

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1870 ft. Lat: 41.397° N Lon: 98.392° W

Generated on 08/15/2016

Station: **WOLBACH, NE US GHCND:USC00259382**

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	0.50	3.6	1.1	0.2	0.1	0.16	0.36	0.54
2	0.58	4.9	1.8	0.2	0.1	0.27	0.52	0.81
3	1.54	5.3	2.9	0.7	0.3	0.61	1.21	2.24
4	2.44	7.3	5.7	1.9	0.7	1.28	2.12	3.60
5	4.27	9.3	7.9	3.1	1.3	2.73	3.97	5.57
6	4.08	9.4	7.7	2.9	1.1	2.74	3.49	5.43
7	3.67	6.7	5.6	2.7	1.2	1.98	2.80	4.64
8	2.79	6.0	5.2	1.8	0.7	1.70	2.23	3.68
9	2.81	5.1	4.1	1.6	0.7	1.48	2.77	3.55
10	2.14	5.4	4.3	1.4	0.6	1.16	1.92	2.96
11	1.19	3.2	1.8	0.6	0.3	0.31	0.98	1.69
12	0.63	3.7	1.7	0.2	0.1	0.13	0.34	0.97
Summary	26.64	69.9	49.8	17.3	7.2	14.55	22.71	35.68

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1870 ft. Lat: 41.397° N Lon: 98.392° W

Generated on 08/15/2016

Station: **WOLBACH, NE US GHCND:USC00259382**

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	6.1	3.0	1.6	0.8	0.3	0.0	@	@	@	@	2.9	6.8	8.2
2	6.1	3.6	2.0	0.8	0.2	0.0	@	@	@	@	2.7	5.7	8.3
3	2.6	0.9	0.7	0.3	0.3	0.1	@	@	@	@	0.0	0.2	2.2
4	0.7	0.3	0.2	0.2	0.1	0.0	@	@	@	@	0.0	0.0	0.0
5	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
7	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
9	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.4	0.1	0.1	0.1	0.1	0.0	@	@	@	@	0.0	0.0	0.0
11	1.1	0.7	0.4	0.2	0.1	0.0	@	@	@	@	0.0	0.0	1.0
12	4.2	2.5	1.3	0.4	0.1	0.0	@	@	@	@	0.0	2.1	8.9
Summary	21.2	11.1	6.3	2.8	1.2	0.1	0.0	0.0	0.0	0.0	5.6	14.8	28.6

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## Summary of Monthly Normals 1981-2010

Elev: 2500 ft. Lat: 41.408° N Lon: 99.675° W

Generated on 08/15/2016

Station: **BROKEN BOW 2 W, NE US GHCND:USC00251200**

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	35.8	11.6	23.7	6.8	5.6	6.0	0	0	0	0	0	0	970	1032	1125	1280	0.0	0.0	5.5	11.5	30.8	5.6
2	39.3	15.1	27.2	6.8	5.5	5.9	-7777	-7777	-7777	0	0	0	778	834	918	1058	0.0	0.0	7.6	8.9	26.8	3.5
3	49.0	23.2	36.1	4.6	3.6	3.6	3	1	-7777	-7777	-7777	0	589	649	741	896	0.0	0.0	15.6	4.1	26.0	0.6
4	59.9	32.8	46.3	4.7	3.0	3.3	34	24	13	4	1	-7777	294	343	423	563	0.0	0.1	22.8	0.6	13.6	0.0
5	69.4	44.9	57.2	3.5	3.0	2.9	143	109	67	24	5	2	77	104	156	267	-7777	0.3	30.0	0.0	2.0	0.0
6	79.1	55.4	67.3	4.0	2.8	3.2	373	318	239	128	53	34	6	10	22	61	0.1	3.4	29.9	0.0	0.0	0.0
7	85.1	60.9	73.0	3.2	2.3	2.5	558	496	404	258	133	93	-7777	-7777	1	10	0.6	8.1	31.0	0.0	0.0	0.0
8	83.3	58.6	70.9	3.4	2.5	2.7	495	435	345	206	96	65	1	2	6	22	0.2	6.5	31.0	0.0	0.0	0.0
9	75.2	47.8	61.5	3.7	2.7	2.8	235	192	136	66	23	13	40	57	91	171	0.0	2.0	29.6	0.0	1.3	0.0
10	62.8	34.7	48.8	3.8	2.6	2.6	43	29	15	4	-7777	-7777	237	285	364	507	0.0	0.1	26.2	0.3	11.9	0.0
11	47.7	22.1	34.9	6.7	3.6	4.8	3	1	-7777	-7777	0	0	606	664	753	903	0.0	0.0	13.5	4.8	26.0	1.0
12	36.3	12.7	24.5	6.9	4.9	5.8	0	0	0	0	0	0	945	1007	1100	1255	0.0	0.0	5.1	11.3	30.7	4.6
Summary	60.2	35.0	47.6	4.8	3.5	3.8	1887	1605	1219	690	311	207	4543	4987	5700	6993	0.9	20.5	247.8	41.5	169.1	15.3

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2500 ft. Lat: 41.408° N Lon: 99.675° W

Generated on 08/15/2016

Station: **BROKEN BOW 2 W, NE US GHCND:USC00251200**

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	0.34	2.9	1.0	0.1	0.0	0.12	0.29	0.46
2	0.49	4.2	1.7	0.2	0.0	0.16	0.40	0.66
3	1.41	6.5	3.3	0.9	0.3	0.64	1.18	2.22
4	2.50	9.1	5.1	1.6	0.5	1.09	2.28	3.31
5	3.81	10.4	7.1	2.5	0.9	2.35	3.48	4.20
6	4.03	10.0	6.7	2.8	1.0	2.26	3.17	5.95
7	3.20	7.9	5.6	2.2	0.8	1.46	3.29	4.46
8	2.45	7.1	4.8	1.8	0.6	1.66	2.17	3.31
9	2.09	6.5	4.0	1.2	0.4	0.84	2.04	2.93
10	1.68	6.4	4.0	1.1	0.2	0.61	1.42	2.39
11	0.89	4.5	2.2	0.5	0.1	0.27	0.77	1.41
12	0.40	2.9	1.0	0.1	0.0	0.10	0.33	0.60
Summary	23.29	78.4	46.5	15.0	4.8	11.56	20.82	31.90

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2500 ft. Lat: 41.408° N Lon: 99.675° W

Generated on 08/15/2016

Station: **BROKEN BOW 2 W, NE US GHCND:USC00251200**

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	4.0	2.1	1.4	0.6	0.2	-7777	@	@	@	@	0.6	3.8	6.8
2	5.7	2.6	1.9	0.8	0.2	-7777	@	@	@	@	2.3	3.0	8.0
3	5.3	1.9	1.5	0.6	0.4	0.0	@	@	@	@	0.0	2.0	8.5
4	2.7	0.7	0.6	0.3	0.2	-7777	@	@	@	@	0.0	0.0	5.7
5	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
7	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
9	-7777	0.1	0.1	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	1.7	0.6	0.5	0.4	0.1	0.0	@	@	@	@	0.0	0.0	0.2
11	5.0	1.7	1.4	0.7	0.3	0.1	@	@	@	@	0.7	2.5	8.0
12	6.5	2.1	1.8	0.8	0.4	0.1	@	@	@	@	2.0	4.0	10.0
Summary	30.9	11.8	9.2	4.2	1.8	0.2	0.0	0.0	0.0	0.0	5.6	15.3	47.2

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## Summary of Monthly Normals 1981-2010

Elev: 2500 ft. Lat: 41.408° N Lon: 99.675° W

Generated on 08/15/2016

Station: **BROKEN BOW 2 W, NE US GHCND:USC00251200**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	19	80	239	533	817	1023	959	646	304	70	6
45	1	5	36	145	384	668	868	804	500	191	33	1
50	-7777	1	13	76	252	519	713	649	360	102	11	-7777
55	0	-7777	3	34	143	373	558	495	235	43	3	0
60	0	-7777	-7777	13	67	239	404	345	136	15	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	17	30	85	178	322	517	676	627	411	219	73	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	26	106	345	878	1695	2718	3677	4323	4627	4697	4703
45	1	6	42	187	571	1239	2107	2911	3411	3602	3635	3636
50	0	1	14	90	342	861	1574	2223	2583	2685	2696	2696
55	0	0	3	37	180	553	1111	1606	1841	1884	1887	1887
60	0	0	0	13	80	319	723	1068	1204	1219	1219	1219
Growing Degree Units for Corn (Monthly)												
50/86	17	47	132	310	632	1149	1825	2452	2863	3082	3155	3171

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

**M** indicates the value is missing

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

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## Summary of Monthly Normals 1981-2010

Elev: 2605 ft. Lat: 41.598° N Lon: 99.826° W

Generated on 08/15/2016

Station: **ANSELMO 2 SE, NE US GHCND:USC00250245**

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	37.1	11.0	24.0	6.4	5.4	5.6	0	0	0	0	0	0	959	1021	1114	1269	0.0	0.0	6.1	10.5	30.7	6.2
2	40.3	14.3	27.3	6.5	5.6	5.8	-7777	-7777	0	0	0	0	776	831	915	1055	0.0	0.0	7.5	7.9	27.2	3.8
3	50.4	22.2	36.3	4.8	3.8	3.8	3	1	-7777	-7777	0	0	583	643	735	890	0.0	0.0	16.7	3.7	26.8	1.0
4	61.1	32.1	46.6	5.0	2.8	3.5	35	25	14	4	1	-7777	287	337	416	556	0.0	0.3	23.5	0.4	15.0	0.0
5	70.9	44.0	57.5	3.6	2.9	3.0	150	115	73	27	6	3	74	102	152	261	0.0	0.6	30.3	0.0	2.7	0.0
6	80.5	54.1	67.3	4.1	2.7	3.2	375	319	240	128	54	34	6	10	21	59	0.3	4.2	29.9	0.0	0.0	0.0
7	86.7	59.8	73.3	3.1	2.3	2.4	566	504	412	264	137	97	-7777	-7777	1	8	0.8	10.6	31.0	0.0	0.0	0.0
8	84.7	57.6	71.1	3.2	2.7	2.8	502	441	351	211	98	65	1	2	6	20	0.2	7.7	31.0	0.0	0.0	0.0
9	76.4	46.9	61.6	3.5	2.9	2.8	238	194	136	64	21	12	38	54	87	165	-7777	2.1	29.6	0.0	1.9	0.0
10	64.0	33.7	48.8	4.0	2.8	2.8	43	29	15	4	-7777	-7777	234	282	361	504	0.0	0.2	26.9	0.4	12.7	0.0
11	48.7	21.8	35.2	6.5	3.8	4.8	3	1	-7777	-7777	0	0	595	654	743	892	0.0	0.0	14.4	4.1	25.7	1.1
12	37.2	11.9	24.5	6.9	5.5	6.0	0	0	0	0	0	0	944	1006	1099	1254	0.0	0.0	6.1	10.5	30.7	4.8
Summary	61.5	34.1	47.8	4.8	3.6	3.9	1915	1629	1241	702	317	211	4497	4942	5650	6933	1.3	25.7	253.0	37.5	173.4	16.9

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2605 ft. Lat: 41.598° N Lon: 99.826° W

Generated on 08/15/2016

Station: **ANSELMO 2 SE, NE US GHCND:USC00250245**

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	0.50	3.2	1.2	0.2	0.1	0.15	0.36	0.57
2	0.62	3.8	1.9	0.2	0.1	0.25	0.49	0.81
3	1.35	6.0	3.6	0.8	0.2	0.66	0.94	1.86
4	2.84	8.2	5.6	2.0	0.7	1.70	2.45	3.42
5	3.79	9.9	7.0	2.4	1.1	2.40	3.19	5.23
6	4.02	10.1	6.8	2.8	1.0	2.46	3.39	5.39
7	3.14	7.7	5.5	2.2	0.8	1.88	3.01	4.27
8	2.86	7.3	4.9	1.7	0.7	1.39	2.85	4.04
9	2.22	6.4	4.3	1.5	0.6	1.04	1.58	3.07
10	1.96	6.1	3.8	1.3	0.4	0.54	1.38	3.05
11	1.12	3.8	2.3	0.7	0.3	0.32	0.88	1.63
12	0.51	3.3	1.3	0.2	0.1	0.20	0.32	0.57
Summary	24.93	75.8	48.2	16.0	6.1	12.99	20.84	33.91

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## Summary of Monthly Normals 1981-2010

Elev: 2605 ft. Lat: 41.598° N Lon: 99.826° W

Generated on 08/15/2016

Station: **ANSELMO 2 SE, NE US GHCND:USC00250245**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	20	85	244	542	819	1031	965	650	306	74	7
45	2	5	38	147	393	669	875	810	504	191	35	1
50	-7777	1	13	77	259	520	721	656	364	101	12	-7777
55	0	-7777	3	35	150	375	566	502	238	43	3	0
60	0	0	-7777	14	73	240	412	351	136	15	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	21	33	97	190	341	519	673	627	421	233	80	19

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	29	114	358	900	1719	2750	3715	4365	4671	4745	4752
45	2	7	45	192	585	1254	2129	2939	3443	3634	3669	3670
50	0	1	14	91	350	870	1591	2247	2611	2712	2724	2724
55	0	0	3	38	188	563	1129	1631	1869	1912	1915	1915
60	0	0	0	14	87	327	739	1090	1226	1241	1241	1241
Growing Degree Units for Corn (Monthly)												
50/86	21	54	151	341	682	1201	1874	2501	2922	3155	3235	3254

**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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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2160 ft. Lat: 41.427° N Lon: 99.127° W

Generated on 08/15/2016

Station: **ARCADIA, NE US GHCND:USC00250320**

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	0.47	2.5	1.4	0.2	0.0	0.18	0.37	0.58
2	0.55	3.5	2.0	0.2	0.0	0.10	0.58	0.83
3	1.65	5.3	3.6	1.0	0.4	0.62	1.42	2.33
4	2.55	7.2	5.3	1.8	0.5	1.44	2.34	3.35
5	3.91	9.1	6.9	2.7	1.0	2.40	3.74	5.14
6	4.07	9.5	7.4	2.5	1.0	1.78	2.67	6.48
7	3.17	7.1	5.1	1.9	0.8	1.55	2.62	4.71
8	2.89	6.1	4.8	2.1	0.8	2.14	2.73	4.10
9	2.41	5.7	4.1	1.6	0.6	1.19	2.05	3.22
10	1.88	5.2	4.0	1.2	0.3	1.01	1.67	2.20
11	1.12	3.5	2.5	0.8	0.2	0.26	0.97	1.75
12	0.58	2.5	1.5	0.4	0.1	0.17	0.37	0.75
Summary	25.25	67.2	48.6	16.4	5.7	12.84	21.53	35.44

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2160 ft. Lat: 41.427° N Lon: 99.127° W

Generated on 08/15/2016

Station: **ARCADIA, NE US GHCND:USC00250320**

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	5.3	1.8	1.6	0.8	0.4	0.0	@	@	@	@	1.5	4.0	8.5
2	3.8	1.8	1.6	0.6	0.2	0.0	@	@	@	@	0.0	3.0	8.0
3	4.3	1.2	1.1	0.6	0.3	0.1	@	@	@	@	0.1	2.0	5.0
4	2.6	0.6	0.6	0.3	0.2	-7777	@	@	@	@	0.0	0.0	4.0
5	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
7	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
9	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.5	0.3	0.3	0.1	0.1	0.0	@	@	@	@	0.0	0.0	0.0
11	2.4	0.9	0.8	0.4	0.2	-7777	@	@	@	@	0.0	1.0	3.0
12	4.7	1.9	1.6	0.8	0.3	0.0	@	@	@	@	0.5	3.0	6.5
Summary	23.6	8.5	7.6	3.6	1.7	0.1	0.0	0.0	0.0	0.0	2.1	13.0	35.0

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

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2718 ft. Lat: 41.422° N Lon: 100.184° W

Generated on 08/15/2016

Station: **ARNOLD, NE US GHCND:USC00250355**

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	37.3	10.4	23.8	6.4	5.2	5.6	0	0	0	0	0	0	966	1028	1121	1276	0.0	0.0	6.3	11.0	30.9	6.0
2	40.1	14.0	27.1	6.6	5.2	5.7	-7777	-7777	0	0	0	0	782	838	922	1062	0.0	0.0	7.4	7.9	27.2	3.3
3	50.5	22.1	36.3	4.6	3.8	3.8	2	1	-7777	-7777	0	0	581	642	735	890	0.0	0.0	16.6	3.6	26.7	0.9
4	60.9	32.0	46.4	4.5	2.3	3.0	30	21	10	2	-7777	-7777	287	337	417	559	0.0	0.2	23.8	0.5	14.9	0.0
5	70.5	44.6	57.5	3.8	2.6	2.8	151	116	73	25	4	2	71	99	149	256	0.0	0.6	30.4	0.0	2.1	0.0
6	80.5	54.7	67.6	3.8	2.7	3.0	383	327	246	130	52	33	5	9	18	52	0.1	3.9	29.9	0.0	0.0	0.0
7	87.0	60.2	73.6	3.1	2.2	2.5	576	515	422	273	143	101	-7777	-7777	1	6	1.3	11.2	31.0	0.0	0.0	0.0
8	84.6	56.7	70.6	3.6	2.2	2.8	486	425	335	196	86	56	1	2	5	20	0.5	7.8	31.0	0.0	0.0	0.0
9	76.3	46.2	61.2	3.5	2.6	2.7	221	177	122	54	16	8	34	50	84	166	-7777	2.3	29.7	0.0	1.3	0.0
10	63.8	33.3	48.5	3.8	2.7	2.7	40	27	13	3	-7777	-7777	240	289	368	513	0.0	0.1	26.4	0.5	13.6	0.0
11	48.5	20.9	34.7	6.2	3.6	4.6	3	1	-7777	0	0	0	612	670	759	909	0.0	0.0	13.9	4.2	26.5	1.0
12	36.8	10.9	23.8	7.2	5.7	6.3	-7777	0	0	0	0	0	965	1027	1120	1275	0.0	0.0	5.3	11.0	30.8	4.7
Summary	61.4	33.8	47.6	4.8	3.4	3.8	1892	1610	1221	683	301	200	4544	4991	5699	6984	1.9	26.1	251.7	38.7	174.0	15.9

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2718 ft. Lat: 41.422° N Lon: 100.184° W

Generated on 08/15/2016

Station: **ARNOLD, NE US GHCND:USC00250355**

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	0.38	3.0	1.1	0.2	-7777	0.07	0.27	0.63
2	0.62	4.1	1.8	0.2	-7777	0.23	0.68	0.90
3	1.32	5.9	3.3	0.9	0.1	0.61	0.99	1.80
4	2.64	6.9	5.0	1.9	0.5	1.39	2.29	3.46
5	3.70	9.3	6.7	2.4	0.7	2.06	3.20	4.64
6	3.70	9.6	6.9	2.8	0.9	2.34	3.43	5.07
7	3.06	8.5	6.0	2.3	0.8	1.40	3.20	4.32
8	2.58	7.4	5.2	2.2	0.7	1.77	2.39	2.94
9	1.72	6.1	4.0	1.2	0.2	0.75	1.55	2.38
10	1.81	5.4	3.3	0.8	0.4	0.69	1.47	2.58
11	1.06	3.6	2.3	0.6	0.3	0.24	0.80	1.60
12	0.42	2.3	1.1	-7777	-7777	0.08	0.20	0.43
Summary	23.01	72.1	46.7	15.5	4.6	11.63	20.47	30.75

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2718 ft. Lat: 41.422° N Lon: 100.184° W

Generated on 08/15/2016

Station: **ARNOLD, NE US GHCND:USC00250355**

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	6.0	2.5	1.6	0.6	0.2	0.1	@	@	@	@	2.0	5.0	9.1
2	6.2	3.2	2.2	0.7	0.3	0.0	@	@	@	@	1.0	5.0	9.0
3	5.4	3.0	2.2	0.7	0.2	0.0	@	@	@	@	2.6	5.1	8.0
4	2.5	0.9	0.8	0.5	0.1	0.0	@	@	@	@	0.0	0.0	4.0
5	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
7	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
9	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	1.2	0.6	0.6	0.2	0.1	-7777	@	@	@	@	0.0	0.0	1.0
11	3.7	1.6	1.3	0.5	0.2	-7777	@	@	@	@	1.5	2.7	4.4
12	5.2	2.0	1.6	0.6	0.1	0.0	@	@	@	@	1.9	3.7	8.0
Summary	30.2	13.8	10.3	3.8	1.2	0.1	0.0	0.0	0.0	0.0	9.0	21.5	43.5

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

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2718 ft. Lat: 41.422° N Lon: 100.184° W

Generated on 08/15/2016

Station: **ARNOLD, NE US GHCND:USC00250355**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	14	84	238	545	828	1041	950	638	298	65	4
45	1	3	36	139	396	678	886	795	491	185	29	1
50	-7777	-7777	11	69	261	529	731	640	349	98	10	-7777
55	0	-7777	2	30	151	383	576	486	221	40	3	-7777
60	0	0	-7777	10	73	246	422	335	122	13	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	20	29	98	187	336	524	680	612	411	232	77	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	19	103	341	886	1714	2755	3705	4343	4641	4706	4710
45	1	4	40	179	575	1253	2139	2934	3425	3610	3639	3640
50	0	0	11	80	341	870	1601	2241	2590	2688	2698	2698
55	0	0	2	32	183	566	1142	1628	1849	1889	1892	1892
60	0	0	0	10	83	329	751	1086	1208	1221	1221	1221
Growing Degree Units for Corn (Monthly)												
50/86	20	49	147	334	670	1194	1874	2486	2897	3129	3206	3221

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

**M** indicates the value is missing

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2310 ft. Lat: 40.928° N Lon: 99.389° W

Generated on 08/15/2016

Station: **MILLER, NE US GHCND:USC00255525**

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	0.35	2.0	1.0	0.1	0.1	0.14	0.35	0.53
2	0.42	2.8	1.6	0.1	0.1	0.10	0.30	0.76
3	1.25	3.9	2.9	0.8	0.3	0.27	0.97	1.71
4	1.96	5.4	4.1	1.1	0.4	0.92	1.68	2.91
5	4.03	7.9	6.4	2.4	1.1	2.33	3.45	4.95
6	4.17	8.2	6.4	2.8	1.1	3.03	3.81	5.50
7	2.78	5.9	4.7	2.1	0.9	0.58	2.41	4.16
8	2.73	5.5	4.3	1.7	0.9	1.76	2.70	3.64
9	1.59	4.2	3.2	1.0	0.4	0.69	1.44	2.24
10	1.43	4.1	3.1	0.6	0.4	0.43	0.99	1.87
11	0.65	2.2	1.6	0.4	0.1	0.10	0.38	1.10
12	0.46	2.3	1.3	0.3	-7777	0.06	0.23	0.69
Summary	21.82	54.4	40.6	13.4	5.8	10.41	18.71	30.06

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

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

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



**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2310 ft. Lat: 40.928° N Lon: 99.389° W

Generated on 08/15/2016

Station: **MILLER, NE US GHCND:USC00255525**

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	5.3	1.9	1.6	0.5	0.3	0.1	8.3	4.4	2.3	0.7	0.5	3.8	7.4
2	4.3	2.0	1.7	0.6	0.2	0.1	7.1	3.5	1.6	0.6	0.1	4.0	6.5
3	3.6	1.2	0.9	0.5	0.3	0.1	3.4	1.6	1.1	0.3	0.0	1.0	6.0
4	1.7	0.6	0.5	0.3	0.1	0.0	1.5	0.7	0.3	0.0	0.0	0.0	1.5
5	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
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	1.0	0.4	0.4	0.2	-7777	0.0	0.9	0.3	0.1	0.0	0.0	0.0	0.0
11	2.3	0.7	0.7	0.2	0.1	0.0	2.4	1.4	0.9	0.6	0.0	1.0	3.0
12	3.5	1.7	1.5	0.3	0.1	0.0	7.7	5.2	3.1	1.0	1.0	2.0	4.2
Summary	21.7	8.5	7.3	2.6	1.1	0.3	31.3	17.1	9.4	3.2	1.6	11.8	28.6

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

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2292 ft. Lat: 41.221° N Lon: 99.294° W

Generated on 08/15/2016

Station: **MASON CITY, NE US GHCND:USC00255250**

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	36.4	11.3	23.8	6.3	5.2	5.6	0	0	0	0	0	0	966	1028	1121	1276	0.0	0.0	6.0	11.6	30.8	5.5
2	40.5	15.1	27.8	6.7	5.3	5.8	-7777	-7777	-7777	0	0	0	762	817	901	1041	0.0	0.0	7.7	8.3	27.0	3.4
3	50.5	24.1	37.3	4.9	3.3	3.7	6	3	1	-7777	0	0	555	614	704	859	0.0	0.0	16.2	3.6	24.3	0.9
4	61.5	34.1	47.8	4.8	2.6	3.3	43	30	17	4	1	-7777	259	306	383	520	0.0	0.2	24.0	0.3	12.1	0.0
5	70.9	45.8	58.3	3.6	2.8	2.9	168	131	84	32	8	3	65	89	135	238	0.0	0.9	30.5	0.0	1.6	0.0
6	81.1	55.9	68.5	4.0	2.6	3.1	409	353	271	153	68	45	4	8	16	48	0.2	4.8	30.0	0.0	0.0	0.0
7	86.5	61.8	74.2	3.3	2.7	2.8	593	532	439	291	160	116	-7777	-7777	1	7	1.2	10.4	31.0	0.0	0.0	0.0
8	84.7	59.2	72.0	3.5	2.7	2.9	526	465	375	232	113	78	1	2	4	17	0.5	8.1	31.0	0.0	0.0	0.0
9	77.1	48.4	62.8	3.8	2.6	2.8	260	213	152	75	28	16	27	41	70	143	0.1	2.9	29.7	0.0	0.8	0.0
10	64.3	34.9	49.6	3.9	2.2	2.6	52	36	19	5	1	-7777	220	265	341	482	0.0	0.4	26.4	0.5	11.0	0.0
11	49.2	23.2	36.2	6.2	3.8	4.7	3	2	-7777	0	0	0	567	626	714	864	0.0	0.0	14.3	3.9	25.9	0.5
12	37.4	13.1	25.3	6.6	5.2	5.8	0	0	0	0	0	0	922	984	1077	1232	0.0	0.0	5.7	10.0	30.8	4.1
Summary	61.7	35.6	48.6	4.8	3.4	3.8	2060	1765	1358	792	379	258	4348	4780	5467	6727	2.0	27.7	252.5	38.2	164.3	14.4

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2292 ft. Lat: 41.221° N Lon: 99.294° W

Generated on 08/15/2016

Station: **MASON CITY, NE US GHCND:USC00255250**

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	0.59	3.2	1.7	0.3	0.1	0.24	0.50	0.71
2	0.66	4.1	2.3	0.2	-7777	0.24	0.65	1.01
3	1.82	6.1	4.0	1.1	0.4	0.60	1.52	2.73
4	2.67	7.3	5.4	1.6	0.7	1.35	2.20	3.37
5	4.20	9.9	7.7	2.7	1.0	2.94	3.82	5.38
6	3.93	8.8	7.0	2.7	1.1	2.24	2.87	6.26
7	3.25	7.1	5.6	2.1	0.9	1.91	3.11	4.30
8	3.07	6.7	5.1	2.3	0.9	1.78	2.92	3.47
9	2.52	5.4	4.0	1.6	0.6	1.03	1.70	4.12
10	1.90	5.4	4.2	1.1	0.3	0.86	1.32	2.26
11	1.18	3.8	2.8	0.7	0.2	0.37	0.98	1.81
12	0.60	3.0	1.6	0.3	0.1	0.13	0.39	0.72
Summary	26.39	70.8	51.4	16.7	6.3	13.69	21.98	36.14

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2292 ft. Lat: 41.221° N Lon: 99.294° W

Generated on 08/15/2016

Station: **MASON CITY, NE US GHCND:USC00255250**

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	6.1	2.8	2.1	0.8	0.3	-7777	12.0	5.8	2.1	0.7	3.0	4.5	7.5
2	5.2	2.8	2.2	0.6	0.2	0.0	10.6	6.1	3.7	1.0	1.0	4.0	8.8
3	5.5	1.8	1.5	0.6	0.2	0.1	4.3	2.2	1.3	0.2	0.0	2.2	7.0
4	1.0	0.4	0.4	0.2	0.1	0.0	0.6	0.3	0.2	0.0	0.0	0.0	0.0
5	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
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	1.6	0.6	0.5	0.2	0.1	-7777	0.4	0.2	0.1	0.0	0.0	0.0	1.0
11	3.2	1.4	1.2	0.4	0.2	0.1	2.8	1.6	1.0	0.2	0.0	1.7	3.7
12	4.8	2.0	1.6	0.7	0.2	0.0	9.8	5.3	1.9	0.1	2.0	4.0	7.0
Summary	27.4	11.8	9.5	3.5	1.3	0.2	40.5	21.5	10.3	2.2	6.0	16.4	35.0

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

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2292 ft. Lat: 41.221° N Lon: 99.294° W

Generated on 08/15/2016

Station: **MASON CITY, NE US GHCND:USC00255250**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	22	104	271	570	855	1058	991	683	327	81	7
45	2	6	51	169	420	705	903	835	535	211	38	1
50	-7777	1	20	92	282	556	748	680	392	117	14	-7777
55	0	-7777	6	43	168	409	593	526	260	52	3	0
60	0	-7777	1	17	84	271	439	375	152	19	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	21	34	101	195	346	544	698	646	436	240	82	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	31	135	406	976	1831	2889	3880	4563	4890	4971	4978
45	2	8	59	228	648	1353	2256	3091	3626	3837	3875	3876
50	0	1	21	113	395	951	1699	2379	2771	2888	2902	2902
55	0	0	6	49	217	626	1219	1745	2005	2057	2060	2060
60	0	0	1	18	102	373	812	1187	1339	1358	1358	1358
Growing Degree Units for Corn (Monthly)												
50/86	21	55	156	351	697	1241	1939	2585	3021	3261	3343	3361

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

**M** indicates the value is missing

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2050 ft. Lat: 41.603° N Lon: 98.927° W

Generated on 08/15/2016

Station: **ORD NUMBER 2, NE US GHCND:USC00256336**

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	0.55	4.1	1.5	0.4	-7777	0.19	0.48	0.83
2	0.61	5.4	2.1	0.3	0.0	0.19	0.59	0.90
3	1.64	7.1	3.6	1.0	0.3	0.55	1.55	2.44
4	2.69	9.8	5.4	2.0	0.6	1.58	2.42	3.60
5	3.90	11.3	7.2	2.8	0.9	2.65	3.46	4.99
6	3.91	10.9	6.8	2.8	1.0	2.07	3.53	5.07
7	2.67	8.5	5.2	1.8	0.7	1.41	2.51	3.15
8	3.35	8.2	5.2	2.3	1.0	1.83	2.84	4.74
9	2.36	7.4	4.0	1.4	0.6	1.27	1.88	3.48
10	2.03	6.8	4.4	1.3	0.4	0.71	1.79	2.67
11	1.20	5.1	2.3	1.0	0.2	0.21	1.14	2.15
12	0.65	4.8	1.8	0.3	0.1	0.20	0.41	0.89
Summary	25.56	89.4	49.5	17.4	5.8	12.86	22.60	34.91

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2050 ft. Lat: 41.603° N Lon: 98.927° W

Generated on 08/15/2016

Station: **ORD NUMBER 2, NE US GHCND:USC00256336**

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	6.8	3.5	2.4	0.8	0.3	-7777	10.2	5.9	2.7	0.2	2.9	5.7	9.7
2	6.0	3.7	2.5	0.7	0.2	0.0	8.6	4.4	2.8	0.6	3.0	5.0	9.4
3	5.9	2.8	2.0	0.7	0.3	0.1	4.3	2.4	1.4	0.5	1.2	4.0	7.6
4	2.5	1.1	0.8	0.4	0.2	0.0	1.0	0.5	0.2	0.0	0.0	0.5	3.5
5	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
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	1.1	0.5	0.4	0.1	-7777	0.0	0.6	0.3	0.1	0.0	0.0	0.0	1.0
11	5.3	2.1	1.7	0.8	0.3	0.1	3.5	1.9	1.3	0.5	1.5	3.5	6.5
12	7.4	3.5	2.5	0.7	0.4	0.0	10.1	5.5	2.4	0.3	3.0	7.0	11.0
Summary	35.0	17.2	12.3	4.2	1.7	0.2	38.3	20.9	10.9	2.1	11.6	25.7	48.7

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1969 ft. Lat: 41.159° N Lon: 98.601° W

Generated on 08/15/2016

Station: **DANNEBROG 4 NW, NE US GHCND:USC00252166**

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	0.55	@	@	@	@			
2	0.61	@	@	@	@			
3	1.81	@	@	@	@			
4	2.37	@	@	@	@			
5	3.08	@	@	@	@			
6	3.97	@	@	@	@			
7	3.24	@	@	@	@			
8	3.01	@	@	@	@			
9	2.11	@	@	@	@			
10	2.39	@	@	@	@			
11	1.17	@	@	@	@			
12	0.66	@	@	@	@			
Summary	24.97	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



## Summary of Monthly Normals 1981-2010

Elev: 2020 ft. Lat: 41.546° N Lon: 98.533° W

Generated on 08/15/2016

Station: **GREELEY, NE US GHCND:USC00253425**

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	34.9	10.0	22.4	7.2	5.3	6.0	0	0	0	0	0	0	1009	1071	1164	1319	0.0	0.0	5.0	12.6	30.9	6.6
2	38.8	14.3	26.5	6.7	5.4	5.8	-7777	-7777	-7777	0	0	0	797	852	936	1076	0.0	0.0	6.9	9.0	26.6	4.0
3	49.4	23.0	36.2	5.1	3.2	3.7	4	2	1	-7777	0	0	587	647	738	893	0.0	0.0	15.2	3.6	26.0	0.7
4	61.9	33.6	47.7	5.0	3.3	3.6	45	32	19	7	2	1	262	310	386	524	0.0	0.3	24.2	0.3	13.2	0.0
5	71.5	45.2	58.3	3.8	2.6	3.0	164	126	79	29	6	2	60	85	131	235	0.0	0.9	30.4	0.0	1.7	0.0
6	81.3	55.5	68.4	3.7	2.6	2.9	406	349	267	148	63	41	4	7	15	46	0.2	4.2	30.0	0.0	0.0	0.0
7	86.6	61.0	73.8	2.8	2.4	2.3	583	521	428	279	147	104	-7777	-7777	1	7	0.5	9.7	31.0	0.0	0.0	0.0
8	84.8	58.6	71.7	3.8	2.9	3.1	518	457	367	224	108	73	1	1	4	16	0.6	8.1	31.0	0.0	0.0	0.0
9	77.1	47.4	62.3	3.6	2.4	2.6	252	206	146	71	26	14	34	49	79	154	-7777	3.2	29.7	0.0	1.5	0.0
10	64.1	34.5	49.3	3.9	2.7	2.6	49	33	17	4	1	-7777	226	272	348	491	0.0	0.2	26.9	0.2	11.8	0.0
11	48.2	22.5	35.3	6.6	3.7	4.8	2	1	-7777	-7777	0	0	592	651	740	889	0.0	0.0	13.7	4.2	25.3	0.7
12	36.1	12.2	24.2	6.6	5.2	5.7	0	0	0	0	0	0	956	1018	1111	1266	0.0	0.0	5.0	11.1	30.8	4.4
Summary	61.2	34.8	48.0	4.9	3.5	3.8	2023	1727	1324	762	353	235	4528	4963	5653	6916	1.3	26.6	249.0	41.0	167.8	16.4

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2020 ft. Lat: 41.546° N Lon: 98.533° W

Generated on 08/15/2016

Station: **GREELEY, NE US GHCND:USC00253425**

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	0.52	3.1	1.4	0.2	0.0	0.21	0.38	0.70
2	0.65	3.8	1.8	0.2	-7777	0.20	0.64	0.87
3	1.89	6.1	3.8	1.1	0.4	0.74	1.53	2.34
4	2.49	7.8	4.8	1.7	0.6	1.29	2.11	3.11
5	3.99	10.2	7.1	2.9	0.9	2.61	3.80	4.90
6	4.39	10.0	7.3	3.1	1.0	2.10	4.40	5.97
7	3.23	7.8	5.4	1.9	0.9	1.57	2.54	4.15
8	3.20	7.3	5.0	1.9	1.2	1.62	2.80	4.58
9	2.68	6.5	4.4	1.7	0.6	1.07	2.46	4.11
10	1.88	6.5	4.2	1.4	0.5	0.88	1.33	2.86
11	1.28	4.1	2.4	0.8	0.4	0.22	1.05	1.97
12	0.71	3.4	1.6	0.3	0.0	0.27	0.42	0.99
Summary	26.91	76.6	49.2	17.2	6.5	12.78	23.46	36.55

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2020 ft. Lat: 41.546° N Lon: 98.533° W

Generated on 08/15/2016

Station: **GREELEY, NE US GHCND:USC00253425**

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	5.7	2.3	2.0	0.8	0.3	-7777	11.4	7.2	3.7	0.8	1.8	4.3	8.5
2	6.0	2.8	2.5	1.0	0.2	-7777	9.8	5.2	2.7	0.5	2.5	5.0	10.5
3	4.7	1.2	1.0	0.5	0.3	-7777	3.9	2.2	1.3	0.7	0.0	2.0	7.8
4	1.4	0.4	0.4	0.2	-7777	-7777	0.6	0.4	0.2	0.1	0.0	0.0	1.0
5	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
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	0.5	0.3	0.3	0.1	-7777	0.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0
11	3.8	1.1	0.9	0.5	0.2	0.1	2.4	1.7	0.7	0.2	0.0	1.5	5.5
12	4.2	2.6	1.8	0.8	0.1	0.1	9.4	5.4	3.0	1.2	0.0	3.0	5.0
Summary	26.3	10.7	8.9	3.9	1.1	0.2	37.9	22.3	11.7	3.5	4.3	15.8	38.3

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 2020 ft. Lat: 41.546° N Lon: 98.533° W

Generated on 08/15/2016

Station: **GREELEY, NE US GHCND:USC00253425**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	17	82	271	569	852	1047	982	668	317	74	5
45	1	4	38	169	419	702	893	828	522	201	34	1
50	0	1	14	94	280	552	738	673	380	110	11	-7777
55	0	-7777	4	45	164	406	583	518	252	49	2	0
60	0	-7777	1	19	79	267	428	367	146	17	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	18	26	87	200	351	545	692	640	432	234	73	14

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	24	106	377	946	1798	2845	3827	4495	4812	4886	4891
45	1	5	43	212	631	1333	2226	3054	3576	3777	3811	3812
50	0	1	15	109	389	941	1679	2352	2732	2842	2853	2853
55	0	0	4	49	213	619	1202	1720	1972	2021	2023	2023
60	0	0	1	20	99	366	794	1161	1307	1324	1324	1324
Growing Degree Units for Corn (Monthly)												
50/86	18	44	131	331	682	1227	1919	2559	2991	3225	3298	3312

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

**M** indicates the value is missing

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1950 ft. Lat: 40.825° N Lon: 98.600° W

Generated on 08/15/2016

Station: **WOOD RIVER 1 NNW, NE US GHCND:USC00259440**

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	0.53	@	@	@	@			
2	0.67	@	@	@	@			
3	1.97	@	@	@	@			
4	2.60	@	@	@	@			
5	4.73	@	@	@	@			
6	4.42	@	@	@	@			
7	3.60	@	@	@	@			
8	2.96	@	@	@	@			
9	2.39	@	@	@	@			
10	2.10	@	@	@	@			
11	1.26	@	@	@	@			
12	0.71	@	@	@	@			
Summary	27.94	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 2070 ft. Lat: 41.279° N Lon: 98.970° W

Generated on 08/15/2016

Station: **LOUP CITY, NE US GHCND:USC00254985**

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	36.6	12.1	24.4	6.5	5.6	5.8	0	0	0	0	0	0	950	1012	1105	1260	0.0	0.0	5.8	11.9	30.7	5.7
2	40.3	16.0	28.2	6.8	5.7	6.0	-7777	-7777	-7777	0	0	0	752	808	892	1032	0.0	0.0	7.5	8.4	26.9	3.3
3	50.7	24.8	37.8	4.7	3.5	3.7	7	4	1	-7777	-7777	0	542	601	691	845	0.0	0.1	16.1	3.2	23.9	0.5
4	62.3	34.7	48.5	4.5	2.9	3.3	52	38	23	8	2	1	247	293	368	503	0.0	0.5	24.2	0.3	11.7	0.0
5	71.8	46.6	59.2	3.4	2.8	2.8	185	145	94	38	10	4	55	76	119	217	0.0	0.9	30.6	0.0	1.0	0.0
6	81.8	57.1	69.4	3.7	3.6	3.3	437	379	296	172	79	53	3	6	12	39	0.2	4.9	30.0	0.0	0.0	0.0
7	86.8	62.5	74.7	2.7	2.4	2.3	609	547	455	304	168	122	-7777	-7777	1	5	0.8	10.7	31.0	0.0	0.0	0.0
8	85.0	60.3	72.7	3.3	2.8	2.8	547	486	395	250	126	88	-7777	1	3	13	0.3	8.3	31.0	0.0	0.0	0.0
9	76.9	49.2	63.0	3.5	3.0	2.8	270	223	160	80	29	17	28	41	69	138	-7777	2.6	29.7	0.0	0.9	0.0
10	64.4	36.4	50.4	3.8	2.6	2.6	57	39	21	5	1	-7777	199	243	319	458	0.0	0.3	27.3	0.3	9.3	0.0
11	49.3	24.1	36.7	6.0	3.5	4.4	3	2	1	-7777	0	0	552	610	700	849	0.0	0.0	14.7	3.4	24.6	0.3
12	37.3	14.2	25.8	6.6	5.4	5.9	0	0	0	0	0	0	907	969	1062	1217	0.0	0.0	5.9	10.5	30.6	3.7
Summary	61.9	36.5	49.2	4.6	3.7	3.8	2167	1863	1446	857	415	285	4235	4660	5341	6576	1.3	28.3	253.8	38.0	159.6	13.5

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2070 ft. Lat: 41.279° N Lon: 98.970° W

Generated on 08/15/2016

Station: **LOUP CITY, NE US GHCND:USC00254985**

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	0.56	3.1	1.4	0.4	0.0	0.08	0.38	0.84
2	0.68	4.1	1.9	0.3	-7777	0.23	0.61	0.97
3	1.97	6.7	3.8	1.1	0.4	0.61	1.69	2.85
4	2.81	8.1	5.5	1.9	0.8	1.71	2.51	3.83
5	4.28	10.5	7.8	3.0	1.0	2.72	4.12	4.94
6	4.18	10.2	7.3	2.6	1.1	2.33	3.12	6.83
7	3.25	7.7	5.4	2.2	1.1	1.63	2.82	4.65
8	3.02	7.5	4.9	2.2	0.9	1.80	2.43	3.95
9	2.42	5.9	3.8	1.5	0.6	0.95	1.99	3.89
10	1.84	5.9	4.1	1.0	0.3	0.89	1.27	2.63
11	1.39	4.3	2.9	0.9	0.3	0.33	1.12	2.02
12	0.69	3.6	1.6	0.4	0.1	0.13	0.36	1.01
Summary	27.09	77.6	50.4	17.5	6.6	13.41	22.42	38.41

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2070 ft. Lat: 41.279° N Lon: 98.970° W

Generated on 08/15/2016

Station: **LOUP CITY, NE US GHCND:USC00254985**

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	7.1	3.3	2.6	1.0	0.4	-7777	10.6	5.1	2.2	0.1	3.0	5.5	11.0
2	6.1	3.2	2.8	0.6	0.2	0.0	8.0	4.4	2.3	0.7	2.8	5.1	9.2
3	5.9	2.3	2.0	0.8	0.4	0.1	3.4	1.8	1.3	0.3	1.5	4.0	8.5
4	1.8	0.7	0.6	0.3	0.1	0.0	0.6	0.2	0.2	0.0	0.0	0.0	2.0
5	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
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	0.1	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.2	0.5	0.5	0.2	0.1	0.0	0.5	0.3	0.1	0.0	0.0	0.0	1.0
11	4.2	1.7	1.5	0.6	0.3	0.0	1.6	0.6	0.2	0.0	1.0	2.0	6.0
12	7.0	2.8	2.3	0.7	0.5	-7777	9.1	4.2	2.7	0.2	3.0	5.6	10.5
Summary	33.4	14.5	12.3	4.2	2.0	0.1	33.8	16.6	9.0	1.3	11.3	22.2	48.2

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



## Summary of Monthly Normals 1981-2010

Elev: 2070 ft. Lat: 41.279° N Lon: 98.970° W

Generated on 08/15/2016

Station: **LOUP CITY, NE US GHCND:USC00254985**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	24	106	289	596	883	1074	1012	692	345	85	9
45	2	8	52	182	445	733	919	857	545	224	40	2
50	-7777	1	21	104	304	584	764	702	402	125	14	-7777
55	0	-7777	7	52	185	437	609	547	270	57	3	0
60	0	-7777	1	23	94	296	455	395	160	21	1	0
Growing Degree Units for Corn (Monthly)												
50/86	23	34	101	205	363	571	716	668	440	238	81	20

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	35	141	430	1026	1909	2983	3995	4687	5032	5117	5126
45	2	10	62	244	689	1422	2341	3198	3743	3967	4007	4009
50	0	1	22	126	430	1014	1778	2480	2882	3007	3021	3021
55	0	0	7	59	244	681	1290	1837	2107	2164	2167	2167
60	0	0	1	24	118	414	869	1264	1424	1445	1446	1446
Growing Degree Units for Corn (Monthly)												
50/86	23	57	158	363	726	1297	2013	2681	3121	3359	3440	3460

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

**M** indicates the value is missing

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2580 ft. Lat: 41.144° N Lon: 99.763° W

Generated on 08/15/2016

Station: **OCONTO, NE US GHCND:USC00256167**

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	37.3	12.0	24.6	6.6	4.9	5.5	0	0	0	0	0	0	941	1003	1096	1251	0.0	0.0	6.2	10.7	30.6	4.8
2	40.6	15.7	28.1	6.8	5.2	5.7	-7777	-7777	-7777	0	0	0	752	808	892	1032	0.0	0.0	7.7	7.8	26.7	3.4
3	50.9	24.0	37.5	4.9	3.8	3.9	3	1	-7777	-7777	0	0	547	607	699	854	0.0	0.0	17.1	2.9	24.9	0.6
4	62.1	33.6	47.9	5.0	2.9	3.6	41	29	16	4	-7777	-7777	256	303	380	519	0.0	0.1	24.9	0.3	13.3	0.0
5	71.7	45.4	58.5	3.6	2.7	2.8	167	129	81	29	7	3	57	80	126	229	-7777	0.5	30.6	0.0	1.8	0.0
6	81.5	55.5	68.5	3.8	2.7	3.0	408	350	268	147	62	40	3	5	13	42	0.2	4.2	30.0	0.0	0.0	0.0
7	86.7	61.2	73.9	3.3	2.1	2.4	587	525	433	283	149	105	-7777	-7777	1	6	1.0	9.7	31.0	0.0	0.0	0.0
8	84.8	58.8	71.8	3.6	2.4	2.9	521	460	369	226	109	73	-7777	1	3	15	0.4	7.8	31.0	0.0	0.0	0.0
9	77.1	48.1	62.6	3.8	2.8	2.9	257	210	148	71	25	14	29	42	70	143	0.0	2.5	29.7	0.0	1.4	0.0
10	64.3	35.6	50.0	4.1	2.3	2.6	48	33	17	4	1	-7777	205	251	328	471	0.0	0.1	27.5	0.2	10.9	0.0
11	48.9	22.5	35.7	6.5	3.6	4.7	2	1	-7777	-7777	0	0	581	640	729	879	0.0	0.0	14.5	3.6	25.8	0.8
12	37.4	13.1	25.3	7.1	5.0	5.9	0	0	0	0	0	0	922	984	1077	1232	0.0	0.0	5.6	9.9	30.7	3.8
Summary	61.9	35.5	48.7	4.9	3.4	3.8	2034	1738	1332	764	353	235	4293	4724	5414	6673	1.6	24.9	255.8	35.4	166.1	13.4

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2580 ft. Lat: 41.144° N Lon: 99.763° W

Generated on 08/15/2016

Station: **OCONTO, NE US GHCND:USC00256167**

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	0.46	1.7	0.8	0.2	-7777	0.11	0.27	0.74
2	0.49	2.6	1.5	-7777	0.0	0.22	0.38	0.71
3	1.42	4.1	3.0	0.9	0.2	0.46	0.94	1.93
4	2.44	5.5	4.5	1.2	0.4	1.37	2.21	2.99
5	3.99	8.2	6.8	2.6	1.1	2.66	3.25	4.85
6	3.74	7.2	5.9	2.6	1.0	2.39	3.20	5.04
7	2.96	6.3	5.2	1.9	0.7	1.01	1.97	4.24
8	2.76	5.4	4.3	1.8	0.8	1.95	2.74	3.49
9	2.06	4.5	3.7	1.3	0.4	0.89	1.70	2.78
10	1.69	4.3	3.4	1.1	0.5	0.51	1.19	2.77
11	0.81	2.1	1.6	0.4	0.1	0.16	0.66	1.23
12	0.36	1.5	0.9	0.2	0.1	0.02	0.18	0.53
Summary	23.18	53.4	41.6	14.2	5.3	11.75	18.69	31.30

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2580 ft. Lat: 41.144° N Lon: 99.763° W

Generated on 08/15/2016

Station: **OCONTO, NE US GHCND:USC00256167**

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	3.9	1.5	1.3	0.6	0.4	0.0	@	@	@	@	0.0	2.7	6.3
2	5.0	2.2	1.7	0.8	0.1	0.0	@	@	@	@	2.0	4.0	8.3
3	5.4	1.9	1.7	0.7	0.2	0.0	@	@	@	@	1.0	3.0	7.0
4	3.2	0.8	0.7	0.4	0.1	-7777	@	@	@	@	0.0	0.0	5.5
5	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
7	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
9	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.8	0.3	0.3	0.1	-7777	0.0	@	@	@	@	0.0	0.0	0.0
11	3.4	1.1	1.0	0.6	0.1	-7777	@	@	@	@	0.0	3.0	5.2
12	4.0	1.7	1.5	0.8	0.3	-7777	@	@	@	@	0.0	2.5	6.3
Summary	25.7	9.5	8.2	4.0	1.2	0.0	0.0	0.0	0.0	0.0	3.0	15.2	38.6

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 2580 ft. Lat: 41.144° N Lon: 99.763° W

Generated on 08/15/2016

Station: **OCONTO, NE US GHCND:USC00256167**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	20	94	271	576	855	1052	985	678	331	71	6
45	2	5	43	166	424	705	897	831	531	208	31	1
50	-7777	1	15	89	284	555	742	676	389	111	9	-7777
55	0	-7777	3	41	167	408	587	521	257	48	2	0
60	0	-7777	-7777	16	81	268	433	369	148	17	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	21	32	96	202	357	550	695	645	437	238	77	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	28	122	393	969	1824	2876	3861	4539	4870	4941	4947
45	2	7	50	216	640	1345	2242	3073	3604	3812	3843	3844
50	0	1	16	105	389	944	1686	2362	2751	2862	2871	2871
55	0	0	3	44	211	619	1206	1727	1984	2032	2034	2034
60	0	0	0	16	97	365	798	1167	1315	1332	1332	1332
Growing Degree Units for Corn (Monthly)												
50/86	21	53	149	351	708	1258	1953	2598	3035	3273	3350	3366

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

**M** indicates the value is missing

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

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

## Summary of Monthly Normals 1981-2010

Elev: 1840 ft. Lat: 40.961° N Lon: 98.314° W

Generated on 08/15/2016

Station: **GRAND ISLAND CENTRAL NE REGIONAL AIRPORT, NE US GHCND:USW00014935**

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	35.8	14.4	25.1	6.9	5.1	5.8	-7777	0	0	0	0	0	927	989	1082	1237	0.0	0.0	4.8	12.4	30.3	4.0
2	39.8	18.4	29.1	7.1	5.4	6.0	-7777	-7777	-7777	-7777	0	0	725	781	865	1005	0.0	0.0	7.0	8.5	25.6	2.3
3	51.1	27.6	39.4	5.2	3.6	4.0	11	7	3	-7777	-7777	-7777	496	554	643	796	0.0	0.1	16.3	2.9	21.1	0.5
4	63.2	37.9	50.6	4.6	3.0	3.5	67	49	30	11	3	1	200	243	314	445	0.0	0.5	25.3	0.1	7.4	0.0
5	72.7	49.6	61.2	3.8	2.7	3.1	225	181	124	54	17	10	34	53	88	173	0.0	1.1	30.8	0.0	0.3	0.0
6	83.2	59.4	71.3	3.7	2.6	2.9	490	431	345	213	107	76	1	2	6	24	0.5	6.5	30.0	0.0	0.0	0.0
7	87.7	64.7	76.2	3.3	2.2	2.5	657	595	502	349	207	157	0	0	-7777	2	1.5	12.2	31.0	0.0	0.0	0.0
8	85.4	62.6	74.0	3.5	2.6	2.9	589	527	435	287	156	114	-7777	-7777	1	8	0.8	8.3	31.0	0.0	0.0	0.0
9	78.0	52.3	65.1	3.6	2.5	2.8	323	272	203	109	48	32	19	28	49	105	-7777	3.7	29.8	0.0	0.4	0.0
10	64.8	39.6	52.2	3.7	2.7	2.7	79	57	33	11	3	2	166	206	275	408	0.0	0.4	27.8	0.2	6.0	0.0
11	49.4	26.8	38.1	6.0	3.7	4.6	7	4	1	-7777	0	0	514	571	658	807	0.0	0.0	14.8	3.0	21.2	0.3
12	36.9	16.4	26.7	6.6	5.2	5.8	-7777	0	0	0	0	0	879	941	1034	1189	0.0	0.0	5.2	10.7	30.1	2.5
Summary	62.3	39.1	50.8	4.8	3.4	3.9	2448	2123	1676	1034	541	392	3961	4368	5015	6199	2.8	32.8	253.8	37.8	142.4	9.6

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1840 ft. Lat: 40.961° N Lon: 98.314° W

Generated on 08/15/2016

Station: **GRAND ISLAND CENTRAL NE REGIONAL AIRPORT, NE US GHCND:USW00014935**

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	0.53	5.1	1.7	0.2	0.0	0.26	0.53	0.69
2	0.68	5.1	2.1	0.2	-7777	0.30	0.56	1.01
3	1.80	7.1	3.8	1.2	0.4	0.71	1.63	2.95
4	2.53	8.4	4.5	1.7	0.6	1.31	2.42	3.36
5	4.41	11.6	7.2	2.9	1.1	2.39	4.27	5.74
6	4.30	10.5	6.6	2.7	1.3	2.89	4.09	5.26
7	3.40	8.8	5.2	2.1	1.0	2.00	2.82	4.10
8	3.12	8.2	5.6	2.0	0.9	2.04	2.78	4.18
9	2.23	7.0	4.3	1.4	0.5	1.01	1.61	3.02
10	1.86	6.6	4.0	1.2	0.4	0.90	1.72	2.50
11	1.17	5.3	2.5	0.8	0.2	0.32	0.90	1.72
12	0.63	5.0	1.8	0.3	0.0	0.24	0.44	0.81
Summary	26.66	88.7	49.3	16.7	6.4	14.37	23.77	35.34

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1840 ft. Lat: 40.961° N Lon: 98.314° W

Generated on 08/15/2016

Station: **GRAND ISLAND CENTRAL NE REGIONAL AIRPORT, NE US GHCND:USW00014935**

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	6.5	4.4	2.0	0.7	0.2	-7777	12.8	8.2	3.7	0.8	3.1	5.7	8.4
2	6.3	3.6	2.1	0.6	0.2	-7777	11.0	6.1	3.4	0.5	2.7	5.9	8.1
3	5.4	2.6	1.1	0.6	0.3	0.1	3.7	2.2	1.2	0.3	0.5	4.2	6.9
4	1.5	0.9	0.4	0.2	0.1	0.0	0.7	0.2	0.1	0.0	0.0	0.0	1.5
5	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
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	0.1	-7777	-7777	-7777	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
10	1.0	0.5	0.2	0.1	0.1	0.0	0.4	0.2	0.1	0.0	0.0	0.0	0.5
11	3.1	2.1	1.0	0.2	0.1	-7777	2.9	0.8	0.6	0.2	0.2	2.5	4.2
12	5.1	3.7	1.5	0.5	0.2	0.0	9.3	5.4	2.7	1.0	1.8	4.1	7.4
Summary	29.0	17.8	8.3	2.9	1.2	0.1	40.8	23.1	11.8	2.8	8.3	22.4	37.0

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

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

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



## Summary of Monthly Normals 1981-2010

Elev: 1840 ft. Lat: 40.961° N Lon: 98.314° W

Generated on 08/15/2016

Station: **GRAND ISLAND CENTRAL NE REGIONAL AIRPORT, NE US GHCND:USW00014935**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	30	127	337	656	939	1122	1054	755	394	103	11
45	3	9	65	220	502	789	967	899	606	265	53	2
50	-7777	2	29	129	355	639	812	744	461	157	22	-7777
55	-7777	-7777	11	67	225	490	657	589	323	79	7	-7777
60	0	-7777	3	30	124	345	502	435	203	33	1	0
Growing Degree Units for Corn (Monthly)												
50/86	18	31	101	217	393	612	751	702	474	249	79	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	43	170	507	1163	2102	3224	4278	5033	5427	5530	5541
45	3	12	77	297	799	1588	2555	3454	4060	4325	4378	4380
50	0	2	31	160	515	1154	1966	2710	3171	3328	3350	3350
55	0	0	11	78	303	793	1450	2039	2362	2441	2448	2448
60	0	0	3	33	157	502	1004	1439	1642	1675	1676	1676
Growing Degree Units for Corn (Monthly)												
50/86	18	49	150	367	760	1372	2123	2825	3299	3548	3627	3642

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

**M** indicates the value is missing

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2530 ft. Lat: 41.433° N Lon: 99.633° W

Generated on 08/15/2016

Station: **BROKEN BOW MUNICIPAL AIRPORT, NE US GHCND:USW00094946**

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	37.6	13.5	25.5	6.6	4.7	5.4	0	0	0	0	0	0	913	975	1068	1223	0.0	0.0	5.9	10.7	30.2	4.6
2	40.7	15.2	28.0	6.8	4.3	5.3	-7777	-7777	0	0	0	0	757	813	897	1037	0.0	0.0	6.9	7.7	27.0	2.7
3	51.0	24.3	37.7	4.9	3.7	3.8	5	2	1	-7777	0	0	543	602	694	848	0.0	0.0	16.5	2.3	24.8	0.4
4	61.4	34.2	47.8	4.0	3.3	3.3	29	17	7	1	-7777	-7777	245	293	373	517	0.0	0.0	24.5	0.4	11.5	0.0
5	71.1	46.5	58.8	3.6	2.8	2.9	171	132	84	33	9	5	53	76	121	225	0.0	0.5	30.5	0.0	0.8	0.0
6	80.7	56.4	68.5	3.8	2.8	3.1	409	352	271	152	64	41	3	5	14	46	0.2	4.7	30.0	0.0	0.0	0.0
7	86.8	61.5	74.1	3.3	2.3	2.7	593	531	439	288	152	105	-7777	-7777	-7777	5	0.8	10.4	31.0	0.0	0.0	0.0
8	84.1	59.4	71.8	2.7	2.6	2.5	519	458	366	222	106	71	-7777	-7777	2	13	0.3	6.7	31.0	0.0	0.0	0.0
9	76.2	48.2	62.2	3.5	2.1	2.5	244	198	138	66	25	15	28	42	72	150	0.0	2.0	29.8	0.0	0.6	0.0
10	63.0	35.8	49.4	4.3	2.1	2.8	46	32	17	6	1	1	220	267	346	489	0.0	0.1	26.4	0.2	10.3	0.0
11	48.7	23.0	35.8	6.7	3.4	4.8	2	1	-7777	-7777	0	0	576	635	725	874	0.0	0.0	14.2	4.2	25.0	0.4
12	37.6	13.4	25.5	6.0	5.6	5.6	0	0	0	0	0	0	914	976	1069	1224	0.0	0.0	5.3	9.6	30.6	3.5
Summary	61.6	36.0	48.8	4.7	3.3	3.7	2018	1723	1323	768	357	238	4252	4684	5381	6651	1.3	24.4	252.0	35.1	160.8	11.6

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2530 ft. Lat: 41.433° N Lon: 99.633° W

Generated on 08/15/2016

Station: **BROKEN BOW MUNICIPAL AIRPORT, NE US GHCND:USW00094946**

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	0.45	@	@	@	@			
2	0.56	@	@	@	@			
3	1.40	@	@	@	@			
4	2.59	@	@	@	@			
5	3.90	@	@	@	@			
6	4.00	@	@	@	@			
7	2.95	@	@	@	@			
8	2.23	@	@	@	@			
9	2.25	@	@	@	@			
10	1.84	@	@	@	@			
11	0.95	@	@	@	@			
12	0.50	@	@	@	@			
Summary	23.62	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 2530 ft. Lat: 41.433° N Lon: 99.633° W

Generated on 08/15/2016

Station: **BROKEN BOW MUNICIPAL AIRPORT, NE US GHCND:USW00094946**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	18	94	266	583	856	1058	984	666	315	73	7
45	2	5	43	157	431	706	903	829	518	196	31	1
50	-7777	1	17	78	290	557	748	674	374	104	9	-7777
55	0	-7777	5	29	171	409	593	519	244	46	2	0
60	0	0	1	7	84	271	439	366	138	17	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	21	30	93	190	351	547	701	646	424	222	76	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	29	123	389	972	1828	2886	3870	4536	4851	4924	4931
45	2	7	50	207	638	1344	2247	3076	3594	3790	3821	3822
50	0	1	18	96	386	943	1691	2365	2739	2843	2852	2852
55	0	0	5	34	205	614	1207	1726	1970	2016	2018	2018
60	0	0	1	8	92	363	802	1168	1306	1323	1323	1323
Growing Degree Units for Corn (Monthly)												
50/86	21	51	144	334	685	1232	1933	2579	3003	3225	3301	3316

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

**M** indicates the value is missing

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2130 ft. Lat: 40.726° N Lon: 99.013° W

Generated on 08/15/2016

Station: **KEARNEY 4 NE, NE US GHCND:USC00254335**

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	36.0	13.3	24.6	6.7	5.0	5.6	0	0	0	0	0	0	941	1003	1096	1251	0.0	0.0	5.5	11.9	30.7	4.7
2	39.7	16.6	28.1	7.0	5.3	5.8	-7777	-7777	-7777	0	0	0	752	808	892	1032	0.0	0.0	7.1	8.6	26.5	3.0
3	50.3	25.1	37.7	4.9	3.8	3.9	6	4	1	-7777	-7777	0	543	602	692	846	0.0	-7777	16.0	3.5	23.7	0.7
4	62.1	35.3	48.7	4.9	3.0	3.6	52	37	22	7	1	1	241	286	361	496	0.0	0.3	24.4	0.3	11.1	0.0
5	71.5	47.6	59.5	3.6	2.4	2.7	192	152	101	40	10	5	51	73	115	209	0.0	0.9	30.5	0.0	0.8	0.0
6	82.0	57.6	69.8	3.9	2.7	3.1	447	389	305	179	84	56	3	5	11	35	0.4	5.5	30.0	0.0	0.0	0.0
7	86.7	62.6	74.7	3.1	2.3	2.3	609	547	454	304	168	122	-7777	-7777	-7777	5	0.9	10.4	31.0	0.0	0.0	0.0
8	84.6	60.6	72.6	3.3	2.9	2.9	546	484	393	248	124	86	-7777	1	3	12	0.3	7.5	31.0	0.0	0.0	0.0
9	77.0	50.0	63.5	3.6	2.7	2.8	281	234	170	87	33	19	26	39	65	132	0.0	2.7	29.7	0.0	0.6	0.0
10	64.3	37.4	50.9	3.7	2.6	2.7	62	43	24	6	1	1	191	234	307	445	0.0	0.2	27.3	0.3	8.3	0.0
11	49.2	24.9	37.0	6.1	3.7	4.6	3	2	-7777	-7777	0	0	542	600	689	839	0.0	0.0	14.8	3.4	23.9	0.3
12	36.8	15.1	25.9	6.5	5.4	5.8	0	0	0	0	0	0	900	962	1055	1210	0.0	0.0	5.4	10.5	30.7	3.0
Summary	61.7	37.2	49.4	4.8	3.5	3.8	2198	1892	1470	871	421	290	4190	4613	5286	6512	1.6	27.5	252.7	38.5	156.3	11.7

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2130 ft. Lat: 40.726° N Lon: 99.013° W

Generated on 08/15/2016

Station: **KEARNEY 4 NE, NE US GHCND:USC00254335**

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	0.49	3.6	1.6	0.1	-7777	0.20	0.36	0.58
2	0.55	4.2	1.7	0.2	0.0	0.23	0.47	0.70
3	1.79	6.4	3.8	1.0	0.3	0.54	1.79	2.75
4	2.23	7.7	4.4	1.4	0.6	1.23	1.85	3.22
5	4.18	11.8	7.5	2.9	1.0	2.81	3.89	5.22
6	3.93	10.0	6.8	2.4	1.1	2.32	3.63	5.33
7	3.28	8.1	5.4	2.4	1.1	1.43	2.98	4.62
8	3.08	8.2	4.9	2.0	0.9	1.80	3.08	3.74
9	2.07	6.5	3.6	1.2	0.5	0.87	1.47	3.37
10	2.04	6.5	3.5	1.3	0.6	0.70	1.68	2.49
11	1.02	4.9	2.6	0.6	0.1	0.41	0.73	1.78
12	0.57	3.7	1.4	0.2	-7777	0.14	0.34	0.90
Summary	25.23	81.6	47.2	15.7	6.2	12.68	22.27	34.70

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2130 ft. Lat: 40.726° N Lon: 99.013° W

Generated on 08/15/2016

Station: **KEARNEY 4 NE, NE US GHCND:USC00254335**

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	4.4	2.5	1.9	0.6	0.3	0.0	7.8	2.5	0.4	0.0	0.8	3.8	6.5
2	5.1	2.8	2.1	0.7	0.3	0.0	6.1	2.3	1.0	0.0	1.6	4.0	6.9
3	4.6	1.9	1.5	0.6	0.3	-7777	2.7	1.3	0.8	0.2	0.6	3.0	6.0
4	1.8	0.7	0.6	0.3	0.1	0.0	0.4	0.2	0.1	0.0	0.0	0.0	1.0
5	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
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	0.2	-7777	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.7	0.4	0.3	0.1	-7777	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
11	3.1	1.3	1.1	0.5	0.2	0.0	1.5	0.9	0.4	0.0	0.0	1.0	5.0
12	3.5	2.3	1.7	0.6	0.2	0.0	6.5	3.0	0.8	0.1	0.9	2.0	4.2
Summary	23.4	11.9	9.2	3.4	1.4	0.0	25.2	10.3	3.5	0.3	3.9	13.8	29.6

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 2130 ft. Lat: 40.726° N Lon: 99.013° W

Generated on 08/15/2016

Station: **KEARNEY 4 NE, NE US GHCND:USC00254335**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	23	105	293	607	894	1074	1010	705	358	88	8
45	2	7	50	186	455	744	919	855	558	235	42	1
50	-7777	1	20	105	313	594	764	700	414	133	15	-7777
55	0	-7777	6	52	192	447	609	546	281	62	3	0
60	0	-7777	1	22	101	305	454	393	170	24	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	18	32	97	203	364	575	714	667	445	239	79	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	33	138	431	1038	1932	3006	4016	4721	5079	5167	5175
45	2	9	59	245	700	1444	2363	3218	3776	4011	4053	4054
50	0	1	21	126	439	1033	1797	2497	2911	3044	3059	3059
55	0	0	6	58	250	697	1306	1852	2133	2195	2198	2198
60	0	0	1	23	124	429	883	1276	1446	1470	1470	1470
Growing Degree Units for Corn (Monthly)												
50/86	18	50	147	350	714	1289	2003	2670	3115	3354	3433	3448

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

**M** indicates the value is missing

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

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



## Summary of Monthly Normals 1981-2010

Elev: 2064 ft. Lat: 41.623° N Lon: 98.948° W

Generated on 08/15/2016

Station: **ORD EVELYN SHARP FIELD, NE US GHCND:USW00094958**

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	36.9	12.3	24.6	6.2	4.5	5.1	0	0	0	0	0	0	942	1004	1097	1252	0.0	0.0	5.5	11.5	30.7	5.3
2	40.2	15.4	27.8	7.5	4.7	5.9	0	0	0	0	0	0	761	817	901	1041	0.0	0.0	6.5	7.8	27.0	3.0
3	50.8	24.6	37.7	5.3	3.6	4.0	6	4	1	-7777	0	0	543	602	693	846	0.0	0.0	16.9	2.4	24.2	0.4
4	61.6	35.9	48.8	4.6	2.5	3.2	34	22	10	2	-7777	0	222	270	348	490	0.0	0.0	24.6	0.0	9.3	0.0
5	71.7	46.8	59.3	3.4	2.8	2.8	181	143	93	39	12	6	50	73	116	217	0.0	0.7	30.9	0.0	1.0	0.0
6	81.2	57.1	69.2	3.8	2.6	3.0	426	368	285	162	70	44	2	4	10	37	0.0	4.1	30.0	0.0	0.0	0.0
7	87.3	61.5	74.4	3.2	2.9	2.9	601	539	447	297	159	113	-7777	-7777	1	5	0.3	10.7	31.0	0.0	0.0	0.0
8	85.6	60.4	73.0	2.9	2.5	2.5	558	496	404	257	129	90	-7777	-7777	1	9	0.4	8.2	31.0	0.0	0.0	0.0
9	78.1	49.1	63.6	4.8	2.6	3.2	279	230	164	81	34	22	22	32	56	123	0.0	3.3	29.9	0.0	0.5	0.0
10	63.0	36.3	49.6	4.0	2.7	2.9	52	36	20	7	3	2	218	264	340	483	0.0	0.5	26.5	0.3	9.8	0.0
11	48.5	24.1	36.3	6.6	3.2	4.5	2	1	-7777	-7777	0	0	563	622	711	861	0.0	0.0	14.2	4.1	24.0	0.4
12	36.6	13.2	24.9	6.8	5.6	6.1	0	0	0	0	0	0	932	994	1088	1243	0.0	0.0	5.4	11.0	30.7	3.8
Summary	61.8	36.4	49.1	4.9	3.4	3.8	2139	1839	1424	845	407	277	4255	4682	5362	6607	0.7	27.5	252.4	37.1	157.2	12.9

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2064 ft. Lat: 41.623° N Lon: 98.948° W

Generated on 08/15/2016

Station: **ORD EVELYN SHARP FIELD, NE US GHCND:USW00094958**

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	0.37	@	@	@	@			
2	0.44	@	@	@	@			
3	1.45	@	@	@	@			
4	2.59	@	@	@	@			
5	3.81	@	@	@	@			
6	4.12	@	@	@	@			
7	2.97	@	@	@	@			
8	3.16	@	@	@	@			
9	2.44	@	@	@	@			
10	1.93	@	@	@	@			
11	1.07	@	@	@	@			
12	0.59	@	@	@	@			
Summary	24.94	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 2064 ft. Lat: 41.623° N Lon: 98.948° W

Generated on 08/15/2016

Station: **ORD EVELYN SHARP FIELD, NE US GHCND:USW00094958**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	16	96	287	597	875	1066	1023	708	322	75	5
45	1	4	44	174	445	724	911	867	559	203	32	-7777
50	-7777	1	19	88	302	574	756	713	414	110	8	-7777
55	0	0	6	34	181	426	601	558	279	52	2	0
60	0	0	1	10	93	285	447	404	164	20	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	21	27	94	191	362	563	705	675	454	223	72	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	24	120	407	1004	1879	2945	3968	4676	4998	5073	5078
45	1	5	49	223	668	1392	2303	3170	3729	3932	3964	3964
50	0	1	20	108	410	984	1740	2453	2867	2977	2985	2985
55	0	0	6	40	221	647	1248	1806	2085	2137	2139	2139
60	0	0	1	11	104	389	836	1240	1404	1424	1424	1424
Growing Degree Units for Corn (Monthly)												
50/86	21	48	142	333	695	1258	1963	2638	3092	3315	3387	3402

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

**M** indicates the value is missing

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2046 ft. Lat: 41.032° N Lon: 98.921° W

Generated on 08/15/2016

Station: **RAVENNA, NE US GHCND:USC00257040**

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	35.4	11.4	23.4	6.5	5.1	5.6	-7777	0	0	0	0	0	979	1041	1134	1290	0.0	0.0	4.8	12.2	30.8	5.6
2	38.7	14.8	26.7	6.9	5.0	5.7	-7777	-7777	-7777	0	0	0	791	847	931	1071	0.0	0.0	6.6	9.6	26.9	3.7
3	49.6	23.7	36.7	5.0	3.8	3.9	4	2	1	-7777	0	0	573	633	725	879	0.0	-7777	16.2	3.8	25.1	0.7
4	61.3	34.4	47.8	4.7	3.0	3.5	46	33	19	6	1	-7777	260	307	383	520	0.0	0.2	24.1	0.5	12.4	0.0
5	70.9	47.3	59.1	3.3	3.0	2.9	182	142	92	36	9	4	55	77	120	219	0.0	0.5	30.6	0.0	1.5	0.0
6	80.2	57.6	68.9	3.4	2.7	2.9	420	362	279	159	72	48	3	5	12	42	-7777	3.1	30.0	0.0	0.0	0.0
7	85.1	63.0	74.0	2.9	2.4	2.4	590	528	436	286	152	107	-7777	-7777	-7777	6	0.3	7.3	31.0	0.0	0.0	0.0
8	82.9	60.4	71.6	3.2	2.7	2.8	516	455	365	223	106	71	-7777	1	4	17	0.1	5.1	31.0	0.0	0.0	0.0
9	75.3	49.2	62.3	3.6	2.8	2.9	252	207	146	71	24	14	35	50	79	153	0.0	1.2	29.7	0.0	1.2	0.0
10	63.2	35.8	49.5	3.7	2.6	2.6	50	35	19	5	1	-7777	221	267	344	486	0.0	0.1	26.7	0.3	11.0	0.0
11	47.9	23.1	35.5	6.3	3.8	4.7	2	1	-7777	-7777	0	0	587	646	735	885	0.0	0.0	13.7	4.1	25.2	0.7
12	35.8	12.7	24.2	6.5	5.3	5.7	0	0	0	0	0	0	953	1015	1108	1263	0.0	0.0	4.7	11.5	30.7	4.2
Summary	60.5	36.1	48.3	4.7	3.5	3.8	2062	1765	1357	786	365	244	4457	4889	5575	6831	0.4	17.5	249.1	42.0	164.8	14.9

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2046 ft. Lat: 41.032° N Lon: 98.921° W

Generated on 08/15/2016

Station: **RAVENNA, NE US GHCND:USC00257040**

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	0.51	3.1	1.6	0.2	0.0	0.23	0.37	0.70
2	0.57	3.5	2.0	0.1	0.0	0.24	0.63	0.77
3	1.79	5.1	3.7	1.2	0.4	0.66	1.61	2.74
4	2.37	6.9	4.7	1.8	0.8	1.05	1.72	3.14
5	4.24	9.7	7.9	2.8	1.1	2.88	4.05	5.09
6	4.79	8.9	7.1	3.1	1.2	2.87	4.08	7.10
7	3.48	6.5	5.2	2.1	0.9	1.23	2.73	5.24
8	3.07	6.3	5.1	2.1	1.0	2.00	3.19	4.05
9	2.02	5.4	4.2	1.4	0.7	0.81	1.61	3.20
10	1.94	5.4	4.0	1.3	0.5	0.74	1.36	2.76
11	1.18	3.7	2.5	0.9	0.3	0.39	0.77	1.63
12	0.58	3.0	1.7	0.4	0.0	0.11	0.39	0.99
Summary	26.54	67.5	49.7	17.4	6.9	13.21	22.51	37.41

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2046 ft. Lat: 41.032° N Lon: 98.921° W

Generated on 08/15/2016

Station: **RAVENNA, NE US GHCND:USC00257040**

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	4.1	2.1	1.8	0.9	0.4	-7777	@	@	@	@	2.0	3.5	6.0
2	5.4	2.1	2.0	0.8	0.2	0.0	@	@	@	@	2.2	5.5	8.3
3	4.4	1.2	1.0	0.6	0.4	0.1	@	@	@	@	0.0	2.9	6.0
4	1.3	0.5	0.4	0.2	0.1	0.0	@	@	@	@	0.0	0.0	0.0
5	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
7	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
9	0.1	-7777	-7777	-7777	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.8	0.3	0.2	0.2	0.1	0.0	@	@	@	@	0.0	0.0	0.0
11	3.8	1.2	0.9	0.6	0.2	-7777	@	@	@	@	0.0	0.8	6.1
12	4.5	2.0	1.9	0.8	0.3	-7777	@	@	@	@	1.0	3.0	6.0
Summary	24.4	9.4	8.2	4.1	1.7	0.1	0.0	0.0	0.0	0.0	5.2	15.7	32.4

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## Summary of Monthly Normals 1981-2010

Elev: 2046 ft. Lat: 41.032° N Lon: 98.921° W

Generated on 08/15/2016

Station: **RAVENNA, NE US GHCND:USC00257040**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	16	90	273	593	867	1055	981	668	323	74	4
45	1	4	41	170	441	717	900	826	521	206	34	1
50	-7777	1	15	95	301	567	745	671	381	113	12	-7777
55	-7777	-7777	4	46	182	420	590	516	252	50	2	0
60	0	-7777	1	19	92	279	436	365	146	19	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	17	26	89	194	358	561	712	652	426	226	71	13

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	23	113	386	979	1846	2901	3882	4550	4873	4947	4951
45	1	5	46	216	657	1374	2274	3100	3621	3827	3861	3862
50	0	1	16	111	412	979	1724	2395	2776	2889	2901	2901
55	0	0	4	50	232	652	1242	1758	2010	2060	2062	2062
60	0	0	1	20	112	391	827	1192	1338	1357	1357	1357
Growing Degree Units for Corn (Monthly)												
50/86	17	43	132	326	684	1245	1957	2609	3035	3261	3332	3345

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

**M** indicates the value is missing

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2603 ft. Lat: 40.939° N Lon: 100.151° W

Generated on 08/15/2016

Station: **GOTHENBURG, NE US GHCND:USC00253365**

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	38.4	14.9	26.6	6.1	4.4	5.1	0	0	0	0	0	0	879	941	1034	1189	0.0	0.0	6.1	9.9	30.3	3.1
2	42.3	18.0	30.2	6.8	4.9	5.6	-7777	-7777	-7777	0	0	0	696	752	836	976	0.0	0.0	8.3	6.7	26.4	2.2
3	52.5	26.4	39.5	4.5	3.9	3.8	6	3	1	-7777	0	0	488	547	638	792	0.0	0.0	18.1	2.2	22.8	0.4
4	63.1	35.8	49.5	4.6	3.1	3.5	51	37	21	6	1	-7777	218	263	338	473	0.0	0.3	25.2	0.2	9.9	0.0
5	72.3	47.9	60.1	3.7	2.6	3.0	201	160	106	43	11	6	43	64	103	195	-7777	0.9	30.8	0.0	0.9	0.0
6	82.4	57.3	69.9	3.9	2.8	3.1	448	390	305	178	83	56	2	4	10	33	0.4	6.2	30.0	0.0	0.0	0.0
7	88.0	62.8	75.4	3.1	2.1	2.4	632	570	477	325	184	137	0	0	-7777	2	1.6	12.6	31.0	0.0	0.0	0.0
8	85.8	60.9	73.4	3.4	2.4	2.8	569	507	416	268	140	98	-7777	1	2	9	0.8	9.2	31.0	0.0	0.0	0.0
9	77.0	50.5	63.7	3.6	2.4	2.7	284	235	170	84	32	19	22	33	57	122	-7777	3.0	29.6	0.0	0.6	0.0
10	64.0	37.6	50.8	3.7	2.4	2.5	54	36	18	4	1	-7777	184	228	303	445	0.0	0.1	27.5	0.3	7.6	0.0
11	49.6	25.0	37.3	5.9	3.3	4.3	2	1	-7777	-7777	0	0	533	592	681	831	0.0	0.0	14.9	3.1	23.5	0.4
12	38.8	15.4	27.1	6.2	4.8	5.4	0	0	0	0	0	0	865	927	1020	1175	0.0	0.0	6.0	8.9	30.6	2.9
Summary	62.9	37.7	50.3	4.6	3.3	3.7	2247	1939	1514	908	452	316	3930	4352	5022	6242	2.8	32.3	258.5	31.3	152.6	9.0

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

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

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



**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2603 ft. Lat: 40.939° N Lon: 100.151° W

Generated on 08/15/2016

Station: **GOTHENBURG, NE US GHCND:USC00253365**

Precipitation (in.)								
Month	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		
	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.33	3.9	1.0	0.1	0.0	0.17	0.29	0.53
2	0.58	4.4	1.7	0.2	0.1	0.11	0.43	1.09
3	1.19	6.3	3.1	0.6	0.2	0.56	0.97	1.72
4	2.42	7.8	4.4	1.8	0.7	1.43	2.06	3.32
5	3.85	10.8	6.8	2.3	1.0	2.19	3.19	4.81
6	4.22	9.3	6.6	2.8	1.2	2.45	4.01	5.41
7	3.35	8.3	6.2	2.1	1.0	1.84	3.26	4.46
8	3.05	7.6	4.9	2.0	1.1	1.97	2.75	4.15
9	1.74	6.1	3.7	1.1	0.3	0.84	1.57	2.34
10	1.79	6.3	3.6	1.3	0.4	0.60	1.46	2.44
11	0.74	4.5	1.8	0.4	-7777	0.17	0.66	1.15
12	0.45	3.3	1.3	0.2	-7777	0.02	0.28	0.61
Summary	23.71	78.6	45.1	14.9	6.0	12.35	20.93	32.03

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

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2603 ft. Lat: 40.939° N Lon: 100.151° W

Generated on 08/15/2016

Station: **GOTHENBURG, NE US GHCND:USC00253365**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	27	120	308	623	895	1097	1033	713	353	85	9
45	2	8	57	194	470	745	942	879	565	226	38	1
50	-7777	2	21	107	325	596	787	724	421	123	12	-7777
55	0	-7777	6	51	201	448	632	569	284	54	2	0
60	0	-7777	1	21	106	305	477	416	170	18	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	22	37	110	215	377	574	723	679	447	234	78	19

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	39	159	467	1090	1985	3082	4115	4828	5181	5266	5275
45	2	10	67	261	731	1476	2418	3297	3862	4088	4126	4127
50	0	2	23	130	455	1051	1838	2562	2983	3106	3118	3118
55	0	0	6	57	258	706	1338	1907	2191	2245	2247	2247
60	0	0	1	22	128	433	910	1326	1496	1514	1514	1514
Growing Degree Units for Corn (Monthly)												
50/86	22	59	169	384	761	1335	2058	2737	3184	3418	3496	3515

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

**M** indicates the value is missing

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

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