

Summary of Monthly Normals 1991-2020

Generated on 06/07/2026

Current Location: Elev: 2170 ft. Lat: 39.6597° N Lon: 78.9361° W
 Station: **FROSTBURG 2, MD US USC00183415**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	33.9	18.5	26.2	4.4	4.8	4.5	0.1	0.0	0.0	0.0	0.0	0.0	892.7	954.5	1047.7	1202.7	0.0	0.0	3.5	14.5	27.7	2.0
02	37.2	19.9	28.6	5.1	4.5	4.7	0.6	0.3	0.1	0.0	0.0	0.0	741.1	796.7	880.6	1020.6	0.0	0.0	4.6	10.0	24.8	1.2
03	46.2	26.4	36.3	5.1	3.9	4.4	7.3	4.4	1.9	0.4	0.0	0.0	586.9	646.0	736.5	890.0	0.0	0.0	11.5	4.8	22.5	0.1
04	59.4	36.8	48.1	3.3	2.4	2.7	46.6	33.3	18.1	4.6	0.4	0.1	253.7	300.4	375.2	511.6	0.0	0.0	22.9	0.3	9.6	0.0
05	68.1	46.8	57.4	3.9	3.6	3.6	148.5	113.5	71.1	24.8	4.6	1.7	72.6	99.6	150.2	258.8	0.0	0.0	29.6	0.0	0.9	0.0
06	75.3	55.3	65.3	2.0	1.6	1.6	315.2	260.1	183.5	80.4	21.4	9.3	6.3	11.2	24.6	71.5	0.0	0.0	30.0	0.0	0.0	0.0
07	79.4	59.4	69.4	2.7	2.3	2.4	446.3	384.4	292.5	152.0	52.0	27.1	0.0	0.1	1.1	15.6	0.0	0.9	31.0	0.0	0.0	0.0
08	78.1	58.1	68.1	2.3	2.2	2.1	406.2	344.6	254.5	122.1	35.8	17.6	0.2	0.6	3.5	26.1	0.0	0.3	31.0	0.0	0.0	0.0
09	71.9	51.7	61.8	3.0	2.4	2.3	226.0	178.6	117.1	44.7	10.3	4.8	22.2	34.7	63.1	140.8	0.0	0.1	30.0	0.0	0.0	0.0
10	60.3	40.9	50.6	2.6	2.5	2.3	53.1	36.3	18.5	4.7	0.5	0.1	189.5	234.6	309.9	451.1	0.0	0.0	26.2	0.0	4.3	0.0
11	48.5	31.4	40.0	4.7	3.5	4.0	7.4	4.2	1.3	0.1	0.0	0.0	458.9	515.6	602.8	751.6	0.0	0.0	13.8	2.6	16.6	0.0
12	38.0	23.9	30.9	5.0	4.4	4.6	1.2	0.6	0.2	0.0	0.0	0.0	746.6	808.0	900.7	1055.5	0.0	0.0	4.8	10.3	25.8	0.2
Summary	58.0	39.1	48.6	3.7	3.2	3.3	1658	1360	959	434	125	61	3971	4402	5096	6396	0.0	1.3	238.9	42.5	132.2	3.5

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	3.36	15.2	7.3	2.1	0.6	2.26	3.15	4.15	
02	3.03	12.7	7.0	1.6	0.4	2.01	2.61	3.66	
03	3.97	13.4	7.8	2.6	0.8	3.01	4.19	4.82	
04	4.00	13.9	8.5	2.6	0.8	2.71	4.08	4.84	
05	5.18	15.5	10.0	3.5	1.2	3.36	4.98	6.76	
06	4.61	13.8	8.6	3.1	1.3	3.39	4.43	5.71	
07	3.70	11.5	7.4	2.5	0.7	3.09	3.59	4.13	
08	3.55	11.2	6.9	2.3	0.7	2.36	3.20	4.91	
09	4.21	10.9	6.8	2.3	1.0	1.82	3.28	5.31	
10	3.25	11.3	6.6	2.1	0.7	1.76	3.36	4.60	
11	2.92	10.5	5.5	2.0	0.7	1.93	2.88	4.09	
12	3.43	13.0	7.1	2.4	0.7	2.46	3.20	4.32	
Summary	45.21	152.9	89.5	29.1	9.6	30.16	42.95	57.30	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	19.00	11.6	5.7	1.7	0.7	0.2	20.7	13.9	9.2	3.4	10.00	15.40	21.50
02	19.00	9.6	5.7	2.1	0.6	0.1	18.8	14.7	11.1	5.5	8.00	16.00	24.90
03	14.90	7.2	3.8	1.8	0.8	0.2	12.4	8.6	6.5	3.1	4.00	10.50	20.80
04	1.80	1.7	0.7	0.2	0.0	0.0	1.0	0.2	0.1	0.0	0.10	0.70	3.10
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.40	0.4	0.2	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
11	4.00	2.5	1.1	0.4	0.2	0.0	3.3	1.3	0.9	0.6	0.60	1.60	3.80
12	13.00	7.8	4.0	1.5	0.5	0.0	13.6	8.6	5.5	1.4	4.30	11.50	16.90
Summary	72.1	40.8	21.2	7.7	2.8	0.5	70.0	47.4	33.3	14.0	27.0	55.7	91.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	19.3	23.1	89.4	279.5	541.9	759.0	911.3	871.0	654.0	341.9	120.3	34.1
45	7.3	8.7	46.1	175.7	392.3	609.0	756.3	716.0	504.8	214.0	59.6	14.1
50	2.0	2.8	21.2	97.4	256.9	460.0	601.3	561.0	359.5	117.0	23.7	4.7
55	0.1	0.6	7.3	46.6	148.5	315.2	446.3	406.2	226.0	53.1	7.4	1.2
60	0.0	0.1	1.9	18.1	71.1	183.5	292.5	254.5	117.1	18.5	1.3	0.2
Growing Degree Units for Corn (Monthly)												
50/86	8.4	13.9	59.3	172.8	312.7	469.9	598.4	561.0	386.8	184.1	62.6	15.9

Growing Degree Units (Accumulated Monthly)												
40	19	42	132	411	953	1712	2624	3494	4148	4490	4611	4645
45	7	16	62	238	630	1239	1995	2711	3216	3430	3490	3504
50	2	5	26	123	380	840	1442	2003	2362	2479	2503	2507
55	0	1	8	55	203	518	965	1371	1597	1650	1657	1658
60	0	0	2	20	91	275	567	822	939	957	959	959
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	22	82	254	567	1037	1635	2196	2583	2767	2830	2846

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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