

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1732 ft. Lat: 40.098° N Lon: 98.520° W
 Station: RED CLOUD, NE US GHCND:USC00257070

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	5/24	5/17	5/13	5/10	5/07	5/05	5/02	4/30	4/27
32	5/13	5/07	5/04	5/02	4/30	4/28	4/26	4/23	4/18
28	5/03	4/30	4/27	4/24	4/22	4/19	4/16	4/13	4/08
24	4/26	4/22	4/18	4/15	4/12	4/09	4/06	4/03	3/31
20	4/16	4/11	4/07	4/05	4/02	3/31	3/28	3/24	3/18
16	4/06	4/02	3/30	3/27	3/23	3/20	3/16	3/12	3/05

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	9/24	9/26	9/29	10/01	10/04	10/08
32	9/21	9/25	9/28	10/01	10/03	10/05	10/09	10/13	10/18
28	9/27	10/01	10/05	10/09	10/13	10/16	10/19	10/23	10/27
24	10/04	10/11	10/16	10/19	10/22	10/26	10/29	11/01	11/05
20	10/14	10/21	10/26	10/30	11/01	11/03	11/06	11/10	11/16
16	10/25	10/31	11/03	11/06	11/10	11/13	11/17	11/22	11/27

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	157	151	147	143	139	136	132	127	121
32	174	168	163	159	156	152	148	143	137
28	193	186	182	177	173	169	165	160	153
24	212	206	201	197	192	188	184	178	170
20	234	226	221	216	212	208	204	198	190
16	256	247	241	236	232	227	222	217	209

* 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: 1961 ft. Lat: 40.600° N Lon: 98.426° W
 Station: **HASTINGS MUNICIPAL AIRPORT, NE US GHCND:USW00094949**

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	5/11	5/07	5/04	5/01	4/30	4/28	4/25	4/22	4/18
32	5/03	4/30	4/27	4/24	4/21	4/19	4/16	4/13	4/09
28	4/25	4/21	4/18	4/15	4/12	4/09	4/07	4/03	3/31
24	4/18	4/13	4/09	4/06	4/03	4/01	3/28	3/24	3/18
20	4/08	4/03	3/31	3/28	3/24	3/21	3/17	3/13	3/07
16	4/01	3/26	3/22	3/18	3/15	3/11	3/07	3/03	2/27

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	9/22	9/27	9/30	10/02	10/05	10/08	10/10	10/14	10/18
32	9/29	10/04	10/08	10/12	10/14	10/17	10/20	10/23	10/26
28	10/09	10/15	10/19	10/21	10/24	10/26	10/29	11/01	11/05
24	10/19	10/24	10/27	10/30	11/01	11/04	11/07	11/11	11/16
20	10/26	11/01	11/04	11/07	11/10	11/14	11/17	11/22	11/28
16	11/01	11/07	11/12	11/16	11/19	11/23	11/27	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	174	168	164	160	157	153	149	145	138
32	193	186	182	178	174	171	167	162	155
28	213	206	201	197	194	190	186	181	174
24	234	227	221	217	213	209	204	199	192
20	255	247	241	236	232	227	222	216	209
16	276	267	261	255	250	245	240	234	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: 2148 ft. Lat: 40.130° N Lon: 99.828° W
 Station: **BEAVER CITY, NE US GHCND:USC00250640**

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	5/29	5/23	5/18	5/14	5/11	5/08	5/06	5/03	4/30
32	5/17	5/11	5/07	5/04	5/02	4/30	4/28	4/25	4/21
28	5/07	5/03	4/30	4/27	4/25	4/22	4/19	4/16	4/13
24	4/30	4/24	4/21	4/18	4/15	4/13	4/10	4/07	4/03
20	4/20	4/15	4/12	4/09	4/06	4/03	3/31	3/28	3/23
16	4/12	4/07	4/03	3/31	3/28	3/24	3/20	3/15	3/10

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	9/14	9/18	9/21	9/23	9/25	9/28	9/30	10/02	10/05
32	9/20	9/24	9/27	9/30	10/02	10/04	10/07	10/10	10/15
28	9/26	10/01	10/04	10/07	10/10	10/13	10/16	10/19	10/23
24	10/02	10/09	10/13	10/17	10/19	10/22	10/25	10/28	11/01
20	10/13	10/19	10/23	10/26	10/28	10/31	11/03	11/06	11/11
16	10/21	10/27	10/31	11/03	11/06	11/09	11/12	11/16	11/22

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	151	146	142	138	135	131	127	122	115
32	168	162	158	154	151	147	143	139	132
28	186	180	176	172	168	164	160	155	148
24	205	199	194	190	186	182	177	172	165
20	225	218	213	209	205	201	196	191	184
16	246	239	234	229	225	220	215	210	202

* 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: 1861 ft. Lat: 40.095° N Lon: 98.945° W
 Station: **FRANKLIN NUMBER 2, NE US GHCND:USC00253037**

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	5/15	5/10	5/07	5/05	5/03	5/01	4/28	4/24
32	5/10	5/05	5/02	4/30	4/28	4/25	4/22	4/18	4/14
28	5/01	4/27	4/24	4/21	4/18	4/15	4/12	4/09	4/04
24	4/22	4/18	4/14	4/11	4/08	4/05	4/02	3/30	3/24
20	4/14	4/09	4/05	4/02	3/31	3/27	3/23	3/18	3/13
16	4/06	3/31	3/27	3/23	3/19	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	9/18	9/22	9/25	9/27	9/30	10/01	10/04	10/07	10/11
32	9/23	9/28	10/01	10/04	10/07	10/10	10/13	10/16	10/21
28	9/30	10/06	10/11	10/15	10/18	10/20	10/23	10/26	10/29
24	10/10	10/18	10/21	10/24	10/27	10/29	11/01	11/04	11/09
20	10/21	10/27	10/30	11/01	11/04	11/07	11/10	11/13	11/19
16	10/29	11/03	11/07	11/10	11/13	11/16	11/19	11/23	11/29

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	152	149	145	142	138	133	126
32	181	175	170	166	162	158	154	149	143
28	201	195	190	186	181	177	173	168	160
24	221	214	209	205	201	197	193	188	180
20	242	234	229	224	220	215	211	206	198
16	263	255	249	244	239	234	229	223	214

* 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: 2160 ft. Lat: 40.516° N Lon: 98.951° W
 Station: **MINDEN, NE US GHCND:USC00255565**

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	5/13	5/10	5/07	5/05	5/03	5/02	4/30	4/26
32	5/09	5/05	5/03	5/01	4/29	4/27	4/24	4/21	4/17
28	5/03	4/29	4/26	4/23	4/21	4/18	4/15	4/12	4/08
24	4/25	4/21	4/18	4/15	4/12	4/09	4/06	4/03	3/29
20	4/18	4/13	4/09	4/06	4/03	3/31	3/28	3/23	3/16
16	4/09	4/04	4/01	3/28	3/24	3/20	3/16	3/11	3/05

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	9/20	9/23	9/26	9/28	10/01	10/03	10/06	10/11
32	9/21	9/26	9/30	10/03	10/06	10/09	10/12	10/16	10/20
28	9/28	10/03	10/08	10/12	10/15	10/19	10/22	10/25	10/29
24	10/06	10/14	10/19	10/22	10/24	10/27	10/30	11/02	11/08
20	10/17	10/23	10/27	10/30	11/02	11/05	11/08	11/12	11/18
16	10/25	10/31	11/03	11/07	11/10	11/14	11/18	11/22	11/29

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	160	154	150	147	143	140	136	132	126
32	177	171	167	163	159	155	151	146	140
28	196	190	185	180	176	172	168	163	155
24	215	208	204	199	195	191	186	181	173
20	235	228	222	217	213	209	204	199	191
16	257	248	242	237	232	227	222	217	208

* 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: 2240 ft. Lat: 40.312° N Lon: 99.290° W
 Station: **RAGAN, NE US GHCND:USC00257002**

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	5/11	5/07	5/05	5/03	5/01	4/30	4/27	4/23
32	5/07	5/03	4/30	4/28	4/26	4/23	4/20	4/17	4/12
28	4/29	4/25	4/22	4/19	4/16	4/13	4/10	4/06	4/01
24	4/20	4/15	4/12	4/09	4/05	4/03	3/31	3/27	3/21
20	4/12	4/06	4/03	3/31	3/28	3/24	3/20	3/15	3/10
16	4/03	3/29	3/24	3/20	3/16	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	9/24	9/28	9/30	10/03	10/05	10/08	10/12	10/16
32	9/26	10/01	10/04	10/08	10/11	10/15	10/18	10/21	10/25
28	10/03	10/10	10/15	10/18	10/21	10/24	10/27	10/30	11/04
24	10/14	10/20	10/24	10/27	10/30	11/02	11/05	11/10	11/15
20	10/23	10/29	11/01	11/05	11/08	11/12	11/16	11/20	11/25
16	11/01	11/05	11/10	11/14	11/17	11/21	11/25	11/30	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	168	162	158	154	150	147	143	138	131
32	188	181	176	172	167	163	159	154	147
28	208	201	196	192	187	183	178	173	165
24	230	222	217	212	208	203	199	193	185
20	251	243	237	232	227	222	217	212	204
16	272	263	257	252	247	241	236	230	221

* 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: 2239 ft. Lat: 40.285° N Lon: 100.143° W
 Station: **CAMBRIDGE, NE US GHCND:USC00251415**

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	5/27	5/22	5/18	5/15	5/12	5/09	5/07	5/04	5/01
32	5/15	5/10	5/07	5/05	5/03	5/01	4/29	4/25	4/21
28	5/05	5/02	4/29	4/26	4/23	4/21	4/18	4/14	4/10
24	4/28	4/22	4/19	4/16	4/13	4/10	4/07	4/03	3/31
20	4/18	4/12	4/08	4/05	4/02	3/31	3/27	3/23	3/16
16	4/08	4/02	3/30	3/26	3/22	3/19	3/14	3/09	3/04

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	9/14	9/18	9/21	9/24	9/26	9/29	10/01	10/03	10/06
32	9/20	9/24	9/28	9/30	10/03	10/05	10/08	10/11	10/15
28	9/25	10/01	10/05	10/08	10/11	10/14	10/17	10/20	10/23
24	10/02	10/10	10/14	10/17	10/20	10/22	10/25	10/28	11/01
20	10/12	10/19	10/22	10/26	10/28	10/31	11/03	11/07	11/12
16	10/20	10/27	10/31	11/03	11/06	11/10	11/13	11/17	11/23

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	151	146	142	138	135	131	127	123	116
32	169	162	158	154	151	147	143	139	133
28	188	182	177	172	168	164	160	155	148
24	209	202	197	193	189	185	180	174	167
20	231	223	218	213	208	204	199	194	185
16	253	245	239	234	229	224	219	213	204

* 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: 2242 ft. Lat: 40.328° N Lon: 99.652° W
 Station: **OXFORD 6 NNW, NE US GHCND:USC00256454**

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	5/15	5/12	5/09	5/07	5/05	5/03	4/30	4/27
32	5/10	5/06	5/03	5/01	4/30	4/27	4/25	4/22	4/17
28	5/03	4/30	4/26	4/23	4/21	4/18	4/15	4/12	4/08
24	4/25	4/20	4/17	4/14	4/11	4/08	4/05	4/02	3/28
20	4/16	4/11	4/08	4/04	4/02	3/31	3/27	3/23	3/16
16	4/08	4/02	3/30	3/26	3/23	3/19	3/15	3/11	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	9/16	9/20	9/23	9/26	9/28	10/01	10/03	10/05	10/10
32	9/22	9/27	9/30	10/03	10/05	10/08	10/12	10/15	10/19
28	9/29	10/04	10/08	10/12	10/15	10/18	10/21	10/24	10/28
24	10/07	10/14	10/18	10/21	10/24	10/27	10/30	11/02	11/08
20	10/17	10/23	10/27	10/30	11/01	11/05	11/08	11/13	11/18
16	10/26	11/01	11/04	11/08	11/11	11/14	11/18	11/22	11/27

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	141	138	135	130	124
32	177	170	165	162	158	154	150	146	140
28	196	189	184	180	176	172	168	162	155
24	216	209	204	200	195	191	187	182	174
20	236	229	223	219	215	210	206	200	192
16	257	249	243	238	234	229	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: 1938 ft. Lat: 40.647° N Lon: 98.384° W
 Station: **HASTINGS 4 N, NE US GHCND:USC00253660**

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	5/10	5/07	5/05	5/02	5/01	4/29	4/26	4/22
32	5/05	5/02	4/30	4/27	4/24	4/22	4/19	4/15	4/11
28	4/29	4/24	4/21	4/18	4/15	4/12	4/09	4/06	4/02
24	4/20	4/16	4/12	4/09	4/06	4/03	4/01	3/28	3/22
20	4/13	4/07	4/03	4/01	3/29	3/25	3/21	3/17	3/11
16	4/04	3/31	3/26	3/22	3/18	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	9/26	9/29	10/01	10/03	10/06	10/09	10/14
32	9/26	10/01	10/04	10/07	10/10	10/13	10/16	10/19	10/23
28	10/04	10/10	10/14	10/17	10/20	10/23	10/25	10/28	11/01
24	10/15	10/20	10/24	10/27	10/30	11/01	11/04	11/07	11/12
20	10/23	10/29	11/01	11/04	11/07	11/10	11/13	11/17	11/22
16	10/30	11/04	11/08	11/12	11/15	11/19	11/23	11/27	12/02

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	157	153	150	147	143	139	132
32	187	180	176	172	168	164	160	156	149
28	206	200	195	191	187	183	179	174	167
24	226	219	214	210	206	202	197	192	185
20	246	238	233	228	224	220	215	210	202
16	265	257	251	246	241	237	232	226	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: 2362 ft. Lat: 40.694° N Lon: 99.701° W
 Station: **CANADAY STEAM PLANT, NE US GHCND:USC00251450**

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	5/11	5/08	5/06	5/04	5/02	4/30	4/28	4/24
32	5/07	5/04	5/01	4/29	4/27	4/24	4/22	4/19	4/15
28	5/01	4/27	4/23	4/20	4/18	4/15	4/12	4/09	4/04
24	4/23	4/18	4/14	4/11	4/09	4/06	4/03	3/31	3/24
20	4/14	4/09	4/05	4/02	3/31	3/26	3/22	3/17	3/12
16	4/06	4/01	3/28	3/23	3/19	3/15	3/11	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	9/18	9/22	9/25	9/28	9/30	10/02	10/04	10/07	10/11
32	9/24	9/29	10/02	10/05	10/08	10/11	10/14	10/18	10/22
28	10/01	10/08	10/13	10/16	10/19	10/21	10/24	10/27	10/31
24	10/11	10/18	10/22	10/25	10/27	10/30	11/01	11/05	11/10
20	10/20	10/27	10/31	11/02	11/05	11/08	11/12	11/15	11/21
16	10/30	11/04	11/07	11/11	11/14	11/18	11/21	11/25	12/01

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	163	158	154	150	147	143	140	135	129
32	183	176	171	168	164	160	156	151	145
28	202	195	191	186	182	178	174	169	161
24	223	215	211	206	202	197	193	188	180
20	244	236	230	226	221	217	212	207	199
16	264	256	250	245	240	235	230	224	216

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

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

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	5/09	5/06	5/04	5/02	4/30	4/27	4/24
32	5/07	5/04	5/01	4/29	4/26	4/24	4/21	4/18	4/14
28	4/30	4/26	4/22	4/19	4/17	4/14	4/11	4/08	4/04
24	4/22	4/17	4/13	4/10	4/07	4/04	4/02	3/30	3/23
20	4/14	4/08	4/04	4/01	3/30	3/25	3/21	3/17	3/11
16	4/05	3/31	3/26	3/22	3/18	3/14	3/10	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	9/18	9/23	9/26	9/29	10/01	10/03	10/06	10/10	10/14
32	9/24	9/29	10/02	10/06	10/09	10/12	10/15	10/19	10/23
28	9/30	10/07	10/13	10/16	10/20	10/22	10/24	10/27	10/31
24	10/11	10/19	10/23	10/26	10/28	10/31	11/02	11/06	11/11
20	10/23	10/28	11/01	11/04	11/07	11/09	11/13	11/16	11/21
16	10/30	11/04	11/08	11/12	11/15	11/18	11/22	11/26	12/01

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	160	155	151	148	145	141	136	130
32	184	178	173	169	165	161	157	152	146
28	204	197	193	188	184	180	176	170	163
24	224	217	212	208	204	200	196	190	182
20	245	238	232	228	223	219	214	208	200
16	265	258	252	247	242	237	232	226	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: 2320 ft. Lat: 40.452° N Lon: 99.380° W
 Station: **HOLDREGE, NE US GHCND:USC00253910**

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	5/11	5/08	5/06	5/03	5/02	4/30	4/27	4/22
32	5/07	5/03	5/01	4/28	4/26	4/23	4/20	4/17	4/13
28	4/29	4/24	4/21	4/18	4/16	4/13	4/10	4/06	4/02
24	4/19	4/15	4/11	4/08	4/05	4/03	3/31	3/28	3/22
20	4/11	4/06	4/02	3/31	3/28	3/24	3/20	3/15	3/10
16	4/03	3/29	3/24	3/20	3/16	3/12	3/09	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	9/21	9/25	9/28	10/01	10/03	10/06	10/09	10/12	10/16
32	9/27	10/02	10/06	10/10	10/13	10/16	10/19	10/21	10/25
28	10/06	10/13	10/17	10/20	10/23	10/25	10/27	10/30	11/04
24	10/17	10/23	10/26	10/29	11/01	11/04	11/06	11/10	11/15
20	10/25	11/01	11/04	11/07	11/10	11/13	11/16	11/19	11/24
16	11/01	11/07	11/11	11/15	11/18	11/21	11/25	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	168	162	158	154	151	147	144	139	133
32	188	181	177	173	169	165	161	156	149
28	209	202	197	193	189	185	181	176	169
24	230	223	217	213	209	205	201	196	189
20	249	242	236	232	227	223	218	213	206
16	269	261	255	250	245	240	235	229	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