

Summary of Monthly Normals 1981-2010

Elev: 2990 ft. Lat: 41.458° N Lon: 100.599° W

Generated on 08/15/2016

Station: **STAPLETON 5 W, NE US GHCND:USC00258133**

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	37.7	11.8	24.8	6.7	4.4	5.4	0	0	0	0	0	0	938	1000	1093	1248	0.0	0.0	7.0	10.7	30.9	5.2
2	41.7	14.6	28.2	6.9	5.1	5.8	-7777	-7777	0	0	0	0	752	808	892	1032	0.0	0.0	8.2	7.7	27.5	2.7
3	51.1	22.6	36.8	4.5	3.5	3.7	3	1	-7777	-7777	0	0	566	626	718	873	0.0	0.0	17.2	3.6	27.0	0.8
4	61.6	32.1	46.9	4.6	2.6	3.3	32	21	11	2	-7777	-7777	276	325	405	547	0.0	0.1	23.4	0.4	15.3	0.0
5	71.7	43.5	57.6	3.7	2.4	2.7	154	119	76	27	6	3	73	100	150	257	0.1	1.2	30.2	0.0	2.2	0.0
6	81.3	53.4	67.4	4.0	2.5	3.0	377	321	241	127	49	31	7	10	20	56	0.1	4.8	29.9	0.0	-7777	0.0
7	88.0	58.8	73.4	3.1	2.1	2.5	570	509	417	269	141	101	-7777	-7777	2	9	1.5	13.0	31.0	0.0	0.0	0.0
8	86.5	57.2	71.9	3.7	2.4	2.8	523	462	372	227	107	72	1	2	4	15	1.0	11.0	31.0	0.0	0.0	0.0
9	77.5	46.3	61.9	3.5	2.7	2.8	241	196	137	63	20	10	34	49	80	156	-7777	3.4	29.7	0.0	1.2	0.0
10	64.5	33.9	49.2	3.7	2.5	2.7	52	35	17	3	-7777	-7777	232	276	352	493	0.0	0.2	26.5	0.5	12.1	0.0
11	49.6	21.9	35.8	6.1	3.8	4.7	3	2	-7777	-7777	0	0	581	639	728	877	0.0	0.0	14.7	4.0	26.0	0.7
12	38.1	12.8	25.4	6.6	5.3	5.8	0	0	0	0	0	0	916	978	1071	1226	0.0	0.0	6.6	9.6	30.8	4.1
Summary	62.4	34.1	48.3	4.8	3.3	3.8	1955	1666	1271	718	323	217	4376	4813	5515	6789	2.7	33.7	255.4	36.5	173.0	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: 2990 ft. Lat: 41.458° N Lon: 100.599° W

Generated on 08/15/2016

Station: **STAPLETON 5 W, NE US GHCND:USC00258133**

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	0.58	4.4	1.7	0.3	-7777	0.16	0.41	0.88
2	0.83	5.0	2.4	0.3	0.1	0.23	0.63	1.24
3	1.51	7.2	3.2	0.8	0.2	0.86	1.14	1.90
4	2.42	9.8	5.5	1.7	0.5	1.25	2.20	3.43
5	3.29	11.6	6.3	2.1	0.8	1.97	2.95	4.23
6	4.05	12.6	7.0	2.7	1.0	3.10	3.78	5.56
7	2.85	10.6	5.7	2.2	0.5	1.67	2.44	3.87
8	1.95	8.0	4.4	1.4	0.5	1.01	1.49	2.63
9	2.25	7.2	3.6	1.3	0.5	0.79	2.16	3.32
10	1.72	7.0	3.2	1.0	0.5	0.58	1.17	2.28
11	0.96	4.5	2.2	0.4	0.1	0.27	0.84	1.51
12	0.56	4.1	1.5	0.2	-7777	0.15	0.40	0.72
Summary	22.97	92.0	46.7	14.4	4.7	12.04	19.61	31.57

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 2990 ft. Lat: 41.458° N Lon: 100.599° W

Generated on 08/15/2016

Station: **STAPLETON 5 W, NE US GHCND:USC00258133**

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	4.9	4.6	1.8	0.4	0.2	0.0	12.6	6.4	3.2	0.1	1.6	3.3	8.0
2	6.5	4.6	2.1	0.7	0.1	0.1	9.6	4.3	2.1	0.9	1.8	4.5	8.5
3	5.4	4.4	1.9	0.6	0.2	0.0	5.3	2.3	1.0	0.0	1.2	4.7	8.7
4	5.6	2.2	1.3	0.8	0.3	0.1	2.3	1.5	0.7	0.1	0.3	2.3	11.5
5	-7777	0.1	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	0.1	0.1	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
10	2.4	1.0	0.7	0.4	0.1	-7777	1.1	1.0	0.4	-7777	0.0	0.0	2.0
11	5.1	3.2	1.7	0.5	0.2	0.0	5.4	2.4	1.3	0.0	1.3	3.3	9.0
12	5.1	4.2	1.4	0.5	0.2	0.0	10.5	4.5	2.2	0.1	2.0	3.6	6.1
Summary	35.1	24.4	11.0	3.9	1.3	0.2	46.8	22.4	10.9	1.2	8.2	21.7	53.8

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Elev: 2990 ft. Lat: 41.458° N Lon: 100.599° W

Generated on 08/15/2016

Station: **STAPLETON 5 W, NE US GHCND:USC00258133**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	18	90	251	547	820	1035	987	658	320	81	10
45	1	5	40	151	398	671	880	832	511	205	38	2
50	-7777	1	14	77	263	522	725	677	369	114	14	-7777
55	0	-7777	3	32	154	377	570	523	241	52	3	0
60	0	0	-7777	11	76	241	417	372	137	17	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	21	34	102	198	346	516	663	630	422	243	88	22

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	26	116	367	914	1734	2769	3756	4414	4734	4815	4825
45	1	6	46	197	595	1266	2146	2978	3489	3694	3732	3734
50	0	1	15	92	355	877	1602	2279	2648	2762	2776	2776
55	0	0	3	35	189	566	1136	1659	1900	1952	1955	1955
60	0	0	0	11	87	328	745	1117	1254	1271	1271	1271
Growing Degree Units for Corn (Monthly)												
50/86	21	55	157	355	701	1217	1880	2510	2932	3175	3263	3285

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: 2690 ft. Lat: 42.065° N Lon: 100.247° W

Generated on 08/15/2016

Station: **PURDUM, NE US GHCND:USC00256970**

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	37.7	10.7	24.2	6.6	5.3	5.7	0	0	0	0	0	0	955	1017	1110	1265	0.0	0.0	6.7	10.5	30.8	6.3
2	42.0	14.0	28.0	6.4	5.4	5.8	-7777	-7777	0	0	0	0	756	812	896	1036	0.0	0.0	8.7	7.4	27.2	3.9
3	50.6	22.9	36.8	5.2	4.2	4.3	6	3	1	-7777	0	0	571	631	722	876	0.0	0.0	16.4	3.6	25.7	0.9
4	61.3	32.6	47.0	4.9	2.9	3.6	38	26	14	3	-7777	-7777	280	328	405	545	0.0	0.2	23.2	0.5	14.4	0.0
5	71.1	44.3	57.7	3.5	2.5	2.7	152	117	74	26	6	2	69	95	145	253	-7777	0.7	30.2	0.0	2.2	0.0
6	80.5	54.1	67.3	3.4	2.5	2.6	374	318	237	123	47	28	5	9	18	54	0.1	3.5	30.0	0.0	-7777	0.0
7	87.4	59.9	73.6	3.2	2.2	2.5	578	516	424	275	146	103	-7777	-7777	1	7	0.9	11.8	31.0	0.0	0.0	0.0
8	85.5	57.9	71.7	3.4	2.3	2.7	519	458	368	226	109	73	1	2	6	19	0.5	9.2	31.0	0.0	0.0	0.0
9	76.8	47.2	62.0	3.5	2.8	2.7	248	203	143	68	24	14	38	53	83	158	0.1	3.3	29.6	0.0	1.2	0.0
10	64.4	34.0	49.2	4.1	2.2	2.8	50	34	18	4	-7777	-7777	230	276	352	493	0.0	0.4	26.7	0.4	12.0	0.0
11	49.1	21.4	35.3	6.7	3.9	5.0	2	1	-7777	-7777	0	0	595	653	743	892	0.0	0.0	14.1	3.9	26.4	0.8
12	38.5	11.3	24.9	6.8	5.5	5.9	-7777	0	0	0	0	0	933	995	1088	1243	0.0	0.0	7.2	10.2	30.8	4.9
Summary	62.1	34.2	48.1	4.8	3.5	3.9	1967	1676	1279	725	332	220	4433	4871	5569	6841	1.6	29.1	254.8	36.5	170.7	16.8

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 1981-2010**

Elev: 2690 ft. Lat: 42.065° N Lon: 100.247° W

Generated on 08/15/2016

Station: **PURDUM, NE US GHCND:USC00256970**

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	2.2	1.4	0.3	0.0	0.21	0.33	0.65
2	0.71	2.7	1.9	0.4	0.1	0.29	0.52	1.01
3	1.39	4.2	3.1	1.0	0.2	0.66	1.21	1.90
4	2.47	6.4	5.0	1.8	0.6	1.28	2.43	3.39
5	3.70	8.4	6.6	2.9	1.4	2.37	3.74	5.30
6	3.85	8.0	6.2	2.5	1.1	2.38	2.90	5.45
7	2.80	6.6	5.3	2.0	0.8	1.28	2.86	4.24
8	2.25	5.7	4.7	1.7	0.6	1.52	2.13	2.77
9	2.29	5.0	3.9	1.5	0.6	0.99	1.98	2.83
10	1.89	4.2	3.4	1.3	0.3	0.76	1.44	2.74
11	0.85	2.6	2.1	0.5	0.2	0.15	0.71	1.37
12	0.54	2.3	1.5	0.2	-7777	0.11	0.37	0.76
Summary	23.21	58.3	45.1	16.1	5.9	12.00	20.62	32.41

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 Monthly Normals
 1981-2010**

Elev: 2690 ft. Lat: 42.065° N Lon: 100.247° W

Generated on 08/15/2016

Station: **PURDUM, NE US GHCND:USC00256970**

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	4.7	2.2	1.4	0.6	0.2	0.0	@	@	@	@	1.0	2.8	8.2
2	4.8	2.2	1.6	0.7	0.2	0.0	@	@	@	@	2.3	4.9	7.0
3	6.8	2.8	2.1	0.9	0.3	-7777	@	@	@	@	1.6	6.7	10.2
4	3.7	1.4	1.0	0.6	0.3	0.1	@	@	@	@	0.0	1.3	7.6
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	1.6	0.6	0.5	0.1	0.1	0.0	@	@	@	@	0.0	0.0	2.2
11	5.0	1.5	1.3	0.6	0.2	0.0	@	@	@	@	0.5	1.5	8.0
12	4.3	2.1	1.5	0.6	0.3	-7777	@	@	@	@	0.0	3.1	6.0
Summary	31.0	12.8	9.4	4.1	1.6	0.1	0.0	0.0	0.0	0.0	5.4	20.3	49.2

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Generated on 08/15/2016

Station: **PURDUM, NE US GHCND:USC00256970**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	25	96	258	550	819	1043	982	661	318	75	10
45	1	8	46	159	400	669	888	827	516	202	34	2
50	-7777	1	18	85	264	520	733	673	374	111	11	-7777
55	0	-7777	6	38	152	374	578	519	248	50	2	-7777
60	0	0	1	14	74	237	424	368	143	18	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	24	40	101	196	342	521	679	637	422	239	84	25

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	34	130	388	938	1757	2800	3782	4443	4761	4836	4846
45	1	9	55	214	614	1283	2171	2998	3514	3716	3750	3752
50	0	1	19	104	368	888	1621	2294	2668	2779	2790	2790
55	0	0	6	44	196	570	1148	1667	1915	1965	1967	1967
60	0	0	1	15	89	326	750	1118	1261	1279	1279	1279
Growing Degree Units for Corn (Monthly)												
50/86	24	64	165	361	703	1224	1903	2540	2962	3201	3285	3310

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

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 2100 ft. Lat: 41.804° N Lon: 98.824° W

Generated on 08/15/2016

Station: **ERICSON 6 WNW, NE US GHCND:USC00252770**

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	34.7	10.2	22.5	6.8	6.0	6.2	0	0	0	0	0	0	1009	1071	1164	1319	0.0	0.0	5.1	13.2	30.9	6.8
2	38.2	14.3	26.2	6.6	5.8	6.0	-7777	-7777	-7777	0	0	0	805	861	945	1085	0.0	0.0	6.5	9.5	27.0	4.1
3	48.7	22.7	35.7	4.7	3.7	3.9	3	2	-7777	-7777	-7777	0	602	662	754	908	0.0	0.0	15.1	4.2	25.9	0.8
4	60.5	33.2	46.8	4.8	3.0	3.5	39	28	15	4	1	-7777	283	332	410	549	0.0	0.3	23.1	0.5	14.1	0.0
5	70.7	44.8	57.7	3.4	3.1	2.9	155	118	73	26	6	2	69	95	143	251	0.0	0.5	30.3	0.0	2.1	0.0
6	80.3	54.6	67.5	3.9	3.3	3.4	378	322	242	132	54	35	5	8	19	58	0.1	3.4	30.0	0.0	0.0	0.0
7	86.2	60.0	73.1	3.0	2.5	2.4	561	499	407	261	133	94	-7777	-7777	1	10	0.7	9.8	31.0	0.0	0.0	0.0
8	84.3	58.4	71.3	3.0	2.4	2.5	507	446	357	216	103	69	1	2	5	20	0.5	7.2	31.0	0.0	0.0	0.0
9	76.2	47.8	62.0	3.7	2.5	2.5	240	195	137	65	23	13	30	45	77	155	0.0	2.3	29.7	0.0	1.0	0.0
10	63.3	34.5	48.9	4.0	2.6	2.8	45	31	16	4	1	-7777	234	282	360	503	0.0	0.2	26.1	0.3	12.2	0.0
11	47.8	22.7	35.3	6.7	3.8	4.9	4	2	1	0	0	0	596	654	743	892	0.0	0.0	13.5	4.6	25.4	1.0
12	35.7	12.3	24.0	6.8	5.4	5.9	0	0	0	0	0	0	961	1023	1116	1271	0.0	0.0	4.7	11.1	30.7	5.1
Summary	60.6	34.6	47.6	4.8	3.7	3.9	1932	1643	1248	708	321	213	4595	5035	5737	7021	1.3	23.7	246.1	43.4	169.3	17.8

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

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 2100 ft. Lat: 41.804° N Lon: 98.824° W

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Station: **ERICSON 6 WNW, NE US GHCND:USC00252770**

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	3.6	1.8	0.3	-7777	0.22	0.40	0.83
2	0.70	3.9	1.9	0.3	0.0	0.24	0.70	1.02
3	1.69	6.4	3.6	1.0	0.3	0.70	1.45	2.42
4	2.61	8.5	5.7	1.9	0.5	1.43	2.48	3.33
5	3.79	10.8	7.1	2.5	1.0	2.02	3.79	4.53
6	4.38	9.7	7.0	2.7	1.0	2.67	3.54	5.12
7	3.51	8.3	5.4	2.6	1.2	1.61	2.61	4.98
8	3.25	7.6	5.6	2.3	0.8	1.88	3.07	4.27
9	2.49	6.8	4.2	1.7	0.6	1.67	2.31	3.18
10	2.09	6.7	4.3	1.4	0.5	0.69	1.84	2.80
11	1.30	4.7	2.7	1.0	0.2	0.22	1.16	1.99
12	0.73	3.7	1.9	0.4	0.1	0.25	0.46	0.91
Summary	27.13	80.7	51.2	18.1	6.2	13.60	23.81	35.38

@ 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: 2100 ft. Lat: 41.804° N Lon: 98.824° W

Generated on 08/15/2016

Station: **ERICSON 6 WNW, NE US GHCND:USC00252770**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	16	81	250	551	824	1026	972	661	309	76	6
45	1	4	35	152	402	673	871	817	513	195	37	1
50	-7777	1	12	82	266	524	716	662	370	104	14	-7777
55	0	-7777	3	39	155	378	561	507	240	45	4	0
60	0	-7777	-7777	15	73	242	407	357	137	16	1	0
Growing Degree Units for Corn (Monthly)												
50/86	16	26	85	185	340	525	673	636	422	225	75	14

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	23	104	354	905	1729	2755	3727	4388	4697	4773	4779
45	1	5	40	192	594	1267	2138	2955	3468	3663	3700	3701
50	0	1	13	95	361	885	1601	2263	2633	2737	2751	2751
55	0	0	3	42	197	575	1136	1643	1883	1928	1932	1932
60	0	0	0	15	88	330	737	1094	1231	1247	1248	1248
Growing Degree Units for Corn (Monthly)												
50/86	16	42	127	312	652	1177	1850	2486	2908	3133	3208	3222

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: 1390 ft. Lat: 42.829° N Lon: 98.458° W

Generated on 08/15/2016

Station: **LYNCH, NE US GHCND:USC00255040**

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	33.3	7.5	20.4	7.0	6.3	6.5	0	0	0	0	0	0	1073	1135	1228	1383	0.0	0.0	4.1	14.3	30.9	8.8
2	37.6	11.9	24.7	7.4	6.7	6.7	-7777	-7777	-7777	0	0	0	847	903	987	1127	0.0	0.0	6.3	10.1	27.1	5.3
3	48.5	22.4	35.4	5.6	4.1	4.6	5	3	1	-7777	0	0	611	671	762	916	0.0	0.0	14.4	4.1	25.6	1.2
4	61.0	33.4	47.2	5.0	3.1	3.7	43	31	18	6	1	1	277	325	402	540	0.0	0.4	23.8	0.4	13.8	0.0
5	71.8	45.6	58.7	3.4	2.9	2.8	176	138	91	39	12	6	61	85	131	234	0.0	1.2	30.3	0.0	2.1	0.0
6	81.2	55.8	68.5	3.5	3.3	3.2	409	352	272	155	72	49	4	7	17	50	0.3	4.8	30.0	0.0	0.0	0.0
7	87.8	61.8	74.8	4.1	2.7	3.2	614	552	459	311	181	138	-7777	-7777	1	8	2.1	11.9	31.0	0.0	0.0	0.0
8	86.3	59.7	73.0	3.3	2.5	2.7	559	498	407	264	144	105	1	2	5	16	1.3	10.5	31.0	0.0	0.0	0.0
9	77.2	48.6	62.9	4.1	2.9	3.1	268	222	162	86	38	25	31	45	75	149	0.1	3.5	29.8	0.0	1.1	0.0
10	64.0	34.6	49.3	4.0	2.7	2.7	51	36	19	6	1	1	228	275	351	492	0.0	0.5	26.5	0.3	12.0	0.0
11	47.6	21.7	34.6	6.9	3.8	5.0	3	1	-7777	-7777	0	0	614	672	761	910	0.0	0.0	13.6	4.8	25.8	1.3
12	34.7	10.4	22.6	7.2	5.7	6.3	0	0	0	0	0	0	1006	1068	1161	1316	0.0	0.0	4.1	12.2	30.8	5.9
Summary	60.9	34.5	47.7	5.1	3.9	4.2	2128	1833	1429	867	449	325	4753	5188	5881	7141	3.8	32.8	244.9	46.2	169.2	22.5

@ 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: 1390 ft. Lat: 42.829° N Lon: 98.458° W

Generated on 08/15/2016

Station: **LYNCH, NE US GHCND:USC00255040**

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	3.3	1.5	0.4	-7777	0.17	0.36	0.77
2	0.64	3.1	1.8	0.3	0.1	0.28	0.63	0.84
3	1.66	4.8	3.7	0.9	0.3	0.76	1.21	2.57
4	3.12	7.4	5.4	2.3	0.8	1.55	2.78	4.26
5	3.68	8.2	6.5	2.5	0.9	2.64	3.49	4.51
6	3.44	7.7	6.3	2.5	1.0	2.17	2.97	4.32
7	2.87	6.7	5.0	1.7	0.8	1.40	2.16	3.78
8	2.79	6.2	4.7	1.8	0.7	1.43	2.40	3.82
9	2.69	5.4	3.9	1.7	0.8	1.26	1.91	3.56
10	2.20	4.8	3.7	1.5	0.7	0.86	1.74	3.35
11	1.00	3.8	2.3	0.5	0.1	0.38	0.81	1.39
12	0.58	3.1	1.5	0.2	0.1	0.19	0.43	0.60
Summary	25.17	64.5	46.3	16.3	6.3	13.09	20.89	33.77

@ 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: 1390 ft. Lat: 42.829° N Lon: 98.458° W

Generated on 08/15/2016

Station: **LYNCH, NE US GHCND:USC00255040**

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	2.9	2.3	1.1	0.3	0.1	13.3	10.0	5.5	2.0	3.0	6.5	8.0
2	6.1	2.3	2.1	0.8	0.3	0.1	10.6	7.8	6.1	2.5	2.0	5.0	6.0
3	6.6	2.8	2.5	1.1	0.5	0.1	6.5	4.3	2.7	1.2	2.5	6.0	9.0
4	4.0	0.9	0.9	0.5	0.4	-7777	1.4	0.7	0.3	-7777	0.0	0.5	9.0
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	0.7	0.3	0.3	0.1	-7777	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0
11	4.2	2.0	1.7	0.7	0.3	-7777	3.7	2.2	1.0	-7777	0.0	3.0	7.0
12	7.4	2.5	2.3	0.9	0.3	-7777	11.6	8.7	5.1	2.0	1.2	6.0	12.5
Summary	35.0	13.7	12.1	5.2	2.1	0.3	47.4	33.9	20.7	7.7	8.7	27.0	51.5

@ 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: 1390 ft. Lat: 42.829° N Lon: 98.458° W

Generated on 08/15/2016

Station: **LYNCH, NE US GHCND:USC00255040**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	14	85	260	580	855	1078	1023	687	318	69	3
45	1	3	40	160	430	705	923	868	540	201	33	1
50	0	-7777	16	88	292	556	769	713	397	111	12	-7777
55	0	-7777	5	43	176	409	614	559	268	51	3	0
60	0	-7777	1	18	91	272	459	407	162	19	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	15	26	85	191	361	546	705	667	440	234	74	13

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	18	103	363	943	1798	2876	3899	4586	4904	4973	4976
45	1	4	44	204	634	1339	2262	3130	3670	3871	3904	3905
50	0	0	16	104	396	952	1721	2434	2831	2942	2954	2954
55	0	0	5	48	224	633	1247	1806	2074	2125	2128	2128
60	0	0	1	19	110	382	841	1248	1410	1429	1429	1429
Growing Degree Units for Corn (Monthly)												
50/86	15	41	126	317	678	1224	1929	2596	3036	3270	3344	3357

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: 2176 ft. Lat: 41.777° N Lon: 99.143° W

Generated on 08/15/2016

Station: **BURWELL, NE US GHCND:USC00251345**

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	34.0	10.8	22.4	6.9	5.5	6.0	0	0	0	0	0	0	1011	1073	1166	1321	0.0	0.0	4.3	13.2	30.9	5.8
2	37.8	13.9	25.9	6.8	5.9	6.1	-7777	-7777	0	0	0	0	816	872	956	1096	0.0	0.0	5.9	9.5	27.1	4.0
3	48.7	22.5	35.6	5.0	3.7	3.9	2	1	-7777	-7777	0	0	604	664	757	911	0.0	0.0	15.2	4.4	26.5	0.8
4	60.1	33.4	46.7	4.7	2.7	3.4	35	25	14	4	-7777	-7777	282	332	411	551	0.0	0.1	23.3	0.5	13.6	0.0
5	70.1	46.2	58.1	3.4	2.8	2.7	160	122	76	27	6	3	62	87	134	240	0.0	0.2	30.3	0.0	1.7	0.0
6	79.5	56.3	67.9	3.4	2.7	2.8	391	334	253	136	55	35	4	7	16	49	-7777	2.7	30.0	0.0	-7777	0.0
7	85.6	61.7	73.7	3.3	2.1	2.5	578	516	423	275	143	101	-7777	-7777	1	7	0.5	8.5	31.0	0.0	0.0	0.0
8	83.1	59.1	71.1	3.3	2.3	2.7	500	438	349	208	94	62	1	2	5	18	0.1	5.8	31.0	0.0	0.0	0.0
9	75.3	48.6	61.9	3.8	2.6	2.8	242	197	138	65	22	12	33	49	80	157	0.0	1.6	29.6	0.0	1.1	0.0
10	62.3	35.0	48.6	3.8	2.3	2.5	40	27	13	3	-7777	-7777	237	285	365	510	0.0	0.1	26.1	0.4	11.2	0.0
11	46.5	22.2	34.4	6.6	3.8	4.9	1	1	-7777	-7777	0	0	621	680	770	919	0.0	0.0	12.2	4.7	26.1	0.8
12	34.0	11.7	22.9	6.6	5.2	5.7	0	0	0	0	0	0	996	1058	1151	1306	0.0	0.0	3.8	12.5	30.7	5.1
Summary	59.8	35.1	47.4	4.8	3.5	3.8	1949	1661	1266	718	320	213	4667	5109	5812	7085	0.6	19.0	242.7	45.2	168.9	16.5

@ 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: 2176 ft. Lat: 41.777° N Lon: 99.143° W

Generated on 08/15/2016

Station: **BURWELL, NE US GHCND:USC00251345**

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	3.5	1.6	0.2	-7777	0.14	0.42	0.73
2	0.65	4.3	2.4	0.2	-7777	0.21	0.63	0.93
3	1.50	6.1	3.3	1.0	0.2	0.65	1.26	1.99
4	2.79	8.8	5.8	2.0	0.6	1.42	2.39	3.65
5	3.84	9.8	7.0	2.3	0.9	2.52	3.38	5.78
6	3.88	10.1	7.1	2.9	1.0	2.50	3.27	5.13
7	3.07	7.7	4.9	2.1	0.7	1.56	2.46	3.98
8	3.32	7.8	5.2	1.9	1.0	1.82	3.00	4.37
9	2.33	6.8	4.3	1.7	0.6	1.35	2.16	3.26
10	2.02	6.4	4.2	1.3	0.6	0.86	1.55	3.06
11	1.09	4.4	2.4	0.6	0.2	0.40	0.81	1.73
12	0.62	3.8	1.7	0.2	0.1	0.20	0.34	0.84
Summary	25.63	79.5	49.9	16.4	5.9	13.63	21.67	35.45

@ 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: 2176 ft. Lat: 41.777° N Lon: 99.143° W

Generated on 08/15/2016

Station: **BURWELL, NE US GHCND:USC00251345**

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	6.3	2.9	2.1	0.7	0.3	0.1	15.7	11.2	5.7	1.7	2.1	5.0	9.4
2	5.4	2.9	2.2	0.7	0.2	0.0	12.3	7.0	4.1	0.9	2.0	5.8	7.4
3	5.3	2.8	2.1	0.7	0.2	-7777	5.3	2.7	1.9	0.1	1.0	3.7	6.0
4	3.8	1.2	1.2	0.5	0.3	-7777	1.1	0.5	0.3	0.0	0.0	2.0	8.0
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	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.3	0.6	0.5	0.2	0.1	0.0	0.7	0.3	0.1	0.0	0.0	0.0	1.1
11	4.3	1.9	1.5	0.7	0.3	-7777	4.9	2.1	1.3	0.2	0.7	3.0	5.0
12	6.0	2.8	2.2	0.5	0.2	-7777	12.1	7.1	4.2	1.3	2.0	4.1	10.0
Summary	32.4	15.1	11.8	4.0	1.6	0.1	52.1	30.9	17.6	4.2	7.8	23.6	46.9

@ 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: 2176 ft. Lat: 41.777° N Lon: 99.143° W

Generated on 08/15/2016

Station: **BURWELL, NE US GHCND:USC00251345**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	11	77	243	563	837	1043	964	659	299	57	3
45	-7777	3	33	143	413	687	888	809	512	185	24	-7777
50	-7777	-7777	12	75	274	537	733	654	371	97	7	-7777
55	0	-7777	2	35	160	391	578	500	242	40	1	0
60	0	0	-7777	14	76	253	423	349	138	13	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	12	21	84	176	338	535	693	631	416	211	60	10

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	14	91	334	897	1734	2777	3741	4400	4699	4756	4759
45	0	3	36	179	592	1279	2167	2976	3488	3673	3697	3697
50	0	0	12	87	361	898	1631	2285	2656	2753	2760	2760
55	0	0	2	37	197	588	1166	1666	1908	1948	1949	1949
60	0	0	0	14	90	343	766	1115	1253	1266	1266	1266
Growing Degree Units for Corn (Monthly)												
50/86	12	33	117	293	631	1166	1859	2490	2906	3117	3177	3187

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: 3217 ft. Lat: 42.043° N Lon: 101.046° W

Generated on 08/15/2016

Station: **MULLEN, NE US GHCND:USC00255700**

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	39.1	14.2	26.7	6.2	5.7	5.6	0	0	0	0	0	0	879	941	1034	1189	0.0	0.0	5.8	8.3	29.9	3.9
2	41.6	16.3	29.0	6.0	5.5	5.5	-7777	-7777	0	0	0	0	729	785	869	1009	0.0	0.0	9.7	7.5	26.1	3.6
3	52.8	24.9	38.9	4.5	2.6	3.2	4	2	1	-7777	-7777	0	505	565	656	811	0.0	0.0	18.3	2.4	23.6	0.5
4	62.8	33.2	48.0	4.8	3.7	3.9	45	32	18	5	1	1	255	302	378	515	0.1	0.5	24.9	0.2	13.4	0.0
5	73.3	45.1	59.2	3.8	2.0	2.7	187	147	97	38	8	3	57	79	122	218	0.0	0.9	30.2	0.0	1.7	0.0
6	82.6	54.1	68.4	3.2	2.9	2.8	402	345	263	143	58	36	2	4	12	43	0.1	6.0	30.0	0.0	0.1	0.0
7	89.4	59.4	74.4	3.7	1.8	2.5	601	539	447	296	160	116	-7777	-7777	1	5	1.7	15.2	31.0	0.0	0.0	0.0
8	87.3	58.6	72.9	2.9	2.2	2.4	556	495	404	259	132	91	-7777	1	3	13	0.4	12.0	31.0	0.0	0.0	0.0
9	77.4	47.9	62.7	3.0	2.8	2.6	265	218	155	73	26	15	35	49	75	144	0.0	3.1	29.5	0.0	1.6	0.0
10	63.8	36.1	50.0	3.7	2.6	2.8	52	34	16	3	-7777	-7777	209	253	328	470	0.0	0.3	26.6	0.3	9.9	0.0
11	48.1	24.2	36.1	6.0	4.0	4.9	3	1	-7777	0	0	0	569	627	716	865	0.0	0.0	13.5	3.4	23.0	1.1
12	37.9	14.9	26.4	6.1	5.2	5.5	0	0	0	0	0	0	886	948	1041	1196	0.0	0.0	6.3	9.3	29.8	3.5
Summary	63.0	35.7	49.4	4.5	3.4	3.7	2115	1813	1401	817	385	262	4126	4554	5235	6478	2.3	38.0	256.8	31.4	159.1	12.6

@ 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: 3217 ft. Lat: 42.043° N Lon: 101.046° W

Generated on 08/15/2016

Station: **MULLEN, NE US GHCND:USC00255700**

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	2.6	1.0	0.1	0.0	0.07	0.38	0.56
2	0.51	2.8	1.0	0.3	0.1	0.10	0.40	0.80
3	1.29	4.8	3.2	1.1	0.3	0.55	1.21	1.72
4	2.42	6.1	4.2	1.4	0.4	1.31	1.98	3.88
5	2.92	8.5	6.2	1.9	0.8	1.06	2.71	3.66
6	3.54	8.1	6.1	2.6	0.9	2.01	3.15	5.25
7	3.39	8.4	6.3	2.9	0.9	2.17	3.37	4.68
8	2.35	6.3	4.6	1.9	0.7	1.55	2.28	3.00
9	1.79	5.6	4.2	1.2	0.3	1.05	1.49	2.74
10	1.11	4.7	3.3	0.8	0.2	0.54	0.91	1.50
11	0.87	3.1	2.0	0.8	0.3	0.23	0.81	1.40
12	0.56	2.7	1.8	0.3	0.1	0.15	0.35	0.67
Summary	21.13	63.7	43.9	15.3	5.0	10.79	19.04	29.86

@ 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: 3217 ft. Lat: 42.043° N Lon: 101.046° W

Generated on 08/15/2016

Station: **MULLEN, NE US GHCND:USC00255700**

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	2.7	2.3	0.8	0.2	0.1	13.4	8.7	6.1	1.2	1.0	3.4	5.9
2	3.9	2.6	2.2	0.7	0.3	0.0	8.2	5.2	2.6	1.3	1.5	3.5	4.5
3	7.2	2.4	2.0	1.2	0.5	0.0	5.0	2.5	1.2	0.3	1.0	4.5	13.3
4	6.8	1.2	1.1	0.8	0.4	0.2	1.9	1.2	0.7	0.3	0.0	2.0	15.0
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	0.3	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
10	1.0	0.6	0.6	0.3	0.1	0.0	0.6	0.3	0.1	0.0	0.0	0.0	2.0
11	7.5	2.1	1.8	1.1	0.8	0.2	5.4	3.7	2.5	0.4	1.0	7.0	13.0
12	8.9	2.8	2.6	1.4	0.7	0.1	14.1	9.5	6.4	2.2	4.0	7.5	16.0
Summary	41.6	14.5	12.7	6.4	3.0	0.6	48.7	31.2	19.6	5.7	8.5	27.9	69.7

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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: 3217 ft. Lat: 42.043° N Lon: 101.046° W

Generated on 08/15/2016

Station: **MULLEN, NE US GHCND:USC00255700**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	29	116	275	596	850	1066	1021	680	336	79	10
45	2	8	55	171	445	700	911	866	535	216	36	1
50	-7777	1	20	95	306	551	756	711	394	118	13	-7777
55	0	-7777	4	45	187	402	601	556	265	52	3	0
60	0	0	1	18	97	263	447	404	155	16	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	16	36	115	209	378	542	682	661	437	231	67	17

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	38	154	429	1025	1875	2941	3962	4642	4978	5057	5067
45	2	10	65	236	681	1381	2292	3158	3693	3909	3945	3946
50	0	1	21	116	422	973	1729	2440	2834	2952	2965	2965
55	0	0	4	49	236	638	1239	1795	2060	2112	2115	2115
60	0	0	1	19	116	379	826	1230	1385	1401	1401	1401
Growing Degree Units for Corn (Monthly)												
50/86	16	52	167	376	754	1296	1978	2639	3076	3307	3374	3391

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: 3040 ft. Lat: 42.950° N Lon: 100.945° W

Generated on 08/15/2016

Station: **KILGORE 1 NE, NE US GHCND:USC00254432**

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	37.2	13.5	25.4	5.8	5.3	5.3	-7777	0	0	0	0	0	919	981	1074	1229	0.0	0.0	6.1	10.0	29.7	5.0
2	40.0	15.6	27.8	6.8	5.6	6.1	-7777	-7777	0	0	0	0	762	817	901	1042	0.0	0.0	6.4	8.1	26.8	2.8
3	49.1	22.0	35.5	5.1	4.4	4.4	3	2	1	-7777	0	0	606	667	758	913	0.0	0.0	15.1	4.0	27.5	1.0
4	59.9	33.0	46.5	4.5	3.2	3.6	27	17	7	1	-7777	-7777	284	334	414	558	0.0	0.0	22.9	0.2	12.7	0.0
5	70.2	43.9	57.1	4.3	2.8	3.3	141	107	66	23	7	4	78	105	157	270	0.0	1.5	30.2	0.0	1.6	0.0
6	80.0	53.9	66.9	4.1	3.0	3.3	365	310	234	126	52	34	7	12	25	67	0.5	3.9	29.8	0.0	0.0	0.0
7	87.9	60.1	74.0	3.8	2.4	3.0	589	527	435	287	154	110	-7777	-7777	1	8	1.7	12.3	31.0	0.0	0.0	0.0
8	86.6	57.5	72.1	3.8	2.6	2.9	529	468	379	240	124	87	1	2	6	21	1.2	11.3	31.0	0.0	0.0	0.0
9	76.4	46.9	61.7	3.2	2.6	2.7	238	194	136	65	25	16	39	54	86	165	0.0	3.8	29.5	0.0	0.8	0.0
10	63.2	34.7	48.9	4.4	2.5	3.0	49	34	17	4	-7777	-7777	237	284	360	502	0.0	0.5	26.1	0.5	10.1	0.0
11	46.8	23.3	35.1	6.6	3.8	5.1	3	1	-7777	-7777	0	0	601	660	749	898	0.0	0.0	13.1	5.7	24.3	0.3
12	37.5	13.4	25.5	5.9	6.0	5.7	0	0	0	0	0	0	916	978	1071	1226	0.0	0.0	5.3	9.6	30.4	4.7
Summary	61.2	34.8	48.0	4.9	3.7	4.0	1944	1660	1275	746	362	251	4450	4894	5602	6899	3.4	33.3	246.5	38.1	163.9	13.8

@ 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: 3040 ft. Lat: 42.950° N Lon: 100.945° W

Generated on 08/15/2016

Station: **KILGORE 1 NE, NE US GHCND:USC00254432**

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	@	@	@	@			
2	0.50	@	@	@	@			
3	1.39	@	@	@	@			
4	2.64	@	@	@	@			
5	3.28	@	@	@	@			
6	3.70	@	@	@	@			
7	2.85	@	@	@	@			
8	2.10	@	@	@	@			
9	1.89	@	@	@	@			
10	1.33	@	@	@	@			
11	0.74	@	@	@	@			
12	0.37	@	@	@	@			
Summary	21.29	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: 3040 ft. Lat: 42.950° N Lon: 100.945° W

Generated on 08/15/2016

Station: **KILGORE 1 NE, NE US GHCND:USC00254432**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	19	81	241	530	809	1053	993	650	312	80	9
45	2	6	39	143	382	659	898	838	504	197	37	2
50	-7777	1	13	71	249	510	744	683	363	109	12	-7777
55	-7777	-7777	3	27	141	365	589	529	238	49	3	0
60	0	0	1	7	66	234	435	379	136	17	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	18	26	91	177	320	505	681	632	408	225	73	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	30	111	352	882	1691	2744	3737	4387	4699	4779	4788
45	2	8	47	190	572	1231	2129	2967	3471	3668	3705	3707
50	0	1	14	85	334	844	1588	2271	2634	2743	2755	2755
55	0	0	3	30	171	536	1125	1654	1892	1941	1944	1944
60	0	0	1	8	74	308	743	1122	1258	1275	1275	1275
Growing Degree Units for Corn (Monthly)												
50/86	18	44	135	312	632	1137	1818	2450	2858	3083	3156	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

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

**Summary of
 Monthly Normals
 1981-2010**

Elev: 1750 ft. Lat: 42.944° N Lon: 98.554° W

Generated on 08/15/2016

Station: **GROSS 1 E, NE US GHCND:USC00253478**

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	0.52	@	@	@	@			
3	1.53	@	@	@	@			
4	2.99	@	@	@	@			
5	3.60	@	@	@	@			
6	3.48	@	@	@	@			
7	2.81	@	@	@	@			
8	2.47	@	@	@	@			
9	2.54	@	@	@	@			
10	1.89	@	@	@	@			
11	0.74	@	@	@	@			
12	0.62	@	@	@	@			
Summary	23.54	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: 3460 ft. Lat: 42.250° N Lon: 101.336° W

Generated on 08/15/2016

Station: **MULLEN 21 NW, NE US GHCND:USC00255702**

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	12.2	24.7	6.4	4.9	5.5	0	0	0	0	0	0	941	1003	1096	1251	0.0	0.0	5.9	10.2	30.5	5.4
2	41.0	15.0	28.0	5.9	5.3	5.5	-7777	-7777	-7777	0	0	0	756	812	896	1036	0.0	0.0	8.4	7.3	27.4	3.9
3	49.0	23.0	36.0	4.7	3.8	4.0	5	3	1	-7777	0	0	594	654	745	899	0.0	0.0	15.7	4.8	26.0	1.0
4	59.2	32.2	45.7	4.5	2.4	3.2	36	25	13	3	-7777	-7777	315	364	441	582	0.0	0.1	21.5	0.8	14.9	0.0
5	69.6	42.7	56.2	3.6	2.6	2.8	129	97	58	19	4	2	93	123	178	294	0.0	0.4	29.6	0.0	3.0	0.0
6	79.4	52.6	66.0	4.2	3.1	3.4	340	287	212	109	42	26	10	17	32	79	0.2	3.7	29.8	0.0	0.0	0.0
7	87.2	58.6	72.9	3.3	2.2	2.6	555	494	403	257	135	96	-7777	1	3	13	1.6	12.4	31.0	0.0	0.0	0.0
8	85.8	57.4	71.6	3.1	2.2	2.5	516	455	365	223	105	70	1	3	6	19	0.7	9.7	31.0	0.0	0.0	0.0
9	76.7	46.3	61.5	3.5	2.2	2.6	241	196	138	66	22	12	46	61	93	171	0.1	3.6	29.3	0.0	1.6	0.0
10	63.0	33.1	48.0	3.5	2.0	2.4	44	29	14	3	-7777	-7777	259	307	385	528	0.0	0.4	25.4	0.5	13.2	-7777
11	48.4	21.4	34.9	6.6	4.0	5.1	3	2	-7777	-7777	0	0	606	665	753	903	0.0	0.0	13.4	4.7	26.0	1.2
12	38.2	13.1	25.6	6.4	5.3	5.7	-7777	-7777	0	0	0	0	910	972	1065	1220	0.0	0.0	6.9	9.2	30.5	4.2
Summary	61.2	34.0	47.6	4.6	3.3	3.8	1869	1588	1204	680	308	206	4531	4982	5693	6995	2.6	30.3	247.9	37.5	173.1	15.7

@ 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: 3460 ft. Lat: 42.250° N Lon: 101.336° W

Generated on 08/15/2016

Station: **MULLEN 21 NW, NE US GHCND:USC00255702**

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	5.5	1.9	0.1	0.1	0.22	0.33	0.61
2	0.65	6.1	2.1	0.2	0.0	0.27	0.59	0.82
3	1.79	8.7	4.8	1.0	0.1	1.00	1.64	2.35
4	2.47	10.2	5.8	1.7	0.6	1.23	2.06	3.28
5	3.22	10.7	6.7	1.9	0.7	1.81	2.93	4.06
6	3.97	10.4	6.8	2.5	1.0	2.55	4.25	5.08
7	3.39	9.3	5.6	2.0	0.9	1.74	2.81	4.67
8	2.31	7.6	4.5	1.7	0.6	1.43	1.93	2.86
9	1.72	7.1	4.1	1.0	0.3	1.11	1.72	2.19
10	1.69	7.0	3.5	1.0	0.4	0.80	1.29	2.50
11	1.03	5.6	3.0	0.7	0.3	0.37	0.70	1.79
12	0.57	5.2	2.1	-7777	0.0	0.35	0.54	0.88
Summary	23.28	93.4	50.9	13.8	5.0	12.88	20.79	31.09

@ 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: 3460 ft. Lat: 42.250° N Lon: 101.336° W

Generated on 08/15/2016

Station: **MULLEN 21 NW, NE US GHCND:USC00255702**

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	7.4	5.6	2.9	0.7	0.3	0.1	15.3	10.7	6.7	2.7	2.5	5.2	10.2
2	7.5	5.3	3.5	0.5	0.2	0.0	13.0	7.3	3.1	1.4	3.3	5.0	11.5
3	13.0	6.3	4.7	1.8	0.7	0.0	9.6	5.0	2.7	0.3	6.6	12.1	16.9
4	11.0	3.4	2.6	1.6	0.7	0.3	4.0	2.0	1.3	0.4	2.7	8.0	16.0
5	0.3	0.2	0.1	-7777	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	1.1	0.5	0.4	0.2	0.1	-7777	0.3	0.2	0.1	-7777	0.0	0.0	0.0
10	4.3	1.5	1.2	0.5	0.2	0.1	1.9	1.0	0.5	0.1	0.1	2.0	4.1
11	11.1	4.3	3.1	1.3	0.7	0.2	9.3	5.7	3.9	1.1	3.3	9.7	16.7
12	7.6	5.4	3.4	1.0	0.2	-7777	15.4	10.2	6.9	3.0	5.0	7.6	11.6
Summary	63.3	32.5	21.9	7.6	3.1	0.7	68.8	42.1	25.2	9.0	23.5	49.6	87.0

@ 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: 3460 ft. Lat: 42.250° N Lon: 101.336° W

Generated on 08/15/2016

Station: **MULLEN 21 NW, NE US GHCND:USC00255702**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	23	90	232	503	780	1020	979	647	294	81	14
45	2	6	42	142	359	630	864	824	504	184	39	3
50	-7777	1	18	77	230	482	710	669	365	99	14	-7777
55	0	-7777	5	36	129	340	555	516	241	44	3	-7777
60	0	-7777	1	13	58	212	403	365	138	14	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	18	34	90	173	314	487	651	628	413	223	84	24

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	34	124	356	859	1639	2659	3638	4285	4579	4660	4674
45	2	8	50	192	551	1181	2045	2869	3373	3557	3596	3599
50	0	1	19	96	326	808	1518	2187	2552	2651	2665	2665
55	0	0	5	41	170	510	1065	1581	1822	1866	1869	1869
60	0	0	1	14	72	284	687	1052	1190	1204	1204	1204
Growing Degree Units for Corn (Monthly)												
50/86	18	52	142	315	629	1116	1767	2395	2808	3031	3115	3139

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: 3500 ft. Lat: 41.570° N Lon: 101.691° W

Generated on 08/15/2016

Station: **ARTHUR, NE US GHCND:USC00250365**

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	37.9	12.9	25.4	5.6	4.5	4.8	0	0	0	0	0	0	918	980	1073	1228	0.0	0.0	5.9	9.7	30.5	4.4
2	41.8	16.0	28.9	6.2	5.2	5.5	-7777	-7777	0	0	0	0	731	787	871	1011	0.0	0.0	8.8	7.1	27.2	3.1
3	50.6	24.1	37.3	4.1	3.2	3.4	4	2	-7777	-7777	0	0	551	611	703	857	0.0	0.0	16.9	3.7	25.4	0.6
4	60.7	33.3	47.0	4.2	2.5	3.1	38	26	13	3	-7777	-7777	278	326	403	543	0.0	0.2	23.3	0.4	12.7	0.0
5	70.8	44.3	57.6	3.7	2.2	2.7	155	119	74	26	5	2	76	102	150	257	0.0	0.8	30.0	0.0	1.7	0.0
6	80.8	53.6	67.2	3.7	2.5	2.9	373	317	239	127	51	31	7	11	23	61	0.3	4.8	29.9	0.0	0.0	0.0
7	88.0	59.6	73.8	2.9	2.1	2.3	583	521	429	280	149	106	-7777	1	2	8	1.2	13.2	31.0	0.0	0.0	0.0
8	86.1	58.2	72.1	3.0	2.3	2.5	532	471	381	237	114	76	1	2	5	16	0.5	10.4	31.0	0.0	0.0	0.0
9	76.7	47.5	62.1	3.7	2.4	2.8	253	208	148	71	24	13	40	55	85	158	-7777	3.5	29.4	-7777	1.0	0.0
10	63.1	33.9	48.5	3.8	2.4	2.8	41	27	13	2	-7777	-7777	243	291	369	514	0.0	0.2	25.5	0.4	12.2	-7777
11	48.8	22.8	35.8	5.8	3.6	4.5	3	1	-7777	0	0	0	579	637	726	876	0.0	0.0	14.2	4.2	25.5	0.8
12	38.1	13.3	25.7	6.0	5.1	5.4	0	0	0	0	0	0	908	970	1063	1218	0.0	0.0	6.0	9.3	30.7	3.8
Summary	62.0	35.0	48.5	4.4	3.2	3.6	1982	1692	1297	746	343	228	4332	4773	5473	6747	2.0	33.1	251.9	34.8	166.9	12.7

@ 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: 3500 ft. Lat: 41.570° N Lon: 101.691° W

Generated on 08/15/2016

Station: **ARTHUR, NE US GHCND:USC00250365**

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	2.3	1.2	0.1	-7777	0.09	0.31	0.49
2	0.43	2.7	1.7	0.1	-7777	0.13	0.30	0.49
3	1.06	4.2	3.0	0.4	0.1	0.46	0.92	1.35
4	2.05	6.3	4.9	1.3	0.4	1.00	1.72	2.99
5	3.17	9.0	6.5	2.2	0.7	1.90	2.82	4.46
6	2.83	8.9	6.4	2.0	0.5	1.74	2.70	3.40
7	3.41	8.0	6.1	2.4	1.0	2.00	3.17	4.67
8	2.05	6.3	4.6	1.5	0.4	1.38	1.87	2.95
9	1.84	5.9	4.0	1.2	0.4	1.17	1.46	2.88
10	1.31	4.9	3.2	0.6	0.2	0.68	1.15	1.79
11	0.56	2.7	1.7	0.2	0.1	0.17	0.44	0.80
12	0.33	2.3	1.2	0.1	0.0	0.04	0.13	0.50
Summary	19.38	63.5	44.5	12.1	3.8	10.76	16.99	26.77

@ 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: 3500 ft. Lat: 41.570° N Lon: 101.691° W

Generated on 08/15/2016

Station: **ARTHUR, NE US GHCND:USC00250365**

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	4.3	2.3	2.1	0.5	0.2	-7777	13.0	7.8	4.8	1.0	1.0	3.8	6.0
2	5.0	2.5	2.2	0.7	0.2	0.0	8.7	4.9	2.6	0.5	1.3	4.0	6.0
3	6.2	3.2	3.0	0.7	0.2	-7777	6.0	3.3	1.5	0.1	2.0	6.0	10.0
4	4.7	1.7	1.7	0.6	0.3	0.1	2.0	1.1	0.5	0.1	1.0	3.0	8.0
5	0.2	0.1	0.1	-7777	0.0	0.0	0.1	-7777	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	0.3	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
10	1.8	0.7	0.7	0.2	0.1	0.0	1.1	0.5	0.3	0.0	0.0	0.0	2.5
11	4.2	1.7	1.7	0.6	0.1	0.0	4.8	2.6	1.1	0.3	1.0	3.0	5.0
12	4.7	2.5	2.3	0.5	0.2	0.0	11.2	6.5	3.7	0.8	2.0	4.0	7.0
Summary	31.4	14.8	13.9	3.9	1.3	0.1	47.0	26.8	14.5	2.8	8.3	23.8	44.5

@ 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: 3500 ft. Lat: 41.570° N Lon: 101.691° W

Generated on 08/15/2016

Station: **ARTHUR, NE US GHCND:USC00250365**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	22	96	257	546	816	1047	996	665	302	80	10
45	1	5	43	158	399	666	892	841	519	188	37	2
50	-7777	1	16	85	265	518	737	686	379	99	12	-7777
55	0	-7777	4	38	155	373	583	532	253	41	3	0
60	0	0	-7777	13	74	239	429	381	148	13	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	19	33	96	188	335	512	674	642	420	224	80	20

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	32	128	385	931	1747	2794	3790	4455	4757	4837	4847
45	1	6	49	207	606	1272	2164	3005	3524	3712	3749	3751
50	0	1	17	102	367	885	1622	2308	2687	2786	2798	2798
55	0	0	4	42	197	570	1153	1685	1938	1979	1982	1982
60	0	0	0	13	87	326	755	1136	1284	1297	1297	1297
Growing Degree Units for Corn (Monthly)												
50/86	19	52	148	336	671	1183	1857	2499	2919	3143	3223	3243

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: 2330 ft. Lat: 42.184° N Lon: 99.090° W

Generated on 08/15/2016

Station: **SWAN LAKE, NE US GHCND:USC00258360**

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	35.2	11.3	23.2	6.0	5.8	5.6	0	0	0	0	0	0	984	1046	1139	1294	0.0	0.0	5.4	13.1	31.0	6.0
2	37.8	14.7	26.2	6.9	5.6	6.1	-7777	-7777	-7777	0	0	0	805	861	945	1085	0.0	0.0	6.0	9.8	27.2	3.5
3	47.6	23.4	35.5	5.3	4.0	4.1	4	2	1	0	0	0	609	669	760	914	0.0	0.0	13.6	4.8	25.8	0.8
4	59.5	33.9	46.7	4.8	3.2	3.7	27	16	7	1	-7777	0	276	325	406	550	0.0	0.0	23.0	0.4	12.4	0.0
5	70.0	44.9	57.4	3.3	2.9	2.8	143	106	63	21	5	2	67	92	142	255	0.0	0.4	30.4	0.0	1.6	0.0
6	79.5	54.0	66.8	3.0	2.9	2.7	357	301	223	113	40	22	5	9	21	60	0.0	2.5	30.0	0.0	0.0	0.0
7	85.4	59.1	72.2	3.8	2.6	3.0	535	473	382	235	112	74	-7777	1	2	10	0.6	8.1	31.0	0.0	0.0	0.0
8	84.0	58.0	71.0	3.2	2.5	2.7	496	435	345	205	94	62	-7777	1	4	19	0.3	6.5	31.0	0.0	0.0	0.0
9	75.9	47.6	61.8	3.5	2.6	2.6	235	191	132	62	21	12	33	48	80	159	0.1	1.6	29.7	0.0	1.4	0.0
10	62.9	34.8	48.9	4.1	2.2	2.7	45	30	16	3	-7777	-7777	236	283	361	504	0.0	0.1	26.2	0.4	10.5	0.0
11	46.4	23.6	35.0	7.9	4.4	5.9	2	1	-7777	-7777	0	0	601	661	750	900	0.0	0.0	12.7	5.4	23.9	0.4
12	35.3	13.5	24.4	6.4	5.5	5.8	0	0	0	0	0	0	948	1010	1103	1258	0.0	0.0	4.3	11.5	30.5	4.2
Summary	60.0	34.9	47.4	4.9	3.7	4.0	1844	1555	1169	640	272	172	4564	5006	5713	7008	1.0	19.2	243.3	45.4	164.3	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: 2330 ft. Lat: 42.184° N Lon: 99.090° W

Generated on 08/15/2016

Station: **SWAN LAKE, NE US GHCND:USC00258360**

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	@	@	@	@			
2	0.58	@	@	@	@			
3	1.59	@	@	@	@			
4	2.58	@	@	@	@			
5	4.02	@	@	@	@			
6	3.98	@	@	@	@			
7	3.06	@	@	@	@			
8	2.93	@	@	@	@			
9	2.31	@	@	@	@			
10	1.85	@	@	@	@			
11	1.09	@	@	@	@			
12	0.47	@	@	@	@			
Summary	24.92	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: 2330 ft. Lat: 42.184° N Lon: 99.090° W

Generated on 08/15/2016

Station: **SWAN LAKE, NE US GHCND:USC00258360**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	18	81	245	541	802	999	961	653	307	74	5
45	1	4	38	145	393	652	844	806	506	194	31	-7777
50	0	1	15	71	256	503	690	651	364	104	9	-7777
55	0	-7777	4	27	143	357	535	496	235	45	2	0
60	0	-7777	1	7	63	223	382	345	132	16	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	18	25	74	168	325	509	654	624	418	220	64	11

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	27	108	353	894	1696	2695	3656	4309	4616	4690	4695
45	1	5	43	188	581	1233	2077	2883	3389	3583	3614	3614
50	0	1	16	87	343	846	1536	2187	2551	2655	2664	2664
55	0	0	4	31	174	531	1066	1562	1797	1842	1844	1844
60	0	0	1	8	71	294	676	1021	1153	1169	1169	1169
Growing Degree Units for Corn (Monthly)												
50/86	18	43	117	285	610	1119	1773	2397	2815	3035	3099	3110

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: 1811 ft. Lat: 42.913° N Lon: 98.851° W

Generated on 08/15/2016

Station: **BUTTE, NE US GHCND:USC00251365**

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	32.0	10.5	21.2	7.0	6.3	6.5	0	0	0	0	0	0	1046	1108	1201	1356	0.0	0.0	2.8	14.7	30.4	7.2
2	35.9	13.8	24.9	7.3	6.1	6.5	-7777	-7777	-7777	0	0	0	844	900	984	1124	0.0	0.0	5.4	10.8	26.7	4.8
3	46.7	22.7	34.7	5.3	3.8	4.2	3	1	-7777	-7777	-7777	0	632	693	785	939	0.0	0.0	13.5	5.6	25.5	1.1
4	58.8	33.4	46.1	4.9	2.9	3.6	37	27	15	5	1	1	304	353	432	572	0.0	0.2	22.2	0.7	13.3	0.0
5	69.7	45.2	57.5	3.4	3.0	3.0	152	117	74	27	7	3	76	103	153	261	0.0	0.5	30.0	0.0	1.8	0.0
6	79.5	55.6	67.5	3.3	3.1	3.0	381	325	245	132	56	36	4	8	19	55	0.1	2.4	29.9	0.0	0.0	0.0
7	85.9	61.5	73.7	3.5	2.2	2.7	580	518	425	277	149	108	-7777	-7777	1	7	0.8	9.2	31.0	0.0	0.0	0.0
8	84.1	59.5	71.8	3.0	2.5	2.6	521	460	370	228	112	76	1	2	4	18	0.2	7.0	31.0	0.0	0.0	0.0
9	75.5	48.8	62.1	3.8	2.4	2.8	248	204	146	72	27	16	34	49	81	158	-7777	2.6	29.7	0.0	1.1	0.0
10	62.0	36.4	49.2	3.9	2.4	2.7	49	34	17	4	1	-7777	229	276	352	494	0.0	0.2	26.0	0.4	9.5	0.0
11	45.4	23.4	34.4	6.8	4.1	5.3	2	1	-7777	-7777	0	0	620	679	768	918	0.0	0.0	11.8	5.5	24.4	0.8
12	32.6	12.4	22.5	7.2	6.1	6.5	0	0	0	0	0	0	1007	1069	1162	1317	0.0	0.0	3.4	13.9	30.4	5.5
Summary	59.0	35.3	47.1	5.0	3.7	4.1	1973	1687	1292	745	353	240	4797	5240	5942	7219	1.1	22.1	236.7	51.6	163.1	19.4

@ 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: 1811 ft. Lat: 42.913° N Lon: 98.851° W

Generated on 08/15/2016

Station: **BUTTE, NE US GHCND:USC00251365**

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	3.8	1.3	0.2	-7777	0.21	0.37	0.58
2	0.64	4.4	2.0	0.2	0.0	0.24	0.59	0.97
3	1.64	6.4	4.0	0.9	0.3	0.77	1.31	2.28
4	2.91	8.3	6.1	2.1	0.6	1.44	2.55	4.17
5	3.89	9.2	7.0	2.8	0.8	2.41	3.81	4.54
6	3.82	9.3	6.5	2.5	1.0	2.17	3.58	5.31
7	2.86	7.1	5.1	2.0	0.6	1.31	2.60	3.98
8	2.94	6.7	4.9	1.9	0.7	1.70	2.81	3.90
9	2.64	5.8	4.4	1.6	0.8	1.10	2.44	3.76
10	2.24	5.4	4.0	1.6	0.7	0.82	1.52	2.82
11	1.03	4.4	2.4	0.5	0.1	0.38	0.87	1.62
12	0.51	3.6	1.7	0.1	-7777	0.17	0.45	0.70
Summary	25.63	74.4	49.4	16.4	5.6	12.72	22.90	34.63

@ 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: 1811 ft. Lat: 42.913° N Lon: 98.851° W

Generated on 08/15/2016

Station: **BUTTE, NE US GHCND:USC00251365**

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	5.1	2.9	1.8	0.6	0.2	-7777	@	@	@	@	2.0	4.1	8.0
2	4.9	3.0	2.1	0.6	0.2	0.0	@	@	@	@	1.0	3.8	7.8
3	6.4	3.0	2.3	0.8	0.3	-7777	@	@	@	@	2.5	6.0	9.5
4	3.4	1.1	1.1	0.4	0.3	-7777	@	@	@	@	0.0	1.5	5.3
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	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.9	0.5	0.4	0.1	-7777	0.0	@	@	@	@	0.0	0.0	0.3
11	5.1	2.4	1.9	0.8	0.2	-7777	@	@	@	@	0.5	3.0	9.5
12	5.8	2.8	2.0	0.6	0.3	0.0	@	@	@	@	2.0	6.1	9.0
Summary	31.7	15.7	11.6	3.9	1.5	0.0	0.0	0.0	0.0	0.0	8.0	24.5	49.4

@ 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: 1811 ft. Lat: 42.913° N Lon: 98.851° W

Generated on 08/15/2016

Station: **BUTTE, NE US GHCND:USC00251365**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	14	75	235	542	826	1044	986	665	317	68	5
45	1	4	34	141	394	676	889	831	518	201	32	1
50	-7777	1	12	76	261	527	734	676	377	110	11	-7777
55	0	-7777	3	37	152	381	580	521	248	49	2	0
60	0	-7777	-7777	15	74	245	425	370	146	17	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	9	19	71	165	328	526	690	648	416	208	58	8

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	19	94	329	871	1697	2741	3727	4392	4709	4777	4782
45	1	5	39	180	574	1250	2139	2970	3488	3689	3721	3722
50	0	1	13	89	350	877	1611	2287	2664	2774	2785	2785
55	0	0	3	40	192	573	1153	1674	1922	1971	1973	1973
60	0	0	0	15	89	334	759	1129	1275	1292	1292	1292
Growing Degree Units for Corn (Monthly)												
50/86	9	28	99	264	592	1118	1808	2456	2872	3080	3138	3146

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: 2230 ft. Lat: 42.601° N Lon: 99.333° W

Generated on 08/15/2016

Station: **NEWPORT, NE US GHCND:USC00255925**

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	32.3	10.4	21.4	6.7	5.9	6.2	0	0	0	0	0	0	1043	1105	1198	1353	0.0	0.0	3.8	14.6	30.4	7.1
2	36.2	13.8	25.0	6.9	6.3	6.5	-7777	-7777	-7777	0	0	0	840	896	980	1120	0.0	0.0	5.6	10.9	27.0	4.6
3	46.1	22.6	34.4	5.1	3.7	4.2	3	2	-7777	-7777	0	0	644	704	795	950	0.0	0.0	12.8	5.7	25.9	1.0
4	57.5	33.7	45.6	5.0	2.9	3.7	37	26	15	5	1	1	318	368	447	587	0.0	0.2	20.9	1.1	12.4	0.0
5	68.5	45.6	57.1	3.8	2.7	3.0	148	114	72	26	5	2	85	112	163	273	0.0	0.4	29.1	0.0	1.5	0.0
6	78.6	55.3	67.0	3.8	2.8	3.1	366	311	233	124	51	32	7	12	25	66	0.2	3.1	29.9	0.0	0.0	0.0
7	85.5	60.8	73.2	3.6	2.3	2.8	563	501	410	264	141	102	-7777	1	3	12	1.2	9.7	31.0	0.0	0.0	0.0
8	83.8	58.6	71.2	3.4	2.4	2.8	504	443	355	217	105	72	2	3	8	24	0.5	7.4	31.0	0.0	0.0	0.0
9	74.4	48.2	61.3	3.7	2.5	2.8	235	193	137	68	25	14	46	64	98	179	-7777	2.3	29.4	0.0	1.2	0.0
10	60.8	34.6	47.7	4.0	2.6	2.9	43	29	15	3	-7777	-7777	269	317	396	540	0.0	0.2	24.1	0.4	11.3	0.0
11	44.9	22.3	33.6	6.8	4.4	5.4	3	1	-7777	-7777	0	0	645	703	792	942	0.0	0.0	11.6	6.3	25.0	1.1
12	33.3	11.8	22.6	6.9	6.1	6.4	-7777	-7777	0	0	0	0	1006	1068	1161	1316	0.0	0.0	3.7	13.5	30.5	5.5
Summary	58.5	34.8	46.7	5.0	3.7	4.2	1902	1620	1237	707	328	223	4905	5353	6066	7362	1.9	23.3	232.9	52.5	165.2	19.3

@ 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: 2230 ft. Lat: 42.601° N Lon: 99.333° W

Generated on 08/15/2016

Station: **NEWPORT, NE US GHCND:USC00255925**

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	0.54	5.1	1.4	0.2	0.1	0.31	0.45	0.60
2	0.69	5.6	2.2	0.1	0.0	0.42	0.56	0.80
3	1.52	7.3	3.8	0.9	0.2	0.87	1.15	2.25
4	2.80	10.3	6.0	1.7	0.4	1.55	2.51	3.61
5	3.95	11.7	7.1	2.7	1.1	2.90	3.85	5.14
6	3.95	11.8	6.8	2.6	1.0	2.44	3.16	5.51
7	3.24	10.2	5.7	2.2	0.9	1.80	3.08	4.38
8	2.70	8.7	4.6	1.7	0.6	1.69	2.45	3.43
9	2.66	8.1	4.5	1.8	0.9	1.43	2.21	3.56
10	2.23	7.1	4.2	1.4	0.6	0.84	1.94	3.27
11	0.99	5.6	2.5	0.6	0.1	0.36	0.98	1.45
12	0.66	5.1	2.0	0.2	0.1	0.25	0.49	0.76
Summary	25.93	96.6	50.8	16.1	6.0	14.86	22.83	34.76

@ 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: 2230 ft. Lat: 42.601° N Lon: 99.333° W

Generated on 08/15/2016

Station: **NEWPORT, NE US GHCND:USC00255925**

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	4.8	1.7	0.5	0.2	-7777	16.3	10.7	7.6	3.4	2.8	4.4	7.9
2	6.6	4.5	2.2	0.8	0.2	0.0	12.7	9.4	6.0	1.9	2.6	5.3	8.3
3	8.2	4.4	2.4	1.1	0.4	-7777	7.9	4.6	2.5	0.8	3.8	6.4	10.0
4	5.8	2.1	1.4	0.8	0.5	0.1	2.7	1.5	0.8	0.1	0.2	4.0	9.8
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	0.1	0.1	-7777	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
10	1.9	1.0	0.7	0.3	-7777	0.0	0.8	0.4	0.1	0.0	0.0	0.0	2.0
11	5.9	3.4	1.9	0.6	0.2	0.0	7.1	4.1	2.0	0.7	2.0	4.2	7.6
12	6.9	4.6	2.3	0.7	0.3	0.0	16.0	10.8	6.1	2.7	2.9	5.4	9.8
Summary	41.5	24.9	12.7	4.8	1.8	0.1	63.6	41.5	25.1	9.6	14.3	29.7	55.4

@ 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: 2230 ft. Lat: 42.601° N Lon: 99.333° W

Generated on 08/15/2016

Station: **NEWPORT, NE US GHCND:USC00255925**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	17	75	231	531	809	1027	967	640	285	67	7
45	1	5	34	142	385	659	872	812	496	178	32	1
50	-7777	1	13	77	255	510	718	657	358	97	12	-7777
55	0	-7777	3	37	148	366	563	504	235	43	3	-7777
60	0	-7777	-7777	15	72	233	410	355	137	15	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	11	22	69	154	310	507	671	627	397	194	59	11

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	24	99	330	861	1670	2697	3664	4304	4589	4656	4663
45	1	6	40	182	567	1226	2098	2910	3406	3584	3616	3617
50	0	1	14	91	346	856	1574	2231	2589	2686	2698	2698
55	0	0	3	40	188	554	1117	1621	1856	1899	1902	1902
60	0	0	0	15	87	320	730	1085	1222	1237	1237	1237
Growing Degree Units for Corn (Monthly)												
50/86	11	33	102	256	566	1073	1744	2371	2768	2962	3021	3032

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: 1530 ft. Lat: 42.810° N Lon: 98.656° W

Generated on 08/15/2016

Station: **SPENCER 5 SSE, NE US GHCND:USC00258040**

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	0.32	2.7	1.2	0.1	0.0	0.13	0.25	0.42
2	0.43	3.5	1.5	0.1	0.0	0.19	0.34	0.59
3	1.29	5.2	3.4	0.6	0.2	0.62	0.97	1.47
4	2.70	7.7	5.4	1.8	0.4	1.31	2.07	3.86
5	3.56	8.9	6.9	2.6	1.2	2.35	3.33	4.78
6	3.01	8.7	6.2	2.1	0.8	1.87	2.83	4.23
7	2.60	7.3	5.5	1.9	0.7	1.59	2.23	3.63
8	2.66	6.8	5.0	1.6	0.7	1.25	2.78	3.21
9	2.44	6.2	4.2	1.5	0.7	1.11	1.93	3.22
10	2.00	5.6	3.8	1.4	0.6	0.68	1.59	3.15
11	0.87	4.2	2.1	0.5	0.1	0.22	0.62	1.13
12	0.50	3.6	1.5	0.1	-7777	0.11	0.38	0.60
Summary	22.38	70.4	46.7	14.3	5.4	11.43	19.32	30.29

@ 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: 1530 ft. Lat: 42.810° N Lon: 98.656° W

Generated on 08/15/2016

Station: **SPENCER 5 SSE, NE US GHCND:USC00258040**

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	4.3	2.4	1.7	0.6	0.3	-7777	14.4	9.2	5.3	0.9	1.1	3.5	6.5
2	5.6	2.6	2.0	0.6	0.2	-7777	10.1	6.4	4.9	1.9	1.6	4.3	7.0
3	7.3	2.8	2.4	0.9	0.4	-7777	6.7	3.8	2.2	0.6	2.0	5.5	9.0
4	3.1	1.1	0.9	0.5	0.3	0.0	1.7	0.9	0.4	0.1	0.0	0.0	3.7
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	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.9	0.5	0.4	0.2	-7777	0.0	0.6	0.2	-7777	0.0	0.0	0.0	0.0
11	4.7	2.5	1.5	0.6	0.3	-7777	5.9	3.4	2.1	0.4	0.5	3.0	9.0
12	5.5	3.0	2.5	0.9	0.3	0.0	13.2	8.4	4.3	1.5	1.3	4.4	11.5
Summary	31.4	14.9	11.4	4.3	1.8	0.0	52.6	32.3	19.2	5.4	6.5	20.7	46.7

@ 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: 2496 ft. Lat: 42.822° N Lon: 99.747° W

Generated on 08/15/2016

Station: **SPRINGVIEW, NE US GHCND:USC00258090**

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	34.7	12.5	23.6	6.5	6.2	6.2	0	0	0	0	0	0	973	1035	1128	1283	0.0	0.0	4.8	12.3	29.7	5.8
2	38.2	15.9	27.0	6.9	6.2	6.4	-7777	-7777	-7777	0	0	0	783	838	922	1062	0.0	0.0	7.0	9.8	26.0	3.7
3	48.2	23.8	36.0	5.8	4.1	4.7	6	4	1	-7777	-7777	0	596	655	745	899	0.0	0.0	14.3	4.8	24.6	0.9
4	59.4	33.4	46.4	4.8	3.2	3.7	40	28	16	5	1	-7777	298	346	424	563	0.0	0.3	22.2	0.7	13.2	0.0
5	70.2	44.9	57.5	3.8	2.5	2.9	154	118	75	28	7	3	75	101	151	259	-7777	0.7	29.8	0.0	1.6	0.0
6	79.8	54.8	67.3	4.0	3.1	3.4	376	321	243	133	57	37	7	12	24	64	0.3	4.2	30.0	0.0	0.0	0.0
7	87.0	60.5	73.7	4.0	2.8	3.2	581	519	428	282	155	114	-7777	1	2	11	2.1	11.6	31.0	0.0	0.0	0.0
8	85.5	58.4	72.0	3.3	2.7	2.9	527	466	376	236	117	81	2	3	6	21	0.8	9.2	31.0	0.0	0.0	0.0
9	76.4	48.0	62.2	3.9	3.2	3.1	256	211	153	79	30	18	40	55	87	163	0.0	4.2	29.5	-7777	1.2	0.0
10	62.2	36.2	49.2	3.9	2.5	2.9	54	37	20	5	1	-7777	234	279	354	495	0.0	0.4	25.1	0.3	9.2	0.0
11	46.8	24.2	35.5	6.7	4.4	5.3	5	2	1	-7777	0	0	590	647	736	885	0.0	0.0	12.9	5.4	22.6	0.9
12	35.2	13.8	24.5	7.0	6.0	6.3	-7777	-7777	0	0	0	0	945	1007	1100	1255	0.0	0.0	5.0	11.7	30.0	5.0
Summary	60.3	35.5	47.9	5.1	3.9	4.3	1999	1706	1313	768	368	253	4543	4979	5679	6960	3.2	30.6	242.6	45.0	158.1	16.3

@ 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: 2496 ft. Lat: 42.822° N Lon: 99.747° W

Generated on 08/15/2016

Station: **SPRINGVIEW, NE US GHCND:USC00258090**

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	0.26	2.1	0.8	0.1	0.0	0.10	0.21	0.39
2	0.51	2.5	1.2	0.1	0.0	0.28	0.47	0.64
3	1.12	4.3	2.5	0.9	0.2	0.52	0.86	1.65
4	2.33	7.1	5.0	1.2	0.1	1.14	2.36	3.23
5	3.78	8.9	6.6	2.8	1.0	2.08	3.42	5.15
6	4.43	9.3	7.4	2.6	1.1	3.20	4.24	5.67
7	2.91	7.1	5.1	2.2	0.8	1.76	2.61	3.94
8	2.68	6.1	4.8	1.5	0.8	1.67	2.09	3.78
9	2.89	6.4	4.6	1.8	0.8	1.63	2.33	3.72
10	1.69	4.8	3.6	0.9	0.3	0.70	1.37	2.22
11	0.65	3.3	1.8	0.4	0.1	0.18	0.61	0.84
12	0.32	2.0	1.0	0.1	-7777	0.11	0.20	0.46
Summary	23.57	63.9	44.4	14.6	5.2	13.37	20.77	31.69

@ 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: 2496 ft. Lat: 42.822° N Lon: 99.747° W

Generated on 08/15/2016

Station: **SPRINGVIEW, NE US GHCND:USC00258090**

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	5.2	2.2	1.7	0.5	0.2	0.1	@	@	@	@	1.8	4.0	6.8
2	6.4	2.7	2.2	0.6	0.3	0.1	@	@	@	@	1.8	4.5	8.0
3	7.0	2.3	1.7	1.0	0.5	0.0	@	@	@	@	1.0	6.3	10.6
4	6.0	1.4	1.3	0.7	0.4	0.1	@	@	@	@	0.0	2.0	8.5
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	0.1	0.1	0.1	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	1.1	0.5	0.5	0.2	-7777	0.0	@	@	@	@	0.0	0.0	0.0
11	4.6	2.3	1.5	0.7	0.2	-7777	@	@	@	@	1.3	4.3	7.5
12	5.3	2.4	1.8	0.9	0.2	-7777	@	@	@	@	2.0	4.0	4.5
Summary	35.7	13.9	10.8	4.6	1.8	0.3	0.0	0.0	0.0	0.0	7.9	25.1	45.9

@ 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: 2496 ft. Lat: 42.822° N Lon: 99.747° W

Generated on 08/15/2016

Station: **SPRINGVIEW, NE US GHCND:USC00258090**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	26	97	245	545	819	1046	990	667	320	89	13
45	3	9	47	150	398	669	891	835	521	207	46	3
50	-7777	2	19	82	264	520	736	680	382	116	18	-7777
55	0	-7777	6	40	154	376	581	527	256	54	5	-7777
60	0	-7777	1	16	75	243	428	376	153	20	1	0
Growing Degree Units for Corn (Monthly)												
50/86	15	28	85	173	329	513	676	639	416	212	71	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	38	135	380	925	1744	2790	3780	4447	4767	4856	4869
45	3	12	59	209	607	1276	2167	3002	3523	3730	3776	3779
50	0	2	21	103	367	887	1623	2303	2685	2801	2819	2819
55	0	0	6	46	200	576	1157	1684	1940	1994	1999	1999
60	0	0	1	17	92	335	763	1139	1292	1312	1313	1313
Growing Degree Units for Corn (Monthly)												
50/86	15	43	128	301	630	1143	1819	2458	2874	3086	3157	3173

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: 2129 ft. Lat: 42.203° N Lon: 98.747° W

Generated on 08/15/2016

Station: **CHAMBERS, NE US GHCND:USC00251590**

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	34.1	12.0	23.1	6.7	5.8	6.1	0	0	0	0	0	0	990	1052	1145	1300	0.0	0.0	4.7	13.3	30.3	6.3
2	37.7	15.0	26.3	7.1	6.1	6.4	-7777	-7777	-7777	-7777	0	0	802	858	942	1082	0.0	0.0	6.3	9.8	26.9	3.8
3	47.7	24.5	36.1	5.5	3.6	4.3	6	4	2	-7777	-7777	-7777	592	652	742	896	0.0	0.0	14.4	4.4	23.8	0.6
4	59.5	35.9	47.7	4.9	3.2	3.7	47	34	20	6	2	1	266	313	389	526	0.0	0.2	22.4	0.6	9.9	0.0
5	69.9	46.8	58.3	3.5	2.8	2.9	169	131	83	32	8	4	65	89	135	238	0.0	0.6	29.8	0.0	0.9	0.0
6	79.7	57.0	68.3	3.5	3.0	3.0	405	348	266	148	63	40	4	7	16	47	0.1	3.4	30.0	0.0	0.0	0.0
7	85.4	62.0	73.7	3.4	2.1	2.6	580	518	425	277	149	108	-7777	-7777	1	7	0.7	9.1	31.0	0.0	0.0	0.0
8	83.5	60.3	71.9	3.6	2.4	2.8	525	464	373	230	113	78	1	2	5	16	0.4	6.1	31.0	0.0	0.0	0.0
9	75.2	49.8	62.5	3.8	2.5	2.7	259	212	152	74	27	16	34	48	77	149	0.0	2.1	29.6	0.0	0.6	0.0
10	62.3	36.7	49.5	4.1	2.6	3.0	54	37	20	5	1	-7777	225	270	345	486	0.0	0.3	25.3	0.3	8.8	0.0
11	46.9	24.5	35.7	6.6	4.1	5.1	5	3	1	-7777	0	0	584	642	730	879	0.0	0.0	13.0	5.1	23.4	0.7
12	34.9	13.7	24.3	7.0	6.1	6.4	0	0	0	0	0	0	951	1013	1106	1261	0.0	0.0	4.7	12.4	30.5	4.2
Summary	59.7	36.5	48.1	5.0	3.7	4.1	2050	1751	1342	772	363	247	4514	4946	5633	6887	1.2	21.8	242.2	45.9	155.1	15.6

@ 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: 2129 ft. Lat: 42.203° N Lon: 98.747° W

Generated on 08/15/2016

Station: **CHAMBERS, NE US GHCND:USC00251590**

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	0.48	2.8	1.4	0.3	0.0	0.13	0.36	0.70
2	0.66	3.0	1.8	0.4	-7777	0.34	0.52	0.74
3	1.56	5.0	3.9	1.3	0.3	0.91	1.18	2.17
4	2.87	8.4	5.8	1.9	0.7	1.66	2.58	3.46
5	3.91	9.1	7.0	2.6	1.1	2.89	3.86	4.66
6	3.85	9.5	6.9	2.6	0.9	2.93	3.45	4.70
7	3.10	7.7	5.4	2.2	0.9	1.81	3.00	4.15
8	3.02	6.8	4.7	2.0	0.7	1.42	2.65	4.57
9	2.51	6.2	4.2	1.6	0.7	1.22	2.31	3.20
10	2.47	6.1	4.3	1.8	0.7	0.91	2.23	3.50
11	1.24	3.6	2.5	0.7	0.2	0.43	1.11	2.10
12	0.83	3.8	2.3	0.3	0.1	0.41	0.60	1.00
Summary	26.50	72.0	50.2	17.7	6.3	15.06	23.85	34.95

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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: 2129 ft. Lat: 42.203° N Lon: 98.747° W

Generated on 08/15/2016

Station: **CHAMBERS, NE US GHCND:USC00251590**

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	4.6	2.5	1.6	0.7	0.4	0.1	@	@	@	@	1.0	3.7	7.3
2	5.9	2.5	1.8	0.8	0.4	-7777	@	@	@	@	3.0	5.0	8.5
3	7.7	2.1	1.7	1.1	0.5	0.1	@	@	@	@	2.2	5.0	8.3
4	4.5	1.3	1.2	0.5	0.3	0.1	@	@	@	@	0.0	1.3	6.5
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	0.2	0.1	0.1	-7777	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	1.5	0.6	0.5	0.2	0.1	-7777	@	@	@	@	0.0	0.0	1.0
11	4.1	2.0	1.7	0.6	0.3	-7777	@	@	@	@	1.2	2.9	6.0
12	7.8	3.0	2.4	0.9	0.4	-7777	@	@	@	@	3.6	7.7	10.0
Summary	36.3	14.1	11.0	4.8	2.4	0.3	0.0	0.0	0.0	0.0	11.0	25.6	47.6

@ 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: 2129 ft. Lat: 42.203° N Lon: 98.747° W

Generated on 08/15/2016

Station: **CHAMBERS, NE US GHCND:USC00251590**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	19	91	272	570	850	1045	989	675	326	84	8
45	2	5	43	170	420	700	889	834	529	209	43	1
50	-7777	1	17	94	283	551	735	679	388	118	17	-7777
55	0	-7777	6	47	169	405	580	525	259	54	5	0
60	0	-7777	2	20	83	266	425	373	152	20	1	0
Growing Degree Units for Corn (Monthly)												
50/86	15	25	78	174	334	542	691	649	419	212	68	13

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	28	119	391	961	1811	2856	3845	4520	4846	4930	4938
45	2	7	50	220	640	1340	2229	3063	3592	3801	3844	3845
50	0	1	18	112	395	946	1681	2360	2748	2866	2883	2883
55	0	0	6	53	222	627	1207	1732	1991	2045	2050	2050
60	0	0	2	22	105	371	796	1169	1321	1341	1342	1342
Growing Degree Units for Corn (Monthly)												
50/86	15	40	118	292	626	1168	1859	2508	2927	3139	3207	3220

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: 3850 ft. Lat: 42.054° N Lon: 101.756° W

Generated on 08/15/2016

Station: **HYANNIS 5 N, NE US GHCND:USC00254101**

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	37.5	12.1	24.8				0	0	0	0	0	0	936	998	1091	1246	0.0	0.0	5.6	9.9	31.0	4.2
2	40.2	14.7	27.5				0	0	0	0	0	0	771	827	911	1051	0.0	0.0	6.1	7.9	27.5	2.5
3	48.8	23.1	36.0				2	1	-7777	0	0	0	592	653	745	900	0.0	0.0	15.6	3.8	26.8	0.8
4	58.8	31.4	45.1				18	10	4	-7777	-7777	-7777	315	367	450	597	0.0	0.0	22.5	0.7	15.8	0.0
5	69.1	42.3	55.7				119	88	52	16	3	2	97	128	185	304	0.0	0.8	30.0	0.0	3.1	0.0
6	78.7	51.7	65.2				316	263	188	90	33	19	10	17	32	84	0.2	2.8	29.8	0.0	0.0	0.0
7	86.4	57.6	72.0				527	466	374	229	105	67	-7777	1	2	12	0.7	9.3	31.0	0.0	0.0	0.0
8	85.1	55.6	70.4				477	417	328	190	82	52	2	3	8	24	0.6	8.1	31.0	0.0	0.0	0.0
9	75.6	44.5	60.1				201	160	107	43	10	4	50	68	105	191	0.0	2.2	29.5	0.0	1.8	0.0
10	62.7	32.3	47.5				36	23	11	3	1	-7777	268	318	399	546	0.0	0.2	26.1	0.5	13.8	0.2
11	47.9	21.1	34.5				1	1	-7777	0	0	0	616	676	765	915	0.0	0.0	14.0	5.1	25.9	1.1
12	36.7	12.5	24.6				0	0	0	0	0	0	942	1004	1097	1252	0.0	0.0	3.6	10.2	30.7	3.6
Summary	60.6	33.2	47.0				1697	1429	1064	571	234	144	4599	5060	5790	7122	1.5	23.4	244.8	38.1	176.4	12.4

@ 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: 3850 ft. Lat: 42.054° N Lon: 101.756° W

Generated on 08/15/2016

Station: **HYANNIS 5 N, NE US GHCND:USC00254101**

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	0.43	@	@	@	@			
3	1.03	@	@	@	@			
4	2.34	@	@	@	@			
5	2.98	@	@	@	@			
6	3.61	@	@	@	@			
7	2.84	@	@	@	@			
8	1.97	@	@	@	@			
9	1.69	@	@	@	@			
10	1.38	@	@	@	@			
11	0.51	@	@	@	@			
12	0.46	@	@	@	@			
Summary	19.58	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: 3850 ft. Lat: 42.054° N Lon: 101.756° W

Generated on 08/15/2016

Station: **HYANNIS 5 N, NE US GHCND:USC00254101**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	11	76	207	489	756	991	940	603	278	70	5
45	-7777	3	31	115	344	607	837	785	458	169	29	1
50	0	-7777	10	53	218	459	682	631	322	86	7	-7777
55	0	0	2	18	119	316	527	477	201	36	1	0
60	0	0	-7777	4	52	188	374	328	107	11	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	13	22	79	161	304	470	637	599	391	218	79	11

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	15	91	298	787	1543	2534	3474	4077	4355	4425	4430
45	0	3	34	149	493	1100	1937	2722	3180	3349	3378	3379
50	0	0	10	63	281	740	1422	2053	2375	2461	2468	2468
55	0	0	2	20	139	455	982	1459	1660	1696	1697	1697
60	0	0	0	4	56	244	618	946	1053	1064	1064	1064
Growing Degree Units for Corn (Monthly)												
50/86	13	35	114	275	579	1049	1686	2285	2676	2894	2973	2984

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: 3235 ft. Lat: 42.919° N Lon: 101.709° W

Generated on 08/15/2016

Station: **MERRIMAN, NE US GHCND:USC00255470**

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	36.2	14.3	25.3	5.9	5.3	5.4	0	0	0	0	0	0	922	984	1077	1232	0.0	0.0	4.7	10.5	29.3	4.7
2	39.9	16.8	28.4	6.4	5.9	6.1	-7777	-7777	0	0	0	0	746	802	886	1026	0.0	0.0	7.6	8.2	25.6	3.5
3	48.9	24.8	36.8	5.1	3.9	4.3	6	3	1	-7777	0	0	569	628	719	873	0.0	0.0	15.4	4.3	24.1	1.1
4	59.6	34.1	46.8	4.5	2.7	3.4	43	30	17	5	1	1	287	335	411	549	0.0	0.3	22.4	0.9	11.9	0.0
5	70.3	44.6	57.5	4.4	2.8	3.3	161	126	82	32	9	4	86	112	161	266	-7777	1.4	29.6	0.0	1.9	0.0
6	80.4	54.0	67.2	4.2	3.0	3.4	375	320	243	135	59	40	9	14	27	69	0.6	5.7	29.9	0.0	0.0	0.0
7	88.3	60.1	74.2	3.7	2.5	3.0	595	534	442	295	167	124	-7777	1	3	10	2.7	13.8	31.0	0.0	0.0	0.0
8	87.0	58.2	72.6	3.2	2.5	2.8	547	486	397	255	134	95	1	3	6	20	1.4	12.4	31.0	0.0	0.0	0.0
9	77.6	47.6	62.6	4.0	2.9	3.1	268	223	163	85	35	23	40	55	85	157	0.3	5.3	29.3	0.0	1.3	0.0
10	63.2	35.5	49.3	3.9	2.3	2.8	58	41	22	6	1	-7777	233	278	352	491	0.0	0.6	25.3	0.6	9.9	-7777
11	47.6	23.8	35.7	6.5	4.7	5.5	5	3	1	-7777	0	0	583	642	730	879	0.0	0.0	13.2	4.5	22.8	0.8
12	36.7	14.7	25.7	6.4	5.9	6.0	-7777	-7777	0	0	0	0	908	970	1063	1218	0.0	0.0	5.8	10.4	29.4	4.6
Summary	61.3	35.7	48.5	4.9	3.7	4.1	2058	1766	1368	813	406	287	4384	4824	5520	6790	5.0	39.5	245.2	39.4	156.2	14.7

@ 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: 3235 ft. Lat: 42.919° N Lon: 101.709° W

Generated on 08/15/2016

Station: **MERRIMAN, NE US GHCND:USC00255470**

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	0.32	3.1	1.0	-7777	0.0	0.09	0.23	0.57
2	0.51	4.1	1.6	0.1	0.0	0.22	0.41	0.74
3	0.96	5.8	2.9	0.4	-7777	0.56	0.94	1.24
4	1.87	7.7	4.7	1.0	0.2	1.04	1.55	2.46
5	2.79	9.6	6.2	1.9	0.7	1.53	2.42	3.94
6	3.58	9.8	6.3	2.7	0.8	1.98	3.67	4.83
7	2.90	8.5	5.5	2.1	0.6	1.38	2.79	3.79
8	2.12	6.7	4.3	1.1	0.4	1.41	2.15	2.72
9	1.61	6.2	3.6	1.0	0.2	0.75	1.45	2.25
10	1.37	5.8	3.3	1.0	0.2	0.46	1.21	2.13
11	0.67	4.0	2.0	0.3	-7777	0.15	0.52	1.00
12	0.41	3.5	1.3	0.1	0.0	0.17	0.29	0.54
Summary	19.11	74.8	42.7	11.7	3.1	9.74	17.63	26.21

@ 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: 3235 ft. Lat: 42.919° N Lon: 101.709° W

Generated on 08/15/2016

Station: **MERRIMAN, NE US GHCND:USC00255470**

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	3.7	2.9	1.5	0.4	0.1	0.0	11.8	6.8	3.8	1.1	1.2	2.0	6.0
2	4.3	3.6	2.0	0.4	0.1	0.0	10.1	4.6	2.1	0.3	1.5	3.7	6.0
3	6.6	3.8	2.2	0.8	0.3	-7777	6.5	3.7	2.1	0.4	3.3	5.3	8.5
4	4.8	2.3	1.5	0.7	0.3	0.0	2.1	1.1	0.6	0.1	0.6	3.5	7.0
5	0.5	0.2	0.1	0.1	-7777	0.0	0.1	0.1	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	0.3	0.2	0.1	-7777	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
10	2.2	1.2	0.8	0.3	0.1	0.0	1.2	0.6	0.1	0.0	0.0	0.6	3.0
11	6.3	3.3	2.1	0.8	0.3	-7777	6.8	4.2	2.3	0.5	1.5	3.5	10.2
12	4.5	3.3	2.0	0.3	0.2	0.0	13.0	6.2	3.4	1.8	2.0	3.2	6.0
Summary	33.2	20.8	12.3	3.8	1.4	0.0	51.7	27.3	14.4	4.2	10.1	21.8	46.7

@ 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: 3235 ft. Lat: 42.919° N Lon: 101.709° W

Generated on 08/15/2016

Station: **MERRIMAN, NE US GHCND:USC00255470**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	28	101	259	543	816	1060	1010	680	328	88	17
45	3	8	48	161	399	666	905	855	535	213	44	4
50	-7777	1	19	89	268	518	750	701	395	121	17	1
55	0	-7777	6	43	161	375	595	547	268	58	5	-7777
60	0	0	1	17	82	243	442	397	163	22	1	0
Growing Degree Units for Corn (Monthly)												
50/86	14	28	88	177	331	508	677	645	425	227	74	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	41	142	401	944	1760	2820	3830	4510	4838	4926	4943
45	3	11	59	220	619	1285	2190	3045	3580	3793	3837	3841
50	0	1	20	109	377	895	1645	2346	2741	2862	2879	2880
55	0	0	6	49	210	585	1180	1727	1995	2053	2058	2058
60	0	0	1	18	100	343	785	1182	1345	1367	1368	1368
Growing Degree Units for Corn (Monthly)												
50/86	14	42	130	307	638	1146	1823	2468	2893	3120	3194	3212

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: 2930 ft. Lat: 42.571° N Lon: 100.693° W

Generated on 08/15/2016

Station: **VALENTINE NWR, NE US GHCND:USC00258755**

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	38.7	16.0	27.3	6.4	5.4	5.7	-7777	-7777	0	0	0	0	857	919	1012	1167	0.0	0.0	6.7	9.0	28.1	4.0
2	41.9	18.5	30.2	6.4	5.4	5.8	-7777	-7777	0	0	0	0	695	750	834	974	0.0	0.0	8.7	6.8	25.0	2.7
3	51.0	26.2	38.6	5.7	4.0	4.6	7	4	1	-7777	0	0	516	574	665	819	0.0	0.0	17.3	3.4	21.9	0.7
4	61.3	35.8	48.6	4.8	2.6	3.5	52	38	22	7	1	1	246	291	366	501	-7777	0.3	24.2	0.5	10.2	0.0
5	71.8	46.9	59.3	3.5	2.2	2.6	191	150	99	41	12	6	56	77	119	216	0.0	1.0	30.4	0.0	0.9	0.0
6	81.2	56.0	68.6	3.6	2.9	3.1	413	356	274	154	68	45	5	8	16	46	0.4	4.5	30.0	0.0	0.0	0.0
7	87.7	61.7	74.7	3.4	2.3	2.7	610	549	457	308	175	130	-7777	-7777	1	7	1.6	13.0	31.0	0.0	0.0	0.0
8	86.6	60.4	73.5	3.4	2.4	2.8	574	512	421	274	145	104	1	1	2	10	0.7	10.2	31.0	0.0	0.0	0.0
9	77.6	50.1	63.9	3.3	2.3	2.5	293	244	179	92	35	21	27	39	64	127	0.1	3.4	29.5	0.0	0.7	0.0
10	64.4	38.4	51.4	4.0	2.4	2.9	74	52	29	9	2	1	186	226	296	430	0.0	0.3	26.8	0.2	6.9	0.0
11	49.2	26.2	37.7	7.0	4.6	5.7	9	6	2	-7777	-7777	0	528	585	671	819	0.0	0.0	14.3	4.1	20.6	0.7
12	38.4	16.8	27.6	6.9	5.7	6.1	-7777	-7777	0	0	0	0	849	911	1004	1159	0.0	0.0	6.2	9.2	28.1	3.7
Summary	62.5	37.8	50.1	4.9	3.5	4.0	2223	1911	1484	885	438	308	3966	4381	5050	6275	2.8	32.7	256.1	33.2	142.4	11.8

@ 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: 2930 ft. Lat: 42.571° N Lon: 100.693° W

Generated on 08/15/2016

Station: **VALENTINE NWR, NE US GHCND:USC00258755**

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	3.5	1.1	0.1	-7777	0.15	0.30	0.52
2	0.52	4.9	1.9	0.2	-7777	0.20	0.46	0.73
3	1.19	6.8	3.0	0.6	-7777	0.67	1.01	1.49
4	2.57	9.1	5.3	1.7	0.5	1.40	2.66	3.17
5	3.58	10.8	6.8	2.4	0.8	2.15	3.15	5.04
6	3.52	10.3	6.5	2.4	1.2	2.17	3.68	4.59
7	3.58	9.1	6.2	2.6	1.2	1.69	3.02	4.89
8	2.77	7.4	4.4	1.9	0.7	1.96	2.76	3.36
9	1.96	7.0	4.2	1.3	0.3	1.03	1.81	2.55
10	1.49	6.1	3.2	0.6	0.3	0.69	0.98	2.30
11	1.05	4.3	2.2	0.5	0.2	0.26	0.88	1.52
12	0.45	3.9	1.6	0.1	-7777	0.20	0.29	0.64
Summary	23.06	83.2	46.4	14.4	5.2	12.57	21.00	30.80

@ 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: 2930 ft. Lat: 42.571° N Lon: 100.693° W

Generated on 08/15/2016

Station: VALENTINE NWR, NE US GHCND:USC00258755

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	4.8	2.9	1.8	0.6	0.2	-7777	@	@	@	@	0.6	2.6	8.1
2	6.5	3.6	2.3	0.8	0.1	-7777	@	@	@	@	4.0	5.9	7.8
3	7.7	3.3	2.3	0.9	0.4	-7777	@	@	@	@	5.0	7.3	8.5
4	6.9	1.8	1.2	0.7	0.5	0.1	@	@	@	@	0.0	4.0	12.4
5	-7777	-7777	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	0.9	0.2	0.2	0.1	-7777	-7777	@	@	@	@	0.0	0.0	0.0
10	1.3	0.6	0.4	0.2	-7777	-7777	@	@	@	@	0.0	0.0	2.0
11	6.9	1.8	1.5	0.8	0.5	0.1	@	@	@	@	1.2	5.8	10.0
12	7.5	3.2	2.2	0.7	0.2	-7777	@	@	@	@	3.5	5.3	8.5
Summary	42.5	17.4	11.9	4.8	1.9	0.2	0.0	0.0	0.0	0.0	14.3	30.9	57.3

@ 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: 2930 ft. Lat: 42.571° N Lon: 100.693° W

Generated on 08/15/2016

Station: VALENTINE NWR, NE US GHCND:USC00258755

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	23	36	123	296	600	858	1075	1038	716	378	116	23
45	5	12	61	187	450	708	920	883	570	253	63	7
50	1	3	24	106	310	559	765	728	427	150	29	2
55	-7777	-7777	7	52	191	413	610	574	293	74	9	-7777
60	0	0	1	22	99	274	457	421	179	29	2	0
Growing Degree Units for Corn (Monthly)												
50/86	21	34	102	196	364	548	702	680	449	243	85	21

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	23	59	182	478	1078	1936	3011	4049	4765	5143	5259	5282
45	5	17	78	265	715	1423	2343	3226	3796	4049	4112	4119
50	1	4	28	134	444	1003	1768	2496	2923	3073	3102	3104
55	0	0	7	59	250	663	1273	1847	2140	2214	2223	2223
60	0	0	1	23	122	396	853	1274	1453	1482	1484	1484
Growing Degree Units for Corn (Monthly)												
50/86	21	55	157	353	717	1265	1967	2647	3096	3339	3424	3445

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: 2589 ft. Lat: 42.875° N Lon: 100.552° W

Generated on 08/15/2016

Station: **VALENTINE NUMBER 1, NE US GHCND:USC00258751**

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	36.8	11.0	23.9	5.5	5.9	5.4	0	0	0	0	0	0	964	1026	1119	1274	0.0	0.0	5.0	10.2	30.5	6.3
2	39.7	15.5	27.6	6.3	4.8	5.4	-7777	0	0	0	0	0	767	823	907	1047	0.0	0.0	6.6	8.0	26.6	2.7
3	49.4	24.6	37.0	6.1	4.2	4.8	7	4	1	-7777	0	0	565	624	714	868	0.0	0.0	15.2	4.2	24.0	0.8
4	60.5	34.6	47.6	4.6	2.8	3.1	37	24	11	2	-7777	-7777	260	307	384	525	0.0	0.0	23.5	0.5	11.8	0.0
5	71.5	45.8	58.7	3.3	2.1	2.5	175	138	92	39	12	7	62	87	134	235	0.0	1.3	30.2	0.0	1.5	0.0
6	82.3	55.1	68.7	3.6	2.9	2.9	415	358	277	160	72	48	4	7	16	49	0.8	7.0	30.0	0.0	0.0	0.0
7	89.2	61.3	75.2	3.5	2.1	2.7	627	565	473	323	184	134	0	-7777	-7777	5	2.0	14.0	31.0	0.0	0.0	0.0
8	86.8	59.0	72.9	3.4	3.0	3.0	555	493	402	259	136	96	-7777	1	3	14	1.4	11.7	31.0	0.0	0.0	0.0
9	77.3	49.2	63.3	4.1	3.0	3.1	275	228	165	86	37	23	28	41	67	139	0.0	3.8	29.9	0.0	0.5	0.0
10	62.8	33.8	48.3	4.1	3.6	3.1	42	29	14	3	1	-7777	250	298	377	521	0.0	0.3	26.0	0.4	11.8	0.0
11	47.2	22.9	35.0	6.9	3.7	5.1	1	1	-7777	-7777	0	0	600	659	749	899	0.0	0.0	13.3	4.6	25.5	0.6
12	36.2	12.5	24.4	5.8	5.5	5.5	-7777	-7777	0	0	0	0	950	1012	1105	1260	0.0	0.0	3.7	10.1	30.7	4.9
Summary	61.6	35.4	48.6	4.8	3.6	3.9	2134	1840	1435	872	442	308	4450	4885	5575	6836	4.2	38.1	245.4	38.0	162.9	15.3

@ 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: 2589 ft. Lat: 42.875° N Lon: 100.552° W

Generated on 08/15/2016

Station: **VALENTINE NUMBER 1, NE US GHCND:USC00258751**

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	0.29	@	@	@	@			
2	0.49	@	@	@	@			
3	1.26	@	@	@	@			
4	2.26	@	@	@	@			
5	3.40	@	@	@	@			
6	3.45	@	@	@	@			
7	3.01	@	@	@	@			
8	2.32	@	@	@	@			
9	1.76	@	@	@	@			
10	1.45	@	@	@	@			
11	0.73	@	@	@	@			
12	0.54	@	@	@	@			
Summary	20.96	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: 2589 ft. Lat: 42.875° N Lon: 100.552° W

Generated on 08/15/2016

Station: VALENTINE NUMBER 1, NE US GHCND:USC00258751

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	20	94	267	578	861	1092	1019	698	294	68	5
45	1	5	46	164	429	711	937	865	550	180	28	1
50	-7777	1	20	85	291	562	782	710	407	96	8	1
55	0	-7777	7	37	175	415	627	555	275	42	1	-7777
60	0	0	1	11	92	277	473	402	165	14	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	14	28	86	182	353	546	709	657	440	218	70	10

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	25	119	386	964	1825	2917	3936	4634	4928	4996	5001
45	1	6	52	216	645	1356	2293	3158	3708	3888	3916	3917
50	0	1	21	106	397	959	1741	2451	2858	2954	2962	2963
55	0	0	7	44	219	634	1261	1816	2091	2133	2134	2134
60	0	0	1	12	104	381	854	1256	1421	1435	1435	1435
Growing Degree Units for Corn (Monthly)												
50/86	14	42	128	310	663	1209	1918	2575	3015	3233	3303	3313

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: 2175 ft. Lat: 41.886° N Lon: 98.563° W

Generated on 08/15/2016

Station: **BARTLETT 1 W, NE US GHCND:USC00250525**

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	34.0	7.8	20.9	7.0	5.8	6.3	0	0	0	0	0	0	1057	1119	1212	1367	0.0	0.0	4.1	13.5	31.0	8.5
2	37.7	11.3	24.5	7.0	6.0	6.3	-7777	-7777	0	0	0	0	854	910	994	1134	0.0	0.0	6.3	9.5	27.5	4.9
3	48.9	20.0	34.4	5.6	3.8	4.2	3	2	1	-7777	0	0	640	701	793	947	0.0	0.0	15.7	4.1	28.2	1.3
4	61.3	29.9	45.6	4.7	3.6	3.7	33	24	13	3	-7777	-7777	315	365	445	585	0.0	0.2	24.7	0.4	18.4	0.0
5	71.9	40.8	56.3	3.9	4.4	3.7	129	97	59	21	4	2	87	117	172	289	0.0	1.2	30.3	0.0	5.5	0.0
6	81.9	51.2	66.6	3.8	4.0	3.5	355	300	225	119	49	31	8	14	28	73	0.3	4.5	30.0	0.0	0.6	0.0
7	87.1	57.4	72.3	3.5	2.2	2.7	535	474	383	240	121	83	1	1	4	16	0.9	11.3	31.0	0.0	0.2	0.0
8	84.9	55.5	70.2	3.4	3.0	3.0	473	413	324	189	87	57	2	4	8	28	0.8	7.9	31.0	0.0	0.3	0.0
9	76.3	45.3	60.8	3.9	3.1	3.0	220	178	123	55	17	9	46	64	99	181	0.1	2.3	29.7	0.0	2.8	0.0
10	63.7	32.9	48.3	3.7	2.9	2.8	41	28	14	3	-7777	-7777	249	298	377	520	0.0	0.3	27.3	0.2	14.2	0.0
11	47.7	20.9	34.3	6.6	4.4	5.2	1	1	-7777	0	0	0	622	681	771	921	0.0	0.0	13.3	4.5	26.1	1.2
12	35.2	9.5	22.3	6.8	5.4	5.9	0	0	0	0	0	0	1012	1074	1167	1322	0.0	0.0	4.3	11.4	30.9	6.3
Summary	60.9	31.9	46.4	5.0	4.1	4.2	1790	1517	1142	630	278	182	4893	5348	6070	7383	2.1	27.7	247.7	43.6	185.7	22.2

@ 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: 2175 ft. Lat: 41.886° N Lon: 98.563° W

Generated on 08/15/2016

Station: **BARTLETT 1 W, NE US GHCND:USC00250525**

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	0.77	2.7	1.5	0.5	0.3	0.08	0.25	0.80
2	0.72	2.9	2.0	0.3	-7777	0.18	0.67	1.19
3	1.88	4.3	3.5	1.0	0.5	0.82	1.56	2.54
4	2.94	7.0	5.5	2.0	0.7	1.91	2.95	3.79
5	3.99	9.2	7.4	2.9	1.0	2.82	3.70	5.44
6	4.18	8.3	7.0	2.9	1.1	2.99	4.27	4.91
7	2.96	6.2	4.4	1.7	0.8	1.61	2.67	4.00
8	3.04	6.5	5.2	2.0	0.9	1.68	2.63	3.92
9	2.57	5.4	4.5	2.0	0.6	1.37	2.61	3.20
10	2.23	5.6	4.6	1.7	0.7	0.76	1.44	3.43
11	1.24	3.6	2.5	1.1	0.4	0.37	1.12	1.92
12	0.79	2.8	1.7	0.3	0.1	0.20	0.46	0.99
Summary	27.31	64.5	49.8	18.4	7.1	14.79	24.33	36.13

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 2175 ft. Lat: 41.886° N Lon: 98.563° W

Generated on 08/15/2016

Station: **BARTLETT 1 W, NE US GHCND:USC00250525**

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	6.7	2.9	2.1	0.9	0.3	0.1	@	@	@	@	2.6	6.3	9.8
2	5.0	2.6	2.3	0.8	0.2	0.0	@	@	@	@	2.0	5.5	7.3
3	6.1	1.8	1.8	0.7	0.3	-7777	@	@	@	@	1.0	4.3	11.0
4	2.4	1.0	0.9	0.4	0.2	0.0	@	@	@	@	0.0	0.5	2.0
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	1.4	0.4	0.3	0.3	0.1	0.0	@	@	@	@	0.0	0.0	0.0
11	5.1	2.1	1.5	0.6	0.3	-7777	@	@	@	@	1.5	3.0	8.4
12	5.6	2.4	1.7	0.7	0.3	-7777	@	@	@	@	2.9	4.9	7.0
Summary	32.3	13.2	10.6	4.4	1.7	0.1	0.0	0.0	0.0	0.0	10.0	24.5	45.5

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 -7777: a non-zero value that would round to zero
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**Summary of
 Monthly Normals
 1981-2010**

Elev: 2175 ft. Lat: 41.886° N Lon: 98.563° W

Generated on 08/15/2016

Station: **BARTLETT 1 W, NE US GHCND:USC00250525**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	11	68	223	508	796	999	936	625	288	64	4
45	1	3	31	132	361	647	844	781	480	177	28	1
50	-7777	1	12	69	232	498	690	626	342	92	9	-7777
55	0	-7777	3	33	129	355	535	473	220	41	1	0
60	0	0	1	13	59	225	383	324	123	14	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	14	21	84	191	345	514	644	603	409	224	67	13

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	15	83	306	814	1610	2609	3545	4170	4458	4522	4526
45	1	4	35	167	528	1175	2019	2800	3280	3457	3485	3486
50	0	1	13	82	314	812	1502	2128	2470	2562	2571	2571
55	0	0	3	36	165	520	1055	1528	1748	1789	1790	1790
60	0	0	1	14	73	298	681	1005	1128	1142	1142	1142
Growing Degree Units for Corn (Monthly)												
50/86	14	35	119	310	655	1169	1813	2416	2825	3049	3116	3129

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: 1850 ft. Lat: 42.261° N Lon: 98.342° W

Generated on 08/15/2016

Station: **EWING, NE US GHCND:USC00252805**

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	34.6	11.8	23.2	6.9	6.0	6.3	0	0	0	0	0	0	986	1048	1141	1296	0.0	0.0	4.2	12.3	30.4	5.9
2	39.0	15.7	27.4	7.3	6.1	6.5	-7777	-7777	-7777	0	0	0	774	830	914	1054	0.0	0.0	7.1	8.8	26.2	3.8
3	50.3	25.3	37.8	5.5	3.5	4.2	7	4	1	-7777	-7777	0	540	599	689	843	0.0	0.0	16.4	3.3	23.2	0.8
4	62.7	36.4	49.6	5.0	2.9	3.7	60	44	27	10	3	1	224	268	341	474	0.0	0.4	25.1	0.2	10.1	0.0
5	72.8	47.7	60.2	3.4	2.9	2.9	205	162	107	44	13	6	42	61	99	192	0.0	0.9	30.8	0.0	1.2	0.0
6	82.0	57.4	69.7	3.2	2.9	2.9	443	384	300	174	79	53	2	3	9	33	0.2	4.0	30.0	0.0	0.0	0.0
7	86.8	62.6	74.7	3.2	2.4	2.6	611	549	456	306	170	126	0	-7777	-7777	5	0.7	10.1	31.0	0.0	0.0	0.0
8	85.1	60.6	72.8	3.1	2.3	2.6	554	492	400	255	131	91	-7777	1	2	12	0.1	7.5	31.0	0.0	0.0	0.0
9	77.2	50.4	63.8	3.4	2.3	2.5	288	239	174	88	34	20	24	35	60	124	0.0	2.3	29.8	0.0	0.9	0.0
10	64.6	37.8	51.2	3.9	2.4	2.5	65	46	25	7	1	-7777	183	226	298	434	0.0	0.2	27.6	0.2	8.6	0.0
11	47.4	25.0	36.2	6.4	4.1	5.0	4	2	1	-7777	0	0	568	626	715	864	0.0	0.0	13.0	4.1	22.5	0.8
12	35.1	13.7	24.4	6.8	6.1	6.3	0	0	0	0	0	0	948	1010	1103	1258	0.0	0.0	4.3	12.0	29.8	4.6
Summary	61.5	37.0	49.3	4.8	3.7	4.0	2237	1922	1491	884	431	297	4291	4707	5371	6589	1.0	25.4	250.3	40.9	152.9	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: 1850 ft. Lat: 42.261° N Lon: 98.342° W

Generated on 08/15/2016

Station: **EWING, NE US GHCND:USC00252805**

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	0.62	3.5	2.0	0.3	0.1	0.26	0.48	0.80
2	0.87	3.6	2.3	0.4	0.2	0.34	0.63	0.98
3	1.82	5.3	3.7	1.2	0.4	0.93	1.30	2.46
4	2.93	8.9	5.9	2.0	0.6	1.72	2.74	4.17
5	3.78	9.9	7.1	2.6	1.1	2.83	3.24	4.26
6	4.14	10.0	6.8	2.6	1.2	2.86	3.52	5.14
7	3.01	8.1	5.5	2.2	0.8	1.80	2.78	3.71
8	3.28	7.9	5.8	2.3	0.9	2.00	2.88	4.11
9	2.46	7.1	4.8	1.7	0.7	1.23	2.60	3.30
10	2.04	6.5	4.5	1.4	0.4	0.71	1.64	2.93
11	1.17	4.6	2.7	0.8	0.2	0.60	0.95	1.75
12	0.71	4.2	2.3	0.4	-7777	0.22	0.46	0.93
Summary	26.83	79.6	53.4	17.9	6.6	15.50	23.22	34.54

@ 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: 1850 ft. Lat: 42.261° N Lon: 98.342° W

Generated on 08/15/2016

Station: **EWING, NE US GHCND:USC00252805**

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	5.8	2.9	2.2	0.7	0.2	0.1	15.9	11.0	7.2	2.1	2.0	4.5	9.0
2	5.7	2.7	2.0	0.6	0.3	-7777	11.8	8.2	6.1	2.1	1.0	3.5	6.0
3	5.1	2.7	2.2	0.9	0.5	-7777	5.3	3.2	2.0	0.6	2.0	4.3	7.5
4	4.1	1.3	1.1	0.5	0.2	-7777	1.2	0.7	0.2	-7777	0.0	2.0	7.0
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	0.7	0.4	0.3	0.1	-7777	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0
11	4.0	2.2	1.7	0.7	0.2	0.0	4.8	2.9	1.2	-7777	1.0	3.5	5.0
12	7.5	3.7	2.7	0.8	0.4	0.0	13.6	8.7	5.1	2.4	3.5	6.0	13.5
Summary	32.9	15.9	12.2	4.3	1.8	0.1	52.9	34.8	21.9	7.2	9.5	23.8	48.0

@ 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: 1850 ft. Lat: 42.261° N Lon: 98.342° W

Generated on 08/15/2016

Station: **EWING, NE US GHCND:USC00252805**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	20	107	314	628	891	1076	1018	714	367	84	7
45	1	7	54	202	475	741	921	863	566	241	41	1
50	-7777	2	23	117	330	591	766	708	422	138	15	-7777
55	0	-7777	7	60	205	443	611	554	288	65	4	0
60	0	-7777	1	27	107	300	456	400	174	25	1	0
Growing Degree Units for Corn (Monthly)												
50/86	14	26	93	212	387	581	719	676	457	244	66	11

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	27	134	448	1076	1967	3043	4061	4775	5142	5226	5233
45	1	8	62	264	739	1480	2401	3264	3830	4071	4112	4113
50	0	2	25	142	472	1063	1829	2537	2959	3097	3112	3112
55	0	0	7	67	272	715	1326	1880	2168	2233	2237	2237
60	0	0	1	28	135	435	891	1291	1465	1490	1491	1491
Growing Degree Units for Corn (Monthly)												
50/86	14	40	133	345	732	1313	2032	2708	3165	3409	3475	3486

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: 2654 ft. Lat: 42.172° N Lon: 100.011° W

Generated on 08/15/2016

Station: **ELSMERE, NE US GHCND:USC00252680**

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	40.3	13.5	26.9	6.4	5.4	5.7	0	0	0	0	0	0	871	933	1026	1181	0.0	0.0	8.0	8.4	30.3	4.6
2	43.8	16.1	30.0	6.3	5.6	5.7	-7777	-7777	0	0	0	0	701	757	841	981	0.0	0.0	9.7	5.9	26.8	3.1
3	53.7	24.3	39.0	5.0	3.6	3.9	6	3	1	-7777	-7777	0	502	561	652	806	0.0	0.0	19.1	2.3	24.6	0.8
4	64.5	34.0	49.3	4.8	2.7	3.5	52	37	21	7	1	1	224	269	344	479	-7777	0.7	25.6	0.1	12.6	0.0
5	74.6	45.5	60.0	3.7	2.7	2.7	198	155	102	42	12	6	41	61	101	196	0.1	1.8	30.8	0.0	1.5	0.0
6	83.6	55.0	69.3	3.6	2.9	3.0	431	373	290	165	73	49	2	4	11	36	0.7	6.5	30.0	0.0	0.0	0.0
7	90.0	60.9	75.5	3.4	2.4	2.7	634	572	479	328	189	142	0	-7777	-7777	4	2.8	15.8	31.0	0.0	0.0	0.0
8	88.1	58.9	73.5	3.2	2.3	2.6	574	512	421	274	145	103	1	1	3	10	1.6	12.2	31.0	0.0	0.0	0.0
9	80.1	48.3	64.2	3.6	2.7	2.8	299	250	183	94	37	23	23	34	57	118	0.2	5.4	29.8	0.0	1.3	0.0
10	67.4	36.2	51.8	4.1	2.1	2.7	74	53	30	8	2	1	173	214	284	418	0.0	0.9	28.2	0.2	9.8	0.0
11	51.6	23.6	37.6	6.6	3.9	5.0	6	3	1	-7777	0	0	528	585	673	822	0.0	-7777	16.2	2.7	24.4	0.8
12	40.2	13.8	27.0	6.7	5.6	6.0	-7777	-7777	0	0	0	0	868	930	1023	1178	0.0	0.0	7.5	7.9	30.5	3.9
Summary	64.8	35.8	50.3	4.8	3.5	3.9	2274	1958	1528	918	459	325	3934	4349	5015	6229	5.4	43.3	266.9	27.5	161.8	13.2

@ 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: 2654 ft. Lat: 42.172° N Lon: 100.011° W

Generated on 08/15/2016

Station: **ELSMERE, NE US GHCND:USC00252680**

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	3.5	1.7	0.1	-7777	0.25	0.40	0.64
2	0.73	4.8	2.5	0.3	-7777	0.38	0.61	1.05
3	1.77	6.6	4.2	1.3	0.3	0.92	1.50	2.39
4	2.75	7.2	5.3	2.2	0.6	1.65	2.65	3.66
5	4.20	10.1	7.6	2.8	1.1	2.24	3.82	6.56
6	4.45	9.0	6.9	2.4	1.4	2.67	4.15	5.56
7	3.45	8.2	6.3	2.3	1.1	2.16	3.66	4.65
8	2.89	7.0	5.7	1.8	0.7	1.87	2.78	3.93
9	2.28	6.3	4.4	1.6	0.4	1.15	1.90	2.77
10	1.85	5.8	3.7	1.2	0.4	0.80	1.65	2.45
11	1.13	4.3	3.1	0.8	0.1	0.29	1.07	1.68
12	0.64	3.9	2.2	0.3	0.1	0.23	0.44	0.93
Summary	26.69	76.7	53.6	17.1	6.2	14.61	24.63	36.27

@ 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: 2654 ft. Lat: 42.172° N Lon: 100.011° W

Generated on 08/15/2016

Station: **ELSMERE, NE US GHCND:USC00252680**

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	8.5	2.8	2.4	0.9	0.4	0.1	@	@	@	@	3.0	6.5	10.7
2	8.0	3.4	2.8	1.1	0.3	0.1	@	@	@	@	4.0	7.0	11.0
3	8.9	3.5	3.1	1.4	0.7	0.1	@	@	@	@	2.0	7.7	11.0
4	5.2	1.6	1.4	0.7	0.3	-7777	@	@	@	@	0.0	2.2	11.0
5	0.1	0.1	0.1	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	0.5	0.2	0.1	0.1	-7777	0.0	@	@	@	@	0.0	0.0	0.0
10	1.6	0.6	0.6	0.4	0.1	0.0	@	@	@	@	0.0	0.0	2.1
11	6.2	2.5	2.2	1.1	0.6	-7777	@	@	@	@	2.0	5.3	9.0
12	7.9	2.8	2.4	0.9	0.4	-7777	@	@	@	@	0.5	7.0	14.0
Summary	46.9	17.5	15.1	6.6	2.8	0.3	0.0	0.0	0.0	0.0	11.5	35.7	68.8

@ 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: 2654 ft. Lat: 42.172° N Lon: 100.011° W

Generated on 08/15/2016

Station: **ELSMERE, NE US GHCND:USC00252680**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	16	29	121	304	622	879	1099	1038	726	384	102	14
45	3	9	59	192	469	729	944	883	578	256	52	3
50	-7777	2	23	107	324	579	789	728	434	149	21	-7777
55	0	-7777	6	52	198	431	634	574	299	74	6	-7777
60	0	0	1	21	102	290	479	421	183	30	1	0
Growing Degree Units for Corn (Monthly)												
50/86	30	43	124	230	396	561	706	670	467	279	102	27

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	16	45	166	470	1092	1971	3070	4108	4834	5218	5320	5334
45	3	12	71	263	732	1461	2405	3288	3866	4122	4174	4177
50	0	2	25	132	456	1035	1824	2552	2986	3135	3156	3156
55	0	0	6	58	256	687	1321	1895	2194	2268	2274	2274
60	0	0	1	22	124	414	893	1314	1497	1527	1528	1528
Growing Degree Units for Corn (Monthly)												
50/86	30	73	197	427	823	1384	2090	2760	3227	3506	3608	3635

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: 2090 ft. Lat: 42.514° N Lon: 99.030° W

Generated on 08/15/2016

Station: **ATKINSON 3 SW, NE US GHCND:USC00250420**

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	33.1	9.8	21.4	6.8	5.9	6.2	0	0	0	0	0	0	1040	1102	1195	1350	0.0	0.0	3.6	13.6	30.7	7.2
2	36.5	12.8	24.6	7.0	6.0	6.4	-7777	-7777	-7777	0	0	0	849	905	989	1130	0.0	0.0	5.8	10.6	27.4	4.8
3	47.2	22.4	34.8	5.2	3.7	4.2	3	1	-7777	-7777	0	0	629	689	781	936	0.0	0.0	13.8	4.7	25.9	1.3
4	59.3	34.1	46.7	5.0	3.0	3.8	41	29	17	5	1	-7777	290	338	416	554	0.0	0.2	22.8	0.7	12.3	0.0
5	70.2	46.2	58.2	3.6	2.6	2.9	165	127	81	29	7	3	65	90	136	240	0.0	0.5	30.2	0.0	1.2	0.0
6	79.8	55.9	67.8	3.2	2.7	2.8	389	333	252	136	57	37	4	7	16	51	0.1	2.7	30.0	0.0	0.0	0.0
7	86.2	61.3	73.7	3.7	2.4	2.9	581	519	427	279	150	108	-7777	-7777	1	8	1.0	9.8	31.0	0.0	0.0	0.0
8	83.9	59.3	71.6	3.2	2.4	2.7	515	454	364	222	106	71	1	2	5	18	0.2	6.8	31.0	0.0	0.0	0.0
9	75.3	49.1	62.2	3.6	2.8	2.9	251	207	147	72	26	14	35	51	81	156	0.0	1.8	29.7	0.0	1.0	0.0
10	62.3	35.5	48.9	3.9	2.5	2.8	47	32	17	4	-7777	-7777	237	284	361	503	0.0	0.1	26.4	0.4	10.9	0.0
11	46.1	23.1	34.6	6.7	4.5	5.4	3	2	1	0	0	0	615	674	763	912	0.0	0.0	12.3	5.2	23.9	1.0
12	33.3	11.5	22.4	7.1	5.7	6.3	-7777	-7777	-7777	0	0	0	1010	1072	1165	1320	0.0	0.0	3.7	13.4	30.5	5.9
Summary	59.4	35.1	47.2	4.9	3.7	4.1	1995	1704	1306	747	347	233	4775	5214	5909	7178	1.3	21.9	240.3	48.6	163.8	20.2

@ 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: 2090 ft. Lat: 42.514° N Lon: 99.030° W

Generated on 08/15/2016

Station: **ATKINSON 3 SW, NE US GHCND:USC00250420**

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	0.42	3.1	1.2	0.1	-7777	0.19	0.36	0.50
2	0.61	3.9	2.0	0.2	-7777	0.29	0.46	0.80
3	1.53	5.8	3.5	1.2	0.1	0.76	1.32	1.91
4	2.70	8.2	5.9	1.6	0.6	1.47	2.21	3.67
5	3.71	9.8	7.2	2.6	0.9	2.67	3.42	4.18
6	3.91	9.9	7.1	2.7	1.1	2.57	3.80	4.98
7	2.82	7.9	5.3	1.9	0.7	1.44	2.67	3.91
8	2.82	7.0	5.1	1.7	0.7	1.44	2.81	3.90
9	2.55	6.9	4.7	1.7	0.7	1.22	2.28	3.32
10	2.11	5.9	4.1	1.3	0.6	0.67	1.97	3.12
11	1.02	4.1	2.7	0.7	0.2	0.21	1.05	1.62
12	0.58	3.1	1.7	0.3	0.1	0.09	0.36	0.94
Summary	24.78	75.6	50.5	16.0	5.7	13.02	22.71	32.85

@ 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: 2090 ft. Lat: 42.514° N Lon: 99.030° W

Generated on 08/15/2016

Station: **ATKINSON 3 SW, NE US GHCND:USC00250420**

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	4.8	2.5	1.9	0.7	0.2	-7777	13.7	9.8	5.2	0.7	2.0	4.4	6.2
2	5.6	2.5	2.0	0.8	0.3	-7777	12.2	9.2	6.2	2.5	1.5	5.0	8.0
3	5.6	2.6	2.2	0.9	0.4	-7777	6.2	3.8	1.7	0.3	2.0	5.2	8.5
4	4.0	1.1	1.1	0.6	0.4	0.0	1.6	1.0	0.6	0.1	0.0	2.0	6.0
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	1.3	0.6	0.4	0.2	0.1	0.0	0.6	0.3	0.1	0.0	0.0	0.0	0.5
11	5.4	2.0	1.8	0.7	0.3	0.1	5.7	3.7	2.8	0.8	2.0	3.0	7.5
12	5.6	2.9	2.4	0.9	0.3	-7777	13.0	9.7	5.6	1.5	1.3	3.9	8.4
Summary	32.4	14.2	11.8	4.8	2.0	0.1	53.0	37.5	22.2	5.9	8.8	23.5	45.1

@ 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: 2090 ft. Lat: 42.514° N Lon: 99.030° W

Generated on 08/15/2016

Station: **ATKINSON 3 SW, NE US GHCND:USC00250420**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	13	74	250	565	835	1046	979	667	309	74	5
45	1	4	34	153	415	686	891	824	520	194	35	1
50	-7777	-7777	12	84	279	536	736	670	379	106	13	-7777
55	0	-7777	3	41	165	389	581	515	251	47	3	-7777
60	0	-7777	-7777	17	81	252	427	364	147	17	1	-7777
Growing Degree Units for Corn (Monthly)												
50/86	10	19	71	171	338	533	689	642	419	211	63	9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	19	93	343	908	1743	2789	3768	4435	4744	4818	4823
45	1	5	39	192	607	1293	2184	3008	3528	3722	3757	3758
50	0	0	12	96	375	911	1647	2317	2696	2802	2815	2815
55	0	0	3	44	209	598	1179	1694	1945	1992	1995	1995
60	0	0	0	17	98	350	777	1141	1288	1305	1306	1306
Growing Degree Units for Corn (Monthly)												
50/86	10	29	100	271	609	1142	1831	2473	2892	3103	3166	3175

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: 2590 ft. Lat: 42.878° N Lon: 100.550° W

Generated on 08/15/2016

Station: **VALENTINE MILLER FIELD, NE US GHCND:USW00024032**

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	36.5	10.7	23.6	6.3	5.7	5.8	-7777	0	0	0	0	0	973	1035	1128	1283	0.0	0.0	5.3	11.1	30.7	6.6
2	40.0	14.4	27.2	6.7	5.8	6.1	-7777	-7777	0	0	0	0	778	834	918	1058	0.0	0.0	7.7	8.3	27.0	4.1
3	49.3	23.1	36.2	5.3	3.7	4.2	4	2	1	-7777	0	0	587	647	739	893	0.0	0.0	15.1	4.2	25.3	1.1
4	60.3	33.0	46.7	4.6	2.9	3.4	37	26	14	4	1	1	287	336	415	554	-7777	0.3	23.1	0.6	13.2	0.0
5	70.9	44.3	57.6	3.9	2.6	2.9	156	120	76	30	9	4	75	101	151	259	0.0	1.1	30.0	0.0	2.5	0.0
6	81.1	54.0	67.5	3.9	3.1	3.3	382	326	247	137	62	43	5	9	21	61	0.5	5.5	29.9	0.0	0.0	0.0
7	88.7	60.4	74.5	3.6	2.5	2.9	606	544	452	304	174	130	-7777	-7777	1	8	2.8	13.8	31.0	0.0	0.0	0.0
8	87.0	58.7	72.8	3.2	2.6	2.8	554	493	403	261	138	99	1	2	5	17	1.6	12.3	31.0	0.0	0.0	0.0
9	77.3	47.4	62.3	3.8	2.8	2.9	259	214	155	81	35	22	38	54	85	160	0.2	4.6	29.5	0.0	1.4	0.0
10	63.0	33.9	48.5	4.0	2.6	2.8	45	31	16	4	1	-7777	248	296	374	517	0.0	0.6	25.7	0.4	11.8	0.0
11	47.7	21.2	34.4	6.8	4.2	5.3	3	2	1	-7777	0	0	620	678	767	916	0.0	0.0	12.8	4.8	25.7	1.4
12	36.6	11.0	23.8	6.8	5.8	6.1	-7777	0	0	0	0	0	967	1029	1122	1277	0.0	0.0	5.5	10.7	30.6	5.3
Summary	61.5	34.3	47.9	4.9	3.7	4.0	2046	1758	1365	821	420	299	4579	5021	5726	7003	5.1	38.2	246.6	40.1	168.2	18.5

@ 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: 2590 ft. Lat: 42.878° N Lon: 100.550° W

Generated on 08/15/2016

Station: **VALENTINE MILLER FIELD, NE US GHCND:USW00024032**

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	0.26	3.9	0.8	-7777	0.0	0.10	0.22	0.43
2	0.48	5.0	1.4	0.1	0.0	0.24	0.40	0.72
3	1.07	7.1	2.8	0.6	0.0	0.68	1.06	1.31
4	2.22	9.1	4.5	1.6	0.2	1.25	2.10	3.13
5	3.13	11.4	6.3	2.1	0.7	1.98	3.03	4.44
6	3.56	11.1	6.4	2.3	0.8	2.23	3.50	4.41
7	3.21	9.5	5.6	1.9	0.8	2.03	3.07	4.14
8	2.18	7.9	4.5	1.2	0.5	1.15	2.38	3.35
9	1.64	7.1	3.7	1.1	0.2	0.67	1.54	2.39
10	1.25	6.7	3.0	0.6	0.1	0.51	0.82	1.95
11	0.65	4.6	1.9	0.2	0.1	0.16	0.48	0.88
12	0.37	4.5	1.0	0.1	-7777	0.11	0.24	0.53
Summary	20.02	87.9	41.9	11.8	3.4	11.11	18.84	27.68

@ 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: 2590 ft. Lat: 42.878° N Lon: 100.550° W

Generated on 08/15/2016

Station: VALENTINE MILLER FIELD, NE US GHCND:USW00024032

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	3.8	3.4	1.5	0.3	0.1	0.0	10.7	5.1	2.1	1.0	1.1	3.1	5.6
2	5.6	4.3	2.0	0.5	0.2	0.0	9.8	3.7	1.7	0.7	2.4	5.6	7.2
3	6.5	4.6	2.1	0.6	0.3	-7777	5.7	2.3	1.3	0.3	1.5	5.5	8.3
4	4.6	1.9	1.2	0.6	0.4	0.0	1.9	1.0	0.5	0.1	0.0	2.3	6.8
5	0.1	0.1	0.1	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	0.7	0.1	0.1	-7777	-7777	-7777	0.1	0.1	0.1	-7777	0.0	0.0	0.0
10	1.5	1.0	0.6	0.2	-7777	0.0	0.7	0.1	0.0	0.0	0.0	0.0	1.8
11	5.4	3.0	1.7	0.6	0.3	0.1	5.2	2.8	1.4	0.7	1.0	3.3	6.4
12	5.1	3.9	1.6	0.3	0.2	-7777	12.1	5.6	2.8	0.7	1.9	4.8	7.4
Summary	33.3	22.3	10.9	3.1	1.5	0.1	46.2	20.7	9.9	3.5	7.9	24.6	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: 2590 ft. Lat: 42.878° N Lon: 100.550° W

Generated on 08/15/2016

Station: VALENTINE MILLER FIELD, NE US GHCND:USW00024032

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	20	88	247	546	826	1071	1018	672	299	72	7
45	1	5	40	150	398	677	916	863	525	187	34	1
50	-7777	1	15	80	264	527	761	708	385	101	12	-7777
55	-7777	-7777	4	37	156	382	606	554	259	45	3	-7777
60	0	0	1	14	76	247	452	403	155	16	1	0
Growing Degree Units for Corn (Monthly)												
50/86	19	32	92	182	338	520	687	654	426	221	76	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	29	117	364	910	1736	2807	3825	4497	4796	4868	4875
45	1	6	46	196	594	1271	2187	3050	3575	3762	3796	3797
50	0	1	16	96	360	887	1648	2356	2741	2842	2854	2854
55	0	0	4	41	197	579	1185	1739	1998	2043	2046	2046
60	0	0	1	15	91	338	790	1193	1348	1364	1365	1365
Growing Degree Units for Corn (Monthly)												
50/86	19	51	143	325	663	1183	1870	2524	2950	3171	3247	3265

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: 2270 ft. Lat: 41.768° N Lon: 99.379° W

Generated on 08/15/2016

Station: **TAYLOR, NE US GHCND:USC00258455**

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	10.1	23.3				0	0	0	0	0	0	984	1046	1139	1294	0.0	0.0	3.1	10.3	31.0	1.7
2	40.1	15.0	27.6				0	0	0	0	0	0	768	824	908	1049	0.0	0.0	4.5	5.5	28.0	0.5
3	48.6	23.3	35.9				1	-7777	-7777	0	0	0	592	653	745	900	0.0	0.0	13.4	0.5	24.3	0.0
4	61.0	34.0	47.5				15	8	2	-7777	0	0	241	293	378	525	0.0	0.0	26.0	0.0	12.1	0.0
5	70.9	46.6	58.8				156	115	67	23	7	3	40	61	106	217	0.0	0.7	31.0	0.0	0.4	0.0
6	80.8	56.1	68.5				404	345	258	124	31	13	-7777	1	5	21	0.0	1.0	30.0	0.0	0.0	0.0
7	87.5	63.2	75.4				630	568	475	320	172	117	0	0	0	-7777	0.0	7.9	31.0	0.0	0.0	0.0
8	84.8	59.3	72.1				528	467	375	229	104	65	-7777	-7777	2	11	0.0	5.7	31.0	0.0	0.0	0.0
9	77.0	48.9	63.0				255	205	137	51	11	5	18	27	49	113	0.0	0.3	30.0	0.0	0.0	0.0
10	64.1	34.7	49.4				47	31	14	2	-7777	0	220	266	342	485	0.0	0.0	27.0	0.0	10.8	0.0
11	49.5	22.6	36.1				-7777	-7777	0	0	0	0	569	629	719	869	0.0	0.0	16.0	2.1	26.9	0.3
12	37.0	12.3	24.7				0	0	0	0	0	0	940	1002	1095	1250	0.0	0.0	4.8	11.2	30.3	1.8
Summary	61.5	35.5	48.5				2036	1739	1328	749	325	203	4372	4802	5488	6734	0	15.6	247.8	29.6	163.8	4.3

@ 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: 2270 ft. Lat: 41.768° N Lon: 99.379° W

Generated on 08/15/2016

Station: **TAYLOR, NE US GHCND:USC00258455**

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	0.57	2.9	1.4	0.3	0.1	0.16	0.36	0.92
2	0.80	4.0	2.2	0.4	0.1	0.28	0.66	1.01
3	1.68	5.7	3.7	1.2	0.3	0.47	1.34	2.77
4	2.94	7.6	5.5	2.2	0.8	1.54	2.78	3.85
5	3.96	10.2	7.3	2.3	1.0	2.83	3.70	4.40
6	3.93	9.6	6.7	2.9	1.1	2.02	3.38	4.83
7	2.93	7.3	4.9	2.0	0.8	1.28	2.48	3.41
8	2.96	7.4	4.9	2.2	0.6	1.83	2.56	3.58
9	2.29	6.6	4.4	1.3	0.6	0.89	1.88	3.69
10	2.06	6.4	4.1	1.3	0.5	0.58	1.83	3.13
11	1.21	4.2	2.7	0.8	0.2	0.33	1.03	2.24
12	0.71	3.3	1.6	0.3	0.1	0.15	0.33	0.70
Summary	26.04	75.2	49.4	17.2	6.2	12.36	22.33	34.53

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

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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: 2270 ft. Lat: 41.768° N Lon: 99.379° W

Generated on 08/15/2016

Station: **TAYLOR, NE US GHCND:USC00258455**

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	5.8	2.6	1.9	0.7	0.4	0.1	14.4	9.9	7.5	2.7	2.0	5.2	7.5
2	6.5	3.0	2.3	0.8	0.4	-7777	14.6	8.8	5.8	2.0	2.7	6.0	10.0
3	5.6	2.5	1.9	0.9	0.3	-7777	6.4	3.3	1.8	0.5	1.5	3.8	7.3
4	3.6	1.1	1.0	0.4	0.2	0.1	1.8	1.0	0.6	-7777	0.0	0.7	6.5
5	0.0	0.0	0.0	0.0	0.0	0.0	-7777	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	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
10	1.1	0.6	0.5	0.2	-7777	0.0	0.8	0.4	0.1	0.0	0.0	0.0	1.0
11	5.2	1.9	1.4	0.8	0.3	0.1	5.4	2.4	1.1	0.4	0.5	4.0	6.0
12	6.6	3.1	2.2	0.9	0.2	0.1	13.8	8.0	4.4	1.8	1.5	4.3	11.3
Summary	34.5	14.8	11.2	4.7	1.8	0.4	57.2	33.8	21.3	7.4	8.2	24.0	49.6

@ 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: 2270 ft. Lat: 41.768° N Lon: 99.379° W

Generated on 08/15/2016

Station: **TAYLOR, NE US GHCND:USC00258455**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	-7777	1	56	250	581	853	1095	993	688	308	47	7
45	-7777	-7777	21	136	428	703	939	838	538	191	14	2
50	-7777	-7777	7	54	282	553	784	683	392	103	1	-7777
55	0	0	1	15	156	404	630	528	255	47	-7777	0
60	0	0	-7777	2	67	258	475	375	137	14	0	0
Growing Degree Units for Corn (Monthly)												
50/86	4	10	58	176	341	553	745	661	435	228	61	13

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	1	57	307	888	1741	2836	3829	4517	4825	4872	4879
45	0	0	21	157	585	1288	2227	3065	3603	3794	3808	3810
50	0	0	7	61	343	896	1680	2363	2755	2858	2859	2859
55	0	0	1	16	172	576	1206	1734	1989	2036	2036	2036
60	0	0	0	2	69	327	802	1177	1314	1328	1328	1328
Growing Degree Units for Corn (Monthly)												
50/86	4	14	72	248	589	1142	1887	2548	2983	3211	3272	3285

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: 1990 ft. Lat: 42.459° N Lon: 98.656° W

Generated on 08/15/2016

Station: **O NEILL, NE US GHCND:USC00256290**

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	32.2	10.9	21.6	7.0	6.0	6.4	0	0	0	0	0	0	1037	1099	1192	1347	0.0	0.0	3.8	15.0	30.5	7.0
2	36.2	14.0	25.1	7.2	5.9	6.4	-7777	-7777	-7777	0	0	0	837	893	977	1117	0.0	0.0	5.4	10.9	26.9	4.2
3	46.9	23.1	35.0	5.3	3.7	4.2	4	2	1	-7777	-7777	0	624	684	776	930	0.0	0.0	13.7	5.1	25.4	1.0
4	59.2	34.2	46.7	5.1	3.1	3.8	43	31	19	6	1	1	292	340	418	555	0.0	0.4	22.2	0.7	12.5	0.0
5	70.7	46.2	58.5	3.5	2.8	2.9	173	135	88	35	9	5	66	90	136	239	0.0	1.0	29.9	0.0	1.2	0.0
6	81.2	56.3	68.7	3.7	2.9	3.2	417	360	278	159	74	50	4	7	16	47	0.3	5.1	29.9	0.0	0.0	0.0
7	87.6	61.7	74.7	3.6	2.6	3.0	609	547	455	307	174	131	-7777	-7777	1	8	1.7	12.0	31.0	0.0	0.0	0.0
8	85.3	59.6	72.5	3.2	2.5	2.7	542	481	390	247	127	90	1	2	4	16	0.8	9.0	31.0	0.0	0.0	0.0
9	75.8	48.7	62.2	3.9	2.7	3.0	256	212	153	79	31	19	39	54	86	162	0.1	2.8	29.6	0.0	1.1	0.0
10	61.7	35.9	48.8	4.1	2.8	3.0	49	33	17	4	1	-7777	241	287	365	506	0.0	0.3	25.1	0.4	10.0	0.0
11	45.6	23.3	34.5	6.6	4.5	5.4	3	2	1	-7777	0	0	620	678	767	916	0.0	0.0	11.7	5.4	24.3	0.7
12	32.9	12.7	22.8	7.4	6.1	6.6	-7777	-7777	0	0	0	0	998	1060	1153	1308	0.0	0.0	3.6	13.7	30.3	5.0
Summary	59.6	35.6	47.6	5.1	3.8	4.2	2096	1803	1402	837	417	296	4759	5194	5891	7151	2.9	30.6	236.9	51.2	162.2	17.9

@ 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: 1990 ft. Lat: 42.459° N Lon: 98.656° W

Generated on 08/15/2016

Station: **O NEILL, NE US GHCND:USC00256290**

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	3.3	1.2	0.2	-7777	0.22	0.43	0.67
2	0.56	3.7	1.7	0.2	-7777	0.24	0.42	0.76
3	1.76	6.1	3.8	1.0	0.3	0.61	1.35	2.68
4	2.72	8.5	5.3	1.9	0.6	1.58	2.66	3.47
5	3.72	10.3	7.1	2.6	0.9	2.50	3.43	5.19
6	3.61	10.2	6.6	2.3	0.8	2.35	2.73	4.38
7	3.14	8.0	5.3	1.7	0.7	1.72	2.61	4.39
8	2.95	7.7	5.1	1.7	0.8	1.73	2.60	4.52
9	2.47	6.6	3.9	1.0	0.6	1.22	2.16	3.17
10	2.07	6.5	4.3	1.4	0.5	0.81	1.68	3.56
11	1.05	4.2	2.6	0.7	0.1	0.40	0.96	1.49
12	0.70	4.0	2.0	0.3	0.1	0.25	0.44	0.93
Summary	25.25	79.1	48.9	15.0	5.4	13.63	21.47	35.21

@ 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: 1990 ft. Lat: 42.459° N Lon: 98.656° W

Generated on 08/15/2016

Station: **O NEILL, NE US GHCND:USC00256290**

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	4.7	2.1	1.5	0.7	0.2	0.1	14.5	9.5	7.0	2.2	0.7	4.0	6.0
2	4.0	2.2	1.7	0.6	0.2	-7777	12.1	8.6	6.1	1.2	2.4	3.9	5.6
3	5.8	2.4	1.8	0.9	0.4	-7777	7.4	4.7	2.9	1.0	2.0	4.0	8.5
4	2.7	0.9	0.7	0.4	0.2	0.1	1.6	0.9	0.6	0.2	0.0	0.0	2.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-7777	-7777	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	0.2	0.0	0.0	0.0	0.6	0.1	-7777	0.0	0.0	0.0	0.0
11	3.3	1.5	1.0	0.4	0.2	0.0	4.5	2.6	1.4	-7777	0.3	1.0	3.0
12	5.3	2.6	1.6	0.7	0.3	-7777	15.7	10.5	6.9	3.0	0.5	3.3	9.3
Summary	26.3	12.0	8.5	3.7	1.5	0.2	56.5	36.9	24.9	7.6	5.9	16.2	34.4

@ 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: 1990 ft. Lat: 42.459° N Lon: 98.656° W

Generated on 08/15/2016

Station: **O NEILL, NE US GHCND:USC00256290**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	16	79	251	573	862	1074	1006	668	310	71	7
45	1	4	37	156	424	712	919	851	522	197	34	1
50	-7777	1	14	87	287	563	764	696	382	108	13	-7777
55	0	-7777	4	43	173	417	609	542	256	49	3	-7777
60	0	-7777	1	19	88	278	455	390	153	17	1	0
Growing Degree Units for Corn (Monthly)												
50/86	12	21	73	172	344	548	702	655	418	205	60	10

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	23	102	353	926	1788	2862	3868	4536	4846	4917	4924
45	1	5	42	198	622	1334	2253	3104	3626	3823	3857	3858
50	0	1	15	102	389	952	1716	2412	2794	2902	2915	2915
55	0	0	4	47	220	637	1246	1788	2044	2093	2096	2096
60	0	0	1	20	108	386	841	1231	1384	1401	1402	1402
Growing Degree Units for Corn (Monthly)												
50/86	12	33	106	278	622	1170	1872	2527	2945	3150	3210	3220

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: 2510 ft. Lat: 42.552° N Lon: 99.856° W

Generated on 08/15/2016

Station: **AINSWORTH, NE US GHCND:USC00250050**

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	36.2	15.4	25.8	6.5	5.8	6.0	0	0	0	0	0	0	905	967	1060	1215	0.0	0.0	5.4	11.0	28.6	4.6
2	39.7	18.3	29.0	6.8	5.8	6.2	-7777	-7777	-7777	0	0	0	728	784	868	1008	0.0	0.0	7.5	8.4	25.0	2.8
3	49.6	26.3	37.9	5.3	3.6	4.2	7	4	1	-7777	-7777	-7777	535	594	685	839	0.0	0.0	16.4	3.8	21.7	0.6
4	60.9	36.0	48.4	4.9	2.8	3.6	51	36	21	7	2	1	247	293	368	503	0.0	0.2	24.0	0.6	10.1	0.0
5	71.0	47.2	59.1	3.4	2.5	2.7	182	142	93	36	9	4	55	77	121	219	0.0	0.7	30.4	0.0	0.8	0.0
6	80.3	56.8	68.6	3.6	2.7	3.0	410	353	270	149	64	42	3	6	14	43	0.1	3.7	30.0	0.0	0.0	0.0
7	86.9	62.6	74.7	3.2	2.2	2.6	612	550	457	307	172	127	-7777	-7777	-7777	5	1.2	10.7	31.0	0.0	0.0	0.0
8	84.9	61.0	72.9	3.1	2.3	2.6	557	496	404	259	133	93	1	1	3	12	0.4	7.9	31.0	0.0	0.0	0.0
9	76.4	51.2	63.8	3.5	2.5	2.8	289	241	175	90	34	20	25	37	61	126	0.0	2.2	29.6	0.0	0.4	0.0
10	63.4	39.2	51.3	3.6	2.2	2.7	74	53	29	9	2	1	189	230	299	433	0.0	0.2	26.3	0.3	6.5	0.0
11	47.4	26.4	36.9	6.7	4.5	5.5	7	4	2	-7777	0	0	550	607	695	843	0.0	0.0	13.2	4.4	20.9	0.7
12	36.2	16.5	26.4	6.7	5.8	6.2	-7777	-7777	-7777	0	0	0	888	950	1043	1198	0.0	0.0	4.8	10.9	29.3	3.5
Summary	61.1	38.1	49.6	4.8	3.6	4.0	2189	1879	1452	857	416	288	4126	4546	5217	6444	1.7	25.6	249.6	39.4	143.3	12.2

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

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 2510 ft. Lat: 42.552° N Lon: 99.856° W

Generated on 08/15/2016

Station: **AINSWORTH, NE US GHCND:USC00250050**

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	0.41	4.8	1.1	0.1	0.0	0.18	0.31	0.47
2	0.55	5.9	1.7	0.2	-7777	0.23	0.46	0.76
3	1.35	7.6	3.2	0.8	0.2	0.69	1.15	1.85
4	2.47	9.3	5.1	1.9	0.4	1.32	2.39	3.30
5	3.46	11.0	6.2	2.3	0.8	2.30	3.01	5.04
6	3.71	10.7	6.4	2.4	0.8	2.13	3.41	5.29
7	3.09	9.7	5.8	1.8	0.7	1.85	2.80	3.93
8	2.86	8.0	4.6	2.1	0.9	1.95	2.88	3.29
9	2.48	7.3	4.1	1.5	0.8	1.13	2.08	3.59
10	1.69	6.8	3.5	1.2	0.3	0.64	1.71	2.27
11	0.82	5.2	2.3	0.5	0.1	0.27	0.80	1.40
12	0.45	4.9	1.2	0.2	-7777	0.16	0.36	0.63
Summary	23.34	91.2	45.2	15.0	5.0	12.85	21.36	31.82

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 -7777: a non-zero value that would round to zero
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**Summary of
 Monthly Normals
 1981-2010**

Elev: 2510 ft. Lat: 42.552° N Lon: 99.856° W

Generated on 08/15/2016

Station: **AINSWORTH, NE US GHCND:USC00250050**

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	4.3	2.7	1.8	0.5	0.2	-7777	13.4	7.2	3.7	1.1	1.5	3.0	5.0
2	5.8	3.3	2.3	0.5	0.2	0.0	10.0	5.3	2.7	0.8	2.0	4.5	8.0
3	7.5	3.3	2.8	0.9	0.3	-7777	5.9	2.8	1.3	0.2	1.7	6.8	10.7
4	5.7	1.8	1.4	0.7	0.4	-7777	1.9	0.8	0.5	0.1	0.0	2.0	8.0
5	0.2	0.1	0.1	-7777	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	0.1	0.1	-7777	0.0	0.0	-7777	-7777	0.0	0.0	0.0	0.0	0.0
10	1.5	0.6	0.5	0.2	0.1	0.0	0.6	0.2	-7777	0.0	0.0	0.0	1.0
11	5.9	2.5	1.9	0.7	0.3	0.1	5.4	2.8	1.5	0.6	1.5	3.0	7.8
12	5.8	3.1	2.5	0.5	0.2	0.1	13.6	6.5	3.4	1.3	2.0	5.5	9.0
Summary	36.9	17.5	13.4	4.0	1.7	0.2	50.8	25.6	13.1	4.1	8.7	24.8	49.5

@ 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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Summary of Monthly Normals 1981-2010

Elev: 2510 ft. Lat: 42.552° N Lon: 99.856° W

Generated on 08/15/2016

Station: **AINSWORTH, NE US GHCND:USC00250050**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	18	32	114	291	592	856	1077	1021	714	374	101	16
45	5	11	56	184	441	706	922	866	567	250	52	4
50	1	2	22	103	301	557	767	711	423	147	22	1
55	0	-7777	7	51	182	410	612	557	289	74	7	-7777
60	0	-7777	1	21	93	270	457	404	175	29	2	-7777
Growing Degree Units for Corn (Monthly)												
50/86	17	29	89	190	353	548	714	676	445	230	71	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	18	50	164	455	1047	1903	2980	4001	4715	5089	5190	5206
45	5	16	72	256	697	1403	2325	3191	3758	4008	4060	4064
50	1	3	25	128	429	986	1753	2464	2887	3034	3056	3057
55	0	0	7	58	240	650	1262	1819	2108	2182	2189	2189
60	0	0	1	22	115	385	842	1246	1421	1450	1452	1452
Growing Degree Units for Corn (Monthly)												
50/86	17	46	135	325	678	1226	1940	2616	3061	3291	3362	3377

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: 3740 ft. Lat: 42.068° N Lon: 101.445° W

Generated on 08/15/2016

Station: **WHITMAN 5 ENE, NE US GHCND:USW00094079**

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	37.7	14.7	26.2				0	0	0	0	0	0	893	955	1048	1203	0.0	0.0	5.5	10.2	29.7	4.5
2	38.9	16.2	27.6				-7777	-7777	0	0	0	0	768	824	908	1048	0.0	0.0	5.2	7.8	26.5	2.7
3	48.2	24.0	36.1				3	1	-7777	-7777	0	0	589	649	741	896	0.0	0.0	14.2	3.8	26.2	0.5
4	58.8	33.1	45.9				24	15	7	1	-7777	0	295	346	428	573	0.0	0.0	22.5	0.3	12.9	0.0
5	68.6	44.3	56.5				122	88	50	17	4	2	77	105	160	282	0.0	0.3	29.2	0.0	1.0	0.0
6	78.4	53.5	66.0				335	280	201	92	29	17	6	11	22	63	0.0	1.9	30.0	0.0	0.0	0.0
7	85.8	60.0	72.9				554	492	401	251	118	79	-7777	-7777	1	6	0.5	9.0	31.0	0.0	0.0	0.0
8	85.1	57.6	71.4				507	445	355	213	97	62	-7777	1	4	17	0.3	8.2	31.0	0.0	0.0	0.0
9	75.4	48.2	61.8				238	193	134	63	23	14	35	50	80	159	0.2	2.6	30.0	0.0	0.3	0.0
10	61.4	35.6	48.5				41	26	11	2	-7777	-7777	242	289	367	513	0.0	0.0	25.7	0.1	9.6	0.0
11	46.9	24.3	35.6				2	1	-7777	0	0	0	584	643	732	882	0.0	0.0	12.4	3.4	24.3	0.1
12	37.0	14.9	26.0				0	0	0	0	0	0	899	961	1055	1210	0.0	0.0	4.4	10.6	29.4	3.7
Summary	60.2	35.5	47.9				1826	1541	1159	639	271	174	4388	4834	5546	6852	1.0	22.0	241.1	36.2	159.9	11.5

@ 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: 3740 ft. Lat: 42.068° N Lon: 101.445° W

Generated on 08/15/2016

Station: **WHITMAN 5 ENE, NE US GHCND:USW00094079**

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	0.54	@	@	@	@			
3	1.02	@	@	@	@			
4	1.99	@	@	@	@			
5	3.10	@	@	@	@			
6	3.73	@	@	@	@			
7	2.89	@	@	@	@			
8	2.12	@	@	@	@			
9	1.74	@	@	@	@			
10	1.54	@	@	@	@			
11	0.71	@	@	@	@			
12	0.37	@	@	@	@			
Summary	20.09	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: 3740 ft. Lat: 42.068° N Lon: 101.445° W

Generated on 08/15/2016

Station: **WHITMAN 5 ENE, NE US GHCND:USW00094079**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	17	13	82	223	512	778	1019	971	654	292	63	17
45	5	3	39	126	365	629	864	816	506	177	27	4
50	2	1	13	61	231	479	709	661	364	95	8	1
55	0	-7777	3	24	122	335	554	507	238	41	2	0
60	0	0	-7777	7	50	201	401	355	134	11	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	19	15	74	158	299	480	670	624	400	193	53	14

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	17	30	112	335	847	1625	2644	3615	4269	4561	4624	4641
45	5	8	47	173	538	1167	2031	2847	3353	3530	3557	3561
50	2	3	16	77	308	787	1496	2157	2521	2616	2624	2625
55	0	0	3	27	149	484	1038	1545	1783	1824	1826	1826
60	0	0	0	7	57	258	659	1014	1148	1159	1159	1159
Growing Degree Units for Corn (Monthly)												
50/86	19	34	108	266	565	1045	1715	2339	2739	2932	2985	2999

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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