

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 689 ft. Lat: 43.3144° N Lon: 90.8486° W
Station: **GAYS MILLS, WI US USC00473022**

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	27.3	7.0	17.1	4.8	7.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	1173.0	1235.0	1328.1	1483.2	0.0	0.0	0.6	20.2	30.5	11.6
02	32.1	10.9	21.5	5.8	8.6	7.1	0.0	0.0	0.0	0.0	0.0	0.0	937.8	993.8	1077.9	1218.0	0.0	0.0	1.9	14.3	27.1	8.0
03	44.8	23.4	34.1	5.2	4.9	4.9	6.4	4.7	2.8	0.7	0.0	0.0	654.3	714.7	805.8	958.7	0.0	0.0	9.3	5.3	26.1	1.6
04	58.3	34.5	46.4	4.3	3.3	3.5	31.3	21.3	10.8	2.8	0.4	0.1	289.3	339.4	418.8	560.8	0.0	0.0	22.0	0.2	14.3	0.0
05	70.1	46.0	58.0	3.6	3.4	3.2	161.2	124.7	79.9	32.5	9.6	5.2	66.6	92.2	140.3	247.9	0.0	0.4	29.9	0.0	2.6	0.0
06	79.7	56.7	68.2	2.5	2.0	2.0	398.1	340.6	258.4	138.0	53.2	32.5	2.3	4.8	12.5	42.1	0.0	2.1	30.0	0.0	0.0	0.0
07	83.2	60.9	72.0	3.3	2.7	2.8	528.4	466.5	374.3	227.2	105.4	70.3	0.0	0.1	0.8	8.7	0.1	4.1	31.0	0.0	0.0	0.0
08	81.5	58.9	70.2	2.5	3.0	2.6	471.1	409.4	318.3	178.2	72.5	45.2	0.1	0.4	2.1	17.0	0.0	2.3	31.0	0.0	0.0	0.0
09	74.2	49.9	62.0	3.5	3.0	2.9	239.0	193.1	133.5	60.1	19.1	10.7	27.6	41.8	72.1	148.7	0.0	0.7	29.9	0.0	0.9	0.0
10	60.9	37.3	49.1	3.3	2.8	2.6	46.4	31.9	16.6	5.0	1.1	0.7	229.3	276.8	354.5	497.9	0.0	0.0	25.7	0.0	12.6	0.0
11	45.3	26.3	35.8	6.2	4.3	5.1	3.3	1.9	0.7	0.2	0.0	0.0	579.3	637.9	726.7	876.2	0.0	0.0	10.2	4.2	23.9	0.4
12	32.7	15.1	23.9	5.1	6.6	5.7	0.1	0.1	0.0	0.0	0.0	0.0	964.1	1026.0	1119.0	1274.0	0.0	0.0	1.4	14.6	29.1	5.8
Summary	57.5	35.6	46.5	4.2	4.3	4.0	1885	1594	1195	645	261	165	4924	5363	6059	7333	0.1	9.6	222.9	58.8	167.1	27.4

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	1.32	8.1	3.8	0.8	0.1	0.75	1.18	1.90	
02	1.17	6.4	3.2	0.7	0.1	0.75	1.08	1.63	
03	2.03	7.6	4.4	1.3	0.2	1.02	1.78	2.99	
04	3.89	9.2	6.8	2.9	1.0	2.55	3.59	5.28	
05	4.24	10.7	7.9	2.8	0.8	2.99	3.63	4.59	
06	5.56	10.6	8.0	4.0	1.6	3.44	5.22	7.14	
07	4.83	8.4	6.7	3.4	1.5	2.80	4.85	6.27	
08	4.43	8.1	6.1	3.0	1.2	2.13	3.31	5.12	
09	3.90	8.2	6.1	2.7	1.1	1.69	2.64	5.31	
10	2.68	7.8	4.8	1.8	0.7	1.29	2.35	3.23	
11	2.10	6.6	3.7	1.3	0.5	1.30	1.96	2.64	
12	1.55	7.2	4.1	0.6	0.1	0.68	1.32	1.73	
Summary	37.70	98.9	65.6	25.3	8.9	21.39	32.91	47.83	

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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	10.80	6.0	3.8	1.4	0.5	0.1	23.2	18.6	13.3	5.3	5.70	9.20	13.10
02	7.80	4.7	3.0	1.0	0.4	0.0	23.3	19.8	15.6	5.3	2.50	7.10	11.50
03	5.90	3.0	1.9	0.6	0.2	0.0	10.2	6.5	4.5	2.2	2.80	4.30	9.30
04	1.60	0.8	0.6	0.2	0.0	0.0	1.1	0.4	0.1	0.0	0.00	0.00	2.30
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	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	1.90	1.7	0.9	0.3	0.1	0.0	2.4	0.5	0.2	0.0	0.00	1.00	2.50
12	9.70	5.0	3.1	1.1	0.4	0.0	15.2	9.8	9.0	3.0	2.40	6.40	12.60
Summary	37.8	21.3	13.3	4.6	1.6	0.1	75.4	55.6	42.7	15.8	13.4	28.0	51.3

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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	0.3	6.0	63.2	234.0	560.5	845.8	993.4	936.1	661.6	303.6	66.5	6.6
45	0.0	1.4	29.6	135.8	410.3	695.8	838.4	781.1	513.0	187.3	29.1	2.1
50	0.0	0.1	13.6	69.6	272.9	546.0	683.5	626.1	369.2	101.3	10.6	0.6
55	0.0	0.0	6.4	31.3	161.2	398.1	528.4	471.1	239.0	46.4	3.3	0.1
60	0.0	0.0	2.8	10.8	79.9	258.4	374.3	318.3	133.5	16.6	0.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.8	5.0	46.5	154.3	341.1	546.6	665.7	618.2	413.1	191.3	42.8	4.0

Growing Degree Units (Accumulated Monthly)												
40	0	6	70	304	864	1710	2703	3639	4301	4604	4671	4678
45	0	1	31	167	577	1273	2111	2892	3405	3593	3622	3624
50	0	0	14	83	356	902	1586	2212	2581	2682	2693	2694
55	0	0	6	38	199	597	1125	1596	1836	1882	1885	1885
60	0	0	3	14	94	352	726	1044	1178	1195	1195	1195
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	6	52	207	548	1094	1760	2378	2791	2983	3025	3029

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