

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1092 ft. Lat: 44.1186° N Lon: 89.5358° W

Station: HANCOCK EXP FARM, WI US USC00473405

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	24.9	6.9	15.9	4.7	6.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1211.8	1273.8	1367.0	1521.9	0.0	0.0	0.3	22.8	30.5	9.9
02	29.6	9.7	19.6	5.4	6.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	989.7	1045.7	1129.8	1269.7	0.0	0.0	1.0	17.1	27.3	7.0
03	41.3	21.2	31.3	5.3	5.0	5.1	4.8	3.4	2.0	0.5	0.0	0.0	741.1	801.7	893.2	1046.8	0.0	0.0	6.8	6.3	25.6	1.9
04	55.1	32.9	44.0	4.6	3.3	3.8	22.2	14.8	7.4	2.0	0.3	0.1	352.2	404.8	487.4	632.0	0.0	0.0	19.9	0.6	13.6	0.0
05	68.1	45.2	56.6	3.7	3.1	3.3	141.3	109.4	71.0	29.9	9.2	5.1	90.3	120.4	174.8	288.8	0.0	0.4	29.9	0.0	2.4	0.0
06	77.4	55.2	66.3	2.5	2.0	2.1	344.8	290.1	212.7	106.1	37.8	22.2	5.9	11.2	23.7	67.2	0.0	1.4	30.0	0.0	0.0	0.0
07	81.5	58.8	70.1	3.3	2.7	2.9	469.7	408.1	317.2	178.4	74.2	45.8	0.1	0.5	2.5	18.8	0.2	2.7	31.0	0.0	0.0	0.0
08	79.3	57.3	68.3	2.5	2.5	2.3	412.9	352.2	263.9	135.2	49.2	29.0	0.7	2.0	6.7	33.0	0.0	1.7	31.0	0.0	0.0	0.0
09	71.6	49.3	60.4	3.3	2.9	2.8	204.7	162.9	108.7	45.8	13.4	7.1	41.3	59.5	95.3	182.4	0.0	0.5	29.8	0.0	0.6	0.0
10	58.1	37.4	47.8	3.2	2.4	2.6	37.9	26.2	14.2	3.9	0.9	0.4	262.7	313.0	393.9	538.6	0.0	0.0	24.1	0.0	8.7	0.0
11	42.6	25.6	34.1	6.2	4.6	5.3	2.0	0.9	0.1	0.0	0.0	0.0	629.0	687.9	777.1	927.0	0.0	0.0	8.2	5.6	22.0	0.3
12	29.9	13.8	21.8	4.7	6.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1027.5	1089.5	1182.6	1337.5	0.0	0.0	0.8	18.1	29.6	5.2
Summary	54.9	34.4	44.7	4.1	4.0	3.9	1640	1368	997	502	185	110	5352	5810	6534	7864	0.2	6.7	212.8	70.5	160.3	24.3

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	1.14	8.5	3.9	0.4	0.0	0.78	1.06	1.34
02	0.97	7.5	3.0	0.3	0.0	0.63	0.96	1.16
03	1.86	8.1	4.6	1.0	0.2	0.89	1.79	2.49
04	3.57	10.8	6.6	2.5	0.6	2.68	3.64	4.49
05	4.19	12.3	8.2	2.9	0.8	3.02	3.86	5.22
06	4.95	11.8	8.2	3.5	1.2	3.33	4.19	6.76
07	4.15	10.3	6.7	2.8	1.1	2.37	3.43	4.58
08	4.02	9.4	6.6	3.1	1.2	2.81	3.58	5.27
09	3.31	9.8	6.5	1.9	0.7	2.13	2.84	3.85
10	2.71	10.0	5.9	1.7	0.4	1.80	2.40	3.51
11	1.98	7.8	4.3	1.1	0.4	1.43	1.91	2.50
12	1.42	8.4	3.8	0.5	0.1	0.63	1.40	1.84
Summary	34.27	114.7	68.3	21.7	6.7	22.50	31.06	43.01

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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	12.80	6.5	4.7	1.6	0.4	0.1	26.3	20.1	14.9	7.9	7.80	9.30	15.90
02	8.20	5.6	3.7	1.3	0.5	0.1	24.9	18.7	15.1	7.0	5.20	7.60	10.40
03	8.30	3.6	2.7	1.0	0.5	0.1	15.9	11.7	7.8	2.5	4.00	5.40	9.90
04	2.70	1.2	1.0	0.5	0.2	0.0	2.3	1.0	0.3	0.1	0.00	0.70	3.00
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	0.30	0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	3.30	2.1	1.4	0.4	0.2	0.0	3.6	1.5	1.0	0.0	0.00	1.30	4.90
12	7.50	6.7	4.6	1.7	0.6	0.0	20.6	14.4	9.8	3.8	5.20	6.30	8.90
Summary	43.1	25.9	18.2	6.5	2.4	0.3	93.8	67.4	48.9	21.3	22.2	30.6	53.0

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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	0.1	2.4	44.5	186.8	517.9	788.8	934.4	877.1	613.6	269.8	54.3	3.4
45	0.0	0.6	21.9	104.6	371.9	638.8	779.4	722.1	466.2	161.6	22.7	1.0
50	0.0	0.1	10.6	52.1	243.0	489.4	624.5	567.2	326.6	85.6	7.8	0.2
55	0.0	0.0	4.8	22.2	141.3	344.8	469.7	412.9	204.7	37.9	2.0	0.0
60	0.0	0.0	2.0	7.4	71.0	212.7	317.2	263.9	108.7	14.2	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	1.8	30.6	121.9	309.1	498.1	615.5	567.2	371.4	153.9	31.0	1.8

Growing Degree Units (Accumulated Monthly)												
40	0	2	47	234	752	1540	2475	3352	3966	4235	4290	4293
45	0	1	22	127	499	1138	1917	2639	3105	3267	3290	3291
50	0	0	11	63	306	795	1420	1987	2314	2399	2407	2407
55	0	0	5	27	168	513	983	1396	1600	1638	1640	1640
60	0	0	2	9	80	293	610	874	983	997	997	997
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	32	154	463	962	1577	2144	2516	2670	2700	2702

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