

Summary of Monthly Normals 1981-2010

Elev: 1551 ft. Lat: 41.986° N Lon: 97.435° W

Generated on 08/15/2016

Station: **NORFOLK KARL STEFAN MEMORIAL AIRPORT, NE US GHCND:USW00014941**

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	33.0	12.1	22.6	6.9	5.7	6.2	0	0	0	0	0	0	1006	1068	1161	1316	0.0	0.0	3.5	13.8	30.3	6.1
2	37.0	16.5	26.8	6.9	5.7	6.0	-7777	-7777	-7777	-7777	0	0	791	847	931	1071	0.0	0.0	5.5	10.2	26.3	3.1
3	48.6	26.2	37.4	5.5	3.6	4.2	8	5	2	-7777	-7777	-7777	554	612	702	856	0.0	0.0	14.0	3.4	22.3	0.5
4	61.9	37.3	49.6	4.7	2.9	3.6	61	46	29	12	3	2	223	268	341	474	0.0	0.6	24.5	0.2	9.1	0.0
5	72.3	48.6	60.5	3.5	3.2	3.2	209	167	112	49	16	8	40	60	98	190	0.0	1.1	30.6	0.0	0.6	0.0
6	81.8	58.6	70.2	3.3	2.6	2.8	457	399	314	186	87	59	1	3	8	30	0.2	4.1	30.0	0.0	0.0	0.0
7	86.4	63.6	75.0	3.3	2.4	2.7	620	558	465	314	176	129	0	-7777	-7777	4	0.6	9.5	31.0	0.0	0.0	0.0
8	84.2	61.5	72.8	3.4	2.7	2.9	553	492	400	255	131	93	-7777	1	2	12	0.3	6.2	31.0	0.0	0.0	0.0
9	76.5	51.1	63.8	3.6	2.5	2.8	289	240	175	90	38	25	25	36	61	126	0.0	2.5	29.7	0.0	0.6	0.0
10	63.5	38.5	51.0	3.7	2.9	2.9	67	48	27	9	2	1	191	234	306	443	0.0	0.3	26.9	0.2	7.5	0.0
11	47.1	25.6	36.4	6.5	4.1	5.0	5	3	1	-7777	0	0	565	622	711	860	0.0	0.0	12.4	4.2	22.6	0.5
12	34.1	14.5	24.3	6.8	5.9	6.2	0	0	0	0	0	0	951	1013	1106	1261	0.0	0.0	3.6	12.7	29.9	4.0
Summary	60.5	37.8	49.2	4.8	3.7	4.0	2269	1958	1525	915	453	317	4347	4764	5427	6643	1.1	24.3	242.7	44.7	149.2	14.2

@ 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: 1551 ft. Lat: 41.986° N Lon: 97.435° W

Generated on 08/15/2016

Station: **NORFOLK KARL STEFAN MEMORIAL AIRPORT, NE US GHCND:USW00014941**

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	5.9	1.6	0.2	-7777	0.28	0.55	0.78
2	0.76	5.8	2.2	0.3	-7777	0.35	0.60	1.12
3	1.77	8.2	3.9	1.0	0.3	0.70	1.33	2.56
4	2.65	9.3	5.4	1.7	0.6	1.47	2.28	3.71
5	3.93	11.3	7.3	2.5	1.0	2.41	3.35	5.20
6	4.26	10.5	6.7	2.7	1.2	2.60	4.01	5.48
7	3.32	9.1	5.6	2.1	1.0	1.61	3.13	4.16
8	3.25	8.7	5.4	2.0	0.9	1.50	2.84	4.48
9	2.69	8.1	5.1	1.8	0.7	1.53	2.77	3.58
10	2.07	7.4	4.2	1.3	0.4	0.95	1.56	3.08
11	1.37	5.8	2.7	0.8	0.3	0.46	1.11	2.10
12	0.75	6.0	2.0	0.3	-7777	0.34	0.50	0.96
Summary	27.41	96.1	52.1	16.7	6.4	14.20	24.03	37.21

@ 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: 1551 ft. Lat: 41.986° N Lon: 97.435° W

Generated on 08/15/2016

Station: **NORFOLK KARL STEFAN MEMORIAL AIRPORT, NE US GHCND:USW00014941**

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	6.4	5.3	1.8	0.7	0.3	-7777	14.6	8.7	4.9	1.0	3.1	6.6	9.2
2	5.5	4.4	1.8	0.4	0.2	-7777	11.9	6.5	4.0	0.6	2.4	4.2	7.6
3	5.1	3.6	1.5	0.5	0.2	0.0	5.1	2.9	1.7	0.3	0.7	3.1	7.6
4	2.6	1.4	0.7	0.3	0.1	0.0	1.0	0.4	0.2	0.0	0.0	0.4	3.6
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	0.1	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.8	0.7	0.2	0.1	-7777	0.0	0.3	-7777	0.0	0.0	0.0	0.0	0.5
11	4.1	2.8	1.5	0.3	0.1	-7777	3.7	1.5	0.8	0.2	1.5	2.7	5.0
12	6.0	4.6	1.9	0.4	0.2	-7777	13.2	6.2	3.2	1.2	2.6	4.6	7.7
Summary	30.5	22.9	9.4	2.7	1.1	0.0	49.8	26.2	14.8	3.3	10.3	21.6	41.2

@ 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: 1551 ft. Lat: 41.986° N Lon: 97.435° W

Generated on 08/15/2016

Station: **NORFOLK KARL STEFAN MEMORIAL AIRPORT, NE US GHCND:USW00014941**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	18	100	313	634	906	1085	1018	714	361	84	7
45	2	6	51	201	480	756	930	863	566	237	42	1
50	-7777	1	22	117	335	606	775	708	422	137	17	-7777
55	0	-7777	8	61	209	457	620	553	289	67	5	0
60	0	-7777	2	29	112	314	465	400	175	27	1	0
Growing Degree Units for Corn (Monthly)												
50/86	12	20	80	201	382	591	730	679	449	230	64	9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	26	126	439	1073	1979	3064	4082	4796	5157	5241	5248
45	2	8	59	260	740	1496	2426	3289	3855	4092	4134	4135
50	0	1	23	140	475	1081	1856	2564	2986	3123	3140	3140
55	0	0	8	69	278	735	1355	1908	2197	2264	2269	2269
60	0	0	2	31	143	457	922	1322	1497	1524	1525	1525
Growing Degree Units for Corn (Monthly)												
50/86	12	32	112	313	695	1286	2016	2695	3144	3374	3438	3447

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: 1749 ft. Lat: 42.064° N Lon: 97.967° W

Generated on 08/15/2016

Station: **OAKDALE, NE US GHCND:USC00256135**

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	9.9	21.6	6.7	6.1	6.3	0	0	0	0	0	0	1035	1097	1190	1345	0.0	0.0	4.2	14.2	30.7	7.2
2	37.4	14.1	25.7	7.2	5.7	6.3	-7777	-7777	-7777	0	0	0	819	875	959	1099	0.0	0.0	6.4	9.8	26.8	4.1
3	47.8	24.2	36.0	5.3	3.5	4.0	5	3	1	-7777	-7777	-7777	594	654	745	899	0.0	0.0	13.5	4.1	24.3	0.6
4	60.4	35.0	47.7	4.7	3.1	3.6	49	36	22	8	2	1	268	315	391	527	0.0	0.4	23.3	0.5	11.8	0.0
5	70.3	46.8	58.5	3.6	3.0	3.1	174	136	88	34	9	4	64	88	132	234	0.0	0.5	30.2	0.0	1.3	0.0
6	79.7	57.0	68.4	3.5	2.7	2.9	405	349	267	149	66	42	5	8	17	49	0.2	2.8	29.9	0.0	0.0	0.0
7	84.7	62.2	73.4	3.3	2.2	2.5	572	510	418	271	143	103	-7777	-7777	1	9	0.4	7.1	31.0	0.0	0.0	0.0
8	82.9	60.0	71.5	3.3	2.5	2.7	510	449	359	219	106	73	1	2	5	19	0.2	5.4	31.0	0.0	0.0	0.0
9	75.4	48.8	62.1	3.6	2.5	2.6	248	204	145	72	27	16	35	51	82	159	0.0	2.1	29.6	0.0	1.1	0.0
10	63.0	35.8	49.4	3.8	2.6	2.6	51	35	19	5	1	-7777	224	270	347	489	0.0	0.3	26.4	0.2	10.5	0.0
11	47.4	23.3	35.4	6.7	3.9	4.9	4	2	1	-7777	0	0	593	651	740	889	0.0	0.0	13.0	4.4	24.6	0.9
12	34.7	12.3	23.5	7.1	5.8	6.3	0	0	0	0	0	0	976	1038	1131	1286	0.0	0.0	4.5	12.5	30.4	4.9
Summary	59.8	35.8	47.8	4.9	3.6	4.0	2018	1724	1320	758	354	239	4614	5049	5740	7004	0.8	18.6	243.0	45.7	161.5	17.7

@ 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: 1749 ft. Lat: 42.064° N Lon: 97.967° W

Generated on 08/15/2016

Station: **OAKDALE, NE US GHCND:USC00256135**

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	4.8	1.4	0.2	0.0	0.23	0.33	0.73
2	0.65	5.5	1.8	0.3	0.0	0.28	0.53	0.78
3	1.75	7.4	4.1	1.0	0.3	0.87	1.30	2.48
4	2.84	9.4	5.7	1.9	0.8	1.64	2.54	3.76
5	3.94	10.3	7.2	2.9	0.9	2.74	3.57	5.00
6	4.48	10.0	7.1	3.1	1.2	2.44	3.76	6.13
7	3.23	7.9	5.6	2.1	0.9	1.85	2.67	4.44
8	3.64	7.9	5.4	2.3	1.0	2.02	3.19	4.77
9	2.55	7.2	4.4	1.8	0.6	1.28	2.62	3.59
10	2.19	7.1	4.3	1.5	0.6	0.75	1.60	3.33
11	1.24	5.2	3.0	0.7	0.2	0.35	1.09	1.81
12	0.74	5.3	2.1	0.4	0.1	0.24	0.47	0.90
Summary	27.73	88.0	52.1	18.2	6.6	14.69	23.67	37.72

@ 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: 1749 ft. Lat: 42.064° N Lon: 97.967° W

Generated on 08/15/2016

Station: **OAKDALE, NE US GHCND:USC00256135**

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	5.4	4.1	1.4	0.7	0.2	0.0	14.9	9.9	5.8	0.8	1.7	4.9	8.9
2	5.6	4.1	1.7	0.6	0.2	-7777	11.5	7.2	4.9	0.6	2.7	4.0	8.0
3	6.2	3.8	1.8	0.8	0.3	0.1	6.4	3.1	1.5	0.3	1.8	4.3	7.5
4	2.9	1.4	0.9	0.4	0.2	0.0	1.1	0.4	0.2	0.0	0.0	0.7	4.6
5	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	-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	0.8	0.6	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.1
11	4.6	2.6	1.4	0.6	0.1	0.1	4.8	1.9	1.0	0.2	1.5	2.7	6.7
12	6.1	4.6	1.9	0.6	0.2	0.0	13.5	7.5	3.9	1.4	1.8	5.0	8.2
Summary	31.6	21.2	9.4	3.8	1.2	0.2	52.5	30.1	17.3	3.3	9.5	21.6	44.0

@ 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: 1749 ft. Lat: 42.064° N Lon: 97.967° W

Generated on 08/15/2016

Station: **OAKDALE, NE US GHCND:USC00256135**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	17	86	270	576	851	1037	975	664	319	77	7
45	1	5	41	170	425	700	882	820	517	203	38	1
50	-7777	1	16	96	288	551	727	665	377	111	14	-7777
55	0	-7777	5	49	174	405	572	510	248	51	4	0
60	0	-7777	1	22	88	267	418	359	145	19	1	0
Growing Degree Units for Corn (Monthly)												
50/86	15	24	77	184	345	548	693	643	420	220	69	13

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	24	110	380	956	1807	2844	3819	4483	4802	4879	4886
45	1	6	47	217	642	1342	2224	3044	3561	3764	3802	3803
50	0	1	17	113	401	952	1679	2344	2721	2832	2846	2846
55	0	0	5	54	228	633	1205	1715	1963	2014	2018	2018
60	0	0	1	23	111	378	796	1155	1300	1319	1320	1320
Growing Degree Units for Corn (Monthly)												
50/86	15	39	116	300	645	1193	1886	2529	2949	3169	3238	3251

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: 1345 ft. Lat: 42.653° N Lon: 96.878° W

Generated on 08/15/2016

Station: **NEWCASTLE, NE US GHCND:USC00255895**

Precipitation (in.)								
Month	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.57	4.3	1.7	0.2	-7777	0.31	0.44	0.72
2	0.71	3.9	2.0	0.4	0.1	0.38	0.56	1.04
3	1.99	5.9	4.4	1.3	0.3	1.07	2.04	2.78
4	3.55	8.3	6.0	2.4	1.1	1.83	3.37	4.76
5	3.99	9.7	7.6	2.8	1.0	2.58	3.68	4.42
6	4.31	8.6	6.5	2.9	1.6	2.36	3.64	6.39
7	3.12	6.7	4.6	2.1	0.7	1.61	2.55	3.84
8	2.88	6.8	5.2	2.0	0.8	1.57	2.89	3.72
9	3.15	6.5	4.8	2.1	0.7	2.15	3.06	4.19
10	2.36	5.6	4.0	1.7	0.8	0.72	1.65	4.49
11	1.63	4.6	3.5	1.1	0.2	0.77	1.42	2.23
12	0.85	4.5	2.2	0.4	0.1	0.35	0.71	1.20
Summary	29.11	75.4	52.5	19.4	7.4	15.70	26.01	39.78

@ 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: 1345 ft. Lat: 42.653° N Lon: 96.878° W

Generated on 08/15/2016

Station: **NEWCASTLE, NE US GHCND:USC00255895**

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	5.9	3.8	2.2	0.6	0.3	-7777	15.3	9.5	6.0	0.5	2.5	5.6	10.0
2	6.0	3.1	2.1	0.8	0.4	0.1	10.4	7.5	5.4	2.6	3.0	4.5	9.0
3	5.3	2.5	1.9	0.9	0.3	-7777	7.3	4.6	3.0	0.7	2.0	3.3	8.1
4	2.4	0.7	0.6	0.3	0.1	-7777	0.8	0.4	0.2	-7777	0.0	0.0	3.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.0	0.3	0.2	0.1	0.1	0.0	0.4	0.2	0.1	0.0	0.0	0.0	0.3
11	7.0	2.0	1.7	0.7	0.4	0.1	5.0	2.9	1.5	0.3	1.4	4.7	11.5
12	6.9	3.6	2.3	1.2	0.5	-7777	14.7	8.9	5.6	0.6	3.5	6.6	9.8
Summary	34.5	16.0	11.0	4.6	2.1	0.2	53.9	34.0	21.8	4.7	12.4	24.7	51.7

@ 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: 1545 ft. Lat: 42.029° N Lon: 97.486° W

Generated on 08/15/2016

Station: **NORFOLK 4 W, NE US GHCND:USC00255997**

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	32.4	8.8	20.6	6.2	6.0	6.0	0	0	0	0	0	0	1066	1128	1221	1376	0.0	0.0	3.2	14.4	30.8	7.4
2	36.4	14.2	25.3	7.0	6.1	6.3	-7777	-7777	-7777	0	0	0	832	888	972	1111	0.0	0.0	5.1	10.8	26.9	3.9
3	47.5	23.6	35.6	5.3	3.8	4.3	4	2	1	-7777	0	0	607	667	758	913	0.0	0.0	13.1	3.6	25.3	0.6
4	60.2	34.7	47.5	4.6	3.1	3.6	35	24	11	3	-7777	-7777	262	310	387	530	0.0	0.1	24.4	0.2	12.1	0.0
5	71.5	46.5	59.0	4.1	3.5	3.6	177	138	88	35	9	5	53	76	119	221	0.0	0.5	30.5	0.0	0.9	0.0
6	80.9	56.4	68.7	3.3	2.7	2.8	412	355	272	151	61	38	3	6	13	42	0.0	2.9	30.0	0.0	0.0	0.0
7	85.2	61.8	73.5	2.7	2.0	2.2	573	512	420	270	136	94	-7777	-7777	1	7	0.0	6.1	31.0	0.0	0.0	0.0
8	82.9	59.0	71.0	2.9	2.7	2.6	494	433	343	202	90	58	-7777	1	4	17	0.0	3.5	31.0	0.0	0.0	0.0
9	75.6	48.9	62.3	3.3	2.4	2.5	245	198	137	64	22	12	27	41	69	147	0.0	1.3	29.9	0.0	0.9	0.0
10	62.4	35.6	49.0	3.8	2.7	2.8	51	36	20	6	2	1	237	284	361	502	0.0	0.3	26.4	0.2	11.3	0.0
11	46.5	22.5	34.5	6.5	4.4	5.2	2	1	-7777	0	0	0	617	676	765	915	0.0	0.0	11.6	5.2	26.0	0.5
12	32.8	11.4	22.1	7.1	5.7	6.2	0	0	0	0	0	0	1019	1082	1175	1329	0.0	0.0	3.9	14.7	30.7	5.5
Summary	59.5	35.3	47.4	4.7	3.8	4.0	1993	1699	1292	731	320	208	4723	5159	5845	7110	0	14.7	240.1	49.1	164.9	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: 1545 ft. Lat: 42.029° N Lon: 97.486° W

Generated on 08/15/2016

Station: **NORFOLK 4 W, NE US GHCND:USC00255997**

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	5.1	1.8	0.1	0.0	0.37	0.48	0.65
2	0.67	5.0	1.7	0.4	0.0	0.34	0.54	0.94
3	1.84	7.1	3.9	0.9	0.2	0.83	1.76	2.66
4	2.73	9.3	5.5	1.8	0.8	1.96	2.44	3.41
5	4.03	10.2	6.2	2.9	1.3	2.33	3.64	5.90
6	4.79	10.9	7.1	3.4	1.6	3.16	4.59	6.36
7	3.52	7.5	4.3	1.9	0.9	2.11	2.94	4.68
8	3.93	8.4	5.6	2.2	1.2	2.42	4.18	5.22
9	2.65	7.3	4.3	1.9	0.6	1.63	2.56	3.17
10	2.33	8.2	4.8	1.9	0.8	1.13	1.61	3.31
11	1.56	4.6	2.6	0.7	0.3	0.82	1.33	2.25
12	0.81	5.4	1.9	0.6	0.0	0.35	0.72	1.01
Summary	29.43	89.0	49.7	18.7	7.7	17.45	26.79	39.56

@ 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: 1545 ft. Lat: 42.029° N Lon: 97.486° W

Generated on 08/15/2016

Station: **NORFOLK 4 W, NE US GHCND:USC00255997**

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	3.9	1.8	0.9	0.4	0.0	16.8	10.4	5.6	1.9	1.7	7.2	9.1
2	4.8	3.4	2.0	0.6	0.2	0.0	13.3	6.6	4.4	0.4	2.4	3.7	6.1
3	4.1	2.2	1.3	0.3	0.2	0.0	5.2	1.8	1.1	0.3	0.3	2.0	4.7
4	1.0	0.7	0.3	0.1	0.1	0.0	0.5	0.2	0.2	0.0	0.0	0.0	0.8
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.4	0.3	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
11	2.0	1.2	0.9	0.2	0.0	0.0	2.5	1.4	0.7	0.0	0.0	1.5	2.7
12	6.9	3.4	2.1	0.5	0.4	0.0	10.5	6.2	4.8	1.5	1.0	2.4	13.8
Summary	25.2	15.1	8.6	2.7	1.3	0.0	49.0	26.6	16.8	4.1	5.4	16.8	37.2

@ 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: 1545 ft. Lat: 42.029° N Lon: 97.486° W

Generated on 08/15/2016

Station: **NORFOLK 4 W, NE US GHCND:USC00255997**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	14	76	259	589	859	1038	959	667	308	64	3
45	1	4	36	156	438	709	883	804	519	193	28	-7777
50	-7777	1	14	81	296	560	728	649	376	106	10	0
55	0	-7777	4	35	177	412	573	494	245	51	2	0
60	0	-7777	1	11	88	272	420	343	137	20	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	10	17	70	176	357	556	700	636	422	212	61	8

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	18	94	353	942	1801	2839	3798	4465	4773	4837	4840
45	1	5	41	197	635	1344	2227	3031	3550	3743	3771	3771
50	0	1	15	96	392	952	1680	2329	2705	2811	2821	2821
55	0	0	4	39	216	628	1201	1695	1940	1991	1993	1993
60	0	0	1	12	100	372	792	1135	1272	1292	1292	1292
Growing Degree Units for Corn (Monthly)												
50/86	10	27	97	273	630	1186	1886	2522	2944	3156	3217	3225

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: 1310 ft. Lat: 41.845° N Lon: 96.714° W

Generated on 08/15/2016

Station: **WEST POINT, NE US GHCND:USC00259200**

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	30.9	10.9	20.9	6.6	6.3	6.3	0	0	0	0	0	0	1057	1119	1212	1367	0.0	0.0	2.5	16.0	30.7	6.8
2	35.3	15.2	25.3	6.8	6.0	6.2	-7777	-7777	-7777	0	0	0	833	889	973	1113	0.0	0.0	4.4	11.1	26.4	4.0
3	47.2	25.7	36.4	5.3	3.4	4.0	7	4	2	-7777	-7777	-7777	582	641	732	885	0.0	0.0	13.0	4.1	22.9	0.6
4	60.9	37.1	49.0	4.8	3.2	3.7	60	44	28	11	3	1	240	284	358	491	0.0	0.3	23.5	0.2	9.1	0.0
5	71.7	49.1	60.4	3.7	3.2	3.2	212	170	115	49	15	8	45	65	103	192	0.0	0.9	30.6	0.0	0.3	0.0
6	81.4	59.6	70.5	3.3	2.5	2.7	467	409	324	194	93	64	2	4	9	29	0.1	4.2	30.0	0.0	0.0	0.0
7	85.4	64.4	74.9	3.1	2.4	2.6	617	555	462	311	175	129	-7777	-7777	-7777	5	0.4	8.3	31.0	0.0	0.0	0.0
8	83.3	61.9	72.6	3.4	2.7	2.9	546	484	393	249	127	89	-7777	1	2	13	0.2	5.3	31.0	0.0	0.0	0.0
9	75.6	51.2	63.4	3.5	2.6	2.8	280	232	169	85	34	21	28	41	67	133	0.0	1.5	29.7	0.0	0.6	0.0
10	63.2	38.4	50.8	3.7	2.9	2.8	64	46	26	8	2	1	194	238	312	448	0.0	0.2	27.1	0.2	7.9	0.0
11	46.7	26.1	36.4	6.4	4.0	5.0	6	3	1	-7777	0	0	564	621	709	858	0.0	0.0	12.3	4.1	22.5	0.4
12	32.8	14.1	23.5	6.8	6.3	6.4	-7777	0	0	0	0	0	978	1040	1133	1288	0.0	0.0	3.1	13.9	30.1	4.2
Summary	59.5	37.8	48.7	4.8	3.8	4.1	2259	1947	1520	907	449	313	4523	4943	5610	6822	0.7	20.7	238.2	49.6	150.5	16.0

@ 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: 1310 ft. Lat: 41.845° N Lon: 96.714° W

Generated on 08/15/2016

Station: **WEST POINT, NE US GHCND:USC00259200**

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	5.4	2.0	0.2	0.0	0.32	0.58	0.88
2	0.84	5.4	2.2	0.4	0.1	0.47	0.73	1.21
3	2.16	7.7	4.6	1.4	0.4	0.93	1.96	3.12
4	3.28	9.8	5.8	2.1	0.9	1.85	3.10	4.54
5	4.12	11.6	7.6	2.9	1.1	2.63	3.76	5.27
6	4.82	11.0	6.8	2.7	1.5	1.91	4.46	6.43
7	3.63	9.8	6.1	2.5	1.0	2.19	3.09	4.25
8	3.72	8.9	5.8	2.1	1.0	2.02	3.43	4.38
9	2.97	8.5	5.1	1.7	1.0	0.80	3.04	4.44
10	2.13	7.3	4.3	1.5	0.4	0.94	1.44	3.52
11	1.56	5.9	3.2	1.0	0.4	0.62	1.31	2.37
12	0.96	6.1	2.6	0.4	0.1	0.50	0.73	1.19
Summary	30.81	97.4	56.1	18.9	7.9	15.18	27.63	41.60

@ 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: 1310 ft. Lat: 41.845° N Lon: 96.714° W

Generated on 08/15/2016

Station: **WEST POINT, NE US GHCND:USC00259200**

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	5.5	4.2	2.0	0.5	0.3	0.0	16.5	10.8	6.0	1.3	2.4	4.9	7.8
2	6.6	3.7	2.1	0.9	0.3	-7777	13.2	8.1	4.9	1.5	3.6	6.6	7.8
3	5.5	2.4	1.6	0.7	0.4	-7777	6.2	3.3	1.8	0.2	0.5	4.6	9.2
4	2.0	0.6	0.4	0.2	0.2	-7777	0.9	0.5	0.2	-7777	0.0	0.0	2.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.5	0.2	0.2	-7777	0.0	0.0	0.2	-7777	0.0	0.0	0.0	0.0	0.0
11	3.7	2.1	1.3	0.3	0.1	-7777	3.4	0.9	0.5	0.2	0.6	1.9	4.7
12	7.5	4.7	2.5	0.8	0.3	0.0	13.2	7.7	4.8	1.5	3.8	7.6	10.8
Summary	31.3	17.9	10.1	3.4	1.6	0.0	53.6	31.3	18.2	4.7	10.9	25.6	42.3

@ 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: 1310 ft. Lat: 41.845° N Lon: 96.714° W

Generated on 08/15/2016

Station: **WEST POINT, NE US GHCND:USC00259200**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	14	90	303	633	915	1082	1011	703	354	85	5
45	1	4	45	195	480	765	927	855	555	232	44	1
50	-7777	1	19	114	336	615	772	700	412	133	18	-7777
55	0	-7777	7	60	212	467	617	546	280	64	6	-7777
60	0	-7777	2	28	115	324	462	393	169	26	1	0
Growing Degree Units for Corn (Monthly)												
50/86	7	15	70	192	377	600	734	676	442	225	61	7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	18	108	411	1044	1959	3041	4052	4755	5109	5194	5199
45	1	5	50	245	725	1490	2417	3272	3827	4059	4103	4104
50	0	1	20	134	470	1085	1857	2557	2969	3102	3120	3120
55	0	0	7	67	279	746	1363	1909	2189	2253	2259	2259
60	0	0	2	30	145	469	931	1324	1493	1519	1520	1520
Growing Degree Units for Corn (Monthly)												
50/86	7	22	92	284	661	1261	1995	2671	3113	3338	3399	3406

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: 1820 ft. Lat: 42.467° N Lon: 98.219° W

Generated on 08/15/2016

Station: **ORCHARD 9 NNE, NE US GHCND:USC00256328**

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	0.63	@	@	@	@			
3	1.87	@	@	@	@			
4	2.95	@	@	@	@			
5	3.80	@	@	@	@			
6	4.36	@	@	@	@			
7	3.26	@	@	@	@			
8	3.46	@	@	@	@			
9	2.53	@	@	@	@			
10	2.05	@	@	@	@			
11	1.13	@	@	@	@			
12	0.65	@	@	@	@			
Summary	27.04	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: 1740 ft. Lat: 42.594° N Lon: 97.644° W

Generated on 08/15/2016

Station: **BLOOMFIELD, NE US GHCND:USC00250945**

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	0.61	5.3	1.7	0.2	0.0	0.37	0.62	0.82
2	0.83	4.9	2.2	0.4	0.1	0.40	0.79	1.16
3	1.91	7.2	4.5	1.2	0.2	0.97	1.60	2.29
4	3.14	9.9	5.9	1.8	0.8	1.59	2.70	4.39
5	4.07	11.4	7.4	2.6	1.0	2.77	3.92	5.53
6	4.18	11.3	7.1	2.9	1.3	2.89	3.76	5.33
7	3.12	8.6	5.4	1.9	0.8	1.73	2.62	4.53
8	2.97	8.6	4.7	2.0	0.9	1.43	3.26	3.91
9	2.86	7.5	4.9	1.8	0.8	1.30	2.77	4.51
10	2.25	7.4	4.1	1.4	0.6	0.81	1.58	3.72
11	1.28	5.8	3.1	0.7	0.2	0.55	1.04	1.43
12	0.81	5.2	2.1	0.2	0.1	0.26	0.63	1.12
Summary	28.03	93.1	53.1	17.1	6.8	15.07	25.29	38.74

@ 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: 1740 ft. Lat: 42.594° N Lon: 97.644° W

Generated on 08/15/2016

Station: **BLOOMFIELD, NE US GHCND:USC00250945**

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	6.9	4.3	2.3	0.8	0.3	-7777	18.0	12.3	6.8	1.8	3.0	6.1	10.5
2	6.6	3.8	2.3	0.8	0.3	0.1	13.6	9.3	6.2	2.4	2.5	5.0	9.0
3	6.7	3.6	2.6	0.8	0.3	0.0	9.0	5.9	3.0	0.4	2.5	6.1	9.0
4	4.7	1.7	1.4	0.6	0.3	-7777	2.2	1.2	0.6	-7777	0.0	1.7	9.2
5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-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	1.2	0.5	0.4	0.1	-7777	-7777	0.7	0.2	0.1	-7777	0.0	0.0	1.0
11	6.8	2.6	2.0	1.0	0.3	0.1	6.2	3.7	1.8	0.4	2.0	4.2	11.0
12	7.4	4.5	2.7	0.9	0.2	-7777	16.6	10.0	4.7	2.1	2.4	6.0	12.0
Summary	40.3	21.0	13.7	5.0	1.7	0.2	66.4	42.7	23.2	7.1	12.4	29.1	61.7

@ 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: 2100 ft. Lat: 41.761° N Lon: 98.214° W

Generated on 08/15/2016

Station: **LORETTO 7 W, NE US GHCND:USC00254945**

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	4.4	1.4	0.3	0.0	0.17	0.46	0.80
2	0.69	5.3	2.2	0.4	0.0	0.30	0.65	0.88
3	1.58	6.6	3.2	0.6	0.2	0.62	1.12	2.28
4	2.52	9.5	5.8	1.6	0.6	1.69	2.39	3.12
5	4.17	10.6	6.8	3.3	1.1	2.68	3.75	4.78
6	4.08	11.4	7.7	2.8	0.9	2.31	3.81	5.06
7	3.17	8.9	5.7	2.5	0.7	1.69	2.44	4.36
8	3.16	8.5	5.5	2.4	0.9	1.97	3.02	4.25
9	2.72	6.6	4.6	1.7	0.9	1.18	2.42	3.98
10	2.21	7.1	4.9	1.3	0.7	0.89	1.68	3.42
11	1.19	4.5	2.5	0.6	0.1	0.31	1.06	1.89
12	0.67	4.9	1.6	0.2	0.1	0.23	0.47	1.01
Summary	26.67	88.3	51.9	17.7	6.2	14.04	23.27	35.83

@ 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: 41.761° N Lon: 98.214° W

Generated on 08/15/2016

Station: **LORETTO 7 W, NE US GHCND:USC00254945**

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	6.6	4.7	1.8	0.9	0.3	0.1	13.8	9.7	4.8	1.1	2.2	5.2	8.3
2	7.0	4.6	2.3	0.8	0.2	0.0	12.9	9.2	5.2	1.6	4.3	7.2	10.0
3	6.4	3.6	1.9	0.7	0.3	0.1	7.0	4.1	2.3	0.6	1.2	2.3	11.0
4	3.4	1.3	0.9	0.5	0.2	0.1	1.5	0.9	0.4	0.1	0.0	1.0	7.8
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.0	0.7	0.3	0.2	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0
11	3.4	2.2	1.2	0.3	0.1	0.0	5.2	1.8	0.8	0.0	0.8	2.1	4.5
12	5.0	4.9	2.2	0.7	0.3	0.0	13.2	7.8	3.2	0.7	1.8	3.8	6.0
Summary	32.8	22.0	10.6	4.1	1.4	0.3	54.2	33.9	16.7	4.1	10.3	21.6	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: 1140 ft. Lat: 41.777° N Lon: 96.233° W

Generated on 08/15/2016

Station: **TEKAMAH, NE US GHCND:USC00258480**

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	30.2	11.8	21.0	6.8	6.3	6.4	0	0	0	0	0	0	1054	1116	1209	1364	0.0	0.0	2.4	16.8	30.1	6.4
2	34.8	15.5	25.1	6.8	6.0	6.2	-7777	-7777	-7777	-7777	0	0	836	892	976	1116	0.0	0.0	4.4	11.7	26.3	3.8
3	47.2	25.7	36.4	5.4	3.2	4.0	7	4	2	-7777	-7777	-7777	582	641	732	885	0.0	0.0	12.8	4.2	23.4	0.6
4	61.1	36.8	49.0	4.9	3.1	3.7	58	42	26	10	2	1	239	284	358	491	0.0	0.5	23.6	0.1	8.6	0.0
5	71.9	49.7	60.8	3.7	3.2	3.2	222	179	123	54	16	9	43	61	98	184	0.0	0.9	30.5	0.0	0.3	0.0
6	81.5	59.8	70.6	3.1	2.3	2.6	470	412	326	195	91	61	1	2	7	26	0.1	4.0	30.0	0.0	0.0	0.0
7	85.3	64.0	74.7	2.9	2.0	2.3	609	547	454	303	163	117	-7777	-7777	-7777	4	0.4	7.6	31.0	0.0	0.0	0.0
8	83.2	61.1	72.2	3.3	2.6	2.8	532	470	378	234	114	78	-7777	-7777	-7777	2	13	0.2	4.9	31.0	0.0	0.0
9	76.1	50.9	63.5	3.7	2.6	2.9	279	231	166	81	30	18	24	36	61	126	-7777	1.8	29.7	0.0	0.2	0.0
10	63.2	39.0	51.1	3.6	2.9	2.9	69	49	28	9	2	1	190	232	303	440	0.0	0.2	27.0	0.2	6.9	0.0
11	46.6	26.5	36.6	6.4	4.3	5.1	6	3	1	-7777	0	0	559	617	705	854	0.0	0.0	12.3	4.2	22.4	0.4
12	32.0	15.1	23.6	6.7	6.4	6.4	0	-7777	0	0	0	0	975	1037	1130	1285	0.0	0.0	2.6	14.5	29.9	3.9
Summary	59.4	38.0	48.7	4.8	3.7	4.0	2252	1937	1504	886	418	285	4503	4918	5581	6788	0.7	19.9	237.3	51.7	148.1	15.1

@ 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: 1140 ft. Lat: 41.777° N Lon: 96.233° W

Generated on 08/15/2016

Station: **TEKAMAH, NE US GHCND:USC00258480**

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	0.64	3.7	2.3	0.3	0.0	0.28	0.59	0.96
2	0.75	4.1	2.2	0.3	0.1	0.36	0.72	1.00
3	2.10	6.6	4.4	1.3	0.4	1.03	1.78	3.05
4	3.44	9.4	6.6	2.5	0.8	1.81	3.32	4.44
5	4.34	11.3	7.8	3.1	1.0	2.71	4.01	5.85
6	4.38	10.0	7.1	3.1	1.4	2.67	3.92	5.27
7	3.36	8.9	6.4	2.4	0.8	1.98	3.23	4.24
8	3.56	7.7	5.1	2.2	1.0	1.33	2.77	5.38
9	3.32	7.2	5.3	2.2	1.0	1.74	3.33	4.61
10	2.19	6.5	4.2	1.5	0.6	0.71	1.70	3.64
11	1.54	5.1	3.6	1.1	0.3	0.82	1.29	2.22
12	0.95	4.4	2.5	0.3	0.1	0.41	0.84	0.99
Summary	30.57	84.9	57.5	20.3	7.5	15.85	27.50	41.65

@ 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: 1140 ft. Lat: 41.777° N Lon: 96.233° W

Generated on 08/15/2016

Station: **TEKAMAH, NE US GHCND:USC00258480**

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	2.7	2.0	0.7	0.2	0.0	13.1	8.7	3.8	1.5	0.8	5.0	6.2
2	6.3	2.8	2.1	0.9	0.2	-7777	10.3	7.8	4.3	1.5	3.9	6.0	8.1
3	4.4	1.6	1.2	0.6	0.3	0.0	4.7	2.3	1.6	0.2	0.0	4.0	8.0
4	1.2	0.3	0.3	0.2	0.2	-7777	0.5	0.4	0.3	-7777	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.4	0.2	0.1	0.1	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
11	2.3	1.3	0.9	0.2	0.1	-7777	1.0	0.2	0.1	0.0	0.0	1.0	2.5
12	5.2	2.8	2.1	0.8	0.2	-7777	10.0	5.9	3.7	0.9	2.6	5.0	9.0
Summary	24.7	11.7	8.7	3.5	1.2	0.0	39.7	25.3	13.8	4.1	7.3	21.0	33.8

@ 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: 1140 ft. Lat: 41.777° N Lon: 96.233° W

Generated on 08/15/2016

Station: **TEKAMAH, NE US GHCND:USC00258480**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	14	92	301	645	920	1074	997	705	363	84	5
45	1	4	47	194	493	769	919	841	557	239	42	1
50	-7777	1	20	112	348	619	764	686	413	139	18	-7777
55	0	-7777	7	58	222	470	609	532	279	69	6	0
60	0	-7777	2	26	123	326	454	378	166	28	1	0
Growing Degree Units for Corn (Monthly)												
50/86	6	15	71	193	382	603	728	663	439	225	60	6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	19	111	412	1057	1977	3051	4048	4753	5116	5200	5205
45	1	5	52	246	739	1508	2427	3268	3825	4064	4106	4107
50	0	1	21	133	481	1100	1864	2550	2963	3102	3120	3120
55	0	0	7	65	287	757	1366	1898	2177	2246	2252	2252
60	0	0	2	28	151	477	931	1309	1475	1503	1504	1504
Growing Degree Units for Corn (Monthly)												
50/86	6	21	92	285	667	1270	1998	2661	3100	3325	3385	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: 1465 ft. Lat: 42.236° N Lon: 97.011° W

Generated on 08/15/2016

Station: **WAYNE, NE US GHCND:USC00259045**

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	30.8	10.2	20.5	6.7	5.6	6.0	0	0	0	0	0	0	1069	1131	1224	1379	0.0	0.0	2.6	16.1	30.6	7.6
2	35.3	14.8	25.1	7.0	5.9	6.3	-7777	-7777	-7777	0	0	0	839	894	978	1118	0.0	0.0	4.6	11.4	26.8	3.8
3	46.8	24.1	35.5	5.3	3.6	4.1	5	3	1	-7777	-7777	-7777	611	671	762	916	0.0	0.0	12.7	4.4	24.8	0.7
4	60.6	34.9	47.7	4.6	3.1	3.6	44	32	18	6	1	-7777	262	309	386	524	0.0	0.1	23.7	0.2	12.0	0.0
5	71.2	47.3	59.3	3.8	3.6	3.5	186	148	99	42	13	7	55	78	123	221	0.0	0.9	30.4	0.0	0.7	0.0
6	80.9	57.4	69.2	3.6	2.6	2.9	427	370	287	164	72	47	3	6	13	40	0.0	3.9	30.0	0.0	0.0	0.0
7	85.1	62.5	73.8	3.1	2.5	2.6	583	521	428	279	148	106	-7777	-7777	-7777	7	0.3	7.4	31.0	0.0	0.0	0.0
8	83.1	60.2	71.7	3.5	2.7	2.9	516	455	364	221	105	71	-7777	1	3	16	0.0	4.7	31.0	0.0	0.0	0.0
9	75.3	49.9	62.6	3.5	2.5	2.8	258	211	149	73	27	15	30	43	72	145	0.0	1.6	29.8	0.0	0.6	0.0
10	62.4	37.7	50.1	3.3	2.9	2.7	62	44	25	8	2	1	216	260	334	471	0.0	0.1	26.0	0.3	8.5	0.0
11	46.0	24.8	35.4	6.3	4.0	4.9	5	3	1	-7777	0	0	593	651	739	888	0.0	0.0	11.4	5.2	23.6	0.3
12	32.4	13.4	22.9	7.0	6.0	6.4	0	0	0	0	0	0	995	1057	1149	1305	0.0	0.0	2.9	14.2	30.4	4.4
Summary	59.2	36.4	47.8	4.8	3.8	4.1	2086	1787	1372	793	368	247	4673	5101	5783	7030	0.3	18.7	236.1	51.8	158.0	16.8

@ 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: 1465 ft. Lat: 42.236° N Lon: 97.011° W

Generated on 08/15/2016

Station: **WAYNE, NE US GHCND:USC00259045**

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	4.3	1.4	0.2	0.0	0.34	0.47	0.73
2	0.59	4.3	2.0	0.2	-7777	0.30	0.53	0.89
3	1.83	6.5	4.0	1.1	0.2	0.80	1.55	2.70
4	3.13	8.5	5.9	2.1	0.9	1.78	2.71	4.06
5	4.13	10.1	7.9	2.7	0.9	2.35	4.20	5.26
6	4.26	9.3	7.3	3.1	1.2	3.00	4.31	5.74
7	2.98	7.9	5.6	2.0	0.7	1.69	2.50	4.10
8	3.00	7.3	5.1	1.8	0.7	1.23	2.69	3.99
9	2.65	6.5	4.9	2.0	0.5	1.67	2.38	3.87
10	2.22	6.1	4.3	1.5	0.5	0.98	1.67	3.05
11	1.36	4.8	3.1	0.9	0.2	0.51	1.12	2.09
12	0.71	4.9	2.0	0.4	-7777	0.29	0.51	0.95
Summary	27.40	80.5	53.5	18.0	5.8	14.94	24.64	37.43

@ 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: 1465 ft. Lat: 42.236° N Lon: 97.011° W

Generated on 08/15/2016

Station: **WAYNE, NE US GHCND:USC00259045**

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	6.2	3.4	2.5	0.8	0.4	-7777	15.0	8.8	5.9	1.5	3.4	6.0	7.7
2	6.2	3.1	2.0	0.8	0.3	-7777	12.5	7.3	5.3	1.9	2.2	5.0	8.0
3	6.0	2.3	1.7	0.6	0.3	0.1	5.8	2.9	1.7	0.4	0.5	4.9	10.0
4	2.6	0.8	0.7	0.3	0.1	-7777	0.8	0.5	0.3	-7777	0.0	0.3	4.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.5	0.2	0.1	0.1	-7777	0.0	0.2	-7777	0.0	0.0	0.0	0.0	0.0
11	3.5	1.8	1.3	0.4	0.1	0.1	3.5	1.2	0.4	0.1	0.5	2.8	5.0
12	6.4	3.8	2.5	0.9	0.4	-7777	13.2	5.5	2.5	0.3	2.0	5.6	9.0
Summary	31.4	15.4	10.8	3.9	1.6	0.2	51.0	26.2	16.1	4.2	8.6	24.6	44.2

@ 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: 1465 ft. Lat: 42.236° N Lon: 97.011° W

Generated on 08/15/2016

Station: **WAYNE, NE US GHCND:USC00259045**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	14	81	270	597	874	1048	981	678	337	77	5
45	1	4	40	167	445	724	893	826	530	220	40	1
50	-7777	1	16	93	304	575	738	671	388	125	17	-7777
55	0	-7777	5	44	186	427	583	516	258	62	5	0
60	0	-7777	1	18	99	287	428	364	149	25	1	0
Growing Degree Units for Corn (Monthly)												
50/86	8	15	69	185	358	564	703	650	422	215	58	7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	19	100	370	967	1841	2889	3870	4548	4885	4962	4967
45	1	5	45	212	657	1381	2274	3100	3630	3850	3890	3891
50	0	1	17	110	414	989	1727	2398	2786	2911	2928	2928
55	0	0	5	49	235	662	1245	1761	2019	2081	2086	2086
60	0	0	1	19	118	405	833	1197	1346	1371	1372	1372
Growing Degree Units for Corn (Monthly)												
50/86	8	23	92	277	635	1199	1902	2552	2974	3189	3247	3254

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

M indicates the value is missing

-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: 1445 ft. Lat: 42.282° N Lon: 96.726° W

Generated on 08/15/2016

Station: **EMERSON, NE US GHCND:USC00252715**

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	0.64	4.0	2.1	0.3	-7777	0.33	0.49	0.81
2	0.69	3.9	2.1	0.3	0.1	0.39	0.65	1.06
3	2.07	6.3	4.7	1.3	0.5	0.79	1.92	3.07
4	3.35	8.8	6.3	2.3	0.9	1.83	3.06	4.40
5	4.21	9.8	7.6	2.9	1.0	2.88	4.05	6.04
6	4.44	9.5	7.3	2.9	1.5	2.28	4.16	6.89
7	3.38	7.9	5.8	2.2	1.0	2.09	3.17	4.21
8	3.09	7.6	5.6	1.9	0.9	1.86	2.67	4.15
9	3.22	7.2	5.1	2.0	0.9	1.98	2.89	4.21
10	2.39	6.4	4.3	1.7	0.5	1.01	1.96	3.41
11	1.36	5.0	3.0	0.8	0.2	0.70	1.31	1.99
12	0.79	4.6	2.2	0.4	0.1	0.35	0.65	0.94
Summary	29.63	81.0	56.1	19.0	7.6	16.49	26.98	41.18

@ 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: 1445 ft. Lat: 42.282° N Lon: 96.726° W

Generated on 08/15/2016

Station: **EMERSON, NE US GHCND:USC00252715**

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	6.9	3.1	2.1	0.8	0.4	-7777	13.1	7.5	3.1	0.5	3.2	6.3	10.0
2	6.6	2.7	1.9	0.6	0.2	0.1	10.2	5.8	3.4	1.1	3.0	5.5	8.0
3	6.1	2.4	1.8	0.8	0.2	0.1	3.9	2.1	1.2	0.2	1.2	3.4	8.7
4	1.7	0.7	0.6	0.3	0.1	0.0	1.0	0.5	0.2	0.0	0.0	0.0	2.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	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	0.2	0.2	-7777	-7777	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
11	3.8	1.8	1.3	0.3	0.1	-7777	3.2	1.0	0.3	0.1	0.8	2.5	6.5
12	6.4	3.3	2.1	0.8	0.3	-7777	11.7	5.3	1.8	0.2	1.5	4.8	8.6
Summary	32.0	14.2	10.0	3.6	1.3	0.2	43.3	22.3	10.0	2.1	9.7	22.5	43.8

@ 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: 1460 ft. Lat: 42.380° N Lon: 96.958° W

Generated on 08/15/2016

Station: **HASKELL AGRICULTURAL LAB, NE US GHCND:USC00253652**

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	30.9	9.2	20.1				0	0	0	0	0	0	1083	1145	1238	1393	0.0	0.0	0.7	14.6	30.6	7.4
2	35.8	13.1	24.5				0	0	0	0	0	0	855	911	995	1135	0.0	0.0	2.7	10.7	27.3	4.8
3	47.0	22.1	34.6				1	1	-7777	0	0	0	635	697	789	944	0.0	0.0	12.3	2.0	26.4	1.6
4	61.1	33.6	47.4				20	13	6	1	0	0	250	302	386	531	0.0	0.0	26.3	0.0	13.0	0.0
5	72.0	47.0	59.5				171	125	72	29	10	5	32	47	87	199	0.0	1.0	31.0	0.0	0.0	0.0
6	81.5	58.0	69.8				442	383	294	160	52	24	-7777	-7777	2	18	0.0	1.0	30.0	0.0	0.0	0.0
7	85.4	62.3	73.9				584	522	429	277	136	88	0	0	-7777	3	0.0	5.3	31.0	0.0	0.0	0.0
8	83.6	60.1	71.9				522	460	369	221	94	59	-7777	-7777	2	8	0.0	1.8	31.0	0.0	0.0	0.0
9	76.1	49.1	62.6				242	192	129	54	16	9	14	24	51	126	0.0	0.5	30.0	0.0	0.3	0.0
10	63.5	36.1	49.8				47	32	16	5	-7777	0	208	255	332	476	0.0	0.0	26.3	0.0	10.9	0.0
11	46.6	23.8	35.2				-7777	-7777	0	0	0	0	594	654	744	894	0.0	0.0	10.3	1.5	25.1	0.0
12	33.1	11.7	22.4				0	0	0	0	0	0	1010	1072	1165	1320	0.0	0.0	1.3	14.6	31.0	2.8
Summary	59.7	35.5	47.6				2029	1728	1315	747	308	185	4681	5107	5791	7047	0	9.6	232.9	43.4	164.6	16.6

@ 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: 1460 ft. Lat: 42.380° N Lon: 96.958° W

Generated on 08/15/2016

Station: **HASKELL AGRICULTURAL LAB, NE US GHCND:USC00253652**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1	7	47	244	604	892	1049	986	678	318	52	2
45	-7777	2	17	137	450	742	894	831	528	197	22	-7777
50	0	0	4	60	304	591	739	676	380	106	5	-7777
55	0	0	1	20	171	442	584	522	242	47	-7777	0
60	0	0	-7777	6	72	294	429	369	129	16	0	0
Growing Degree Units for Corn (Monthly)												
50/86	1	7	51	180	357	584	716	665	431	222	45	3

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1	8	55	299	903	1795	2844	3830	4508	4826	4878	4880
45	0	2	19	156	606	1348	2242	3073	3601	3798	3820	3820
50	0	0	4	64	368	959	1698	2374	2754	2860	2865	2865
55	0	0	1	21	192	634	1218	1740	1982	2029	2029	2029
60	0	0	0	6	78	372	801	1170	1299	1315	1315	1315
Growing Degree Units for Corn (Monthly)												
50/86	1	8	59	239	596	1180	1896	2561	2992	3214	3259	3262

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: 1775 ft. Lat: 42.294° N Lon: 97.365° W

Generated on 08/15/2016

Station: **RANDOLPH, NE US GHCND:USC00257032**

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	4.0	1.4	0.1	0.0	0.21	0.45	0.60
2	0.59	3.9	1.8	0.2	0.0	0.28	0.50	0.71
3	1.68	5.9	4.1	1.1	0.3	0.68	1.30	2.37
4	2.77	8.0	5.5	1.6	0.7	1.43	2.41	3.87
5	3.83	9.0	7.2	2.9	1.0	2.75	3.94	4.62
6	3.99	9.1	6.9	2.4	1.4	2.42	3.72	5.70
7	2.86	6.7	5.5	1.8	0.7	1.46	2.45	3.63
8	3.17	6.9	5.1	1.7	1.0	1.33	2.48	4.69
9	2.69	6.3	4.6	1.8	0.7	1.47	2.50	3.64
10	2.25	6.1	4.1	1.5	0.6	0.82	1.82	3.45
11	1.32	4.8	3.1	0.8	0.2	0.52	1.07	2.10
12	0.87	4.7	2.0	0.4	0.1	0.28	0.51	1.27
Summary	26.49	75.4	51.3	16.3	6.7	13.65	23.15	36.65

@ 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: 1775 ft. Lat: 42.294° N Lon: 97.365° W

Generated on 08/15/2016

Station: **RANDOLPH, NE US GHCND:USC00257032**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.3	3.1	2.1	0.6	0.2	0.0	15.8	10.3	6.7	1.5	1.5	5.5	8.0
2	4.9	2.7	2.2	0.6	0.1	0.0	12.6	8.9	5.9	1.8	2.5	4.0	6.5
3	5.1	2.4	2.1	0.7	0.2	-7777	6.7	3.6	1.9	0.5	1.0	4.0	6.8
4	3.1	1.1	0.9	0.5	0.3	-7777	1.4	0.5	0.3	0.0	0.0	0.8	5.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.7	0.4	0.3	0.1	-7777	0.0	0.4	-7777	0.0	0.0	0.0	0.0	0.0
11	3.9	2.1	1.7	0.6	0.2	-7777	4.5	2.0	1.1	0.1	1.0	2.3	6.0
12	6.2	3.4	2.4	0.7	0.2	-7777	14.8	7.7	3.7	1.4	2.7	4.2	7.2
Summary	29.2	15.2	11.7	3.8	1.2	0.0	56.2	33.0	19.6	5.3	8.7	20.8	40.0

@ 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: 1580 ft. Lat: 41.829° N Lon: 97.450° W

Generated on 08/15/2016

Station: **MADISON 2 W, NE US GHCND:USC00255080**

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	10.5	21.3	6.9	5.1	5.8	0	0	0	0	0	0	1043	1105	1198	1353	0.0	0.0	3.6	14.8	30.8	6.3
2	36.1	15.1	25.6	7.0	5.4	6.0	-7777	-7777	-7777	0	0	0	823	879	963	1103	0.0	0.0	5.3	10.6	26.8	4.1
3	47.6	24.5	36.0	5.4	3.5	4.0	5	3	1	-7777	-7777	-7777	592	652	743	898	0.0	0.0	13.8	3.9	23.9	0.5
4	60.9	35.5	48.2	4.6	3.4	3.6	50	36	21	8	2	1	254	300	375	512	0.0	0.4	23.5	0.4	10.4	0.0
5	71.6	47.3	59.4	3.6	3.5	3.3	191	151	100	41	12	6	53	75	117	213	0.0	0.7	30.4	0.0	0.9	0.0
6	81.1	57.8	69.5	3.2	3.1	2.9	436	379	296	172	79	53	3	6	13	39	0.1	3.9	30.0	0.0	0.0	0.0
7	85.2	62.4	73.8	2.7	2.4	2.3	583	521	428	279	148	104	-7777	-7777	-7777	6	0.3	7.4	31.0	0.0	0.0	0.0
8	83.1	60.4	71.8	3.0	2.7	2.7	519	458	367	225	108	72	-7777	1	3	16	0.1	5.4	31.0	0.0	0.0	0.0
9	76.0	49.9	62.9	3.5	2.8	2.8	267	221	158	78	30	17	29	42	69	140	0.0	1.9	29.6	0.0	0.9	0.0
10	63.4	36.8	50.1	3.8	3.1	3.0	57	39	21	6	1	1	209	253	328	468	0.0	0.2	26.6	0.2	9.6	0.0
11	46.8	24.7	35.7	6.2	4.1	4.8	4	2	1	-7777	0	0	581	640	728	878	0.0	0.0	12.5	4.5	23.9	0.3
12	33.7	13.2	23.4	6.6	5.8	6.0	-7777	0	0	0	0	0	978	1040	1133	1288	0.0	0.0	3.6	13.3	30.4	4.3
Summary	59.8	36.5	48.1	4.7	3.7	3.9	2112	1810	1393	809	380	254	4565	4993	5670	6914	0.5	19.9	240.9	47.7	157.6	15.5

@ 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: 1580 ft. Lat: 41.829° N Lon: 97.450° W

Generated on 08/15/2016

Station: **MADISON 2 W, NE US GHCND:USC00255080**

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	3.5	1.6	0.3	-7777	0.21	0.54	0.73
2	0.73	3.7	2.1	0.4	0.1	0.31	0.57	1.04
3	1.87	5.5	3.7	1.1	0.4	0.76	1.32	2.85
4	2.76	7.2	5.3	1.7	0.7	1.35	2.20	3.81
5	4.17	9.8	7.7	3.1	1.1	2.91	4.05	5.52
6	4.57	9.6	7.0	3.2	1.4	2.52	3.54	5.90
7	3.30	7.8	5.9	2.2	1.1	1.59	2.88	4.54
8	3.44	6.9	4.9	1.9	1.0	1.70	3.20	4.72
9	2.67	6.6	4.1	1.5	0.7	1.30	2.71	3.94
10	2.42	6.4	4.2	1.5	0.7	0.70	1.66	3.75
11	1.47	3.6	2.7	1.0	0.4	0.48	1.10	2.59
12	0.78	4.1	2.5	0.3	-7777	0.27	0.48	0.93
Summary	28.76	74.7	51.7	18.2	7.6	14.10	24.25	40.32

@ 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: 1580 ft. Lat: 41.829° N Lon: 97.450° W

Generated on 08/15/2016

Station: **MADISON 2 W, NE US GHCND:USC00255080**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	14	84	280	603	883	1048	984	689	337	77	6
45	1	4	39	175	452	733	893	829	541	218	38	1
50	-7777	-7777	15	99	311	584	738	674	399	122	15	-7777
55	0	-7777	5	50	191	436	583	519	267	57	4	-7777
60	0	-7777	1	21	100	296	428	367	158	21	1	0
Growing Degree Units for Corn (Monthly)												
50/86	10	18	75	190	366	573	704	655	436	226	62	9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	18	102	382	985	1868	2916	3900	4589	4926	5003	5009
45	1	5	44	219	671	1404	2297	3126	3667	3885	3923	3924
50	0	0	15	114	425	1009	1747	2421	2820	2942	2957	2957
55	0	0	5	55	246	682	1265	1784	2051	2108	2112	2112
60	0	0	1	22	122	418	846	1213	1371	1392	1393	1393
Growing Degree Units for Corn (Monthly)												
50/86	10	28	103	293	659	1232	1936	2591	3027	3253	3315	3324

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: 1575 ft. Lat: 42.196° N Lon: 97.521° W

Generated on 08/15/2016

Station: **PIERCE, NE US GHCND:USC00256720**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.49	4.3	1.6	0.1	0.0	0.30	0.51	0.62
2	0.67	4.5	2.4	0.3	0.0	0.27	0.65	0.92
3	2.03	6.8	3.8	1.1	0.1	0.97	1.72	2.85
4	2.90	8.6	5.9	1.9	0.8	1.64	2.59	4.09
5	4.12	9.6	7.1	2.7	1.0	3.02	3.95	5.27
6	4.17	10.1	7.6	2.9	1.1	2.46	3.97	5.24
7	2.84	7.7	5.8	2.3	1.0	1.46	2.13	3.58
8	4.20	8.6	6.1	2.4	1.4	2.75	4.31	5.22
9	2.97	6.2	4.5	2.0	1.0	1.25	2.93	4.33
10	2.30	6.6	3.9	1.8	0.8	0.91	1.66	3.54
11	1.33	4.5	2.8	0.8	0.2	0.57	0.99	2.19
12	0.88	4.6	2.4	0.2	0.2	0.32	0.72	1.16
Summary	28.90	82.1	53.9	18.5	7.6	15.92	26.13	39.01

@ 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: 1575 ft. Lat: 42.196° N Lon: 97.521° W

Generated on 08/15/2016

Station: **PIERCE, NE US GHCND:USC00256720**

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	5.5	3.3	1.8	0.6	0.2	0.0	14.5	12.2	6.6	2.3	2.7	5.6	6.8
2	5.5	3.2	1.8	0.7	0.2	0.0	13.8	10.2	6.4	2.1	2.7	5.2	6.7
3	4.8	3.1	1.7	0.4	0.2	0.1	6.6	3.6	1.7	0.3	0.8	2.9	6.7
4	2.6	1.0	0.7	0.4	0.1	0.0	1.0	0.3	0.1	0.0	0.0	0.3	4.0
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	0.2	0.3	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
11	3.4	1.7	1.2	0.4	0.2	0.0	3.4	1.7	0.8	0.0	0.9	2.0	5.4
12	6.6	3.3	2.1	0.7	0.4	0.1	13.2	7.2	4.3	1.0	1.4	4.0	10.4
Summary	28.6	15.9	9.5	3.2	1.3	0.2	52.7	35.2	19.9	5.7	8.5	20.0	40.0

@ 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: 1234 ft. Lat: 42.747° N Lon: 98.047° W

Generated on 08/15/2016

Station: **NIOBRARA, NE US GHCND:USC00255960**

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	13.1	23.9	6.9	6.1	6.4	-7777	0	0	0	0	0	965	1028	1120	1275	0.0	0.0	4.2	12.7	29.4	5.8
2	39.2	17.4	28.3	7.4	6.1	6.6	-7777	-7777	-7777	0	0	0	748	804	887	1027	0.0	0.0	7.0	8.7	25.2	3.2
3	51.0	26.8	38.9	5.6	3.8	4.4	10	6	2	-7777	-7777	-7777	509	567	656	809	0.0	0.0	16.8	3.1	21.1	0.4
4	64.5	38.0	51.3	4.9	3.1	3.8	77	59	38	16	6	4	190	232	300	428	0.0	0.9	25.6	0.1	8.2	0.0
5	74.9	49.0	62.0	3.3	3.0	2.9	246	199	137	61	20	11	31	46	76	156	0.0	1.4	30.9	0.0	0.7	0.0
6	84.1	58.7	71.4	3.4	2.8	2.9	493	434	347	214	109	77	1	2	5	22	0.5	7.5	30.0	0.0	0.0	0.0
7	89.1	64.1	76.6	3.5	2.5	2.8	669	607	515	361	219	168	0	0	-7777	2	1.7	13.6	31.0	0.0	0.0	0.0
8	87.2	62.6	74.9	3.1	2.4	2.6	617	555	463	313	179	133	-7777	-7777	1	7	0.7	10.4	31.0	0.0	0.0	0.0
9	79.0	52.7	65.9	3.4	2.4	2.7	343	292	221	124	57	38	17	26	45	99	-7777	4.2	29.8	0.0	0.4	0.0
10	65.3	39.9	52.6	3.9	2.5	2.8	85	61	35	12	3	1	159	198	265	396	0.0	0.4	28.2	0.2	7.3	0.0
11	48.3	27.0	37.7	6.8	4.2	5.3	8	4	2	-7777	0	0	528	585	672	821	0.0	0.0	13.9	3.4	20.2	0.4
12	35.3	15.4	25.4	7.1	5.9	6.3	-7777	0	0	0	0	0	919	981	1074	1229	0.0	0.0	4.8	11.7	29.4	3.5
Summary	62.7	38.7	50.7	4.9	3.7	4.1	2548	2217	1760	1101	593	432	4067	4469	5101	6271	2.9	38.4	253.2	39.9	141.9	13.3

@ 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: 1234 ft. Lat: 42.747° N Lon: 98.047° W

Generated on 08/15/2016

Station: **NIORARA, NE US GHCND:USC00255960**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.45	3.2	1.3	0.2	0.0	0.21	0.42	0.62
2	0.63	3.4	1.4	0.1	0.1	0.15	0.54	0.99
3	1.43	6.0	3.5	0.9	0.2	0.60	1.07	2.26
4	2.89	9.0	5.4	1.9	0.7	1.60	2.51	4.35
5	3.54	9.7	6.5	2.0	0.9	1.75	3.43	5.04
6	3.52	9.6	6.1	2.2	0.7	2.24	3.24	5.03
7	2.93	8.3	5.2	2.0	0.8	1.28	1.88	4.21
8	2.70	7.4	4.8	1.6	0.6	1.68	3.13	3.61
9	2.42	7.0	4.4	1.3	0.4	1.32	2.17	3.17
10	2.07	6.3	3.5	1.2	0.5	0.60	1.27	3.56
11	1.08	5.0	2.9	0.6	0.2	0.37	0.85	1.53
12	0.45	3.3	1.1	-7777	0.0	0.13	0.35	0.57
Summary	24.11	78.2	46.1	14.0	5.1	11.93	20.86	34.94

@ 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: 1234 ft. Lat: 42.747° N Lon: 98.047° W

Generated on 08/15/2016

Station: **NIOBRARA, NE US GHCND:USC00255960**

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	2.5	1.8	0.7	0.3	-7777	16.0	10.6	6.6	1.1	2.0	4.5	8.0
2	5.5	2.3	1.8	0.8	0.3	-7777	11.5	7.6	6.4	2.9	1.5	3.5	8.5
3	5.0	2.2	1.8	0.8	0.2	-7777	6.7	4.4	2.7	0.4	0.5	4.3	6.0
4	2.3	0.9	0.8	0.4	0.2	0.0	1.0	0.4	0.3	0.0	0.0	0.3	5.0
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	0.8	0.3	0.3	0.1	0.1	0.0	0.3	0.2	0.1	-7777	0.0	0.0	0.0
11	5.2	2.0	1.8	0.7	0.3	-7777	6.7	3.1	1.5	0.2	1.5	3.0	9.0
12	4.5	2.4	2.0	0.6	0.2	0.0	14.3	8.0	3.9	1.5	0.5	3.3	6.5
Summary	28.5	12.6	10.3	4.1	1.6	0.0	56.5	34.3	21.5	6.1	6.0	18.9	43.0

@ 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: 1234 ft. Lat: 42.747° N Lon: 98.047° W

Generated on 08/15/2016

Station: **NIOBRARA, NE US GHCND:USC00255960**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	27	125	357	680	942	1134	1081	775	406	105	9
45	3	9	65	238	527	792	979	926	627	275	55	2
50	-7777	2	28	141	378	642	824	772	481	165	24	-7777
55	-7777	-7777	10	77	246	493	669	617	343	85	8	-7777
60	0	-7777	2	38	137	347	515	463	221	35	2	0
Growing Degree Units for Corn (Monthly)												
50/86	14	27	99	237	425	614	754	721	496	256	73	12

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	39	164	521	1201	2143	3277	4358	5133	5539	5644	5653
45	3	12	77	315	842	1634	2613	3539	4166	4441	4496	4498
50	0	2	30	171	549	1191	2015	2787	3268	3433	3457	3457
55	0	0	10	87	333	826	1495	2112	2455	2540	2548	2548
60	0	0	2	40	177	524	1039	1502	1723	1758	1760	1760
Growing Degree Units for Corn (Monthly)												
50/86	14	41	140	377	802	1416	2170	2891	3387	3643	3716	3728

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: 1855 ft. Lat: 42.320° N Lon: 98.093° W

Generated on 08/15/2016

Station: **ROYAL 2 SE, NE US GHCND:USC00257351**

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	0.60	4.1	1.9	0.3	0.0	0.27	0.57	0.86
2	0.96	4.6	3.4	0.5	0.1	0.50	0.88	1.28
3	2.22	6.0	4.9	0.9	0.3	0.80	2.08	3.15
4	3.48	8.9	7.8	2.7	1.2	1.71	3.48	4.81
5	4.26	8.1	6.8	2.6	1.1	2.74	3.47	5.19
6	4.14	7.6	7.0	3.1	1.1	2.31	3.96	5.75
7	3.11	5.1	4.6	1.9	0.4	1.92	2.86	4.08
8	2.83	5.3	4.5	2.1	1.1	1.75	2.48	4.21
9	2.60	4.5	4.1	2.0	0.9	1.41	2.33	3.43
10	2.36	5.5	4.6	1.7	0.8	0.76	1.59	3.95
11	1.32	3.3	2.6	0.9	0.3	0.55	1.08	1.62
12	0.94	4.1	2.4	0.4	0.1	0.27	0.78	1.16
Summary	28.82	67.1	54.6	19.1	7.4	14.99	25.56	39.49

@ 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: 1855 ft. Lat: 42.320° N Lon: 98.093° W

Generated on 08/15/2016

Station: **ROYAL 2 SE, NE US GHCND:USC00257351**

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	8.8	3.4	3.1	0.8	0.5	0.1	19.1	13.6	8.7	2.2	5.5	7.5	12.8
2	11.1	3.6	3.4	1.4	0.7	0.2	14.6	11.7	10.0	5.4	7.9	10.0	14.5
3	10.4	3.9	3.7	1.6	0.6	0.1	10.9	7.6	5.6	2.6	5.1	8.6	13.0
4	7.0	1.4	1.4	0.9	0.5	0.1	2.5	1.8	1.1	0.2	0.0	6.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.6	0.6	0.6	0.3	0.1	0.0	1.1	0.6	0.1	0.0	0.0	0.0	3.1
11	4.2	1.5	1.5	0.7	0.4	0.1	4.6	3.1	2.2	0.4	0.0	2.4	5.9
12	9.4	3.8	3.5	1.5	0.4	0.0	17.1	12.7	7.6	1.6	4.0	8.0	12.9
Summary	52.5	18.2	17.2	7.2	3.2	0.6	69.9	51.1	35.3	12.4	22.5	42.5	77.2

@ 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: 1280 ft. Lat: 42.150° N Lon: 96.476° W

Generated on 08/15/2016

Station: **WALTHILL, NE US GHCND:USC00258935**

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	30.8	10.6	20.7	6.7	5.8	6.1	-7777	0	0	0	0	0	1063	1125	1218	1373	0.0	0.0	2.0	15.6	30.6	7.2
2	35.5	14.5	25.0	6.8	6.3	6.3	-7777	-7777	-7777	0	0	0	840	896	980	1120	0.0	0.0	4.6	11.2	26.2	4.5
3	47.5	24.6	36.0	5.5	3.4	4.1	6	3	1	-7777	-7777	-7777	593	652	744	898	0.0	0.0	13.2	4.1	23.9	0.7
4	61.7	36.3	49.0	4.8	3.5	3.9	58	44	27	10	2	1	238	284	357	490	0.0	0.2	24.4	0.3	10.2	0.0
5	73.1	49.1	61.1	3.8	3.2	3.2	228	184	127	57	19	10	39	57	93	178	0.0	1.0	30.6	0.0	0.8	0.0
6	82.5	59.4	71.0	3.4	2.6	2.8	480	421	335	203	98	68	1	3	7	25	0.2	4.1	30.0	0.0	0.0	0.0
7	86.6	64.0	75.3	3.3	2.5	2.7	629	567	474	322	184	137	-7777	-7777	-7777	3	0.6	9.5	31.0	0.0	0.0	0.0
8	84.1	61.3	72.7	3.4	2.9	3.1	549	487	396	252	129	90	-7777	-7777	-7777	2	0.1	6.1	31.0	0.0	0.0	0.0
9	77.3	51.1	64.2	3.4	2.6	2.7	299	250	184	98	40	25	24	34	58	122	0.0	2.2	29.8	0.0	1.0	0.0
10	63.7	37.8	50.7	3.9	2.9	2.9	67	48	28	9	2	1	199	242	314	451	0.0	0.1	26.8	0.2	9.3	0.0
11	46.7	25.4	36.0	6.3	4.3	5.0	4	2	1	-7777	0	0	573	631	720	869	0.0	0.0	12.2	4.0	22.4	0.4
12	31.9	13.4	22.7	6.7	6.1	6.2	-7777	0	0	0	0	0	1002	1064	1158	1313	0.0	0.0	2.0	14.5	29.9	4.8
Summary	60.1	37.3	48.7	4.8	3.8	4.1	2320	2006	1573	951	474	332	4572	4988	5651	6856	0.9	23.2	237.6	49.9	154.3	17.6

@ 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: 1280 ft. Lat: 42.150° N Lon: 96.476° W

Generated on 08/15/2016

Station: **WALTHILL, NE US GHCND:USC00258935**

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	0.68	3.7	2.2	0.2	0.0	0.28	0.68	1.01
2	0.79	3.7	2.3	0.4	0.1	0.37	0.77	1.01
3	2.15	6.0	4.4	1.5	0.4	1.10	1.80	2.94
4	3.27	7.8	5.7	2.4	1.1	1.65	2.79	3.94
5	4.00	9.6	7.0	3.0	0.9	2.87	3.58	5.54
6	4.49	9.4	7.2	3.0	1.3	2.56	3.55	6.51
7	3.73	8.0	6.0	2.7	0.9	1.64	3.06	4.90
8	3.09	7.2	5.2	2.0	0.9	1.63	2.91	4.23
9	2.88	6.8	5.0	1.9	0.7	1.27	2.69	3.97
10	2.13	5.6	4.3	1.5	0.6	0.80	2.10	3.32
11	1.61	4.2	3.1	1.0	0.3	0.66	1.27	2.28
12	0.95	4.1	2.9	0.5	0.1	0.51	0.77	1.18
Summary	29.77	76.1	55.3	20.1	7.3	15.34	25.97	40.83

@ 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: 1280 ft. Lat: 42.150° N Lon: 96.476° W

Generated on 08/15/2016

Station: **WALTHILL, NE US GHCND:USC00258935**

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	5.4	3.0	2.2	0.7	0.3	-7777	15.6	8.9	5.0	1.7	2.5	4.7	8.0
2	6.8	2.6	2.2	0.9	0.5	-7777	13.7	9.2	6.1	2.2	2.7	6.5	10.0
3	5.7	2.0	1.6	0.7	0.5	0.1	5.5	3.1	1.6	0.3	2.0	3.1	10.0
4	2.4	0.8	0.8	0.4	0.1	0.0	0.8	0.5	0.3	-7777	0.0	0.3	4.0
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	0.2	0.2	0.1	-7777	0.0	0.2	0.1	-7777	0.0	0.0	0.0	0.0
11	4.4	2.0	1.5	0.5	0.2	-7777	3.5	1.7	1.1	0.5	0.9	2.2	7.0
12	6.7	3.2	2.4	0.9	0.4	-7777	13.0	7.0	3.1	0.6	3.0	5.3	8.9
Summary	32.1	13.8	10.9	4.2	2.0	0.1	52.3	30.5	17.2	5.3	11.1	22.1	47.9

@ 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: 1280 ft. Lat: 42.150° N Lon: 96.476° W

Generated on 08/15/2016

Station: **WALTHILL, NE US GHCND:USC00258935**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	14	83	301	654	928	1094	1013	726	355	79	3
45	-7777	4	40	194	502	778	939	858	578	233	39	1
50	-7777	1	16	112	356	628	784	703	434	135	16	-7777
55	-7777	-7777	6	58	228	480	629	549	299	67	4	-7777
60	0	-7777	1	27	127	335	474	396	184	28	1	0
Growing Degree Units for Corn (Monthly)												
50/86	6	15	70	202	403	613	739	679	468	235	58	5

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	17	100	401	1055	1983	3077	4090	4816	5171	5250	5253
45	0	4	44	238	740	1518	2457	3315	3893	4126	4165	4166
50	0	1	17	129	485	1113	1897	2600	3034	3169	3185	3185
55	0	0	6	64	292	772	1401	1950	2249	2316	2320	2320
60	0	0	1	28	155	490	964	1360	1544	1572	1573	1573
Growing Degree Units for Corn (Monthly)												
50/86	6	21	91	293	696	1309	2048	2727	3195	3430	3488	3493

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: 1028 ft. Lat: 41.764° N Lon: 96.178° W

Generated on 08/15/2016

Station: **TEKAMAH MUNICIPAL AIRPORT, NE US GHCND:USW00094978**

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	31.9	12.0	21.9	6.8	5.2	5.8	-7777	0	0	0	0	0	1024	1086	1179	1334	0.0	0.0	2.4	15.0	30.6	6.0
2	36.5	16.5	26.5	6.8	5.8	6.1	-7777	-7777	-7777	0	0	0	798	854	938	1078	0.0	0.0	4.3	9.8	25.7	3.5
3	48.8	27.4	38.1	5.2	3.2	3.9	9	6	2	-7777	-7777	-7777	533	592	681	834	0.0	0.0	14.4	2.8	21.3	0.5
4	63.5	38.3	50.9	4.7	2.9	3.5	63	44	25	8	1	-7777	186	227	298	431	0.0	0.4	26.1	0.0	7.3	0.0
5	74.2	50.3	62.3	4.4	3.1	3.5	250	204	142	68	25	16	26	41	72	153	0.0	1.5	30.9	0.0	0.4	0.0
6	83.4	60.2	71.8	3.0	2.7	2.7	504	445	358	222	109	74	1	2	4	18	0.1	6.2	30.0	0.0	0.0	0.0
7	87.0	64.1	75.6	2.9	2.3	2.4	637	575	482	330	187	137	-7777	-7777	-7777	3	0.3	9.8	31.0	0.0	0.0	0.0
8	84.3	61.4	72.9	3.4	2.8	2.9	553	491	399	251	122	85	-7777	-7777	1	7	0.1	5.7	31.0	0.0	0.0	0.0
9	77.9	51.1	64.5	3.5	2.4	2.7	302	251	182	93	37	23	17	26	47	108	0.1	2.5	30.0	0.0	0.4	0.0
10	64.1	38.8	51.5	3.6	2.7	2.7	76	56	34	14	5	3	186	229	300	434	0.0	0.5	27.3	0.0	8.6	0.0
11	47.8	26.7	37.2	6.4	3.8	4.9	6	4	1	-7777	0	0	539	596	684	833	0.0	0.0	13.0	3.4	21.6	0.0
12	33.4	14.8	24.1	6.7	6.7	6.5	-7777	-7777	0	0	0	0	958	1019	1112	1267	0.0	0.0	3.0	12.7	29.5	4.2
Summary	61.1	38.5	49.8	4.8	3.6	4.0	2400	2076	1625	986	486	338	4268	4672	5316	6500	0.6	26.6	243.4	43.7	145.4	14.2

@ 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: 1028 ft. Lat: 41.764° N Lon: 96.178° W

Generated on 08/15/2016

Station: **TEKAMAH MUNICIPAL AIRPORT, NE US GHCND:USW00094978**

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	0.43	@	@	@	@			
2	0.47	@	@	@	@			
3	2.01	@	@	@	@			
4	3.28	@	@	@	@			
5	4.10	@	@	@	@			
6	4.53	@	@	@	@			
7	3.69	@	@	@	@			
8	3.69	@	@	@	@			
9	3.04	@	@	@	@			
10	2.00	@	@	@	@			
11	1.40	@	@	@	@			
12	0.89	@	@	@	@			
Summary	29.53	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: 1028 ft. Lat: 41.764° N Lon: 96.178° W

Generated on 08/15/2016

Station: **TEKAMAH MUNICIPAL AIRPORT, NE US GHCND:USW00094978**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	17	101	346	690	954	1102	1018	735	371	89	5
45	1	5	50	226	535	804	947	863	586	246	44	1
50	-7777	1	23	130	385	654	792	708	439	146	19	-7777
55	-7777	-7777	9	63	250	504	637	553	302	76	6	-7777
60	0	-7777	2	25	142	358	482	399	182	34	1	0
Growing Degree Units for Corn (Monthly)												
50/86	7	15	77	220	420	629	747	683	468	241	67	6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	22	123	469	1159	2113	3215	4233	4968	5339	5428	5433
45	1	6	56	282	817	1621	2568	3431	4017	4263	4307	4308
50	0	1	24	154	539	1193	1985	2693	3132	3278	3297	3297
55	0	0	9	72	322	826	1463	2016	2318	2394	2400	2400
60	0	0	2	27	169	527	1009	1408	1590	1624	1625	1625
Growing Degree Units for Corn (Monthly)												
50/86	7	22	99	319	739	1368	2115	2798	3266	3507	3574	3580

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: 1408 ft. Lat: 42.617° N Lon: 97.261° W

Generated on 08/15/2016

Station: **HARTINGTON, NE US GHCND:USC00253630**

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	30.8	10.3	20.6	6.8	6.2	6.4	-7777	0	0	0	0	0	1068	1130	1223	1378	0.0	0.0	2.5	15.7	30.5	7.6
2	35.6	14.0	24.8	7.2	6.2	6.5	-7777	-7777	-7777	0	0	0	846	901	985	1125	0.0	0.0	4.8	11.2	26.5	4.5
3	46.6	23.8	35.2	5.7	3.9	4.4	4	2	1	-7777	-7777	0	617	678	769	924	0.0	0.0	12.3	4.4	24.5	0.7
4	60.4	35.5	47.9	4.9	3.1	3.8	49	36	21	7	2	1	260	307	383	519	0.0	0.3	23.4	0.4	10.8	0.0
5	70.9	48.0	59.5	3.5	3.3	3.2	189	148	98	40	11	5	51	73	115	212	0.0	0.5	30.6	0.0	0.7	0.0
6	80.0	58.2	69.1	3.1	2.5	2.6	425	367	284	160	69	45	2	5	11	37	0.1	2.6	30.0	0.0	0.0	0.0
7	84.8	63.0	73.9	3.1	2.4	2.6	586	524	431	281	148	106	-7777	-7777	-7777	5	0.3	6.7	31.0	0.0	0.0	0.0
8	82.9	60.4	71.7	3.2	2.7	2.8	516	455	364	221	104	70	-7777	1	3	15	0.1	4.9	31.0	0.0	0.0	0.0
9	75.5	50.4	63.0	3.7	2.8	2.9	266	220	158	78	28	16	27	41	69	139	0.0	1.5	29.8	0.0	0.6	0.0
10	62.9	38.0	50.5	3.7	3.1	2.8	58	41	22	6	1	-7777	199	244	318	457	0.0	0.2	26.6	0.1	7.8	0.0
11	45.7	24.1	34.9	6.6	4.9	5.5	4	2	1	-7777	0	0	607	665	754	903	0.0	0.0	11.6	5.0	23.2	0.7
12	32.1	12.8	22.5	7.1	6.2	6.5	0	0	0	0	0	0	1009	1071	1164	1319	0.0	0.0	2.5	14.4	30.2	5.1
Summary	59.0	36.5	47.8	4.9	3.9	4.2	2097	1795	1380	793	363	243	4686	5116	5794	7033	0.5	16.7	236.1	51.2	154.8	18.6

@ 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: 1408 ft. Lat: 42.617° N Lon: 97.261° W

Generated on 08/15/2016

Station: **HARTINGTON, NE US GHCND:USC00253630**

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	1.9	0.2	-7777	0.28	0.58	0.74
2	0.72	3.5	2.0	0.3	0.0	0.28	0.65	1.04
3	2.00	5.3	3.7	1.4	0.3	0.85	1.88	2.23
4	3.03	8.9	5.9	2.1	0.6	1.61	2.79	4.15
5	3.79	9.7	7.2	2.7	0.9	2.33	3.37	5.57
6	4.37	8.9	6.4	3.0	1.4	2.21	4.54	5.59
7	3.22	7.6	4.9	2.0	0.8	1.65	2.27	4.59
8	2.86	7.0	4.7	1.9	0.7	1.48	2.49	4.06
9	3.00	6.8	4.6	2.2	0.9	1.43	2.94	4.06
10	2.40	6.3	3.8	1.5	0.7	0.88	1.58	3.88
11	1.39	4.5	2.6	0.8	0.4	0.37	1.00	1.81
12	0.78	3.4	1.8	0.4	0.1	0.38	0.56	1.03
Summary	28.15	75.5	49.5	18.5	6.8	13.75	24.65	38.75

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

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

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

**Summary of
 Monthly Normals
 1981-2010**

Elev: 1408 ft. Lat: 42.617° N Lon: 97.261° W

Generated on 08/15/2016

Station: **HARTINGTON, NE US GHCND:USC00253630**

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	6.4	3.9	2.9	0.7	0.3	0.1	13.8	9.3	5.7	1.7	2.6	4.5	12.4
2	6.5	3.1	2.3	0.6	0.2	0.1	10.4	7.3	5.0	2.2	2.7	5.0	8.0
3	6.4	2.5	1.9	0.7	0.3	0.1	6.0	3.4	1.7	0.3	3.0	5.0	7.3
4	3.1	0.9	0.8	0.4	0.3	-7777	0.7	0.4	0.3	0.0	0.0	0.8	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	0.6	0.3	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.2
11	4.9	2.3	1.8	0.7	0.1	-7777	2.8	1.7	0.9	0.0	1.0	3.3	10.0
12	5.4	3.7	2.6	0.7	0.2	-7777	10.7	6.2	2.3	0.3	2.0	5.9	7.3
Summary	33.3	16.7	12.6	3.9	1.4	0.3	44.7	28.4	15.9	4.5	11.3	24.5	52.2

@ 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: 1408 ft. Lat: 42.617° N Lon: 97.261° W

Generated on 08/15/2016

Station: **HARTINGTON, NE US GHCND:USC00253630**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	14	78	277	603	873	1051	981	689	347	74	4
45	1	5	37	173	452	723	896	826	540	226	38	1
50	-7777	1	14	97	309	573	741	671	397	126	15	-7777
55	-7777	-7777	4	49	189	425	586	516	266	58	4	0
60	0	-7777	1	21	98	284	431	364	158	22	1	0
Growing Degree Units for Corn (Monthly)												
50/86	8	16	66	184	360	566	710	653	432	221	56	6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	20	98	375	978	1851	2902	3883	4572	4919	4993	4997
45	1	6	43	216	668	1391	2287	3113	3653	3879	3917	3918
50	0	1	15	112	421	994	1735	2406	2803	2929	2944	2944
55	0	0	4	53	242	667	1253	1769	2035	2093	2097	2097
60	0	0	1	22	120	404	835	1199	1357	1379	1380	1380
Growing Degree Units for Corn (Monthly)												
50/86	8	24	90	274	634	1200	1910	2563	2995	3216	3272	3278

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: 1280 ft. Lat: 41.938° N Lon: 96.479° W

Generated on 08/15/2016

Station: **LYONS, NE US GHCND:USC00255050**

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	0.66	3.9	2.1	0.2	0.0	0.30	0.63	1.05
2	0.79	3.8	2.2	0.3	0.1	0.40	0.68	0.97
3	2.00	6.4	4.4	1.4	0.4	0.58	1.80	2.75
4	3.47	9.1	6.6	2.6	1.0	1.81	3.09	4.22
5	4.46	10.5	8.1	3.1	1.1	2.83	4.29	6.01
6	4.64	9.0	6.8	3.0	1.3	2.59	4.53	6.26
7	3.78	8.0	6.3	2.7	1.2	2.46	3.25	4.67
8	3.24	7.1	5.1	2.1	0.9	1.77	3.36	4.09
9	3.25	7.1	5.1	2.2	0.9	1.51	3.16	4.58
10	2.22	6.1	4.6	1.7	0.6	0.79	2.07	3.40
11	1.61	4.7	3.1	1.1	0.4	0.65	1.48	2.19
12	0.95	4.8	2.7	0.6	0.2	0.43	0.81	1.38
Summary	31.07	80.5	57.1	21.0	8.1	16.12	29.15	41.57

@ 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: 1280 ft. Lat: 41.938° N Lon: 96.479° W

Generated on 08/15/2016

Station: **LYONS, NE US GHCND:USC00255050**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	6.1	2.8	2.0	0.9	0.5	-7777	14.9	10.5	6.3	2.1	2.0	5.0	8.0
2	6.0	2.5	2.1	0.9	0.3	-7777	12.8	10.1	6.3	2.9	2.4	5.2	9.0
3	7.2	1.7	1.6	0.8	0.5	0.2	5.6	3.3	1.9	0.7	2.0	6.5	12.0
4	1.3	0.4	0.3	0.2	0.1	-7777	0.8	0.5	0.4	0.1	0.0	0.0	1.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.3	0.1	0.1	-7777	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
11	2.5	1.3	1.1	0.4	-7777	-7777	2.9	1.4	0.5	0.2	0.0	1.0	4.0
12	6.5	2.7	2.5	0.8	0.4	0.0	12.2	8.3	4.7	1.7	3.5	7.0	10.0
Summary	29.9	11.5	9.7	4.0	1.8	0.2	49.4	34.2	20.1	7.7	9.9	24.7	44.0

@ 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: 1400 ft. Lat: 42.736° N Lon: 97.497° W

Generated on 08/15/2016

Station: **CROFTON, NE US GHCND:USC00252037**

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	30.9	10.0	20.4	6.9	6.9	6.8	0	0	0	0	0	0	1071	1133	1226	1381	0.0	0.0	3.0	16.0	30.5	7.5
2	35.5	14.2	24.9	6.9	6.2	6.4	-7777	-7777	-7777	-7777	0	0	844	900	984	1124	0.0	0.0	5.3	10.9	26.4	4.3
3	46.5	24.1	35.3	5.5	3.8	4.4	6	3	1	-7777	-7777	-7777	617	676	767	921	0.0	0.0	12.5	4.6	23.7	0.8
4	59.9	36.2	48.0	4.9	3.1	3.7	49	36	23	9	2	1	258	305	381	517	0.0	0.2	23.6	0.5	10.6	0.0
5	70.8	48.5	59.7	3.4	3.2	3.1	194	154	104	47	15	8	50	72	115	212	0.0	0.9	30.4	0.0	0.4	0.0
6	80.5	58.8	69.6	3.5	2.6	2.9	442	384	300	174	80	54	2	4	11	35	-7777	3.5	30.0	0.0	0.0	0.0
7	85.3	63.8	74.5	3.2	2.4	2.7	606	544	451	300	166	122	-7777	-7777	-7777	5	0.5	7.6	31.0	0.0	0.0	0.0
8	83.4	61.8	72.6	3.2	2.5	2.7	545	484	392	247	125	86	-7777	-7777	-7777	2	12	-7777	5.3	31.0	0.0	0.0
9	75.4	52.1	63.8	3.7	2.6	2.8	285	237	173	91	38	24	23	35	61	129	0.0	1.7	29.8	0.0	0.4	0.0
10	62.0	38.4	50.2	3.8	2.8	2.9	65	47	27	10	2	1	214	258	331	468	0.0	0.2	25.4	0.4	8.1	0.0
11	45.5	25.0	35.3	6.7	4.4	5.4	6	4	1	-7777	0	0	599	656	744	893	0.0	0.0	11.0	5.6	22.4	0.6
12	32.4	12.8	22.6	7.1	6.2	6.5	-7777	-7777	0	0	0	0	1004	1066	1159	1314	0.0	0.0	2.9	14.0	30.5	5.5
Summary	59.0	37.1	48.1	4.9	3.9	4.2	2198	1893	1472	878	428	296	4682	5105	5781	7011	0.5	19.4	235.9	52.0	153.0	18.7

@ 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: 1400 ft. Lat: 42.736° N Lon: 97.497° W

Generated on 08/15/2016

Station: **CROFTON, NE US GHCND:USC00252037**

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	6.0	1.9	0.1	0.0	0.34	0.51	0.75
2	0.77	5.1	2.2	0.3	0.1	0.37	0.63	1.12
3	1.82	6.7	4.0	0.9	0.2	0.85	1.53	2.54
4	3.69	9.7	6.6	2.2	0.8	1.91	3.53	5.20
5	3.90	10.6	7.0	2.8	0.9	2.51	3.63	5.22
6	4.32	10.5	7.4	2.8	1.1	2.62	3.86	5.30
7	3.26	8.5	5.2	1.9	1.0	1.36	2.67	4.78
8	3.13	8.1	5.7	2.2	1.0	1.67	2.72	4.53
9	3.04	7.4	5.0	2.0	0.8	1.32	2.68	4.69
10	2.44	7.0	4.4	1.4	0.6	0.85	1.81	4.01
11	1.40	5.3	2.9	0.8	0.2	0.53	1.06	1.92
12	0.87	5.9	2.1	0.4	0.1	0.32	0.71	1.02
Summary	29.21	90.8	54.4	17.8	6.8	14.65	25.34	41.08

@ 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: 1400 ft. Lat: 42.736° N Lon: 97.497° W

Generated on 08/15/2016

Station: **CROFTON, NE US GHCND:USC00252037**

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	5.6	2.1	0.7	0.2	0.0	17.0	10.2	4.1	1.5	3.5	6.5	7.8
2	6.4	4.9	2.1	0.7	0.2	0.1	12.5	9.2	6.8	2.6	3.6	5.0	9.6
3	6.6	4.0	2.0	0.8	0.3	0.0	8.5	5.9	3.5	0.6	2.2	5.2	9.7
4	4.2	2.1	1.2	0.5	0.2	0.0	2.1	1.2	0.6	0.0	0.7	2.1	7.6
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	0.7	0.3	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.7
11	5.8	3.1	1.5	0.5	0.4	0.0	5.9	3.1	1.7	0.2	1.5	2.8	12.0
12	7.2	5.7	2.1	0.7	0.3	0.0	16.5	9.2	5.0	0.7	2.4	5.7	10.6
Summary	36.9	26.1	11.3	3.9	1.6	0.1	63.0	38.9	21.7	5.6	13.9	27.3	58.0

@ 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: 1400 ft. Lat: 42.736° N Lon: 97.497° W

Generated on 08/15/2016

Station: **CROFTON, NE US GHCND:USC00252037**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	17	86	278	609	889	1071	1011	712	344	79	5
45	1	5	42	174	457	739	916	855	564	225	42	1
50	-7777	1	18	98	315	589	761	700	419	130	19	-7777
55	0	-7777	6	49	194	442	606	545	285	65	6	-7777
60	0	-7777	1	23	104	300	451	392	173	27	1	0
Growing Degree Units for Corn (Monthly)												
50/86	8	18	68	178	360	579	724	677	444	213	56	7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	23	109	387	996	1885	2956	3967	4679	5023	5102	5107
45	1	6	48	222	679	1418	2334	3189	3753	3978	4020	4021
50	0	1	19	117	432	1021	1782	2482	2901	3031	3050	3050
55	0	0	6	55	249	691	1297	1842	2127	2192	2198	2198
60	0	0	1	24	128	428	879	1271	1444	1471	1472	1472
Growing Degree Units for Corn (Monthly)												
50/86	8	26	94	272	632	1211	1935	2612	3056	3269	3325	3332

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: 1760 ft. Lat: 42.130° N Lon: 98.028° W

Generated on 08/15/2016

Station: **NELIGH, NE US GHCND:USC00255830**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.55	4.6	1.6	0.2	0.0	0.22	0.54	0.79
2	0.73	4.8	2.2	0.2	0.1	0.36	0.66	0.98
3	1.77	7.3	4.5	1.1	0.2	0.94	1.42	2.41
4	2.75	9.5	5.6	1.7	0.7	1.58	2.48	3.67
5	3.94	10.6	7.1	2.7	0.8	2.57	3.62	4.67
6	4.07	10.4	6.8	2.6	1.1	2.24	3.56	5.17
7	3.17	8.3	6.0	2.2	0.7	1.91	2.76	3.41
8	3.57	8.3	5.4	2.2	1.0	1.98	3.39	4.51
9	2.48	6.8	4.5	1.7	0.6	1.51	2.40	3.20
10	2.32	7.3	4.3	1.6	0.5	1.00	1.65	3.13
11	1.28	5.4	3.1	0.9	0.2	0.46	0.94	1.87
12	0.82	5.2	2.3	0.5	0.1	0.34	0.51	0.95
Summary	27.45	88.5	53.4	17.6	6.0	15.11	23.93	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: 1760 ft. Lat: 42.130° N Lon: 98.028° W

Generated on 08/15/2016

Station: **NELIGH, NE US GHCND:USC00255830**

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	5.9	3.8	2.2	0.7	0.2	0.0	16.3	10.0	5.3	1.0	3.5	5.0	8.6
2	6.0	3.6	2.2	0.6	0.2	0.0	13.1	8.1	3.8	0.6	2.1	4.6	8.5
3	6.1	3.4	2.2	0.7	0.2	0.0	7.5	3.8	1.5	0.4	1.7	4.2	8.7
4	3.1	1.2	1.0	0.4	0.2	0.0	1.7	0.9	0.5	-7777	0.0	0.4	4.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.7	0.5	0.4	-7777	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0
11	4.8	2.4	1.9	0.6	0.2	-7777	5.4	2.4	1.2	0.1	1.6	2.4	7.3
12	7.4	4.4	2.7	0.9	0.3	0.0	15.6	7.8	4.6	1.5	4.0	6.2	9.9
Summary	34.0	19.3	12.6	3.9	1.3	0.0	60.2	33.1	16.9	3.6	12.9	22.8	47.5

@ 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: 1408 ft. Lat: 42.262° N Lon: 96.864° W

Generated on 08/15/2016

Station: **WAKEFIELD, NE US GHCND:USC00258915**

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	32.5	11.3	21.9	7.1	5.6	6.2	0	0	0	0	0	0	1026	1088	1181	1336	0.0	0.0	3.3	14.3	30.5	6.5
2	37.5	16.2	26.8	7.1	6.0	6.3	-7777	-7777	-7777	0	0	0	788	844	928	1068	0.0	0.0	5.6	9.9	26.0	3.6
3	49.6	25.6	37.6	5.6	3.5	4.1	7	4	2	-7777	-7777	-7777	547	606	696	850	0.0	0.0	15.0	3.1	23.1	0.6
4	63.7	36.6	50.2	4.9	3.0	3.7	66	49	30	12	3	1	211	254	326	457	0.0	0.6	25.8	0.1	9.6	0.0
5	73.9	47.8	60.8	3.6	3.2	3.2	220	176	119	52	17	9	39	57	93	180	0.0	1.6	30.9	0.0	1.0	0.0
6	82.8	58.0	70.4	3.4	2.5	2.8	463	405	319	188	87	58	1	3	7	26	0.3	4.7	30.0	0.0	0.0	0.0
7	86.3	62.0	74.1	3.5	2.4	2.8	594	532	439	288	153	108	0	-7777	-7777	5	0.4	8.7	31.0	0.0	0.0	0.0
8	84.5	60.4	72.5	3.4	2.5	2.8	541	479	388	242	120	82	-7777	-7777	2	11	0.3	6.0	31.0	0.0	0.0	0.0
9	77.6	50.8	64.2	3.7	2.4	2.7	298	248	181	92	36	21	22	32	55	116	0.0	2.2	29.8	0.0	0.7	0.0
10	64.8	38.8	51.8	3.7	2.5	2.6	75	54	32	10	3	1	174	216	286	419	0.0	0.3	27.6	0.2	7.7	0.0
11	47.1	25.6	36.4	6.5	4.1	5.0	5	2	1	-7777	0	0	564	622	710	860	0.0	0.0	12.6	4.0	22.1	0.4
12	33.4	13.9	23.6	7.0	6.1	6.4	0	0	0	0	0	0	972	1034	1127	1282	0.0	0.0	2.6	13.0	30.0	4.7
Summary	61.1	37.3	49.2	5.0	3.7	4.1	2269	1949	1511	884	419	280	4344	4756	5411	6610	1.0	24.1	245.2	44.6	150.7	15.8

@ 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: 1408 ft. Lat: 42.262° N Lon: 96.864° W

Generated on 08/15/2016

Station: **WAKEFIELD, NE US GHCND:USC00258915**

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	0.75	5.3	2.4	0.2	-7777	0.44	0.67	0.96
2	0.87	5.3	2.6	0.3	0.1	0.46	0.64	1.16
3	2.18	7.7	4.4	1.5	0.4	0.88	1.87	3.09
4	3.42	9.8	6.4	2.3	0.9	2.17	2.85	4.64
5	3.93	11.0	7.7	2.6	0.9	2.58	3.82	5.25
6	4.76	10.3	7.1	3.3	1.3	3.07	4.57	6.55
7	3.27	9.5	5.8	2.0	0.8	1.98	2.80	3.94
8	3.07	8.6	5.1	1.8	0.9	1.29	2.78	3.99
9	3.06	8.0	4.8	2.0	0.9	1.87	2.87	4.12
10	2.50	7.8	4.5	1.6	0.7	1.08	1.93	3.26
11	1.66	5.9	3.4	1.2	0.3	0.78	1.45	2.65
12	1.00	6.0	2.9	0.4	0.1	0.36	0.77	1.17
Summary	30.47	95.2	57.1	19.2	7.3	16.96	27.02	40.78

@ 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: 1408 ft. Lat: 42.262° N Lon: 96.864° W

Generated on 08/15/2016

Station: **WAKEFIELD, NE US GHCND:USC00258915**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	7.1	5.1	2.3	0.8	0.3	-7777	17.5	13.1	7.9	1.6	4.4	6.9	10.2
2	6.9	4.3	2.1	0.6	0.2	0.1	12.2	8.8	6.6	2.4	3.1	5.3	9.0
3	6.4	3.2	1.7	0.6	0.3	0.1	6.0	4.0	1.9	1.1	2.0	4.6	9.8
4	2.3	1.3	0.7	0.2	0.1	0.0	0.6	0.3	0.2	0.0	0.0	0.8	3.0
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	0.6	0.5	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.3
11	4.6	2.6	1.5	0.4	0.1	0.0	3.8	1.6	0.8	0.1	1.8	3.0	6.8
12	8.6	5.0	2.7	0.8	0.3	0.0	14.6	9.5	5.5	1.9	4.0	7.9	12.0
Summary	36.5	22.0	11.2	3.5	1.3	0.2	54.9	37.4	22.9	7.1	15.3	28.5	51.1

@ 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: 1408 ft. Lat: 42.262° N Lon: 96.864° W

Generated on 08/15/2016

Station: **WAKEFIELD, NE US GHCND:USC00258915**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	19	103	328	646	912	1059	1006	726	383	84	5
45	1	6	52	215	493	762	903	851	577	256	42	1
50	-7777	1	22	126	347	612	749	696	433	150	17	-7777
55	0	-7777	7	66	220	463	594	541	298	75	5	0
60	0	-7777	2	30	119	319	439	388	181	32	1	0
Growing Degree Units for Corn (Monthly)												
50/86	10	20	87	224	402	595	708	669	465	249	63	7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	24	127	455	1101	2013	3072	4078	4804	5187	5271	5276
45	1	7	59	274	767	1529	2432	3283	3860	4116	4158	4159
50	0	1	23	149	496	1108	1857	2553	2986	3136	3153	3153
55	0	0	7	73	293	756	1350	1891	2189	2264	2269	2269
60	0	0	2	32	151	470	909	1297	1478	1510	1511	1511
Growing Degree Units for Corn (Monthly)												
50/86	10	30	117	341	743	1338	2046	2715	3180	3429	3492	3499

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: 1935 ft. Lat: 41.987° N Lon: 98.075° W

Generated on 08/15/2016

Station: **ELGIN, NE US GHCND:USC00252595**

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	32.5	11.1	21.8	7.2	5.8	6.4	0	0	0	0	0	0	1029	1091	1184	1339	0.0	0.0	3.5	14.8	30.5	6.4
2	36.6	14.6	25.6	7.4	5.4	6.2	-7777	-7777	-7777	0	0	0	823	879	963	1103	0.0	0.0	5.8	10.7	26.6	3.5
3	47.4	23.2	35.3	5.8	3.6	4.3	3	2	-7777	-7777	-7777	0	614	674	766	921	0.0	0.0	14.2	4.7	25.4	0.9
4	60.0	34.5	47.2	4.9	3.2	3.7	40	28	15	5	1	-7777	272	321	398	537	0.0	-7777	23.5	0.6	11.9	0.0
5	70.7	47.5	59.1	3.7	3.0	3.1	181	142	93	38	11	5	54	76	121	221	0.0	0.4	30.6	0.0	0.7	0.0
6	80.0	57.6	68.8	3.4	2.8	3.0	416	359	277	154	64	40	3	5	13	40	0.0	2.4	30.0	0.0	0.0	0.0
7	84.4	62.5	73.5	3.2	2.4	2.6	572	510	418	269	139	98	-7777	-7777	1	7	0.4	6.6	31.0	0.0	0.0	0.0
8	82.3	59.7	71.0	3.2	2.6	2.8	496	435	345	203	90	59	1	1	4	17	0.1	3.8	31.0	0.0	0.0	0.0
9	75.0	49.6	62.3	3.4	2.5	2.7	247	201	140	65	21	11	28	42	71	146	0.0	1.0	29.8	0.0	0.4	0.0
10	62.9	37.0	50.0	3.6	2.5	2.6	57	40	21	5	1	-7777	214	259	333	472	0.0	0.1	26.5	0.5	8.9	0.0
11	46.3	24.6	35.5	6.7	4.5	5.4	4	2	1	-7777	0	0	591	649	737	886	0.0	0.0	11.9	5.1	23.3	0.3
12	33.7	13.6	23.7	6.5	5.7	5.9	-7777	0	0	0	0	0	972	1033	1126	1282	0.0	0.0	3.2	13.6	30.2	4.8
Summary	59.3	36.3	47.8	4.9	3.7	4.1	2016	1719	1310	739	327	213	4601	5030	5717	6971	0.5	14.3	241.0	50.0	157.9	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: 1935 ft. Lat: 41.987° N Lon: 98.075° W

Generated on 08/15/2016

Station: **ELGIN, NE US GHCND:USC00252595**

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	4.8	1.7	0.2	0.0	0.22	0.40	0.73
2	0.69	5.3	2.0	0.3	0.0	0.30	0.63	1.05
3	1.72	7.2	4.2	1.1	0.2	0.73	1.28	2.52
4	2.73	9.2	5.5	1.5	0.8	1.57	2.49	3.48
5	3.73	10.8	6.7	2.5	1.0	2.69	3.37	5.25
6	4.16	10.4	7.1	2.8	1.2	2.35	3.87	4.86
7	3.33	8.5	5.5	2.2	0.9	1.73	3.10	4.89
8	3.96	8.6	5.7	2.2	1.2	2.07	3.45	5.34
9	2.49	7.3	4.5	1.9	0.6	1.26	2.41	3.51
10	2.30	6.9	4.3	1.5	0.6	0.81	1.61	3.57
11	1.26	5.1	3.3	0.8	0.1	0.39	1.00	2.02
12	0.68	5.4	2.2	0.2	-7777	0.33	0.50	0.98
Summary	27.56	89.5	52.7	17.2	6.6	14.45	24.11	38.20

@ 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: 1935 ft. Lat: 41.987° N Lon: 98.075° W

Generated on 08/15/2016

Station: **ELGIN, NE US GHCND:USC00252595**

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	5.9	2.9	1.7	0.7	0.2	0.0	14.5	9.5	5.5	1.3	2.6	5.9	9.0
2	4.2	3.1	1.9	0.5	0.1	0.0	12.5	8.2	4.8	0.9	2.0	3.0	5.6
3	4.7	2.5	1.7	0.5	0.2	-7777	6.8	4.1	1.6	0.5	1.6	3.0	4.9
4	2.8	0.9	0.9	0.4	0.2	0.0	1.3	0.7	0.3	0.0	0.0	2.0	4.5
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	-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	0.6	0.4	0.3	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
11	4.0	1.9	1.6	0.5	0.2	0.1	5.0	2.6	1.1	0.2	0.5	2.8	4.0
12	6.0	3.1	2.2	0.6	0.2	0.0	13.8	9.2	4.7	2.1	2.5	4.5	7.6
Summary	28.2	14.8	10.3	3.2	1.1	0.1	54.4	34.3	18.0	5.0	9.2	21.2	35.6

@ 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: 1935 ft. Lat: 41.987° N Lon: 98.075° W

Generated on 08/15/2016

Station: **ELGIN, NE US GHCND:USC00252595**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	18	80	259	592	864	1037	960	669	337	80	7
45	1	6	37	157	441	714	882	806	521	218	41	2
50	-7777	1	13	85	299	564	727	651	378	122	16	-7777
55	0	-7777	3	40	181	416	572	496	247	57	4	-7777
60	0	-7777	-7777	15	93	277	418	345	140	21	1	0
Growing Degree Units for Corn (Monthly)												
50/86	11	20	72	176	352	558	697	635	418	221	62	9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	24	104	363	955	1819	2856	3816	4485	4822	4902	4909
45	1	7	44	201	642	1356	2238	3044	3565	3783	3824	3826
50	0	1	14	99	398	962	1689	2340	2718	2840	2856	2856
55	0	0	3	43	224	640	1212	1708	1955	2012	2016	2016
60	0	0	0	15	108	385	803	1148	1288	1309	1310	1310
Growing Degree Units for Corn (Monthly)												
50/86	11	31	103	279	631	1189	1886	2521	2939	3160	3222	3231

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: 1660 ft. Lat: 42.460° N Lon: 97.905° W

Generated on 08/15/2016

Station: **CREIGHTON, NE US GHCND:USC00251990**

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	32.1	10.3	21.2	6.5	5.9	6.1	0	0	0	0	0	0	1048	1110	1203	1358	0.0	0.0	2.7	14.5	30.6	7.2
2	36.6	14.2	25.4	7.3	5.8	6.4	-7777	-7777	-7777	0	0	0	829	885	969	1109	0.0	0.0	5.7	10.7	26.5	4.4
3	47.9	23.6	35.8	5.6	3.9	4.4	5	3	1	-7777	-7777	-7777	602	661	753	907	0.0	0.0	14.1	4.5	25.2	0.9
4	60.8	35.2	48.0	5.1	3.3	3.9	51	38	23	8	2	1	261	308	383	518	0.0	0.3	23.7	0.6	11.9	0.0
5	71.8	48.2	60.0	3.4	3.1	3.1	203	162	109	48	15	8	48	69	109	203	0.0	0.9	30.5	0.0	0.7	0.0
6	81.4	58.2	69.8	3.4	2.7	2.9	446	388	304	178	83	56	2	4	10	34	0.2	4.0	30.0	0.0	0.0	0.0
7	86.4	62.9	74.6	3.4	2.3	2.6	609	547	454	304	168	122	0	0	-7777	5	0.5	9.1	31.0	0.0	0.0	0.0
8	84.4	60.3	72.3	3.2	2.4	2.6	538	477	385	241	119	81	-7777	1	3	13	0.2	6.9	31.0	0.0	0.0	0.0
9	76.3	50.1	63.2	3.3	2.2	2.4	273	225	161	81	30	17	27	39	66	135	0.0	2.0	29.9	0.0	0.8	0.0
10	63.4	37.3	50.3	4.0	2.4	2.6	60	43	24	7	1	-7777	204	249	323	461	0.0	0.2	26.9	0.2	9.0	0.0
11	46.3	24.5	35.4	7.1	4.3	5.5	3	2	-7777	-7777	0	0	591	650	738	888	0.0	0.0	12.1	5.0	22.9	0.7
12	32.6	12.8	22.7	6.5	6.1	6.2	0	0	0	0	0	0	1001	1063	1156	1311	0.0	0.0	3.0	13.7	30.2	5.0
Summary	60.0	36.5	48.2	4.9	3.7	4.1	2188	1885	1461	867	418	285	4613	5039	5713	6942	0.9	23.4	240.6	49.2	157.8	18.2

@ 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: 1660 ft. Lat: 42.460° N Lon: 97.905° W

Generated on 08/15/2016

Station: **CREIGHTON, NE US GHCND:USC00251990**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.56	4.2	1.6	0.3	0.0	0.31	0.50	0.84
2	0.77	5.0	2.2	0.3	0.1	0.33	0.59	0.95
3	1.83	6.9	4.1	1.0	0.4	0.92	1.44	2.17
4	2.86	8.3	5.5	2.1	0.6	1.14	2.68	4.43
5	4.02	10.4	7.3	2.7	1.1	3.24	3.69	4.59
6	4.06	9.8	7.1	2.7	1.0	2.52	3.68	4.95
7	3.27	7.7	5.7	2.0	0.8	1.45	2.74	4.35
8	3.40	7.6	5.0	1.9	0.9	1.57	3.10	4.87
9	2.71	6.8	4.6	1.8	0.8	1.30	2.72	3.33
10	2.16	6.1	4.0	1.4	0.5	0.65	1.32	3.62
11	1.21	5.0	2.8	0.8	0.2	0.41	0.86	1.61
12	0.78	4.8	2.3	0.3	0.1	0.26	0.54	0.88
Summary	27.63	82.6	52.2	17.3	6.5	14.10	23.86	36.59

@ 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: 1660 ft. Lat: 42.460° N Lon: 97.905° W

Generated on 08/15/2016

Station: **CREIGHTON, NE US GHCND:USC00251990**

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	0.6	0.2	0.0	12.6	8.6	5.7	2.5	1.0	5.0	10.8
2	7.8	2.6	2.1	0.9	0.4	0.0	9.6	6.7	5.0	1.4	2.8	6.1	13.0
3	7.9	2.3	2.0	0.8	0.4	0.0	5.1	2.9	1.8	0.5	3.0	5.5	13.0
4	2.1	0.5	0.5	0.4	0.2	-7777	1.1	0.6	0.3	0.0	0.0	0.0	3.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.6	0.4	0.3	0.1	-7777	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0
11	2.4	1.6	1.2	0.6	0.2	-7777	1.7	0.8	0.5	0.1	0.0	1.2	4.0
12	6.8	3.2	2.4	0.9	0.3	-7777	12.3	8.1	3.8	1.7	2.3	4.8	8.5
Summary	33.4	13.2	10.4	4.3	1.7	0.0	42.6	27.8	17.2	6.2	9.1	22.6	52.8

@ 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: 1660 ft. Lat: 42.460° N Lon: 97.905° W

Generated on 08/15/2016

Station: **CREIGHTON, NE US GHCND:USC00251990**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	16	86	281	620	894	1074	1003	696	345	78	4
45	1	5	41	177	469	744	919	848	548	224	38	1
50	-7777	1	17	101	325	594	764	693	405	126	14	-7777
55	0	-7777	5	51	203	446	609	538	273	60	3	0
60	0	-7777	1	23	109	304	454	385	161	24	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	9	19	77	190	375	580	720	664	439	227	60	6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	21	107	388	1008	1902	2976	3979	4675	5020	5098	5102
45	1	6	47	224	693	1437	2356	3204	3752	3976	4014	4015
50	0	1	18	119	444	1038	1802	2495	2900	3026	3040	3040
55	0	0	5	56	259	705	1314	1852	2125	2185	2188	2188
60	0	0	1	24	133	437	891	1276	1437	1461	1461	1461
Growing Degree Units for Corn (Monthly)												
50/86	9	28	105	295	670	1250	1970	2634	3073	3300	3360	3366

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

M indicates the value is missing

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

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

Summary of Monthly Normals 1981-2010

Elev: 1580 ft. Lat: 42.041° N Lon: 97.175° W

Generated on 08/15/2016

Station: **STANTON 7 NE, NE US GHCND:USC00258117**

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	31.9	10.5	21.2				-7777	0	0	0	0	0	1048	1110	1203	1358	0.0	0.0	3.2	15.3	30.3	8.3
2	36.2	14.8	25.5				-7777	0	0	0	0	0	825	882	966	1106	0.0	0.0	4.8	11.2	26.6	4.1
3	47.4	24.8	36.1				4	2	-7777	-7777	0	0	590	650	741	896	0.0	0.0	13.7	3.2	24.5	0.7
4	61.2	35.3	48.3				40	28	14	3	-7777	-7777	243	290	367	506	0.0	0.1	25.4	0.1	10.4	0.0
5	71.9	47.8	59.9				194	151	97	39	11	6	44	63	102	199	0.0	0.7	30.9	0.0	0.4	0.0
6	81.2	58.0	69.6				439	381	295	167	68	40	1	3	8	29	0.1	2.7	30.0	0.0	0.0	0.0
7	85.5	62.5	74.0				589	527	434	285	147	101	0	-7777	1	6	0.1	5.8	31.0	0.0	0.0	0.0
8	83.3	60.3	71.8				520	459	368	224	104	70	-7777	1	2	13	0.3	4.3	31.0	0.0	0.0	0.0
9	76.3	50.0	63.2				264	215	150	69	25	16	20	31	56	125	0.0	1.6	29.9	0.0	0.1	0.0
10	63.7	37.7	50.7				66	47	27	8	2	1	199	243	316	451	0.0	0.0	27.0	0.0	8.9	0.0
11	47.0	24.9	36.0				2	1	-7777	-7777	0	0	574	633	722	871	0.0	0.0	11.0	4.2	23.7	0.0
12	33.4	13.3	23.4				-7777	0	0	0	0	0	980	1042	1136	1291	0.0	0.0	2.8	14.1	30.4	3.9
Summary	59.9	36.7	48.3				2118	1811	1385	795	357	234	4524	4948	5620	6851	0.5	15.2	240.7	48.1	155.3	17.0

@ 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: 1580 ft. Lat: 42.041° N Lon: 97.175° W

Generated on 08/15/2016

Station: **STANTON 7 NE, NE US GHCND:USC00258117**

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	@	@	@	@			
2	0.67	@	@	@	@			
3	1.83	@	@	@	@			
4	2.69	@	@	@	@			
5	4.02	@	@	@	@			
6	4.60	@	@	@	@			
7	3.36	@	@	@	@			
8	3.53	@	@	@	@			
9	2.73	@	@	@	@			
10	2.16	@	@	@	@			
11	1.37	@	@	@	@			
12	0.78	@	@	@	@			
Summary	28.36	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: 1580 ft. Lat: 42.041° N Lon: 97.175° W

Generated on 08/15/2016

Station: **STANTON 7 NE, NE US GHCND:USC00258117**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	12	75	277	615	888	1054	985	694	347	72	5
45	3	3	36	169	462	738	899	830	545	226	33	-7777
50	1	-7777	15	89	319	588	743	675	399	132	10	-7777
55	-7777	-7777	4	40	194	439	589	520	264	66	2	-7777
60	0	0	-7777	14	97	295	434	368	150	27	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	11	15	67	186	367	580	713	656	435	228	55	7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	20	95	372	987	1875	2929	3914	4608	4955	5027	5032
45	3	6	42	211	673	1411	2310	3140	3685	3911	3944	3944
50	1	1	16	105	424	1012	1755	2430	2829	2961	2971	2971
55	0	0	4	44	238	677	1266	1786	2050	2116	2118	2118
60	0	0	0	14	111	406	840	1208	1358	1385	1385	1385
Growing Degree Units for Corn (Monthly)												
50/86	11	26	93	279	646	1226	1939	2595	3030	3258	3313	3320

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.