

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 1140 ft. Lat: 41.777° N Lon: 96.233° W
 Station: **TEKAMAH, NE US GHCND:USC00258480**

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	4/27	4/24	4/20
32	5/04	5/01	4/28	4/25	4/23	4/21	4/18	4/15	4/10
28	4/26	4/22	4/19	4/17	4/14	4/12	4/09	4/06	4/02
24	4/19	4/15	4/12	4/09	4/06	4/04	4/01	3/29	3/23
20	4/11	4/07	4/03	4/01	3/30	3/26	3/23	3/19	3/13
16	4/03	3/31	3/27	3/23	3/19	3/16	3/13	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	9/18	9/22	9/24	9/27	9/29	10/01	10/04	10/08	10/12
32	9/25	9/29	10/01	10/05	10/08	10/11	10/15	10/18	10/23
28	10/02	10/08	10/12	10/16	10/19	10/23	10/26	10/29	11/02
24	10/13	10/19	10/23	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	11/01	11/07	11/11	11/14	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	167	161	156	153	149	146	142	138	131
32	187	180	175	171	167	163	159	154	148
28	206	200	195	191	187	183	179	174	167
24	226	219	214	210	206	202	198	192	185
20	246	238	233	229	224	220	216	211	204
16	266	258	252	247	243	239	234	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: 1551 ft. Lat: 41.986° N Lon: 97.435° W

Station: **NORFOLK KARL STEFAN MEMORIAL AIRPORT, NE US GHCND:USW00014941**

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	5/23	5/17	5/13	5/09	5/06	5/03	5/01	4/28	4/24
32	5/12	5/06	5/02	4/30	4/28	4/25	4/22	4/19	4/14
28	5/01	4/27	4/23	4/20	4/17	4/14	4/11	4/08	4/04
24	4/21	4/16	4/13	4/10	4/07	4/05	4/02	3/31	3/25
20	4/12	4/07	4/04	4/01	3/30	3/27	3/23	3/19	3/13
16	4/03	3/30	3/26	3/23	3/20	3/17	3/13	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	9/15	9/19	9/21	9/24	9/27	9/29	10/01	10/04	10/08
32	9/21	9/26	9/29	10/02	10/04	10/07	10/10	10/14	10/19
28	9/30	10/04	10/08	10/12	10/15	10/18	10/21	10/24	10/28
24	10/08	10/15	10/19	10/22	10/25	10/28	10/31	11/03	11/08
20	10/19	10/25	10/29	11/01	11/04	11/07	11/10	11/14	11/19
16	10/28	11/02	11/06	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	158	152	148	144	141	137	132	128	121
32	179	172	167	163	159	155	151	146	139
28	200	193	188	183	179	175	171	166	158
24	220	213	208	204	200	196	192	187	179
20	240	233	228	223	219	215	210	205	198
16	259	252	246	241	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: 1234 ft. Lat: 42.747° N Lon: 98.047° W
 Station: NIOBRARA, NE US GHCND:USC00255960

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

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	149	145	142	138	134	130	123
32	181	174	169	165	161	157	152	147	140
28	203	196	191	186	182	178	173	168	160
24	223	216	211	206	203	198	194	189	181
20	241	234	229	224	220	216	212	207	199
16	259	252	246	241	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: 1280 ft. Lat: 42.150° N Lon: 96.476° W
 Station: **WALTHILL, NE US GHCND:USC00258935**

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	5/26	5/20	5/16	5/12	5/09	5/06	5/03	4/30	4/27
32	5/15	5/09	5/06	5/03	5/01	4/29	4/26	4/23	4/19
28	5/05	5/01	4/28	4/25	4/23	4/20	4/17	4/14	4/09
24	4/28	4/23	4/19	4/17	4/14	4/11	4/09	4/05	4/01
20	4/19	4/15	4/11	4/09	4/05	4/03	3/31	3/28	3/21
16	4/11	4/07	4/03	4/01	3/29	3/25	3/21	3/17	3/12

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	153	147	142	138	134	131	126	122	115
32	169	162	158	154	151	147	143	139	132
28	188	181	176	171	167	163	159	155	148
24	207	200	195	190	186	182	178	172	165
20	227	220	214	209	205	201	196	191	183
16	246	239	233	228	223	219	214	209	201

* 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: 42.029° N Lon: 97.486° W
 Station: **NORFOLK 4 W, NE US GHCND:USC00255997**

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	5/15	5/11	5/08	5/05	5/01	4/28
32	5/17	5/11	5/07	5/04	5/01	4/30	4/27	4/24	4/20
28	5/06	5/01	4/29	4/26	4/23	4/20	4/17	4/14	4/09
24	4/27	4/22	4/19	4/16	4/13	4/10	4/08	4/04	4/01
20	4/18	4/13	4/10	4/07	4/04	4/01	3/30	3/25	3/19
16	4/09	4/04	4/01	3/29	3/26	3/23	3/19	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	9/12	9/16	9/19	9/21	9/23	9/26	9/28	10/01	10/04
32	9/19	9/23	9/26	9/29	10/01	10/03	10/05	10/09	10/13
28	9/25	9/30	10/03	10/06	10/09	10/12	10/15	10/18	10/23
24	10/03	10/09	10/13	10/16	10/19	10/22	10/24	10/27	11/01
20	10/13	10/18	10/22	10/25	10/28	10/31	11/02	11/06	11/12
16	10/21	10/27	10/31	11/02	11/05	11/09	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	145	141	137	133	129	125	120	114
32	168	162	158	154	150	147	143	138	132
28	187	181	176	172	168	164	160	155	148
24	207	200	195	191	187	183	179	174	167
20	227	220	215	211	207	202	198	193	186
16	246	239	234	229	225	220	216	211	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: 1408 ft. Lat: 42.262° N Lon: 96.864° W
 Station: **WAKEFIELD, NE US GHCND:USC00258915**

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

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	145	140	137	133	129	125	120	114
32	169	163	158	154	151	147	143	138	131
28	190	183	178	174	169	165	161	156	149
24	211	204	199	194	190	186	181	176	168
20	231	224	219	214	210	206	201	196	188
16	251	243	238	233	229	225	220	215	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: 1028 ft. Lat: 41.764° N Lon: 96.178° W
 Station: **TEKAMAH MUNICIPAL AIRPORT, NE US GHCND:USW00094978**

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	5/04	5/02	4/30	4/28	4/25	4/20
32	5/06	5/02	4/29	4/27	4/24	4/21	4/18	4/15	4/11
28	4/28	4/23	4/20	4/17	4/14	4/12	4/09	4/05	4/01
24	4/19	4/14	4/11	4/08	4/05	4/03	3/31	3/28	3/22
20	4/10	4/05	4/02	3/31	3/27	3/24	3/20	3/16	3/11
16	4/02	3/29	3/24	3/21	3/18	3/14	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	9/16	9/19	9/22	9/24	9/27	9/29	10/01	10/04	10/08
32	9/22	9/27	9/29	10/02	10/05	10/07	10/10	10/14	10/18
28	9/30	10/05	10/09	10/12	10/15	10/18	10/21	10/24	10/29
24	10/10	10/16	10/20	10/23	10/26	10/29	11/01	11/04	11/10
20	10/21	10/26	10/31	11/02	11/05	11/08	11/11	11/15	11/21
16	11/01	11/05	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	162	156	152	149	145	142	138	133	127
32	181	175	170	166	162	159	155	150	144
28	202	196	191	187	183	179	174	169	162
24	223	216	211	207	203	199	195	190	182
20	244	236	231	227	223	218	214	209	202
16	265	257	251	246	242	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: 1580 ft. Lat: 41.829° N Lon: 97.450° W
 Station: **MADISON 2 W, NE US GHCND:USC00255080**

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

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	9/12	9/18	9/21	9/23	9/26	9/28	10/01	10/03	10/08
32	9/20	9/25	9/28	10/01	10/03	10/06	10/09	10/12	10/17
28	9/28	10/02	10/07	10/10	10/13	10/16	10/19	10/23	10/27
24	10/07	10/13	10/17	10/20	10/24	10/26	10/29	11/02	11/07
20	10/17	10/22	10/27	10/30	11/02	11/05	11/08	11/12	11/17
16	10/25	11/01	11/04	11/07	11/11	11/14	11/17	11/21	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	154	148	144	140	136	132	127	122	115
32	174	167	162	158	154	150	146	141	134
28	195	188	183	178	174	170	165	160	152
24	215	208	203	199	195	190	186	180	172
20	234	227	222	217	213	209	204	199	191
16	253	245	240	235	231	226	222	216	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: 1660 ft. Lat: 42.460° N Lon: 97.905° W
 Station: **CREIGHTON, NE US GHCND:USC00251990**

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

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	155	149	145	142	138	135	131	127	121
32	172	166	161	158	154	151	147	143	136
28	192	185	180	176	172	168	165	160	153
24	211	204	199	194	190	187	183	178	171
20	228	222	216	211	207	203	199	194	187
16	247	240	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: 1935 ft. Lat: 41.987° N Lon: 98.075° W
 Station: **ELGIN, NE US GHCND:USC00252595**

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

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	9/12	9/16	9/19	9/22	9/24	9/26	9/29	10/01	10/05
32	9/19	9/23	9/27	9/29	10/01	10/04	10/08	10/11	10/16
28	9/26	10/01	10/05	10/09	10/12	10/15	10/18	10/22	10/26
24	10/05	10/11	10/16	10/19	10/22	10/25	10/29	11/01	11/06
20	10/14	10/21	10/25	10/29	11/01	11/04	11/07	11/11	11/17
16	10/24	10/31	11/03	11/06	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	153	147	143	139	136	132	128	124	117
32	171	165	161	157	153	150	146	141	135
28	192	185	181	176	172	168	164	159	153
24	212	206	200	196	192	188	183	178	171
20	230	223	218	213	209	205	201	195	187
16	248	241	235	230	226	222	217	211	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: 1465 ft. Lat: 42.236° N Lon: 97.011° W
 Station: **WAYNE, NE US GHCND:USC00259045**

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	5/25	5/18	5/14	5/10	5/07	5/04	5/02	4/29	4/25
32	5/13	5/07	5/04	5/01	4/30	4/27	4/24	4/21	4/17
28	5/03	4/29	4/25	4/23	4/20	4/17	4/15	4/11	4/07
24	4/23	4/19	4/16	4/13	4/11	4/08	4/05	4/03	3/30
20	4/16	4/11	4/08	4/05	4/03	4/01	3/29	3/24	3/18
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	9/15	9/19	9/21	9/24	9/27	9/29	10/01	10/04	10/09
32	9/21	9/26	9/29	10/01	10/04	10/07	10/11	10/14	10/20
28	9/29	10/04	10/08	10/12	10/15	10/18	10/21	10/25	10/29
24	10/08	10/14	10/18	10/22	10/25	10/28	10/31	11/03	11/08
20	10/17	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	11/15	11/18	11/23	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	152	147	144	140	136	132	127	121
32	177	170	165	161	157	153	149	144	137
28	197	190	185	181	177	172	168	163	155
24	216	209	205	200	196	192	188	182	175
20	235	227	222	218	214	209	205	199	192
16	255	247	241	237	232	228	223	217	210

* 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: 1310 ft. Lat: 41.845° N Lon: 96.714° W
 Station: **WEST POINT, NE US GHCND:USC00259200**

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	5/11	5/07	5/04	5/02	4/30	4/27	4/23
32	5/09	5/04	5/01	4/29	4/26	4/24	4/21	4/18	4/13
28	4/30	4/25	4/22	4/19	4/16	4/14	4/11	4/08	4/03
24	4/21	4/16	4/13	4/10	4/08	4/05	4/02	3/31	3/24
20	4/12	4/08	4/04	4/02	3/31	3/27	3/23	3/19	3/14
16	4/04	3/31	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	9/16	9/20	9/23	9/26	9/28	9/30	10/03	10/06	10/10
32	9/23	9/27	9/30	10/03	10/06	10/09	10/12	10/16	10/21
28	9/29	10/05	10/10	10/13	10/17	10/20	10/23	10/27	10/31
24	10/10	10/17	10/21	10/24	10/27	10/30	11/02	11/05	11/11
20	10/21	10/27	10/31	11/02	11/05	11/09	11/12	11/16	11/22
16	10/31	11/04	11/08	11/12	11/15	11/18	11/22	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	161	155	151	147	143	140	136	131	125
32	181	174	169	165	161	157	153	148	142
28	202	195	190	186	182	178	173	168	160
24	222	215	211	206	202	198	193	188	181
20	242	235	229	225	221	216	212	206	199
16	263	255	249	244	240	236	231	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: 1400 ft. Lat: 42.736° N Lon: 97.497° W
 Station: **CROFTON, NE US GHCND:USC00252037**

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

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	9/26	9/29	10/01	10/03	10/06	10/10
32	9/24	9/29	10/01	10/04	10/06	10/09	10/12	10/15	10/20
28	10/02	10/06	10/10	10/13	10/16	10/18	10/22	10/25	10/28
24	10/11	10/15	10/19	10/22	10/25	10/28	10/31	11/03	11/08
20	10/19	10/24	10/28	10/31	11/02	11/05	11/08	11/12	11/18
16	10/27	11/01	11/05	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	160	154	150	147	143	140	136	132	125
32	178	172	168	164	160	157	153	148	142
28	198	192	187	183	179	175	171	166	160
24	217	210	206	202	198	194	190	185	179
20	235	228	223	219	215	211	207	202	195
16	254	246	241	236	232	228	223	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: 1749 ft. Lat: 42.064° N Lon: 97.967° W
 Station: **OAKDALE, NE US GHCND:USC00256135**

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	6/01	5/27	5/22	5/19	5/15	5/12	5/08	5/05	5/01
32	5/20	5/14	5/09	5/06	5/03	5/01	4/28	4/26	4/21
28	5/06	5/02	4/29	4/26	4/24	4/21	4/18	4/15	4/11
24	4/25	4/22	4/19	4/16	4/14	4/11	4/08	4/06	4/02
20	4/18	4/14	4/11	4/08	4/05	4/03	3/31	3/28	3/22
16	4/10	4/05	4/02	3/31	3/27	3/24	3/20	3/16	3/11

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	9/10	9/15	9/18	9/20	9/22	9/25	9/27	9/30	10/03
32	9/18	9/22	9/25	9/28	9/30	10/02	10/05	10/08	10/12
28	9/26	9/30	10/03	10/06	10/09	10/13	10/16	10/19	10/23
24	10/02	10/09	10/13	10/17	10/20	10/23	10/25	10/29	11/02
20	10/12	10/19	10/23	10/26	10/29	11/01	11/04	11/07	11/13
16	10/21	10/28	11/01	11/04	11/07	11/10	11/14	11/18	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	147	140	136	132	128	124	120	115	109
32	166	159	155	151	147	144	140	135	128
28	187	180	176	171	167	163	159	154	147
24	208	201	196	192	188	184	180	175	168
20	228	220	215	211	207	203	198	193	185
16	248	240	235	230	226	221	217	211	203

* 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