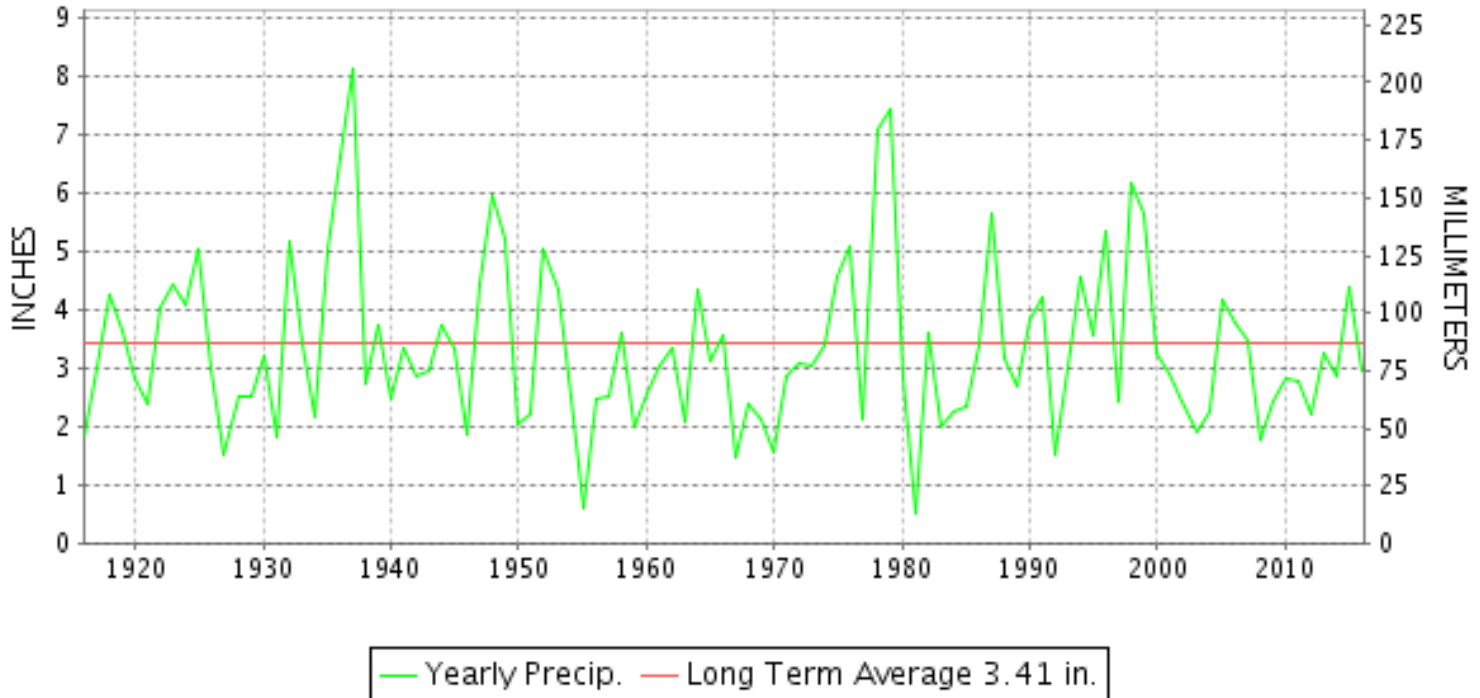
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JANUARY PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	70	JANUARY 10	NATL ARBORETUM DC
LOWEST TEMPERATURE	-6	JANUARY 20	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	4.91		DAMASCUS 3 SSW
LEAST TOTAL PRECIPITATION	1.92		STEVENSVILLE 2SW
GREATEST 1 DAY PRECIPITATION	2.83	JANUARY 23	MILLERS 4 NE
GREATEST TOTAL SNOWFALL	31.0		DAMASCUS 3 SSW
GREATEST DEPTH OF SNOW OR ICE	41		OAKLAND 1 SE

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DELAWARE

HIGHEST TEMPERATURE	66	JANUARY 10	WILMINGTON NEW CASTLE CO AP
LOWEST TEMPERATURE	11	JANUARY 05+	2 STATIONS
GREATEST TOTAL PRECIPITATION	2.30		WILMINGTON NEW CASTLE CO AP
LEAST TOTAL PRECIPITATION	2.30		WILMINGTON NEW CASTLE CO AP
GREATEST 1 DAY PRECIPITATION	1.01	JANUARY 16	DOVER
GREATEST TOTAL SNOWFALL	16.9		WILMINGTON NEW CASTLE CO AP
GREATEST DEPTH OF SNOW OR ICE	14		WILMINGTON PORTER RSCH

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)																									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEG. DAYS	COOLING DEG. DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST 24 HOURS	DATE	ICE PELLETS, SNOW			NO. OF DAYS														
											MAX		MIN						TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE												
											>=90	<=32	<=32	<=0																						
FREDERICK 2 NNE	M	M	M								0	0	0	0	M				M																	
MILLERS 4 NE	38.6	22.0	30.3	0.2	58	31	9	19	1067	0	0	8	26	0	4.77	1.56	2.83	23	29.4	27	23	4	2	2												
SMITHSBURG 2NW	36.5M	16.4M	26.4M	-3.6	53	11	1	24	1187E	0	0	11	28	0	M 1.67	-0.99	1.02	10	M			2	2	1												
--DIVISIONAL DATA-----> APPALACHIAN MOUNTAIN 07			30.1	-1.1B											4.28	0.68B																				
CUMBERLAND 2	38.5	18.4	28.4	-3.5	55	11	8	19	1127	0	0	6	28	0	3.02	0.36	1.47	23	M	21	24	5	2	1												
FROSTBURG 2	31.2	15.2	23.2	-2.8	47	27+	1	20+	1289	0	0	16	30	0	3.19	-0.13	1.46	23	M 28.9	22	24	6	2	1												
SHARPSBURG 5 S	M	M	M								0	0	0	0	M				M																	
WILLIAMSPORT															M				M	0																
--DIVISIONAL DATA-----> ALLEGHENY PLATEAU 08			25.8	-3.2B											3.11	0.01B																				
OAKLAND 1 SE	35.7	10.9	23.3	-1.8	56	31	-6	20	1286	0	0	15	31	4	3.65	0.11	1.12	23	F 46.6	41	24	10	2	1												
SAVAGE RIVER DAM	32.8	16.3	24.6	-2.7	48	27	5	21+	1243	0	0	14	31	0	3.94	1.19	2.60	23	M	M 27	24	6	1	1												
SINES DEEP CREEK	M	M	M		46	05	-2	21+	1436E	0	0	10	19	2	A* 3.70		0.10	28+	M	37	25	2	0	0												
--DIVISIONAL DATA-----> DELAWARE NORTHERN 01			24.0	-1.8B											3.76	0.21B																				
WILMINGTON NEW CASTLE CO AP	41.3	23.0	32.2	-0.2	66	10	12	05	1009	0	0	6	27	0	2.30	-0.71	0.95	23	16.9	12	25	5	2	0												
WILMINGTON PORTER RSCH	39.4	24.0	31.7	-0.1	64	10	11	05	1023	0	0	8	27	0	F 1.00	-2.71	0.60	10	14.5	M 14	23	3	1	0												
--DIVISIONAL DATA-----> SOUTHERN 02			32.0	0.3B											2.30	-1.40B																				
DOVER	44.5	25.9	35.2	0.0	65	10	11	06	917	0	0	5	24	0	F 1.64	-1.77	1.01	16	13.4	13	24	3	1	1												
FRANKFORD															M				M																	
--DIVISIONAL DATA----->			35.2	0.6B											M	B																				

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SALISBURY 2N	3.97	0.01		0.01					0.01		0.78					1.36	0.40					0.04	0.03	1.12	0.18				0.03						
SALISBURY FAA AP	3.21								T	T	0.28		T		0.99	0.28	0.26				0.03	0.01	0.26	1.07				0.03		T					
SNOW HILL 4 N	3.23										0.18					0.98	0.20					0.10	T	1.00	0.77				T						
CENTRAL																																			
EASTERN SHORE 02																																			
ROYAL OAK 2 SSW	M 2.86									T		0.45				0.95	0.05					0.04	-	1.00	0.35				0.02		T				
LOWER SOUTHERN 03																																			
MECHANICSVILLE 5 NE	3.73					T			T	T	0.64	T		T		0.67		0.05				0.08		1.89	0.39				0.01			T			
SOLOMONS	A 2.75	*	*	0.00 _a				0.01	*	*	0.51 _a		T		*	*	0.70 _a	T			T		*	*	1.50 _a		0.03			*	*	T _a			
UPPER SOUTHERN 04																																			
BALTIMORE WASH INTL AP	3.50							T	0.01	0.29	0.75		T			0.24	0.03	0.02				0.02	T	0.33	1.80			T	T		0.01				
BELTSVILLE	2.84								T	0.02	0.81	0.04				0.28		0.02				0.02		1.17	0.48										
DALECARLIA RSVR	M 1.12									0.03	1.08			0.01								-		-	-										
MARYLAND SCIENCE CENTER	3.28									0.26	0.78					0.22	0.03	0.04				0.01	0.32	1.61				0.01							
NATL ARBORETUM DC	A 3.39								T	0.01	0.74			T		0.35		0.05				0.04		*	*	2.20 _a									
OXON HILL	3.06					T			T	0.01	0.81			T		0.43		0.05				0.03		0.50	1.23				T			T			
UPPER MARLBORO 3 NNW	3.31									0.05	0.40	0.49		T		0.32		0.08				0.03		1.46	0.48				T						
NORTHERN																																			
EASTERN SHORE 05																																			
STEVENSVILLE 2SW	1.92								T	T	0.45					0.35		0.04				0.03		0.75	0.30				T						
SUDLERSVILLE 1S	3.01										0.67					0.10	0.50	0.01				T	0.18	1.40	0.15		T								
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	A 2.43								T	*	*	0.84 _a				0.19		T				T		*	1.38 _a			0.02				T			
BRIGHTON DAM	M 3.70								T	0.10	1.00					0.60						-		2.00	-								T		
CONOWINGO DAM	4.58	0.21										1.02					0.35							2.00	1.00										
CYLBURN	MA 4.49								0.01	0.05	-	*	1.12 _a			0.34							*	*	*	*	2.96 _a					0.01			
DAMASCUS 3 SSW	4.91				T			T	0.04	0.03	1.31		0.03		0.35	0.15	0.04				0.03	T	0.41	2.38	T		T	0.10		0.04					
EMMITSBURG 2 SE	A 4.73								T	0.06	1.50	0.47	T	T		0.45	T						*	2.25 _a		T			T						
FREDERICK 2 NNE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MILLERS 4 NE	4.77				T				T	0.05	0.04	1.15		0.01	0.02								0.01	0.03	2.83	0.13			T						
SMITHSBURG 2NW	M 1.67										0.05	1.02				0.60																			
APPALACHIAN																																			
MOUNTAIN 07																																			
CUMBERLAND 2	3.02									0.12	0.65	0.06		0.02		0.20	T	0.03				0.01		1.47	0.44								0.02		
FROSTBURG 2	3.19	0.01	T		0.01	T				0.14	0.64	0.09		0.10	T	0.26	0.05	0.08				0.03	T	1.46	0.27		0.01	T		0.02	0.02				
SHARPSBURG 5 S	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILLIAMSPORT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27																			

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	3.65				0.05	0.02				0.20	0.30	0.24	0.02	0.14			0.28	0.10	0.31	0.04		0.14		1.12	0.64						0.05		
SAVAGE RIVER DAM	3.94				T					0.16	0.45	0.12		T			0.22	T	T		0.09		2.60	0.30									
SINES DEEP CREEK	A* 3.70	*	*	*	*	0.13 _a				*	*	0.60 _a		0.10			*	*	0.40 _a	0.03		0.05	0.02	*	*	2.25 _a			0.10	0.02	-	-	
DELAWARE																																	
NORTHERN 01																																	
WILMINGTON NEW CASTLE CO AP	2.30										0.68		T			0.25	0.13	0.07					0.22	0.95	T		T		T				
WILMINGTON PORTER RSCH	F 1.00									0.02	0.60		T			0.13	0.25	T				0.17 ^z	0.20 ^z										
SOUTHERN 02																																	
DOVER	F 1.64										0.35						1.01	T				T	T ^z	T ^z	T ^z		0.27	T		0.01			
FRANKFORD	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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 MIN																																			M M M
PRINCESS ANNE	17	MAX MIN	46 32			40 19	34 14	44 12	53 32			40 23	49 21	44 18	53 17	57 32				33 17	30 15	32 19	34 21	34 19			41 16	57 31	46 27	48 22	48 29				M M M		
SALISBURY 2N	17	MAX MIN		47 39	53 28	44 29	32 14	43 13	53 31	52 40	60 39	67 53	29 24	23 21	34 21	43 34	33 33	20 20	14 18	24 24	19 19	25 25	23 23	39 35	35 23	18 18	36 36	39 24	29 29	25 25	38 25	63 63	47.4 28.2				
SALISBURY FAA AP	24	MAX MIN	46 32	46 26	52 26	38 19	31 14	44 13	53 31	53 40	62 38	67 40	49 23	33 20	53 18	57 32	55 42	42 33	25 17	32 15	34 19	34 21	34 19	39 25	35 23	47 18	57 36	53 24	48 29	48 25	47 39	62 64	45.6 25.6				
SNOW HILL 4 N	17	MAX MIN	53 38	49 26	55 27	48 25	33 14	47 13	54 31	50 ^s 38	62 49	68 29	60 21	48 23	54 17	58 28	56 42	54 30	34 20	30 25	36 15	35 33	44 14	42 18	47 14	59 34	59 39	50 22	50 20	49 21	64 35	49.5 26.2					
CENTRAL EASTERN SHORE 02 ROYAL OAK 2 SSW	17	MAX MIN	51 42	47 33	51 31	43 32	39 17	40 15	46 27	49 35	58 41	65 51	58 32	48 23	46 24	53 21	53 31	47 43	32 21	28 21	30 22	34 27	30 23	30 23	35 20	45 13	55 27	52 35	45 22	44 35	44 22	58 32	45.5 28.2				
LOWER SOUTHERN 03 MECHANICSVILLE 5 NE	07	MAX MIN	55 38	45 27	47 27	52 26	38 14	31 12	41 12	46 30	45 36	61 39	63 27	41 23	47 21	31 21	53 21	53 33	57 32	40 18	25 13	26 13	30 15	33 17	26 17	28 19	34 11	43 11	57 39	44 20	43 20	43 21	44 21	42.6 22.4			
SOLOMONS	08	MAX MIN			54 34	37 17	31 21	41 29	47 40			65 30	65 30	50 24	39 25	54 39			56 21	25 15	26 19	31 22	33 24			37 22	46 36	58 40	43 26	42 31			61 27	M M			
UPPER SOUTHERN 04 BALTIMORE WASH INTL AP	24	MAX MIN	45 28	47 26	52 26	37 16	33 13	41 12	42 27	43 38	51 41	63 36	37 23	46 19	28 21	51 27	50 34	55 28	37 14	31 13	27 15	30 18	34 19	28 22	28 14	34 8	38 19	52 24	44 17	42 25	41 18	43 25	61 25	41.6 22.2			
BELTSVILLE	08	MAX MIN	55 39	43 26	48 25	36 14	33 13	40 14	41 34	42 38	59 41	61 26	37 20	45 20	28 22	50 27	53 27	36 17	23 14	25 18	29 14	29 18	32 17	28 15	29 16	33 11	44 10	51 35	41 14	41 16	40 17	44 19	41.0 21.6				
DALECARLIA RSVR	08	MAX MIN	57 39	46 29	49 27	53 29	36 14	32 14	40 18	42 34	58 38	62 40	39 26	47 19	29 19	53 24	49 28	52 29	37 16	23 13	25 14	29 17	32 18	28 20	26 19	31 11	42 15	55 35	42 16	42 18	41 18	45 19	41.4 22.6				
MARYLAND SCIENCE CENTER	24	MAX MIN	44 35	47 32	52 32	36 17	33 16	40 23	44 31	45 39	52 42	63 38	38 28	46 27	29 21	51 27	50 34	41 40	33 16	26 15	32 20	34 24	28 22	29 23	34 23	39 20	51 29	47 31	41 26	42 30	44 25	55 32	41.9 27.4				
NATL ARBORETUM DC	07	MAX MIN	56 41	46 31	48 29	53 15	38 16	34 22	41 35	44 40	43 28	44 25	70 21	65 21	42 26	47 30	53 32	53 17	38 15	25 16	28 16	31 20	34 20	29 22	35 18	35 11	44 14	53 38	43 18	43 23	42 20	47 24	43.3 24.5				
OXON HILL	08	MAX MIN	56 40	45 29	48 29	53 29	37 15	32 15	40 16	43 35	59 39	62 41	40 27	46 25	30 20	53 22	50 33	51 34	39 18	25 14	26 14	30 18	32 21	28 21	28 21	32 19	40 16	54 32	47 20	43 22	41 21	47 22	41.9 24.1				
UPPER MARLBORO 3 NNW	08	MAX MIN	56 36	45 26	49 24	55 25	37 14	34 10	43 10	44 33	42 38	59 40	63 26	41 21	47 20	30 19	52 22	54 30	35 18	25 13	27 13	31 16	34 18	27 21	29 19	35 8	43 8	56 37	43 16	43 16	43 18	46 17	42.6 21.3				
NORTHERN EASTERN SHORE 05 STEVENSVILLE 2SW	07	MAX MIN	54 41	45 35	46 31	51 32	35 18	29 18	37 20	42 33	45 39	57 42	62 29	38 26	46 22	32 21	50 30	51 36	54 37	37 19	34 18	26 15	30 20	34 24	27 22	29 24	33 17	42 17	53 38	43 23	42 23	42 24	41.5 26.7				
NORTHERN CENTRAL 06																																					

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		
ABERDEEN PHILLIPS FLD	07	MAX	55	43	46	52	36	34	39	45	45	56	61	37	43	29	49	50	53	37	24	29	32	35	26	27	33	39	48	44	42	42	40	41.0	
		MIN	39	31	25	26	15	13	13	31	40	41	27	22	19	20	21	30	35	18	14	14	19	21	22	20	8	8	22	17	17	20	21	22.2	
BRIGHTON DAM	08	MAX		53	45	48	34	29	38	39	41	57	58	33	42	42	49	49	52	35	34	23	27	31					49	46	40	39	43	41.4	
		MIN		25	24	26	13	10	10	30	37	40	24	22	16	17	23	28	29	10	10	14	14	14					40	15	16	16	16	20.7	
CONOWINGO DAM	07	MAX	49	49	41	39	47	31	27	35	38	41	55	59	32	41	26	45	45	50	35	22	25	29	32	25	28	26	32	40	38	39	40	37.5	
		MIN	44	37	26	25	25	15	11	17	28	36	37	27	20	17	17	24	27	35	16	13	13	20	16	18	23	10	10	22	17	15	17	21.9	
CYLBURN	08	MAX	68	52	51	51	35	31	39	42	45	65	69	37	44	44	50	48	58	37	22	25	29	32	26	26	30	35	49	41	41	41	42	42.1	
		MIN	49	33	31	31	12	13	13	30	38	45	29	23	17	17	24	31	34	15	12	12	16	17	19	19	14	16	34	19	21	21	22	23.5	
DAMASCUS 3 SSW	22	MAX	39	43	49	34	27	37	40	47	56	36	40	26	47	48	51	36	30	22	25	29	25	24	25	36	46	46	40	38	42	57	38.0		
		MIN	29	28	30	19	10	14	26	34	38	36	22	21	15	17	33	33	29	12	10	14	18	15	18	14	18	28	19	18	27	19	36	22.6	
EMMITSBURG 2 SE	07	MAX	51	40	45	50	35	33	39	42	38	49	56	33	40	26	48	47	50	37	31	27	27	34	26	26	32	36	44	42	38	40	42	38.8	
		MIN	37	30	28	28	12	11	11	18	33	38	24	22	17	17	22	25	34	15	12	12	16	16	16	16	4	4	14	8	5	13	12	18.4	
FREDERICK 2 NNE	07	MAX																																M	
		MIN																																M	
MILLERS 4 NE	18	MAX	39	42	47	34	29	40	39	38	44	56	39	39	34	47	54	49	39	31	24	26	30	25	22	29	34	47	43	40	37	42	58	38.6	
		MIN	33	27	26	21	10	10	20	34	36	39	21	18	13	19	31	38	30	13	9	14	19	15	18	15	12	26	31	13	26	15	29	22.0	
SMITHSBURG 2NW	08	MAX	46	36	42	45	30	31	36	41	39	50	53	30	37	28	48	48	45	34	18	29	23	29	29	23	25		47	35	38	36	43	36.5	
		MIN	34	26	26	26	6	6	11	17	29	37	19	17	14	14	23	27	31	11	9	9	11	10	10	1	6		28	6	6	9	12	16.4	
APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND 2	18	MAX	48	39	44	48	34	34	44	45	35	44	55	33	41	34	54	44	46	35	20	22	27	28	24	27	37	41	48	38	39	36	48	38.5	
		MIN	35	31	32	28	10	9	10	16	21	33	21	20	12	13	27	27	34	9	8	9	10	14	15	13	11	11	28	11	12	20	20	18.4	
FROSTBURG 2	07	MAX	38	31	35	37	24	26	37	40	33	41	46	21	31	27	43	47	37	29	9	13	20	18	17	18	24	31	47	34	38	31	45	31.2	
		MIN	27	23	23	20	2	2	10	18	24	32	12	13	5	4	26	33	26	1	1	1	4	7	12	11	11	21	31	14	13	18	25	15.2	
SHARPSBURG 5 S	07	MAX																																M	
		MIN																																M	
ALLEGHENY PLATEAU 08																																			
OAKLAND 1 SE	07	MAX	39	31	38	42	24	30	44	52	52	55	46	30	31	29	47	49	38	29	10	13	26	21	21	17	27	45	48	48	42	28	56	35.7	
		MIN	27	24	24	21	3	3	6	11	11	29	12	12	6	6	23	23	25	3	2	-6	-4	-1	-1	12	5	6	26	1	2	8	18	10.9	
SAVAGE RIVER DAM	08	MAX	43	34	38	40	29	25	36	40	32	42	41	24	34	31	45	42	41	32	12	15	22	22	18	22	26	34	48	32	42	33	43	32.8	
		MIN	31	29	29	28	7	5	8	15	21	31	18	17	11	10	27	27	30	8	7	6	5	7	9	16	13	13	26	9	9	14	19	16.3	
SINES DEEP CREEK	07	MAX					46	29	40	43		43	29	25	25	43				35	7	12	25	18		24	35	43	27	40			M		
		MIN					2	2	7	6		12	12	5	5	23				1	2	-2	-2	2		4	5	24	1	3			M		
DELAWARE NORTHERN 01																																			
WILMINGTON NEW CASTLE CO AP	24	MAX	43	45	51	35	33	40	45	44	54	66	37	45	30	47	50	54	39	30	28	34	37	27	30	29	36	49	44	42	42	40	55	41.3	
		MIN	32	25	24	15	12	13	25	35	42	37	24	20	20	24	26	36	27	16	15	19	22	17	23	18	13	19	25	18	23	22	26	23.0	
WILMINGTON PORTER RSCH	24	MAX	41	42	46	32	29	38	43	43	52	64	37	42	26	44	48	53	38	29	24	34	34	25	28	28	37	48	44	40	40	39	53	39.4	
		MIN	32	28	30	13	11	13	25	36	36	36	23	22	18	22	32	38	27	14	13	19	22	18	21	19	18	29	27	23	26	24	30	24.0	
SOUTHERN 02																																			
DOVER	16	MAX	52	45	53	35	32	44	46	48	55	65	50	46	43	50	55	53	42	32	28	34	36	34	32	32	41	53	48	46	44	44	60	44.5	

MARYLAND AND DELAWARE
201601

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	38	29	28	30	14	11	24	36	39	50	26	21	19	21	32	42	32	20	12	17	20	18	24	20	12	29	37	19	26	23	35	25.9

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-	-	-	6.0	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-		
SALISBURY 2N	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-	-	-	T	1.2	T	2.1	-	-	-	-	-	-		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	T	1	4	4	3	T	-	-	-	-		
SALISBURY FAA AP	SNOWFALL																															
	SN ON GND																															
SNOW HILL 4 N	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	1.0	T	-	1.0	-	-	-	-	-	-		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	1	1	-	1	-	-	-	-	-	-		
CENTRAL EASTERN SHORE 02																																
ROYAL OAK 2 SSW	SNOWFALL				T												0.5				0.5	1.0	10.0	3.0								
	SN ON GND																				T	1	10	10	9	6	3	3	2	2	T	
LOWER SOUTHERN 03																																
MECHANICSVILLE 5 NE	SNOWFALL					-			-	-	-	-	-	-	-	-	-	T			1.0		11.0	3.0			-		-	-		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	T	11	14	12	11	7	6	5	5	4	
SOLOMONS	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	T	-	T	-	-	1.5	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	T	T	-	-	6	5	T	-	-	-	-	-	
UPPER SOUTHERN 04																																
BALTIMORE WASH INTL AP	SNOWFALL											T					0.1				0.7	T	3.7	25.5	T						T	
	SN ON GND																				1		12	26	24	22	13	10	8	8	7	
BELTSVILLE	SNOWFALL																					0.8	14.0	6.0								
	SN ON GND																				1		14	18	14	12	10	9	8	7	6	
DALECARLIA RSVR	SNOWFALL								-	-												1.0	14.0	12.0	-	-	-	-	-	-	-	
	SN ON GND								-	-												1	14	22	-	12	-	12	-	-	-	
	WTR EQUIV								-	-												1.0	6.0	12.3	-	10.2		6.0				
MARYLAND SCIENCE CENTER NATL ARBORETUM DC	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	16	13	10	6	-	5	5	
	WTR EQUIV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OXON HILL	SNOWFALL					T																0.3		5.0	13.0							T
	SN ON GND																					1	T	5	18	18	14	12	10	10	10	8
UPPER MARLBORO 3 NNW	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	T	-	-	-	-	0.4	-	-	0.9	-	12.0	6.1	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	1	-	12	18	16	13	8	7	5	4	2	
NORTHERN EASTERN SHORE 05																																
STEVENSVILLE 2SW	SNOWFALL																					0.4		12.5	5.2							
	SN ON GND																					1	T	12	18	18	15	10	6	4	2	1
SUDLERSVILLE 1S	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	0.8	2.0	19.5	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)

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	
NORTHERN CENTRAL 06 ABERDEEN PHILLIPS FLD	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	T	2	16	18	16	8	4	3	2	-			
	SNOWFALL																		T		T		-	29.5							T		
BRIGHTON DAM	SN ON GND																		T		T										4	3	
	SNOWFALL																				0.1		28.0	0.5									
CONOWINGO DAM	SN ON GND																																
	WTR EQUIV					-	-																	28.5	-	-	-	-	-	-	-	-	
CYLBURN	SN ON GND																																
	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	
DAMASCUS 3 SSW	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	12	12	-
	SNOWFALL				T							0.3						0.4			0.7	0.1	5.1	24.0	T					0.4			
EMMITSBURG 2 SE	SN ON GND											T					T	T	T	1	T	5	27	26	24	19	16	14	14	13	11		
	SNOWFALL												T																	T			
FREDERICK 2 NNE MILLERS 4 NE	SN ON GND																																
	WTR EQUIV																							26.0	24.0	-	-	-	-	-	-	-	12.0
SMITHSBURG 2NW APPALACHIAN MOUNTAIN 07	SN ON GND																																
	SNOWFALL				T							0.4	0.3				0.3	T			0.3	0.5	26.0	1.5						0.1			
CUMBERLAND 2	SN ON GND																																
	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	T	-	-	0.1	-	17.4	4.6	-	-	-	-	-	0.3	-		
FROSTBURG 2	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	21	18	16	12	10	9	9	8	
	SNOWFALL	-	T	-	0.6	0.1					0.6	1.6	T				0.3	1.4	0.1	1.4	T	18.2	3.5	-	-	-	-	-	0.7	0.4			
SHARPSBURG 5 S WILLIAMSPORT	SN ON GND	-	-	-	1	1	T	T	T		1	T	2	2	1		T	2	2	2	3	2	19	22	20	19	14	12	12	10	9		
	WTR EQUIV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	-	-	2.1	-	-	
ALLEGHENY PLATEAU 08 OAKLAND 1 SE	SN ON GND																																
	SNOWFALL				0.5						0.5	0.2	2.4				0.5	4.0	1.0		3.5 ¹		16.5	20.0					1.0				
SAVAGE RIVER DAM	SN ON GND																																
	SNOWFALL	-	-	-	T	-	-	-	-	-	-	-	T	-	-	-	T	T	-	-	T	-	-	-	-	-	-	-	-	-	-	-	
SINES DEEP CREEK	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	T	-	-	T	T	25	27	26	24	16	15	15	13	9		
	SNOWFALL	-	-	-	-	1.5	-	-	-	-	-	0.5	-	3.5	-	-	-	3.0	0.2	-	3.0	0.2	-	-	35.0	-	-	0.5	0.2	-	-		
	SN ON GND	-	-	-	-	1	-	-	-	-	-	-	3	2	-	-	-	3	3	3	7	4	-	-	37	30	10	8	12	-	-		

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)

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						0.8					3.0	13.1	T						T		
	SN ON GND																			1				10	12	12	10	4	3	3	2	2	
	WTR EQUIV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	1.3	1.4	1.4	-	-	0.9	0.8	0.7	
WILMINGTON PORTER RSCH	SNOWFALL																	T					8.2	6.3									
	SN ON GND																	T					8	14	-	-	-						
SOUTHERN 02 DOVER	SNOWFALL																	T					0.4	0.5	11.5	1.0					T		
	SN ON GND																							1	12	13	10	6	3	2	1		
	SNOWFALL																																
FRANKFORD	SNOWFALL																																

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

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

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

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M

Evaporation: Is measured in hundreths of inches.

Wind: Is measured in miles.

Max and Min: The maximum and minimum temperatures (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
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
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
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		H
DELAWARE										
DOVER	2730	02	KENT	39 9	75 30W	30	16	16		H
FRANKFORD	3500	02	SUSSEX	38 32	75 14W	41		07		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 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 stated 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 | 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.

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 summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains 3 hourly weather observations for that month and a hourly summary of precipitation. Annual LCD publications contain a summary of the past calendar year as well as historical averages and extremes.

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