

Summary of Monthly Normals
1991-2020

Current Location: Elev: 881 ft. Lat: 43.4389° N Lon: 88.6314° W
Station: **HORICON WWTP, WI US USC00473756**

Generated on 05/22/2024

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	25.3	8.6	17.0	4.9	6.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	1179.3	1241.4	1334.4	1489.4	0.0	0.0	0.3	21.3	30.4	9.2
02	29.5	11.4	20.4	5.8	6.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	967.3	1023.3	1107.3	1247.4	0.0	0.0	1.0	16.0	27.1	6.2
03	41.1	22.6	31.8	5.0	4.9	4.9	5.0	3.7	2.1	0.5	0.0	0.0	722.7	783.4	874.8	1028.2	0.0	0.0	7.3	6.2	25.6	1.3
04	54.5	34.2	44.3	4.0	3.2	3.5	21.3	14.2	6.9	1.5	0.2	0.1	340.8	393.7	476.4	621.0	0.0	0.0	20.5	0.5	11.7	0.0
05	66.9	45.9	56.4	3.5	3.1	3.1	133.0	101.6	65.3	27.1	7.2	3.3	89.7	120.3	176.9	293.8	0.0	0.2	29.9	0.0	1.1	0.0
06	76.3	55.8	66.0	2.6	1.9	2.1	337.4	282.4	205.4	100.9	35.0	20.1	6.0	11.0	24.0	69.5	0.0	1.4	30.0	0.0	0.0	0.0
07	80.2	59.9	70.1	3.1	2.9	2.9	466.5	404.7	313.3	172.6	69.8	42.7	0.1	0.2	1.8	16.1	0.2	2.6	31.0	0.0	0.0	0.0
08	78.4	58.1	68.3	2.5	2.6	2.4	411.0	350.0	261.0	129.6	43.4	24.3	0.4	1.3	5.3	28.9	0.0	1.0	31.0	0.0	0.0	0.0
09	71.7	50.0	60.9	3.3	2.7	2.7	212.9	170.0	113.9	46.9	13.1	6.7	37.5	54.6	88.5	171.5	0.0	0.5	29.9	0.0	0.4	0.0
10	58.4	38.3	48.3	3.3	3.0	2.9	42.2	29.0	15.4	4.2	1.2	0.6	248.4	297.2	376.6	520.3	0.0	0.0	25.0	0.0	8.3	0.0
11	43.5	26.8	35.1	5.6	4.3	4.9	2.4	1.2	0.2	0.0	0.0	0.0	597.9	656.7	745.7	895.5	0.0	0.0	9.7	4.5	21.2	0.1
12	30.8	15.9	23.3	4.8	6.1	5.4	0.1	0.0	0.0	0.0	0.0	0.0	981.1	1043.1	1136.1	1291.1	0.0	0.0	1.5	15.2	29.1	3.8
Summary	54.7	35.6	45.2	4.0	4.0	3.9	1632	1357	984	483	170	98	5171	5626	6348	7673	0.2	5.7	217.1	63.7	154.9	20.6

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	1.45	8.7	4.2	0.7	0.0	0.83	1.40	1.98
02	1.33	8.2	3.6	0.7	0.1	0.76	1.26	1.94
03	1.91	8.6	4.8	1.0	0.2	0.75	1.89	2.68
04	3.75	10.7	6.8	2.6	1.0	2.89	3.48	5.00
05	3.88	11.9	7.5	2.6	0.8	2.92	3.63	4.87
06	4.98	10.8	7.9	3.3	1.5	3.58	5.14	5.96
07	4.22	10.0	6.9	2.7	1.1	2.90	3.84	4.97
08	3.70	9.0	6.4	2.5	1.0	2.16	2.72	4.09
09	3.42	8.7	5.9	2.3	0.8	2.29	3.32	4.19
10	3.05	9.9	6.0	2.1	0.6	1.25	2.84	4.13
11	1.94	8.6	4.3	1.3	0.3	1.24	1.72	2.22
12	1.67	9.0	4.4	0.8	0.2	0.87	1.38	2.00
Summary	35.30	114.1	68.7	22.6	7.6	22.44	32.62	44.03

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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	10.90	6.3	3.5	1.2	0.4	0.0	24.0	18.3	13.3	4.3	7.10	10.20	13.80
02	10.10	6.0	3.0	1.1	0.5	0.0	22.4	17.3	12.1	4.6	5.30	9.00	13.30
03	5.20	2.9	1.5	0.5	0.3	0.0	9.9	6.2	4.0	0.5	1.90	3.80	8.10
04	1.70	0.8	0.5	0.3	0.1	0.0	0.9	0.5	0.1	0.0	0.00	0.00	2.40
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	0.2	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
11	2.30	1.7	0.9	0.2	0.0	0.0	3.1	0.9	0.2	0.0	0.00	1.00	3.20
12	10.20	5.6	3.1	1.2	0.4	0.0	15.7	9.9	6.6	2.4	2.70	6.70	14.10
Summary	40.8	23.5	12.7	4.6	1.7	0.0	76.2	53.2	36.3	11.8	17.0	30.7	54.9

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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	4.2	46.2	190.2	509.7	781.4	931.4	875.6	625.6	284.5	62.0	5.7
45	0.0	1.2	22.6	105.2	362.1	631.4	776.4	720.6	477.7	174.0	25.4	2.0
50	0.0	0.2	10.3	51.2	232.9	482.1	621.5	565.7	336.7	93.3	9.2	0.6
55	0.0	0.0	5.0	21.3	133.0	337.4	466.5	411.0	212.9	42.2	2.4	0.1
60	0.0	0.0	2.1	6.9	65.3	205.4	313.3	261.0	113.9	15.4	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	2.3	29.6	113.1	292.1	488.8	614.3	566.3	376.2	158.8	32.8	2.6
Growing Degree Units (Accumulated Monthly)												
40	0	4	51	241	751	1532	2463	3339	3965	4249	4311	4317
45	0	1	24	129	491	1122	1899	2620	3097	3271	3297	3299
50	0	0	10	62	295	777	1398	1964	2301	2394	2403	2404
55	0	0	5	26	159	497	963	1374	1587	1629	1632	1632
60	0	0	2	9	74	280	593	854	968	983	984	984
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	32	145	437	926	1540	2107	2483	2642	2674	2677

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