

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1480 ft. Lat: 40.175° N Lon: 97.590° W
 Station: **HEBRON, NE US GHCND:USC00253735**

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/14	5/09	5/06	5/04	5/01	4/30	4/28	4/25	4/20
32	5/05	5/01	4/29	4/26	4/24	4/21	4/18	4/15	4/10
28	4/26	4/23	4/20	4/17	4/14	4/11	4/08	4/05	4/01
24	4/19	4/14	4/10	4/08	4/05	4/03	3/31	3/27	3/21
20	4/10	4/06	4/03	3/31	3/28	3/24	3/20	3/16	3/11
16	4/03	3/30	3/24	3/20	3/17	3/13	3/10	3/05	3/01

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/19	9/24	9/27	9/29	10/01	10/04	10/07	10/10	10/15
32	9/25	9/30	10/04	10/08	10/11	10/14	10/17	10/20	10/24
28	10/04	10/11	10/15	10/19	10/22	10/24	10/27	10/30	11/03
24	10/14	10/21	10/24	10/28	10/31	11/02	11/05	11/08	11/13
20	10/22	10/28	11/01	11/04	11/07	11/10	11/14	11/18	11/24
16	10/30	11/05	11/09	11/13	11/16	11/20	11/24	11/29	12/06

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	169	163	158	154	150	147	143	139	133
32	189	182	177	173	169	165	160	155	149
28	209	202	197	193	189	185	180	175	168
24	227	220	215	211	207	203	198	193	185
20	248	240	234	229	225	221	216	211	203
16	270	261	254	249	244	239	234	228	219

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1110 ft. Lat: 40.354° N Lon: 96.194° W
 Station: **TECUMSEH, NE US GHCND:USC00258465**

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/21	5/14	5/10	5/07	5/04	5/01	4/29	4/26	4/23
32	5/08	5/04	5/01	4/28	4/26	4/23	4/21	4/18	4/13
28	4/30	4/25	4/22	4/19	4/17	4/14	4/11	4/08	4/03
24	4/21	4/16	4/12	4/10	4/07	4/04	4/02	3/30	3/23
20	4/12	4/07	4/04	4/01	3/29	3/26	3/22	3/18	3/12
16	4/04	3/30	3/25	3/21	3/18	3/14	3/11	3/07	3/02

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/16	9/20	9/23	9/25	9/28	9/30	10/03	10/06	10/10
32	9/22	9/27	9/30	10/03	10/06	10/09	10/12	10/16	10/21
28	9/29	10/05	10/10	10/14	10/17	10/20	10/23	10/26	10/31
24	10/10	10/17	10/21	10/25	10/28	10/31	11/02	11/06	11/11
20	10/20	10/27	11/01	11/03	11/06	11/09	11/12	11/16	11/22
16	10/31	11/04	11/08	11/12	11/15	11/19	11/23	11/28	12/04

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	162	156	151	147	144	140	136	131	125
32	181	174	170	165	161	157	153	148	141
28	202	195	190	186	181	177	172	167	159
24	223	216	211	206	202	198	193	188	181
20	244	236	230	226	221	217	212	207	199
16	267	258	252	247	242	237	232	226	218

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

Summary of Annual Normals
1981-2010

Generated on 08/15/2016

Elev: 1189 ft. Lat: 40.112° N Lon: 96.152° W
 Station: **PAWNEE CITY, NE US GHCND:USC00256570**

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/13	5/07	5/04	5/02	4/30	4/28	4/25	4/22	4/18
32	5/04	4/30	4/27	4/25	4/22	4/20	4/17	4/14	4/09
28	4/26	4/22	4/19	4/16	4/13	4/10	4/07	4/04	3/31
24	4/18	4/13	4/10	4/07	4/04	4/01	3/30	3/26	3/20
20	4/10	4/05	4/01	3/30	3/27	3/23	3/19	3/15	3/09
16	3/31	3/26	3/22	3/18	3/15	3/12	3/08	3/04	2/28

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/19	9/24	9/27	9/30	10/02	10/04	10/07	10/10	10/14
32	9/26	10/01	10/05	10/08	10/12	10/14	10/17	10/21	10/24
28	10/04	10/11	10/15	10/19	10/22	10/24	10/27	10/30	11/03
24	10/15	10/22	10/26	10/29	11/01	11/03	11/06	11/09	11/15
20	10/26	11/01	11/03	11/06	11/09	11/13	11/16	11/21	11/27
16	11/03	11/08	11/12	11/16	11/19	11/23	11/27	12/01	12/07

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	171	165	160	156	153	149	145	140	134
32	189	183	178	174	170	166	162	157	150
28	209	202	197	193	189	185	180	175	167
24	230	223	218	213	209	205	200	194	187
20	252	243	238	232	228	223	219	213	205
16	272	264	259	253	248	244	239	233	225

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 980 ft. Lat: 40.080° N Lon: 95.592° W
 Station: **FALLS CITY BRENNER FIELD, NE US GHCND:USW00094957**

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/08	5/04	5/01	4/29	4/27	4/24	4/21	4/18	4/14
32	5/01	4/27	4/23	4/20	4/18	4/15	4/12	4/09	4/04
28	4/22	4/17	4/14	4/11	4/08	4/06	4/03	3/31	3/26
24	4/14	4/09	4/05	4/02	3/31	3/28	3/24	3/20	3/15
20	4/05	3/31	3/27	3/23	3/20	3/17	3/13	3/08	3/02
16	3/25	3/20	3/16	3/12	3/09	3/06	3/02	2/28	2/20

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/19	9/23	9/27	9/30	10/02	10/05	10/08	10/12	10/17
32	9/27	10/01	10/06	10/10	10/13	10/16	10/19	10/23	10/27
28	10/06	10/13	10/18	10/21	10/24	10/27	10/31	11/03	11/07
24	10/19	10/24	10/29	11/01	11/04	11/06	11/09	11/14	11/19
20	10/29	11/02	11/06	11/10	11/13	11/17	11/21	11/25	12/01
16	11/05	11/11	11/15	11/20	11/24	11/28	12/01	12/05	12/11

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	177	170	165	161	157	153	149	144	138
32	198	191	186	181	176	172	168	162	155
28	218	211	206	201	197	193	188	183	175
24	239	232	226	221	217	213	208	203	195
20	261	253	247	242	237	233	228	222	214
16	283	274	268	263	258	253	248	242	233

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1788 ft. Lat: 40.521° N Lon: 98.054° W
 Station: **CLAY CENTER, NE US GHCND:USC00251684**

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/18	5/12	5/08	5/05	5/03	5/01	4/29	4/26	4/22
32	5/08	5/03	4/30	4/28	4/25	4/23	4/20	4/16	4/12
28	4/30	4/26	4/22	4/19	4/16	4/13	4/10	4/06	4/02
24	4/22	4/17	4/13	4/09	4/06	4/03	4/01	3/28	3/22
20	4/13	4/08	4/04	4/01	3/29	3/25	3/21	3/17	3/11
16	4/06	4/01	3/27	3/23	3/19	3/16	3/12	3/07	3/02

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/18	9/22	9/26	9/29	10/01	10/04	10/07	10/11	10/15
32	9/23	9/28	10/02	10/06	10/10	10/14	10/17	10/20	10/24
28	9/30	10/07	10/13	10/17	10/21	10/23	10/26	10/29	11/02
24	10/12	10/20	10/24	10/27	10/30	11/01	11/05	11/08	11/14
20	10/24	10/30	11/02	11/05	11/08	11/11	11/15	11/19	11/25
16	11/02	11/07	11/11	11/14	11/18	11/21	11/25	11/30	12/05

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	168	162	157	153	149	145	141	136	129
32	186	179	175	170	166	162	158	152	145
28	207	200	195	190	186	181	177	171	163
24	227	221	215	211	206	202	198	192	184
20	248	240	235	230	225	221	216	211	203
16	268	260	254	249	244	239	234	228	220

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1630 ft. Lat: 40.531° N Lon: 97.596° W
 Station: **GENEVA, NE US GHCND:USC00253175**

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/10	5/06	5/03	5/01	4/29	4/27	4/24	4/21	4/16
32	5/02	4/28	4/25	4/22	4/20	4/17	4/15	4/12	4/07
28	4/23	4/19	4/16	4/13	4/11	4/08	4/05	4/02	3/29
24	4/17	4/12	4/08	4/05	4/02	3/31	3/28	3/23	3/17
20	4/08	4/03	3/31	3/28	3/25	3/21	3/17	3/13	3/08
16	4/01	3/27	3/22	3/18	3/15	3/12	3/08	3/04	2/28

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/20	9/26	9/29	10/02	10/04	10/08	10/11	10/14	10/18
32	9/28	10/03	10/08	10/12	10/15	10/18	10/21	10/24	10/27
28	10/08	10/15	10/19	10/22	10/25	10/27	10/30	11/02	11/07
24	10/19	10/24	10/28	10/31	11/03	11/05	11/09	11/12	11/17
20	10/26	11/01	11/05	11/08	11/11	11/14	11/18	11/22	11/28
16	11/03	11/09	11/13	11/16	11/20	11/24	11/28	12/02	12/08

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	176	170	165	162	158	154	150	146	139
32	196	190	185	181	177	173	168	164	156
28	216	209	204	200	196	192	188	183	176
24	236	228	223	219	215	211	206	201	193
20	255	247	242	237	232	228	223	218	210
16	274	266	260	255	250	246	240	234	225

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1100 ft. Lat: 40.666° N Lon: 96.189° W
 Station: SYRACUSE, NE US GHCND:USC00258395

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/16	5/10	5/07	5/04	5/02	4/30	4/28	4/25	4/21
32	5/06	5/02	4/30	4/27	4/25	4/22	4/19	4/16	4/12
28	4/29	4/25	4/21	4/19	4/16	4/13	4/10	4/07	4/03
24	4/20	4/16	4/12	4/09	4/07	4/04	4/01	3/29	3/23
20	4/12	4/08	4/04	4/01	3/30	3/27	3/22	3/18	3/12
16	4/04	3/31	3/26	3/22	3/18	3/15	3/11	3/06	3/01

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/16	9/20	9/24	9/26	9/29	10/01	10/04	10/07	10/11
32	9/23	9/28	10/01	10/04	10/08	10/11	10/14	10/18	10/22
28	10/01	10/07	10/12	10/16	10/19	10/22	10/24	10/27	11/01
24	10/12	10/19	10/22	10/26	10/28	11/01	11/03	11/06	11/12
20	10/21	10/27	11/01	11/03	11/06	11/09	11/12	11/16	11/22
16	10/30	11/04	11/08	11/12	11/15	11/18	11/23	11/28	12/04

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	165	159	154	151	147	144	140	135	129
32	184	177	173	169	165	161	157	152	145
28	204	198	193	189	184	180	176	171	163
24	225	217	213	208	204	200	196	191	183
20	245	237	231	226	222	218	213	208	200
16	267	258	252	247	242	237	231	225	217

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1055 ft. Lat: 40.699° N Lon: 95.887° W
 Station: **NEBRASKA CITY 2 NW, NE US GHCND:USC00255810**

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/10	5/05	5/02	4/30	4/28	4/25	4/22	4/19	4/15
32	5/01	4/27	4/23	4/20	4/18	4/15	4/12	4/09	4/04
28	4/22	4/17	4/13	4/10	4/08	4/05	4/03	3/31	3/25
24	4/13	4/08	4/05	4/02	3/31	3/29	3/24	3/20	3/14
20	4/05	4/01	3/28	3/24	3/21	3/17	3/14	3/09	3/04
16	3/28	3/22	3/18	3/14	3/11	3/08	3/05	3/02	2/24

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/23	9/27	10/01	10/03	10/06	10/09	10/12	10/16	10/20
32	10/01	10/07	10/11	10/14	10/18	10/21	10/23	10/27	10/31
28	10/12	10/19	10/22	10/25	10/28	11/01	11/03	11/06	11/11
24	10/21	10/27	11/01	11/03	11/06	11/09	11/12	11/16	11/22
20	11/01	11/05	11/09	11/12	11/15	11/19	11/23	11/27	12/03
16	11/07	11/13	11/18	11/22	11/26	11/30	12/03	12/07	12/12

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	179	173	168	164	160	156	152	147	141
32	201	194	189	185	181	177	172	167	160
28	222	215	210	206	202	198	194	188	181
24	243	235	229	225	220	216	212	206	199
20	263	256	250	245	240	235	230	224	217
16	282	274	269	263	258	254	249	243	234

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1640 ft. Lat: 40.642° N Lon: 97.593° W
 Station: FAIRMONT, NE US GHCND:USC00252840

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/13	5/08	5/05	5/03	5/01	4/29	4/27	4/24	4/20
32	5/04	5/01	4/28	4/26	4/23	4/21	4/18	4/14	4/10
28	4/26	4/23	4/20	4/17	4/14	4/11	4/08	4/05	3/31
24	4/18	4/14	4/10	4/08	4/05	4/03	3/31	3/27	3/21
20	4/11	4/06	4/03	3/31	3/29	3/25	3/21	3/17	3/11
16	4/04	3/31	3/26	3/22	3/19	3/15	3/12	3/07	3/03

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/19	9/23	9/27	9/30	10/02	10/05	10/08	10/11	10/15
32	9/25	9/30	10/04	10/08	10/11	10/14	10/17	10/20	10/24
28	10/02	10/09	10/14	10/18	10/21	10/23	10/26	10/29	11/02
24	10/14	10/20	10/24	10/27	10/30	11/01	11/04	11/08	11/13
20	10/22	10/29	11/01	11/04	11/07	11/10	11/13	11/17	11/23
16	10/31	11/05	11/09	11/12	11/16	11/19	11/24	11/28	12/04

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	170	164	160	156	152	149	145	141	134
32	189	182	178	174	170	167	162	157	151
28	208	202	197	193	189	185	180	176	168
24	228	221	216	211	208	204	199	194	187
20	246	239	233	229	225	221	216	211	203
16	266	258	252	247	242	237	232	227	219

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1350 ft. Lat: 40.074° N Lon: 97.167° W
 Station: **FAIRBURY 5 S, NE US GHCND:USC00252820**

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/16	5/10	5/07	5/04	5/02	4/30	4/27	4/24	4/20
32	5/06	5/02	4/29	4/26	4/24	4/21	4/18	4/15	4/10
28	4/27	4/23	4/19	4/16	4/13	4/11	4/08	4/04	3/31
24	4/18	4/13	4/09	4/06	4/04	4/01	3/30	3/25	3/20
20	4/08	4/04	4/01	3/30	3/26	3/22	3/18	3/14	3/09
16	4/01	3/27	3/22	3/18	3/15	3/12	3/08	3/04	2/28

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/19	9/24	9/27	9/30	10/02	10/05	10/08	10/11	10/16
32	9/26	10/01	10/05	10/09	10/12	10/15	10/19	10/22	10/26
28	10/04	10/12	10/16	10/20	10/23	10/26	10/29	11/01	11/05
24	10/17	10/23	10/27	10/31	11/01	11/04	11/07	11/10	11/16
20	10/26	11/01	11/04	11/07	11/10	11/13	11/16	11/21	11/28
16	11/02	11/08	11/12	11/16	11/20	11/24	11/28	12/02	12/08

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	169	163	159	155	151	148	144	139	133
32	190	183	178	174	170	166	161	156	149
28	211	204	199	195	191	186	181	176	168
24	231	224	219	214	211	206	202	197	189
20	253	244	239	234	229	225	220	214	207
16	274	266	260	254	249	244	238	232	224

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

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

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

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/12	5/08	5/05	5/02	4/30	4/28	4/26	4/23	4/18
32	5/04	5/01	4/28	4/25	4/22	4/20	4/17	4/14	4/09
28	4/28	4/23	4/20	4/17	4/14	4/11	4/08	4/05	4/01
24	4/19	4/14	4/11	4/08	4/05	4/02	3/31	3/27	3/22
20	4/11	4/06	4/02	3/31	3/28	3/25	3/22	3/17	3/12
16	4/02	3/29	3/25	3/22	3/19	3/15	3/12	3/08	3/03

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/19	9/24	9/27	9/29	10/02	10/04	10/07	10/10	10/15
32	9/25	9/30	10/04	10/08	10/11	10/14	10/17	10/20	10/24
28	10/03	10/09	10/14	10/18	10/21	10/23	10/26	10/30	11/03
24	10/14	10/20	10/24	10/28	10/31	11/02	11/05	11/09	11/14
20	10/23	10/30	11/02	11/05	11/08	11/11	11/14	11/19	11/25
16	11/01	11/05	11/09	11/13	11/16	11/20	11/24	11/29	12/06

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	171	165	161	157	154	150	146	142	135
32	190	184	179	175	171	167	162	157	151
28	210	203	198	193	189	185	180	176	168
24	229	222	217	212	208	204	199	194	186
20	248	240	235	230	226	221	217	212	204
16	267	259	253	248	243	238	233	228	220

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

Summary of Annual Normals
1981-2010

Generated on 08/15/2016

Elev: 1297 ft. Lat: 40.299° N Lon: 96.750° W
 Station: **BEATRICE 1 N, NE US GHCND:USC00250622**

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/15	5/09	5/06	5/04	5/02	4/30	4/28	4/25	4/21
32	5/05	5/02	4/30	4/27	4/24	4/21	4/18	4/15	4/10
28	4/28	4/23	4/20	4/17	4/14	4/12	4/09	4/05	4/01
24	4/19	4/14	4/10	4/08	4/05	4/03	3/31	3/28	3/21
20	4/10	4/05	4/02	3/31	3/28	3/24	3/20	3/15	3/10
16	4/03	3/30	3/24	3/21	3/17	3/13	3/09	3/05	2/28

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/18	9/23	9/26	9/29	10/01	10/03	10/06	10/10	10/15
32	9/24	9/30	10/03	10/07	10/11	10/14	10/17	10/20	10/24
28	10/02	10/10	10/14	10/19	10/21	10/24	10/27	10/31	11/04
24	10/14	10/21	10/25	10/28	11/01	11/03	11/06	11/09	11/15
20	10/25	10/31	11/03	11/06	11/09	11/12	11/16	11/20	11/27
16	11/01	11/07	11/11	11/15	11/18	11/23	11/27	12/01	12/07

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	168	162	157	154	150	147	143	138	132
32	188	181	176	172	168	164	160	155	148
28	209	202	197	193	188	184	179	174	166
24	229	222	217	213	209	205	200	195	187
20	251	243	237	232	227	223	218	213	206
16	272	263	257	251	247	242	237	230	222

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1617 ft. Lat: 40.027° N Lon: 98.069° W
 Station: **SUPERIOR, NE US GHCND:USC00258320**

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/19	5/14	5/10	5/07	5/05	5/03	4/30	4/28	4/25
32	5/09	5/05	5/02	4/30	4/28	4/26	4/23	4/20	4/16
28	5/01	4/28	4/25	4/22	4/20	4/17	4/15	4/11	4/07
24	4/23	4/19	4/16	4/13	4/10	4/08	4/05	4/02	3/29
20	4/16	4/11	4/07	4/04	4/02	3/31	3/27	3/22	3/17
16	4/07	4/02	3/30	3/27	3/23	3/20	3/16	3/12	3/06

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/15	9/19	9/22	9/25	9/27	9/29	10/01	10/04	10/08
32	9/20	9/26	9/29	10/01	10/04	10/07	10/10	10/13	10/18
28	9/29	10/03	10/08	10/12	10/15	10/18	10/20	10/24	10/28
24	10/07	10/14	10/18	10/22	10/25	10/27	10/30	11/02	11/06
20	10/18	10/24	10/28	10/31	11/02	11/05	11/08	11/12	11/17
16	10/28	11/01	11/05	11/08	11/11	11/14	11/18	11/22	11/28

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	158	153	149	145	142	139	135	131	125
32	176	170	165	161	158	154	150	146	140
28	196	189	184	180	177	172	168	163	156
24	215	209	204	200	196	192	188	183	175
20	235	228	223	219	214	210	206	200	193
16	256	248	242	237	233	228	224	218	211

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data

Summary of Annual Normals
1981-2010

Generated on 08/15/2016

Elev: 930 ft. Lat: 40.370° N Lon: 95.747° W
 Station: **AUBURN 5 ESE, NE US GHCND:USC00250435**

Freeze Data

Spring Freeze Dates (Month/Day)

Temp (F)	Probability of later date in spring (through Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	5/14	5/09	5/05	5/02	4/30	4/28	4/26	4/23	4/19
32	5/05	5/01	4/28	4/26	4/23	4/20	4/17	4/14	4/10
28	4/28	4/23	4/20	4/17	4/14	4/11	4/08	4/04	3/31
24	4/19	4/14	4/10	4/07	4/04	4/01	3/29	3/25	3/19
20	4/10	4/05	4/01	3/29	3/25	3/21	3/17	3/13	3/07
16	3/31	3/25	3/20	3/17	3/13	3/10	3/06	3/03	2/26

Fall Freeze Dates (Month/Day)

Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	9/16	9/20	9/23	9/26	9/29	10/01	10/04	10/07	10/12
32	9/22	9/28	10/01	10/04	10/08	10/11	10/14	10/18	10/22
28	10/01	10/07	10/12	10/15	10/19	10/22	10/25	10/28	11/02
24	10/12	10/19	10/23	10/27	10/31	11/02	11/05	11/09	11/14
20	10/24	10/31	11/03	11/06	11/09	11/12	11/16	11/20	11/27
16	11/03	11/08	11/12	11/16	11/19	11/24	11/28	12/01	12/07

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	167	161	156	152	149	145	141	136	129
32	187	180	175	170	166	162	158	153	145
28	208	201	196	191	187	182	177	171	164
24	230	222	217	212	208	204	199	194	186
20	253	245	239	234	229	225	220	214	206
16	275	267	261	256	251	246	241	235	226

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

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

blank: missing or insufficient data