

## Summary of Monthly Normals 1981-2010

Elev: 885 ft. Lat: 44.866° N Lon: 91.488° W

Generated on 06/03/2015

Station: **EAU CLAIRE REGIONAL AIRPORT, WI US GHCND:USW00014991**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
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
1	23.4	5.4	14.4	5.7	6.7	6.1	0	0	0	0	0	0	1258	1320	1413	1568	0.0	0.0	0.2	22.5	30.7	11.0
2	28.9	9.9	19.4	5.7	6.7	6.1	-7777	-7777	-7777	0	0	0	997	1053	1137	1277	0.0	0.0	0.6	15.8	27.1	7.7
3	41.1	21.6	31.4	4.9	3.9	4.3	3	2	1	-7777	-7777	0	736	797	889	1043	0.0	0.0	6.4	5.9	25.7	1.5
4	57.7	34.2	46.0	4.4	3.0	3.5	32	23	13	4	1	-7777	303	354	435	576	0.0	0.0	21.5	0.4	12.2	0.0
5	69.8	45.4	57.6	3.9	3.0	3.2	149	114	71	28	8	4	69	95	146	257	0.0	0.4	30.3	0.0	1.8	0.0
6	78.6	55.3	66.9	3.0	2.5	2.5	363	307	229	120	47	29	5	9	21	62	-7777	2.3	30.0	0.0	0.0	0.0
7	82.9	60.2	71.6	3.5	2.4	2.8	513	451	359	214	98	66	-7777	-7777	1	11	0.2	4.7	31.0	0.0	0.0	0.0
8	80.3	58.3	69.3	2.8	2.5	2.5	444	383	293	161	65	40	1	1	5	28	0.1	2.2	31.0	0.0	0.0	0.0
9	71.4	48.9	60.2	3.3	2.5	2.7	199	158	107	48	16	9	45	64	102	194	0.0	0.3	29.6	0.0	0.9	0.0
10	57.9	36.8	47.3	3.4	3.1	2.9	35	24	12	4	1	1	272	323	405	551	0.0	0.0	23.3	0.2	9.7	0.0
11	41.4	24.5	32.9	5.7	4.4	4.9	2	1	-7777	-7777	0	0	663	723	812	962	0.0	0.0	7.4	6.1	23.3	0.7
12	27.1	10.6	18.8	6.2	6.9	6.4	-7777	0	0	0	0	0	1120	1182	1275	1430	0.0	0.0	0.5	19.4	30.0	7.6
Summary	55.0	34.3	44.7	4.4	4.0	4.0	1740	1463	1085	579	236	149	5469	5921	6641	7959	0.3	9.9	211.8	70.3	161.4	28.5

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

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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	.25	.50	.75
1	0.89	8.4	2.6	0.2	0.0	0.51	0.72	1.28
2	0.81	7.2	2.3	0.3	0.0	0.46	0.59	1.00
3	1.73	9.0	4.3	0.9	0.2	0.89	1.67	2.35
4	2.75	11.0	6.3	1.7	0.4	1.67	2.62	3.52
5	3.46	12.2	7.2	2.4	0.7	2.34	3.60	4.60
6	4.13	12.3	8.2	2.8	0.8	2.48	3.90	5.22
7	3.88	11.9	7.3	2.7	0.8	2.74	3.65	4.47
8	4.47	10.8	6.8	3.0	1.3	2.91	4.46	5.62
9	3.68	12.0	6.6	1.9	0.9	1.94	3.36	4.74
10	2.34	10.2	5.1	1.4	0.4	1.26	2.06	3.40
11	1.84	8.9	4.2	1.0	0.2	0.96	1.67	2.32
12	1.00	8.9	2.9	0.4	-7777	0.63	0.95	1.28
Summary	30.98	122.8	63.8	18.7	5.7	18.79	29.25	39.80

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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	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	13.2	9.2	3.5	1.4	0.5	-7777	28.5	23.2	18.9	8.7	5.4	9.3	19.3
2	7.3	7.0	2.6	0.7	0.1	0.0	25.0	21.8	17.5	9.3	4.6	7.5	10.6
3	8.6	4.7	2.0	1.0	0.4	0.1	14.1	9.9	7.1	2.7	2.2	7.8	13.3
4	1.9	1.8	0.7	0.1	0.0	0.0	1.0	0.3	0.1	0.0	0.0	1.6	2.8
5	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.4	0.5	0.3	-7777	0.0	0.0	0.2	-7777	0.0	0.0	0.0	0.0	0.2
11	5.9	4.6	1.9	0.6	0.2	0.0	5.7	3.2	2.0	0.0	1.9	4.2	9.0
12	9.5	9.2	3.7	0.8	0.5	0.0	23.5	16.2	10.5	3.4	5.2	7.1	12.9
Summary	46.8	37.0	14.7	4.6	1.7	0.1	98.0	74.6	56.1	24.1	19.3	37.5	68.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	-7777	2	38	226	546	808	978	908	605	257	46	2
45	0	-7777	18	134	396	658	823	753	458	152	19	1
50	0	-7777	7	69	260	509	668	598	320	79	6	-7777
55	0	-7777	3	32	149	363	513	444	199	35	2	-7777
60	0	-7777	1	13	71	229	359	293	107	12	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	-7777	1	27	149	332	514	647	593	366	151	27	1

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	2	40	266	812	1620	2598	3506	4111	4368	4414	4416
45	0	0	18	152	548	1206	2029	2782	3240	3392	3411	3412
50	0	0	7	76	336	845	1513	2111	2431	2510	2516	2516
55	0	0	3	35	184	547	1060	1504	1703	1738	1740	1740
60	0	0	1	14	85	314	673	966	1073	1085	1085	1085
Growing Degree Units for Corn (Monthly)												
50/86	0	1	28	177	509	1023	1670	2263	2629	2780	2807	2808

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

**M** indicates the value is missing

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