

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2745 ft. Lat: 40.439° N Lon: 100.696° W

Generated on 08/15/2016

Station: **MCCOOK, NE US GHCND:USC00255311**

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	0.30	2.2	1.1	0.1	0.0	0.06	0.20	0.46
2	0.45	2.9	1.6	0.1	0.0	0.10	0.36	0.62
3	1.16	4.3	2.9	0.7	0.2	0.31	0.83	1.71
4	2.21	6.2	4.3	1.4	0.7	1.21	1.95	3.09
5	3.12	8.7	6.5	1.9	0.7	1.29	2.91	4.54
6	3.59	8.1	5.8	2.6	1.0	2.22	3.54	4.28
7	3.00	7.4	5.7	2.0	0.9	1.53	2.76	3.50
8	2.65	5.9	4.3	1.9	0.8	1.45	2.21	3.65
9	1.51	4.3	3.2	1.1	0.3	0.67	1.53	1.97
10	1.75	5.0	3.6	1.2	0.4	0.60	1.48	2.67
11	0.66	3.0	1.8	0.4	-7777	0.23	0.39	1.15
12	0.46	2.0	0.9	0.1	0.1	0.03	0.17	0.50
Summary	20.86	60.0	41.7	13.5	5.1	9.70	18.33	28.14

@ 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: 2745 ft. Lat: 40.439° N Lon: 100.696° W

Generated on 08/15/2016

Station: **MCCOOK, NE US GHCND:USC00255311**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.0	1.6	1.5	0.6	0.2	-7777	@	@	@	@	1.0	3.7	5.0
2	5.0	2.3	2.3	0.7	0.2	0.0	@	@	@	@	2.0	4.0	8.0
3	4.6	1.8	1.8	0.6	0.2	0.0	@	@	@	@	1.0	3.0	7.0
4	3.2	1.2	1.2	0.5	0.1	-7777	@	@	@	@	0.0	1.0	6.0
5	0.1	-7777	-7777	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.2	0.1	0.1	-7777	-7777	0.0	@	@	@	@	0.0	0.0	0.0
10	1.8	0.5	0.5	0.3	0.1	-7777	@	@	@	@	0.0	0.0	0.0
11	2.8	1.3	1.2	0.4	0.0	0.0	@	@	@	@	1.0	2.0	4.0
12	3.8	1.8	1.8	0.6	0.1	-7777	@	@	@	@	1.0	3.0	5.5
Summary	25.5	10.6	10.4	3.7	0.9	0.0	0.0	0.0	0.0	0.0	6.0	16.7	35.5

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## Summary of Monthly Normals 1981-2010

Elev: 3230 ft. Lat: 41.128° N Lon: 101.720° W

Generated on 08/15/2016

Station: **OGALLALA, NE US GHCND:USC00256200**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.8	14.7	27.2	5.7	4.2	4.7	-7777	0	0	0	0	0	860	922	1015	1170	0.0	0.0	7.4	8.4	30.5	3.0
2	43.9	18.1	31.0	6.7	5.3	5.6	-7777	-7777	-7777	0	0	0	672	728	812	952	0.0	0.0	10.0	6.0	26.8	2.1
3	52.7	24.9	38.8	3.9	3.1	3.1	4	2	-7777	-7777	0	0	506	566	658	812	0.0	0.0	18.3	2.6	24.9	0.4
4	62.6	33.5	48.0	4.3	2.6	3.2	39	27	14	3	1	-7777	247	295	372	512	0.0	0.3	24.4	0.4	13.1	0.0
5	72.4	44.5	58.5	3.8	2.3	2.8	170	133	86	33	8	4	63	88	134	236	0.1	1.7	30.4	0.0	1.6	0.0
6	83.0	54.9	69.0	3.9	2.8	3.0	423	366	285	164	74	48	5	8	16	45	0.7	7.1	29.9	0.0	0.0	0.0
7	90.1	61.3	75.7	3.1	2.1	2.4	642	580	487	336	195	147	-7777	-7777	1	4	2.9	16.2	31.0	0.0	0.0	0.0
8	88.0	59.6	73.8	3.4	2.3	2.7	583	522	430	282	151	107	-7777	1	2	10	1.6	13.5	31.0	0.0	0.0	0.0
9	78.6	48.1	63.3	3.7	3.1	3.0	279	231	167	82	30	17	29	41	67	131	0.1	4.9	29.5	-7777	0.8	0.0
10	65.4	35.4	50.4	3.8	2.4	2.7	53	36	17	3	-7777	-7777	196	240	315	456	0.0	0.4	27.2	0.3	9.2	0.0
11	51.0	24.2	37.6	5.2	2.6	3.6	3	1	-7777	0	0	0	525	583	672	822	0.0	0.0	15.7	2.9	25.0	0.3
12	40.2	14.9	27.5	6.0	4.5	5.0	-7777	0	0	0	0	0	851	913	1006	1161	0.0	0.0	7.4	7.8	30.7	2.5
Summary	64.0	36.2	50.1	4.5	3.1	3.5	2196	1898	1486	903	459	323	3954	4385	5070	6311	5.4	44.1	262.2	28.4	162.6	8.3

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3230 ft. Lat: 41.128° N Lon: 101.720° W

Generated on 08/15/2016

Station: **OGALLALA, NE US GHCND:USC00256200**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.49	2.4	1.1	0.3	0.1	0.15	0.39	0.88
2	0.71	2.6	1.4	0.1	-7777	0.21	0.69	1.10
3	1.38	5.3	3.1	0.7	0.3	0.51	1.25	2.27
4	2.16	6.2	4.7	1.3	0.5	0.99	2.08	3.31
5	3.22	9.4	6.4	2.4	0.8	1.89	3.04	4.72
6	3.13	9.0	6.2	2.2	0.6	2.00	2.74	3.86
7	3.11	7.7	5.5	1.9	1.0	1.85	2.60	4.01
8	2.17	6.6	4.6	1.3	0.7	1.16	2.20	2.86
9	1.54	5.2	3.3	0.9	0.3	0.83	1.33	1.83
10	1.27	5.3	3.3	0.8	0.2	0.65	1.22	1.93
11	0.80	3.3	2.0	0.4	0.1	0.21	0.48	1.17
12	0.39	2.3	1.2	0.3	0.1	0.18	0.36	0.45
Summary	20.37	65.3	42.8	12.6	4.7	10.63	18.38	28.39

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3230 ft. Lat: 41.128° N Lon: 101.720° W

Generated on 08/15/2016

Station: **OGALLALA, NE US GHCND:USC00256200**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.7	2.5	1.4	0.5	0.3	-7777	@	@	@	@	1.0	5.1	7.5
2	5.7	3.1	1.7	0.5	0.1	0.1	@	@	@	@	1.3	4.1	7.4
3	4.7	2.7	1.8	0.6	0.1	-7777	@	@	@	@	1.8	4.7	6.9
4	3.0	1.1	0.9	0.4	0.2	-7777	@	@	@	@	0.0	0.9	3.7
5	-7777	-7777	-7777	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.1	-7777	-7777	-7777	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.6	0.6	0.3	0.1	0.0	0.0	@	@	@	@	0.0	0.0	0.4
11	4.0	1.7	1.2	0.4	0.2	0.0	@	@	@	@	0.6	2.0	5.9
12	3.8	2.2	1.2	0.4	0.1	0.0	@	@	@	@	0.8	4.0	5.9
Summary	27.6	13.9	8.5	2.9	1.0	0.1	0.0	0.0	0.0	0.0	5.5	20.8	37.7

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Elev: 3230 ft. Lat: 41.128° N Lon: 101.720° W

Generated on 08/15/2016

Station: **OGALLALA, NE US GHCND:USC00256200**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	31	109	275	573	868	1107	1048	702	347	92	11
45	2	9	48	169	423	719	951	893	555	223	43	2
50	-7777	2	16	89	285	570	797	738	412	122	14	-7777
55	-7777	-7777	4	39	170	423	642	583	279	53	3	-7777
60	0	-7777	-7777	14	86	285	487	430	167	17	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	25	45	113	209	355	545	707	672	441	252	93	25

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	43	152	427	1000	1868	2975	4023	4725	5072	5164	5175
45	2	11	59	228	651	1370	2321	3214	3769	3992	4035	4037
50	0	2	18	107	392	962	1759	2497	2909	3031	3045	3045
55	0	0	4	43	213	636	1278	1861	2140	2193	2196	2196
60	0	0	0	14	100	385	872	1302	1469	1486	1486	1486
Growing Degree Units for Corn (Monthly)												
50/86	25	70	183	392	747	1292	1999	2671	3112	3364	3457	3482

**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: 3200 ft. Lat: 40.851° N Lon: 101.543° W

Generated on 08/15/2016

Station: **MADRID, NE US GHCND:USC00255090**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.1	12.9	26.0	5.7	4.0	4.6	-7777	0	0	0	0	0	899	961	1054	1209	0.0	0.0	6.4	8.7	30.6	4.2
2	43.3	16.1	29.7	6.4	5.0	5.3	-7777	0	0	0	0	0	708	764	848	988	0.0	0.0	9.6	6.2	27.1	2.6
3	52.5	23.8	38.2	4.2	3.0	3.4	3	1	-7777	-7777	-7777	0	525	586	678	832	0.0	0.0	18.8	3.1	26.3	0.6
4	62.3	32.8	47.6	4.7	2.6	3.3	37	26	13	3	1	-7777	260	309	387	527	0.0	0.3	24.3	0.5	14.0	0.0
5	72.6	45.3	59.0	3.9	2.2	2.8	183	144	95	37	9	4	61	84	127	224	0.0	1.4	30.4	0.0	1.4	0.0
6	83.2	55.1	69.1	4.0	2.3	3.0	429	372	289	166	75	49	5	7	15	42	0.5	7.3	29.9	0.0	0.0	0.0
7	90.0	60.7	75.4	3.0	1.8	2.2	631	569	476	324	183	134	-7777	-7777	-7777	4	2.3	16.1	31.0	0.0	0.0	0.0
8	87.7	58.4	73.1	3.4	2.2	2.6	560	498	407	260	131	89	-7777	1	3	10	1.0	13.0	31.0	0.0	0.0	0.0
9	79.1	47.6	63.3	3.5	2.1	2.6	278	230	165	79	26	14	28	40	64	128	0.1	4.5	29.6	0.0	0.9	0.0
10	65.6	34.3	50.0	3.9	2.2	2.6	48	31	14	2	-7777	-7777	205	250	326	469	0.0	0.2	27.3	0.3	11.4	0.0
11	50.0	22.4	36.2	5.6	3.3	4.2	2	1	-7777	0	0	0	566	625	714	864	0.0	0.0	15.3	3.0	26.4	0.5
12	39.4	13.1	26.3	5.8	4.8	5.1	0	0	0	0	0	0	891	953	1046	1201	0.0	0.0	6.7	8.0	30.7	3.6
Summary	63.7	35.2	49.5	4.5	3.0	3.5	2171	1872	1459	871	425	290	4148	4580	5262	6498	3.9	42.8	260.3	29.8	168.8	11.5

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3200 ft. Lat: 40.851° N Lon: 101.543° W

Generated on 08/15/2016

Station: **MADRID, NE US GHCND:USC00255090**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.42	3.4	1.3	0.1	-7777	0.16	0.26	0.61
2	0.54	4.0	1.7	0.2	0.0	0.15	0.44	0.85
3	1.12	6.0	3.4	0.8	0.2	0.50	0.84	1.72
4	2.02	6.5	4.4	1.4	0.5	1.13	1.91	3.00
5	3.15	9.6	6.1	2.0	0.8	2.04	2.89	4.17
6	3.55	9.1	6.3	2.1	0.9	2.22	3.76	4.67
7	3.36	8.2	5.8	2.2	0.9	2.22	2.92	4.44
8	2.50	6.4	4.2	1.6	0.8	1.45	2.00	2.88
9	1.45	5.4	3.4	1.0	0.3	0.59	1.14	2.01
10	1.50	5.3	3.2	0.8	0.3	0.65	1.32	2.14
11	0.71	3.7	2.1	0.4	0.1	0.24	0.40	1.13
12	0.39	3.3	1.3	0.1	0.0	0.12	0.29	0.58
Summary	20.71	70.9	43.2	12.7	4.8	11.47	18.17	28.20

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 Monthly Normals  
 1981-2010**

Elev: 3200 ft. Lat: 40.851° N Lon: 101.543° W

Generated on 08/15/2016

Station: **MADRID, NE US GHCND:USC00255090**

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	3.0	2.3	0.6	0.2	0.1	@	@	@	@	1.6	4.0	10.0
2	5.3	3.2	2.6	0.6	0.1	0.0	@	@	@	@	2.0	3.1	7.4
3	6.9	3.4	2.7	0.8	0.3	-7777	@	@	@	@	2.5	6.0	11.0
4	3.0	1.3	1.2	0.5	0.2	0.1	@	@	@	@	0.0	1.0	4.0
5	-7777	-7777	-7777	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.2	0.1	0.1	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	1.2	0.7	0.5	0.2	0.1	0.0	@	@	@	@	0.0	0.0	1.0
11	4.7	2.1	1.8	0.4	0.3	-7777	@	@	@	@	1.7	3.0	5.5
12	6.0	2.7	2.1	0.8	0.2	-7777	@	@	@	@	2.5	4.5	9.9
Summary	32.9	16.5	13.3	3.9	1.4	0.2	0.0	0.0	0.0	0.0	10.3	21.6	48.8

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## Summary of Monthly Normals 1981-2010

Elev: 3200 ft. Lat: 40.851° N Lon: 101.543° W

Generated on 08/15/2016

Station: **MADRID, NE US GHCND:USC00255090**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	24	100	267	588	874	1096	1024	701	334	74	8
45	2	6	43	163	437	725	941	869	554	213	32	1
50	-7777	1	14	85	299	576	786	714	411	115	9	-7777
55	-7777	-7777	3	37	183	429	631	560	278	48	2	0
60	0	0	-7777	13	95	289	476	407	165	14	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	21	41	111	207	363	549	701	655	446	255	84	22

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	32	132	399	987	1861	2957	3981	4682	5016	5090	5098
45	2	8	51	214	651	1376	2317	3186	3740	3953	3985	3986
50	0	1	15	100	399	975	1761	2475	2886	3001	3010	3010
55	0	0	3	40	223	652	1283	1843	2121	2169	2171	2171
60	0	0	0	13	108	397	873	1280	1445	1459	1459	1459
Growing Degree Units for Corn (Monthly)												
50/86	21	62	173	380	743	1292	1993	2648	3094	3349	3433	3455

**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: 3045 ft. Lat: 40.523° N Lon: 101.034° W

Generated on 08/15/2016

Station: **HAYES CENTER, NE US GHCND:USW00024020**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.3	14.5	26.9	5.9	4.1	4.8	-7777	-7777	0	0	0	0	871	933	1026	1181	0.0	0.0	7.6	9.4	30.5	3.3
2	43.2	17.3	30.2	6.3	4.7	5.2	-7777	-7777	0	0	0	0	693	749	833	973	0.0	0.0	9.6	6.2	26.7	2.5
3	52.5	24.4	38.5	4.2	3.3	3.5	6	3	1	-7777	0	0	519	578	669	823	0.0	0.0	17.8	2.8	25.6	0.5
4	62.3	33.3	47.8	4.5	2.7	3.2	41	28	15	3	-7777	-7777	257	304	381	519	0.0	0.2	24.5	0.2	13.7	0.0
5	71.9	44.5	58.2	3.8	2.5	2.9	165	127	80	28	6	2	65	90	136	239	0.1	1.0	30.2	0.0	1.4	0.0
6	82.2	54.4	68.3	3.9	2.8	3.1	404	347	265	146	62	40	5	8	16	47	0.6	6.1	29.9	0.0	0.0	0.0
7	88.7	60.1	74.4	3.2	2.1	2.4	601	540	447	297	162	118	-7777	-7777	1	6	2.1	14.2	31.0	0.0	0.0	0.0
8	86.7	58.5	72.6	3.5	2.4	2.8	546	485	393	248	123	85	1	1	3	12	1.2	11.5	31.0	0.0	0.0	0.0
9	78.0	48.2	63.1	3.7	2.7	3.0	273	226	162	78	27	15	30	43	69	135	0.1	4.0	29.6	0.0	0.8	0.0
10	65.1	36.0	50.5	3.9	2.4	2.9	61	42	21	5	1	-7777	199	242	314	453	0.0	0.2	27.0	0.4	9.4	0.0
11	50.6	24.5	37.6	5.5	3.5	4.3	4	2	-7777	-7777	0	0	528	586	674	823	0.0	0.0	15.7	3.2	23.3	0.3
12	39.6	15.3	27.5	6.0	4.9	5.3	-7777	0	0	0	0	0	854	916	1009	1164	0.0	0.0	7.3	8.5	30.4	2.9
Summary	63.3	35.9	49.6	4.5	3.2	3.6	2101	1800	1384	805	381	260	4022	4450	5131	6375	4.1	37.2	261.2	30.7	161.8	9.5

@ 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: 3045 ft. Lat: 40.523° N Lon: 101.034° W

Generated on 08/15/2016

Station: **HAYES CENTER, NE US GHCND:USW00024020**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.46	3.3	1.1	0.2	-7777	0.17	0.32	0.61
2	0.52	4.0	1.5	0.2	-7777	0.13	0.53	0.80
3	1.43	5.9	3.4	0.8	0.2	0.56	1.28	1.97
4	2.14	7.2	4.7	1.3	0.3	1.16	1.95	2.86
5	3.28	10.5	6.5	1.9	0.5	1.93	3.20	4.55
6	3.28	9.3	6.0	2.2	0.7	2.65	3.28	3.87
7	3.13	8.6	5.7	2.4	0.7	2.18	2.92	3.75
8	2.83	6.7	4.8	2.0	0.7	1.12	2.06	3.41
9	1.65	5.6	3.4	1.2	0.4	0.78	1.38	2.32
10	1.77	6.3	3.7	1.1	0.4	0.71	1.70	2.62
11	0.84	3.8	2.1	0.5	0.1	0.39	0.69	1.27
12	0.53	3.1	1.4	0.2	0.1	0.13	0.36	0.80
Summary	21.86	74.3	44.3	14.0	4.1	11.91	19.67	28.83

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3045 ft. Lat: 40.523° N Lon: 101.034° W

Generated on 08/15/2016

Station: **HAYES CENTER, NE US GHCND:USW00024020**

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	2.5	0.7	0.4	0.1	12.0	7.5	5.0	1.3	2.0	5.0	9.4
2	5.0	2.5	2.3	0.7	0.2	0.1	9.9	5.8	2.8	0.7	1.0	4.0	8.0
3	6.0	2.8	2.6	0.8	0.3	0.0	4.9	2.5	1.1	0.1	2.0	4.7	8.0
4	3.9	1.3	1.3	0.7	0.2	0.0	1.5	0.9	0.5	0.0	0.0	1.5	5.5
5	0.1	0.1	0.1	0.0	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.1	0.1	-7777	0.0	0.0	0.0	-7777	-7777	-7777	0.0	0.0	0.0	0.0
10	2.3	0.8	0.7	0.3	0.2	-7777	1.0	0.6	0.3	0.1	0.0	0.0	3.0
11	3.9	1.8	1.7	0.6	0.2	0.0	4.4	2.0	0.9	0.1	2.0	3.5	5.2
12	5.3	2.5	2.1	0.6	0.2	-7777	10.1	6.0	3.3	0.8	1.5	4.0	7.9
Summary	32.9	14.7	13.3	4.4	1.7	0.2	43.9	25.3	13.9	3.1	8.5	22.7	47.0

@ 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: 3045 ft. Lat: 40.523° N Lon: 101.034° W

Generated on 08/15/2016

Station: **HAYES CENTER, NE US GHCND:USW00024020**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	32	111	271	565	849	1066	1010	694	353	99	16
45	4	11	52	166	416	699	911	855	547	232	49	4
50	-7777	2	19	89	278	550	756	700	405	132	18	-7777
55	-7777	-7777	6	41	165	404	601	546	273	61	4	-7777
60	0	0	1	15	80	265	447	393	162	21	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	26	44	113	205	349	532	682	647	434	249	91	25

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	47	158	429	994	1843	2909	3919	4613	4966	5065	5081
45	4	15	67	233	649	1348	2259	3114	3661	3893	3942	3946
50	0	2	21	110	388	938	1694	2394	2799	2931	2949	2949
55	0	0	6	47	212	616	1217	1763	2036	2097	2101	2101
60	0	0	1	16	96	361	808	1201	1363	1384	1384	1384
Growing Degree Units for Corn (Monthly)												
50/86	26	70	183	388	737	1269	1951	2598	3032	3281	3372	3397

**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: 3025 ft. Lat: 41.057° N Lon: 100.749° W

Generated on 08/15/2016

Station: **NORTH PLATTE EXPERIMENTAL FRM, NE US GHCND:USC00256075**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	36.9	13.8	25.3	6.1	4.8	5.3	-7777	0	0	0	0	0	919	981	1074	1229	0.0	0.0	5.4	10.6	30.5	4.0
2	41.2	16.6	28.9	7.0	5.2	5.8	-7777	-7777	0	0	0	0	731	787	871	1011	0.0	0.0	8.5	7.1	27.1	3.1
3	50.7	24.8	37.7	4.4	3.6	3.7	4	2	-7777	-7777	-7777	0	539	598	690	845	0.0	0.0	16.7	3.7	24.3	0.5
4	60.9	34.0	47.5	4.4	2.8	3.2	39	28	15	4	1	-7777	266	314	392	531	0.0	0.2	23.5	0.4	12.7	0.0
5	70.5	45.0	57.8	3.9	2.5	2.9	156	119	74	25	5	2	70	96	144	250	0.0	0.7	29.9	0.0	1.4	0.0
6	80.5	55.2	67.9	4.0	2.7	3.1	391	335	254	138	57	37	6	9	19	53	0.3	4.7	29.9	0.0	0.0	0.0
7	87.4	61.0	74.2	3.2	2.1	2.5	595	533	441	291	158	114	-7777	-7777	1	6	1.6	12.1	31.0	0.0	0.0	0.0
8	85.7	59.3	72.5	3.7	2.3	2.8	543	482	391	247	123	85	1	1	4	14	0.7	9.9	31.0	0.0	0.0	0.0
9	77.0	48.9	63.0	3.5	2.5	2.8	270	223	160	78	28	16	31	45	72	140	0.1	3.8	29.5	0.0	0.8	0.0
10	63.6	36.4	50.0	4.1	2.4	3.0	57	39	20	5	-7777	-7777	212	256	330	470	0.0	0.2	26.1	0.4	8.5	0.0
11	48.8	24.4	36.6	5.9	3.6	4.6	3	2	-7777	-7777	0	0	555	614	702	852	0.0	0.0	14.4	4.1	23.5	0.5
12	37.5	14.7	26.1	6.5	5.1	5.7	-7777	0	0	0	0	0	896	958	1051	1206	0.0	0.0	6.0	10.2	30.7	3.3
Summary	61.7	36.2	49.0	4.7	3.3	3.8	2058	1763	1355	788	372	254	4226	4659	5350	6607	2.7	31.6	251.9	36.5	159.5	11.4

@ 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: 3025 ft. Lat: 41.057° N Lon: 100.749° W

Generated on 08/15/2016

Station: **NORTH PLATTE EXPERIMENTAL FRM, NE US GHCND:USC00256075**

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	0.33	3.4	0.9	-7777	0.0	0.16	0.31	0.45
2	0.50	4.2	1.5	0.2	0.0	0.13	0.34	0.72
3	1.12	6.1	2.5	0.6	0.1	0.38	0.93	1.64
4	2.18	8.2	5.0	1.3	0.3	1.26	1.82	2.75
5	3.35	10.8	6.6	1.9	0.8	1.91	3.28	4.64
6	3.69	10.5	6.5	2.5	1.0	2.93	3.75	4.59
7	2.86	8.6	5.5	2.0	0.5	1.77	2.52	3.83
8	2.39	7.3	4.4	1.8	0.6	1.14	2.25	3.41
9	1.58	6.6	3.6	0.9	0.3	0.80	1.22	1.99
10	1.70	6.7	3.5	1.1	0.3	0.90	1.26	2.41
11	0.69	4.4	1.9	0.4	-7777	0.15	0.58	1.06
12	0.41	3.4	1.0	0.1	-7777	0.04	0.21	0.55
Summary	20.80	80.2	42.9	12.8	3.9	11.57	18.47	28.04

@ 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: 3025 ft. Lat: 41.057° N Lon: 100.749° W

Generated on 08/15/2016

Station: **NORTH PLATTE EXPERIMENTAL FRM, NE US GHCND:USC00256075**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.3	3.1	1.8	0.5	0.2	-7777	@	@	@	@	0.6	4.7	7.2
2	5.2	3.3	2.0	0.6	0.2	0.0	@	@	@	@	1.5	4.1	8.2
3	4.9	3.5	2.2	0.5	0.1	0.0	@	@	@	@	1.5	4.4	8.0
4	4.5	1.6	1.4	0.6	0.3	0.0	@	@	@	@	0.5	2.7	7.0
5	0.1	0.1	0.1	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.3	0.1	0.1	-7777	-7777	0.0	@	@	@	@	0.0	0.0	0.0
10	1.3	0.7	0.6	0.4	0.1	0.1	@	@	@	@	0.0	0.0	1.5
11	4.0	2.5	1.7	0.6	0.5	0.1	@	@	@	@	1.5	2.2	5.5
12	4.6	2.9	1.7	0.6	0.2	0.0	@	@	@	@	1.2	3.0	7.4
Summary	30.2	17.8	11.6	3.8	1.6	0.2	0.0	0.0	0.0	0.0	6.8	21.1	44.8

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

## Summary of Monthly Normals 1981-2010

Elev: 3025 ft. Lat: 41.057° N Lon: 100.749° W

Generated on 08/15/2016

Station: **NORTH PLATTE EXPERIMENTAL FRM, NE US GHCND:USC00256075**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	26	104	263	551	835	1060	1007	690	339	89	11
45	2	8	47	161	404	686	905	852	544	220	43	2
50	-7777	1	16	87	267	537	750	697	402	124	15	-7777
55	-7777	-7777	4	39	156	391	595	543	270	57	3	-7777
60	0	0	-7777	15	74	254	441	391	160	20	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	19	36	99	189	332	524	690	653	430	230	79	19

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	37	141	404	955	1790	2850	3857	4547	4886	4975	4986
45	2	10	57	218	622	1308	2213	3065	3609	3829	3872	3874
50	0	1	17	104	371	908	1658	2355	2757	2881	2896	2896
55	0	0	4	43	199	590	1185	1728	1998	2055	2058	2058
60	0	0	0	15	89	343	784	1175	1335	1355	1355	1355
Growing Degree Units for Corn (Monthly)												
50/86	19	55	154	343	675	1199	1889	2542	2972	3202	3281	3300

**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: 2690 ft. Lat: 40.686° N Lon: 100.054° W

Generated on 08/15/2016

Station: **EUSTIS 2 NW, NE US GHCND:USC00252790**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	37.5	12.9	25.2				-7777	0	0	0	0	0	924	986	1079	1234	0.0	0.0	7.4	11.9	30.8	3.9
2	41.3	15.9	28.6				-7777	-7777	0	0	0	0	739	795	879	1019	0.0	0.0	7.7	7.4	27.1	2.4
3	50.6	24.3	37.4				6	3	1	0	0	0	550	609	700	854	0.0	0.0	16.8	3.0	25.3	0.4
4	61.2	34.9	48.1				34	20	7	1	-7777	-7777	242	288	366	510	0.0	0.0	24.1	0.2	10.3	0.0
5	71.7	47.5	59.6				192	150	99	41	10	5	49	70	112	209	0.0	0.6	30.3	0.0	0.3	0.0
6	81.6	57.1	69.4				433	376	293	170	77	51	3	5	13	39	0.3	6.2	30.0	0.0	0.0	0.0
7	87.6	63.0	75.3				629	567	474	323	182	132	-7777	-7777	-7777	4	1.7	11.4	31.0	0.0	0.0	0.0
8	85.6	60.3	73.0				556	494	402	255	131	93	-7777	-7777	1	9	0.8	9.9	31.0	0.0	0.0	0.0
9	77.7	50.2	64.0				288	240	173	85	32	20	20	32	54	117	0.1	3.4	30.0	0.0	0.2	0.0
10	64.6	36.1	50.4				64	45	25	7	1	1	208	251	324	461	0.0	0.5	27.2	0.2	9.6	0.0
11	49.1	25.0	37.1				2	1	-7777	-7777	-7777	0	541	599	689	838	0.0	0.0	14.2	3.3	23.9	0.1
12	37.9	14.7	26.3				0	0	0	0	0	0	889	951	1044	1199	0.0	0.0	6.1	9.8	30.6	2.7
Summary	62.2	36.8	49.5				2204	1896	1474	882	433	302	4165	4586	5261	6493	2.9	32.0	255.8	35.8	158.1	9.5

@ 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: 2690 ft. Lat: 40.686° N Lon: 100.054° W

Generated on 08/15/2016

Station: **EUSTIS 2 NW, NE US GHCND:USC00252790**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.57	4.0	1.5	0.3	-7777	0.18	0.43	0.81
2	0.72	4.8	2.3	0.3	0.0	0.30	0.65	1.08
3	1.53	6.6	3.4	0.7	0.4	0.69	1.38	2.16
4	2.28	8.5	4.9	1.4	0.6	1.16	2.00	3.28
5	3.77	11.5	6.7	2.2	0.8	2.26	3.18	4.43
6	3.60	10.6	6.5	2.2	0.7	2.19	3.41	4.55
7	3.30	8.9	5.6	2.4	0.9	2.11	2.94	4.10
8	2.62	7.7	4.4	1.8	0.8	1.39	2.46	3.67
9	1.79	6.6	3.2	1.2	0.5	0.70	1.70	2.31
10	1.80	6.6	3.5	1.0	0.5	0.59	1.28	2.48
11	1.02	4.6	2.6	0.7	0.1	0.39	0.75	1.67
12	0.66	4.0	1.7	0.3	0.1	0.11	0.51	0.86
Summary	23.66	84.4	46.3	14.5	5.4	12.07	20.69	31.40

@ 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: 2690 ft. Lat: 40.686° N Lon: 100.054° W

Generated on 08/15/2016

Station: **EUSTIS 2 NW, NE US GHCND:USC00252790**

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	4.0	1.6	0.5	0.2	0.1	13.8	8.3	4.6	1.2	2.1	4.9	7.7
2	6.0	4.0	2.0	0.6	0.2	0.0	11.9	6.4	3.3	0.5	2.6	4.8	8.6
3	5.0	3.6	1.8	0.5	0.2	0.1	5.1	2.3	1.2	0.2	1.6	3.9	6.3
4	3.7	2.0	1.1	0.4	0.1	0.1	1.7	0.9	0.4	0.1	0.3	0.9	5.6
5	0.1	0.1	-7777	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.3	0.1	0.1	-7777	-7777	0.0	0.1	-7777	-7777	0.0	0.0	0.0	0.0
10	1.6	0.9	0.6	0.2	0.1	0.0	0.9	0.4	0.1	0.0	0.0	0.0	2.4
11	4.0	2.7	1.5	0.4	0.2	0.0	4.3	1.8	1.0	0.2	1.3	3.2	4.4
12	5.1	3.7	1.8	0.4	0.2	0.0	11.2	7.0	3.7	0.6	1.1	4.6	8.8
Summary	30.9	21.1	10.5	3.0	1.2	0.3	49.0	27.1	14.3	2.8	9.0	22.3	43.8

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

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2690 ft. Lat: 40.686° N Lon: 100.054° W

Generated on 08/15/2016

Station: **EUSTIS 2 NW, NE US GHCND:USC00252790**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	21	98	279	608	880	1093	1021	718	346	84	9
45	2	8	47	173	457	730	938	866	569	225	36	1
50	-7777	3	19	89	315	581	784	711	424	129	11	-7777
55	-7777	-7777	6	34	192	433	629	556	288	64	2	0
60	0	0	1	7	99	293	474	402	173	25	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	25	32	94	189	358	559	724	663	447	243	73	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	32	130	409	1017	1897	2990	4011	4729	5075	5159	5168
45	2	10	57	230	687	1417	2355	3221	3790	4015	4051	4052
50	0	3	22	111	426	1007	1791	2502	2926	3055	3066	3066
55	0	0	6	40	232	665	1294	1850	2138	2202	2204	2204
60	0	0	1	8	107	400	874	1276	1449	1474	1474	1474
Growing Degree Units for Corn (Monthly)												
50/86	25	57	151	340	698	1257	1981	2644	3091	3334	3407	3425

**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: 3075 ft. Lat: 41.123° N Lon: 101.356° W

Generated on 08/15/2016

Station: **PAXTON, NE US GHCND:USC00256585**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.38	3.0	1.1	0.2	0.0	0.09	0.28	0.66
2	0.51	3.1	1.6	0.2	0.0	0.12	0.38	0.82
3	1.11	4.6	3.0	0.6	0.1	0.38	0.93	1.50
4	2.24	6.8	4.7	1.6	0.4	1.11	2.09	3.38
5	3.17	9.7	6.4	2.1	0.6	2.28	2.67	4.11
6	3.37	9.0	6.1	2.1	0.8	2.43	3.15	4.39
7	3.10	7.2	5.6	2.2	0.9	2.03	2.79	4.03
8	2.20	6.5	3.8	1.5	0.5	0.85	1.52	2.74
9	1.66	5.4	3.2	1.0	0.4	0.67	1.55	2.41
10	1.62	5.2	3.5	1.0	0.3	0.74	1.27	2.43
11	0.65	3.1	1.7	0.3	0.0	0.22	0.51	1.04
12	0.34	2.1	0.9	0.1	-7777	0.05	0.21	0.44
Summary	20.35	65.7	41.6	12.9	4.0	10.97	17.35	27.95

@ 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: 3075 ft. Lat: 41.123° N Lon: 101.356° W

Generated on 08/15/2016

Station: **PAXTON, NE US GHCND:USC00256585**

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	3.1	1.5	1.2	0.2	0.1	0.0	3.3	1.4	0.6	-7777	0.0	1.0	6.0
2	4.1	2.0	1.4	0.5	0.2	0.0	3.3	1.6	0.7	0.0	0.0	3.0	6.5
3	2.0	0.8	0.6	0.2	0.1	0.0	0.9	0.5	0.3	0.0	0.0	0.0	4.0
4	0.8	0.3	0.3	0.2	0.1	0.0	0.1	0.1	-7777	0.0	0.0	0.0	0.0
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	0.1	0.1	-7777	-7777	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	0.1	0.1	-7777	0.2	0.1	0.1	-7777	0.0	0.0	0.0
11	3.3	0.8	0.7	0.3	0.1	-7777	0.6	-7777	0.0	0.0	0.0	1.0	2.0
12	3.6	1.3	1.0	0.4	0.1	-7777	3.5	1.5	0.8	0.0	0.0	0.7	5.5
Summary	17.3	7.0	5.3	1.9	0.8	0.0	11.9	5.2	2.5	0.0	0.0	5.7	24.0

@ 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: 2561 ft. Lat: 40.358° N Lon: 100.661° W

Generated on 08/15/2016

Station: **RED WILLOW DAM, NE US GHCND:USC00257110**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.8	12.5	26.2	6.0	4.4	5.0	-7777	0	0	0	0	0	894	956	1049	1204	0.0	0.0	7.9	9.2	30.9	3.6
2	44.1	15.9	30.0	6.5	4.5	5.1	-7777	-7777	0	0	0	0	700	756	840	980	0.0	0.0	10.2	6.0	27.3	2.3
3	53.8	24.0	38.9	4.4	3.1	3.4	5	2	1	-7777	-7777	0	504	563	655	809	0.0	0.0	19.1	2.1	25.9	0.6
4	64.0	33.2	48.6	4.4	2.7	3.1	43	29	15	4	-7777	-7777	235	281	357	495	0.0	0.4	25.4	0.2	13.6	0.0
5	73.1	45.1	59.1	3.8	2.6	2.8	179	139	90	33	7	3	52	74	118	215	-7777	1.3	30.6	0.0	1.7	0.0
6	83.1	55.4	69.3	3.8	2.7	3.0	430	373	289	166	75	49	3	5	12	38	0.6	7.0	30.0	0.0	0.0	0.0
7	89.3	60.9	75.1	3.2	2.0	2.2	623	561	468	317	178	130	0	-7777	-7777	4	2.4	15.0	31.0	0.0	0.0	0.0
8	87.8	59.2	73.5	3.8	2.4	2.8	574	512	420	273	143	101	-7777	1	2	10	1.5	13.0	31.0	0.0	0.0	0.0
9	78.9	47.6	63.2	3.9	2.9	3.0	274	227	163	81	30	17	26	39	66	133	0.2	4.9	29.7	0.0	1.0	0.0
10	66.8	34.8	50.8	3.9	2.7	2.6	56	38	19	4	1	-7777	186	230	304	444	0.0	0.5	27.9	0.2	11.2	0.0
11	52.1	23.3	37.7	5.2	3.2	3.7	3	1	-7777	-7777	0	0	522	580	669	819	0.0	0.0	17.1	2.2	25.5	0.3
12	40.5	13.8	27.2	6.3	5.1	5.5	0	0	0	0	0	0	863	925	1018	1173	0.0	0.0	7.8	7.6	30.8	3.1
Summary	64.4	35.5	50.0	4.6	3.2	3.5	2187	1882	1465	878	434	300	3985	4410	5090	6324	4.7	42.1	267.7	27.5	167.9	9.9

@ 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: 2561 ft. Lat: 40.358° N Lon: 100.661° W

Generated on 08/15/2016

Station: **RED WILLOW DAM, NE US GHCND:USC00257110**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.29	2.4	1.0	0.1	0.0	0.05	0.18	0.44
2	0.43	3.4	1.6	0.1	0.0	0.15	0.32	0.58
3	1.22	4.8	2.7	0.7	0.2	0.27	0.93	1.85
4	2.04	6.4	3.8	1.3	0.5	1.12	1.61	2.79
5	3.04	9.3	5.6	1.7	0.6	1.54	2.64	4.39
6	3.49	9.1	5.8	2.2	0.9	2.28	3.44	4.39
7	2.87	7.8	5.1	1.9	1.0	1.29	2.56	4.22
8	2.69	6.7	4.5	1.6	0.7	1.26	2.31	3.80
9	1.51	5.2	2.9	1.1	0.2	0.69	1.39	1.92
10	1.65	5.1	2.9	1.0	0.4	0.60	1.31	2.75
11	0.72	3.4	1.5	0.4	0.0	0.27	0.57	1.08
12	0.52	2.8	0.8	0.2	0.1	0.08	0.29	0.49
Summary	20.47	66.4	38.2	12.3	4.6	9.60	17.55	28.70

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

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2561 ft. Lat: 40.358° N Lon: 100.661° W

Generated on 08/15/2016

Station: **RED WILLOW DAM, NE US GHCND:USC00257110**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	24	109	286	592	877	1088	1038	698	353	91	8
45	2	7	50	176	442	727	933	883	551	229	42	1
50	-7777	1	18	94	299	578	778	728	407	127	13	-7777
55	-7777	-7777	5	43	179	430	623	574	274	56	3	0
60	0	0	1	15	90	289	468	420	163	19	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	29	46	124	225	371	556	700	666	446	271	100	25

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	35	144	430	1022	1899	2987	4025	4723	5076	5167	5175
45	2	9	59	235	677	1404	2337	3220	3771	4000	4042	4043
50	0	1	19	113	412	990	1768	2496	2903	3030	3043	3043
55	0	0	5	48	227	657	1280	1854	2128	2184	2187	2187
60	0	0	1	16	106	395	863	1283	1446	1465	1465	1465
Growing Degree Units for Corn (Monthly)												
50/86	29	75	199	424	795	1351	2051	2717	3163	3434	3534	3559

**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: 2827 ft. Lat: 40.152° N Lon: 101.229° W

Generated on 08/15/2016

Station: **STRATTON, NE US GHCND:USC00258255**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.37	2.4	1.0	0.2	0.0	0.09	0.25	0.50
2	0.41	2.9	1.2	-7777	0.0	0.12	0.32	0.65
3	1.08	4.5	2.7	0.5	0.1	0.33	0.88	1.29
4	2.02	6.3	4.0	1.0	0.3	1.00	1.73	2.94
5	3.23	10.2	5.9	1.5	0.4	1.64	2.90	4.40
6	3.09	8.7	6.3	1.9	0.9	1.30	3.18	4.62
7	2.78	7.5	5.6	1.9	0.6	1.56	2.60	3.66
8	2.58	7.5	5.2	2.1	1.0	1.26	2.02	3.71
9	1.44	5.0	3.2	1.0	0.3	0.66	1.13	1.96
10	1.46	5.1	3.2	0.8	0.3	0.41	1.24	2.02
11	0.74	3.4	1.8	0.4	0.0	0.25	0.54	0.94
12	0.45	2.3	0.9	0.2	0.1	0.08	0.25	0.66
Summary	19.65	65.8	41.0	11.5	4.0	8.70	17.04	27.35

@ 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: 2827 ft. Lat: 40.152° N Lon: 101.229° W

Generated on 08/15/2016

Station: **STRATTON, NE US GHCND:USC00258255**

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	2.1	1.6	0.6	0.3	0.1	@	@	@	@	1.9	4.3	7.4
2	4.3	2.1	1.7	0.7	0.1	0.0	@	@	@	@	1.5	3.0	7.0
3	4.0	1.7	1.4	0.5	0.1	0.0	@	@	@	@	0.0	2.5	8.0
4	0.5	0.4	0.3	0.2	-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
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.8	0.3	0.3	0.1	0.1	0.0	@	@	@	@	0.0	0.0	0.0
11	2.7	1.1	1.0	0.5	0.1	0.0	@	@	@	@	0.0	2.0	4.0
12	2.4	1.5	1.4	0.3	0.0	0.0	@	@	@	@	0.0	1.9	3.0
Summary	19.8	9.2	7.7	2.9	0.7	0.1	0.0	0.0	0.0	0.0	3.4	13.7	29.4

@ 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: 3268 ft. Lat: 40.510° N Lon: 101.620° W

Generated on 08/15/2016

Station: **IMPERIAL MUNICIPAL AIRPORT, NE US GHCND:USW00024091**

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	41.1	15.5	28.3	5.6	3.5	4.3	0	0	0	0	0	0	828	890	983	1138	0.0	0.0	8.8	8.4	30.6	2.1
2	44.5	18.6	31.5	6.5	3.6	4.8	-7777	0	0	0	0	0	656	712	796	936	0.0	0.0	9.1	4.8	27.2	1.0
3	54.1	25.6	39.8	4.0	3.6	3.5	6	3	1	0	0	0	475	535	626	780	0.0	0.0	19.9	1.5	25.5	0.2
4	62.4	34.6	48.5	3.7	1.7	2.4	31	20	8	1	-7777	-7777	226	275	353	496	0.0	0.0	25.7	0.1	10.9	0.0
5	73.3	46.4	59.8	3.6	2.1	2.7	196	156	103	43	13	7	45	67	108	202	0.0	2.0	30.4	0.0	0.5	0.0
6	84.0	56.0	70.0	3.9	2.9	3.2	452	395	310	184	87	60	3	5	11	34	0.9	8.7	30.0	0.0	0.0	0.0
7	91.0	61.8	76.4	3.1	1.7	2.2	663	601	508	356	210	157	-7777	-7777	-7777	2	3.4	17.6	31.0	0.0	0.0	0.0
8	87.8	59.9	73.8	3.8	2.4	2.9	584	522	430	282	150	106	-7777	-7777	1	7	0.7	13.2	31.0	0.0	0.0	0.0
9	79.2	49.7	64.4	3.6	2.4	2.8	300	249	181	91	34	21	17	26	47	107	0.2	4.5	29.7	0.0	0.2	0.0
10	65.1	36.5	50.8	3.8	2.3	2.6	59	40	21	6	2	1	189	232	306	446	0.0	0.6	27.5	0.5	8.1	0.0
11	51.2	24.2	37.7	4.8	3.1	3.7	2	1	-7777	-7777	0	0	521	579	669	819	0.0	0.0	15.6	2.3	24.8	0.0
12	41.2	15.6	28.4	5.6	3.4	4.3	0	0	0	0	0	0	824	886	979	1134	0.0	0.0	8.1	6.8	30.6	2.1
Summary	64.6	37.0	50.8	4.3	2.7	3.3	2293	1987	1562	963	496	352	3784	4207	4879	6101	5.2	46.6	266.8	24.4	158.4	5.4

@ 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: 3268 ft. Lat: 40.510° N Lon: 101.620° W

Generated on 08/15/2016

Station: **IMPERIAL MUNICIPAL AIRPORT, NE US GHCND:USW00024091**

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	0.30	@	@	@	@			
2	0.38	@	@	@	@			
3	1.07	@	@	@	@			
4	1.97	@	@	@	@			
5	2.97	@	@	@	@			
6	3.17	@	@	@	@			
7	2.89	@	@	@	@			
8	2.59	@	@	@	@			
9	1.43	@	@	@	@			
10	1.34	@	@	@	@			
11	0.63	@	@	@	@			
12	0.40	@	@	@	@			
Summary	19.14	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: 3268 ft. Lat: 40.510° N Lon: 101.620° W

Generated on 08/15/2016

Station: **IMPERIAL MUNICIPAL AIRPORT, NE US GHCND:USW00024091**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>40</b>	16	24	115	280	616	900	1128	1049	733	356	84	12
<b>45</b>	3	7	54	167	464	750	972	894	585	229	38	3
<b>50</b>	-7777	2	20	83	320	600	818	739	439	129	11	-7777
<b>55</b>	0	-7777	6	31	196	452	663	584	300	59	2	0
<b>60</b>	0	0	1	8	103	310	508	430	181	21	-7777	0
Growing Degree Units for Corn (Monthly)												
<b>50/86</b>	32	42	122	202	374	564	722	676	457	249	90	27

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>40</b>	16	40	155	435	1051	1951	3079	4128	4861	5217	5301	5313
<b>45</b>	3	10	64	231	695	1445	2417	3311	3896	4125	4163	4166
<b>50</b>	0	2	22	105	425	1025	1843	2582	3021	3150	3161	3161
<b>55</b>	0	0	6	37	233	685	1348	1932	2232	2291	2293	2293
<b>60</b>	0	0	1	9	112	422	930	1360	1541	1562	1562	1562
Growing Degree Units for Corn (Monthly)												
<b>50/86</b>	32	74	196	398	772	1336	2058	2734	3191	3440	3530	3557

**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: 2757 ft. Lat: 40.350° N Lon: 101.105° W

Generated on 08/15/2016

Station: **PALISADE, NE US GHCND:USC00256480**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.43	3.2	1.2	0.2	0.0	0.19	0.23	0.56
2	0.49	4.0	1.5	0.2	0.0	0.16	0.39	0.71
3	1.23	5.5	3.0	0.7	0.2	0.42	0.95	1.70
4	2.10	7.0	4.4	1.6	0.4	1.15	1.67	3.15
5	3.36	10.9	7.2	2.0	0.6	1.50	3.29	4.90
6	3.39	9.1	5.9	2.1	0.8	2.08	3.30	4.40
7	3.41	8.9	6.0	2.0	0.9	1.66	3.07	3.93
8	2.74	7.3	4.3	1.8	0.7	0.98	2.34	3.89
9	1.48	5.3	3.2	0.9	0.3	0.52	1.18	2.45
10	1.59	5.8	3.4	0.8	0.3	0.42	1.44	2.35
11	0.78	4.2	2.1	0.3	-7777	0.35	0.59	1.25
12	0.52	3.2	1.5	0.3	0.1	0.12	0.35	0.74
Summary	21.52	74.4	43.7	12.9	4.3	9.55	18.80	30.03

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2757 ft. Lat: 40.350° N Lon: 101.105° W

Generated on 08/15/2016

Station: **PALISADE, NE US GHCND:USC00256480**

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	2.6	1.8	0.5	0.2	0.1	11.3	6.7	4.3	1.0	2.0	3.5	7.1
2	4.8	2.7	1.8	0.7	0.2	0.0	8.1	4.5	2.1	0.0	2.0	3.7	7.7
3	4.9	2.6	2.1	0.6	0.2	0.0	3.4	1.5	0.4	0.0	2.0	3.0	8.0
4	2.6	1.1	0.9	0.4	0.1	0.0	0.9	0.5	0.1	0.0	0.0	0.5	3.0
5	0.1	-7777	-7777	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	-7777	-7777	-7777	0.0	0.0	0.0	0.0
10	1.1	0.6	0.4	0.1	0.1	0.0	0.7	0.3	0.1	0.0	0.0	0.0	0.0
11	3.7	1.6	1.2	0.4	0.2	-7777	3.1	1.4	0.8	0.1	1.0	3.0	5.0
12	4.3	2.4	1.8	0.5	0.2	-7777	9.0	4.7	2.3	0.6	1.0	3.7	6.0
Summary	26.2	13.7	10.1	3.2	1.2	0.1	36.5	19.6	10.1	1.7	8.0	17.4	36.8

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

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2387 ft. Lat: 40.376° N Lon: 100.223° W

Generated on 08/15/2016

Station: **MEDICINE CREEK DAM, NE US GHCND:USC00255388**

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	41.2	12.8	27.0	6.0	4.4	4.9	-7777	0	0	0	0	0	868	930	1023	1178	0.0	0.0	8.9	8.6	30.8	3.8
2	44.6	16.3	30.4	6.7	4.9	5.4	-7777	-7777	0	0	0	0	687	743	827	967	0.0	0.0	10.0	5.7	27.0	2.6
3	54.3	24.8	39.6	4.4	3.5	3.5	7	4	1	-7777	-7777	0	486	545	635	789	0.0	0.1	19.1	2.3	24.4	0.7
4	64.6	34.5	49.5	4.7	3.0	3.4	56	40	23	7	1	-7777	220	264	337	471	0.0	0.7	25.4	0.2	11.7	0.0
5	73.9	46.7	60.3	3.7	2.7	2.9	208	166	112	47	13	6	44	63	102	192	0.1	1.9	30.7	0.0	1.0	0.0
6	84.0	56.8	70.4	4.0	2.9	3.2	464	406	321	193	95	66	2	4	9	31	0.9	7.9	30.0	0.0	0.0	0.0
7	90.0	62.3	76.2	3.4	1.9	2.3	655	594	501	348	206	156	0	-7777	-7777	3	3.4	16.2	31.0	0.0	0.0	0.0
8	88.5	60.1	74.3	3.9	2.4	2.9	598	536	444	295	162	119	-7777	-7777	1	7	2.3	14.0	31.0	0.0	0.0	0.0
9	80.7	49.1	64.9	4.1	2.8	3.0	318	268	199	107	45	29	21	31	53	110	0.5	6.4	29.8	0.0	0.8	0.0
10	68.1	36.0	52.1	4.1	2.6	2.6	76	53	30	9	2	1	167	207	276	410	0.0	0.8	28.3	0.1	10.0	0.0
11	52.7	23.6	38.2	5.6	3.5	4.1	5	3	1	-7777	0	0	510	568	656	805	0.0	0.0	17.1	2.2	24.5	0.4
12	41.4	14.1	27.7	6.2	4.9	5.4	0	0	0	0	0	0	845	907	1000	1155	0.0	0.0	8.9	7.4	30.6	3.4
Summary	65.3	36.4	50.9	4.7	3.3	3.6	2387	2070	1632	1006	524	377	3850	4262	4919	6118	7.2	48.0	270.2	26.5	160.8	10.9

@ 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: 2387 ft. Lat: 40.376° N Lon: 100.223° W

Generated on 08/15/2016

Station: **MEDICINE CREEK DAM, NE US GHCND:USC00255388**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.38	3.3	1.3	0.1	0.0	0.11	0.30	0.60
2	0.61	4.2	2.0	0.3	0.0	0.16	0.57	0.80
3	1.29	5.6	3.1	0.6	0.3	0.46	1.07	1.96
4	1.97	6.6	4.0	1.2	0.5	0.87	1.53	2.74
5	3.20	10.3	6.4	1.9	0.7	1.86	2.95	4.49
6	3.87	9.3	5.9	2.5	0.9	2.79	3.97	4.83
7	3.05	7.8	5.1	2.1	0.9	1.62	2.42	4.14
8	2.87	7.4	4.7	1.7	0.8	1.46	2.63	3.83
9	1.60	5.6	3.5	1.1	0.2	0.86	1.25	2.11
10	1.73	5.1	3.4	1.0	0.4	0.43	1.44	2.78
11	0.93	3.7	1.9	0.7	0.0	0.31	0.65	1.70
12	0.50	3.0	1.3	0.2	0.0	0.10	0.39	0.61
Summary	22.00	71.9	42.6	13.4	4.7	11.03	19.17	30.59

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

## Summary of Monthly Normals 1981-2010

Elev: 2387 ft. Lat: 40.376° N Lon: 100.223° W

Generated on 08/15/2016

Station: **MEDICINE CREEK DAM, NE US GHCND:USC00255388**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	31	125	313	630	912	1121	1063	747	390	101	11
45	2	9	61	200	477	762	965	908	599	262	51	2
50	-7777	2	23	114	333	612	810	753	455	155	18	-7777
55	-7777	-7777	7	56	208	464	655	598	318	76	5	0
60	0	0	1	23	112	321	501	444	199	30	1	0
Growing Degree Units for Corn (Monthly)												
50/86	35	51	130	233	390	581	724	683	475	290	108	31

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	45	170	483	1113	2025	3146	4209	4956	5346	5447	5458
45	2	11	72	272	749	1511	2476	3384	3983	4245	4296	4298
50	0	2	25	139	472	1084	1894	2647	3102	3257	3275	3275
55	0	0	7	63	271	735	1390	1988	2306	2382	2387	2387
60	0	0	1	24	136	457	958	1402	1601	1631	1632	1632
Growing Degree Units for Corn (Monthly)												
50/86	35	86	216	449	839	1420	2144	2827	3302	3592	3700	3731

**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: 2721 ft. Lat: 40.674° N Lon: 100.494° W

Generated on 08/15/2016

Station: **CURTIS 3 NNE, NE US GHCND:USC00252100**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.6	12.1	25.9	6.0	4.5	5.0	-7777	0	0	0	0	0	904	966	1059	1214	0.0	0.0	7.9	9.6	30.7	4.1
2	43.3	15.2	29.3	6.7	4.8	5.3	-7777	-7777	0	0	0	0	721	777	861	1001	0.0	0.0	10.3	6.7	27.3	3.0
3	53.1	23.5	38.3	4.6	3.4	3.5	6	3	1	-7777	0	0	523	583	674	828	0.0	0.0	18.5	2.7	26.0	0.7
4	63.6	33.5	48.6	4.6	3.1	3.3	44	31	17	4	-7777	-7777	238	284	360	497	0.0	0.3	25.4	0.2	13.5	0.0
5	72.8	45.1	59.0	3.7	2.7	2.8	176	137	88	32	7	4	54	77	121	220	0.0	1.3	30.5	0.0	2.1	0.0
6	83.1	55.8	69.5	4.0	2.8	3.0	437	380	296	172	78	52	4	6	13	38	0.9	6.8	30.0	0.0	0.0	0.0
7	89.3	61.1	75.2	3.4	2.1	2.5	626	564	472	320	181	133	-7777	-7777	1	4	2.6	15.0	31.0	0.0	0.0	0.0
8	87.3	58.7	73.0	3.6	2.2	2.7	558	497	406	259	131	92	1	1	3	11	1.5	11.7	31.0	0.0	0.0	0.0
9	79.2	47.5	63.4	3.9	2.7	2.9	278	230	166	83	30	18	27	40	66	132	0.1	5.0	29.6	0.0	1.4	0.0
10	66.2	34.6	50.4	4.4	2.7	3.0	54	37	18	4	1	-7777	197	241	316	457	0.0	0.3	27.9	0.3	11.1	0.0
11	50.8	22.3	36.6	6.2	3.8	4.5	3	1	-7777	-7777	0	0	556	615	704	853	0.0	0.0	16.0	3.4	24.9	0.7
12	39.7	13.1	26.4	6.3	5.2	5.5	0	0	0	0	0	0	886	948	1041	1196	0.0	0.0	7.1	8.1	30.8	3.6
Summary	64.0	35.2	49.6	4.8	3.3	3.7	2182	1880	1464	874	428	299	4111	4538	5219	6451	5.1	40.4	265.2	31.0	167.8	12.1

@ 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: 2721 ft. Lat: 40.674° N Lon: 100.494° W

Generated on 08/15/2016

Station: **CURTIS 3 NNE, NE US GHCND:USC00252100**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.41	2.6	1.1	0.2	-7777	0.13	0.24	0.60
2	0.48	3.8	2.0	0.1	-7777	0.16	0.40	0.66
3	1.21	5.5	3.0	0.7	0.1	0.54	0.88	1.72
4	2.15	6.6	4.5	1.2	0.5	0.99	2.01	2.89
5	3.29	9.1	6.3	2.1	0.5	1.92	3.07	4.63
6	3.65	8.4	6.0	2.8	0.9	2.50	3.26	5.08
7	2.93	7.5	5.2	2.1	0.7	1.76	2.55	3.98
8	2.87	6.6	4.1	1.9	0.8	1.32	3.05	3.83
9	1.64	5.0	3.4	1.1	0.5	0.80	1.29	2.10
10	1.70	5.3	3.2	1.0	0.4	0.66	1.65	2.07
11	0.81	3.8	1.9	0.4	0.1	0.30	0.69	1.30
12	0.45	2.7	1.0	0.3	0.1	0.06	0.28	0.72
Summary	21.59	66.9	41.7	13.9	4.6	11.14	19.37	29.58

@ 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: 2721 ft. Lat: 40.674° N Lon: 100.494° W

Generated on 08/15/2016

Station: **CURTIS 3 NNE, NE US GHCND:USC00252100**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	6.6	2.5	1.8	0.5	0.3	0.2	9.1	4.9	2.7	0.9	1.2	5.3	12.0
2	4.1	2.7	2.0	0.7	0.2	0.0	7.9	4.0	1.9	-7777	2.0	3.5	6.5
3	5.9	2.6	2.2	0.6	0.2	0.0	4.0	2.0	0.7	0.1	4.0	6.0	7.0
4	2.2	1.0	0.9	0.3	0.1	0.0	0.8	0.3	0.1	0.0	0.0	0.0	5.0
5	0.0	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.3	-7777	-7777	-7777	-7777	0.0	0.1	-7777	-7777	0.0	0.0	0.0	0.0
10	0.8	0.4	0.3	0.1	-7777	0.0	0.4	0.1	0.1	0.0	0.0	0.0	0.0
11	3.3	1.7	1.3	0.3	0.1	0.0	2.5	0.9	0.4	0.0	0.5	2.3	5.5
12	5.4	2.3	1.7	0.7	0.3	0.0	7.3	3.7	1.6	0.2	2.5	5.0	8.7
Summary	28.6	13.2	10.2	3.2	1.2	0.2	32.1	15.9	7.5	1.2	10.2	22.1	44.7

@ 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: 2721 ft. Lat: 40.674° N Lon: 100.494° W

Generated on 08/15/2016

Station: **CURTIS 3 NNE, NE US GHCND:USC00252100**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	24	109	288	588	883	1091	1023	701	346	86	7
45	2	7	50	180	438	734	936	868	554	223	40	1
50	-7777	1	19	98	296	584	781	713	411	123	13	-7777
55	-7777	-7777	6	44	176	437	626	558	278	54	3	0
60	0	0	1	17	88	296	472	406	166	18	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	28	47	121	221	368	562	704	656	450	263	95	23

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	35	144	432	1020	1903	2994	4017	4718	5064	5150	5157
45	2	9	59	239	677	1411	2347	3215	3769	3992	4032	4033
50	0	1	20	118	414	998	1779	2492	2903	3026	3039	3039
55	0	0	6	50	226	663	1289	1847	2125	2179	2182	2182
60	0	0	1	18	106	402	874	1280	1446	1464	1464	1464
Growing Degree Units for Corn (Monthly)												
50/86	28	75	196	417	785	1347	2051	2707	3157	3420	3515	3538

**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: 3266 ft. Lat: 40.297° N Lon: 101.381° W

Generated on 08/15/2016

Station: **MAX 13 N, NE US GHCND:USC00255269**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.37	2.8	0.9	0.0	0.0	0.15	0.31	0.52
2	0.52	3.1	2.0	0.1	0.0	0.19	0.42	0.73
3	1.24	4.3	2.4	0.7	0.3	0.39	0.93	1.87
4	2.23	7.5	5.2	1.9	0.5	1.03	2.01	3.29
5	2.72	7.2	5.1	1.0	0.4	1.69	2.56	3.59
6	3.14	8.4	6.2	2.3	0.8	2.08	2.92	4.38
7	3.23	7.8	5.5	1.9	0.8	1.75	2.61	4.28
8	2.40	6.0	4.5	1.7	0.6	1.15	1.90	3.82
9	1.50	4.7	3.1	1.1	0.4	0.64	1.29	2.32
10	1.73	5.9	3.9	1.2	0.4	0.54	1.43	2.43
11	0.81	3.6	1.9	0.2	0.0	0.34	0.56	1.34
12	0.55	3.6	1.5	0.2	0.0	0.14	0.34	0.77
Summary	20.44	64.9	42.2	12.3	4.2	10.09	17.28	29.34

@ 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: 3266 ft. Lat: 40.297° N Lon: 101.381° W

Generated on 08/15/2016

Station: **MAX 13 N, NE US GHCND:USC00255269**

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	1.8	1.3	0.4	0.0	0.0	7.6	5.5	3.5	1.1	1.2	3.8	5.0
2	5.1	2.3	1.8	0.9	0.1	0.0	5.9	3.7	1.7	0.0	1.6	4.6	8.0
3	3.4	1.8	1.5	0.4	0.2	0.0	2.3	0.9	0.5	0.0	1.6	3.2	5.5
4	2.2	0.8	0.7	0.3	0.3	0.0	0.8	0.3	0.3	0.0	0.0	1.5	4.3
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
10	2.5	0.7	0.6	0.3	0.2	0.1	1.2	0.7	0.4	0.1	0.0	0.0	2.4
11	2.4	1.6	0.9	0.2	0.0	0.0	2.4	1.0	0.3	0.0	1.5	2.6	3.0
12	5.1	2.5	1.8	0.6	0.1	0.1	7.7	4.4	2.6	0.2	1.3	2.9	7.9
Summary	24.3	11.6	8.7	3.1	0.9	0.2	28.0	16.5	9.3	1.4	7.2	18.6	36.1

@ 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: 2952 ft. Lat: 41.106° N Lon: 100.978° W

Generated on 08/15/2016

Station: **HERSHEY 5 SSE, NE US GHCND:USC00253810**

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	14.2	26.1	6.3	4.4	5.2	-7777	0	0	0	0	0	896	958	1051	1206	0.0	0.0	6.0	9.7	30.6	3.8
2	42.4	17.1	29.8	7.0	4.9	5.6	-7777	-7777	0	0	0	0	707	763	847	987	0.0	0.0	9.2	6.7	26.9	2.6
3	51.5	24.1	37.8	4.3	3.6	3.7	3	1	-7777	-7777	0	0	537	597	689	843	0.0	0.0	17.7	3.3	25.6	0.6
4	61.8	32.6	47.2	4.4	2.7	3.2	36	25	13	3	-7777	-7777	270	319	397	537	0.0	0.3	23.8	0.5	14.5	0.0
5	71.6	44.0	57.8	3.7	2.4	2.7	156	119	73	24	4	2	69	94	141	247	-7777	0.9	30.3	0.0	1.9	0.0
6	81.3	53.9	67.6	4.3	2.7	3.2	384	327	245	129	52	33	6	9	17	51	0.4	5.1	29.9	0.0	-7777	0.0
7	88.1	60.0	74.1	3.4	2.0	2.5	590	529	436	287	155	111	-7777	-7777	1	7	2.1	13.2	31.0	0.0	0.0	0.0
8	86.7	58.1	72.4	3.7	2.4	2.9	540	478	387	243	120	82	1	1	3	13	0.9	11.5	31.0	0.0	0.0	0.0
9	78.4	47.7	63.0	3.8	2.9	3.0	270	222	158	75	26	15	29	41	67	133	0.1	4.1	29.5	0.0	0.8	0.0
10	65.4	35.8	50.6	4.3	2.4	2.9	62	42	21	5	-7777	-7777	198	240	313	451	0.0	0.4	27.1	0.4	9.4	0.0
11	50.5	24.1	37.3	5.8	3.2	4.2	4	2	-7777	-7777	0	0	535	593	681	831	0.0	0.0	16.2	3.5	24.6	0.4
12	39.0	14.4	26.7	6.6	5.1	5.7	-7777	0	0	0	0	0	877	939	1032	1187	0.0	0.0	6.9	8.8	30.8	3.2
Summary	62.9	35.5	49.2	4.8	3.2	3.7	2045	1745	1333	766	357	243	4125	4554	5239	6493	3.5	35.5	258.6	32.9	165.1	10.6

@ 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: 2952 ft. Lat: 41.106° N Lon: 100.978° W

Generated on 08/15/2016

Station: **HERSHEY 5 SSE, NE US GHCND:USC00253810**

Precipitation (in.)								
Month	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.37	3.0	1.1	0.2	0.0	0.12	0.17	0.39
2	0.38	3.8	1.1	0.1	0.0	0.10	0.22	0.61
3	0.95	5.5	2.3	0.6	0.2	0.22	0.64	1.50
4	2.08	7.3	4.2	1.4	0.4	1.15	2.01	2.74
5	3.23	10.0	6.4	1.8	0.6	2.22	2.89	4.50
6	3.76	8.9	6.2	2.3	0.7	2.12	3.82	4.70
7	2.89	8.1	5.5	2.1	0.7	1.68	3.05	3.72
8	2.20	6.1	3.9	1.7	0.6	1.22	1.84	2.80
9	1.52	5.6	3.3	0.9	0.2	0.84	1.42	2.53
10	1.66	5.7	3.2	1.0	0.3	0.51	1.29	2.35
11	0.56	3.4	1.4	0.4	-7777	0.17	0.42	0.84
12	0.29	3.0	0.8	0.1	0.0	0.03	0.17	0.35
Summary	19.89	70.4	39.4	12.6	3.7	10.38	17.94	27.03

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2952 ft. Lat: 41.106° N Lon: 100.978° W

Generated on 08/15/2016

Station: **HERSHEY 5 SSE, NE US GHCND:USC00253810**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.7	2.9	1.8	0.3	0.2	-7777	@	@	@	@	1.0	4.0	5.5
2	4.6	3.2	2.0	0.7	0.1	0.0	@	@	@	@	1.8	4.5	7.2
3	5.2	2.7	2.0	0.6	0.2	0.0	@	@	@	@	1.0	4.5	8.0
4	3.7	1.5	1.1	0.6	0.2	-7777	@	@	@	@	0.0	2.0	4.8
5	-7777	-7777	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.2	0.1	0.1	-7777	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	1.7	0.6	0.5	0.2	0.1	-7777	@	@	@	@	0.0	0.0	2.0
11	3.4	1.8	1.4	0.5	0.2	0.0	@	@	@	@	0.5	1.0	6.0
12	6.3	2.5	1.8	0.7	0.2	0.0	@	@	@	@	1.0	5.4	11.0
Summary	28.8	15.3	10.7	3.6	1.2	0.0	0.0	0.0	0.0	0.0	5.3	21.4	44.5

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

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2952 ft. Lat: 41.106° N Lon: 100.978° W

Generated on 08/15/2016

Station: **HERSHEY 5 SSE, NE US GHCND:USC00253810**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	29	101	257	552	828	1055	1004	692	354	95	12
45	2	9	45	156	403	678	900	849	545	233	46	2
50	-7777	2	15	82	267	530	745	694	403	132	17	-7777
55	-7777	-7777	3	36	156	384	590	540	270	62	4	-7777
60	0	0	-7777	13	73	245	436	387	158	21	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	21	42	105	200	344	517	679	643	436	253	93	24

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	41	142	399	951	1779	2834	3838	4530	4884	4979	4991
45	2	11	56	212	615	1293	2193	3042	3587	3820	3866	3868
50	0	2	17	99	366	896	1641	2335	2738	2870	2887	2887
55	0	0	3	39	195	579	1169	1709	1979	2041	2045	2045
60	0	0	0	13	86	331	767	1154	1312	1333	1333	1333
Growing Degree Units for Corn (Monthly)												
50/86	21	63	168	368	712	1229	1908	2551	2987	3240	3333	3357

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

**M** indicates the value is missing

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3540 ft. Lat: 40.530° N Lon: 101.969° W

Generated on 08/15/2016

Station: **LAMAR, NE US GHCND:USC00254604**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.42	2.2	1.1	0.2	0.0	0.08	0.36	0.60
2	0.33	2.1	1.1	0.1	0.0	0.14	0.24	0.50
3	1.03	3.4	2.2	0.5	0.2	0.37	0.80	1.39
4	1.67	4.5	3.8	1.2	0.3	0.82	1.56	2.15
5	2.81	7.7	5.8	1.8	0.9	1.79	2.47	4.08
6	2.69	6.4	5.2	1.4	0.5	1.67	2.51	3.23
7	3.00	6.5	5.6	2.2	0.7	2.01	2.85	3.56
8	2.41	5.3	4.2	1.4	0.8	1.19	1.90	3.65
9	1.13	4.0	2.9	0.6	0.2	0.52	1.02	1.42
10	1.30	3.0	2.6	0.9	0.4	0.70	1.16	1.89
11	0.56	1.9	1.3	0.3	0.0	0.16	0.36	0.86
12	0.39	1.7	0.9	0.1	0.0	0.01	0.24	0.57
Summary	17.74	48.7	36.7	10.7	4.0	9.46	15.47	23.90

@ 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: 3540 ft. Lat: 40.530° N Lon: 101.969° W

Generated on 08/15/2016

Station: **LAMAR, NE US GHCND:USC00254604**

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	1.6	0.6	0.4	0.0	10.8	5.8	3.7	0.4	0.5	4.5	9.0
2	2.9	1.7	1.2	0.3	-7777	0.0	5.5	2.9	0.8	0.0	0.0	3.0	4.5
3	4.6	1.9	1.6	0.5	0.1	-7777	3.3	0.9	0.1	0.0	0.0	3.5	4.5
4	1.4	0.8	0.6	0.4	0.0	0.0	1.2	0.7	0.3	0.0	0.0	0.0	3.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.4	0.1	0.1	-7777	-7777	0.0	0.1	-7777	-7777	0.0	0.0	0.0	0.0
10	1.0	0.4	0.3	0.2	-7777	0.0	0.5	0.2	0.1	0.0	0.0	0.0	0.5
11	3.8	1.5	1.3	0.4	0.2	0.0	2.6	1.4	0.8	0.1	0.5	2.5	4.8
12	3.5	1.7	1.5	0.5	0.1	-7777	7.5	5.0	2.8	0.2	0.0	2.5	5.5
Summary	23.4	10.5	8.2	2.9	0.8	0.0	31.5	16.9	8.6	0.7	1.0	16.0	31.8

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

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

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

## Summary of Monthly Normals 1981-2010

Elev: 3078 ft. Lat: 40.418° N Lon: 101.515° W

Generated on 08/15/2016

Station: **ENDERS LAKE, NE US GHCND:USC00252741**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.9	11.9	25.9	5.8	4.1	4.7	0	0	0	0	0	0	902	964	1057	1212	0.0	0.0	7.8	8.7	30.8	4.7
2	44.2	15.3	29.8	6.7	5.1	5.4	-7777	-7777	0	0	0	0	707	763	847	987	0.0	0.0	10.3	5.5	27.5	3.2
3	52.9	23.0	38.0	4.7	3.1	3.5	3	1	-7777	-7777	0	0	532	592	684	839	0.0	0.0	18.2	2.7	26.8	0.6
4	63.3	32.4	47.8	4.8	2.7	3.3	38	26	14	3	-7777	-7777	253	300	378	517	0.0	0.4	24.7	0.3	14.3	0.0
5	73.1	43.8	58.4	4.1	2.5	3.0	168	130	83	29	6	3	61	85	131	232	0.1	1.6	30.2	0.0	2.2	0.0
6	83.3	53.8	68.5	3.9	2.6	3.0	410	353	270	152	65	42	4	6	14	46	0.8	7.4	29.9	0.0	0.0	0.0
7	89.9	59.4	74.7	4.0	2.3	2.9	609	548	456	306	172	126	-7777	1	2	7	3.7	16.4	31.0	0.0	0.0	0.0
8	88.6	57.2	72.9	4.6	2.8	3.2	555	494	403	257	131	91	1	1	3	13	2.5	14.4	31.0	0.0	0.0	0.0
9	79.9	47.1	63.5	3.7	2.6	2.9	285	238	174	88	33	20	30	43	69	133	0.4	6.0	29.6	0.0	1.4	0.0
10	66.0	33.0	49.5	3.7	2.8	2.6	44	28	13	3	-7777	-7777	214	260	339	483	0.0	0.5	27.3	0.4	14.3	0.0
11	51.4	22.4	36.9	5.5	3.1	4.0	2	1	-7777	0	0	0	545	604	693	843	0.0	0.0	16.8	2.2	26.1	0.2
12	40.1	12.2	26.1	5.8	4.6	5.0	0	0	0	0	0	0	894	956	1049	1204	0.0	0.0	8.4	8.2	30.7	3.8
Summary	64.4	34.3	49.3	4.8	3.2	3.6	2114	1819	1413	838	407	282	4143	4575	5266	6516	7.5	46.7	265.2	28.0	174.1	12.5

@ 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: 3078 ft. Lat: 40.418° N Lon: 101.515° W

Generated on 08/15/2016

Station: **ENDERS LAKE, NE US GHCND:USC00252741**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.41	2.8	1.0	0.2	-7777	0.15	0.30	0.48
2	0.45	3.4	1.2	0.1	-7777	0.10	0.40	0.67
3	1.08	5.3	2.6	0.6	0.2	0.56	0.74	1.57
4	2.19	6.8	3.8	1.5	0.5	1.14	2.28	2.79
5	2.95	10.1	6.1	2.0	0.7	1.56	2.93	4.27
6	2.94	9.4	6.0	2.0	0.7	1.78	2.87	3.62
7	2.86	8.8	5.9	2.1	1.0	1.69	2.88	3.49
8	2.54	7.1	4.2	1.6	0.9	1.39	2.31	3.56
9	1.30	5.4	2.5	0.4	0.2	0.71	1.19	1.66
10	1.60	5.2	3.0	1.0	0.3	0.76	1.48	2.08
11	0.54	2.9	1.8	0.3	-7777	0.00	0.34	0.99
12	0.46	2.4	1.1	0.2	0.0	0.08	0.18	0.61
Summary	19.32	69.6	39.2	12.0	4.5	9.92	17.90	25.79

@ 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: 3078 ft. Lat: 40.418° N Lon: 101.515° W

Generated on 08/15/2016

Station: **ENDERS LAKE, NE US GHCND:USC00252741**

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	2.2	1.8	0.6	0.2	0.1	@	@	@	@	0.5	6.2	9.0
2	3.7	2.0	1.3	0.3	0.2	-7777	@	@	@	@	1.0	4.0	5.5
3	4.9	1.6	1.2	0.5	0.1	0.0	@	@	@	@	0.8	3.3	8.5
4	2.0	0.7	0.7	0.2	0.0	0.0	@	@	@	@	0.0	0.0	2.5
5	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.3	0.2	0.2	0.1	-7777	0.0	@	@	@	@	0.0	0.0	0.0
11	2.2	1.0	0.9	0.5	0.1	0.0	@	@	@	@	0.0	0.0	4.5
12	4.8	2.0	1.3	0.5	0.1	0.0	@	@	@	@	0.1	3.4	6.8
Summary	24.1	9.7	7.4	2.7	0.7	0.1	0.0	0.0	0.0	0.0	2.4	16.9	36.8

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

## Summary of Monthly Normals 1981-2010

Elev: 3078 ft. Lat: 40.418° N Lon: 101.515° W

Generated on 08/15/2016

Station: **ENDERS LAKE, NE US GHCND:USC00252741**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	22	96	272	573	857	1074	1020	706	321	81	8
45	1	5	42	167	424	707	919	865	560	202	37	1
50	-7777	1	14	88	286	558	764	710	417	107	11	-7777
55	0	-7777	3	38	168	410	609	555	285	44	2	0
60	0	0	-7777	14	83	270	456	403	174	13	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	28	47	117	218	364	537	676	640	449	260	97	27

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	30	126	398	971	1828	2902	3922	4628	4949	5030	5038
45	1	6	48	215	639	1346	2265	3130	3690	3892	3929	3930
50	0	1	15	103	389	947	1711	2421	2838	2945	2956	2956
55	0	0	3	41	209	619	1228	1783	2068	2112	2114	2114
60	0	0	0	14	97	367	823	1226	1400	1413	1413	1413
Growing Degree Units for Corn (Monthly)												
50/86	28	75	192	410	774	1311	1987	2627	3076	3336	3433	3460

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

**M** indicates the value is missing

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

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

## Summary of Monthly Normals 1981-2010

Elev: 3280 ft. Lat: 40.521° N Lon: 101.655° W

Generated on 08/15/2016

Station: **IMPERIAL, NE US GHCND:USC00254110**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.4	12.0	25.7	5.7	4.2	4.7	0	0	0	0	0	0	908	970	1063	1218	0.0	0.0	6.7	8.4	30.9	4.3
2	43.6	14.9	29.2	6.4	4.7	5.2	-7777	-7777	0	0	0	0	721	777	861	1001	0.0	0.0	9.8	6.0	27.5	2.9
3	52.6	22.3	37.5	4.0	2.8	3.1	2	1	-7777	0	0	0	546	607	699	854	0.0	0.0	18.5	3.0	26.9	0.6
4	62.3	31.7	47.0	4.4	2.5	3.2	33	22	11	2	-7777	-7777	273	322	401	542	0.0	0.1	24.5	0.5	15.8	0.0
5	72.1	44.4	58.3	3.8	2.4	2.9	166	129	81	28	5	2	65	90	135	238	0.0	0.9	30.1	0.0	1.9	0.0
6	82.1	54.3	68.2	3.5	2.5	2.8	401	343	262	143	60	38	5	7	16	48	0.3	5.7	29.9	0.0	0.0	0.0
7	88.9	60.1	74.5	2.7	1.7	2.1	604	542	450	298	160	114	-7777	-7777	-7777	4	1.4	14.1	31.0	0.0	0.0	0.0
8	86.5	57.8	72.1	3.2	2.0	2.5	532	471	379	233	110	72	-7777	1	3	12	0.6	11.1	31.0	0.0	0.0	0.0
9	78.2	47.0	62.6	3.3	2.2	2.6	259	213	150	68	21	10	31	45	72	140	-7777	3.7	29.6	0.0	1.1	0.0
10	65.3	33.6	49.4	3.7	1.9	2.5	45	29	14	2	-7777	-7777	217	263	341	484	0.0	0.3	27.2	0.4	12.7	0.0
11	50.1	21.5	35.8	5.7	3.2	4.2	1	-7777	-7777	0	0	0	577	636	726	876	0.0	0.0	15.0	3.1	27.1	0.4
12	39.4	12.3	25.9	5.6	4.4	4.8	0	0	0	0	0	0	903	965	1059	1213	0.0	0.0	6.9	7.9	30.9	3.9
Summary	63.4	34.3	48.9	4.3	2.9	3.4	2043	1750	1347	774	356	236	4246	4683	5376	6630	2.3	35.9	260.2	29.3	174.8	12.1

@ 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: 3280 ft. Lat: 40.521° N Lon: 101.655° W

Generated on 08/15/2016

Station: **IMPERIAL, NE US GHCND:USC00254110**

Precipitation (in.)								
Month	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.46	3.2	1.4	0.2	0.0	0.16	0.32	0.56
2	0.52	3.7	1.5	0.2	0.0	0.18	0.41	0.69
3	1.28	5.5	2.9	0.7	0.2	0.56	0.77	1.97
4	2.04	6.8	4.0	1.4	0.3	1.36	1.87	2.68
5	3.04	9.2	6.1	1.9	0.9	1.59	2.92	3.96
6	3.32	9.2	6.1	2.2	0.7	2.09	2.95	4.58
7	2.76	7.5	5.3	1.8	0.6	1.85	2.43	3.48
8	2.63	7.1	4.6	1.7	0.8	1.37	2.34	3.57
9	1.41	4.8	3.0	0.9	0.3	0.54	1.30	2.19
10	1.57	5.3	3.3	1.0	0.2	0.49	1.51	2.43
11	0.69	3.6	1.9	0.3	-7777	0.24	0.52	1.10
12	0.50	3.1	1.5	0.1	0.0	0.12	0.31	0.77
Summary	20.22	69.0	41.6	12.4	4.0	10.55	17.65	27.98

@ 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: 3280 ft. Lat: 40.521° N Lon: 101.655° W

Generated on 08/15/2016

Station: **IMPERIAL, NE US GHCND:USC00254110**

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	3.0	2.2	0.5	0.2	0.0	11.6	6.4	4.5	0.7	1.5	4.0	7.0
2	4.1	2.9	1.8	0.5	0.1	0.0	7.9	4.7	1.7	0.6	1.5	2.5	6.5
3	6.2	3.0	2.3	0.8	0.3	-7777	4.2	1.9	0.6	0.1	3.7	5.2	7.4
4	3.4	1.4	1.2	0.5	0.1	0.0	1.1	0.5	0.1	0.0	0.0	2.0	5.5
5	0.1	-7777	-7777	-7777	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.3	0.1	0.1	-7777	-7777	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
10	1.7	0.6	0.5	0.3	0.2	0.0	0.9	0.5	0.2	0.0	0.0	0.0	0.5
11	4.5	2.1	1.9	0.5	0.1	0.1	4.3	1.2	0.4	0.2	1.5	3.2	5.0
12	4.6	2.6	2.0	0.6	0.2	0.0	9.1	5.9	2.9	0.4	1.0	3.5	7.0
Summary	29.8	15.7	12.0	3.7	1.2	0.1	39.2	21.1	10.4	2.0	9.2	20.4	38.9

@ 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: 3280 ft. Lat: 40.521° N Lon: 101.655° W

Generated on 08/15/2016

Station: **IMPERIAL, NE US GHCND:USC00254110**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	21	92	253	567	846	1069	996	679	321	70	6
45	1	5	39	152	417	696	914	841	532	202	29	1
50	-7777	1	12	77	279	547	759	687	389	106	8	-7777
55	0	-7777	2	33	166	401	604	532	259	45	1	0
60	0	0	-7777	11	81	262	450	379	150	14	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	23	43	113	206	354	532	688	639	434	251	85	22

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	28	120	373	940	1786	2855	3851	4530	4851	4921	4927
45	1	6	45	197	614	1310	2224	3065	3597	3799	3828	3829
50	0	1	13	90	369	916	1675	2362	2751	2857	2865	2865
55	0	0	2	35	201	602	1206	1738	1997	2042	2043	2043
60	0	0	0	11	92	354	804	1183	1333	1347	1347	1347
Growing Degree Units for Corn (Monthly)												
50/86	23	66	179	385	739	1271	1959	2598	3032	3283	3368	3390

**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: 2941 ft. Lat: 40.412° N Lon: 101.361° W

Generated on 08/15/2016

Station: **WAUNETA, NE US GHCND:USC00259020**

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	41.5	14.7	28.1				-7777	0	0	0	0	0	834	896	989	1144	0.0	0.0	10.7	8.7	30.4	3.5
2	44.8	17.5	31.2				-7777	-7777	-7777	0	0	0	668	723	807	947	0.0	0.0	9.7	4.8	27.6	1.7
3	53.8	24.5	39.2				7	3	1	0	0	0	498	557	647	801	0.0	0.0	20.1	1.8	25.1	0.5
4	62.5	34.1	48.3				38	25	11	2	-7777	-7777	239	286	362	502	0.0	0.1	24.9	0.1	12.3	0.0
5	72.4	46.3	59.4				188	147	97	41	12	6	53	75	117	217	0.0	1.2	30.4	0.0	1.1	0.0
6	82.8	56.3	69.6				440	383	300	175	80	55	3	6	14	39	0.4	6.9	30.0	0.0	0.0	0.0
7	89.7	61.7	75.7				641	579	487	335	190	140	-7777	-7777	1	3	1.8	15.4	31.0	0.0	0.0	0.0
8	87.4	59.6	73.5				573	512	420	272	140	97	-7777	-7777	2	9	1.0	12.7	31.0	0.0	0.0	0.0
9	79.2	48.9	64.1				290	240	173	87	34	22	19	29	52	116	0.3	4.2	29.9	0.0	0.3	0.0
10	65.8	34.9	50.4				60	42	21	4	-7777	-7777	204	247	320	458	0.0	0.1	27.2	0.4	10.1	0.0
11	51.8	24.7	38.3				3	1	-7777	-7777	0	0	505	563	653	803	0.0	0.0	17.0	1.6	24.5	0.0
12	40.8	15.4	28.1				0	0	0	0	0	0	833	895	988	1143	0.0	0.0	7.6	7.2	30.7	3.0
Summary	64.4	36.6	50.5				2240	1932	1510	916	456	320	3856	4277	4952	6182	3.5	40.6	269.5	24.6	162.1	8.7

@ 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: 2941 ft. Lat: 40.412° N Lon: 101.361° W

Generated on 08/15/2016

Station: **WAUNETA, NE US GHCND:USC00259020**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.41	2.8	1.1	0.2	-7777	0.12	0.27	0.54
2	0.46	3.7	1.6	0.1	0.0	0.13	0.34	0.77
3	1.14	5.9	3.0	0.6	0.2	0.56	0.78	1.79
4	1.87	6.7	3.9	1.2	0.4	0.91	1.53	2.83
5	3.05	10.3	6.2	1.9	0.6	1.52	2.76	3.77
6	3.25	8.7	5.9	2.4	0.7	2.00	3.30	4.23
7	2.68	7.6	5.1	1.8	0.8	1.84	2.54	3.37
8	2.43	6.8	4.5	1.5	0.7	1.13	2.02	3.36
9	1.30	5.3	3.2	0.8	0.3	0.57	1.12	1.94
10	1.51	5.1	3.2	0.8	0.1	0.52	1.40	1.67
11	0.69	3.7	1.9	0.4	-7777	0.20	0.53	0.95
12	0.43	2.9	1.1	0.3	-7777	0.09	0.24	0.64
Summary	19.22	69.5	40.7	12.0	3.8	9.59	16.83	25.86

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2941 ft. Lat: 40.412° N Lon: 101.361° W

Generated on 08/15/2016

Station: **WAUNETA, NE US GHCND:USC00259020**

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	1.9	1.7	0.7	0.3	0.1	7.6	4.8	2.8	0.9	0.8	4.0	6.7
2	5.0	2.2	1.7	0.7	0.1	0.0	5.1	2.9	1.4	-7777	1.0	3.8	8.8
3	5.3	1.5	1.3	0.8	0.3	0.0	2.1	1.3	0.6	0.0	1.0	3.1	8.2
4	1.4	0.4	0.4	0.2	0.1	-7777	0.5	0.3	0.2	0.0	0.0	0.0	1.0
5	-7777	-7777	-7777	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.4	0.1	0.1	0.1	0.1	0.0	0.1	-7777	-7777	0.0	0.0	0.0	0.0
10	0.8	0.2	0.2	0.1	0.1	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0
11	3.4	1.0	0.9	0.6	0.4	0.0	1.7	0.9	0.6	0.1	1.0	1.8	5.5
12	4.8	2.1	1.6	0.6	0.3	0.0	6.5	4.9	3.4	1.1	0.1	3.5	7.3
Summary	26.3	9.4	7.9	3.8	1.7	0.1	23.8	15.3	9.2	2.1	3.9	16.2	37.5

@ 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: 2941 ft. Lat: 40.412° N Lon: 101.361° W

Generated on 08/15/2016

Station: **WAUNETA, NE US GHCND:USC00259020**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	17	25	114	282	601	886	1106	1038	721	348	91	16
45	4	7	57	175	452	736	951	883	573	227	44	4
50	-7777	2	23	94	311	587	796	728	428	130	14	1
55	-7777	-7777	7	38	188	440	641	573	290	60	3	0
60	0	-7777	1	11	97	300	487	420	173	21	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	39	42	121	206	362	559	718	669	457	261	92	27

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	17	42	156	438	1039	1925	3031	4069	4790	5138	5229	5245
45	4	11	68	243	695	1431	2382	3265	3838	4065	4109	4113
50	0	2	25	119	430	1017	1813	2541	2969	3099	3113	3114
55	0	0	7	45	233	673	1314	1887	2177	2237	2240	2240
60	0	0	1	12	109	409	896	1316	1489	1510	1510	1510
Growing Degree Units for Corn (Monthly)												
50/86	39	81	202	408	770	1329	2047	2716	3173	3434	3526	3553

**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: 2826 ft. Lat: 40.696° N Lon: 100.400° W

Generated on 08/15/2016

Station: **MOOREFIELD, NE US GHCND:USC00255655**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	38.4	13.4	25.9				0	0	0	0	0	0	902	964	1057	1212	0.0	0.0	7.6	11.1	30.4	3.2
2	42.0	16.4	29.2				-7777	-7777	0	0	0	0	722	778	862	1002	0.0	0.0	7.7	6.4	27.5	1.9
3	51.4	24.3	37.9				5	3	-7777	-7777	0	0	536	596	687	842	0.0	0.0	18.5	2.6	25.4	0.3
4	61.6	33.6	47.6				31	18	6	1	-7777	-7777	253	299	378	523	0.0	0.0	23.8	0.3	12.5	0.0
5	72.0	45.3	58.7				171	132	85	33	8	4	58	81	127	230	0.0	0.9	30.7	0.0	0.6	0.0
6	81.7	55.9	68.8				417	360	277	160	70	44	3	6	13	46	0.5	6.0	30.0	0.0	0.0	0.0
7	87.8	62.1	75.0				618	556	463	312	168	120	-7777	-7777	-7777	4	0.9	11.9	31.0	0.0	0.0	0.0
8	85.9	60.1	73.0				558	496	403	254	128	89	-7777	-7777	-7777	6	0.6	10.5	31.0	0.0	0.0	0.0
9	77.9	48.9	63.4				271	222	153	65	19	10	19	30	51	113	0.0	1.9	30.0	0.0	0.2	0.0
10	64.7	36.7	50.7				54	38	19	4	1	-7777	188	233	307	448	0.0	0.4	28.0	0.4	7.5	0.0
11	50.1	25.3	37.7				3	2	1	-7777	0	0	522	580	669	819	0.0	0.0	13.8	2.7	23.8	0.2
12	39.3	14.9	27.1				0	0	0	0	0	0	864	926	1019	1174	0.0	0.0	6.8	7.6	30.9	2.0
Summary	62.7	36.4	49.6				2128	1827	1407	829	394	267	4067	4493	5170	6419	2.0	31.6	258.9	31.1	158.8	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  
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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2826 ft. Lat: 40.696° N Lon: 100.400° W

Generated on 08/15/2016

Station: **MOOREFIELD, NE US GHCND:USC00255655**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.34	3.2	1.1	0.1	0.0	0.13	0.24	0.50
2	0.54	4.0	1.8	-7777	-7777	0.16	0.40	0.72
3	1.19	5.6	3.0	0.6	0.3	0.49	0.90	1.94
4	2.22	7.3	4.7	1.3	0.5	1.07	1.81	3.25
5	3.53	10.1	6.5	2.2	0.8	2.01	3.30	4.56
6	3.58	9.3	6.5	2.4	0.8	2.57	3.26	4.61
7	3.55	7.7	5.4	2.1	0.7	1.41	2.92	4.70
8	2.70	6.7	4.2	2.0	0.8	1.51	2.66	3.63
9	1.89	5.0	3.4	1.2	0.5	0.89	1.60	2.79
10	1.88	5.6	3.5	1.1	0.3	0.74	1.72	2.16
11	0.71	4.5	1.9	0.5	0.0	0.23	0.56	1.37
12	0.54	3.4	1.2	0.2	0.1	0.08	0.23	0.75
Summary	22.67	72.4	43.2	13.7	4.8	11.29	19.60	30.98

@ 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: 2826 ft. Lat: 40.696° N Lon: 100.400° W

Generated on 08/15/2016

Station: **MOOREFIELD, NE US GHCND:USC00255655**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.7	2.3	1.9	0.6	0.2	0.0	@	@	@	@	0.6	3.0	7.0
2	4.9	2.6	2.1	0.8	0.2	0.0	@	@	@	@	1.9	4.0	7.0
3	3.9	1.9	1.7	0.5	0.1	-7777	@	@	@	@	0.1	3.3	5.9
4	3.2	0.9	0.8	0.4	0.2	-7777	@	@	@	@	0.0	1.0	4.5
5	-7777	-7777	-7777	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
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	0.3	0.1	0.1	-7777	-7777	0.0	@	@	@	@	0.0	0.0	0.0
10	0.9	0.4	0.4	0.2	0.1	0.0	@	@	@	@	0.0	0.0	0.0
11	3.5	1.7	1.5	0.5	0.3	0.1	@	@	@	@	0.0	3.2	5.0
12	5.5	2.3	1.9	0.6	0.2	0.1	@	@	@	@	1.0	3.5	7.0
Summary	25.9	12.2	10.4	3.6	1.3	0.2	0.0	0.0	0.0	0.0	3.6	18.0	36.4

@ 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: 2826 ft. Lat: 40.696° N Lon: 100.400° W

Generated on 08/15/2016

Station: **MOOREFIELD, NE US GHCND:USC00255655**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	19	97	268	579	864	1083	1023	702	348	86	8
45	3	6	46	164	428	714	928	867	553	222	39	1
50	1	2	18	85	289	564	773	713	407	120	13	-7777
55	0	-7777	5	31	171	417	618	558	271	54	3	0
60	0	0	-7777	6	85	277	463	403	153	19	1	0
Growing Degree Units for Corn (Monthly)												
50/86	26	33	96	196	352	544	715	667	442	239	76	17

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	33	130	398	977	1841	2924	3947	4649	4997	5083	5091
45	3	9	55	219	647	1361	2289	3156	3709	3931	3970	3971
50	1	3	21	106	395	959	1732	2445	2852	2972	2985	2985
55	0	0	5	36	207	624	1242	1800	2071	2125	2128	2128
60	0	0	0	6	91	368	831	1234	1387	1406	1407	1407
Growing Degree Units for Corn (Monthly)												
50/86	26	59	155	351	703	1247	1962	2629	3071	3310	3386	3403

**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: 3275 ft. Lat: 40.014° N Lon: 101.941° W

Generated on 08/15/2016

Station: **HAIGLER, NE US GHCND:USC00253515**

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	42.5	14.3	28.4	5.3	4.0	4.4	-7777	0	0	0	0	0	825	887	980	1135	0.0	0.0	10.3	7.5	30.9	2.6
2	46.0	17.2	31.6	6.1	4.2	4.8	-7777	0	0	0	0	0	655	711	795	935	0.0	0.0	11.4	4.2	27.7	1.2
3	55.2	24.5	39.8	4.2	3.1	3.2	6	4	1	0	0	0	476	535	626	780	0.0	0.0	19.9	1.4	26.0	0.2
4	63.8	32.8	48.3	4.6	2.9	3.4	33	20	9	1	-7777	-7777	234	281	359	502	0.0	0.1	26.1	0.3	13.6	0.0
5	73.3	44.8	59.0	3.9	2.2	2.8	183	144	95	38	10	5	58	80	124	222	0.0	1.5	30.4	0.0	1.9	0.0
6	84.0	55.6	69.8	4.2	2.4	3.1	449	392	308	182	84	55	5	8	14	38	0.5	8.3	29.8	0.0	0.0	0.0
7	90.8	60.5	75.6	2.9	2.1	2.3	640	578	486	334	191	140	-7777	-7777	1	4	3.1	18.2	31.0	0.0	0.0	0.0
8	88.3	59.1	73.7	3.3	2.3	2.7	580	518	426	279	146	103	-7777	-7777	2	9	1.3	14.4	31.0	0.0	0.0	0.0
9	80.1	47.8	64.0	3.4	2.3	2.6	291	241	175	87	31	18	22	33	57	119	0.1	5.0	29.8	0.0	0.7	0.0
10	66.9	34.5	50.7	3.5	1.8	2.3	60	41	21	5	1	1	193	236	309	448	0.0	0.7	27.9	0.2	11.4	0.0
11	52.9	22.9	37.9	5.0	2.9	3.7	2	1	-7777	0	0	0	515	574	663	813	0.0	0.0	16.8	2.2	26.7	0.5
12	42.7	14.8	28.7	5.3	4.5	4.7	-7777	0	0	0	0	0	813	875	968	1123	0.0	0.0	9.1	6.7	30.9	2.2
Summary	65.5	35.7	50.6	4.3	2.9	3.3	2244	1939	1521	926	463	322	3796	4220	4898	6128	5.0	48.2	273.5	22.5	169.8	6.7

@ 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: 3275 ft. Lat: 40.014° N Lon: 101.941° W

Generated on 08/15/2016

Station: **HAIGLER, NE US GHCND:USC00253515**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.41	3.1	1.1	0.2	0.1	0.10	0.28	0.64
2	0.46	4.1	1.4	0.1	0.0	0.17	0.31	0.71
3	1.05	5.6	2.9	0.6	0.2	0.40	0.96	1.36
4	2.04	6.9	4.4	1.2	0.3	1.24	1.69	2.66
5	2.85	9.7	6.0	1.6	0.6	1.29	2.62	4.24
6	2.67	9.3	5.7	1.7	0.8	1.42	2.71	3.82
7	2.90	9.0	5.9	1.9	0.7	1.64	2.80	4.17
8	2.48	7.3	4.6	1.7	0.7	1.18	2.04	3.50
9	1.39	5.7	3.4	0.8	0.2	0.73	1.32	2.06
10	1.33	5.7	3.1	0.7	0.3	0.23	1.37	1.94
11	0.62	3.9	2.1	0.2	-7777	0.30	0.37	1.05
12	0.45	3.5	1.4	0.3	-7777	0.11	0.27	0.61
Summary	18.65	73.8	42.0	11.0	3.9	8.81	16.74	26.76

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3275 ft. Lat: 40.014° N Lon: 101.941° W

Generated on 08/15/2016

Station: **HAIGLER, NE US GHCND:USC00253515**

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	2.2	1.6	0.5	0.2	-7777	10.0	5.5	3.1	1.3	1.3	4.1	7.7
2	3.6	2.2	1.2	0.4	-7777	0.0	7.4	3.9	2.1	0.0	1.0	3.0	5.7
3	4.1	1.8	0.9	0.3	-7777	-7777	2.7	1.2	0.7	0.2	0.7	3.2	4.8
4	0.9	0.5	0.3	-7777	0.0	0.0	1.4	0.7	0.4	0.2	0.0	0.0	1.6
5	-7777	-7777	0.0	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.1	0.1	-7777	-7777	0.0	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0
10	1.2	0.4	0.3	0.1	0.1	-7777	0.7	0.3	0.2	0.1	0.0	0.0	0.0
11	2.4	1.1	0.6	0.1	0.1	0.0	2.3	0.6	0.3	0.1	0.3	1.6	2.9
12	5.1	2.7	1.4	0.4	0.2	0.1	6.4	3.3	1.8	0.4	1.0	2.0	5.6
Summary	22.7	11.0	6.3	1.8	0.6	0.1	31.1	15.6	8.7	2.3	4.3	13.9	28.3

@ 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: 3275 ft. Lat: 40.014° N Lon: 101.941° W

Generated on 08/15/2016

Station: **HAIGLER, NE US GHCND:USC00253515**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	22	120	278	592	894	1105	1044	719	353	91	15
45	1	7	58	169	442	744	950	889	571	230	40	3
50	-7777	1	21	84	301	595	795	734	426	130	11	1
55	-7777	-7777	6	33	183	449	640	580	291	60	2	-7777
60	0	0	1	9	95	308	486	426	175	21	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	38	48	135	222	373	564	699	665	459	272	110	37

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	34	154	432	1024	1918	3023	4067	4786	5139	5230	5245
45	1	8	66	235	677	1421	2371	3260	3831	4061	4101	4104
50	0	1	22	106	407	1002	1797	2531	2957	3087	3098	3099
55	0	0	6	39	222	671	1311	1891	2182	2242	2244	2244
60	0	0	1	10	105	413	899	1325	1500	1521	1521	1521
Growing Degree Units for Corn (Monthly)												
50/86	38	86	221	443	816	1380	2079	2744	3203	3475	3585	3622

**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: 3100 ft. Lat: 40.843° N Lon: 101.209° W

Generated on 08/15/2016

Station: **WALLACE 2 W, NE US GHCND:USC00258920**

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	38.5	12.2	25.4	6.0	4.2	4.8	0	0	0	0	0	0	919	981	1074	1229	0.0	0.0	6.2	9.3	30.9	4.5
2	42.7	15.0	28.9	6.6	4.6	5.3	-7777	-7777	0	0	0	0	732	788	872	1012	0.0	0.0	9.5	6.6	27.4	3.1
3	51.6	22.5	37.0	4.0	3.2	3.4	3	1	-7777	0	0	0	559	620	712	866	0.0	0.0	17.9	3.2	27.0	0.8
4	61.7	31.6	46.7	4.5	2.5	3.1	30	20	10	2	-7777	-7777	280	330	410	552	0.0	0.2	23.9	0.4	15.7	0.0
5	72.1	44.4	58.3	3.6	2.4	2.7	165	127	81	29	6	3	64	89	136	238	-7777	1.1	30.3	0.0	1.8	0.0
6	82.3	54.5	68.4	3.9	2.3	2.9	407	349	267	149	63	41	5	7	15	47	0.8	6.3	29.9	0.0	0.0	0.0
7	89.4	60.1	74.8	2.8	1.7	2.0	612	550	458	307	169	122	-7777	-7777	1	5	2.7	14.6	31.0	0.0	0.0	0.0
8	87.0	57.6	72.3	3.6	2.2	2.7	537	476	385	239	117	79	1	1	3	13	1.2	11.3	31.0	0.0	0.0	0.0
9	78.3	46.5	62.4	3.8	2.4	2.7	255	209	148	68	21	11	33	47	76	146	0.1	4.1	29.5	0.0	1.3	0.0
10	65.2	33.6	49.4	4.0	2.3	2.7	46	31	15	3	-7777	-7777	220	267	344	487	0.0	0.3	26.9	0.4	12.7	0.0
11	49.9	21.8	35.9	6.1	3.5	4.5	2	1	-7777	0	0	0	577	635	725	874	0.0	0.0	15.1	3.5	26.7	0.5
12	39.0	12.2	25.6	6.5	4.8	5.5	0	0	0	0	0	0	911	973	1066	1221	0.0	0.0	6.9	9.2	30.9	3.9
Summary	63.1	34.3	48.8	4.6	3.0	3.5	2057	1764	1364	797	376	256	4301	4738	5434	6690	4.8	37.9	258.1	32.6	174.4	12.8

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3100 ft. Lat: 40.843° N Lon: 101.209° W

Generated on 08/15/2016

Station: **WALLACE 2 W, NE US GHCND:USC00258920**

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	0.28	2.8	0.7	0.1	0.0	0.08	0.19	0.41
2	0.46	3.8	1.2	0.2	-7777	0.15	0.31	0.73
3	1.01	5.7	3.1	0.5	0.1	0.41	0.94	1.48
4	2.05	7.0	4.6	1.2	0.3	1.35	1.78	2.63
5	3.25	10.4	6.9	2.3	0.7	1.75	3.19	4.54
6	3.75	10.0	7.0	2.3	0.8	2.17	4.11	5.29
7	3.08	8.0	5.5	2.0	1.0	1.89	2.66	3.94
8	2.56	6.7	4.4	1.6	0.7	1.06	1.60	3.89
9	1.60	5.7	3.6	1.0	0.3	0.69	1.37	2.36
10	1.59	5.7	3.7	1.1	0.3	0.59	1.40	2.28
11	0.64	3.5	1.5	0.2	-7777	0.17	0.50	1.00
12	0.40	3.1	1.0	0.1	0.0	0.09	0.30	0.46
Summary	20.67	72.4	43.2	12.6	4.2	10.40	18.35	29.01

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

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3100 ft. Lat: 40.843° N Lon: 101.209° W

Generated on 08/15/2016

Station: **WALLACE 2 W, NE US GHCND:USC00258920**

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	3.3	2.4	1.4	0.3	0.2	0.0	12.2	6.0	2.7	0.0	1.0	2.4	4.3
2	4.2	2.9	2.1	0.4	0.1	0.0	8.8	3.2	1.7	0.5	1.5	2.4	6.5
3	4.2	2.6	2.1	0.4	0.1	0.0	5.1	2.3	0.9	0.0	2.5	3.8	6.1
4	2.5	1.1	1.0	0.3	0.1	0.0	1.6	0.6	0.2	0.0	0.0	1.0	4.5
5	0.1	0.1	-7777	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	-7777	-7777	0.0	0.0	0.0	0.0
10	1.4	0.6	0.5	0.2	0.1	-7777	1.0	0.5	0.3	-7777	0.0	0.0	1.9
11	3.6	2.2	1.5	0.3	0.2	0.0	4.9	1.4	0.5	0.1	1.0	2.3	4.8
12	3.6	2.5	1.7	0.4	0.1	0.0	10.9	5.1	2.1	0.2	0.5	3.0	6.0
Summary	23.1	14.5	10.4	2.3	0.9	0.0	44.7	19.1	8.4	0.8	6.5	14.9	34.1

@ 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: 3100 ft. Lat: 40.843° N Lon: 101.209° W

Generated on 08/15/2016

Station: **WALLACE 2 W, NE US GHCND:USC00258920**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	22	88	243	567	852	1077	1001	673	322	75	7
45	1	6	37	144	417	702	922	846	526	203	34	1
50	-7777	1	12	72	279	553	767	691	385	109	11	-7777
55	0	-7777	3	30	165	407	612	537	255	46	2	0
60	0	0	-7777	10	81	267	458	385	148	15	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	22	42	104	199	353	533	688	638	430	250	88	24

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	31	119	362	929	1781	2858	3859	4532	4854	4929	4936
45	1	7	44	188	605	1307	2229	3075	3601	3804	3838	3839
50	0	1	13	85	364	917	1684	2375	2760	2869	2880	2880
55	0	0	3	33	198	605	1217	1754	2009	2055	2057	2057
60	0	0	0	10	91	358	816	1201	1349	1364	1364	1364
Growing Degree Units for Corn (Monthly)												
50/86	22	64	168	367	720	1253	1941	2579	3009	3259	3347	3371

**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: 3318 ft. Lat: 41.210° N Lon: 101.670° W

Generated on 08/15/2016

Station: **KINGSLEY DAM, NE US GHCND:USC00254455**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	36.9	15.5	26.2	5.5	4.5	4.8	0	0	0	0	0	0	893	955	1048	1203	0.0	0.0	4.3	9.3	30.6	2.7
2	41.6	17.5	29.6	6.0	5.5	5.5	-7777	0	0	0	0	0	712	768	852	992	0.0	0.0	8.0	6.6	26.9	2.4
3	50.9	25.6	38.2	4.2	3.5	3.6	3	1	-7777	-7777	0	0	522	583	675	829	0.0	0.0	17.2	2.7	24.1	0.4
4	61.2	35.2	48.2	4.3	2.6	3.2	39	26	14	3	-7777	-7777	243	290	368	507	0.0	0.1	24.3	0.4	10.1	0.0
5	71.1	46.3	58.7	4.1	2.5	3.1	173	135	86	32	8	4	59	82	126	227	-7777	1.0	30.1	0.0	0.4	0.0
6	81.3	55.6	68.4	3.5	2.6	2.9	408	351	268	148	62	39	5	7	15	44	0.2	5.1	29.9	0.0	0.0	0.0
7	88.5	61.4	75.0	3.2	2.1	2.5	618	556	464	312	173	126	0	-7777	1	4	1.4	13.3	31.0	0.0	0.0	0.0
8	86.3	59.9	73.1	3.3	2.2	2.6	562	500	409	262	132	92	1	1	3	11	0.6	10.7	31.0	0.0	0.0	0.0
9	77.1	50.0	63.6	3.7	2.2	2.7	282	234	169	82	28	16	26	38	62	125	0.1	3.2	29.5	0.0	0.5	0.0
10	63.3	37.5	50.4	4.1	2.4	2.9	56	37	18	4	-7777	-7777	199	242	316	456	0.0	0.1	25.9	0.5	7.4	0.0
11	48.3	26.2	37.3	5.7	3.5	4.5	3	1	-7777	0	0	0	535	594	683	832	0.0	0.0	13.5	3.4	21.8	0.3
12	37.5	16.9	27.2	6.1	5.7	5.8	0	0	0	0	0	0	862	924	1016	1172	0.0	0.0	5.3	9.3	30.2	2.5
Summary	62.0	37.3	49.7	4.5	3.3	3.7	2144	1841	1428	843	403	277	4057	4484	5165	6402	2.3	33.5	250.0	32.2	152.0	8.3

@ 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: 3318 ft. Lat: 41.210° N Lon: 101.670° W

Generated on 08/15/2016

Station: **KINGSLEY DAM, NE US GHCND:USC00254455**

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	0.36	3.0	1.2	0.1	0.0	0.20	0.36	0.53
2	0.59	4.3	2.0	0.1	-7777	0.16	0.40	0.72
3	1.08	6.0	3.2	0.5	0.1	0.37	0.88	1.66
4	2.03	6.8	4.7	1.5	0.3	0.91	1.63	3.28
5	3.03	9.6	6.0	2.1	0.7	1.72	2.82	4.31
6	3.27	9.9	6.4	2.3	0.9	2.14	2.96	4.08
7	2.94	7.9	5.0	1.9	0.6	2.15	2.67	3.83
8	1.89	7.7	4.2	1.2	0.4	0.99	1.62	2.45
9	1.71	6.4	3.6	1.0	0.4	0.69	1.58	2.12
10	1.27	5.9	3.3	0.7	0.1	0.76	1.01	1.83
11	0.65	3.7	1.8	0.3	0.1	0.18	0.48	0.97
12	0.46	3.1	1.3	0.2	0.0	0.10	0.29	0.53
Summary	19.28	74.3	42.7	11.9	3.6	10.37	16.70	26.31

@ 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: 3318 ft. Lat: 41.210° N Lon: 101.670° W

Generated on 08/15/2016

Station: **KINGSLEY DAM, NE US GHCND:USC00254455**

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	2.7	1.8	0.5	0.3	0.0	10.2	5.4	2.8	0.2	0.7	4.6	8.5
2	4.7	3.2	1.9	0.4	0.2	0.0	5.4	1.9	1.0	0.6	1.2	3.1	6.0
3	5.5	2.8	2.0	0.8	0.3	0.0	3.5	1.6	0.7	0.0	2.4	3.0	9.0
4	2.4	0.9	0.7	0.1	0.1	-7777	0.9	0.3	0.1	0.0	0.0	1.0	2.2
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	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
10	0.7	0.4	0.3	0.1	0.1	-7777	0.2	0.1	0.1	-7777	0.0	0.0	0.0
11	5.9	1.9	1.2	0.5	0.3	0.1	2.8	1.2	0.4	0.2	1.0	3.1	5.0
12	5.4	2.8	1.6	0.5	0.2	0.1	7.6	4.5	3.0	0.7	2.0	4.0	8.0
Summary	30.2	14.8	9.6	2.9	1.5	0.2	30.7	15.0	8.1	1.7	7.3	18.8	38.7

@ 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: 3318 ft. Lat: 41.210° N Lon: 101.670° W

Generated on 08/15/2016

Station: **KINGSLEY DAM, NE US GHCND:USC00254455**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	22	101	277	580	854	1083	1026	707	348	86	10
45	1	5	43	171	429	704	928	871	560	226	40	2
50	-7777	1	14	90	290	555	773	716	417	126	13	-7777
55	0	-7777	3	39	173	408	618	562	282	56	3	0
60	0	0	-7777	14	86	268	464	409	169	18	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	11	29	93	191	344	536	703	667	436	225	68	13

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	28	129	406	986	1840	2923	3949	4656	5004	5090	5100
45	1	6	49	220	649	1353	2281	3152	3712	3938	3978	3980
50	0	1	15	105	395	950	1723	2439	2856	2982	2995	2995
55	0	0	3	42	215	623	1241	1803	2085	2141	2144	2144
60	0	0	0	14	100	368	832	1241	1410	1428	1428	1428
Growing Degree Units for Corn (Monthly)												
50/86	11	40	133	324	668	1204	1907	2574	3010	3235	3303	3316

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

**M** indicates the value is missing

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2995 ft. Lat: 40.050° N Lon: 101.533° W

Generated on 08/15/2016

Station: **BENKELMAN, NE US GHCND:USC00250760**

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	42.8	14.0	28.4	5.7	3.9	4.7	-7777	-7777	0	0	0	0	825	887	979	1135	0.0	0.0	10.7	7.1	30.9	3.1
2	46.8	17.6	32.2	6.4	4.4	4.9	-7777	-7777	-7777	0	0	0	638	694	778	918	0.0	0.0	12.2	4.9	27.3	2.1
3	55.8	25.5	40.7	4.1	2.9	3.2	8	4	1	-7777	0	0	453	511	601	755	0.0	-7777	20.5	2.0	24.5	0.3
4	65.4	34.5	50.0	4.6	2.4	3.2	56	39	21	5	1	-7777	208	250	322	457	0.0	0.5	25.8	0.2	11.5	0.0
5	74.9	46.4	60.6	3.9	2.5	2.8	218	174	119	51	14	7	43	61	98	186	0.2	2.3	30.5	0.0	1.1	0.0
6	85.4	56.5	71.0	3.8	2.7	3.1	481	423	339	210	106	74	3	5	10	31	1.3	10.1	30.0	0.0	0.0	0.0
7	91.9	62.4	77.2	3.1	1.9	2.4	686	624	532	379	234	181	-7777	-7777	-7777	3	5.1	19.3	31.0	0.0	0.0	0.0
8	89.8	60.3	75.1	3.5	2.0	2.6	622	560	468	318	180	132	-7777	-7777	2	7	2.6	16.4	31.0	0.0	0.0	0.0
9	81.4	49.4	65.4	3.6	2.5	2.8	332	282	212	114	47	29	20	30	50	102	0.4	7.8	29.6	0.0	0.5	0.0
10	68.5	35.8	52.2	3.9	2.1	2.5	77	54	29	8	1	1	166	205	273	406	0.0	1.1	28.0	0.3	9.5	0.0
11	54.1	24.1	39.1	5.3	2.9	3.8	5	2	1	-7777	0	0	482	539	627	777	0.0	0.0	18.3	2.1	24.8	0.2
12	43.4	14.8	29.1	5.8	4.3	4.9	-7777	-7777	0	0	0	0	803	865	958	1113	0.0	0.0	10.4	6.2	30.7	2.4
Summary	66.7	36.8	51.8	4.5	2.9	3.4	2485	2162	1722	1085	583	424	3641	4047	4698	5890	9.6	57.5	278.0	22.8	160.8	8.1

@ 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: 2995 ft. Lat: 40.050° N Lon: 101.533° W

Generated on 08/15/2016

Station: **BENKELMAN, NE US GHCND:USC00250760**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.56	4.2	1.6	0.2	0.1	0.21	0.42	0.74
2	0.52	5.0	1.7	0.1	-7777	0.20	0.48	0.80
3	1.20	6.4	3.2	0.6	0.2	0.50	1.02	1.50
4	1.99	7.8	4.5	1.2	0.2	1.17	1.68	2.59
5	3.08	11.0	5.9	1.8	0.5	1.72	2.58	4.48
6	2.88	9.9	5.9	1.9	0.7	1.74	2.47	3.72
7	2.94	9.4	5.7	1.9	0.6	1.83	2.74	3.91
8	2.22	8.3	4.4	1.4	0.4	1.08	1.60	3.63
9	1.41	6.0	3.1	0.8	0.3	0.76	1.17	2.25
10	1.59	6.5	3.1	0.9	0.3	0.49	1.12	2.22
11	0.76	4.4	2.0	0.4	0.1	0.32	0.57	1.20
12	0.60	4.0	1.7	0.3	0.1	0.24	0.29	0.87
Summary	19.75	82.9	42.8	11.5	3.5	10.26	16.14	27.91

@ 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: 2995 ft. Lat: 40.050° N Lon: 101.533° W

Generated on 08/15/2016

Station: **BENKELMAN, NE US GHCND:USC00250760**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	6.0	3.6	1.8	0.7	0.3	0.1	10.7	7.8	4.8	2.1	1.4	4.9	7.1
2	5.5	3.6	1.7	0.6	0.2	0.1	8.2	4.5	2.4	0.1	2.1	5.1	7.6
3	4.9	2.9	1.4	0.6	0.2	-7777	3.1	1.6	0.9	0.1	1.5	3.1	8.1
4	2.6	1.5	0.9	0.3	0.1	0.0	0.9	0.4	0.2	0.0	0.0	0.9	5.1
5	0.1	0.1	-7777	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.4	0.1	0.1	0.1	0.1	0.0	-7777	-7777	-7777	0.0	0.0	0.0	0.0
10	1.7	0.7	0.3	0.1	0.1	-7777	0.7	0.3	0.2	0.0	0.0	0.0	0.4
11	3.8	2.5	1.3	0.3	0.1	0.1	2.1	0.6	0.3	0.1	1.0	2.7	4.6
12	5.3	3.8	1.9	0.6	0.2	0.1	8.3	4.9	3.1	1.1	1.3	2.9	6.7
Summary	30.3	18.8	9.4	3.3	1.3	0.4	34.0	20.1	11.9	3.5	7.3	19.6	39.6

@ 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: 2995 ft. Lat: 40.050° N Lon: 101.533° W

Generated on 08/15/2016

Station: **BENKELMAN, NE US GHCND:USC00250760**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	18	39	143	324	641	928	1151	1087	763	395	115	18
45	4	12	71	211	489	778	996	931	615	266	58	4
50	-7777	2	28	120	346	629	841	776	470	158	22	1
55	-7777	-7777	8	56	218	481	686	622	332	77	5	-7777
60	0	-7777	1	21	119	339	532	468	212	29	1	0
Growing Degree Units for Corn (Monthly)												
50/86	43	63	147	245	399	586	732	692	479	295	123	42

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	18	57	200	524	1165	2093	3244	4331	5094	5489	5604	5622
45	4	16	87	298	787	1565	2561	3492	4107	4373	4431	4435
50	0	2	30	150	496	1125	1966	2742	3212	3370	3392	3393
55	0	0	8	64	282	763	1449	2071	2403	2480	2485	2485
60	0	0	1	22	141	480	1012	1480	1692	1721	1722	1722
Growing Degree Units for Corn (Monthly)												
50/86	43	106	253	498	897	1483	2215	2907	3386	3681	3804	3846

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

**M** indicates the value is missing

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2580 ft. Lat: 40.216° N Lon: 100.630° W

Generated on 08/15/2016

Station: **MC COOK NUMBER 2, NE US GHCND:USC00255312**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.35	2.2	0.7	0.0	0.0	0.12	0.25	0.46
2	0.50	3.1	1.7	0.1	0.0	0.15	0.40	0.70
3	1.19	3.9	2.1	0.7	0.2	0.29	0.97	1.61
4	2.13	6.9	4.2	1.5	0.5	1.16	1.59	2.90
5	3.45	7.1	4.3	1.4	0.6	1.71	2.83	4.67
6	3.31	8.4	5.5	2.3	1.0	1.96	3.08	4.62
7	3.11	8.2	5.4	2.1	0.5	1.89	2.75	3.87
8	3.02	6.9	5.1	2.5	0.9	1.88	3.03	4.16
9	1.43	4.9	2.9	1.1	0.5	0.56	1.12	2.15
10	1.72	5.0	3.4	1.5	0.5	0.83	1.42	2.37
11	0.84	2.3	1.4	0.5	0.1	0.31	0.51	1.36
12	0.33	2.1	0.9	0.1	0.1	0.09	0.22	0.48
Summary	21.38	61.0	37.6	13.8	4.9	10.95	18.17	29.35

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2580 ft. Lat: 40.216° N Lon: 100.630° W

Generated on 08/15/2016

Station: **MC COOK NUMBER 2, NE US GHCND:USC00255312**

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	3.0	1.7	1.2	0.4	0.0	0.0	7.8	4.6	2.1	0.7	1.0	2.4	4.0
2	4.6	2.3	1.7	0.7	0.1	0.0	6.9	3.7	1.5	0.0	1.5	4.4	7.0
3	3.0	1.1	1.0	0.6	0.1	0.0	1.9	0.9	0.3	0.0	0.0	1.5	5.8
4	1.3	0.7	0.5	0.1	0.0	0.0	0.6	0.1	0.1	0.0	0.0	0.0	3.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.5	0.5	0.4	0.2	0.1	0.0	0.6	0.2	0.1	0.0	0.0	0.0	0.0
11	1.5	0.8	0.7	0.1	0.0	0.0	2.2	1.2	0.4	0.0	0.0	1.2	2.0
12	3.0	1.7	1.1	0.5	0.1	0.0	5.5	2.6	1.3	0.1	0.7	1.3	3.7
Summary	17.9	8.8	6.6	2.6	0.4	0.0	25.5	13.3	5.8	0.8	3.2	10.8	25.5

@ 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: 2778 ft. Lat: 41.121° N Lon: 100.669° W

Generated on 08/15/2016

Station: **NORTH PLATTE REGIONAL AIRPORT, NE US GHCND:USW00024023**

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	38.9	11.1	25.0	6.1	4.5	5.1	0	0	0	0	0	0	930	992	1085	1240	0.0	0.0	6.9	9.3	30.9	5.0
2	43.0	15.0	29.0	6.8	4.8	5.4	-7777	-7777	-7777	0	0	0	728	784	868	1008	0.0	0.0	9.5	6.2	27.3	2.9
3	52.5	23.5	38.0	4.5	3.4	3.5	3	1	-7777	-7777	0	0	530	590	682	837	0.0	0.0	18.0	2.6	26.0	0.5
4	62.2	33.0	47.6	4.4	2.6	3.1	35	24	12	3	-7777	-7777	257	306	384	525	-7777	0.2	24.5	0.3	13.8	0.0
5	71.7	44.1	57.9	3.5	2.4	2.7	154	118	73	25	5	3	64	90	138	245	-7777	0.8	30.6	0.0	2.4	0.0
6	81.8	54.0	67.9	3.7	3.0	3.0	392	335	254	138	59	38	5	8	17	51	0.3	5.4	29.9	0.0	-7777	0.0
7	88.2	60.4	74.3	3.1	2.3	2.5	598	536	444	293	158	114	0	-7777	1	5	1.6	13.0	31.0	0.0	0.0	0.0
8	86.1	58.2	72.1	3.5	2.4	2.8	532	471	380	236	116	79	-7777	1	3	15	1.0	10.1	31.0	0.0	0.0	0.0
9	77.8	46.8	62.3	3.7	2.9	2.9	251	206	146	70	26	15	32	47	77	151	0.1	4.0	29.6	0.0	1.4	0.0
10	64.5	33.6	49.1	4.0	2.5	2.6	42	27	13	3	1	-7777	226	274	353	498	0.0	0.3	26.9	0.4	13.3	0.0
11	50.2	21.0	35.6	5.8	3.1	4.1	2	1	-7777	-7777	0	0	583	643	732	882	0.0	0.0	15.3	3.2	27.2	0.9
12	39.1	11.6	25.4	6.5	4.5	5.3	0	0	0	0	0	0	919	981	1074	1229	0.0	0.0	7.0	9.1	30.9	3.8
Summary	63.0	34.4	48.7	4.6	3.2	3.6	2009	1719	1322	768	365	249	4274	4716	5414	6686	3.0	33.8	260.2	31.1	173.2	13.1

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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: 2778 ft. Lat: 41.121° N Lon: 100.669° W

Generated on 08/15/2016

Station: **NORTH PLATTE REGIONAL AIRPORT, NE US GHCND:USW00024023**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.34	4.1	1.1	0.1	0.0	0.16	0.33	0.50
2	0.50	5.1	1.6	0.1	0.0	0.14	0.35	0.81
3	1.05	6.7	2.7	0.6	-7777	0.44	0.95	1.54
4	2.27	8.4	4.6	1.4	0.4	1.40	1.96	3.00
5	3.28	11.6	6.8	2.2	0.7	2.02	2.98	4.01
6	3.42	10.5	6.6	2.6	0.6	2.35	3.09	4.92
7	3.07	10.3	6.0	2.3	0.8	1.90	2.84	3.98
8	2.29	8.8	4.2	1.7	0.5	1.23	1.97	2.78
9	1.41	7.0	3.3	0.8	0.2	0.71	1.19	1.76
10	1.55	6.6	3.4	0.9	0.3	0.78	1.21	2.38
11	0.64	4.7	1.7	0.3	0.0	0.14	0.58	0.96
12	0.41	3.6	1.2	0.1	-7777	0.05	0.26	0.67
Summary	20.23	87.4	43.2	13.1	3.5	11.32	17.71	27.31

@ 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: 2778 ft. Lat: 41.121° N Lon: 100.669° W

Generated on 08/15/2016

Station: **NORTH PLATTE REGIONAL AIRPORT, NE US GHCND:USW00024023**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.8	4.2	1.4	0.5	0.1	0.0	10.4	4.9	1.9	0.2	1.6	4.9	6.1
2	5.3	4.1	1.8	0.5	0.1	0.0	7.0	3.0	1.6	0.2	1.7	4.2	8.9
3	4.4	3.9	1.4	0.4	0.1	0.0	3.4	1.5	0.4	0.0	2.1	4.0	6.4
4	3.2	2.0	0.9	0.4	0.2	0.0	1.2	0.4	0.1	0.0	0.1	1.1	5.4
5	-7777	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.2	0.2	0.1	-7777	0.0	0.0	-7777	-7777	0.0	0.0	0.0	0.0	0.0
10	2.1	0.7	0.6	0.3	0.1	-7777	0.7	0.4	0.1	0.1	0.0	0.0	1.3
11	3.9	2.5	1.2	0.4	0.2	0.0	3.5	1.3	0.6	0.1	1.0	2.0	5.3
12	4.6	3.5	1.3	0.5	0.2	0.0	8.1	3.7	1.9	-7777	1.0	3.3	7.6
Summary	28.5	21.2	8.7	3.0	1.0	0.0	34.3	15.2	6.6	0.6	7.5	19.5	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: 2778 ft. Lat: 41.121° N Lon: 100.669° W

Generated on 08/15/2016

Station: **NORTH PLATTE REGIONAL AIRPORT, NE US GHCND:USW00024023**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	19	96	261	555	837	1063	996	670	307	66	4
45	1	5	42	156	404	687	908	841	523	191	27	1
50	-7777	1	14	80	267	538	753	686	381	100	8	-7777
55	0	-7777	3	35	154	392	598	532	251	42	2	0
60	0	-7777	-7777	12	73	254	444	380	146	13	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	25	42	111	202	349	531	689	644	432	240	87	23

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	25	121	382	937	1774	2837	3833	4503	4810	4876	4880
45	1	6	48	204	608	1295	2203	3044	3567	3758	3785	3786
50	0	1	15	95	362	900	1653	2339	2720	2820	2828	2828
55	0	0	3	38	192	584	1182	1714	1965	2007	2009	2009
60	0	0	0	12	85	339	783	1163	1309	1322	1322	1322
Growing Degree Units for Corn (Monthly)												
50/86	25	67	178	380	729	1260	1949	2593	3025	3265	3352	3375

**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: 2816 ft. Lat: 40.756° N Lon: 100.730° W

Generated on 08/15/2016

Station: **WELLFLEET, NE US GHCND:USC00259115**

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	0.40	3.4	1.2	0.2	0.0	0.17	0.28	0.55
2	0.59	3.8	1.8	0.3	-7777	0.17	0.36	0.74
3	1.22	5.7	3.3	0.6	0.2	0.56	0.98	1.69
4	2.35	7.7	4.9	1.6	0.6	1.21	2.31	3.17
5	3.48	10.5	6.7	2.2	0.8	1.70	2.89	4.71
6	3.91	9.0	6.2	2.9	1.1	2.93	3.75	4.80
7	2.89	7.7	5.3	1.9	0.9	1.85	2.56	3.71
8	2.78	6.6	4.4	1.7	0.8	1.31	2.17	4.29
9	1.88	5.6	3.6	1.4	0.4	0.76	1.85	2.52
10	1.67	6.1	3.4	1.2	0.3	0.99	1.62	2.00
11	0.87	3.9	2.0	0.4	0.2	0.32	0.68	1.46
12	0.47	3.1	1.2	0.3	-7777	0.07	0.29	0.67
Summary	22.51	73.1	44.0	14.7	5.3	12.04	19.74	30.31

@ 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: 2793 ft. Lat: 40.174° N Lon: 101.061° W

Generated on 08/15/2016

Station: **TRENTON DAM, NE US GHCND:USC00258628**

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	41.2	14.8	28.0	5.8	4.2	4.8	-7777	-7777	0	0	0	0	837	899	992	1147	0.0	0.0	9.1	8.1	30.8	2.6
2	45.3	17.8	31.5	6.6	4.7	5.2	-7777	-7777	0	0	0	0	657	713	796	936	0.0	0.0	11.2	5.5	26.9	2.3
3	54.7	25.6	40.1	4.2	3.1	3.3	7	4	1	-7777	0	0	468	526	617	770	0.0	-7777	19.8	2.4	23.9	0.5
4	64.6	35.0	49.8	4.4	2.7	3.2	54	37	20	5	1	-7777	210	253	326	461	0.0	0.4	25.7	0.2	10.5	0.0
5	73.9	46.9	60.4	3.8	2.3	2.7	210	167	113	47	13	7	43	62	101	190	0.1	1.7	30.4	0.0	0.9	0.0
6	84.5	57.0	70.8	3.8	2.6	3.0	475	417	332	202	99	69	3	5	10	30	1.1	8.3	30.0	0.0	0.0	0.0
7	90.9	62.9	76.9	3.3	1.9	2.5	679	617	524	372	227	175	0	-7777	-7777	3	4.1	17.4	31.0	0.0	0.0	0.0
8	89.1	61.1	75.1	3.9	2.2	2.9	623	561	469	319	183	136	-7777	-7777	1	7	2.6	14.8	31.0	0.0	0.0	0.0
9	80.7	50.4	65.5	3.9	2.6	3.0	336	285	214	117	49	31	19	28	48	100	0.3	6.8	29.6	0.0	0.3	0.0
10	67.7	37.4	52.5	4.0	2.4	2.7	84	59	33	10	2	1	160	197	264	395	0.0	0.8	28.0	0.2	7.4	0.0
11	53.1	25.6	39.3	5.4	3.2	3.9	6	3	1	-7777	0	0	475	532	620	769	0.0	0.0	17.9	2.1	23.4	0.1
12	42.1	16.1	29.1	5.9	4.5	5.1	-7777	0	0	0	0	0	803	865	958	1113	0.0	0.0	9.7	6.8	30.7	2.5
Summary	65.7	37.6	51.6	4.6	3.0	3.5	2474	2150	1707	1072	574	419	3675	4080	4733	5921	8.2	50.2	273.4	25.3	154.8	8.0

@ 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: 2793 ft. Lat: 40.174° N Lon: 101.061° W

Generated on 08/15/2016

Station: **TRENTON DAM, NE US GHCND:USC00258628**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.45	2.6	1.4	0.3	0.1	0.12	0.23	0.76
2	0.45	3.3	1.6	0.1	-7777	0.13	0.34	0.73
3	1.23	5.1	3.0	0.7	0.1	0.48	1.00	1.81
4	2.16	7.0	4.4	1.3	0.6	1.24	1.69	2.96
5	3.21	10.6	6.7	1.8	0.5	1.60	2.86	4.56
6	3.15	9.1	5.7	2.0	0.6	2.21	3.03	4.12
7	3.42	8.5	5.6	2.1	0.8	1.86	2.64	4.24
8	2.89	7.8	5.2	2.0	0.7	1.32	2.39	4.42
9	1.49	5.8	3.0	0.9	0.3	0.67	1.22	1.96
10	1.66	6.1	3.4	0.9	0.3	0.50	1.50	2.77
11	0.89	3.9	2.1	0.5	0.2	0.38	0.59	1.45
12	0.52	2.7	1.3	0.3	-7777	0.15	0.31	0.76
Summary	21.52	72.5	43.4	12.9	4.2	10.66	17.80	30.54

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2793 ft. Lat: 40.174° N Lon: 101.061° W

Generated on 08/15/2016

Station: **TRENTON DAM, NE US GHCND:USC00258628**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.7	2.2	1.6	0.6	0.3	-7777	10.5	7.3	4.9	1.3	1.5	3.2	8.4
2	3.8	2.3	1.5	0.4	0.1	0.0	7.6	4.5	2.1	0.0	1.0	3.5	5.4
3	4.8	2.1	1.6	0.5	0.1	-7777	3.4	1.5	0.6	0.1	1.0	3.4	7.8
4	2.0	1.0	0.8	0.2	-7777	0.0	1.1	0.5	0.1	0.0	0.0	0.6	2.8
5	-7777	-7777	-7777	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.2	-7777	-7777	-7777	-7777	0.0	0.1	-7777	-7777	0.0	0.0	0.0	0.0
10	1.2	0.4	0.3	0.2	0.1	0.0	0.5	0.3	0.1	0.0	0.0	0.0	0.0
11	3.4	1.5	1.1	0.3	0.1	0.0	2.5	1.1	0.5	0.1	0.6	2.6	4.5
12	4.6	2.2	1.6	0.5	0.2	0.1	8.1	4.8	3.0	0.9	1.1	2.5	6.1
Summary	24.7	11.7	8.5	2.7	0.9	0.1	33.8	20.0	11.3	2.4	5.2	15.8	35.0

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2793 ft. Lat: 40.174° N Lon: 101.061° W

Generated on 08/15/2016

Station: **TRENTON DAM, NE US GHCND:USC00258628**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	16	36	134	319	633	922	1144	1088	767	407	116	18
45	3	11	66	204	482	773	989	933	619	278	59	4
50	-7777	3	26	115	337	623	834	778	474	168	23	-7777
55	-7777	-7777	7	54	210	475	679	623	336	84	6	-7777
60	0	0	1	20	113	332	524	469	214	33	1	0
Growing Degree Units for Corn (Monthly)												
50/86	35	56	135	234	388	586	736	698	480	285	111	35

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	16	52	186	505	1138	2060	3204	4292	5059	5466	5582	5600
45	3	14	80	284	766	1539	2528	3461	4080	4358	4417	4421
50	0	3	29	144	481	1104	1938	2716	3190	3358	3381	3381
55	0	0	7	61	271	746	1425	2048	2384	2468	2474	2474
60	0	0	1	21	134	466	990	1459	1673	1706	1707	1707
Growing Degree Units for Corn (Monthly)												
50/86	35	91	226	460	848	1434	2170	2868	3348	3633	3744	3779

**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: 2450 ft. Lat: 40.525° N Lon: 100.382° W

Generated on 08/15/2016

Station: **STOCKVILLE, NE US GHCND:USC00258215**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.42	1.8	1.0	0.1	-7777	0.09	0.32	0.53
2	0.59	2.8	1.7	0.1	0.1	0.22	0.46	0.87
3	1.24	4.0	2.7	0.7	0.2	0.42	0.94	2.08
4	2.06	5.1	4.1	1.5	0.6	1.00	1.93	3.00
5	3.38	7.9	6.3	2.5	0.8	1.81	3.24	4.71
6	3.66	7.9	6.5	2.9	0.8	2.62	3.02	5.18
7	3.20	6.3	5.4	2.4	1.0	1.48	2.75	4.60
8	2.68	5.5	4.7	1.8	0.7	1.06	2.35	3.35
9	1.51	3.9	3.3	1.1	0.3	0.52	1.27	2.25
10	1.85	4.2	3.5	1.3	0.5	0.78	1.65	2.59
11	0.92	2.6	2.0	0.7	0.2	0.31	0.68	1.55
12	0.45	1.7	1.1	0.1	0.1	0.05	0.26	0.55
Summary	21.96	53.7	42.3	15.2	5.3	10.36	18.87	31.26

@ 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: 2450 ft. Lat: 40.525° N Lon: 100.382° W

Generated on 08/15/2016

Station: **STOCKVILLE, NE US GHCND:USC00258215**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.0	1.7	1.6	0.4	0.3	0.1	10.6	6.5	4.0	1.0	0.5	2.5	7.0
2	4.9	2.0	1.8	0.7	0.2	0.0	8.6	5.3	2.0	0.3	1.5	4.0	8.0
3	4.0	1.5	1.5	0.6	0.1	0.1	2.1	0.8	0.2	0.1	0.0	3.0	4.0
4	1.9	0.6	0.6	0.2	0.1	-7777	0.5	0.4	0.1	-7777	0.0	0.0	3.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.2	-7777	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.8	0.3	0.3	0.1	0.1	0.0	0.3	0.1	-7777	0.0	0.0	0.0	0.0
11	2.8	1.0	0.9	0.3	0.1	0.1	2.2	1.2	0.8	0.2	0.0	1.0	3.0
12	3.9	1.4	1.3	0.6	0.2	-7777	7.0	4.4	2.8	1.4	0.0	1.8	6.0
Summary	22.5	8.5	8.0	2.9	1.1	0.3	31.3	18.7	9.9	3.0	2.0	12.3	31.5

@ 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: 3320 ft. Lat: 40.321° N Lon: 101.674° W

Generated on 08/15/2016

Station: **PARKS 17 N, NE US GHCND:USC00256552**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.38	1.5	1.2	0.1	0.0	0.15	0.30	0.50
2	0.50	2.3	1.8	0.3	0.1	0.18	0.41	0.74
3	1.05	3.0	2.6	0.5	0.1	0.33	0.72	1.50
4	1.71	5.8	3.8	1.6	0.2	1.03	1.63	2.44
5	2.41	6.2	3.8	0.9	0.1	1.83	2.26	3.24
6	2.96	7.5	5.7	2.2	0.7	2.29	2.75	3.64
7	3.63	6.8	5.6	1.7	0.7	2.06	3.38	4.87
8	2.71	6.4	5.0	1.9	1.0	1.13	2.44	3.53
9	1.36	4.0	2.8	1.1	0.3	0.33	1.29	2.21
10	1.26	4.2	3.4	0.9	0.3	0.13	1.02	2.26
11	0.63	2.2	1.8	0.3	0.0	0.34	0.51	0.86
12	0.42	1.5	1.2	0.2	0.1	0.06	0.36	0.58
Summary	19.02	51.4	38.7	11.7	3.6	9.86	17.07	26.37

@ 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: 3320 ft. Lat: 40.321° N Lon: 101.674° W

Generated on 08/15/2016

Station: **PARKS 17 N, NE US GHCND:USC00256552**

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	3.3	1.5	1.4	0.5	0.2	0.0	@	@	@	@	1.5	3.0	4.0
2	5.4	2.4	1.9	1.0	0.5	0.0	@	@	@	@	2.1	4.7	8.0
3	4.3	1.8	1.6	0.5	0.1	0.0	@	@	@	@	1.3	4.5	7.5
4	2.6	0.9	0.9	0.4	0.2	0.0	@	@	@	@	0.0	2.0	4.4
5	0.4	0.1	0.1	0.1	0.1	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	2.6	0.6	0.6	0.5	0.3	0.0	@	@	@	@	0.0	0.0	5.0
11	3.1	1.0	0.9	0.5	0.3	0.0	@	@	@	@	1.5	2.3	5.0
12	4.7	1.8	1.5	0.5	0.4	0.0	@	@	@	@	0.5	2.5	7.0
Summary	26.4	10.1	8.9	4.0	2.1	0.0	0.0	0.0	0.0	0.0	6.9	19.0	40.9

@ 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: 2530 ft. Lat: 40.206° N Lon: 100.591° W

Generated on 08/15/2016

Station: **MCCOOK MUNICIPAL AIRPORT, NE US GHCND:USW00094040**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	40.6	13.9	27.2	6.2	3.9	4.9	-7777	-7777	0	0	0	0	860	922	1015	1170	0.0	0.0	8.6	9.1	30.9	3.1
2	44.6	17.2	30.9	6.4	4.6	5.2	-7777	-7777	0	0	0	0	675	731	815	955	0.0	0.0	10.4	5.7	27.3	2.2
3	54.1	24.6	39.4	4.4	3.5	3.6	6	3	1	-7777	-7777	0	491	550	641	795	0.0	0.0	19.0	2.3	25.0	0.6
4	64.5	34.4	49.5	4.4	2.5	3.2	53	38	21	6	1	-7777	220	264	338	472	0.0	0.5	25.4	0.3	11.6	0.0
5	73.4	45.8	59.6	3.7	2.4	2.8	190	150	99	39	10	5	48	69	111	206	0.1	1.8	30.5	0.0	1.0	0.0
6	84.0	55.9	69.9	3.8	2.9	3.1	452	394	310	185	88	60	3	5	12	36	0.8	7.9	30.0	0.0	0.0	0.0
7	89.9	61.9	75.9	3.0	2.2	2.4	648	586	493	341	200	151	0	-7777	-7777	3	2.9	16.5	31.0	0.0	0.0	0.0
8	87.6	59.9	73.8	3.7	2.3	2.8	581	520	428	280	149	107	-7777	-7777	2	9	1.4	12.4	31.0	0.0	0.0	0.0
9	79.4	49.3	64.4	3.5	2.6	2.8	304	255	187	98	38	23	23	34	57	117	0.2	5.2	29.6	0.0	0.6	0.0
10	66.5	36.2	51.3	3.8	2.3	2.6	66	45	24	7	1	-7777	179	221	293	430	0.0	0.4	28.0	0.3	9.4	0.0
11	52.3	24.1	38.2	5.6	3.3	4.1	4	2	-7777	-7777	0	0	508	566	654	804	0.0	0.0	17.2	2.5	24.6	0.3
12	41.0	15.0	28.0	5.9	4.9	5.3	0	0	0	0	0	0	837	899	992	1147	0.0	0.0	8.4	7.5	30.7	2.5
Summary	64.8	36.5	50.7	4.5	3.1	3.6	2304	1993	1563	956	487	346	3844	4261	4930	6144	5.4	44.7	269.1	27.7	161.1	8.7

@ 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: 2530 ft. Lat: 40.206° N Lon: 100.591° W

Generated on 08/15/2016

Station: **MCCOOK MUNICIPAL AIRPORT, NE US GHCND:USW00094040**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.51	2.7	1.4	0.2	0.1	0.13	0.37	0.73
2	0.62	3.8	1.8	0.3	0.1	0.19	0.42	0.90
3	1.36	5.9	3.1	0.8	0.2	0.57	1.32	1.87
4	2.31	7.4	4.6	1.4	0.6	1.16	1.68	3.20
5	3.14	10.7	6.5	1.9	0.7	1.69	2.85	4.54
6	3.38	9.1	5.9	2.2	0.9	2.11	3.23	4.74
7	3.25	8.5	5.5	2.2	0.8	1.80	2.84	4.01
8	3.14	7.7	5.1	2.3	1.0	1.80	3.12	4.34
9	1.44	5.3	3.1	1.1	0.3	0.53	1.17	1.93
10	1.79	6.1	3.4	1.1	0.3	0.43	1.40	3.04
11	0.95	4.4	2.0	0.7	-7777	0.36	0.68	1.57
12	0.64	3.5	1.4	0.3	0.1	0.14	0.44	0.80
Summary	22.53	75.1	43.8	14.5	5.1	10.91	19.52	31.67

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

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2530 ft. Lat: 40.206° N Lon: 100.591° W

Generated on 08/15/2016

Station: **MCCOOK MUNICIPAL AIRPORT, NE US GHCND:USW00094040**

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	2.4	1.9	0.6	0.3	0.1	10.5	6.4	4.2	1.3	1.3	3.2	7.8
2	5.6	2.2	1.9	0.6	0.3	0.0	8.8	4.7	2.2	0.1	2.0	4.0	10.0
3	5.1	2.0	1.7	0.6	0.3	0.1	3.6	1.6	0.9	0.1	2.0	3.8	9.0
4	2.7	1.0	0.9	0.5	0.1	0.0	1.0	0.7	0.3	0.0	0.0	1.0	4.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.1	-7777	-7777	-7777	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
10	0.9	0.4	0.3	0.2	0.1	-7777	0.3	0.2	0.2	-7777	0.0	0.0	0.0
11	3.5	1.4	1.3	0.5	0.1	0.1	2.7	1.5	0.7	0.2	0.4	2.9	4.7
12	5.4	2.3	1.7	0.8	0.2	-7777	7.6	5.0	3.2	0.6	1.4	4.2	8.0
Summary	28.8	11.7	9.7	3.8	1.4	0.3	34.6	20.2	11.7	2.3	7.1	19.1	43.5

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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: 2530 ft. Lat: 40.206° N Lon: 100.591° W

Generated on 08/15/2016

Station: **MCCOOK MUNICIPAL AIRPORT, NE US GHCND:USW00094040**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	33	122	310	608	899	1113	1046	731	370	100	13
45	3	10	59	198	457	749	958	891	584	244	49	3
50	-7777	2	22	112	314	599	803	736	440	141	17	-7777
55	-7777	-7777	6	53	190	452	648	581	304	66	4	0
60	0	0	1	21	99	310	493	428	187	24	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	34	51	129	232	376	569	717	674	462	268	103	29

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	48	170	480	1088	1987	3100	4146	4877	5247	5347	5360
45	3	13	72	270	727	1476	2434	3325	3909	4153	4202	4205
50	0	2	24	136	450	1049	1852	2588	3028	3169	3186	3186
55	0	0	6	59	249	701	1349	1930	2234	2300	2304	2304
60	0	0	1	22	121	431	924	1352	1539	1563	1563	1563
Growing Degree Units for Corn (Monthly)												
50/86	34	85	214	446	822	1391	2108	2782	3244	3512	3615	3644

**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: 2594 ft. Lat: 40.233° N Lon: 100.830° W

Generated on 08/15/2016

Station: **CULBERTSON, NE US GHCND:USC00252065**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	40.5	14.2	27.4	6.1	4.1	4.8	-7777	0	0	0	0	0	857	919	1012	1167	0.0	0.0	8.4	8.7	30.8	3.0
2	44.8	17.7	31.3	6.5	4.5	5.0	-7777	-7777	0	0	0	0	665	721	805	945	0.0	0.0	10.7	5.7	27.0	2.1
3	54.5	25.4	39.9	4.3	3.2	3.4	7	4	1	-7777	0	0	473	532	623	777	0.0	0.0	19.2	2.2	24.5	0.5
4	64.6	34.0	49.3	4.5	2.6	3.2	50	35	19	4	1	-7777	221	266	340	475	0.0	0.5	25.6	0.3	12.6	0.0
5	73.8	45.4	59.6	3.8	2.6	2.9	193	153	102	40	10	5	51	72	114	208	0.1	2.1	30.6	0.0	1.6	0.0
6	84.7	55.6	70.1	3.6	3.0	3.0	457	400	316	189	91	63	3	5	11	35	0.9	8.9	30.0	0.0	0.0	0.0
7	90.9	61.9	76.4	3.3	2.0	2.4	663	601	509	356	213	162	-7777	-7777	-7777	3	3.8	17.2	31.0	0.0	0.0	0.0
8	88.9	60.4	74.6	3.7	2.3	2.8	609	547	455	306	171	126	-7777	-7777	1	7	2.1	14.4	31.0	0.0	0.0	0.0
9	80.3	49.1	64.7	3.7	2.8	2.9	313	263	195	103	42	26	22	32	54	112	0.3	6.2	29.6	0.0	0.7	0.0
10	67.2	36.4	51.8	3.8	2.3	2.6	70	49	26	7	1	1	170	210	280	417	0.0	0.6	28.0	0.3	9.1	0.0
11	52.4	24.3	38.3	5.4	3.1	3.8	4	2	-7777	-7777	-7777	0	503	561	650	799	0.0	0.0	17.1	2.0	24.6	0.3
12	40.9	15.3	28.1	6.0	4.8	5.2	0	0	0	0	0	0	834	896	989	1144	0.0	0.0	8.2	7.5	30.7	2.7
Summary	65.3	36.6	51.0	4.6	3.1	3.5	2366	2054	1623	1005	529	383	3799	4214	4879	6089	7.2	49.9	269.4	26.7	161.6	8.6

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2594 ft. Lat: 40.233° N Lon: 100.830° W

Generated on 08/15/2016

Station: **CULBERTSON, NE US GHCND:USC00252065**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.46	3.1	1.3	0.2	0.1	0.14	0.31	0.56
2	0.57	4.2	1.7	0.2	0.0	0.19	0.40	0.83
3	1.32	6.0	3.1	0.8	0.2	0.52	1.29	1.83
4	2.29	7.8	4.7	1.3	0.6	1.28	1.70	3.19
5	3.20	11.0	6.7	1.8	0.7	1.66	3.03	4.99
6	3.34	9.5	6.1	2.1	0.7	2.11	3.43	4.45
7	3.44	9.1	5.6	2.2	0.9	1.93	2.84	4.47
8	2.99	7.9	4.8	1.9	0.9	1.57	2.90	4.03
9	1.49	6.3	3.1	0.9	0.2	0.66	1.23	2.24
10	1.84	6.4	3.4	1.1	0.4	0.58	1.69	2.64
11	0.90	4.3	2.2	0.5	0.2	0.48	0.57	1.52
12	0.51	3.4	1.2	0.3	0.1	0.14	0.31	0.73
Summary	22.35	79.0	43.9	13.3	5.0	11.26	19.70	31.48

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2594 ft. Lat: 40.233° N Lon: 100.830° W

Generated on 08/15/2016

Station: **CULBERTSON, NE US GHCND:USC00252065**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.2	2.5	2.0	0.7	0.3	0.1	11.2	6.7	2.9	0.5	1.5	3.6	7.8
2	3.9	2.8	2.0	0.6	0.3	0.0	9.0	5.1	2.2	0.1	1.7	3.0	6.5
3	5.5	2.4	1.8	0.6	0.3	-7777	3.8	1.7	0.7	-7777	1.0	3.7	8.5
4	2.4	1.1	0.9	0.3	0.1	0.0	1.1	0.5	0.1	0.0	0.0	0.7	2.5
5	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.3	0.1	0.1	-7777	-7777	0.0	0.1	0.1	-7777	0.0	0.0	0.0	0.0
10	1.3	0.5	0.4	0.2	0.1	0.0	0.7	0.3	0.2	0.0	0.0	0.0	0.0
11	3.9	1.8	1.5	0.6	0.2	-7777	3.3	1.8	0.9	0.1	1.0	3.5	6.5
12	6.0	2.8	1.6	0.6	0.3	-7777	8.9	5.7	3.0	0.9	1.5	5.4	8.8
Summary	28.5	14.0	10.3	3.6	1.6	0.1	38.1	21.9	10.0	1.6	6.7	19.9	40.6

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## Summary of Monthly Normals 1981-2010

Elev: 2594 ft. Lat: 40.233° N Lon: 100.830° W

Generated on 08/15/2016

Station: **CULBERTSON, NE US GHCND:USC00252065**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	32	129	305	608	905	1128	1074	741	382	100	12
45	2	9	62	193	457	755	973	919	594	254	48	2
50	-7777	2	24	107	315	605	818	764	449	148	17	-7777
55	-7777	-7777	7	50	193	457	663	609	313	70	4	0
60	0	0	1	19	102	316	509	455	195	26	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	31	52	134	233	381	572	722	690	470	278	105	29

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	44	173	478	1086	1991	3119	4193	4934	5316	5416	5428
45	2	11	73	266	723	1478	2451	3370	3964	4218	4266	4268
50	0	2	26	133	448	1053	1871	2635	3084	3232	3249	3249
55	0	0	7	57	250	707	1370	1979	2292	2362	2366	2366
60	0	0	1	20	122	438	947	1402	1597	1623	1623	1623
Growing Degree Units for Corn (Monthly)												
50/86	31	83	217	450	831	1403	2125	2815	3285	3563	3668	3697

**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.