

Summary of Monthly Normals 1981-2010

Elev: 1788 ft. Lat: 40.521° N Lon: 98.054° W

Generated on 08/15/2016

Station: **CLAY CENTER, NE US GHCND:USC00251684**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.7	13.9	24.8	6.5	5.0	5.5	0	0	0	0	0	0	936	998	1091	1246	0.0	0.0	4.8	12.0	30.5	4.3
2	40.0	17.5	28.8	7.0	5.6	6.1	-7777	-7777	-7777	0	0	0	735	791	875	1015	0.0	0.0	7.1	8.4	26.1	2.7
3	51.2	26.6	38.9	5.0	3.6	3.9	9	5	2	-7777	0	0	508	566	656	809	0.0	0.0	16.6	2.9	22.6	0.4
4	63.0	36.7	49.8	4.4	2.8	3.3	58	42	24	8	2	1	213	256	328	462	0.0	0.3	24.8	0.1	8.7	0.0
5	72.4	48.7	60.6	3.7	2.9	3.0	211	169	112	47	14	7	39	58	95	185	0.0	1.0	30.7	0.0	0.5	0.0
6	82.9	58.9	70.9	3.6	2.8	3.1	479	420	334	202	98	67	2	3	7	26	0.3	5.9	30.0	0.0	0.0	0.0
7	87.2	63.8	75.5	2.9	1.8	2.1	635	573	480	328	187	138	0	0	-7777	2	1.2	11.8	31.0	0.0	0.0	0.0
8	85.4	61.6	73.5	3.8	2.3	2.9	573	512	420	272	142	101	-7777	-7777	1	8	0.7	8.8	31.0	0.0	0.0	0.0
9	77.8	51.7	64.7	3.3	2.5	2.5	313	262	193	100	39	24	20	29	50	107	0.1	3.0	29.8	0.0	0.5	0.0
10	65.2	39.3	52.2	3.9	2.4	2.7	79	56	31	10	2	1	164	203	272	405	0.0	0.4	27.8	0.2	6.5	0.0
11	50.2	26.6	38.4	6.0	3.8	4.6	6	3	1	-7777	0	0	504	561	649	798	0.0	0.0	15.5	3.0	21.8	0.0
12	37.5	16.5	27.0	6.3	5.6	5.8	0	0	0	0	0	0	868	930	1023	1178	0.0	0.0	5.6	10.2	30.2	2.7
Summary	62.4	38.5	50.4	4.7	3.4	3.8	2363	2042	1597	967	484	339	3989	4395	5047	6241	2.3	31.2	254.7	36.8	147.4	10.1

@ 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.

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 Monthly Normals
 1981-2010**

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.48	2.1	1.1	0.1	0.0	0.24	0.46	0.69
2	0.77	2.8	1.4	0.4	0.2	0.30	0.67	1.11
3	1.83	4.8	3.1	1.0	0.3	0.74	1.46	2.68
4	2.63	6.4	4.4	2.0	0.8	1.60	2.38	3.41
5	5.05	9.2	7.2	3.7	1.5	3.33	5.29	6.31
6	4.22	8.0	5.8	2.8	1.5	2.58	3.78	5.85
7	3.88	7.1	5.3	2.4	1.3	1.36	2.86	5.31
8	3.47	6.6	5.1	2.3	1.2	2.55	3.31	4.51
9	2.45	5.8	4.2	1.5	0.7	1.18	2.22	3.43
10	2.06	5.0	3.5	1.8	0.9	0.71	1.83	2.89
11	1.17	3.5	2.2	1.0	0.3	0.27	0.81	1.94
12	0.77	3.4	1.7	0.4	0.1	0.38	0.70	1.09
Summary	28.78	64.7	45.0	19.4	8.8	15.24	25.77	39.22

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 1788 ft. Lat: 40.521° N Lon: 98.054° W

Generated on 08/15/2016

Station: **CLAY CENTER, NE US GHCND:USC00251684**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.2	2.2	1.9	0.6	0.2	-7777	@	@	@	@	2.8	5.3	6.0
2	2.9	1.5	0.9	0.5	0.2	-7777	@	@	@	@	0.4	1.9	5.4
3	1.5	0.8	0.6	0.3	-7777	0.0	@	@	@	@	0.0	0.1	1.6
4	0.9	0.2	0.1	0.1	0.1	0.0	@	@	@	@	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.1	0.1	0.1	0.1	0.0	0.0	@	@	@	@	0.0	0.0	0.0
11	1.7	0.6	0.4	0.2	0.2	-7777	@	@	@	@	0.0	0.0	2.0
12	2.4	1.9	1.2	0.4	0.1	0.0	@	@	@	@	0.0	2.0	4.0
Summary	14.7	7.3	5.2	2.2	0.8	0.0	0.0	0.0	0.0	0.0	3.2	9.3	19.0

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Summary of Monthly Normals 1981-2010

Elev: 1788 ft. Lat: 40.521° N Lon: 98.054° W

Generated on 08/15/2016

Station: **CLAY CENTER, NE US GHCND:USC00251684**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	29	120	320	637	927	1100	1038	743	395	107	11
45	2	9	60	205	484	777	945	883	595	265	55	2
50	-7777	2	25	117	339	627	790	728	450	158	22	-7777
55	0	-7777	9	58	211	479	635	573	313	79	6	0
60	0	-7777	2	24	112	334	480	420	193	31	1	0
Growing Degree Units for Corn (Monthly)												
50/86	16	32	101	214	381	604	735	686	466	252	85	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	39	159	479	1116	2043	3143	4181	4924	5319	5426	5437
45	2	11	71	276	760	1537	2482	3365	3960	4225	4280	4282
50	0	2	27	144	483	1110	1900	2628	3078	3236	3258	3258
55	0	0	9	67	278	757	1392	1965	2278	2357	2363	2363
60	0	0	2	26	138	472	952	1372	1565	1596	1597	1597
Growing Degree Units for Corn (Monthly)												
50/86	16	48	149	363	744	1348	2083	2769	3235	3487	3572	3588

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

M indicates the value is missing

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 1520 ft. Lat: 40.014° N Lon: 97.929° W

Generated on 08/15/2016

Station: **HARDY, NE US GHCND:USC00253589**

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	4.1	1.8	0.2	0.0	0.18	0.60	0.80
2	0.73	4.2	2.2	0.3	0.0	0.26	0.63	0.98
3	1.90	6.8	3.9	1.2	0.3	0.80	1.41	2.54
4	2.56	8.6	5.6	1.7	0.4	1.42	2.57	3.33
5	4.47	11.4	7.6	3.1	1.4	2.56	4.77	5.70
6	3.84	9.8	6.2	2.3	1.0	2.41	3.50	5.22
7	3.80	8.2	6.1	2.9	1.1	2.08	3.57	4.71
8	2.90	8.4	5.0	1.9	0.8	1.98	2.80	4.20
9	2.57	6.4	4.1	1.7	0.5	1.23	1.95	4.00
10	2.02	6.5	3.6	1.3	0.5	0.69	1.56	2.35
11	1.33	4.5	2.5	0.8	0.4	0.42	0.92	1.88
12	0.86	4.2	2.3	0.5	0.1	0.27	0.59	1.44
Summary	27.60	83.1	50.9	17.9	6.5	14.30	24.87	37.15

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 1520 ft. Lat: 40.014° N Lon: 97.929° W

Generated on 08/15/2016

Station: **HARDY, NE US GHCND:USC00253589**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.7	2.4	1.8	0.5	0.2	0.0	10.9	5.6	2.8	0.5	1.5	4.0	6.0
2	4.4	2.3	1.9	0.6	0.2	0.0	8.0	4.6	2.2	0.0	1.0	3.5	5.5
3	2.6	1.2	0.9	0.4	0.2	-7777	2.9	1.7	0.9	0.2	0.0	1.0	3.0
4	0.8	0.4	0.3	0.1	-7777	0.0	0.5	0.2	0.2	-7777	0.0	0.0	0.7
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.1	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.4	0.1	-7777	-7777	-7777	-7777	0.2	0.1	0.1	0.0	0.0	0.0	0.0
11	2.5	1.2	0.8	0.4	0.1	0.0	2.0	1.1	0.5	0.0	0.0	1.0	4.0
12	4.2	2.2	1.7	0.7	0.3	0.0	9.5	6.0	2.3	0.3	0.0	4.0	5.9
Summary	19.7	9.8	7.4	2.7	1.0	0.0	34.0	19.3	9.0	1.0	2.5	13.5	25.1

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Summary of Monthly Normals 1981-2010

Elev: 1640 ft. Lat: 40.642° N Lon: 97.593° W

Generated on 08/15/2016

Station: **FAIRMONT, NE US GHCND:USC00252840**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	34.9	13.4	24.2	6.9	4.9	5.7	0	0	0	0	0	0	956	1018	1111	1266	0.0	0.0	4.4	12.9	30.6	4.5
2	39.5	17.0	28.2	7.2	5.5	6.1	-7777	-7777	-7777	0	0	0	749	805	889	1029	0.0	0.0	7.2	8.6	25.7	3.1
3	50.9	26.6	38.7	4.8	3.5	3.8	9	5	2	-7777	-7777	0	513	571	660	814	0.0	-7777	16.2	3.1	22.1	0.6
4	63.2	37.3	50.3	4.7	3.0	3.5	65	47	28	9	2	1	208	250	321	452	0.0	0.5	25.1	0.1	8.2	0.0
5	73.1	49.8	61.5	3.5	2.5	2.7	232	187	127	55	17	9	33	49	82	165	0.0	1.2	30.7	0.0	0.2	0.0
6	82.8	59.4	71.1	3.4	2.9	3.0	484	425	339	206	101	69	1	2	6	23	0.2	5.8	30.0	0.0	0.0	0.0
7	87.1	64.3	75.7	2.6	2.2	2.2	642	580	487	334	193	144	0	-7777	-7777	3	0.8	10.9	31.0	0.0	0.0	0.0
8	85.0	61.8	73.4	3.7	2.8	3.1	570	509	417	270	143	103	-7777	-7777	2	10	0.4	8.3	31.0	0.0	0.0	0.0
9	77.9	51.7	64.8	3.9	2.7	3.0	314	263	195	103	43	27	20	29	51	109	0.1	3.2	29.8	0.0	0.3	0.0
10	65.0	39.5	52.2	3.9	2.6	2.8	81	57	32	10	2	1	166	205	272	406	0.0	0.2	27.6	0.2	5.9	0.0
11	49.7	26.5	38.1	6.5	4.2	5.0	7	4	1	-7777	0	0	514	571	658	807	0.0	0.0	15.3	3.3	21.9	0.2
12	36.5	16.1	26.3	6.7	5.7	6.0	0	0	0	0	0	0	889	951	1044	1200	0.0	0.0	4.9	10.8	30.0	2.7
Summary	62.1	38.6	50.4	4.8	3.5	3.9	2404	2077	1628	987	501	354	4049	4451	5096	6284	1.5	30.1	253.2	39.0	144.9	11.1

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Generated on 08/15/2016

Station: **FAIRMONT, NE US GHCND:USC00252840**

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	4.0	1.8	0.2	0.0	0.28	0.49	0.78
2	0.75	4.3	2.1	0.3	0.1	0.28	0.64	0.98
3	1.95	6.9	4.3	1.1	0.3	0.90	1.59	2.47
4	2.49	8.0	5.1	1.5	0.5	1.52	2.57	3.15
5	4.34	10.8	7.7	3.2	1.0	2.52	4.44	5.51
6	4.25	9.0	6.3	2.7	1.1	2.98	4.52	5.68
7	3.41	8.2	5.5	2.2	0.9	1.63	3.18	4.22
8	3.37	7.9	5.8	2.4	0.8	2.24	3.06	4.03
9	2.96	6.7	4.9	2.0	0.6	1.68	2.79	4.13
10	2.07	6.3	4.0	1.3	0.5	0.81	1.51	3.11
11	1.39	4.9	2.5	0.7	0.4	0.47	0.87	1.95
12	0.85	4.4	2.2	0.6	0.1	0.35	0.71	1.34
Summary	28.42	81.4	52.2	18.2	6.3	15.66	26.37	37.35

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.8	3.1	2.6	0.8	0.3	0.0	15.6	8.2	4.4	1.8	3.0	4.7	7.0
2	5.6	2.9	2.4	0.7	0.1	0.0	12.1	7.1	4.5	1.3	3.5	5.5	8.0
3	4.9	2.1	1.9	0.5	0.3	0.0	4.9	2.7	2.0	0.5	0.5	4.0	7.0
4	0.9	0.5	0.5	0.1	0.0	0.0	0.7	0.3	0.1	0.0	0.0	0.0	1.8
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	0.1	-7777	-7777	-7777	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
10	0.7	0.2	0.2	0.1	-7777	-7777	0.3	0.2	0.2	0.1	0.0	0.0	0.0
11	2.8	1.5	1.3	0.2	0.1	0.0	2.7	1.0	0.4	0.1	0.0	1.5	3.8
12	6.0	2.8	2.2	0.6	0.2	0.1	11.5	5.8	3.1	1.0	0.3	5.0	8.6
Summary	26.8	13.1	11.1	3.0	1.0	0.1	47.8	25.3	14.7	4.8	7.3	20.7	36.2

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Summary of Monthly Normals 1981-2010

Elev: 1640 ft. Lat: 40.642° N Lon: 97.593° W

Generated on 08/15/2016

Station: **FAIRMONT, NE US GHCND:USC00252840**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	28	121	332	665	933	1106	1035	744	396	105	9
45	2	9	61	217	511	783	952	880	596	268	55	2
50	-7777	2	27	128	364	633	797	725	451	160	22	-7777
55	0	-7777	9	65	232	484	642	570	314	81	7	0
60	0	-7777	2	28	127	339	487	417	195	32	1	0
Growing Degree Units for Corn (Monthly)												
50/86	15	30	99	218	398	610	744	687	469	252	82	13

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	37	158	490	1155	2088	3194	4229	4973	5369	5474	5483
45	2	11	72	289	800	1583	2535	3415	4011	4279	4334	4336
50	0	2	29	157	521	1154	1951	2676	3127	3287	3309	3309
55	0	0	9	74	306	790	1432	2002	2316	2397	2404	2404
60	0	0	2	30	157	496	983	1400	1595	1627	1628	1628
Growing Degree Units for Corn (Monthly)												
50/86	15	45	144	362	760	1370	2114	2801	3270	3522	3604	3617

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: 40.332° N Lon: 97.565° W

Generated on 08/15/2016

Station: **BRUNING, NE US GHCND:USC00251240**

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	4.5	2.1	0.2	0.0	0.31	0.60	0.87
2	0.67	4.6	2.2	0.2	0.0	0.29	0.55	1.00
3	1.99	6.9	4.3	1.2	0.4	0.82	1.76	2.71
4	2.63	8.9	5.6	1.6	0.5	1.56	2.44	3.17
5	4.68	11.6	8.1	3.3	1.3	2.87	4.82	6.13
6	4.43	9.7	6.5	2.7	1.3	2.78	4.40	5.29
7	3.57	8.7	5.9	2.2	1.0	1.61	2.98	4.41
8	3.53	8.4	5.6	2.2	1.0	2.33	3.20	4.25
9	3.30	7.0	4.7	2.0	0.9	1.70	2.80	4.43
10	2.07	6.6	3.8	1.1	0.4	0.87	1.56	3.01
11	1.34	5.0	2.6	1.0	0.2	0.51	1.07	2.20
12	0.90	4.4	2.3	0.5	0.1	0.32	0.66	1.31
Summary	29.72	86.3	53.7	18.2	7.1	15.97	26.84	38.78

@ 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: 1580 ft. Lat: 40.332° N Lon: 97.565° W

Generated on 08/15/2016

Station: **BRUNING, NE US GHCND:USC00251240**

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	2.9	2.3	0.6	0.1	0.0	13.0	5.2	2.2	0.4	2.0	4.2	7.5
2	5.1	2.9	1.9	0.7	0.2	0.0	10.0	5.0	1.6	0.7	2.0	4.1	7.3
3	3.6	1.5	1.4	0.4	0.2	0.1	3.7	1.6	0.9	0.3	0.7	3.0	4.0
4	0.7	0.4	0.4	-7777	0.0	0.0	0.6	0.2	0.1	0.0	0.0	0.0	1.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.7	0.1	0.1	0.1	-7777	-7777	0.3	0.2	0.1	0.1	0.0	0.0	0.0
11	2.0	1.2	0.9	0.3	0.1	0.0	2.3	0.7	0.1	0.0	0.0	1.0	3.5
12	4.5	2.3	1.9	0.7	0.1	0.0	9.5	4.3	2.1	0.2	1.0	4.0	6.3
Summary	21.8	11.3	8.9	2.8	0.7	0.1	39.4	17.2	7.1	1.7	5.7	16.3	29.6

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

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

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

Summary of Monthly Normals 1981-2010

Elev: 1100 ft. Lat: 40.666° N Lon: 96.189° W

Generated on 08/15/2016

Station: **SYRACUSE, NE US GHCND:USC00258395**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.1	12.6	23.8	6.5	5.5	5.8	0	0	0	0	0	0	965	1028	1121	1275	0.0	0.0	4.4	12.8	30.4	5.2
2	40.0	16.7	28.4	6.7	6.1	6.1	1	-7777	-7777	-7777	0	0	747	802	886	1026	0.0	0.0	7.1	8.3	25.6	3.0
3	52.0	26.7	39.3	4.9	3.8	3.9	14	10	5	1	-7777	-7777	499	557	645	796	0.0	0.0	16.8	2.4	22.3	0.4
4	64.3	37.6	51.0	4.5	3.2	3.7	77	58	37	14	4	2	198	239	308	436	0.0	0.5	25.5	-7777	8.9	0.0
5	74.4	49.5	61.9	3.4	3.2	3.1	247	200	140	64	20	11	31	47	80	159	0.0	1.6	30.8	0.0	0.7	0.0
6	84.1	60.0	72.1	3.1	2.8	2.8	512	453	366	230	118	84	1	2	5	19	0.3	6.6	30.0	0.0	0.0	0.0
7	88.7	64.6	76.6	2.8	2.3	2.3	671	609	516	363	220	169	0	0	-7777	2	1.5	13.5	31.0	0.0	0.0	0.0
8	87.0	62.3	74.6	3.7	3.1	3.2	609	547	455	306	174	131	-7777	-7777	1	7	1.6	11.0	31.0	0.0	0.0	0.0
9	79.4	52.0	65.7	3.6	2.5	2.8	338	287	217	120	55	36	17	26	46	99	0.1	4.1	29.9	0.0	0.5	0.0
10	66.9	39.6	53.2	3.4	2.7	2.5	97	72	43	15	4	2	151	188	252	380	0.0	0.3	28.6	-7777	7.2	0.0
11	50.9	27.2	39.1	5.9	3.9	4.5	10	6	3	1	-7777	0	489	545	631	779	0.0	0.0	16.0	2.4	21.7	0.2
12	37.3	16.0	26.7	6.3	6.0	5.9	-7777	-7777	0	0	0	0	879	941	1034	1189	0.0	0.0	5.6	10.5	29.3	3.3
Summary	63.3	38.7	51.0	4.6	3.8	3.9	2576	2242	1782	1114	595	435	3977	4375	5009	6167	3.5	37.6	256.7	36.4	146.6	12.1

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

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

**Summary of
 Monthly Normals
 1981-2010**

Elev: 1100 ft. Lat: 40.666° N Lon: 96.189° W

Generated on 08/15/2016

Station: **SYRACUSE, NE US GHCND:USC00258395**

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	0.69	3.9	2.1	0.2	-7777	0.24	0.59	1.06
2	0.97	4.6	2.6	0.5	-7777	0.37	0.84	1.26
3	2.16	7.3	4.4	1.6	0.4	1.01	1.91	3.24
4	2.79	8.7	5.8	2.0	0.5	1.96	2.66	3.24
5	5.30	11.7	7.9	3.6	1.7	3.42	4.71	6.37
6	4.33	9.7	6.8	3.0	1.1	2.93	4.10	5.27
7	4.33	8.8	6.0	2.8	1.3	2.45	3.67	4.43
8	3.52	8.8	5.7	2.3	1.0	1.96	2.72	4.79
9	2.83	7.1	4.6	1.8	0.8	1.51	2.32	3.59
10	2.25	7.0	4.4	1.6	0.4	1.13	1.60	3.72
11	1.54	5.2	3.2	1.1	0.3	0.88	1.21	2.27
12	0.89	4.9	2.6	0.4	0.1	0.35	0.64	1.30
Summary	31.60	87.7	56.1	20.9	7.6	18.21	26.97	40.54

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

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 1100 ft. Lat: 40.666° N Lon: 96.189° W

Generated on 08/15/2016

Station: **SYRACUSE, NE US GHCND:USC00258395**

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	2.0	0.8	0.2	0.0	12.8	7.8	3.7	0.5	1.3	5.7	11.4
2	6.4	3.2	2.2	0.9	0.2	0.0	9.4	5.2	2.3	0.5	3.0	5.4	10.5
3	3.7	1.7	1.4	0.4	0.2	0.0	3.6	1.4	0.8	0.2	0.0	3.8	6.0
4	0.9	0.2	0.2	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.1	0.1	0.1	-7777	-7777	0.2	0.2	0.1	0.0	0.0	0.0	0.0
11	1.6	1.1	0.8	0.2	-7777	0.0	1.2	0.3	0.1	0.0	0.0	0.7	2.0
12	5.4	3.3	2.0	0.6	0.2	0.0	7.5	4.6	2.8	0.6	1.5	5.2	8.2
Summary	24.8	13.0	8.7	3.1	0.9	0.0	34.9	19.6	9.9	1.8	5.8	20.8	38.1

@ 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: 1100 ft. Lat: 40.666° N Lon: 96.189° W

Generated on 08/15/2016

Station: **SYRACUSE, NE US GHCND:USC00258395**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	27	130	350	681	961	1136	1074	771	423	115	12
45	2	10	70	234	527	811	981	919	622	292	62	3
50	-7777	2	33	142	379	661	826	764	476	181	28	1
55	0	1	14	77	247	512	671	609	338	97	10	-7777
60	0	-7777	5	37	140	366	516	455	217	43	3	0
Growing Degree Units for Corn (Monthly)												
50/86	15	31	109	234	420	633	758	710	496	281	91	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	36	166	516	1197	2158	3294	4368	5139	5562	5677	5689
45	2	12	82	316	843	1654	2635	3554	4176	4468	4530	4533
50	0	2	35	177	556	1217	2043	2807	3283	3464	3492	3493
55	0	1	15	92	339	851	1522	2131	2469	2566	2576	2576
60	0	0	5	42	182	548	1064	1519	1736	1779	1782	1782
Growing Degree Units for Corn (Monthly)												
50/86	15	46	155	389	809	1442	2200	2910	3406	3687	3778	3794

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: 1715 ft. Lat: 40.198° N Lon: 98.073° W

Generated on 08/15/2016

Station: **NELSON, NE US GHCND:USC00255840**

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	0.63	4.3	2.1	0.3	0.0	0.23	0.60	0.81
2	0.70	4.6	2.2	0.2	0.0	0.28	0.54	1.07
3	1.80	6.7	3.8	1.1	0.3	0.89	1.56	2.32
4	2.62	8.5	5.4	1.7	0.6	1.59	2.43	3.38
5	4.52	10.9	7.4	3.0	1.4	2.78	4.61	6.15
6	3.50	10.4	6.2	2.3	1.0	2.04	3.02	4.43
7	4.07	8.7	5.9	2.5	1.2	2.15	3.44	5.43
8	3.09	8.2	5.0	2.1	0.9	2.24	2.64	4.35
9	2.72	7.0	4.7	1.8	0.7	1.59	1.93	3.50
10	2.02	6.2	3.6	1.3	0.5	0.80	1.25	2.86
11	1.34	5.3	2.9	0.9	0.2	0.60	0.97	1.41
12	0.81	4.0	2.1	0.4	0.1	0.26	0.67	1.24
Summary	27.82	84.8	51.3	17.6	6.9	15.45	23.66	36.95

@ 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: 1715 ft. Lat: 40.198° N Lon: 98.073° W

Generated on 08/15/2016

Station: **NELSON, NE US GHCND:USC00255840**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.1	2.9	1.7	0.4	0.2	-7777	10.0	4.5	1.9	0.4	2.1	4.9	6.5
2	5.4	2.8	1.8	0.7	0.3	0.0	7.9	4.3	2.5	0.6	1.3	5.0	6.7
3	4.4	1.7	1.1	0.6	0.2	-7777	3.0	1.6	1.1	0.4	0.5	1.8	5.0
4	0.9	0.2	0.2	0.1	-7777	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	-7777	0.0	0.0	0.0	0.0	0.0	0.0
10	0.9	0.1	0.1	0.1	-7777	-7777	0.2	0.1	0.1	0.1	0.0	0.0	0.0
11	1.9	1.0	0.5	0.3	0.1	0.0	1.4	0.9	0.2	0.0	0.0	0.5	3.0
12	4.8	2.3	1.6	0.6	0.1	-7777	9.1	5.1	2.5	0.5	1.0	4.2	5.8
Summary	23.4	11.0	7.0	2.8	0.9	0.0	31.8	16.7	8.4	2.0	4.9	16.4	27.0

@ 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: 930 ft. Lat: 40.054° N Lon: 95.464° W

Generated on 08/15/2016

Station: **RULO 2 W, NE US GHCND:USC00257401**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.5	14.4	25.0				-7777	0	0	0	0	0	931	993	1086	1241	0.0	0.0	5.2	11.6	30.5	4.5
2	41.0	17.9	29.5				-7777	-7777	-7777	0	0	0	715	771	855	995	0.0	0.0	8.0	7.2	25.5	1.5
3	52.8	28.8	40.8				17	12	6	1	0	0	458	514	602	752	0.0	0.0	16.8	1.2	19.4	0.0
4	64.5	39.4	52.0				75	55	31	9	1	-7777	166	206	272	400	0.0	0.4	26.4	0.0	7.0	0.0
5	74.3	52.3	63.3				273	222	153	67	19	10	16	26	50	120	0.0	0.9	31.0	0.0	0.2	0.0
6	83.0	62.0	72.5				524	465	375	229	102	64	-7777	-7777	-7777	5	0.0	2.6	30.0	0.0	0.0	0.0
7	87.3	66.4	76.9				676	615	522	368	219	164	0	0	0	1	0.3	10.2	31.0	0.0	0.0	0.0
8	86.2	63.7	75.0				618	556	463	311	170	123	-7777	-7777	-7777	3	0.0	8.2	31.0	0.0	0.0	0.0
9	79.1	54.1	66.6				354	300	225	117	43	24	6	12	28	69	0.0	2.0	30.0	0.0	0.0	0.0
10	66.9	42.0	54.5				114	87	55	23	8	4	131	166	227	350	0.0	0.2	29.6	0.0	5.3	0.0
11	52.0	29.2	40.6				5	3	1	-7777	-7777	-7777	437	495	583	732	0.0	0.0	17.0	0.9	20.0	0.0
12	37.8	18.0	27.9				-7777	-7777	0	0	0	0	839	901	994	1149	0.0	0.0	5.6	9.4	28.1	1.6
Summary	63.4	40.7	52.1				2656	2315	1831	1125	562	389	3699	4084	4697	5817	0.3	24.5	261.6	30.3	136.0	7.6

@ 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: 930 ft. Lat: 40.054° N Lon: 95.464° W

Generated on 08/15/2016

Station: **RULO 2 W, NE US GHCND:USC00257401**

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	0.82	4.1	3.0	0.4	0.0	0.37	0.81	1.16
2	1.15	4.3	3.1	0.7	0.3	0.49	0.98	1.50
3	2.26	6.4	4.0	1.1	0.3	1.06	1.82	3.44
4	3.38	7.9	6.1	2.5	0.9	1.70	3.17	4.37
5	4.85	8.8	6.6	3.3	1.1	2.69	4.29	5.99
6	4.41	10.1	7.6	3.7	1.5	3.24	4.25	5.51
7	4.49	7.3	5.7	2.5	1.3	2.52	4.18	5.30
8	3.64	6.4	4.7	2.3	1.0	1.76	2.97	5.77
9	2.94	5.8	4.3	1.6	0.8	1.79	2.46	4.48
10	2.58	6.2	5.1	2.0	0.8	1.67	2.38	3.48
11	2.04	4.8	3.1	1.4	0.4	1.02	1.65	2.93
12	1.01	4.3	2.2	0.8	0.1	0.40	0.79	1.65
Summary	33.57	76.4	55.5	22.3	8.5	18.71	29.75	45.58

@ 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: 930 ft. Lat: 40.054° N Lon: 95.464° W

Generated on 08/15/2016

Station: **RULO 2 W, NE US GHCND:USC00257401**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	6.7	2.5	2.3	0.9	0.3	0.1	@	@	@	@	3.4	5.8	9.0
2	5.7	2.0	1.7	0.9	0.5	0.0	@	@	@	@	0.6	5.0	10.0
3	1.6	0.8	0.6	0.3	0.0	0.0	@	@	@	@	0.0	2.0	3.0
4	0.6	0.3	0.2	0.1	0.1	0.0	@	@	@	@	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.4	0.1	0.1	0.1	0.1	0.0	@	@	@	@	0.0	0.0	0.0
11	1.0	0.5	0.4	0.1	0.1	0.0	@	@	@	@	0.0	0.0	1.2
12	5.4	1.9	1.8	1.0	0.4	0.0	@	@	@	@	0.0	4.0	7.1
Summary	21.4	8.1	7.1	3.4	1.5	0.1	0.0	0.0	0.0	0.0	4.0	16.8	30.3

@ 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: 930 ft. Lat: 40.054° N Lon: 95.464° W

Generated on 08/15/2016

Station: **RULO 2 W, NE US GHCND:USC00257401**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	32	140	374	722	975	1142	1083	798	452	115	19
45	2	11	76	251	567	825	987	928	648	312	54	4
50	1	4	38	148	415	674	831	772	499	198	20	-7777
55	-7777	-7777	17	75	273	524	676	618	354	114	5	-7777
60	0	-7777	6	31	153	375	522	463	225	55	1	0
Growing Degree Units for Corn (Monthly)												
50/86	15	33	107	233	437	662	787	734	510	281	83	17

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	40	180	554	1276	2251	3393	4476	5274	5726	5841	5860
45	2	13	89	340	907	1732	2719	3647	4295	4607	4661	4665
50	1	5	43	191	606	1280	2111	2883	3382	3580	3600	3600
55	0	0	17	92	365	889	1565	2183	2537	2651	2656	2656
60	0	0	6	37	190	565	1087	1550	1775	1830	1831	1831
Growing Degree Units for Corn (Monthly)												
50/86	15	48	155	388	825	1487	2274	3008	3518	3799	3882	3899

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: 1630 ft. Lat: 40.531° N Lon: 97.596° W

Generated on 08/15/2016

Station: **GENEVA, NE US GHCND:USC00253175**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	37.0	16.6	26.8	6.6	4.8	5.5	-7777	0	0	0	0	0	874	936	1029	1184	0.0	0.0	5.5	11.0	29.2	3.1
2	41.7	20.5	31.1	7.0	5.4	6.0	1	-7777	-7777	0	0	0	670	725	809	949	0.0	0.0	8.2	7.3	23.8	1.7
3	53.0	29.5	41.3	5.0	3.6	4.0	15	10	4	1	-7777	-7777	442	498	586	737	0.0	-7777	18.2	2.1	18.7	0.3
4	65.1	40.1	52.6	4.5	3.0	3.5	87	65	40	15	4	2	159	197	262	387	0.0	0.5	26.9	0.0	5.9	0.0
5	73.8	51.7	62.7	3.4	2.7	2.9	261	213	148	66	21	12	21	34	63	136	0.0	1.0	31.0	0.0	0.1	0.0
6	83.0	61.2	72.1	3.1	2.3	2.6	513	454	366	228	115	80	-7777	1	3	15	0.1	5.5	30.0	0.0	0.0	0.0
7	87.1	65.8	76.4	2.9	1.7	2.2	665	603	510	356	211	160	0	0	-7777	2	0.8	10.5	31.0	0.0	0.0	0.0
8	85.2	64.0	74.6	3.7	2.5	3.0	607	546	453	303	168	123	-7777	-7777	1	5	0.5	8.2	31.0	0.0	0.0	0.0
9	78.2	54.7	66.4	3.4	2.3	2.7	356	302	228	126	55	36	12	19	35	82	0.1	2.8	29.8	0.0	0.2	0.0
10	66.1	42.5	54.3	3.4	2.4	2.6	105	77	46	15	4	2	127	161	223	347	0.0	0.2	28.4	0.2	3.7	0.0
11	50.7	29.6	40.1	5.8	3.9	4.7	10	6	3	-7777	-7777	0	456	512	598	746	0.0	0.0	16.1	2.5	17.9	0.1
12	37.9	19.0	28.4	6.3	5.6	5.8	-7777	-7777	0	0	0	0	823	885	978	1133	0.0	0.0	5.4	9.0	28.3	2.0
Summary	63.2	41.3	52.2	4.6	3.4	3.8	2620	2276	1798	1110	578	415	3584	3968	4587	5723	1.5	28.7	261.5	32.1	127.8	7.2

@ 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: 1630 ft. Lat: 40.531° N Lon: 97.596° W

Generated on 08/15/2016

Station: **GENEVA, NE US GHCND:USC00253175**

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	3.4	1.6	0.2	0.1	0.18	0.41	0.89
2	0.61	3.2	1.8	0.1	0.0	0.14	0.49	0.82
3	1.84	5.9	4.0	1.1	0.3	0.72	1.54	2.45
4	2.59	7.0	5.2	1.7	0.7	1.47	2.33	3.23
5	4.78	10.3	8.0	3.5	1.5	2.66	4.55	5.89
6	4.43	8.5	6.4	3.3	1.6	2.11	3.98	6.24
7	3.46	7.3	5.5	2.2	1.1	1.91	2.96	4.23
8	3.48	6.9	5.4	2.5	1.1	2.52	3.19	4.31
9	3.33	5.9	4.6	2.1	0.9	1.66	2.93	4.50
10	2.11	5.7	4.1	1.4	0.5	0.92	1.44	2.98
11	1.33	3.9	2.6	0.7	0.2	0.29	1.03	1.93
12	0.72	3.4	2.0	0.4	0.1	0.23	0.54	0.92
Summary	29.27	71.4	51.2	19.2	8.1	14.81	25.39	38.39

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

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 1630 ft. Lat: 40.531° N Lon: 97.596° W

Generated on 08/15/2016

Station: **GENEVA, NE US GHCND:USC00253175**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.6	2.2	1.9	0.6	0.3	-7777	11.5	7.8	4.0	1.4	0.0	2.0	5.4
2	5.1	2.3	1.9	0.7	0.4	0.0	9.1	5.9	3.7	0.2	1.0	5.5	7.5
3	3.3	1.1	1.0	0.5	0.3	0.0	2.8	1.9	1.0	0.3	0.0	1.8	6.0
4	0.4	0.3	0.2	0.1	-7777	0.0	0.5	0.3	0.1	-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	0.1	-7777	-7777	-7777	0.0	0.0	-7777	-7777	0.0	0.0	0.0	0.0	0.0
10	0.1	0.1	0.1	0.0	0.0	0.0	0.3	0.2	0.1	0.1	0.0	0.0	0.0
11	2.1	0.9	0.7	0.2	-7777	0.0	2.4	1.4	0.6	-7777	0.0	0.5	2.0
12	5.2	1.7	1.5	0.6	0.2	0.0	8.9	5.8	3.6	0.9	0.0	4.5	8.0
Summary	19.9	8.6	7.3	2.7	1.2	0.0	35.5	23.3	13.1	2.9	1.0	14.3	28.9

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Summary of Monthly Normals 1981-2010

Elev: 1630 ft. Lat: 40.531° N Lon: 97.596° W

Generated on 08/15/2016

Station: **GENEVA, NE US GHCND:USC00253175**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	16	40	156	392	705	963	1130	1072	793	453	130	16
45	4	15	84	267	551	813	975	917	644	317	70	4
50	1	4	40	163	399	663	820	762	497	197	31	1
55	-7777	1	15	87	261	513	665	607	356	105	10	-7777
60	0	-7777	4	40	148	366	510	453	228	46	3	0
Growing Degree Units for Corn (Monthly)												
50/86	18	34	114	246	427	641	768	724	505	274	86	14

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	16	56	212	604	1309	2272	3402	4474	5267	5720	5850	5866
45	4	19	103	370	921	1734	2709	3626	4270	4587	4657	4661
50	1	5	45	208	607	1270	2090	2852	3349	3546	3577	3578
55	0	1	16	103	364	877	1542	2149	2505	2610	2620	2620
60	0	0	4	44	192	558	1068	1521	1749	1795	1798	1798
Growing Degree Units for Corn (Monthly)												
50/86	18	52	166	412	839	1480	2248	2972	3477	3751	3837	3851

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: 1617 ft. Lat: 40.027° N Lon: 98.069° W

Generated on 08/15/2016

Station: **SUPERIOR, NE US GHCND:USC00258320**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	38.0	13.2	25.6	6.2	4.4	5.1	-7777	0	0	0	0	0	911	973	1066	1221	0.0	0.0	6.1	10.4	30.6	4.0
2	42.9	16.8	29.8	7.0	5.2	5.8	-7777	-7777	-7777	0	0	0	704	760	844	984	0.0	0.0	9.1	6.6	26.1	2.7
3	53.9	25.9	39.9	4.8	3.8	3.9	10	6	2	-7777	-7777	0	478	536	625	778	0.0	-7777	19.1	2.2	23.2	0.5
4	65.3	36.6	51.0	4.8	2.8	3.6	67	49	29	10	2	1	189	230	300	431	0.0	0.3	26.6	0.0	10.1	0.0
5	74.8	49.2	62.0	3.3	2.8	2.8	245	198	136	60	19	11	28	43	74	153	0.0	1.4	31.0	0.0	0.5	0.0
6	84.9	59.2	72.1	3.2	2.4	2.7	512	453	365	228	116	81	1	1	4	17	0.5	7.7	30.0	0.0	0.0	0.0
7	89.9	64.3	77.1	2.9	1.9	2.3	685	623	530	376	230	177	0	0	-7777	1	2.2	15.5	31.0	0.0	0.0	0.0
8	87.9	61.6	74.7	3.8	2.7	3.2	612	550	458	309	175	131	-7777	-7777	1	7	1.8	12.1	31.0	0.0	0.0	0.0
9	79.9	51.7	65.8	3.5	2.6	2.8	340	288	217	119	53	35	16	24	43	95	0.1	4.6	29.8	0.0	0.5	0.0
10	66.9	38.7	52.8	3.7	2.4	2.6	85	61	35	11	3	1	153	192	258	390	0.0	0.3	28.6	0.1	7.8	0.0
11	51.9	25.7	38.8	5.6	3.7	4.3	7	4	2	-7777	0	0	493	550	638	786	0.0	0.0	17.3	2.0	22.2	0.1
12	38.9	15.1	27.0	6.2	5.2	5.5	-7777	0	0	0	0	0	868	930	1023	1178	0.0	0.0	6.5	9.1	30.3	3.0
Summary	64.6	38.2	51.4	4.6	3.3	3.7	2563	2232	1774	1113	598	437	3841	4239	4876	6041	4.6	41.9	266.1	30.4	151.3	10.3

@ 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: 1617 ft. Lat: 40.027° N Lon: 98.069° W

Generated on 08/15/2016

Station: **SUPERIOR, NE US GHCND:USC00258320**

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	0.63	4.9	2.0	0.1	0.0	0.21	0.61	0.84
2	0.73	5.0	2.4	0.3	0.0	0.41	0.71	0.93
3	2.06	7.8	4.3	1.3	0.4	0.90	1.88	2.48
4	2.55	9.4	5.4	1.5	0.3	1.58	2.08	3.09
5	4.51	11.5	7.6	3.1	1.2	2.34	4.36	5.94
6	3.56	9.7	6.1	2.5	0.7	2.03	3.40	4.67
7	3.79	8.7	5.7	2.4	1.2	2.53	3.42	4.42
8	3.08	8.8	5.1	2.2	0.8	2.05	3.10	4.05
9	2.56	6.7	4.1	1.7	0.6	1.17	1.88	3.75
10	2.02	6.8	3.8	1.1	0.5	0.79	1.46	3.56
11	1.40	5.3	2.9	0.8	0.3	0.60	0.88	1.62
12	0.96	4.9	2.4	0.6	0.1	0.40	0.62	1.37
Summary	27.85	89.5	51.8	17.6	6.1	15.01	24.40	36.72

@ 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: 1617 ft. Lat: 40.027° N Lon: 98.069° W

Generated on 08/15/2016

Station: **SUPERIOR, NE US GHCND:USC00258320**

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	5.0	3.8	1.8	0.5	0.1	0.0	11.6	5.2	2.1	0.5	2.1	4.3	7.0
2	5.2	3.6	1.8	0.6	0.1	0.0	9.1	5.4	3.3	0.4	1.9	4.5	6.6
3	3.7	2.3	0.8	0.4	0.2	0.1	2.9	1.4	0.8	0.3	0.7	2.1	3.6
4	0.8	0.6	0.3	-7777	-7777	0.0	0.5	0.2	0.1	0.0	0.0	0.0	0.7
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.1	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.4	0.2	-7777	-7777	-7777	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0
11	2.8	2.0	0.7	0.3	0.2	0.0	2.2	1.1	0.6	0.1	0.3	1.1	3.8
12	5.2	3.4	1.7	0.6	0.2	-7777	10.2	5.2	2.5	0.5	1.0	5.0	7.6
Summary	23.2	15.9	7.1	2.4	0.8	0.1	36.7	18.6	9.5	1.8	6.0	17.0	29.3

@ 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: 1617 ft. Lat: 40.027° N Lon: 98.069° W

Generated on 08/15/2016

Station: **SUPERIOR, NE US GHCND:USC00258320**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	29	133	347	682	962	1150	1077	774	409	107	8
45	1	9	68	229	528	811	995	922	625	278	55	1
50	-7777	2	30	134	379	661	840	767	479	167	22	-7777
55	-7777	-7777	10	67	245	512	685	612	340	85	7	-7777
60	0	-7777	2	29	136	365	530	458	217	35	2	0
Growing Degree Units for Corn (Monthly)												
50/86	20	42	122	244	424	629	759	706	498	278	95	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	37	170	517	1199	2161	3311	4388	5162	5571	5678	5686
45	1	10	78	307	835	1646	2641	3563	4188	4466	4521	4522
50	0	2	32	166	545	1206	2046	2813	3292	3459	3481	3481
55	0	0	10	77	322	834	1519	2131	2471	2556	2563	2563
60	0	0	2	31	167	532	1062	1520	1737	1772	1774	1774
Growing Degree Units for Corn (Monthly)												
50/86	20	62	184	428	852	1481	2240	2946	3444	3722	3817	3835

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: 1130 ft. Lat: 40.238° N Lon: 96.085° W

Generated on 08/15/2016

Station: **TABLE ROCK 4 N, NE US GHCND:USC00258410**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.8	13.6	24.7				0	0	0	0	0	0	939	1001	1094	1249	0.0	0.0	4.8	11.4	30.4	5.6
2	40.9	17.5	29.2				-7777	-7777	0	0	0	0	722	778	862	1002	0.0	0.0	7.3	8.2	26.6	1.8
3	52.0	27.3	39.7				15	10	5	-7777	0	0	491	548	636	786	0.0	0.0	17.5	1.9	21.9	0.3
4	64.0	38.5	51.3				70	49	27	6	-7777	-7777	183	222	289	419	0.0	0.0	26.2	0.0	7.3	0.0
5	73.8	50.2	62.0				242	193	131	56	15	8	25	38	69	149	0.0	0.4	30.8	0.0	0.0	0.0
6	83.2	60.4	71.8				504	445	356	218	102	68	-7777	1	2	14	0.0	3.9	30.0	0.0	0.0	0.0
7	88.2	65.6	76.9				678	617	524	371	225	171	0	0	-7777	2	1.2	12.3	31.0	0.0	0.0	0.0
8	86.6	63.0	74.8				613	552	459	309	174	128	-7777	-7777	1	5	0.9	9.2	31.0	0.0	0.0	0.0
9	78.8	52.8	65.8				334	283	210	110	46	30	10	19	36	86	0.1	2.9	30.0	0.0	0.0	0.0
10	66.7	40.5	53.6				101	76	46	16	6	3	144	181	244	370	0.0	0.1	28.3	0.0	6.3	0.0
11	51.5	28.6	40.1				7	4	2	-7777	-7777	0	456	513	600	749	0.0	0.0	17.0	1.7	20.6	0.0
12	37.5	16.1	26.8				-7777	-7777	0	0	0	0	873	935	1029	1184	0.0	0.0	5.3	10.4	29.6	2.7
Summary	63.3	39.5	51.4				2564	2229	1760	1086	568	408	3843	4236	4862	6015	2.2	28.8	259.2	33.6	142.7	10.4

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

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

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

**Summary of
 Monthly Normals
 1981-2010**

Elev: 1130 ft. Lat: 40.238° N Lon: 96.085° W

Generated on 08/15/2016

Station: **TABLE ROCK 4 N, NE US GHCND:USC00258410**

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	0.76	4.5	2.3	0.2	0.0	0.35	0.76	1.12
2	1.06	5.2	2.9	0.6	0.1	0.40	0.90	1.44
3	2.40	7.4	4.6	1.6	0.4	1.06	2.31	3.03
4	3.07	9.5	6.3	1.9	0.6	2.01	2.70	3.64
5	4.52	10.8	7.2	3.2	1.1	2.50	4.07	5.78
6	4.55	9.8	7.1	3.1	1.5	2.88	4.61	5.38
7	4.72	9.5	6.5	2.9	1.4	2.04	3.97	5.12
8	4.00	8.7	6.1	2.5	1.1	1.87	3.19	5.50
9	3.55	7.6	5.2	2.2	1.0	1.80	2.79	5.26
10	2.42	7.5	4.6	1.6	0.5	1.19	2.08	3.01
11	1.82	5.8	3.5	0.9	0.6	0.69	1.45	2.95
12	1.09	4.9	2.5	0.7	0.1	0.30	0.83	1.61
Summary	33.96	91.2	58.8	21.4	8.4	17.09	29.66	43.84

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

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

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 1130 ft. Lat: 40.238° N Lon: 96.085° W

Generated on 08/15/2016

Station: **TABLE ROCK 4 N, NE US GHCND:USC00258410**

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	2.7	1.9	0.6	0.2	0.0	10.0	5.3	2.7	0.7	2.2	4.4	9.4
2	5.5	2.8	1.9	0.8	0.2	0.0	7.9	4.8	2.3	0.8	1.2	5.2	7.7
3	3.1	1.7	1.3	0.4	0.1	-7777	2.6	1.3	0.6	0.2	0.5	2.9	4.3
4	0.8	0.6	0.4	0.1	-7777	0.0	0.4	0.2	0.1	-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	0.1	0.1	0.1	-7777	0.0	0.1	0.1	-7777	0.0	0.0	0.0	0.0
11	1.6	1.1	0.8	0.2	0.0	0.0	1.1	0.1	0.0	0.0	0.0	1.0	2.0
12	5.4	2.8	2.0	0.5	0.2	0.0	8.0	4.3	2.0	0.7	1.1	3.0	6.7
Summary	22.1	11.8	8.4	2.7	0.7	0.0	30.1	16.1	7.7	2.4	5.0	16.5	30.1

@ 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: 1130 ft. Lat: 40.238° N Lon: 96.085° W

Generated on 08/15/2016

Station: **TABLE ROCK 4 N, NE US GHCND:USC00258410**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	27	126	354	682	954	1143	1078	774	429	116	11
45	2	10	67	238	528	804	988	923	624	294	59	1
50	-7777	3	35	140	378	654	834	768	475	181	24	-7777
55	0	-7777	15	70	242	504	678	613	334	101	7	-7777
60	0	0	5	27	131	356	524	459	210	46	2	0
Growing Degree Units for Corn (Monthly)												
50/86	17	30	100	227	416	636	774	723	494	280	84	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	38	164	518	1200	2154	3297	4375	5149	5578	5694	5705
45	2	12	79	317	845	1649	2637	3560	4184	4478	4537	4538
50	0	3	38	178	556	1210	2044	2812	3287	3468	3492	3492
55	0	0	15	85	327	831	1509	2122	2456	2557	2564	2564
60	0	0	5	32	163	519	1043	1502	1712	1758	1760	1760
Growing Degree Units for Corn (Monthly)												
50/86	17	47	147	374	790	1426	2200	2923	3417	3697	3781	3796

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: 1500 ft. Lat: 40.392° N Lon: 97.240° W

Generated on 08/15/2016

Station: **WESTERN 2 W, NE US GHCND:USC00259150**

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	0.71	3.6	1.8	0.4	0.1	0.17	0.60	1.00
2	0.96	3.5	2.0	0.6	0.1	0.44	0.81	1.10
3	2.05	4.6	3.7	1.5	0.5	1.15	1.43	2.70
4	2.62	6.1	5.2	2.0	0.6	1.91	2.71	3.00
5	4.61	8.6	7.2	3.3	1.6	2.89	4.27	7.35
6	4.28	6.9	5.9	2.9	1.1	2.60	3.95	5.23
7	3.79	6.4	5.5	2.6	1.3	1.95	2.97	4.22
8	3.61	6.2	5.6	2.9	1.0	2.20	3.21	5.17
9	3.33	5.6	4.9	2.1	1.1	2.12	2.77	4.36
10	2.02	4.3	3.8	1.2	0.4	0.75	1.69	2.73
11	1.41	3.6	2.5	1.0	0.4	0.37	1.10	2.37
12	1.05	4.2	2.2	0.6	-7777	0.19	0.72	1.25
Summary	30.44	63.6	50.3	21.1	8.2	16.74	26.23	40.48

@ 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: 1500 ft. Lat: 40.392° N Lon: 97.240° W

Generated on 08/15/2016

Station: **WESTERN 2 W, NE US GHCND:USC00259150**

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	7.0	2.6	1.9	0.9	0.5	-7777	@	@	@	@	2.2	6.5	12.6
2	5.9	2.4	2.0	1.0	0.3	-7777	@	@	@	@	2.0	5.0	7.5
3	4.5	1.4	1.3	0.7	0.2	0.0	@	@	@	@	0.0	2.0	8.0
4	1.4	0.3	0.3	0.2	0.2	0.0	@	@	@	@	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.8	0.1	0.1	0.1	-7777	-7777	@	@	@	@	0.0	0.0	0.0
11	2.7	1.3	1.0	0.4	0.1	0.0	@	@	@	@	0.2	1.0	4.3
12	5.1	2.2	1.8	0.9	0.3	0.0	@	@	@	@	0.9	5.0	7.0
Summary	27.4	10.3	8.4	4.2	1.6	0.0	0.0	0.0	0.0	0.0	5.3	19.5	39.4

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

Summary of Monthly Normals 1981-2010

Elev: 980 ft. Lat: 40.080° N Lon: 95.592° W

Generated on 08/15/2016

Station: **FALLS CITY BRENNER FIELD, NE US GHCND:USW00094957**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	36.0	17.0	26.5	6.0	5.0	5.2	-7777	0	0	0	0	0	883	945	1038	1193	0.0	0.0	4.5	11.0	29.2	3.1
2	41.1	20.7	30.9	6.5	5.5	5.8	1	1	-7777	-7777	0	0	676	731	815	955	0.0	0.0	7.8	7.2	23.3	2.0
3	53.2	30.5	41.9	4.9	3.5	3.8	21	15	8	2	-7777	-7777	429	484	571	720	0.0	-7777	17.8	1.9	17.4	0.1
4	65.0	41.4	53.2	4.6	3.1	3.6	101	78	50	20	6	3	155	192	254	374	0.0	0.4	26.4	0.0	5.0	0.0
5	75.0	52.6	63.8	3.6	3.2	3.1	292	241	173	84	30	18	19	30	55	121	0.0	1.5	30.9	0.0	0.1	0.0
6	84.3	62.2	73.3	3.0	2.6	2.6	548	488	400	260	139	99	-7777	1	3	13	0.2	6.9	30.0	0.0	0.0	0.0
7	88.8	66.3	77.5	2.7	2.3	2.2	699	637	544	390	242	188	0	0	-7777	1	1.6	14.0	31.0	0.0	0.0	0.0
8	87.1	63.6	75.4	3.8	2.8	3.1	631	569	476	326	189	143	-7777	-7777	1	5	1.6	11.2	31.0	0.0	0.0	0.0
9	79.4	54.1	66.7	3.6	3.0	3.0	366	313	239	136	63	43	13	20	37	83	0.1	3.8	29.9	0.0	0.2	0.0
10	66.8	42.5	54.7	3.2	2.9	2.6	116	88	55	20	6	4	127	161	220	341	0.0	0.2	28.6	0.0	4.4	0.0
11	51.6	30.4	41.0	5.6	4.1	4.5	15	10	5	1	-7777	-7777	435	490	575	721	0.0	0.0	17.0	2.0	17.6	-7777
12	38.4	19.7	29.0	6.3	6.0	6.0	-7777	-7777	-7777	0	0	0	805	867	959	1114	0.0	0.0	6.2	9.3	27.3	2.0
Summary	63.9	41.8	52.8	4.5	3.7	3.8	2790	2440	1950	1239	675	498	3542	3921	4528	5641	3.5	38.0	261.1	31.4	124.5	7.2

@ 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: 980 ft. Lat: 40.080° N Lon: 95.592° W

Generated on 08/15/2016

Station: **FALLS CITY BRENNER FIELD, NE US GHCND:USW00094957**

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	0.65	4.9	2.1	0.1	-7777	0.37	0.51	0.91
2	0.94	6.1	2.6	0.4	0.1	0.45	0.70	1.59
3	2.34	8.4	4.6	1.6	0.4	1.11	2.28	3.15
4	3.18	10.1	6.0	2.1	0.8	2.05	3.02	3.98
5	4.58	11.6	7.8	3.3	1.3	3.04	4.22	5.44
6	4.88	11.1	7.0	3.1	1.6	3.33	4.76	5.90
7	5.04	10.5	6.3	3.4	1.5	2.49	3.35	5.56
8	4.04	10.2	5.6	2.4	1.3	1.44	3.00	6.28
9	3.55	9.4	5.2	2.3	1.1	1.57	2.60	5.63
10	2.64	8.4	4.8	1.8	0.7	1.50	2.56	3.71
11	1.96	6.8	3.6	1.1	0.5	1.02	1.48	3.40
12	0.98	6.1	2.5	0.6	0.1	0.37	0.83	1.56
Summary	34.78	103.6	58.1	22.2	9.4	18.74	29.31	47.11

@ 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: 980 ft. Lat: 40.080° N Lon: 95.592° W

Generated on 08/15/2016

Station: **FALLS CITY BRENNER FIELD, NE US GHCND:USW00094957**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.4	2.0	1.8	0.7	0.2	0.0	@	@	@	@	0.0	3.0	6.0
2	3.2	1.7	1.6	0.5	0.2	0.0	@	@	@	@	0.0	1.5	6.0
3	3.3	1.2	1.0	0.4	0.2	0.0	@	@	@	@	0.0	2.0	3.4
4	0.9	0.3	0.3	0.2	0.1	0.0	@	@	@	@	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.3	0.1	0.1	0.1	0.1	0.0	@	@	@	@	0.0	0.0	0.0
11	1.1	0.5	0.5	0.2	0.0	0.0	@	@	@	@	0.0	0.0	1.2
12	3.7	2.3	2.0	0.6	0.1	0.0	@	@	@	@	1.0	3.5	4.4
Summary	15.9	8.1	7.3	2.7	0.9	0.0	0.0	0.0	0.0	0.0	1.0	10.0	21.0

@ 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: 980 ft. Lat: 40.080° N Lon: 95.592° W

Generated on 08/15/2016

Station: **FALLS CITY BRENNER FIELD, NE US GHCND:USW00094957**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	39	168	409	738	997	1164	1096	802	462	144	23
45	4	16	95	283	583	847	1009	941	653	325	79	7
50	-7777	5	48	177	432	697	854	786	507	208	37	2
55	-7777	1	21	101	292	548	699	631	366	116	15	-7777
60	0	-7777	8	50	173	400	544	476	239	55	5	-7777
Growing Degree Units for Corn (Monthly)												
50/86	15	34	119	251	453	668	786	730	514	286	95	19

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	53	221	630	1368	2365	3529	4625	5427	5889	6033	6056
45	4	20	115	398	981	1828	2837	3778	4431	4756	4835	4842
50	0	5	53	230	662	1359	2213	2999	3506	3714	3751	3753
55	0	1	22	123	415	963	1662	2293	2659	2775	2790	2790
60	0	0	8	58	231	631	1175	1651	1890	1945	1950	1950
Growing Degree Units for Corn (Monthly)												
50/86	15	49	168	419	872	1540	2326	3056	3570	3856	3951	3970

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: 1090 ft. Lat: 40.204° N Lon: 95.706° W

Generated on 08/15/2016

Station: **SHUBERT 2 SW, NE US GHCND:USC00257800**

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	0.72	@	@	@	@			
2	1.15	@	@	@	@			
3	2.47	@	@	@	@			
4	3.13	@	@	@	@			
5	4.90	@	@	@	@			
6	4.40	@	@	@	@			
7	4.43	@	@	@	@			
8	3.67	@	@	@	@			
9	3.55	@	@	@	@			
10	2.61	@	@	@	@			
11	1.88	@	@	@	@			
12	1.11	@	@	@	@			
Summary	34.02	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: 1110 ft. Lat: 40.354° N Lon: 96.194° W

Generated on 08/15/2016

Station: **TECUMSEH, NE US GHCND:USC00258465**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.6	12.9	24.2	6.3	5.0	5.5	0	0	0	0	0	0	953	1015	1108	1263	0.0	0.0	4.6	12.2	30.4	4.8
2	40.6	17.0	28.8	6.6	5.8	5.9	1	-7777	-7777	-7777	0	0	734	790	874	1013	0.0	0.0	7.8	7.9	25.7	3.0
3	52.1	27.8	39.9	4.8	3.6	3.8	16	10	5	1	-7777	-7777	482	539	626	777	0.0	0.0	16.8	2.5	21.0	0.2
4	64.1	38.5	51.3	4.6	3.0	3.6	80	60	37	14	4	2	191	231	298	425	0.0	0.4	25.6	-7777	7.9	0.0
5	73.7	50.0	61.9	3.6	3.2	3.1	246	200	139	61	19	10	33	49	82	159	0.0	1.1	30.8	0.0	0.6	0.0
6	83.5	60.1	71.8	3.2	2.6	2.7	505	446	359	223	112	78	1	2	5	20	0.2	5.8	30.0	0.0	0.0	0.0
7	88.3	64.9	76.6	3.0	2.2	2.3	669	607	515	362	218	167	0	-7777	-7777	3	1.5	12.6	31.0	0.0	0.0	0.0
8	86.8	62.5	74.6	3.8	3.0	3.2	609	547	455	307	176	132	-7777	-7777	1	7	1.5	11.2	31.0	0.0	0.0	0.0
9	79.0	52.0	65.5	3.9	2.6	3.0	334	284	214	119	54	36	20	29	49	104	0.2	4.1	29.9	0.0	0.6	0.0
10	66.8	39.4	53.1	3.4	2.8	2.6	95	70	42	14	4	2	154	191	256	383	0.0	0.3	28.5	-7777	7.6	0.0
11	51.4	27.6	39.5	6.0	3.8	4.6	12	7	3	1	-7777	0	477	532	618	766	0.0	0.0	16.7	2.2	21.1	0.2
12	37.9	15.9	26.9	6.4	6.0	6.0	-7777	-7777	-7777	0	0	0	871	933	1026	1181	0.0	0.0	6.0	10.2	29.5	3.4
Summary	63.3	39.1	51.2	4.6	3.6	3.9	2567	2231	1769	1102	587	427	3916	4311	4943	6101	3.4	35.5	258.7	35.0	144.4	11.6

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

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

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

**Summary of
 Monthly Normals
 1981-2010**

Elev: 1110 ft. Lat: 40.354° N Lon: 96.194° W

Generated on 08/15/2016

Station: **TECUMSEH, NE US GHCND:USC00258465**

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	4.8	2.4	0.2	-7777	0.33	0.62	1.17
2	1.13	5.7	3.0	0.7	0.2	0.57	0.98	1.35
3	2.42	7.4	4.7	1.8	0.7	1.22	2.32	3.37
4	2.84	9.6	5.7	1.8	0.6	1.72	2.42	3.34
5	5.04	10.9	7.2	3.3	1.4	2.76	4.52	6.80
6	4.04	10.1	6.7	2.9	1.2	2.51	3.63	6.10
7	4.23	9.3	6.4	3.0	1.2	2.52	3.47	5.33
8	3.81	8.4	5.9	2.5	1.0	1.40	3.70	5.53
9	2.91	7.3	4.7	2.0	0.9	1.79	2.75	3.54
10	2.26	7.1	4.3	1.5	0.5	1.21	1.82	2.72
11	1.71	5.7	3.5	1.2	0.4	0.81	1.40	2.67
12	1.13	5.7	3.0	0.6	0.1	0.47	0.93	1.64
Summary	32.27	92.0	57.5	21.5	8.2	17.31	28.56	43.56

@ 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: 1110 ft. Lat: 40.354° N Lon: 96.194° W

Generated on 08/15/2016

Station: **TECUMSEH, NE US GHCND:USC00258465**

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	3.2	2.1	0.8	0.3	0.0	13.1	8.4	4.4	0.7	1.9	5.5	7.7
2	6.7	2.9	2.0	0.9	0.4	-7777	10.9	6.7	3.4	0.7	3.0	6.5	10.0
3	3.3	1.5	1.2	0.5	0.2	-7777	3.7	1.6	0.7	0.2	0.0	2.0	4.0
4	0.8	0.2	0.2	0.1	-7777	-7777	0.4	0.3	0.1	-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	0.2	0.1	0.0	0.0	0.2	0.1	-7777	0.0	0.0	0.0	0.0
11	1.8	1.0	0.7	0.2	-7777	0.0	1.6	0.5	0.1	0.0	0.0	0.5	3.0
12	5.6	2.9	2.0	0.9	0.3	-7777	9.6	6.4	3.0	0.9	0.5	4.0	6.0
Summary	24.1	11.9	8.4	3.5	1.2	0.0	39.5	24.0	11.7	2.5	5.4	18.5	30.7

@ 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: 1110 ft. Lat: 40.354° N Lon: 96.194° W

Generated on 08/15/2016

Station: **TECUMSEH, NE US GHCND:USC00258465**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	31	139	358	677	954	1135	1074	765	419	124	14
45	2	12	76	241	524	804	979	919	616	288	67	3
50	-7777	3	37	147	377	654	824	764	472	178	31	1
55	0	1	16	80	246	505	669	609	334	95	12	-7777
60	0	-7777	5	37	139	359	515	455	214	42	3	-7777
Growing Degree Units for Corn (Monthly)												
50/86	16	34	108	232	415	631	761	710	491	278	96	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	40	179	537	1214	2168	3303	4377	5142	5561	5685	5699
45	2	14	90	331	855	1659	2638	3557	4173	4461	4528	4531
50	0	3	40	187	564	1218	2042	2806	3278	3456	3487	3488
55	0	1	17	97	343	848	1517	2126	2460	2555	2567	2567
60	0	0	5	42	181	540	1055	1510	1724	1766	1769	1769
Growing Degree Units for Corn (Monthly)												
50/86	16	50	158	390	805	1436	2197	2907	3398	3676	3772	3790

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: 1255 ft. Lat: 40.127° N Lon: 96.671° W

Generated on 08/15/2016

Station: **WYMORE, NE US GHCND:USC00259475**

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	4.0	2.1	0.4	0.0	0.47	0.63	1.13
2	0.90	4.0	2.4	0.4	0.1	0.33	0.64	1.28
3	2.28	6.8	4.6	1.4	0.5	1.00	2.29	3.17
4	3.09	8.2	5.9	1.8	0.7	2.08	2.54	3.85
5	4.39	10.1	7.5	3.0	1.2	2.39	3.73	6.11
6	4.77	8.5	6.8	3.2	1.5	3.06	4.51	6.79
7	3.96	8.0	6.2	2.6	1.2	2.25	3.70	4.89
8	3.55	7.3	5.9	2.5	1.0	1.65	3.03	5.27
9	3.62	6.5	5.0	2.3	1.1	1.78	3.74	4.78
10	2.10	6.3	4.4	1.4	0.3	1.18	1.94	2.88
11	1.37	5.1	3.0	0.8	0.3	0.76	1.05	1.82
12	1.04	5.5	3.0	0.6	0.1	0.32	0.80	1.41
Summary	31.82	80.3	56.8	20.4	8.0	17.27	28.60	43.38

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

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

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

**Summary of
 Monthly Normals
 1981-2010**

Elev: 1255 ft. Lat: 40.127° N Lon: 96.671° W

Generated on 08/15/2016

Station: **WYMORE, NE US GHCND:USC00259475**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	6.3	2.8	2.2	1.0	0.3	0.0	12.1	8.0	4.7	1.1	3.5	6.0	9.0
2	4.6	2.2	1.7	0.7	0.3	0.0	8.4	4.6	2.9	0.6	0.0	3.2	7.5
3	2.5	1.3	0.8	0.4	0.1	0.0	2.4	0.9	0.5	0.2	0.0	1.0	2.8
4	0.3	0.1	0.1	0.1	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.2	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.7	0.8	0.7	0.2	0.1	0.0	1.5	0.7	0.3	0.0	0.0	0.0	1.3
12	6.2	3.0	2.2	0.7	0.2	-7777	9.6	6.3	3.8	1.4	1.5	4.6	8.3
Summary	21.8	10.2	7.7	3.1	1.0	0.0	34.1	20.5	12.2	3.3	5.0	14.8	28.9

@ 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: 1460 ft. Lat: 40.609° N Lon: 96.872° W

Generated on 08/15/2016

Station: **CRETE 4 ESE, NE US GHCND:USC00252020**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	36.5	15.2	25.8	6.8	5.5	6.0	-7777	0	0	0	0	0	904	966	1059	1214	0.0	0.0	5.0	11.3	29.6	3.8
2	41.6	18.6	30.1	7.1	5.6	6.1	1	-7777	-7777	0	0	0	698	753	837	977	0.0	0.0	8.4	7.6	24.9	2.5
3	52.4	28.1	40.3	5.2	3.5	3.9	13	8	4	1	-7777	-7777	470	528	616	768	0.0	0.0	17.8	2.2	20.4	0.4
4	64.1	39.6	51.8	4.8	3.0	3.7	83	62	38	14	4	2	178	216	282	409	0.0	0.3	25.8	-7777	6.7	0.0
5	74.0	51.9	62.9	3.5	2.9	2.9	267	219	154	71	25	15	21	34	63	135	0.0	0.9	30.9	0.0	0.2	0.0
6	83.6	61.8	72.7	3.4	2.7	2.9	531	472	384	245	129	91	-7777	1	3	14	0.2	5.4	30.0	0.0	0.0	0.0
7	88.3	66.7	77.5	2.8	2.2	2.2	697	635	542	388	241	186	0	0	-7777	1	0.9	12.3	31.0	0.0	0.0	0.0
8	86.2	63.9	75.1	4.0	2.6	3.2	621	559	467	317	180	134	-7777	-7777	-7777	5	0.8	9.5	31.0	0.0	0.0	0.0
9	79.1	54.4	66.7	3.4	2.5	2.7	366	313	238	133	58	39	14	20	36	80	0.1	2.8	29.9	0.0	0.2	0.0
10	67.3	41.9	54.6	3.5	2.6	2.7	112	84	51	18	4	2	125	158	219	340	0.0	0.3	29.1	0.1	4.9	0.0
11	51.6	28.9	40.3	6.0	4.4	4.9	13	8	4	1	-7777	0	456	511	596	743	0.0	0.0	16.7	2.1	18.7	0.1
12	37.8	17.6	27.7	6.4	6.1	6.0	-7777	0	0	0	0	0	846	908	1001	1156	0.0	0.0	5.6	9.9	28.8	2.5
Summary	63.5	40.7	52.1	4.7	3.6	3.9	2704	2360	1882	1188	641	469	3712	4095	4712	5842	2.0	31.5	261.2	33.2	134.4	9.3

@ 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: 1460 ft. Lat: 40.609° N Lon: 96.872° W

Generated on 08/15/2016

Station: **CRETE 4 ESE, NE US GHCND:USC00252020**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.56	3.9	1.7	0.2	0.0	0.20	0.47	0.96
2	0.64	4.1	2.0	0.3	-7777	0.24	0.63	0.94
3	1.88	6.1	3.6	1.3	0.4	0.87	1.51	2.59
4	2.61	7.9	5.1	1.7	0.6	2.05	2.45	2.98
5	4.75	11.6	7.5	3.2	1.4	2.55	4.22	5.94
6	4.38	10.1	6.3	3.2	1.5	3.26	4.31	5.77
7	3.71	9.5	5.8	2.5	1.0	2.40	2.92	4.87
8	3.47	9.3	5.5	2.3	0.8	2.02	3.09	4.78
9	3.25	8.3	4.9	2.4	0.9	1.97	3.34	4.06
10	2.04	7.1	4.1	1.3	0.4	0.90	1.53	2.98
11	1.29	4.8	2.2	0.8	0.2	0.68	0.89	1.52
12	0.88	5.3	2.0	0.5	0.1	0.30	0.69	0.95
Summary	29.46	88.0	50.7	19.7	7.3	17.44	26.05	38.34

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

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

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

**Summary of
 Monthly Normals
 1981-2010**

Elev: 1460 ft. Lat: 40.609° N Lon: 96.872° W

Generated on 08/15/2016

Station: **CRETE 4 ESE, NE US GHCND:USC00252020**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.7	2.5	1.4	0.5	0.2	0.0	12.0	7.3	4.1	0.6	0.5	3.8	7.2
2	4.7	2.7	1.7	0.7	0.2	0.0	8.8	5.9	2.7	0.3	2.0	3.6	8.2
3	4.4	1.3	1.1	0.5	0.3	-7777	3.2	1.7	1.0	0.1	0.0	1.1	8.0
4	0.6	0.3	0.2	0.1	0.0	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	-7777	0.0	0.0	0.0	0.0	0.0	0.0
10	0.6	0.1	0.1	-7777	-7777	-7777	0.3	0.1	0.1	0.1	0.0	0.0	0.0
11	2.2	1.3	0.9	0.3	0.1	-7777	2.4	1.0	0.4	0.1	0.0	0.6	2.0
12	5.6	2.8	1.8	0.7	0.2	0.0	10.4	6.7	3.9	0.9	2.3	3.6	6.0
Summary	22.8	11.0	7.2	2.8	1.0	0.0	37.4	22.8	12.3	2.1	4.8	12.7	31.4

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

Summary of Monthly Normals 1981-2010

Elev: 1460 ft. Lat: 40.609° N Lon: 96.872° W

Generated on 08/15/2016

Station: **CRETE 4 ESE, NE US GHCND:USC00252020**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	36	142	374	712	981	1162	1086	802	462	135	14
45	3	12	75	253	557	831	1007	931	653	325	73	4
50	-7777	3	34	155	406	681	852	776	506	206	33	1
55	-7777	1	13	83	267	531	697	621	366	112	13	-7777
60	0	-7777	4	38	154	384	542	467	238	51	4	0
Growing Degree Units for Corn (Monthly)												
50/86	16	36	109	235	434	657	791	730	516	291	94	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	49	191	565	1277	2258	3420	4506	5308	5770	5905	5919
45	3	15	90	343	900	1731	2738	3669	4322	4647	4720	4724
50	0	3	37	192	598	1279	2131	2907	3413	3619	3652	3653
55	0	1	14	97	364	895	1592	2213	2579	2691	2704	2704
60	0	0	4	42	196	580	1122	1589	1827	1878	1882	1882
Growing Degree Units for Corn (Monthly)												
50/86	16	52	161	396	830	1487	2278	3008	3524	3815	3909	3924

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: 930 ft. Lat: 40.370° N Lon: 95.747° W

Generated on 08/15/2016

Station: **AUBURN 5 ESE, NE US GHCND:USC00250435**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.7	15.3	25.5	6.6	5.4	5.8	-7777	-7777	0	0	0	0	914	976	1069	1224	0.0	0.0	4.5	11.8	29.5	3.8
2	40.8	19.8	30.3	6.8	5.9	6.1	1	1	-7777	-7777	0	0	693	748	832	971	0.0	0.0	7.2	7.7	23.6	2.5
3	53.5	30.3	41.9	4.9	3.5	3.8	22	16	9	2	-7777	-7777	428	484	570	718	0.0	-7777	18.0	1.9	18.2	0.2
4	66.1	41.3	53.7	4.6	3.0	3.6	106	82	54	23	8	5	145	181	243	362	0.0	0.7	27.0	-7777	5.7	0.0
5	75.8	52.6	64.2	3.5	3.2	3.1	303	252	184	92	35	21	18	29	54	117	0.1	2.0	30.9	0.0	0.4	0.0
6	84.7	62.3	73.5	3.0	2.6	2.6	555	495	407	266	143	103	-7777	-7777	2	11	0.3	6.7	30.0	0.0	0.0	0.0
7	88.5	66.6	77.6	3.0	2.4	2.5	699	637	544	390	242	188	0	0	-7777	1	1.5	12.5	31.0	0.0	0.0	0.0
8	87.1	64.2	75.6	4.0	3.0	3.3	640	578	486	335	198	151	-7777	-7777	-7777	5	1.4	10.9	31.0	0.0	0.0	0.0
9	80.1	54.5	67.3	3.8	2.9	3.1	380	327	253	149	74	53	12	18	34	80	0.1	4.8	29.9	0.0	0.4	0.0
10	67.5	42.5	55.0	3.7	2.8	2.7	123	94	60	25	8	5	123	156	215	335	0.0	0.6	28.7	0.0	5.2	0.0
11	51.6	30.0	40.8	5.8	3.9	4.5	15	10	5	1	-7777	-7777	441	496	581	727	0.0	0.0	16.7	2.0	17.7	0.1
12	37.8	18.1	28.0	6.5	6.3	6.2	-7777	-7777	-7777	0	0	0	839	901	993	1148	0.0	0.0	5.6	9.9	28.2	3.0
Summary	64.1	41.5	52.8	4.7	3.7	3.9	2844	2492	2002	1283	708	526	3613	3989	4593	5699	3.4	38.2	260.5	33.3	128.9	9.6

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

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

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

**Summary of
 Monthly Normals
 1981-2010**

Elev: 930 ft. Lat: 40.370° N Lon: 95.747° W

Generated on 08/15/2016

Station: **AUBURN 5 ESE, NE US GHCND:USC00250435**

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	0.74	5.4	2.3	0.2	0.0	0.41	0.75	1.14
2	1.10	5.7	3.0	0.4	0.1	0.55	1.13	1.40
3	2.27	7.9	5.0	1.5	0.3	0.95	2.20	3.41
4	2.80	8.9	5.5	1.5	0.8	1.80	2.57	3.09
5	4.52	9.9	7.0	2.9	1.4	2.63	3.54	6.44
6	4.24	9.3	6.5	2.7	1.3	2.66	4.15	5.58
7	4.09	8.3	6.1	2.8	1.3	2.33	3.94	4.90
8	3.61	7.9	5.4	2.3	0.8	1.51	3.42	4.88
9	3.07	6.9	5.1	2.0	0.9	1.65	2.70	4.21
10	2.27	6.7	4.5	1.4	0.5	1.24	2.06	3.20
11	1.82	5.4	3.4	1.1	0.6	0.76	1.34	2.13
12	1.15	6.6	3.1	0.7	0.1	0.57	0.89	1.72
Summary	31.68	88.9	56.9	19.5	8.1	17.06	28.69	42.10

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 930 ft. Lat: 40.370° N Lon: 95.747° W

Generated on 08/15/2016

Station: **AUBURN 5 ESE, NE US GHCND:USC00250435**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	6.7	4.1	2.2	0.6	0.3	0.0	13.5	8.0	5.1	1.3	2.3	7.3	9.1
2	7.1	4.1	2.4	0.9	0.2	0.0	11.7	6.7	3.4	0.7	2.4	5.2	11.4
3	4.9	2.9	1.6	0.6	0.1	-7777	3.9	1.4	0.5	0.2	1.5	4.0	6.5
4	1.3	0.9	0.4	0.1	0.1	0.0	0.4	0.2	0.1	-7777	0.0	0.0	0.5
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	0.3	0.1	0.1	-7777	-7777	0.2	-7777	-7777	0.0	0.0	0.0	0.0
11	2.3	1.6	0.9	0.3	0.1	0.0	2.1	0.7	0.2	0.0	0.2	1.3	3.5
12	7.8	4.7	2.4	0.9	0.2	-7777	10.8	6.9	3.4	0.9	2.1	5.6	10.0
Summary	30.7	18.6	10.0	3.5	1.0	0.0	42.6	23.9	12.7	3.1	8.5	23.4	41.0

@ 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: 930 ft. Lat: 40.370° N Lon: 95.747° W

Generated on 08/15/2016

Station: **AUBURN 5 ESE, NE US GHCND:USC00250435**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	37	169	422	750	1005	1164	1105	819	473	142	17
45	3	14	95	293	595	855	1009	950	670	335	79	5
50	-7777	4	48	186	443	705	854	795	522	217	38	1
55	-7777	1	22	106	303	555	699	640	380	123	15	-7777
60	0	-7777	9	54	184	407	544	486	253	60	5	-7777
Growing Degree Units for Corn (Monthly)												
50/86	15	32	121	264	468	675	791	742	529	299	97	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	49	218	640	1390	2395	3559	4664	5483	5956	6098	6115
45	3	17	112	405	1000	1855	2864	3814	4484	4819	4898	4903
50	0	4	52	238	681	1386	2240	3035	3557	3774	3812	3813
55	0	1	23	129	432	987	1686	2326	2706	2829	2844	2844
60	0	0	9	63	247	654	1198	1684	1937	1997	2002	2002
Growing Degree Units for Corn (Monthly)												
50/86	15	47	168	432	900	1575	2366	3108	3637	3936	4033	4049

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: 1470 ft. Lat: 40.010° N Lon: 97.498° W

Generated on 08/15/2016

Station: **HUBBELL, NE US GHCND:USC00254043**

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	3.9	2.0	0.2	0.0	0.23	0.65	0.92
2	0.79	4.3	2.6	0.4	-7777	0.39	0.66	1.06
3	2.00	6.2	4.2	1.3	0.3	1.02	1.65	2.44
4	2.69	7.9	5.4	1.8	0.6	1.57	2.56	3.57
5	4.37	10.9	7.7	3.0	1.2	2.37	4.39	6.71
6	4.60	8.4	6.4	3.1	1.4	3.29	3.99	5.95
7	3.79	7.3	6.0	2.5	1.2	1.75	2.96	4.34
8	3.60	7.6	5.5	2.2	1.1	2.01	3.61	4.72
9	3.26	6.6	4.8	2.1	0.9	1.51	2.92	4.52
10	2.08	5.7	4.0	1.3	0.4	0.90	1.59	2.92
11	1.43	4.7	2.8	0.9	0.3	0.60	0.99	2.20
12	0.93	3.9	2.6	0.5	0.1	0.32	0.70	1.54
Summary	30.15	77.4	54.0	19.3	7.5	15.96	26.67	40.89

@ 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: 1470 ft. Lat: 40.010° N Lon: 97.498° W

Generated on 08/15/2016

Station: **HUBBELL, NE US GHCND:USC00254043**

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	2.4	2.1	0.8	0.2	-7777	9.0	5.4	2.7	0.7	2.0	6.3	7.5
2	5.6	2.4	2.0	1.0	0.3	0.0	7.3	5.0	3.1	0.4	1.0	5.7	7.0
3	3.6	1.4	1.3	0.6	0.2	-7777	2.7	1.3	0.5	0.2	0.5	2.0	5.5
4	0.8	0.3	0.3	0.1	0.1	0.0	0.2	0.1	-7777	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.5	0.1	0.1	0.1	-7777	0.0	0.1	0.1	-7777	0.0	0.0	0.0	0.0
11	2.7	1.0	0.9	0.4	0.2	0.0	2.0	0.9	0.3	0.0	0.0	1.3	5.0
12	5.3	1.9	1.9	0.9	0.2	-7777	7.4	5.1	2.8	0.8	2.0	4.0	7.0
Summary	24.3	9.5	8.6	3.9	1.2	0.0	28.7	17.9	9.4	2.1	5.5	19.3	32.0

@ 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: 1350 ft. Lat: 40.074° N Lon: 97.167° W

Generated on 08/15/2016

Station: **FAIRBURY 5 S, NE US GHCND:USC00252820**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	36.8	14.4	25.6	6.3	4.8	5.3	-7777	0	0	0	0	0	911	973	1066	1221	0.0	0.0	5.6	11.5	30.2	4.2
2	41.6	17.9	29.8	6.8	5.4	5.9	1	-7777	-7777	0	0	0	707	763	847	987	0.0	0.0	8.5	7.3	25.8	2.5
3	53.0	27.3	40.1	4.8	3.7	3.9	14	9	4	1	-7777	0	474	531	619	771	0.0	0.0	17.8	2.1	21.9	0.3
4	64.4	37.6	51.0	4.5	3.0	3.5	73	54	33	11	3	1	193	234	302	431	0.0	0.5	25.6	-7777	8.9	0.0
5	73.7	49.1	61.4	3.4	2.9	2.9	231	185	126	54	16	8	32	49	83	165	0.0	1.1	30.8	0.0	0.6	0.0
6	83.7	59.3	71.5	3.5	2.6	2.9	496	437	350	217	109	76	1	2	5	22	0.3	6.4	30.0	0.0	0.0	0.0
7	89.0	64.7	76.8	3.2	2.1	2.3	677	615	522	369	225	174	0	0	-7777	2	1.8	14.0	31.0	0.0	0.0	0.0
8	87.2	62.7	74.9	4.1	2.7	3.2	618	556	464	314	181	137	-7777	-7777	1	6	1.8	11.8	31.0	0.0	0.0	0.0
9	79.3	52.6	66.0	3.6	2.7	2.8	344	292	220	122	55	36	15	23	42	93	0.1	4.0	29.8	0.0	0.2	0.0
10	66.8	40.2	53.5	3.6	2.7	2.7	98	72	42	14	3	2	144	181	244	370	0.0	0.3	28.6	0.1	6.3	0.0
11	51.7	27.8	39.8	5.8	3.8	4.4	11	7	3	1	-7777	-7777	469	524	610	758	0.0	0.0	17.0	2.0	21.2	0.1
12	38.6	17.0	27.8	6.6	6.1	6.1	-7777	-7777	-7777	0	0	0	843	905	998	1153	0.0	0.0	6.9	9.9	29.8	2.6
Summary	63.8	39.2	51.5	4.7	3.5	3.8	2563	2227	1764	1103	592	434	3789	4185	4817	5979	4.0	38.1	262.6	32.9	144.9	9.7

@ 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: 1350 ft. Lat: 40.074° N Lon: 97.167° W

Generated on 08/15/2016

Station: **FAIRBURY 5 S, NE US GHCND:USC00252820**

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	0.70	4.6	2.2	0.4	0.0	0.30	0.61	1.04
2	0.86	5.0	2.6	0.4	0.1	0.42	0.79	1.01
3	2.07	7.1	4.5	1.5	0.3	1.32	1.80	2.69
4	2.95	9.6	5.9	1.8	0.6	2.11	2.65	3.62
5	4.84	11.7	8.1	3.0	1.4	2.69	3.92	6.89
6	4.82	9.9	7.0	3.3	1.3	3.51	4.55	5.88
7	4.22	8.8	5.9	2.6	1.2	1.88	3.21	4.76
8	4.01	8.6	5.9	2.8	1.3	2.37	4.00	4.86
9	3.26	7.9	5.2	2.2	0.9	2.03	3.27	4.27
10	2.15	6.8	4.3	1.5	0.4	0.95	1.80	3.18
11	1.49	5.6	3.0	0.9	0.3	0.76	1.10	2.33
12	1.01	4.8	2.5	0.6	0.1	0.30	0.85	1.38
Summary	32.38	90.4	57.1	21.0	7.9	18.64	28.55	41.91

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

**Summary of
 Monthly Normals
 1981-2010**

Elev: 1350 ft. Lat: 40.074° N Lon: 97.167° W

Generated on 08/15/2016

Station: **FAIRBURY 5 S, NE US GHCND:USC00252820**

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	3.3	2.0	0.7	0.3	0.0	12.3	7.5	3.9	1.0	2.0	3.1	8.0
2	5.3	3.1	1.9	0.7	0.3	0.0	8.9	6.1	3.3	1.1	1.2	4.8	7.8
3	3.5	1.5	1.2	0.4	0.2	0.0	2.8	1.4	0.8	0.2	0.0	1.8	5.3
4	0.8	0.4	0.3	0.1	0.1	0.0	0.4	0.2	0.1	-7777	0.0	0.0	0.7
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	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	0.2	0.1	-7777	-7777	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0
11	2.7	1.3	1.0	0.3	0.2	0.0	2.1	1.0	0.6	0.0	0.0	1.1	4.2
12	5.4	2.9	1.9	0.8	0.1	-7777	9.0	5.7	3.7	0.7	1.0	3.5	8.6
Summary	23.4	12.7	8.4	3.0	1.2	0.0	35.7	22.0	12.5	3.0	4.2	14.3	34.6

@ 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: 1350 ft. Lat: 40.074° N Lon: 97.167° W

Generated on 08/15/2016

Station: **FAIRBURY 5 S, NE US GHCND:USC00252820**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	34	140	350	663	945	1142	1083	779	430	125	13
45	2	12	75	232	510	795	987	928	630	297	68	3
50	-7777	3	35	139	362	645	832	773	483	184	31	-7777
55	-7777	1	14	73	231	496	677	618	344	98	11	-7777
60	0	-7777	4	33	126	350	522	464	220	42	3	-7777
Growing Degree Units for Corn (Monthly)												
50/86	18	38	116	234	404	618	758	713	495	279	97	20

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	45	185	535	1198	2143	3285	4368	5147	5577	5702	5715
45	2	14	89	321	831	1626	2613	3541	4171	4468	4536	4539
50	0	3	38	177	539	1184	2016	2789	3272	3456	3487	3487
55	0	1	15	88	319	815	1492	2110	2454	2552	2563	2563
60	0	0	4	37	163	513	1035	1499	1719	1761	1764	1764
Growing Degree Units for Corn (Monthly)												
50/86	18	56	172	406	810	1428	2186	2899	3394	3673	3770	3790

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: 1734 ft. Lat: 40.503° N Lon: 97.937° W

Generated on 08/15/2016

Station: **CLAY CENTER 6 ESE, NE US GHCND:USC00251680**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.50	3.8	1.7	0.2	0.0	0.17	0.43	0.81
2	0.62	4.4	1.7	0.2	0.0	0.28	0.58	0.86
3	1.88	6.3	4.1	1.0	0.3	0.76	1.69	2.58
4	2.28	7.1	4.8	1.8	0.5	1.26	2.18	3.14
5	4.39	10.0	7.7	3.1	1.0	2.66	4.89	5.54
6	3.84	8.9	6.4	2.7	1.1	2.50	3.82	4.74
7	3.68	7.2	5.2	2.3	1.1	1.71	2.72	4.50
8	3.36	7.2	5.5	2.2	0.9	2.20	3.15	4.60
9	2.55	5.9	4.2	1.6	0.7	1.20	1.98	3.68
10	2.17	5.8	3.8	1.4	0.6	0.91	1.80	3.43
11	1.44	4.7	2.8	0.9	0.4	0.48	1.26	2.25
12	0.79	4.2	2.1	0.4	0.1	0.16	0.62	1.04
Summary	27.50	75.5	50.0	17.8	6.7	14.29	25.12	37.17

@ 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: 1734 ft. Lat: 40.503° N Lon: 97.937° W

Generated on 08/15/2016

Station: **CLAY CENTER 6 ESE, NE US GHCND:USC00251680**

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	3.1	1.8	0.6	0.3	0.0	14.1	8.4	4.9	1.6	1.5	3.8	6.2
2	5.6	3.3	1.9	0.8	0.3	0.0	12.2	6.4	3.6	0.9	3.1	4.5	7.4
3	3.9	1.9	1.3	0.6	0.2	-7777	4.3	2.0	1.2	0.2	0.5	1.9	5.7
4	1.0	0.5	0.4	0.1	0.1	0.0	1.0	0.3	0.1	0.0	0.0	0.0	1.0
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	0.2	0.1	0.1	-7777	-7777	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
10	0.8	0.2	0.2	0.1	-7777	-7777	0.3	0.2	0.1	0.1	0.0	0.0	0.0
11	2.3	1.6	1.0	0.2	0.1	-7777	2.8	1.0	0.7	0.2	0.0	1.2	2.6
12	5.2	2.9	1.9	0.6	0.3	0.0	10.5	5.4	3.3	1.5	1.4	4.4	6.4
Summary	23.9	13.6	8.6	3.0	1.3	0.0	45.3	23.7	13.9	4.5	6.5	15.8	29.3

@ Denotes mean number of days greater than 0 but less than 0.05.
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Summary of Monthly Normals 1981-2010

Elev: 1535 ft. Lat: 40.656° N Lon: 97.221° W

Generated on 08/15/2016

Station: **FRIEND 3 E, NE US GHCND:USC00253065**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	34.9	12.7	23.8				0	0	0	0	0	0	967	1029	1122	1277	0.0	0.0	3.3	11.7	30.7	5.0
2	40.3	16.8	28.6				-7777	0	0	0	0	0	741	796	880	1020	0.0	0.0	6.3	7.0	27.0	0.3
3	50.4	26.7	38.6				4	2	1	-7777	0	0	514	574	666	820	0.0	0.0	16.3	2.3	19.7	0.0
4	63.2	37.6	50.4				44	29	13	3	-7777	-7777	183	227	301	441	0.0	0.0	26.3	0.0	5.7	0.0
5	73.3	49.8	61.6				229	182	123	56	18	9	26	41	75	163	0.0	0.8	31.0	0.0	0.0	0.0
6	82.6	60.0	71.3				488	429	340	197	75	40	-7777	-7777	1	8	0.0	2.0	30.0	0.0	0.0	0.0
7	85.9	64.4	75.2				624	562	469	315	168	116	0	0	0	1	0.0	6.5	31.0	0.0	0.0	0.0
8	84.6	61.5	73.1				559	497	405	257	126	88	-7777	-7777	1	7	0.0	6.3	31.0	0.0	0.0	0.0
9	77.8	52.1	65.0				306	253	181	85	29	16	8	15	33	87	0.0	1.5	30.0	0.0	0.0	0.0
10	65.3	39.5	52.4				78	55	30	8	1	-7777	158	198	265	398	0.0	0.0	28.0	0.0	4.8	0.0
11	50.1	26.8	38.4				2	1	-7777	0	0	0	499	558	647	797	0.0	0.0	14.5	0.8	22.3	0.0
12	36.3	15.6	26.0				0	0	0	0	0	0	900	962	1055	1210	0.0	0.0	3.3	11.8	30.5	1.0
Summary	62.1	38.6	50.4				2334	2010	1562	921	417	269	3996	4400	5046	6229	0	17.1	251.0	33.6	140.7	6.3

@ 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: 1535 ft. Lat: 40.656° N Lon: 97.221° W

Generated on 08/15/2016

Station: **FRIEND 3 E, NE US GHCND:USC00253065**

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	5.2	2.1	0.2	0.0	0.31	0.61	0.94
2	0.69	5.5	2.0	0.2	-7777	0.30	0.59	0.91
3	2.06	7.5	4.3	1.2	0.4	1.10	1.76	2.87
4	2.61	9.7	5.3	1.4	0.5	1.49	2.28	3.46
5	4.85	12.7	7.7	3.2	1.2	2.09	4.87	6.76
6	4.32	10.1	6.2	3.0	1.3	3.04	4.13	6.03
7	3.44	9.3	5.9	2.3	0.7	1.77	2.81	4.65
8	3.18	9.4	6.0	2.4	0.7	1.85	3.03	3.82
9	3.15	7.6	4.8	1.8	0.7	2.08	2.67	3.97
10	2.05	7.0	4.2	1.2	0.4	0.78	1.66	3.03
11	1.35	5.7	2.6	0.9	0.3	0.60	0.93	2.41
12	0.91	5.5	2.1	0.4	0.1	0.30	0.69	1.26
Summary	29.27	95.2	53.2	18.2	6.3	15.71	26.03	40.11

@ 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: 1535 ft. Lat: 40.656° N Lon: 97.221° W

Generated on 08/15/2016

Station: **FRIEND 3 E, NE US GHCND:USC00253065**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.1	2.7	1.8	0.8	0.3	0.0	10.5	5.7	3.2	1.4	1.5	4.4	7.7
2	4.8	2.9	1.7	0.7	0.2	0.0	8.5	4.8	2.1	1.0	0.4	5.2	7.0
3	2.7	1.4	1.0	0.4	0.2	0.0	3.0	1.6	1.1	0.3	0.0	1.0	3.0
4	0.6	0.3	0.3	0.1	0.0	0.0	0.2	-7777	-7777	0.0	0.0	0.0	0.1
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	0.1	0.1	0.1	-7777	-7777	0.1	-7777	0.0	0.0	0.0	0.0	0.0
11	1.6	1.0	0.6	0.1	0.1	0.0	0.9	0.1	-7777	0.0	0.0	0.3	2.1
12	4.6	2.8	1.3	0.7	0.2	0.0	6.3	4.8	2.6	1.2	0.7	3.5	5.7
Summary	19.9	11.2	6.8	2.9	1.0	0.0	29.5	17.0	9.0	3.9	2.6	14.4	25.6

@ 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: 1535 ft. Lat: 40.656° N Lon: 97.221° W

Generated on 08/15/2016

Station: **FRIEND 3 E, NE US GHCND:USC00253065**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	2	15	98	323	668	938	1089	1024	748	394	85	8
45	-7777	5	44	198	513	788	934	868	598	263	41	2
50	-7777	1	15	101	364	638	778	713	449	153	13	-7777
55	0	-7777	4	44	229	488	624	559	306	78	2	0
60	0	0	1	13	123	340	469	405	181	30	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	5	21	79	207	399	628	751	687	471	250	67	10

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	2	17	115	438	1106	2044	3133	4157	4905	5299	5384	5392
45	0	5	49	247	760	1548	2482	3350	3948	4211	4252	4254
50	0	1	16	117	481	1119	1897	2610	3059	3212	3225	3225
55	0	0	4	48	277	765	1389	1948	2254	2332	2334	2334
60	0	0	1	14	137	477	946	1351	1532	1562	1562	1562
Growing Degree Units for Corn (Monthly)												
50/86	5	26	105	312	711	1339	2090	2777	3248	3498	3565	3575

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: 1297 ft. Lat: 40.299° N Lon: 96.750° W

Generated on 08/15/2016

Station: **BEATRICE 1 N, NE US GHCND:USC00250622**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.0	13.6	24.3	6.3	5.0	5.4	0	0	0	0	0	0	952	1014	1107	1262	0.0	0.0	4.5	12.7	30.2	4.5
2	40.1	17.4	28.7	6.8	6.0	6.1	1	-7777	-7777	-7777	0	0	736	791	875	1015	0.0	0.0	7.6	8.5	25.6	2.8
3	51.7	27.5	39.6	4.7	3.9	3.9	14	9	4	1	-7777	0	491	548	636	788	0.0	0.0	17.4	2.5	20.8	0.4
4	63.4	38.0	50.7	4.2	3.0	3.4	71	52	32	11	3	1	200	241	311	440	0.0	0.3	25.4	0.1	8.4	0.0
5	73.3	50.0	61.6	3.4	3.0	2.9	238	192	132	58	19	10	32	48	81	162	0.0	0.7	30.7	0.0	0.6	0.0
6	83.5	60.5	72.0	3.3	2.7	2.9	511	451	364	229	118	83	1	1	4	19	0.2	6.1	30.0	0.0	0.0	0.0
7	88.6	65.3	77.0	2.6	2.3	2.2	680	618	525	372	228	176	0	0	-7777	2	1.5	13.5	31.0	0.0	0.0	0.0
8	86.8	63.1	74.9	3.9	3.1	3.4	618	556	464	315	182	137	-7777	-7777	1	7	1.5	10.5	31.0	0.0	0.0	0.0
9	78.6	52.8	65.7	3.8	2.9	3.0	337	286	215	119	54	36	16	25	44	98	0.2	3.5	29.9	0.0	0.3	0.0
10	66.1	40.3	53.2	3.5	2.8	2.7	98	73	43	15	4	2	153	190	254	381	0.0	0.2	28.1	0.2	6.1	0.0
11	50.5	27.8	39.2	6.0	3.9	4.6	10	6	3	1	-7777	0	486	542	628	776	0.0	0.0	16.1	2.5	20.9	0.0
12	37.3	16.6	26.9	6.5	6.2	6.1	-7777	-7777	-7777	0	0	0	869	931	1024	1179	0.0	0.0	5.2	10.7	29.6	2.8
Summary	62.9	39.4	51.2	4.6	3.7	3.9	2578	2243	1782	1121	608	445	3936	4331	4965	6129	3.4	34.8	256.9	37.2	142.5	10.5

@ 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: 1297 ft. Lat: 40.299° N Lon: 96.750° W

Generated on 08/15/2016

Station: **BEATRICE 1 N, NE US GHCND:USC00250622**

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	3.7	2.1	0.2	0.0	0.26	0.49	0.96
2	0.83	4.3	2.7	0.4	0.2	0.37	0.67	0.98
3	2.12	6.8	4.0	1.4	0.3	0.96	2.30	3.09
4	2.89	8.6	5.8	1.9	0.5	1.94	2.86	3.54
5	4.89	10.7	7.3	3.3	1.5	3.10	4.56	5.92
6	4.25	9.3	6.8	2.8	1.5	2.57	4.67	5.33
7	4.10	8.8	6.4	2.7	1.2	2.70	3.74	4.91
8	4.06	8.4	6.2	2.8	1.3	2.09	3.55	5.83
9	3.02	7.0	5.4	2.0	1.0	2.04	2.68	3.48
10	2.16	5.8	4.1	1.6	0.4	1.07	1.88	3.43
11	1.37	4.7	2.8	0.7	0.3	0.66	1.05	2.31
12	0.86	4.3	2.5	0.4	0.1	0.31	0.53	1.36
Summary	31.16	82.4	56.1	20.2	8.3	18.07	28.98	41.14

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

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

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

**Summary of
 Monthly Normals
 1981-2010**

Elev: 1297 ft. Lat: 40.299° N Lon: 96.750° W

Generated on 08/15/2016

Station: **BEATRICE 1 N, NE US GHCND:USC00250622**

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	2.3	1.9	0.8	0.1	0.0	10.7	5.8	3.0	0.9	2.5	4.9	7.9
2	4.8	2.2	2.0	0.7	0.2	0.0	7.9	4.9	2.2	0.5	1.0	4.8	7.3
3	2.5	1.2	1.0	0.2	0.1	-7777	3.1	1.3	0.7	0.3	0.0	1.0	3.0
4	0.5	0.2	0.2	0.1	0.0	0.0	0.3	0.2	0.1	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.2	0.1	-7777	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
11	1.0	0.8	0.7	0.1	0.0	0.0	1.4	0.5	0.2	0.0	0.0	0.4	2.0
12	4.0	2.5	1.7	0.6	0.2	-7777	7.6	4.6	2.4	0.9	0.9	3.0	6.3
Summary	18.3	9.4	7.6	2.5	0.6	0.0	31.2	17.3	8.6	2.6	4.4	14.1	26.5

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

Summary of Monthly Normals 1981-2010

Elev: 1297 ft. Lat: 40.299° N Lon: 96.750° W

Generated on 08/15/2016

Station: **BEATRICE 1 N, NE US GHCND:USC00250622**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	30	135	342	671	960	1145	1083	771	423	116	10
45	1	11	72	226	518	810	990	928	622	292	62	3
50	-7777	3	33	135	370	660	835	773	476	181	28	1
55	0	1	14	71	238	511	680	618	337	98	10	-7777
60	0	-7777	4	32	132	364	525	464	215	43	3	-7777
Growing Degree Units for Corn (Monthly)												
50/86	14	33	105	222	407	633	768	719	492	272	88	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	38	173	515	1186	2146	3291	4374	5145	5568	5684	5694
45	1	12	84	310	828	1638	2628	3556	4178	4470	4532	4535
50	0	3	36	171	541	1201	2036	2809	3285	3466	3494	3495
55	0	1	15	86	324	835	1515	2133	2470	2568	2578	2578
60	0	0	4	36	168	532	1057	1521	1736	1779	1782	1782
Growing Degree Units for Corn (Monthly)												
50/86	14	47	152	374	781	1414	2182	2901	3393	3665	3753	3768

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: 1189 ft. Lat: 40.112° N Lon: 96.152° W

Generated on 08/15/2016

Station: **PAWNEE CITY, NE US GHCND:USC00256570**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	36.4	14.7	25.5	6.4	5.2	5.7	-7777	-7777	-7777	0	0	0	913	975	1068	1223	0.0	0.0	5.0	11.7	29.6	4.1
2	41.8	18.4	30.1	6.5	5.4	5.7	1	-7777	-7777	-7777	0	0	698	753	837	977	0.0	0.0	8.2	7.4	24.8	2.5
3	52.9	28.2	40.6	4.9	3.8	3.9	16	10	5	1	-7777	-7777	464	520	608	759	0.0	0.0	18.2	2.0	20.7	0.3
4	64.2	39.3	51.8	4.4	3.4	3.7	80	59	36	13	4	2	177	217	283	411	0.0	0.4	26.4	-7777	7.2	0.0
5	74.4	51.8	63.1	3.1	3.3	2.9	273	223	157	73	24	13	22	34	61	132	0.0	0.6	30.9	0.0	0.4	0.0
6	83.7	61.3	72.5	3.3	2.7	2.8	525	466	378	239	120	84	-7777	1	3	14	0.2	5.9	30.0	0.0	0.0	0.0
7	88.8	66.3	77.5	3.1	2.2	2.4	699	637	544	390	243	189	0	0	0	1	1.8	13.4	31.0	0.0	0.0	0.0
8	87.5	63.6	75.6	3.7	2.7	3.0	637	575	483	332	194	148	-7777	-7777	1	5	1.6	11.4	31.0	0.0	0.0	0.0
9	79.1	53.5	66.3	3.7	2.8	3.0	353	301	229	129	58	39	14	22	40	90	0.1	3.6	29.9	0.0	0.2	0.0
10	67.0	41.4	54.2	3.7	2.4	2.6	106	79	48	17	5	2	131	166	228	351	0.0	0.1	28.7	0.1	5.5	0.0
11	52.1	28.7	40.4	5.9	4.3	4.8	12	7	3	1	-7777	-7777	450	505	591	739	0.0	0.0	17.4	2.1	19.4	0.0
12	38.5	17.8	28.2	6.7	6.3	6.3	-7777	-7777	-7777	0	0	0	832	894	987	1142	0.0	0.0	6.6	9.3	28.5	2.7
Summary	63.9	40.4	52.2	4.6	3.7	3.9	2702	2357	1883	1195	648	477	3701	4087	4707	5844	3.7	35.4	263.3	32.6	136.3	9.6

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

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 1189 ft. Lat: 40.112° N Lon: 96.152° W

Generated on 08/15/2016

Station: **PAWNEE CITY, NE US GHCND:USC00256570**

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	0.79	3.4	2.2	0.3	-7777	0.39	0.81	1.06
2	1.03	4.1	2.6	0.7	0.1	0.55	0.83	1.45
3	2.60	6.4	4.2	1.7	0.6	1.11	2.16	3.85
4	3.08	7.2	5.3	2.1	0.8	2.03	2.68	4.04
5	4.38	8.7	6.8	3.1	1.3	2.25	3.80	6.29
6	4.54	7.8	6.0	3.2	1.7	2.69	3.89	6.43
7	3.54	7.6	5.5	2.7	1.1	2.60	3.16	4.61
8	3.90	7.3	5.6	2.7	1.3	2.25	3.62	5.20
9	3.60	6.4	5.0	2.3	1.1	1.99	2.76	5.30
10	2.42	5.5	4.1	1.8	0.5	0.94	2.07	3.58
11	1.66	4.0	2.6	1.0	0.3	0.55	1.33	2.87
12	0.93	4.1	2.6	0.6	0.2	0.39	0.70	1.24
Summary	32.47	72.5	52.5	22.2	9.0	17.74	27.81	45.92

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 1189 ft. Lat: 40.112° N Lon: 96.152° W

Generated on 08/15/2016

Station: **PAWNEE CITY, NE US GHCND:USC00256570**

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	4.5	2.7	2.0	0.8	0.3	0.0	7.8	4.3	2.8	0.7	1.1	3.4	7.3
2	4.7	2.5	1.6	0.7	0.3	0.0	5.5	3.3	1.9	0.4	1.4	5.1	7.0
3	2.8	1.6	0.9	0.3	0.1	-7777	2.4	1.0	0.7	0.3	0.0	1.8	4.5
4	0.8	0.3	0.1	0.1	-7777	0.0	0.2	0.2	0.1	-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	0.3	0.1	0.1	-7777	-7777	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11	1.1	0.8	0.5	0.3	-7777	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.9
12	5.4	2.8	1.7	0.6	0.3	-7777	6.0	3.9	2.2	0.6	0.3	2.0	6.6
Summary	19.6	10.8	6.9	2.8	1.0	0.0	22.5	12.8	7.7	2.0	2.8	12.3	26.3

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

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

Summary of Monthly Normals 1981-2010

Elev: 1189 ft. Lat: 40.112° N Lon: 96.152° W

Generated on 08/15/2016

Station: **PAWNEE CITY, NE US GHCND:USC00256570**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	36	144	370	716	975	1164	1102	789	450	136	18
45	3	13	77	250	562	825	1009	947	640	314	76	5
50	-7777	3	37	151	411	675	854	792	493	197	35	1
55	-7777	1	16	80	273	525	699	637	353	106	12	-7777
60	-7777	-7777	5	36	157	378	544	483	229	48	3	-7777
Growing Degree Units for Corn (Monthly)												
50/86	16	37	112	233	441	651	786	733	507	288	100	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	48	192	562	1278	2253	3417	4519	5308	5758	5894	5912
45	3	16	93	343	905	1730	2739	3686	4326	4640	4716	4721
50	0	3	40	191	602	1277	2131	2923	3416	3613	3648	3649
55	0	1	17	97	370	895	1594	2231	2584	2690	2702	2702
60	0	0	5	41	198	576	1120	1603	1832	1880	1883	1883
Growing Degree Units for Corn (Monthly)												
50/86	16	53	165	398	839	1490	2276	3009	3516	3804	3904	3922

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: 1050 ft. Lat: 40.022° N Lon: 95.788° W

Generated on 08/15/2016

Station: **SALEM 5 SW, NE US GHCND:USC00257545**

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	0.83	@	@	@	@			
2	1.12	@	@	@	@			
3	2.61	@	@	@	@			
4	3.15	@	@	@	@			
5	4.75	@	@	@	@			
6	4.71	@	@	@	@			
7	4.60	@	@	@	@			
8	3.81	@	@	@	@			
9	3.45	@	@	@	@			
10	2.61	@	@	@	@			
11	1.79	@	@	@	@			
12	1.13	@	@	@	@			
Summary	34.56	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: 1480 ft. Lat: 40.175° N Lon: 97.590° W

Generated on 08/15/2016

Station: **HEBRON, NE US GHCND:USC00253735**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	36.6	14.6	25.6	6.4	5.0	5.5	0	0	0	0	0	0	911	973	1066	1221	0.0	0.0	5.5	11.5	30.1	3.9
2	41.4	17.7	29.6	6.9	5.6	6.0	-7777	-7777	-7777	0	0	0	713	769	852	992	0.0	0.0	8.2	7.2	25.8	2.3
3	52.8	27.4	40.1	4.7	3.9	4.0	14	9	4	1	-7777	0	476	533	621	773	0.0	-7777	17.4	2.1	21.0	0.3
4	64.4	37.7	51.0	4.6	3.4	3.8	75	56	34	12	3	1	193	234	302	430	0.0	0.5	25.4	0.0	8.5	0.0
5	73.7	49.6	61.7	3.4	2.8	2.9	238	193	133	59	18	10	32	48	82	162	0.0	1.0	30.8	0.0	0.5	0.0
6	83.9	60.1	72.0	3.4	2.6	2.9	511	452	365	230	119	84	1	2	5	20	0.4	6.7	30.0	0.0	0.0	0.0
7	89.1	65.1	77.1	3.3	2.1	2.4	685	623	530	377	233	182	0	0	-7777	2	2.3	14.7	31.0	0.0	0.0	0.0
8	87.4	63.0	75.2	3.9	2.8	3.2	626	564	472	322	187	142	-7777	-7777	1	6	2.1	11.2	31.0	0.0	0.0	0.0
9	79.2	52.6	65.9	3.5	2.9	3.0	344	292	221	123	55	37	17	25	44	96	0.2	4.0	29.8	0.0	0.3	0.0
10	66.7	39.9	53.3	3.4	2.6	2.7	94	68	40	13	3	1	146	183	247	376	0.0	0.3	28.5	-7777	6.2	0.0
11	51.6	27.3	39.4	5.9	3.8	4.5	9	6	3	1	-7777	0	476	532	619	767	0.0	0.0	16.6	2.1	21.2	0.1
12	38.5	17.2	27.9	6.5	5.8	6.0	-7777	-7777	0	0	0	0	842	904	996	1151	0.0	0.0	6.2	9.4	29.8	2.5
Summary	63.8	39.4	51.6	4.7	3.6	3.9	2596	2263	1802	1138	618	457	3807	4203	4835	5996	5.0	38.4	260.4	32.3	143.4	9.1

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

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

**Summary of
 Monthly Normals
 1981-2010**

Elev: 1480 ft. Lat: 40.175° N Lon: 97.590° W

Generated on 08/15/2016

Station: **HEBRON, NE US GHCND:USC00253735**

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	0.71	4.9	2.1	0.3	-7777	0.31	0.70	0.96
2	0.78	4.9	2.1	0.2	0.0	0.44	0.70	1.00
3	2.15	7.8	4.2	1.3	0.5	1.02	1.93	2.72
4	2.79	8.7	5.6	1.8	0.6	1.95	2.31	3.37
5	4.80	11.9	7.7	3.2	1.4	2.65	4.88	7.01
6	4.78	10.0	6.6	2.9	1.2	3.17	4.26	6.47
7	4.13	8.5	5.8	2.8	1.0	2.46	3.44	5.31
8	3.73	8.8	5.5	2.2	1.2	2.87	3.70	4.44
9	2.92	7.5	4.7	1.9	0.8	1.75	2.43	3.60
10	2.21	6.7	4.4	1.1	0.5	0.82	1.63	3.20
11	1.44	5.3	2.7	0.9	0.3	0.69	1.09	1.80
12	0.95	4.9	2.2	0.6	0.1	0.32	0.65	1.43
Summary	31.39	89.9	53.6	19.2	7.6	18.45	27.72	41.31

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 1480 ft. Lat: 40.175° N Lon: 97.590° W

Generated on 08/15/2016

Station: **HEBRON, NE US GHCND:USC00253735**

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	5.6	4.0	1.6	0.6	0.2	0.0	12.8	6.3	1.9	0.1	2.3	4.3	7.9
2	5.5	3.8	1.6	0.6	0.2	0.0	9.9	5.4	2.6	0.3	1.3	5.0	7.2
3	4.0	2.1	1.1	0.4	0.2	-7777	3.6	1.4	0.7	0.2	1.0	2.8	5.0
4	0.7	0.4	0.3	0.1	0.0	0.0	0.3	0.1	-7777	0.0	0.0	0.0	0.9
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.1	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.2	0.2	0.1	-7777	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11	2.7	1.9	0.9	0.3	0.1	0.0	2.4	0.9	0.3	0.0	0.4	1.2	4.6
12	5.2	3.7	1.7	0.6	0.2	-7777	10.3	4.8	2.2	0.4	1.7	4.5	8.0
Summary	24.0	16.1	7.3	2.6	0.9	0.0	39.4	18.9	7.7	1.0	6.7	17.8	33.6

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Summary of Monthly Normals 1981-2010

Elev: 1480 ft. Lat: 40.175° N Lon: 97.590° W

Generated on 08/15/2016

Station: **HEBRON, NE US GHCND:USC00253735**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	33	140	351	671	960	1150	1091	777	424	120	12
45	2	11	75	234	518	810	995	936	628	292	64	3
50	-7777	2	35	140	370	660	840	781	483	180	28	1
55	0	-7777	14	75	238	511	685	626	344	94	9	-7777
60	0	-7777	4	34	133	365	530	472	221	40	3	0
Growing Degree Units for Corn (Monthly)												
50/86	18	37	114	234	409	630	763	720	496	276	96	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	44	184	535	1206	2166	3316	4407	5184	5608	5728	5740
45	2	13	88	322	840	1650	2645	3581	4209	4501	4565	4568
50	0	2	37	177	547	1207	2047	2828	3311	3491	3519	3520
55	0	0	14	89	327	838	1523	2149	2493	2587	2596	2596
60	0	0	4	38	171	536	1066	1538	1759	1799	1802	1802
Growing Degree Units for Corn (Monthly)												
50/86	18	55	169	403	812	1442	2205	2925	3421	3697	3793	3811

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

M indicates the value is missing

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

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Summary of Monthly Normals 1981-2010

Elev: 1055 ft. Lat: 40.699° N Lon: 95.887° W

Generated on 08/15/2016

Station: **NEBRASKA CITY 2 NW, NE US GHCND:USC00255810**

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	34.2	14.3	24.3	6.3	5.7	5.8	0	0	0	0	0	0	953	1015	1108	1263	0.0	0.0	3.9	13.0	29.8	4.5
2	39.4	18.3	28.9	6.7	5.9	6.1	1	-7777	-7777	-7777	0	0	733	788	872	1012	0.0	0.0	6.8	8.7	24.9	2.3
3	51.5	28.6	40.0	5.0	3.6	3.9	14	10	5	1	-7777	-7777	478	535	623	774	0.0	0.0	16.3	2.4	19.4	0.2
4	64.0	39.3	51.6	4.7	2.9	3.6	80	60	37	14	3	1	181	220	287	414	0.0	0.4	25.8	-7777	6.1	0.0
5	73.6	50.9	62.2	3.3	3.0	3.0	251	203	140	62	18	9	26	40	71	147	0.0	0.7	30.8	0.0	0.1	0.0
6	82.7	60.7	71.7	3.1	2.5	2.6	501	442	355	218	105	71	-7777	1	4	17	0.0	4.1	30.0	0.0	0.0	0.0
7	86.7	65.4	76.0	2.7	2.1	2.2	652	591	498	345	200	149	-7777	-7777	-7777	2	0.6	9.8	31.0	0.0	0.0	0.0
8	85.0	63.1	74.0	3.4	2.9	3.0	590	529	436	286	155	113	-7777	-7777	1	6	0.4	7.8	31.0	0.0	0.0	0.0
9	78.0	53.5	65.8	3.5	2.5	2.7	338	286	214	115	48	30	15	23	42	92	-7777	2.7	29.9	0.0	0.1	0.0
10	65.9	41.6	53.8	3.2	2.7	2.6	99	74	44	14	4	2	138	174	237	363	0.0	0.2	28.6	0.0	4.5	0.0
11	50.6	29.4	40.0	5.8	4.0	4.7	12	7	3	1	-7777	0	462	517	603	751	0.0	0.0	15.6	2.3	18.7	0.0
12	36.9	17.8	27.4	6.0	6.2	5.9	-7777	-7777	0	0	0	0	857	919	1012	1167	0.0	0.0	4.7	10.6	29.0	2.7
Summary	62.4	40.2	51.3	4.5	3.7	3.8	2538	2202	1732	1056	533	375	3843	4232	4860	6008	1.0	25.7	254.4	37.0	132.6	9.7

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 1055 ft. Lat: 40.699° N Lon: 95.887° W

Generated on 08/15/2016

Station: **NEBRASKA CITY 2 NW, NE US GHCND:USC00255810**

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	0.76	4.3	2.5	0.3	0.0	0.36	0.75	1.09
2	1.06	4.7	2.9	0.5	0.1	0.43	0.89	1.22
3	2.13	6.6	4.7	1.4	0.5	1.10	1.84	3.49
4	3.49	8.3	6.2	2.2	0.9	1.78	3.02	5.17
5	5.20	10.4	8.0	3.6	1.7	2.72	4.22	7.69
6	4.56	9.1	6.9	3.1	1.3	2.69	4.18	6.22
7	4.63	8.2	6.6	2.9	1.3	2.74	3.57	6.01
8	3.21	7.0	5.2	2.0	0.8	1.51	2.84	4.52
9	2.97	6.6	4.9	2.1	0.9	1.54	2.61	4.61
10	2.60	6.4	4.4	1.7	0.5	1.26	1.99	3.06
11	1.69	5.2	3.6	1.2	0.3	1.00	1.50	2.49
12	1.36	5.0	3.3	0.8	0.2	0.59	1.05	2.06
Summary	33.66	81.8	59.2	21.8	8.5	17.72	28.46	47.63

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**Summary of
 Monthly Normals
 1981-2010**

Elev: 1055 ft. Lat: 40.699° N Lon: 95.887° W

Generated on 08/15/2016

Station: **NEBRASKA CITY 2 NW, NE US GHCND:USC00255810**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	6.5	3.2	2.3	0.9	0.5	-7777	11.4	8.1	4.5	1.1	1.3	5.5	8.0
2	7.3	3.2	2.4	1.1	0.5	0.0	9.4	6.3	3.9	1.2	1.5	7.0	12.0
3	3.5	1.2	1.1	0.4	0.1	0.0	3.3	1.8	0.8	0.3	0.0	2.2	4.6
4	0.9	0.2	0.2	0.1	0.1	-7777	0.5	0.3	0.2	0.1	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	0.1	-7777	-7777	-7777	0.0	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0
11	0.9	0.6	0.4	0.1	0.0	0.0	1.1	0.3	-7777	0.0	0.0	0.4	1.0
12	6.9	3.0	2.1	0.8	0.3	-7777	7.8	5.3	2.7	0.8	0.0	6.5	8.5
Summary	26.1	11.4	8.5	3.4	1.5	0.0	33.7	22.3	12.2	3.5	2.8	21.6	34.1

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Summary of Monthly Normals 1981-2010

Elev: 1055 ft. Lat: 40.699° N Lon: 95.887° W

Generated on 08/15/2016

Station: **NEBRASKA CITY 2 NW, NE US GHCND:USC00255810**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	30	139	367	690	951	1117	1055	773	436	129	14
45	2	11	74	247	536	801	962	900	623	301	68	4
50	-7777	2	35	149	387	651	807	745	477	186	31	1
55	0	1	14	80	251	501	652	590	338	99	12	-7777
60	0	-7777	5	37	140	355	498	436	214	44	3	0
Growing Degree Units for Corn (Monthly)												
50/86	11	28	103	230	416	633	762	709	490	266	87	13

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	39	178	545	1235	2186	3303	4358	5131	5567	5696	5710
45	2	13	87	334	870	1671	2633	3533	4156	4457	4525	4529
50	0	2	37	186	573	1224	2031	2776	3253	3439	3470	3471
55	0	1	15	95	346	847	1499	2089	2427	2526	2538	2538
60	0	0	5	42	182	537	1035	1471	1685	1729	1732	1732
Growing Degree Units for Corn (Monthly)												
50/86	11	39	142	372	788	1421	2183	2892	3382	3648	3735	3748

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

M indicates the value is missing

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