

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1155 ft. Lat: 41.143° N Lon: 96.481° W
 Station: **MEAD 6 S, NE US GHCND:USC00255362**

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	5/03	4/30	4/29	4/26	4/21
32	5/08	5/03	4/30	4/28	4/25	4/23	4/20	4/16	4/12
28	4/29	4/24	4/22	4/19	4/16	4/13	4/10	4/07	4/02
24	4/21	4/16	4/12	4/10	4/07	4/04	4/02	3/30	3/24
20	4/13	4/08	4/05	4/01	3/30	3/27	3/23	3/18	3/12
16	4/06	4/01	3/28	3/23	3/19	3/16	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	9/16	9/21	9/24	9/27	9/29	10/01	10/03	10/06	10/10
32	9/24	9/28	10/01	10/04	10/06	10/09	10/12	10/16	10/21
28	10/01	10/06	10/10	10/13	10/16	10/20	10/23	10/26	10/30
24	10/10	10/16	10/20	10/24	10/26	10/30	11/01	11/05	11/10
20	10/17	10/25	10/30	11/01	11/04	11/07	11/11	11/14	11/20
16	10/26	11/01	11/06	11/09	11/13	11/16	11/20	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	164	158	153	150	146	143	139	134	127
32	183	176	172	167	163	160	155	151	144
28	203	196	191	187	182	178	174	169	162
24	222	215	210	206	202	198	193	188	181
20	242	234	228	223	219	215	210	205	196
16	262	253	247	242	237	232	227	220	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: 1520 ft. Lat: 41.718° N Lon: 97.003° W
 Station: **HOWELLS, NE US GHCND:USC00254035**

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

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	9/19	9/21	9/24	9/27	9/29	10/01	10/04	10/08
32	9/21	9/25	9/29	10/01	10/04	10/07	10/10	10/14	10/18
28	9/27	10/02	10/07	10/11	10/14	10/17	10/20	10/23	10/27
24	10/06	10/13	10/18	10/21	10/24	10/27	10/30	11/02	11/07
20	10/17	10/23	10/27	10/31	11/03	11/06	11/09	11/13	11/18
16	10/26	11/01	11/05	11/09	11/12	11/15	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	159	153	149	145	141	138	134	129	123
32	177	171	166	162	158	155	150	146	139
28	197	190	186	181	177	173	169	164	157
24	217	210	205	201	197	193	188	183	176
20	237	229	224	219	215	211	207	202	194
16	257	249	243	238	234	229	225	219	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: 1450 ft. Lat: 41.464° N Lon: 97.328° W

Station: **COLUMBUS 3 NE, NE US GHCND:USC00251825**

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	4/26	4/23	4/18
32	5/03	4/30	4/27	4/24	4/22	4/19	4/16	4/13	4/09
28	4/25	4/21	4/18	4/15	4/12	4/09	4/06	4/03	3/31
24	4/17	4/12	4/09	4/06	4/03	4/01	3/29	3/25	3/19
20	4/09	4/04	4/01	3/29	3/26	3/22	3/19	3/15	3/10
16	4/01	3/27	3/23	3/20	3/16	3/13	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	9/21	9/25	9/28	9/30	10/02	10/05	10/07	10/11	10/15
32	9/26	10/01	10/05	10/08	10/11	10/14	10/17	10/20	10/24
28	10/04	10/11	10/15	10/18	10/21	10/23	10/26	10/29	11/03
24	10/15	10/21	10/25	10/28	10/31	11/02	11/05	11/09	11/15
20	10/24	10/30	11/03	11/06	11/09	11/12	11/16	11/20	11/25
16	11/02	11/07	11/11	11/15	11/18	11/22	11/25	11/29	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	171	165	161	157	153	150	146	142	136
32	190	184	179	175	171	167	163	158	151
28	211	204	199	195	191	187	183	177	170
24	231	224	219	215	211	206	202	197	189
20	250	243	238	233	229	225	220	215	208
16	270	262	256	252	247	242	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: 1309 ft. Lat: 41.367° N Lon: 96.017° W
 Station: **OMAHA WSFO, NE US GHCND:USW00094918**

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	5/06	5/04	5/01	4/30	4/27	4/24	4/20
32	5/05	5/01	4/29	4/26	4/24	4/22	4/19	4/16	4/11
28	4/27	4/23	4/21	4/17	4/15	4/12	4/10	4/06	4/02
24	4/20	4/15	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	3/26	3/22	3/18	3/13
16	4/04	3/31	3/27	3/23	3/19	3/16	3/13	3/09	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	9/21	9/25	9/28	9/30	10/03	10/05	10/08	10/11	10/15
32	9/27	10/01	10/05	10/08	10/11	10/14	10/17	10/20	10/24
28	10/06	10/12	10/16	10/19	10/22	10/24	10/27	10/30	11/04
24	10/16	10/22	10/25	10/29	11/01	11/03	11/06	11/11	11/16
20	10/25	10/31	11/03	11/06	11/09	11/13	11/16	11/20	11/26
16	11/01	11/07	11/11	11/14	11/17	11/21	11/26	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	169	163	159	155	152	149	145	141	134
32	187	181	177	173	169	165	161	156	150
28	208	202	197	193	189	185	181	176	169
24	229	222	216	212	208	204	199	194	187
20	248	241	235	230	226	222	217	212	204
16	267	259	253	248	243	239	234	228	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: 1160 ft. Lat: 40.823° N Lon: 96.702° W

Station: LINCOLN UNIVERSITY POWER PLANT, NE US GHCND:USW00014971

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	5/03	5/01	4/29	4/26	4/23	4/19
32	5/04	5/01	4/27	4/24	4/22	4/19	4/17	4/14	4/09
28	4/26	4/21	4/18	4/15	4/12	4/09	4/07	4/03	3/31
24	4/16	4/12	4/08	4/05	4/03	4/01	3/29	3/24	3/19
20	4/07	4/02	3/31	3/28	3/24	3/21	3/18	3/14	3/09
16	3/30	3/24	3/21	3/17	3/15	3/12	3/08	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	9/20	9/25	9/28	10/01	10/03	10/06	10/09	10/12	10/16
32	9/28	10/02	10/06	10/10	10/13	10/16	10/19	10/22	10/26
28	10/07	10/13	10/17	10/21	10/23	10/26	10/29	11/01	11/06
24	10/18	10/24	10/28	10/31	11/02	11/05	11/08	11/11	11/16
20	10/25	11/01	11/04	11/07	11/11	11/14	11/17	11/21	11/28
16	11/02	11/08	11/13	11/16	11/20	11/24	11/28	12/03	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	172	166	161	157	154	150	146	142	136
32	192	186	181	177	173	169	165	159	152
28	213	206	201	197	193	189	185	179	172
24	233	227	222	217	213	209	205	200	192
20	254	246	241	236	232	227	223	217	210
16	275	266	260	255	251	246	241	235	227

* 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: 982 ft. Lat: 41.310° N Lon: 95.899° W
 Station: **OMAHA EPPLEY AIRFIELD, NE US GHCND:USW00014942**

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	5/05	5/02	4/30	4/28	4/26	4/23	4/18
32	5/03	4/30	4/27	4/24	4/21	4/18	4/16	4/12	4/08
28	4/24	4/20	4/16	4/14	4/11	4/09	4/06	4/03	3/30
24	4/16	4/11	4/08	4/06	4/03	4/01	3/29	3/25	3/20
20	4/08	4/03	3/31	3/29	3/25	3/22	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	9/20	9/24	9/27	9/29	10/01	10/04	10/07	10/10	10/15
32	9/27	10/01	10/05	10/08	10/11	10/14	10/18	10/21	10/26
28	10/07	10/13	10/17	10/20	10/23	10/26	10/29	11/01	11/06
24	10/19	10/24	10/28	10/31	11/02	11/05	11/08	11/12	11/17
20	10/29	11/02	11/06	11/09	11/12	11/15	11/18	11/22	11/28
16	11/06	11/10	11/15	11/18	11/21	11/25	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	170	164	160	156	152	148	145	140	134
32	192	185	180	176	172	168	164	159	152
28	214	207	202	198	194	190	186	181	174
24	233	226	221	217	213	209	205	200	193
20	253	245	240	236	232	228	223	218	211
16	273	265	259	255	250	246	241	235	228

* 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: 40.864° N Lon: 96.141° W

Station: **WEeping WATER, NE US GHCND:USC00259090**

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	5/17	5/11	5/07	5/04	5/02	4/30	4/28	4/25	4/21
32	5/05	5/01	4/29	4/27	4/24	4/22	4/19	4/16	4/11
28	4/27	4/23	4/20	4/17	4/15	4/12	4/09	4/06	4/02
24	4/19	4/14	4/10	4/08	4/05	4/02	3/31	3/27	3/22
20	4/09	4/05	4/02	3/30	3/27	3/23	3/20	3/16	3/11
16	4/01	3/28	3/23	3/20	3/17	3/13	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	9/22	9/25	9/28	9/30	10/02	10/05	10/08	10/13
32	9/25	9/30	10/03	10/06	10/10	10/13	10/16	10/19	10/24
28	10/03	10/10	10/14	10/17	10/20	10/23	10/26	10/29	11/03
24	10/14	10/20	10/24	10/28	10/31	11/02	11/05	11/08	11/13
20	10/24	10/30	11/02	11/05	11/08	11/11	11/14	11/18	11/24
16	11/02	11/07	11/10	11/13	11/17	11/20	11/24	11/29	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	167	160	156	152	148	145	141	136	130
32	186	179	175	171	167	163	159	154	147
28	207	200	195	190	186	182	178	173	166
24	227	220	215	211	207	203	198	193	186
20	248	240	235	230	226	221	217	212	204
16	269	261	255	250	246	241	236	231	223

* 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: 1118 ft. Lat: 41.041° N Lon: 96.381° W
 Station: **ASHLAND 2, NE US GHCND:USC00250375**

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	5/17	5/11	5/07	5/04	5/01	4/30	4/27	4/24	4/20
32	5/06	5/02	4/30	4/26	4/24	4/21	4/18	4/15	4/10
28	4/27	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	3/28	3/22
20	4/10	4/06	4/02	3/31	3/28	3/25	3/21	3/17	3/11
16	4/03	3/30	3/25	3/22	3/18	3/15	3/11	3/06	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	9/19	9/22	9/26	9/29	10/01	10/03	10/06	10/10	10/14
32	9/26	9/30	10/04	10/07	10/10	10/13	10/17	10/20	10/25
28	10/04	10/10	10/15	10/19	10/22	10/24	10/27	10/31	11/04
24	10/16	10/22	10/26	10/29	11/01	11/03	11/06	11/10	11/15
20	10/25	10/31	11/03	11/06	11/09	11/12	11/15	11/20	11/27
16	11/02	11/07	11/11	11/15	11/18	11/22	11/26	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	169	163	158	154	150	147	143	138	132
32	189	182	177	173	169	165	160	155	149
28	210	203	198	194	189	185	181	176	169
24	229	222	218	213	209	205	200	195	188
20	249	241	235	231	226	222	218	212	205
16	269	261	255	249	244	240	235	229	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: 1590 ft. Lat: 41.451° N Lon: 97.764° W
 Station: **GENOA 2 W, NE US GHCND:USC00253185**

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

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	9/20	9/23	9/25	9/28	9/30	10/03	10/06
32	9/20	9/25	9/28	9/30	10/03	10/05	10/08	10/12	10/16
28	9/27	10/01	10/05	10/09	10/12	10/15	10/19	10/22	10/26
24	10/05	10/12	10/16	10/19	10/22	10/25	10/28	11/01	11/05
20	10/16	10/22	10/26	10/29	11/01	11/04	11/07	11/11	11/16
16	10/26	11/01	11/04	11/07	11/10	11/13	11/17	11/21	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	154	148	144	140	137	133	129	125	119
32	173	166	162	158	154	150	147	142	136
28	193	186	181	177	173	169	165	159	153
24	213	206	201	197	193	189	184	179	172
20	233	226	221	216	212	208	203	198	191
16	254	246	240	235	231	226	221	216	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: 1145 ft. Lat: 41.320° N Lon: 96.367° W

Station: **VALLEY 1 WNW, NE US GHCND:USC00258795**

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	178	172	168	164	160	157	153	148	142
32	198	192	187	183	179	176	172	167	160
28	219	212	207	203	200	196	191	187	180
24	238	231	226	222	218	214	210	205	198
20	257	250	244	240	235	231	226	221	214
16	276	268	262	257	253	248	244	238	231

* 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: 1190 ft. Lat: 40.851° N Lon: 96.748° W

Station: LINCOLN AIRPORT, NE US GHCND:USW00014939

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	5/17	5/12	5/08	5/05	5/03	5/01	4/29	4/26	4/22
32	5/07	5/03	4/30	4/28	4/25	4/22	4/20	4/17	4/13
28	4/30	4/25	4/22	4/18	4/16	4/13	4/10	4/07	4/02
24	4/20	4/15	4/11	4/09	4/06	4/03	4/01	3/28	3/23
20	4/10	4/06	4/03	3/31	3/28	3/25	3/21	3/17	3/12
16	4/02	3/28	3/24	3/20	3/17	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	9/22	9/25	9/28	10/01	10/03	10/05	10/09	10/13
32	9/25	9/30	10/03	10/06	10/10	10/13	10/16	10/19	10/24
28	10/03	10/09	10/14	10/17	10/20	10/23	10/26	10/29	11/02
24	10/15	10/20	10/24	10/28	10/31	11/02	11/04	11/08	11/13
20	10/24	10/30	11/02	11/05	11/07	11/10	11/14	11/18	11/24
16	11/01	11/05	11/09	11/13	11/17	11/21	11/25	11/29	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	166	160	156	152	148	145	141	136	130
32	186	179	174	170	166	162	158	153	147
28	206	199	194	190	186	182	177	172	165
24	227	220	215	210	207	203	198	193	185
20	247	239	234	229	225	221	217	211	204
16	269	261	254	249	244	240	235	229	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: 1700 ft. Lat: 41.122° N Lon: 98.028° W
 Station: **CENTRAL CITY, NE US GHCND:USC00251560**

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	4/19
32	5/03	4/30	4/27	4/24	4/22	4/19	4/16	4/13	4/09
28	4/26	4/22	4/18	4/15	4/13	4/10	4/07	4/04	3/31
24	4/18	4/13	4/09	4/06	4/03	4/01	3/29	3/25	3/19
20	4/09	4/04	4/01	3/29	3/25	3/22	3/18	3/14	3/09
16	4/01	3/27	3/23	3/19	3/16	3/13	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	9/20	9/25	9/28	10/01	10/03	10/05	10/09	10/12	10/16
32	9/27	10/02	10/05	10/09	10/12	10/15	10/18	10/21	10/25
28	10/05	10/12	10/16	10/19	10/22	10/24	10/27	10/30	11/04
24	10/16	10/22	10/25	10/28	11/01	11/03	11/06	11/10	11/15
20	10/24	10/30	11/03	11/06	11/09	11/13	11/16	11/20	11/25
16	11/01	11/06	11/11	11/15	11/18	11/22	11/26	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	173	166	162	158	155	151	147	143	136
32	191	185	180	176	173	169	165	160	153
28	211	204	199	195	191	187	183	178	171
24	232	225	219	215	211	206	202	196	189
20	251	244	238	233	229	224	220	214	207
16	272	263	257	252	247	242	237	231	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: 1662 ft. Lat: 41.184° N Lon: 97.551° W
 Station: **OSCEOLA, NE US GHCND:USC00256375**

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

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	10/02	10/05	10/09
32	9/21	9/26	9/29	10/02	10/04	10/08	10/11	10/15	10/19
28	9/28	10/03	10/07	10/11	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	10/18	10/24	10/28	10/31	11/03	11/06	11/09	11/13	11/18
16	10/27	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	161	155	151	148	144	141	137	133	126
32	178	172	167	163	159	156	152	147	141
28	197	190	185	181	177	173	169	163	156
24	216	209	204	200	196	192	187	182	175
20	236	228	223	218	214	210	206	200	192
16	255	247	242	237	232	228	223	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: 1445 ft. Lat: 40.900° N Lon: 97.091° W
 Station: **SEWARD, NE US GHCND:USC00257715**

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	5/04	5/02	4/30	4/28	4/26	4/22
32	5/06	5/02	4/30	4/27	4/25	4/23	4/20	4/16	4/12
28	4/29	4/24	4/21	4/18	4/16	4/13	4/10	4/07	4/02
24	4/20	4/15	4/11	4/09	4/06	4/04	4/01	3/29	3/24
20	4/11	4/07	4/03	4/01	3/29	3/26	3/23	3/19	3/14
16	4/03	3/30	3/27	3/23	3/20	3/17	3/14	3/10	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	9/19	9/23	9/26	9/29	10/01	10/03	10/05	10/08	10/12
32	9/25	9/30	10/02	10/05	10/08	10/11	10/14	10/17	10/21
28	10/02	10/07	10/12	10/15	10/18	10/20	10/23	10/26	10/30
24	10/12	10/18	10/21	10/24	10/27	10/30	11/01	11/04	11/09
20	10/21	10/26	10/30	11/02	11/04	11/07	11/10	11/14	11/21
16	10/28	11/02	11/06	11/09	11/13	11/16	11/20	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	166	160	156	153	150	147	143	139	133
32	184	178	173	169	166	162	158	154	148
28	203	196	192	188	184	180	176	171	164
24	222	216	211	207	203	199	195	190	183
20	241	234	229	225	220	216	212	207	200
16	260	252	247	242	237	233	228	223	215

* 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: 1180 ft. Lat: 41.430° N Lon: 96.467° W
 Station: **FREMONT, NE US GHCND:USC00253050**

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	164	158	154	150	147	143	139	135	128
32	184	177	173	168	164	160	156	151	144
28	205	198	193	189	185	181	176	171	163
24	226	219	214	209	205	201	196	191	184
20	246	238	233	228	224	220	215	210	203
16	266	258	252	247	242	238	233	228	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: 1545 ft. Lat: 41.104° N Lon: 97.309° W
 Station: **SURPRISE, NE US GHCND:USC00258328**

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	5/08	5/05	5/03	4/30	4/29	4/26	4/23	4/19
32	5/04	4/30	4/27	4/24	4/22	4/19	4/16	4/12	4/08
28	4/26	4/21	4/17	4/14	4/11	4/08	4/05	4/02	3/29
24	4/16	4/11	4/08	4/05	4/02	3/31	3/27	3/23	3/17
20	4/08	4/03	3/31	3/28	3/24	3/21	3/17	3/13	3/07
16	4/01	3/26	3/21	3/17	3/14	3/10	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	9/18	9/22	9/26	9/29	10/01	10/03	10/06	10/10	10/14
32	9/25	9/30	10/03	10/06	10/10	10/13	10/16	10/20	10/24
28	10/02	10/09	10/14	10/18	10/21	10/24	10/27	10/31	11/04
24	10/13	10/21	10/24	10/28	10/31	11/03	11/06	11/10	11/15
20	10/23	10/30	11/02	11/06	11/09	11/13	11/16	11/20	11/26
16	11/01	11/06	11/10	11/15	11/18	11/22	11/26	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	170	163	159	155	151	148	144	139	133
32	191	184	178	174	170	166	162	156	149
28	213	206	201	196	192	187	183	177	169
24	233	226	220	216	212	207	203	197	189
20	253	245	240	235	230	225	221	215	207
16	273	265	259	254	249	244	239	233	223

* 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