

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2400 ft. Lat: 40.477° N Lon: 99.886° W

Generated on 08/15/2016

Station: **ELWOOD 8 S, NE US GHCND:USC00252690**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.48	2.8	1.3	0.2	-7777	0.13	0.38	0.71
2	0.57	3.6	1.8	0.2	0.0	0.22	0.50	0.79
3	1.46	5.4	3.5	0.9	0.3	0.53	1.13	2.25
4	2.06	6.7	4.2	1.2	0.5	0.88	1.97	2.78
5	3.76	10.7	7.1	2.3	0.8	2.67	3.28	4.65
6	3.78	9.3	6.2	2.3	0.9	2.41	3.45	5.11
7	3.43	8.0	5.8	2.4	1.0	1.83	3.01	4.42
8	2.80	7.1	4.8	1.7	0.7	1.36	2.27	3.49
9	1.61	5.6	3.2	1.2	0.3	0.86	1.30	2.33
10	1.90	5.6	3.5	1.3	0.5	0.49	1.62	2.55
11	0.94	3.9	2.0	0.7	-7777	0.29	0.74	1.28
12	0.64	3.1	1.6	0.3	0.1	0.17	0.44	0.83
Summary	23.43	71.8	45.0	14.7	5.1	11.84	20.09	31.19

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

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2400 ft. Lat: 40.477° N Lon: 99.886° W

Generated on 08/15/2016

Station: **ELWOOD 8 S, NE US GHCND:USC00252690**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.9	2.9	1.7	0.5	0.3	0.0	7.0	1.5	0.7	0.0	2.0	3.5	8.0
2	4.8	2.9	1.7	0.6	0.2	0.0	6.2	1.6	0.4	-7777	1.5	4.0	8.0
3	3.7	2.3	1.5	0.6	0.3	-7777	2.4	1.1	0.7	0.1	1.3	2.1	4.0
4	1.9	1.0	0.9	0.2	-7777	0.0	0.4	0.2	-7777	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	0.2	0.1	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.8	0.5	0.3	0.1	-7777	0.0	0.4	0.1	0.1	0.0	0.0	0.0	0.0
11	3.5	1.8	1.1	0.4	0.2	-7777	1.8	0.9	0.5	-7777	0.5	1.9	4.5
12	4.6	2.9	1.6	0.6	0.1	-7777	4.6	1.8	1.1	0.0	1.0	3.2	5.5
Summary	24.4	14.4	8.8	3.0	1.1	0.0	22.8	7.2	3.5	0.1	6.3	14.7	33.0

@ 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: 1961 ft. Lat: 40.600° N Lon: 98.426° W

Generated on 08/15/2016

Station: **HASTINGS MUNICIPAL AIRPORT, NE US GHCND:USW00094949**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	36.0	16.0	26.0	6.3	4.9	5.3	-7777	-7777	0	0	0	0	899	961	1054	1209	0.0	0.0	5.4	11.7	29.8	3.7
2	40.2	19.7	29.9	7.0	5.2	5.9	-7777	-7777	-7777	0	0	0	702	757	841	981	0.0	0.0	6.6	8.1	25.1	1.4
3	51.2	28.7	39.9	5.0	3.7	4.0	11	7	3	-7777	0	0	478	535	624	777	0.0	0.0	16.8	2.7	20.1	0.3
4	62.9	38.6	50.7	4.5	2.8	3.4	59	41	22	5	-7777	-7777	186	228	299	432	0.0	0.0	25.7	0.3	6.7	0.0
5	72.0	50.6	61.3	3.8	2.9	3.2	226	182	124	54	18	10	31	48	84	169	0.0	0.6	30.7	0.0	0.1	0.0
6	82.8	60.8	71.8	3.6	2.3	2.8	505	446	360	225	115	82	1	2	6	21	0.1	6.1	30.0	0.0	0.0	0.0
7	87.8	66.4	77.1	3.2	1.9	2.3	685	623	530	376	231	179	0	-7777	-7777	1	1.3	12.6	31.0	0.0	0.0	0.0
8	85.2	63.4	74.3	3.4	2.8	2.9	598	536	444	293	158	115	-7777	-7777	1	5	0.6	8.0	31.0	0.0	0.0	0.0
9	77.4	53.9	65.6	3.4	2.4	2.7	332	279	207	110	46	30	12	20	38	90	0.0	2.7	29.9	0.0	0.0	0.0
10	64.4	40.9	52.6	3.6	2.5	2.7	89	66	39	14	5	3	162	200	267	397	0.0	0.4	27.8	0.1	4.9	0.0
11	49.4	28.1	38.7	5.8	3.9	4.6	7	3	1	-7777	-7777	0	494	551	638	788	0.0	0.0	14.9	3.2	20.5	0.0
12	37.0	18.2	27.6	6.4	5.3	5.7	-7777	0	0	0	0	0	849	911	1004	1159	0.0	0.0	4.8	10.3	29.4	1.6
Summary	62.2	40.4	51.3	4.7	3.4	3.8	2512	2183	1730	1077	573	419	3814	4213	4856	6029	2.0	30.4	254.6	36.4	136.6	7.0

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1961 ft. Lat: 40.600° N Lon: 98.426° W

Generated on 08/15/2016

Station: **HASTINGS MUNICIPAL AIRPORT, NE US GHCND:USW00094949**

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	0.49	@	@	@	@			
3	1.79	@	@	@	@			
4	2.56	@	@	@	@			
5	4.57	@	@	@	@			
6	3.80	@	@	@	@			
7	3.74	@	@	@	@			
8	3.30	@	@	@	@			
9	2.56	@	@	@	@			
10	1.99	@	@	@	@			
11	1.29	@	@	@	@			
12	0.61	@	@	@	@			
Summary	27.11	0.0	0.0	0.0	0.0			

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## Summary of Monthly Normals 1981-2010

Elev: 1961 ft. Lat: 40.600° N Lon: 98.426° W

Generated on 08/15/2016

Station: **HASTINGS MUNICIPAL AIRPORT, NE US GHCND:USW00094949**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	28	132	342	660	954	1150	1063	770	407	111	12
45	3	10	69	221	506	804	995	908	620	276	57	3
50	-7777	3	30	124	358	654	840	753	472	167	24	-7777
55	-7777	-7777	11	59	226	505	685	598	332	89	7	-7777
60	0	-7777	3	22	124	360	530	444	207	39	1	0
Growing Degree Units for Corn (Monthly)												
50/86	17	27	99	211	390	627	778	714	481	248	80	13

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	42	174	516	1176	2130	3280	4343	5113	5520	5631	5643
45	3	13	82	303	809	1613	2608	3516	4136	4412	4469	4472
50	0	3	33	157	515	1169	2009	2762	3234	3401	3425	3425
55	0	0	11	70	296	801	1486	2084	2416	2505	2512	2512
60	0	0	3	25	149	509	1039	1483	1690	1729	1730	1730
Growing Degree Units for Corn (Monthly)												
50/86	17	44	143	354	744	1371	2149	2863	3344	3592	3672	3685

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

**M** indicates the value is missing

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## Summary of Monthly Normals 1981-2010

Elev: 1732 ft. Lat: 40.098° N Lon: 98.520° W

Generated on 08/15/2016

Station: **RED CLOUD, NE US GHCND:USC00257070**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	36.8	12.1	24.5	6.4	4.7	5.2	0	0	0	0	0	0	947	1009	1102	1257	0.0	0.0	5.4	11.2	30.8	4.4
2	41.3	15.8	28.5	6.8	5.2	5.7	-7777	-7777	-7777	0	0	0	741	797	880	1020	0.0	0.0	8.1	7.0	26.6	2.9
3	52.1	24.8	38.5	5.0	4.0	3.9	8	5	2	-7777	-7777	0	521	580	670	823	0.0	-7777	16.9	2.4	24.2	0.6
4	63.8	35.4	49.6	4.5	2.9	3.4	59	42	23	7	1	-7777	221	264	335	469	0.0	0.4	25.6	0.1	10.9	0.0
5	73.5	47.7	60.6	3.7	2.9	2.9	214	171	115	49	14	7	41	60	97	186	0.0	1.4	30.8	0.0	1.2	0.0
6	84.3	58.5	71.4	3.6	2.8	3.0	494	435	349	218	113	81	2	3	7	26	0.5	7.7	30.0	0.0	0.0	0.0
7	90.0	64.1	77.0	3.2	2.3	2.4	683	621	528	375	231	180	0	-7777	-7777	2	3.3	15.7	31.0	0.0	0.0	0.0
8	87.6	61.4	74.5	4.0	2.7	3.1	604	543	450	302	171	128	-7777	-7777	1	8	2.3	12.0	31.0	0.0	0.0	0.0
9	79.2	50.4	64.8	3.6	2.9	2.8	317	267	199	107	47	31	23	33	55	113	0.2	4.5	29.8	0.0	0.9	0.0
10	65.9	36.8	51.4	3.8	3.1	2.7	70	50	29	9	3	1	184	226	297	432	0.0	0.3	28.1	0.2	9.9	-7777
11	50.6	24.1	37.4	5.8	3.6	4.1	5	3	1	-7777	-7777	0	534	592	681	830	0.0	0.0	16.0	2.3	24.4	0.3
12	38.0	14.3	26.1	6.4	5.1	5.5	0	0	0	0	0	0	894	956	1049	1204	0.0	0.0	5.6	9.8	30.5	3.2
Summary	63.6	37.1	50.4	4.7	3.5	3.7	2454	2137	1696	1067	580	428	4108	4520	5174	6370	6.3	42.0	258.3	33.0	159.4	11.4

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1732 ft. Lat: 40.098° N Lon: 98.520° W

Generated on 08/15/2016

Station: **RED CLOUD, NE US GHCND:USC00257070**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.50	3.1	1.5	0.1	-7777	0.07	0.44	0.67
2	0.57	3.3	1.9	0.3	0.0	0.17	0.54	0.78
3	1.76	5.3	3.5	1.1	0.3	0.67	1.49	2.57
4	2.20	6.9	4.4	1.5	0.5	1.44	2.06	2.80
5	4.54	10.2	7.3	3.1	1.2	2.99	4.27	7.12
6	3.38	9.3	6.4	2.3	1.0	1.98	3.67	4.32
7	3.93	7.5	5.5	2.5	1.1	1.84	3.57	4.78
8	3.20	6.8	4.9	2.0	0.9	1.85	2.91	4.29
9	2.19	5.5	3.9	1.2	0.4	1.08	1.80	2.96
10	1.97	5.6	3.9	1.2	0.5	0.61	1.51	2.69
11	1.14	4.3	2.7	0.6	0.3	0.43	0.80	1.58
12	0.65	3.0	1.7	0.4	0.1	0.20	0.46	0.94
Summary	26.03	70.8	47.6	16.3	6.3	13.33	23.52	35.50

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1732 ft. Lat: 40.098° N Lon: 98.520° W

Generated on 08/15/2016

Station: **RED CLOUD, NE US GHCND:USC00257070**

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	2.8	2.0	0.5	0.1	0.0	10.9	5.6	2.4	0.4	1.2	3.8	7.2
2	4.4	2.5	1.8	0.7	0.2	0.0	8.7	5.2	2.6	0.5	1.2	4.0	7.4
3	3.2	1.3	0.9	0.4	0.2	0.1	3.1	1.9	1.1	0.2	0.0	1.7	4.5
4	1.0	0.4	0.3	0.1	0.1	0.0	0.5	0.3	0.2	-7777	0.0	0.0	0.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.1	0.1	0.1	-7777	0.0	0.0	0.1	-7777	-7777	0.0	0.0	0.0	0.0
10	0.7	0.2	0.1	0.1	-7777	-7777	0.3	0.2	0.2	0.2	0.0	0.0	0.0
11	1.9	1.2	0.8	0.4	0.1	0.0	2.4	1.2	0.4	0.0	0.0	0.4	3.8
12	3.6	2.0	1.6	0.5	0.1	0.0	8.3	4.6	1.8	0.8	0.3	3.0	6.0
Summary	19.6	10.5	7.6	2.7	0.8	0.1	34.3	19.0	8.7	2.1	2.7	12.9	29.4

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## Summary of Monthly Normals 1981-2010

Elev: 1732 ft. Lat: 40.098° N Lon: 98.520° W

Generated on 08/15/2016

Station: **RED CLOUD, NE US GHCND:USC00257070**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	22	110	313	639	942	1148	1069	744	370	86	6
45	1	6	55	201	486	792	993	914	596	245	42	1
50	-7777	1	23	116	342	642	838	759	452	144	16	-7777
55	0	-7777	8	59	214	494	683	604	317	70	5	0
60	0	-7777	2	23	115	349	528	450	199	29	1	0
Growing Degree Units for Corn (Monthly)												
50/86	18	36	108	224	395	610	752	697	479	263	87	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	28	138	451	1090	2032	3180	4249	4993	5363	5449	5455
45	1	7	62	263	749	1541	2534	3448	4044	4289	4331	4332
50	0	1	24	140	482	1124	1962	2721	3173	3317	3333	3333
55	0	0	8	67	281	775	1458	2062	2379	2449	2454	2454
60	0	0	2	25	140	489	1017	1467	1666	1695	1696	1696
Growing Degree Units for Corn (Monthly)												
50/86	18	54	162	386	781	1391	2143	2840	3319	3582	3669	3685

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

**M** indicates the value is missing

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2242 ft. Lat: 40.328° N Lon: 99.652° W

Generated on 08/15/2016

Station: **OXFORD 6 NNW, NE US GHCND:USC00256454**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	37.7	12.4	25.1	6.9	4.1	5.2	0	0	0	0	0	0	928	990	1083	1238	0.0	0.0	6.4	11.0	30.7	4.4
2	43.5	16.2	29.9	7.1	5.1	5.7	-7777	-7777	-7777	0	0	0	704	760	844	984	0.0	0.0	9.9	6.2	27.0	1.7
3	54.3	24.8	39.6	5.3	3.7	4.0	9	5	2	-7777	0	0	488	546	636	789	0.0	0.0	19.0	2.0	24.4	0.7
4	65.2	35.5	50.3	4.7	3.0	3.4	57	40	21	6	1	-7777	197	239	310	445	0.0	0.3	26.2	0.3	10.4	0.0
5	74.0	47.2	60.6	3.5	2.8	2.9	209	166	113	51	16	9	36	55	95	187	0.1	1.5	30.9	0.0	0.6	0.0
6	84.1	57.4	70.7	4.2	3.0	3.3	475	416	331	200	98	67	2	4	9	28	0.6	8.1	30.0	0.0	0.0	0.0
7	88.9	62.4	75.7	3.6	2.0	2.4	640	578	485	333	191	142	0	0	-7777	3	2.3	14.1	31.0	0.0	0.0	0.0
8	86.7	60.4	73.6	3.6	1.9	2.5	575	513	421	272	142	101	-7777	-7777	1	7	1.6	10.5	31.0	0.0	0.0	0.0
9	79.8	50.0	64.9	3.9	2.8	3.0	315	265	197	104	44	28	19	29	50	107	0.2	5.0	29.9	0.0	0.6	0.0
10	66.7	36.9	51.8	4.2	3.2	3.0	75	53	30	10	3	2	174	214	284	419	0.0	0.9	28.1	0.3	9.3	0.0
11	51.9	24.4	38.1	5.4	4.0	4.3	4	2	-7777	-7777	-7777	0	510	568	656	806	0.0	0.0	16.8	1.9	24.3	0.2
12	38.8	13.7	26.2	6.8	4.7	5.5	0	0	0	0	0	0	891	953	1046	1201	0.0	0.0	7.0	9.1	30.7	2.9
Summary	64.3	36.8	50.5	4.9	3.4	3.8	2359	2038	1600	976	495	349	3949	4358	5014	6214	4.8	40.4	266.2	30.8	158.0	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: 2242 ft. Lat: 40.328° N Lon: 99.652° W

Generated on 08/15/2016

Station: **OXFORD 6 NNW, NE US GHCND:USC00256454**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.48	3.2	1.1	0.2	0.0	0.13	0.36	0.59
2	0.48	3.2	1.8	0.2	0.0	0.11	0.43	0.71
3	1.70	5.4	3.4	0.8	0.3	0.71	1.60	2.31
4	2.03	7.7	4.4	1.4	0.6	1.04	1.72	2.56
5	4.03	10.0	6.3	1.9	0.9	2.43	3.48	5.94
6	3.32	8.9	5.9	2.4	1.0	2.15	3.23	4.22
7	3.08	8.8	6.4	2.6	0.8	1.57	2.73	3.89
8	3.76	7.5	5.4	2.9	1.3	1.92	3.21	5.67
9	2.03	5.6	4.4	1.6	0.4	1.15	1.71	2.93
10	1.96	5.4	3.6	1.6	0.6	0.56	1.66	2.93
11	0.89	3.8	1.8	0.6	0.3	0.25	0.55	1.31
12	0.49	2.9	1.1	0.2	0.0	0.16	0.30	0.71
Summary	24.25	72.4	45.6	16.4	6.2	12.18	20.98	33.77

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2242 ft. Lat: 40.328° N Lon: 99.652° W

Generated on 08/15/2016

Station: **OXFORD 6 NNW, NE US GHCND:USC00256454**

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	2.9	1.8	0.6	0.4	0.0	12.5	7.6	3.9	1.0	2.4	4.9	8.7
2	6.8	3.1	1.9	0.9	0.2	0.0	11.7	6.8	3.5	1.1	1.5	4.4	13.8
3	3.7	2.2	1.2	0.4	0.2	0.0	3.2	2.1	1.5	0.4	0.3	3.3	5.6
4	2.2	1.1	0.8	0.3	0.1	0.0	0.8	0.3	0.1	0.0	0.0	0.3	3.8
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.7	0.4	0.2	0.1	0.1	0.0	0.3	0.2	0.2	0.0	0.0	0.0	0.0
11	2.5	1.4	0.8	0.3	0.2	0.0	2.2	1.5	0.4	0.0	0.0	1.2	4.0
12	3.7	2.6	1.3	0.4	0.1	0.0	6.9	4.5	2.9	0.0	0.3	2.4	4.3
Summary	25.8	13.7	8.0	3.0	1.3	0.0	37.6	23.0	12.5	2.5	4.5	16.5	40.2

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

## Summary of Monthly Normals 1981-2010

Elev: 2242 ft. Lat: 40.328° N Lon: 99.652° W

Generated on 08/15/2016

Station: **OXFORD 6 NNW, NE US GHCND:USC00256454**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	25	133	335	639	922	1105	1040	747	384	100	7
45	1	8	68	216	484	772	950	885	599	258	49	2
50	-7777	2	28	122	337	623	795	730	453	153	17	-7777
55	0	-7777	9	57	209	475	640	575	315	75	4	0
60	0	-7777	2	21	113	331	485	421	197	30	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	23	45	133	241	394	589	720	675	471	272	98	20

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	33	166	501	1140	2062	3167	4207	4954	5338	5438	5445
45	1	9	77	293	777	1549	2499	3384	3983	4241	4290	4292
50	0	2	30	152	489	1112	1907	2637	3090	3243	3260	3260
55	0	0	9	66	275	750	1390	1965	2280	2355	2359	2359
60	0	0	2	23	136	467	952	1373	1570	1600	1600	1600
Growing Degree Units for Corn (Monthly)												
50/86	23	68	201	442	836	1425	2145	2820	3291	3563	3661	3681

**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: 2160 ft. Lat: 40.516° N Lon: 98.951° W

Generated on 08/15/2016

Station: **MINDEN, NE US GHCND:USC00255565**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	37.1	13.9	25.5	6.6	4.7	5.3	0	0	0	0	0	0	914	976	1069	1224	0.0	0.0	5.6	10.7	30.5	4.1
2	41.3	17.3	29.3	7.0	5.2	5.8	-7777	-7777	-7777	0	0	0	720	776	859	999	0.0	0.0	8.2	7.9	25.9	2.9
3	52.0	26.2	39.1	5.3	3.6	4.0	8	5	2	-7777	-7777	0	501	560	650	803	0.0	0.0	18.0	2.8	22.4	0.5
4	63.4	36.2	49.8	4.8	3.0	3.5	58	42	24	8	1	1	214	258	330	464	0.0	0.2	25.4	0.2	10.3	0.0
5	72.8	48.8	60.8	3.5	2.6	2.7	217	172	115	47	13	6	37	55	90	178	0.0	0.7	30.8	0.0	0.7	0.0
6	82.9	58.5	70.7	3.5	2.8	2.9	472	414	328	198	95	64	2	3	7	27	0.2	6.0	30.0	0.0	0.0	0.0
7	88.2	64.1	76.1	2.9	2.1	2.3	655	593	501	348	204	152	0	-7777	-7777	2	1.1	11.9	31.0	0.0	0.0	0.0
8	85.7	61.7	73.7	3.7	2.5	3.0	580	518	426	279	147	106	-7777	-7777	1	9	0.4	9.1	31.0	0.0	0.0	0.0
9	78.1	51.3	64.7	3.4	2.9	2.8	311	261	192	99	39	24	20	30	51	108	-7777	2.5	29.8	0.0	0.5	0.0
10	65.8	39.0	52.4	3.8	2.5	2.5	80	56	31	10	2	1	161	199	267	400	0.0	0.4	28.0	0.3	6.8	0.0
11	50.2	26.0	38.1	6.2	3.9	4.7	5	3	1	-7777	0	0	512	570	658	807	0.0	0.0	15.5	2.8	21.8	0.3
12	37.2	15.7	26.5	6.8	5.2	5.8	0	0	0	0	0	0	885	947	1040	1195	0.0	0.0	5.5	10.2	30.1	3.1
Summary	62.9	38.2	50.6	4.8	3.4	3.8	2386	2064	1620	989	501	354	3966	4374	5022	6216	1.7	30.8	258.8	34.9	149.0	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: 2160 ft. Lat: 40.516° N Lon: 98.951° W

Generated on 08/15/2016

Station: **MINDEN, NE US GHCND:USC00255565**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.47	3.8	1.4	0.1	0.0	0.24	0.37	0.77
2	0.50	4.0	1.6	0.1	0.0	0.17	0.51	0.73
3	1.74	6.2	3.4	0.9	0.4	0.53	1.48	2.23
4	2.04	7.5	4.4	1.2	0.4	1.14	1.78	2.69
5	4.55	11.0	7.4	3.2	1.1	2.89	4.25	5.61
6	3.94	9.7	6.9	2.5	1.2	2.48	3.77	4.74
7	3.70	8.2	5.6	2.5	1.1	1.77	2.93	5.72
8	3.35	8.2	5.2	2.1	1.0	2.11	3.16	4.52
9	2.20	6.3	4.1	1.3	0.5	1.10	1.97	2.98
10	2.14	6.0	3.7	1.5	0.6	0.95	1.49	2.97
11	1.08	4.5	2.6	0.7	0.2	0.35	0.77	1.61
12	0.51	3.6	1.5	0.2	0.0	0.11	0.40	0.68
Summary	26.22	79.0	47.8	16.3	6.5	13.84	22.88	35.25

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2160 ft. Lat: 40.516° N Lon: 98.951° W

Generated on 08/15/2016

Station: **MINDEN, NE US GHCND:USC00255565**

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	3.2	1.9	0.6	0.3	0.0	13.0	6.8	3.5	0.6	2.0	5.0	9.7
2	6.3	2.8	2.1	0.5	0.4	-7777	9.9	6.0	3.9	1.1	1.9	5.0	10.0
3	3.9	2.0	1.2	0.4	0.3	0.1	4.1	2.3	1.5	0.7	0.9	2.7	5.5
4	2.0	0.9	0.8	0.3	0.1	0.0	0.9	0.4	0.1	0.0	0.0	0.0	1.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.3	0.1	0.1	0.1	-7777	0.0	0.1	0.1	-7777	0.0	0.0	0.0	0.0
10	0.5	0.3	0.1	0.1	0.1	0.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0
11	3.6	1.6	1.3	0.4	0.1	-7777	3.1	1.5	0.6	-7777	0.2	2.7	5.5
12	4.1	3.0	1.9	0.6	0.1	0.0	10.4	5.2	2.3	0.7	1.0	3.6	6.5
Summary	26.4	13.9	9.4	3.0	1.4	0.1	41.9	22.5	12.0	3.1	6.0	19.0	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: 2160 ft. Lat: 40.516° N Lon: 98.951° W

Generated on 08/15/2016

Station: **MINDEN, NE US GHCND:USC00255565**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	29	123	320	645	921	1120	1044	741	400	103	9
45	2	9	61	206	492	771	965	890	593	271	52	1
50	-7777	2	26	118	346	621	810	735	448	162	20	-7777
55	0	-7777	8	58	217	472	655	580	311	80	5	0
60	0	-7777	2	24	115	328	501	426	192	31	1	0
Growing Degree Units for Corn (Monthly)												
50/86	19	36	108	220	391	599	749	693	472	263	85	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	39	162	482	1127	2048	3168	4212	4953	5353	5456	5465
45	2	11	72	278	770	1541	2506	3396	3989	4260	4312	4313
50	0	2	28	146	492	1113	1923	2658	3106	3268	3288	3288
55	0	0	8	66	283	755	1410	1990	2301	2381	2386	2386
60	0	0	2	26	141	469	970	1396	1588	1619	1620	1620
Growing Degree Units for Corn (Monthly)												
50/86	19	55	163	383	774	1373	2122	2815	3287	3550	3635	3650

**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: 2240 ft. Lat: 40.312° N Lon: 99.290° W

Generated on 08/15/2016

Station: **RAGAN, NE US GHCND:USC00257002**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	37.7	15.4	26.5	6.5	4.7	5.4	0	0	0	0	0	0	882	944	1037	1192	0.0	0.0	6.2	10.8	30.4	2.9
2	41.4	18.1	29.7	6.9	5.1	5.7	1	-7777	-7777	0	0	0	707	763	847	987	0.0	0.0	8.0	7.7	26.6	1.7
3	52.2	27.4	39.8	5.0	3.4	3.8	10	6	2	-7777	0	0	481	539	628	781	0.0	0.0	17.6	3.0	20.8	0.4
4	63.3	37.3	50.3	4.5	3.1	3.4	61	43	23	5	1	-7777	202	244	314	446	0.0	0.2	25.1	0.3	8.0	0.0
5	72.2	49.1	60.7	3.9	2.3	2.9	214	171	116	49	14	7	39	58	96	184	0.1	1.2	30.6	0.0	0.2	0.0
6	82.8	58.7	70.8	3.6	2.7	3.0	475	417	332	202	99	69	2	4	10	29	0.3	6.9	30.0	0.0	0.0	0.0
7	88.5	64.1	76.3	3.3	1.9	2.4	660	598	505	353	211	160	-7777	-7777	-7777	3	2.1	13.6	31.0	0.0	0.0	0.0
8	86.4	62.0	74.2	3.3	2.6	2.8	595	533	441	292	159	116	-7777	1	2	7	1.5	10.1	31.0	0.0	0.0	0.0
9	77.9	52.1	65.0	3.7	2.6	2.8	317	266	196	103	43	27	17	26	46	103	0.1	3.8	29.9	0.0	0.2	0.0
10	65.1	39.2	52.2	3.8	2.8	2.9	80	56	31	10	2	1	168	207	274	408	0.0	0.2	27.3	0.4	6.1	0.0
11	50.5	27.4	39.0	5.9	4.4	4.9	7	3	1	-7777	0	0	488	545	632	782	0.0	0.0	15.8	3.0	20.5	0.1
12	38.0	16.8	27.4	6.3	5.5	5.6	0	0	0	0	0	0	855	917	1010	1165	0.0	0.0	5.2	9.8	30.4	1.5
Summary	63.0	39.0	51.0	4.7	3.4	3.8	2420	2093	1647	1014	529	380	3841	4248	4896	6087	4.1	36.0	257.7	35.0	143.2	6.6

@ 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: 2240 ft. Lat: 40.312° N Lon: 99.290° W

Generated on 08/15/2016

Station: **RAGAN, NE US GHCND:USC00257002**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.32	2.8	1.1	0.1	0.0	0.09	0.28	0.51
2	0.58	3.3	1.5	0.3	-7777	0.15	0.58	0.83
3	1.65	5.4	3.5	1.2	0.4	0.61	1.49	2.37
4	2.06	7.0	4.2	1.2	0.3	1.39	1.81	2.70
5	4.45	10.4	7.3	2.8	1.1	2.57	4.69	5.83
6	3.64	9.0	6.0	2.3	0.8	1.96	3.81	4.87
7	3.84	6.8	5.3	2.6	1.3	1.71	3.56	4.62
8	2.93	6.3	5.1	1.9	0.8	1.46	2.42	3.86
9	2.01	5.6	3.7	1.2	0.5	0.99	1.94	2.61
10	1.82	5.4	3.4	1.4	0.3	0.62	1.50	2.42
11	1.01	3.9	2.4	0.7	0.2	0.27	0.65	1.98
12	0.55	3.3	1.3	0.3	-7777	0.10	0.34	0.59
Summary	24.86	69.2	44.8	16.0	5.7	11.92	23.07	33.19

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2240 ft. Lat: 40.312° N Lon: 99.290° W

Generated on 08/15/2016

Station: **RAGAN, NE US GHCND:USC00257002**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.8	2.7	1.9	0.6	0.2	0.0	10.3	4.9	2.6	0.3	1.4	3.9	7.1
2	4.9	2.3	1.8	0.6	0.3	0.1	9.9	5.5	3.1	1.1	1.7	3.9	7.8
3	4.5	1.8	1.3	0.5	0.2	0.1	3.3	1.9	1.3	0.4	1.5	3.2	6.0
4	1.3	0.8	0.7	0.4	0.1	0.0	0.9	0.5	0.2	0.0	0.0	0.0	1.3
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	-7777	-7777	-7777	-7777	0.0	-7777	-7777	0.0	0.0	0.0	0.0	0.0
10	0.6	0.2	0.1	0.1	-7777	0.0	0.3	0.2	0.1	0.0	0.0	0.0	0.0
11	3.3	1.6	1.2	0.5	0.2	-7777	3.3	1.3	0.6	0.2	0.4	1.5	5.2
12	3.9	2.5	1.8	0.5	0.1	0.0	9.8	5.0	2.9	0.6	1.0	3.5	6.0
Summary	23.5	11.9	8.8	3.2	1.1	0.2	37.8	19.3	10.8	2.6	6.0	16.0	33.4

@ 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: 2240 ft. Lat: 40.312° N Lon: 99.290° W

Generated on 08/15/2016

Station: **RAGAN, NE US GHCND:USC00257002**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	28	142	334	640	922	1125	1060	750	393	114	9
45	3	8	75	218	487	772	970	905	602	265	58	2
50	-7777	2	32	126	341	623	815	750	456	159	24	-7777
55	0	1	10	61	214	475	660	595	317	80	7	0
60	0	-7777	2	23	116	332	505	441	196	31	1	0
Growing Degree Units for Corn (Monthly)												
50/86	23	35	113	218	380	594	744	697	466	252	88	14

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	43	185	519	1159	2081	3206	4266	5016	5409	5523	5532
45	3	11	86	304	791	1563	2533	3438	4040	4305	4363	4365
50	0	2	34	160	501	1124	1939	2689	3145	3304	3328	3328
55	0	1	11	72	286	761	1421	2016	2333	2413	2420	2420
60	0	0	2	25	141	473	978	1419	1615	1646	1647	1647
Growing Degree Units for Corn (Monthly)												
50/86	23	58	171	389	769	1363	2107	2804	3270	3522	3610	3624

**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: 2362 ft. Lat: 40.694° N Lon: 99.701° W

Generated on 08/15/2016

Station: **CANADAY STEAM PLANT, NE US GHCND:USC00251450**

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	38.1	14.0	26.1	6.2	4.9	5.4	-7777	0	0	0	0	0	897	959	1052	1207	0.0	0.0	6.4	10.2	30.4	4.2
2	41.6	17.6	29.6	6.9	5.0	5.6	-7777	-7777	0	0	0	0	711	767	851	991	0.0	0.0	8.6	7.7	26.1	2.5
3	51.5	26.4	38.9	4.9	3.5	3.8	7	4	1	-7777	-7777	0	505	564	654	808	0.0	0.0	17.0	3.3	22.8	0.5
4	62.4	36.2	49.3	4.8	2.8	3.4	52	37	21	6	1	-7777	223	268	342	477	0.0	0.1	24.3	0.3	9.2	0.0
5	71.7	48.1	59.9	3.8	2.5	2.9	199	157	104	41	11	6	47	67	107	199	0.0	0.9	30.5	0.0	0.5	0.0
6	81.6	57.7	69.7	3.6	2.6	3.0	442	384	301	175	79	53	3	5	11	36	0.2	5.0	30.0	0.0	0.0	0.0
7	86.4	63.2	74.8	2.9	2.0	2.2	614	552	459	307	168	122	-7777	-7777	-7777	4	0.7	9.7	31.0	0.0	0.0	0.0
8	84.5	61.2	72.8	3.2	2.5	2.8	554	492	400	254	128	89	-7777	1	2	11	0.3	7.7	31.0	0.0	0.0	0.0
9	77.4	50.6	64.0	3.6	2.5	2.8	293	244	178	91	34	20	23	34	58	121	0.1	2.8	29.6	0.0	0.3	0.0
10	64.8	37.6	51.2	3.7	2.4	2.6	65	44	24	7	1	-7777	182	224	297	435	0.0	0.4	27.3	0.2	7.2	0.0
11	50.3	25.7	38.0	5.8	3.6	4.5	4	2	-7777	-7777	0	0	514	572	660	810	0.0	0.0	15.7	3.0	22.7	0.1
12	38.7	15.9	27.3	6.5	5.3	5.7	-7777	0	0	0	0	0	859	920	1013	1168	0.0	0.0	6.9	9.4	30.2	3.0
Summary	62.4	37.9	50.1	4.7	3.3	3.7	2230	1916	1488	881	422	290	3964	4381	5047	6267	1.3	26.6	258.3	34.1	149.4	10.3

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2362 ft. Lat: 40.694° N Lon: 99.701° W

Generated on 08/15/2016

Station: **CANADAY STEAM PLANT, NE US GHCND:USC00251450**

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	1.2	0.1	0.0	0.11	0.30	0.61
2	0.46	2.7	1.4	0.2	-7777	0.18	0.41	0.64
3	1.50	4.7	3.2	0.9	0.3	0.52	1.56	2.11
4	2.09	6.2	4.1	1.6	0.5	1.02	1.62	2.87
5	3.99	9.2	6.7	2.5	1.0	2.10	3.84	5.35
6	3.71	8.4	6.6	2.5	1.0	2.87	3.54	5.03
7	3.34	7.1	5.1	2.5	1.0	1.43	3.18	5.13
8	2.95	6.1	4.7	2.0	1.1	1.64	2.61	4.58
9	1.91	4.9	3.8	1.3	0.4	0.84	1.56	2.79
10	1.83	5.1	3.8	1.1	0.3	0.80	1.60	2.34
11	0.79	3.0	2.2	0.5	-7777	0.14	0.43	1.33
12	0.46	2.4	1.3	0.2	0.1	0.02	0.23	0.63
Summary	23.44	62.4	44.1	15.4	5.7	11.67	20.88	33.41

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

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2362 ft. Lat: 40.694° N Lon: 99.701° W

Generated on 08/15/2016

Station: **CANADAY STEAM PLANT, NE US GHCND:USC00251450**

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	2.0	1.6	0.5	0.2	0.0	@	@	@	@	0.3	4.5	7.5
2	4.2	1.7	1.5	0.6	0.2	-7777	@	@	@	@	0.0	2.0	8.0
3	2.6	1.1	0.9	0.3	0.1	0.0	@	@	@	@	0.0	2.0	4.0
4	0.8	0.2	0.2	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	0.4	0.2	0.2	-7777	0.0	0.0	@	@	@	@	0.0	0.0	0.0
11	2.6	0.7	0.7	0.3	0.3	0.0	@	@	@	@	0.0	0.5	5.0
12	4.7	1.4	1.1	0.7	0.2	0.0	@	@	@	@	0.0	3.0	10.5
Summary	20.5	7.3	6.2	2.6	1.0	0.0	0.0	0.0	0.0	0.0	0.3	12.0	35.0

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



## Summary of Monthly Normals 1981-2010

Elev: 2362 ft. Lat: 40.694° N Lon: 99.701° W

Generated on 08/15/2016

Station: **CANADAY STEAM PLANT, NE US GHCND:USC00251450**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	30	121	306	617	889	1079	1018	721	366	100	13
45	3	10	60	195	465	739	924	863	573	241	49	3
50	-7777	2	23	109	322	590	769	708	429	138	18	-7777
55	-7777	-7777	7	52	199	442	614	554	293	65	4	-7777
60	0	0	1	21	104	301	459	400	178	24	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	25	38	106	207	365	571	721	674	452	245	87	23

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	44	165	471	1088	1977	3056	4074	4795	5161	5261	5274
45	3	13	73	268	733	1472	2396	3259	3832	4073	4122	4125
50	0	2	25	134	456	1046	1815	2523	2952	3090	3108	3108
55	0	0	7	59	258	700	1314	1868	2161	2226	2230	2230
60	0	0	1	22	126	427	886	1286	1464	1488	1488	1488
Growing Degree Units for Corn (Monthly)												
50/86	25	63	169	376	741	1312	2033	2707	3159	3404	3491	3514

**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: 2010 ft. Lat: 40.089° N Lon: 99.213° W

Generated on 08/15/2016

Station: **HARLAN CO LAKE, NE US GHCND:USC00253595**

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	38.1	13.4	25.7	6.3	4.6	5.2	0	0	0	0	0	0	907	969	1062	1217	0.0	0.0	6.7	10.4	30.6	3.8
2	43.7	16.8	30.2	7.0	5.1	5.7	-7777	-7777	-7777	0	0	0	693	749	833	973	0.0	0.0	9.9	6.1	26.1	3.0
3	53.9	26.4	40.1	4.5	3.8	3.7	9	5	2	-7777	0	0	470	528	617	771	0.0	0.0	18.9	2.1	22.6	0.6
4	64.3	36.7	50.5	4.5	2.9	3.3	62	44	25	8	1	1	197	239	310	443	0.0	0.3	25.7	0.1	9.0	0.0
5	73.0	48.3	60.7	3.5	2.5	2.7	213	169	112	45	11	5	38	56	92	180	-7777	1.1	30.7	0.0	0.5	0.0
6	83.3	58.5	70.9	3.9	2.7	3.2	479	421	335	205	103	71	2	4	8	28	0.6	6.4	30.0	0.0	0.0	0.0
7	89.4	64.2	76.8	3.2	2.1	2.4	676	614	521	368	223	172	0	-7777	-7777	2	2.9	15.3	31.0	0.0	0.0	0.0
8	87.4	62.0	74.7	3.9	2.6	3.1	611	549	457	307	174	129	-7777	-7777	1	7	2.0	11.9	31.0	0.0	0.0	0.0
9	79.5	51.6	65.5	3.4	2.9	2.8	335	283	213	117	51	34	18	27	47	101	0.2	4.7	29.8	0.0	0.5	0.0
10	66.8	38.3	52.5	3.9	2.5	2.7	82	59	34	10	2	1	158	196	265	396	0.0	0.5	27.9	0.1	7.2	0.0
11	52.0	25.8	38.9	5.9	3.5	4.3	6	3	1	-7777	0	0	489	546	634	783	0.0	0.0	17.6	2.1	22.7	0.2
12	39.6	15.4	27.5	6.3	5.4	5.7	0	0	0	0	0	0	852	914	1007	1162	0.0	0.0	7.2	8.7	30.4	2.9
Summary	64.3	38.1	51.2	4.7	3.4	3.7	2473	2147	1700	1060	565	413	3824	4228	4876	6063	5.7	40.2	266.4	29.6	149.6	10.5

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2010 ft. Lat: 40.089° N Lon: 99.213° W

Generated on 08/15/2016

Station: **HARLAN CO LAKE, NE US GHCND:USC00253595**

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	2.7	1.3	0.1	0.0	0.18	0.34	0.74
2	0.47	3.3	1.6	0.1	-7777	0.16	0.40	0.78
3	1.67	4.3	3.0	0.9	0.4	0.53	1.37	2.74
4	2.13	7.6	4.6	1.2	0.4	1.16	2.04	2.62
5	4.23	10.5	7.3	2.7	1.1	2.46	3.80	5.67
6	3.28	9.5	6.1	2.2	0.7	1.94	2.62	4.47
7	3.64	7.8	5.5	2.5	1.0	1.77	3.23	4.65
8	3.02	8.1	5.2	2.0	0.9	1.41	2.66	4.00
9	1.94	6.0	3.8	1.0	0.4	0.86	1.37	2.57
10	1.94	5.6	3.3	1.3	0.5	0.77	1.34	2.41
11	0.88	3.4	2.0	0.5	0.1	0.32	0.72	1.51
12	0.87	3.0	1.5	0.6	0.3	0.06	0.43	0.84
Summary	24.49	71.8	45.2	15.1	5.8	11.62	20.32	33.00

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2010 ft. Lat: 40.089° N Lon: 99.213° W

Generated on 08/15/2016

Station: **HARLAN CO LAKE, NE US GHCND:USC00253595**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.9	2.1	1.3	0.6	0.2	0.0	@	@	@	@	0.7	2.9	5.3
2	3.9	1.9	1.7	0.8	0.1	0.0	@	@	@	@	0.0	2.5	7.0
3	2.2	0.9	0.6	0.3	0.1	0.0	@	@	@	@	0.0	0.0	4.7
4	0.6	0.3	0.2	0.1	-7777	0.0	@	@	@	@	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
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	0.9	0.1	0.1	-7777	-7777	0.0	@	@	@	@	0.0	0.0	0.0
11	2.0	1.0	0.8	0.4	0.2	0.0	@	@	@	@	0.0	0.7	5.0
12	2.9	1.1	1.0	0.4	0.1	0.0	@	@	@	@	0.0	2.5	4.8
Summary	16.4	7.4	5.7	2.6	0.7	0.0	0.0	0.0	0.0	0.0	0.7	8.6	26.8

@ 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: 2010 ft. Lat: 40.089° N Lon: 99.213° W

Generated on 08/15/2016

Station: **HARLAN CO LAKE, NE US GHCND:USC00253595**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	33	137	336	640	927	1141	1075	767	404	108	10
45	2	11	70	217	488	777	986	921	619	274	54	1
50	-7777	2	29	125	341	627	831	766	473	164	20	-7777
55	0	-7777	9	62	213	479	676	611	335	82	6	0
60	0	-7777	2	25	112	335	521	457	213	34	1	0
Growing Degree Units for Corn (Monthly)												
50/86	23	47	126	231	387	599	751	704	486	275	98	21

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	43	180	516	1156	2083	3224	4299	5066	5470	5578	5588
45	2	13	83	300	788	1565	2551	3472	4091	4365	4419	4420
50	0	2	31	156	497	1124	1955	2721	3194	3358	3378	3378
55	0	0	9	71	284	763	1439	2050	2385	2467	2473	2473
60	0	0	2	27	139	474	995	1452	1665	1699	1700	1700
Growing Degree Units for Corn (Monthly)												
50/86	23	70	196	427	814	1413	2164	2868	3354	3629	3727	3748

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

**M** indicates the value is missing

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2148 ft. Lat: 40.130° N Lon: 99.828° W

Generated on 08/15/2016

Station: **BEAVER CITY, NE US GHCND:USC00250640**

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	41.0	12.0	26.5	6.6	4.2	5.0	-7777	0	0	0	0	0	883	945	1038	1193	0.0	0.0	8.6	8.7	30.9	4.0
2	45.3	15.5	30.4	6.9	4.6	5.3	-7777	-7777	-7777	0	0	0	689	745	829	969	0.0	0.0	11.5	5.6	27.0	3.0
3	55.7	24.9	40.3	4.9	3.4	3.6	8	4	1	-7777	0	0	464	522	612	766	0.0	0.1	20.9	1.9	24.3	0.5
4	65.8	35.6	50.7	4.7	2.5	3.2	63	45	25	8	1	-7777	192	234	304	437	0.0	0.3	26.2	0.1	11.0	0.0
5	75.1	47.9	61.5	3.8	2.7	2.8	234	188	128	56	16	9	32	48	81	165	-7777	1.8	30.9	0.0	1.1	0.0
6	85.6	58.0	71.8	3.9	2.8	3.1	505	446	359	225	117	83	1	2	6	21	1.2	9.3	30.0	0.0	0.0	0.0
7	91.5	63.6	77.6	3.4	2.0	2.3	699	637	544	390	243	189	0	0	-7777	1	4.0	18.0	31.0	0.0	0.0	0.0
8	89.7	61.1	75.4	4.3	2.4	3.1	632	570	478	328	191	143	-7777	-7777	1	6	3.1	15.3	31.0	0.0	0.0	0.0
9	81.7	50.5	66.1	3.6	2.6	2.8	349	297	224	125	57	38	16	24	41	92	0.4	6.7	29.8	0.0	0.7	0.0
10	69.1	36.3	52.7	4.4	2.7	2.5	80	57	32	10	2	1	151	190	258	391	0.0	0.9	28.6	0.2	10.3	-7777
11	53.5	23.7	38.6	6.1	3.3	4.1	5	2	1	-7777	0	0	496	554	643	792	0.0	0.0	17.6	1.9	24.5	0.4
12	40.8	12.8	26.8	6.2	4.8	5.2	-7777	0	0	0	0	0	874	936	1029	1184	0.0	0.0	8.4	7.8	30.5	3.6
Summary	66.2	36.8	51.5	4.9	3.2	3.6	2575	2246	1792	1142	627	463	3798	4200	4842	6017	8.7	52.4	274.5	26.2	160.3	11.5

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2148 ft. Lat: 40.130° N Lon: 99.828° W

Generated on 08/15/2016

Station: **BEAVER CITY, NE US GHCND:USC00250640**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.55	3.4	1.9	0.3	-7777	0.16	0.45	0.79
2	0.74	3.9	2.2	0.4	0.1	0.35	0.61	1.09
3	1.79	6.0	3.9	1.0	0.4	1.07	1.65	2.49
4	2.34	7.1	4.9	1.6	0.6	1.26	2.05	2.94
5	3.70	10.4	7.0	2.1	1.0	2.34	3.39	4.76
6	3.48	9.1	5.9	2.3	0.9	2.31	3.25	4.69
7	3.01	7.7	5.5	2.4	0.8	1.36	2.70	3.46
8	3.00	7.1	4.9	2.3	0.8	0.96	2.31	4.66
9	1.93	5.7	4.1	1.3	0.4	1.00	1.66	2.70
10	1.93	5.5	3.8	1.5	0.5	0.45	1.48	2.39
11	1.09	4.2	2.6	0.7	0.1	0.44	0.85	1.72
12	0.75	3.6	2.0	0.4	-7777	0.20	0.53	0.91
Summary	24.31	73.7	48.7	16.3	5.6	11.90	20.93	32.60

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2148 ft. Lat: 40.130° N Lon: 99.828° W

Generated on 08/15/2016

Station: **BEAVER CITY, NE US GHCND:USC00250640**

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	2.4	2.1	0.5	0.2	-7777	11.1	5.7	2.3	0.8	1.0	4.2	6.2
2	5.0	2.3	1.9	0.7	0.3	-7777	8.8	4.3	2.1	0.6	1.6	4.0	6.0
3	5.0	2.1	1.5	0.7	0.4	-7777	2.9	1.6	0.9	0.2	1.0	3.1	7.0
4	1.4	0.7	0.6	0.2	0.1	0.0	0.7	0.2	0.1	0.0	0.0	0.0	1.3
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	0.4	0.1	0.1	0.1	-7777	0.0	0.1	0.1	-7777	0.0	0.0	0.0	0.0
10	0.3	0.2	0.2	-7777	0.0	0.0	0.3	0.1	0.1	-7777	0.0	0.0	0.0
11	3.0	1.2	1.0	0.4	0.2	0.0	2.1	0.9	0.3	0.1	0.0	1.7	5.0
12	5.1	2.6	2.1	0.7	0.2	-7777	8.3	4.4	2.5	0.6	1.5	5.0	6.2
Summary	25.3	11.6	9.5	3.3	1.4	0.0	34.3	17.3	8.3	2.3	5.1	18.0	31.7

@ 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: 2148 ft. Lat: 40.130° N Lon: 99.828° W

Generated on 08/15/2016

Station: **BEAVER CITY, NE US GHCND:USC00250640**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	29	135	341	667	954	1164	1097	783	408	104	7
45	2	8	66	222	514	804	1009	942	634	276	52	1
50	-7777	2	27	128	366	654	854	787	488	164	19	-7777
55	-7777	-7777	8	63	234	505	699	632	349	80	5	-7777
60	0	-7777	1	25	128	359	544	478	224	32	1	0
Growing Degree Units for Corn (Monthly)												
50/86	35	56	144	252	420	616	754	706	505	307	114	27

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	40	175	516	1183	2137	3301	4398	5181	5589	5693	5700
45	2	10	76	298	812	1616	2625	3567	4201	4477	4529	4530
50	0	2	29	157	523	1177	2031	2818	3306	3470	3489	3489
55	0	0	8	71	305	810	1509	2141	2490	2570	2575	2575
60	0	0	1	26	154	513	1057	1535	1759	1791	1792	1792
Growing Degree Units for Corn (Monthly)												
50/86	35	91	235	487	907	1523	2277	2983	3488	3795	3909	3936

**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: 2300 ft. Lat: 40.112° N Lon: 100.105° W

Generated on 08/15/2016

Station: **WILSONVILLE, NE US GHCND:USC00259325**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.46	2.4	1.3	0.2	0.0	0.12	0.31	0.76
2	0.56	2.7	1.8	0.3	-7777	0.22	0.51	0.65
3	1.44	4.8	3.1	0.9	0.3	0.50	1.11	2.44
4	2.09	5.7	3.7	1.2	0.6	1.12	1.63	3.04
5	3.87	9.6	6.7	2.4	1.1	2.19	3.99	5.28
6	3.43	8.3	6.1	1.8	0.9	1.77	3.49	4.48
7	3.55	7.5	5.6	2.5	1.1	1.64	3.64	4.95
8	2.78	6.5	4.7	1.9	0.7	1.12	2.29	4.12
9	1.84	5.2	3.6	1.3	0.4	0.88	1.57	2.27
10	2.04	5.0	3.7	1.5	0.6	0.50	1.65	3.32
11	1.03	3.5	2.1	0.7	0.3	0.33	0.79	1.77
12	0.67	2.6	1.7	0.5	-7777	0.09	0.43	0.84
Summary	23.76	63.8	44.1	15.2	6.0	10.48	21.41	33.92

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2300 ft. Lat: 40.112° N Lon: 100.105° W

Generated on 08/15/2016

Station: **WILSONVILLE, NE US GHCND:USC00259325**

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	2.0	1.8	0.6	0.3	0.1	7.2	3.6	1.9	0.8	1.5	3.8	9.0
2	5.2	2.1	1.8	0.7	0.2	0.0	6.6	3.7	1.8	0.2	2.0	4.5	7.3
3	4.0	1.8	1.6	0.7	0.2	0.1	3.1	1.7	0.8	0.1	1.0	3.5	6.5
4	1.8	0.6	0.6	0.3	0.1	0.0	0.7	0.3	0.2	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	0.3	-7777	-7777	-7777	-7777	0.0	-7777	-7777	-7777	0.0	0.0	0.0	0.0
10	1.0	0.3	0.3	0.1	-7777	-7777	0.4	0.3	0.1	-7777	0.0	0.0	0.0
11	3.2	1.4	1.3	0.4	0.2	0.1	2.0	1.0	0.5	0.2	0.0	3.0	4.0
12	5.2	2.6	2.0	0.8	0.2	0.0	5.4	3.2	1.7	0.1	1.0	5.0	8.5
Summary	26.1	10.8	9.4	3.6	1.2	0.3	25.4	13.8	7.0	1.4	5.5	19.8	38.3

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

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

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

## Summary of Monthly Normals 1981-2010

Elev: 2239 ft. Lat: 40.285° N Lon: 100.143° W

Generated on 08/15/2016

Station: **CAMBRIDGE, NE US GHCND:USC00251415**

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	11.3	26.0	6.5	4.5	5.2	0	0	0	0	0	0	900	962	1055	1210	0.0	0.0	8.9	8.8	31.0	4.3
2	44.5	15.2	29.9	6.7	4.7	5.3	-7777	-7777	0	0	0	0	704	760	844	984	0.0	0.0	10.5	5.8	27.5	2.7
3	54.2	24.7	39.5	4.5	3.5	3.6	6	3	1	-7777	0	0	488	547	638	792	0.0	-7777	19.2	1.9	24.7	0.6
4	64.7	34.8	49.7	4.6	2.6	3.2	55	39	22	6	1	-7777	212	256	329	464	0.0	0.5	25.7	0.2	11.6	0.0
5	73.6	46.0	59.8	3.5	2.4	2.5	194	153	100	40	9	5	45	66	107	201	-7777	1.4	30.7	0.0	1.5	0.0
6	83.8	56.8	70.3	3.8	3.0	3.1	462	403	319	191	92	63	3	4	10	32	0.7	6.9	30.0	0.0	0.0	0.0
7	89.3	62.2	75.8	3.1	2.1	2.2	643	581	488	336	196	146	0	-7777	-7777	3	2.0	15.3	31.0	0.0	0.0	0.0
8	87.5	60.3	73.9	3.9	2.3	2.8	586	524	432	285	154	112	-7777	-7777	2	9	1.8	12.6	31.0	0.0	0.0	0.0
9	79.9	49.3	64.6	3.7	2.7	2.7	310	260	193	104	45	28	22	32	55	116	0.3	5.8	29.8	0.0	0.7	0.0
10	67.3	34.9	51.1	3.8	2.5	2.4	62	43	23	6	2	1	183	226	299	437	0.0	0.6	28.3	0.2	11.5	0.0
11	52.6	22.7	37.7	6.1	3.4	4.2	3	1	-7777	-7777	0	0	524	582	671	821	0.0	-7777	17.4	2.4	25.9	0.5
12	40.6	12.5	26.5	6.4	4.9	5.4	0	0	0	0	0	0	882	944	1037	1192	0.0	0.0	8.1	7.8	30.9	3.9
Summary	64.9	35.9	50.4	4.7	3.2	3.6	2321	2007	1578	968	499	355	3963	4379	5047	6261	4.8	43.1	270.6	27.1	165.3	12.0

@ 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: 2239 ft. Lat: 40.285° N Lon: 100.143° W

Generated on 08/15/2016

Station: **CAMBRIDGE, NE US GHCND:USC00251415**

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	0.44	2.8	1.4	0.2	0.1	0.11	0.27	0.74
2	0.55	3.3	1.8	0.2	0.0	0.19	0.53	0.73
3	1.42	4.5	3.0	0.8	0.3	0.49	1.35	2.51
4	2.12	5.7	4.1	1.1	0.5	1.02	1.64	3.01
5	3.41	9.4	6.6	2.2	0.8	2.17	2.99	4.38
6	3.62	8.3	6.0	2.3	1.0	2.50	3.63	4.51
7	3.29	7.3	5.4	2.2	0.8	1.61	2.75	4.96
8	2.72	6.4	4.8	2.1	0.8	1.45	2.32	3.82
9	1.61	4.8	3.1	1.2	0.3	0.58	1.76	2.55
10	1.72	5.1	3.2	1.2	0.4	0.53	1.28	2.44
11	0.99	3.5	2.2	0.8	0.1	0.45	0.72	1.33
12	0.60	3.0	1.5	0.3	0.1	0.04	0.41	0.79
Summary	22.49	64.1	43.1	14.6	5.2	11.14	19.65	31.77

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2239 ft. Lat: 40.285° N Lon: 100.143° W

Generated on 08/15/2016

Station: **CAMBRIDGE, NE US GHCND:USC00251415**

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	2.3	1.7	0.5	0.3	-7777	12.1	7.8	5.3	2.5	1.0	3.4	8.0
2	5.2	2.5	1.9	0.6	0.2	-7777	9.8	4.9	2.8	0.4	2.0	4.3	7.5
3	4.1	1.7	1.4	0.6	0.1	-7777	3.1	1.3	0.6	0.1	0.2	3.0	6.0
4	1.8	0.8	0.7	0.2	0.1	0.0	0.8	0.3	-7777	0.0	0.0	0.0	3.0
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	0.2	-7777	-7777	-7777	-7777	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
10	0.6	0.4	0.2	0.1	-7777	0.0	0.3	0.1	-7777	0.0	0.0	0.0	0.0
11	3.5	1.5	1.2	0.4	0.2	-7777	2.5	0.9	0.5	0.2	0.0	2.1	5.0
12	6.1	2.6	1.9	0.8	0.2	-7777	9.2	5.6	3.2	1.2	0.5	4.7	10.0
Summary	26.8	11.8	9.0	3.2	1.1	0.0	37.8	20.9	12.4	4.4	3.7	17.5	39.5

@ 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: 2239 ft. Lat: 40.285° N Lon: 100.143° W

Generated on 08/15/2016

Station: **CAMBRIDGE, NE US GHCND:USC00251415**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	26	121	314	614	909	1108	1051	738	362	90	7
45	1	7	57	200	462	759	953	896	590	237	42	1
50	-7777	1	21	114	319	609	798	741	446	135	15	-7777
55	0	-7777	6	55	194	462	643	586	310	62	3	0
60	0	0	1	22	100	319	488	432	193	23	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	33	52	128	234	383	583	721	680	472	279	107	28

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	35	156	470	1084	1993	3101	4152	4890	5252	5342	5349
45	1	8	65	265	727	1486	2439	3335	3925	4162	4204	4205
50	0	1	22	136	455	1064	1862	2603	3049	3184	3199	3199
55	0	0	6	61	255	717	1360	1946	2256	2318	2321	2321
60	0	0	1	23	123	442	930	1362	1555	1578	1578	1578
Growing Degree Units for Corn (Monthly)												
50/86	33	85	213	447	830	1413	2134	2814	3286	3565	3672	3700

**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: 1938 ft. Lat: 40.647° N Lon: 98.384° W

Generated on 08/15/2016

Station: **HASTINGS 4 N, NE US GHCND:USC00253660**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.7	14.2	24.9	6.5	5.0	5.5	0	0	0	0	0	0	931	993	1086	1241	0.0	0.0	4.7	12.1	30.3	4.0
2	40.0	18.1	29.0	7.0	5.2	5.9	-7777	-7777	-7777	0	0	0	727	783	866	1006	0.0	0.0	7.2	8.1	25.4	2.5
3	51.0	27.1	39.1	4.8	3.8	3.9	9	6	2	-7777	-7777	-7777	504	562	652	805	0.0	-7777	16.4	2.9	21.9	0.5
4	63.0	37.2	50.1	4.4	3.0	3.4	63	46	27	9	2	1	210	253	324	456	0.0	0.5	25.1	0.2	8.4	0.0
5	72.7	48.9	60.8	3.6	2.5	2.9	218	174	117	48	13	7	38	56	92	179	0.0	0.9	30.8	0.0	0.3	0.0
6	82.9	58.7	70.8	3.7	2.4	2.9	475	416	331	198	96	66	1	2	7	24	0.4	6.0	30.0	0.0	0.0	0.0
7	87.3	63.5	75.4	3.1	2.2	2.4	632	570	477	326	186	138	0	-7777	-7777	3	1.1	11.5	31.0	0.0	0.0	0.0
8	85.2	61.5	73.4	3.4	2.5	2.8	569	507	415	268	140	99	-7777	-7777	2	9	0.6	8.5	31.0	0.0	0.0	0.0
9	77.7	51.7	64.7	3.5	2.5	2.8	311	261	193	101	41	26	20	30	52	110	0.0	3.3	29.8	0.0	0.3	0.0
10	64.4	39.5	52.0	3.7	2.5	2.7	76	54	31	10	2	1	171	211	280	414	0.0	0.2	27.5	0.2	6.0	0.0
11	49.0	26.6	37.8	6.0	3.7	4.5	6	4	1	-7777	0	0	522	580	667	816	0.0	0.0	14.5	3.2	21.5	0.1
12	36.5	16.1	26.3	6.6	5.5	5.9	0	0	0	0	0	0	889	951	1044	1199	0.0	0.0	4.7	11.0	30.3	3.2
Summary	62.1	38.6	50.4	4.7	3.4	3.8	2359	2038	1594	960	480	338	4013	4421	5072	6262	2.1	30.9	252.7	37.7	144.4	10.3

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

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

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



**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1938 ft. Lat: 40.647° N Lon: 98.384° W

Generated on 08/15/2016

Station: **HASTINGS 4 N, NE US GHCND:USC00253660**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.58	4.8	2.0	0.2	0.0	0.26	0.55	0.74
2	0.77	4.8	2.3	0.4	-7777	0.28	0.69	1.28
3	1.90	7.1	3.9	1.3	0.3	0.69	1.65	2.63
4	2.73	9.2	5.0	1.7	0.8	1.78	2.48	3.89
5	4.61	11.7	8.0	3.2	1.2	2.96	5.00	6.04
6	3.63	10.4	6.2	2.2	1.2	2.09	3.59	5.06
7	3.79	9.0	5.8	2.5	1.0	1.90	3.06	5.44
8	3.29	9.0	5.7	2.1	0.8	1.96	2.89	4.00
9	2.71	7.1	4.3	1.7	0.8	1.49	2.21	3.29
10	1.90	6.8	3.9	1.2	0.5	0.97	1.47	2.60
11	1.32	5.6	2.7	0.8	0.3	0.30	0.92	2.02
12	0.76	4.8	1.8	0.4	0.1	0.24	0.63	1.02
Summary	27.99	90.3	51.6	17.7	7.0	14.92	25.14	38.01

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1938 ft. Lat: 40.647° N Lon: 98.384° W

Generated on 08/15/2016

Station: **HASTINGS 4 N, NE US GHCND:USC00253660**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	6.0	4.0	2.2	0.6	0.3	0.0	12.5	7.6	4.1	0.9	2.8	5.1	9.5
2	6.5	3.7	2.0	0.7	0.3	-7777	9.9	5.7	3.1	0.4	2.3	5.7	10.4
3	5.2	2.1	1.2	0.5	0.3	0.1	3.2	1.9	1.3	0.5	0.8	2.0	4.2
4	1.2	0.7	0.3	0.1	0.1	0.0	0.6	0.2	0.1	0.0	0.0	0.0	1.1
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	-7777	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.0	0.4	0.2	0.1	0.1	-7777	0.3	0.2	0.1	0.1	0.0	0.0	0.0
11	2.6	2.0	0.9	0.3	0.1	-7777	3.0	1.1	0.5	0.1	0.3	2.2	4.0
12	6.1	3.9	2.0	0.6	0.2	-7777	9.5	5.4	3.7	1.6	2.0	5.0	9.3
Summary	28.8	16.8	8.8	2.9	1.4	0.1	39.0	22.1	12.9	3.6	8.2	20.0	38.5

@ 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: 1938 ft. Lat: 40.647° N Lon: 98.384° W

Generated on 08/15/2016

Station: **HASTINGS 4 N, NE US GHCND:USC00253660**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	29	123	326	645	924	1097	1034	741	387	100	10
45	3	9	63	211	492	774	942	879	593	258	51	2
50	-7777	2	27	123	346	624	787	724	447	152	21	-7777
55	0	-7777	9	63	218	475	632	569	311	76	6	0
60	0	-7777	2	27	117	331	477	415	193	31	1	0
Growing Degree Units for Corn (Monthly)												
50/86	16	31	100	214	386	599	730	684	465	242	76	14

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	42	165	491	1136	2060	3157	4191	4932	5319	5419	5429
45	3	12	75	286	778	1552	2494	3373	3966	4224	4275	4277
50	0	2	29	152	498	1122	1909	2633	3080	3232	3253	3253
55	0	0	9	72	290	765	1397	1966	2277	2353	2359	2359
60	0	0	2	29	146	477	954	1369	1562	1593	1594	1594
Growing Degree Units for Corn (Monthly)												
50/86	16	47	147	361	747	1346	2076	2760	3225	3467	3543	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: 2120 ft. Lat: 40.276° N Lon: 99.784° W

Generated on 08/15/2016

Station: **EDISON, NE US GHCND:USC00252560**

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	0.44	@	@	@	@			
2	0.57	@	@	@	@			
3	1.57	@	@	@	@			
4	2.13	@	@	@	@			
5	3.37	@	@	@	@			
6	3.69	@	@	@	@			
7	3.40	@	@	@	@			
8	3.25	@	@	@	@			
9	1.93	@	@	@	@			
10	1.96	@	@	@	@			
11	0.94	@	@	@	@			
12	0.62	@	@	@	@			
Summary	23.87	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: 1861 ft. Lat: 40.095° N Lon: 98.945° W

Generated on 08/15/2016

Station: **FRANKLIN NUMBER 2, NE US GHCND:USC00253037**

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	13.7	26.4	7.0	4.6	5.5	0	0	0	0	0	0	887	949	1042	1196	0.0	0.0	7.6	10.1	30.5	4.1
2	43.5	17.6	30.6	6.6	4.7	5.3	1	-7777	-7777	0	0	0	685	741	824	964	0.0	0.0	10.0	6.1	26.1	2.2
3	53.5	26.3	39.9	4.7	4.0	4.0	10	6	2	-7777	-7777	0	478	536	625	778	0.0	0.0	18.3	2.3	22.0	0.6
4	64.4	36.4	50.4	4.7	3.1	3.6	60	42	23	6	1	-7777	198	240	311	444	0.0	0.3	25.9	0.2	9.6	0.0
5	73.4	48.2	60.8	3.4	2.9	2.8	218	175	120	52	16	9	38	58	95	183	0.0	1.5	30.8	0.0	0.6	0.0
6	83.3	58.4	70.9	3.4	2.8	2.9	478	419	334	202	99	68	2	4	8	27	0.2	6.6	30.0	0.0	0.0	0.0
7	89.5	64.1	76.8	3.2	2.1	2.4	676	614	521	367	223	172	0	0	-7777	2	2.7	14.7	31.0	0.0	0.0	0.0
8	87.5	61.9	74.7	3.1	2.6	2.7	611	549	457	307	174	130	-7777	-7777	1	6	1.9	11.8	31.0	0.0	0.0	0.0
9	79.0	51.4	65.2	3.6	2.6	2.8	322	270	200	108	48	31	16	24	44	102	0.2	3.8	29.9	0.0	0.4	0.0
10	66.7	38.0	52.4	3.7	2.1	2.4	82	60	35	12	3	2	165	204	272	404	0.0	0.5	28.2	0.2	8.5	0.1
11	51.9	25.5	38.7	5.9	3.0	4.0	7	4	2	-7777	0	0	496	553	641	789	0.0	0.0	16.2	2.3	22.7	0.2
12	39.4	15.3	27.3	6.3	5.2	5.6	-7777	0	0	0	0	0	857	919	1012	1167	0.0	0.0	6.8	9.0	30.6	2.5
Summary	64.3	38.1	51.2	4.6	3.3	3.7	2465	2139	1694	1054	564	412	3822	4228	4875	6062	5.0	39.2	265.7	30.2	151.0	9.7

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1861 ft. Lat: 40.095° N Lon: 98.945° W

Generated on 08/15/2016

Station: **FRANKLIN NUMBER 2, NE US GHCND:USC00253037**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.49	4.4	1.8	0.3	0.0	0.15	0.44	0.65
2	0.67	4.4	2.3	0.4	0.0	0.19	0.49	1.09
3	1.80	6.6	3.5	1.0	0.3	0.73	1.85	2.43
4	2.31	8.9	5.6	1.5	0.4	1.54	2.15	2.83
5	4.59	11.0	7.3	2.4	1.0	2.72	4.11	6.00
6	3.81	10.3	6.4	2.8	1.2	2.16	3.79	4.91
7	3.59	10.1	7.1	3.1	1.5	1.80	3.13	4.35
8	3.00	8.8	5.4	2.3	0.7	1.98	2.65	4.28
9	2.09	6.2	3.7	1.2	0.5	0.76	2.15	3.12
10	1.93	6.8	4.0	1.4	0.8	0.78	1.40	2.24
11	1.22	5.3	2.5	0.7	0.4	0.41	0.82	1.90
12	0.73	4.3	1.8	0.3	0.0	0.22	0.48	1.10
Summary	26.23	87.1	51.4	17.4	6.8	13.44	23.46	34.90

@ 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: 1861 ft. Lat: 40.095° N Lon: 98.945° W

Generated on 08/15/2016

Station: **FRANKLIN NUMBER 2, NE US GHCND:USC00253037**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.0	3.2	1.7	0.6	0.2	0.0	10.0	4.1	1.6	0.6	2.1	3.8	7.0
2	5.2	2.6	1.8	0.8	0.3	0.0	8.6	5.2	3.4	0.4	0.4	4.8	8.0
3	2.3	1.2	0.8	0.4	0.1	0.0	3.1	1.7	1.0	0.1	0.0	1.2	4.2
4	1.4	0.5	0.4	0.2	0.1	0.0	0.6	0.3	0.1	0.0	0.0	0.0	3.3
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	0.0	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	1.3	0.2	0.2	0.1	0.1	0.1	0.5	0.4	0.4	0.2	0.0	0.0	0.0
11	2.0	1.2	0.8	0.2	0.1	0.0	2.3	1.1	0.6	0.2	0.0	2.0	2.9
12	2.3	2.6	1.2	0.3	0.0	0.0	7.9	2.2	0.4	0.0	0.1	1.3	5.0
Summary	19.5	11.5	6.9	2.6	0.9	0.1	33.0	15.0	7.5	1.5	2.6	13.1	30.4

@ 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: 1861 ft. Lat: 40.095° N Lon: 98.945° W

Generated on 08/15/2016

Station: **FRANKLIN NUMBER 2, NE US GHCND:USC00253037**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	33	138	334	645	926	1140	1076	756	400	107	9
45	2	12	72	217	492	775	986	920	607	271	55	2
50	-7777	3	31	125	346	626	830	765	460	163	23	-7777
55	0	1	10	60	218	478	676	611	322	82	7	-7777
60	0	-7777	2	23	120	334	521	457	200	35	2	0
Growing Degree Units for Corn (Monthly)												
50/86	27	46	124	232	395	600	750	704	481	276	101	21

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	46	184	518	1163	2089	3229	4305	5061	5461	5568	5577
45	2	14	86	303	795	1570	2556	3476	4083	4354	4409	4411
50	0	3	34	159	505	1131	1961	2726	3186	3349	3372	3372
55	0	1	11	71	289	767	1443	2054	2376	2458	2465	2465
60	0	0	2	25	145	479	1000	1457	1657	1692	1694	1694
Growing Degree Units for Corn (Monthly)												
50/86	27	73	197	429	824	1424	2174	2878	3359	3635	3736	3757

**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: 1960 ft. Lat: 40.131° N Lon: 99.456° W

Generated on 08/15/2016

Station: **ORLEANS 2 W, NE US GHCND:USC00256365**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.51	3.4	1.5	0.3	0.0	0.18	0.32	0.96
2	0.68	3.4	1.8	0.3	0.1	0.17	0.54	1.02
3	1.70	5.7	3.6	1.1	0.4	0.73	1.62	2.34
4	2.07	6.3	4.6	1.6	0.3	1.28	2.12	2.64
5	3.95	9.7	7.1	2.9	1.0	2.38	3.82	5.07
6	3.36	7.9	6.0	2.4	0.8	1.92	2.94	4.72
7	3.70	7.4	6.0	2.5	1.2	2.18	2.70	5.19
8	3.17	6.5	5.0	2.0	0.8	1.32	2.35	4.17
9	1.87	5.1	3.6	1.3	0.3	1.13	1.72	2.43
10	1.87	5.0	3.6	1.4	0.6	0.60	1.50	2.47
11	0.99	3.6	2.4	0.6	0.2	0.40	0.91	1.48
12	0.70	3.1	2.0	0.3	0.1	0.13	0.47	1.05
Summary	24.57	67.1	47.2	16.7	5.8	12.42	21.01	33.54

@ 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: 1960 ft. Lat: 40.131° N Lon: 99.456° W

Generated on 08/15/2016

Station: **ORLEANS 2 W, NE US GHCND:USC00256365**

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	2.8	2.5	0.5	0.3	0.0	10.7	4.5	2.6	0.8	2.0	4.4	7.0
2	6.1	2.2	1.9	0.8	0.3	-7777	10.2	5.9	2.9	1.0	2.0	6.0	8.0
3	3.4	1.5	1.3	0.6	0.2	-7777	2.8	1.4	0.6	0.1	0.0	2.0	4.0
4	1.1	0.6	0.6	0.1	0.0	0.0	0.5	0.2	-7777	0.0	0.0	0.0	1.7
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.2	-7777	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.9	0.2	0.2	0.1	0.1	-7777	0.4	0.2	0.1	0.1	0.0	0.0	0.0
11	3.2	1.2	1.1	0.4	0.2	-7777	1.7	0.9	0.5	0.0	0.0	2.0	5.0
12	4.6	2.4	2.1	0.5	0.1	-7777	8.3	4.2	1.8	0.6	2.0	4.0	6.0
Summary	24.9	10.9	9.7	3.0	1.2	0.0	34.6	17.3	8.5	2.6	6.0	18.4	31.7

@ 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: 2520 ft. Lat: 40.528° N Lon: 99.635° W

Generated on 08/15/2016

Station: **BERTRAND, NE US GHCND:USC00250810**

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	2.2	1.2	0.2	0.0	0.03	0.31	0.69
2	0.56	3.2	1.8	0.1	-7777	0.24	0.47	0.72
3	1.63	4.3	3.1	1.0	0.4	0.38	1.39	2.46
4	2.12	5.5	4.0	1.4	0.6	0.89	1.47	2.44
5	3.82	8.8	6.5	2.4	1.0	2.29	3.84	4.85
6	3.88	8.2	6.2	2.3	1.1	2.15	3.32	5.14
7	3.47	6.4	5.3	2.4	1.3	1.76	3.31	4.56
8	3.14	6.5	4.9	2.2	1.3	1.45	3.21	3.91
9	1.94	4.4	3.3	1.3	0.4	0.81	1.41	2.77
10	1.87	4.3	3.3	1.3	0.4	0.62	1.57	2.38
11	0.98	3.3	1.9	0.7	0.2	0.30	0.70	1.74
12	0.64	2.6	1.6	0.3	0.1	0.12	0.55	0.82
Summary	24.45	59.7	43.1	15.6	6.8	11.04	21.55	32.48

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2520 ft. Lat: 40.528° N Lon: 99.635° W

Generated on 08/15/2016

Station: **BERTRAND, NE US GHCND:USC00250810**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.9	1.3	1.2	0.6	0.3	-7777	@	@	@	@	0.0	4.0	5.0
2	5.5	1.7	1.6	0.8	0.4	0.1	@	@	@	@	0.0	4.5	9.0
3	3.6	0.8	0.8	0.5	0.2	0.1	@	@	@	@	0.0	0.0	5.0
4	0.9	0.2	0.2	0.1	0.1	-7777	@	@	@	@	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
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	-7777	-7777	-7777	-7777	0.0	@	@	@	@	0.0	0.0	0.0
10	0.4	0.2	0.2	0.1	0.1	0.0	@	@	@	@	0.0	0.0	0.0
11	2.5	0.8	0.8	0.4	0.1	-7777	@	@	@	@	0.0	0.5	4.0
12	3.6	1.4	1.1	0.5	0.1	-7777	@	@	@	@	0.0	2.5	6.5
Summary	20.7	6.4	5.9	3.0	1.3	0.2	0.0	0.0	0.0	0.0	0.0	11.5	29.5

@ 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: 1972 ft. Lat: 40.306° N Lon: 98.505° W

Generated on 08/15/2016

Station: **BLUE HILL 4 SW, NE US GHCND:USC00250961**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.58	3.1	1.7	0.3	0.0	0.23	0.52	0.73
2	0.71	3.6	2.2	0.2	-7777	0.27	0.65	1.03
3	2.01	5.4	4.1	1.4	0.3	0.70	1.70	2.91
4	2.56	6.9	5.1	1.6	0.6	1.35	2.39	3.46
5	4.63	9.7	7.6	3.1	1.4	2.69	4.39	6.40
6	3.67	8.0	6.5	2.4	1.0	2.23	3.42	4.37
7	3.87	6.3	5.3	2.2	1.0	1.56	3.07	4.36
8	3.37	6.2	4.8	2.2	1.0	2.03	2.83	4.91
9	2.57	5.2	4.2	1.6	0.8	1.04	2.55	3.48
10	1.98	4.9	3.9	1.4	0.6	0.86	1.55	2.57
11	1.34	3.7	2.6	0.9	0.3	0.43	1.00	2.18
12	0.78	3.3	2.2	0.5	-7777	0.25	0.50	0.96
Summary	28.07	66.3	50.2	17.8	7.0	13.64	24.57	37.36

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

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

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

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 1972 ft. Lat: 40.306° N Lon: 98.505° W

Generated on 08/15/2016

Station: **BLUE HILL 4 SW, NE US GHCND:USC00250961**

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	2.4	1.9	0.7	0.2	0.0	12.0	7.4	4.5	1.2	2.3	4.7	7.0
2	5.9	2.6	2.1	0.7	0.4	-7777	9.0	5.5	3.9	0.9	1.5	5.0	8.0
3	4.6	1.4	1.1	0.6	0.4	0.1	3.4	2.2	1.6	0.7	0.0	2.3	6.5
4	1.3	0.8	0.6	0.1	0.1	0.0	1.0	0.4	0.2	0.0	0.0	0.0	2.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.3	0.1	0.1	0.1	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.0	0.1	0.1	0.1	0.1	-7777	0.3	0.2	0.1	0.1	0.0	0.0	0.0
11	2.4	1.4	1.0	0.3	0.1	-7777	2.7	1.0	0.7	0.1	0.0	1.0	2.5
12	4.9	2.4	1.8	0.7	0.2	-7777	8.5	4.4	2.1	0.8	1.1	3.7	6.5
Summary	25.5	11.2	8.7	3.3	1.5	0.1	36.9	21.1	13.1	3.8	4.9	16.7	32.5

@ 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: 1894 ft. Lat: 40.078° N Lon: 99.139° W

Generated on 08/15/2016

Station: **NAPONEE, NE US GHCND:USC00255780**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.47	2.8	1.4	0.2	-7777	0.16	0.33	0.64
2	0.67	2.9	2.0	0.4	-7777	0.13	0.44	1.06
3	1.72	5.0	3.8	1.2	0.3	0.46	1.47	2.52
4	2.00	5.9	4.5	1.2	0.5	1.29	1.93	2.67
5	4.57	8.9	7.2	3.0	1.3	2.54	3.69	6.21
6	3.71	7.4	5.9	2.5	1.1	2.15	3.47	4.78
7	3.43	6.1	5.5	2.3	1.0	1.75	3.10	4.37
8	2.95	6.4	5.0	2.2	0.8	1.65	2.17	3.93
9	1.87	4.3	3.5	1.1	0.4	0.77	1.69	2.70
10	1.92	4.7	3.3	1.4	0.5	0.70	1.29	2.40
11	0.97	3.2	2.5	0.5	0.2	0.38	0.52	1.78
12	0.61	2.9	1.8	0.4	-7777	0.13	0.41	0.92
Summary	24.89	60.5	46.4	16.4	6.1	12.11	20.51	33.98

@ 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: 1894 ft. Lat: 40.078° N Lon: 99.139° W

Generated on 08/15/2016

Station: **NAPONEE, NE US GHCND:USC00255780**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.1	2.1	2.0	0.5	0.2	0.0	10.0	4.8	2.6	0.6	1.4	3.1	5.0
2	5.2	2.0	1.9	0.8	0.2	0.0	7.6	4.6	2.2	0.3	1.5	4.4	8.0
3	3.8	1.3	1.2	0.5	0.3	0.0	3.2	1.5	0.8	0.1	0.0	2.0	6.0
4	0.8	0.5	0.4	0.1	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.6
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.3	0.1	0.1	-7777	-7777	0.0	0.3	0.2	0.1	0.0	0.0	0.0	0.0
11	2.5	1.1	1.1	0.2	0.1	0.0	2.2	0.8	0.4	0.2	0.0	1.4	4.0
12	4.1	2.3	1.9	0.4	0.1	0.0	7.7	4.1	2.4	0.5	0.0	3.0	8.0
Summary	20.8	9.4	8.6	2.5	0.9	0.0	31.6	16.1	8.5	1.7	2.9	13.9	31.6

@ 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: 2286 ft. Lat: 40.344° N Lon: 98.866° W

Generated on 08/15/2016

Station: **UPLAND, NE US GHCND:USC00258735**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.52	2.3	1.5	0.2	0.0	0.25	0.46	0.84
2	0.67	2.5	1.8	0.4	0.0	0.21	0.69	0.89
3	1.93	5.0	3.7	1.3	0.4	0.55	1.87	2.22
4	2.19	5.9	4.4	1.5	0.4	1.34	1.91	3.00
5	4.56	8.8	7.0	3.5	1.2	2.83	4.61	5.83
6	3.54	7.7	5.6	2.5	1.0	2.07	3.93	4.99
7	3.58	6.0	4.7	2.6	1.2	1.32	2.97	5.22
8	3.14	6.5	5.3	2.1	0.8	1.77	3.45	3.98
9	2.21	4.7	3.8	1.3	0.5	1.02	1.56	2.84
10	2.05	4.5	3.4	1.5	0.5	0.85	1.78	2.75
11	1.24	3.7	2.6	0.8	0.3	0.40	0.74	2.29
12	0.60	2.3	1.4	0.4	0.1	0.09	0.38	0.85
Summary	26.23	59.9	45.2	18.1	6.4	12.70	24.35	35.70

@ 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: 2286 ft. Lat: 40.344° N Lon: 98.866° W

Generated on 08/15/2016

Station: **UPLAND, NE US GHCND:USC00258735**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.1	1.9	1.8	0.7	0.2	0.0	11.3	6.2	3.0	0.1	1.0	3.0	6.0
2	5.2	2.0	1.8	0.8	0.3	-7777	8.9	4.8	2.8	0.3	2.0	4.0	8.0
3	3.2	1.1	1.1	0.5	0.3	0.1	3.4	1.9	1.3	0.4	0.0	2.0	4.0
4	1.1	0.4	0.4	0.1	0.1	0.0	0.7	0.3	0.1	0.0	0.0	0.0	0.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.7	0.1	0.1	-7777	-7777	-7777	0.3	0.1	0.1	0.1	0.0	0.0	0.0
11	2.2	0.8	0.7	0.3	0.1	0.0	2.0	0.7	0.4	0.1	0.0	0.0	3.5
12	4.1	1.9	1.7	0.6	0.1	-7777	9.2	5.3	2.6	0.9	0.0	3.0	6.0
Summary	20.6	8.2	7.6	3.0	1.1	0.1	35.8	19.3	10.3	1.9	3.0	12.0	28.0

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## Summary of Monthly Normals 1981-2010

Elev: 2320 ft. Lat: 40.452° N Lon: 99.380° W

Generated on 08/15/2016

Station: **HOLDREGE, NE US GHCND:USC00253910**

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	36.7	14.6	25.7	6.3	4.8	5.4	0	0	0	0	0	0	910	972	1065	1220	0.0	0.0	5.3	11.3	30.5	3.2
2	40.4	18.2	29.3	6.8	5.0	5.7	-7777	-7777	-7777	0	0	0	720	776	859	999	0.0	0.0	7.6	7.8	25.9	2.1
3	50.9	26.3	38.6	5.0	3.6	3.9	7	4	1	-7777	-7777	0	515	574	665	819	0.0	-7777	16.7	3.2	22.2	0.5
4	62.4	36.3	49.4	4.8	2.7	3.4	55	39	22	7	1	1	224	269	341	476	0.0	0.3	24.5	0.3	9.1	0.0
5	71.8	48.0	59.9	3.9	2.7	3.1	199	157	104	43	11	6	47	67	107	201	0.0	1.0	30.6	0.0	0.6	0.0
6	82.2	58.0	70.1	3.5	2.7	3.0	455	397	312	185	85	57	2	4	9	32	0.4	5.8	30.0	0.0	0.0	0.0
7	87.0	63.1	75.0	2.9	1.8	2.2	621	559	467	315	175	128	0	-7777	-7777	3	1.0	11.1	31.0	0.0	0.0	0.0
8	85.0	61.3	73.1	3.7	2.3	2.9	563	501	409	262	134	94	-7777	-7777	2	9	0.4	8.6	31.0	0.0	0.0	0.0
9	77.3	51.6	64.4	3.3	2.5	2.7	304	254	186	94	36	22	21	31	53	111	0.1	2.8	29.7	0.0	0.2	0.0
10	64.5	39.2	51.9	3.4	2.1	2.4	74	53	29	8	2	1	172	212	282	416	0.0	0.2	27.3	0.3	5.7	0.0
11	49.4	26.5	38.0	5.7	3.9	4.5	5	2	1	-7777	0	0	517	574	662	811	0.0	0.0	14.8	3.1	21.8	0.1
12	37.6	16.8	27.2	6.2	5.3	5.6	0	0	0	0	0	0	862	924	1017	1172	0.0	0.0	5.5	9.9	30.2	2.4
Summary	62.1	38.3	50.2	4.6	3.3	3.7	2283	1966	1531	914	444	309	3990	4403	5062	6269	1.9	29.8	254.0	35.9	146.2	8.3

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2320 ft. Lat: 40.452° N Lon: 99.380° W

Generated on 08/15/2016

Station: **HOLDREGE, NE US GHCND:USC00253910**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.49	3.1	1.2	0.3	0.0	0.19	0.44	0.69
2	0.58	3.4	1.9	0.3	-7777	0.17	0.45	0.93
3	1.93	6.1	3.8	1.2	0.5	0.75	2.00	2.59
4	2.28	7.3	4.7	1.6	0.5	1.32	2.09	2.83
5	4.48	10.8	7.6	3.0	1.2	3.00	4.71	5.46
6	3.95	9.2	6.7	2.5	1.1	2.04	3.90	5.14
7	4.18	7.5	5.7	2.5	1.4	1.14	2.68	7.04
8	3.44	7.4	5.4	2.3	1.1	1.83	3.15	4.57
9	2.05	6.1	4.4	1.4	0.4	1.01	1.72	2.96
10	1.98	5.5	3.6	1.6	0.4	0.72	1.42	2.44
11	1.06	4.1	2.3	0.7	0.2	0.32	0.64	1.80
12	0.58	3.1	1.8	0.3	-7777	0.12	0.39	0.79
Summary	27.00	73.6	49.1	17.7	6.8	12.61	23.59	37.24

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 2320 ft. Lat: 40.452° N Lon: 99.380° W

Generated on 08/15/2016

Station: **HOLDREGE, NE US GHCND:USC00253910**

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	2.9	1.9	0.7	0.3	0.0	12.4	6.2	3.2	0.4	2.0	5.1	9.1
2	5.6	2.5	1.8	0.7	0.3	-7777	10.2	4.7	2.9	0.5	1.5	4.0	8.5
3	5.2	2.3	1.5	0.5	0.3	0.1	4.0	2.0	1.1	0.5	1.4	3.4	6.3
4	1.9	0.9	0.6	0.2	0.1	0.0	1.1	0.4	0.1	0.0	0.0	0.0	1.4
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.3	-7777	-7777	-7777	-7777	0.0	0.1	0.1	-7777	0.0	0.0	0.0	0.0
10	0.7	0.4	0.2	0.1	-7777	0.0	0.5	0.1	0.1	0.0	0.0	0.0	0.0
11	2.8	1.5	0.9	0.2	0.2	-7777	2.9	1.2	0.6	0.1	0.0	2.0	4.0
12	4.8	2.8	1.8	0.6	0.1	-7777	8.9	4.7	2.4	1.2	1.2	4.0	6.9
Summary	26.9	13.3	8.7	3.0	1.3	0.1	40.1	19.4	10.4	2.7	6.1	18.5	36.2

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## Summary of Monthly Normals 1981-2010

Elev: 2320 ft. Lat: 40.452° N Lon: 99.380° W

Generated on 08/15/2016

Station: **HOLDREGE, NE US GHCND:USC00253910**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	27	116	309	617	903	1086	1027	734	385	100	12
45	3	9	57	196	465	753	931	872	586	258	50	2
50	-7777	2	23	112	322	604	776	718	441	152	20	-7777
55	0	-7777	7	55	199	455	621	563	304	74	5	0
60	0	-7777	1	22	104	312	467	409	186	29	1	0
Growing Degree Units for Corn (Monthly)												
50/86	19	32	100	207	366	579	721	677	456	242	78	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	40	156	465	1082	1985	3071	4098	4832	5217	5317	5329
45	3	12	69	265	730	1483	2414	3286	3872	4130	4180	4182
50	0	2	25	137	459	1063	1839	2557	2998	3150	3170	3170
55	0	0	7	62	261	716	1337	1900	2204	2278	2283	2283
60	0	0	1	23	127	439	906	1315	1501	1530	1531	1531
Growing Degree Units for Corn (Monthly)												
50/86	19	51	151	358	724	1303	2024	2701	3157	3399	3477	3493

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

**M** indicates the value is missing

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