

**Summary of Annual Normals
 1981-2010**

Generated on 08/15/2016

Elev: 4278 ft. Lat: 41.409° N Lon: 102.966° W
 Station: **DALTON, NE US GHCND:USC00252145**

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	5/31	5/27	5/22	5/19	5/16	5/14	5/11	5/08	5/05
32	5/18	5/13	5/10	5/08	5/05	5/03	5/01	4/29	4/24
28	5/08	5/04	5/02	4/30	4/27	4/24	4/20	4/17	4/13
24	5/01	4/26	4/23	4/19	4/16	4/13	4/10	4/06	4/02
20	4/22	4/17	4/13	4/10	4/06	4/03	4/01	3/28	3/22
16	4/13	4/08	4/04	4/01	3/29	3/24	3/20	3/15	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	9/12	9/17	9/21	9/23	9/26	9/28	10/01	10/03	10/07
32	9/19	9/25	9/28	10/01	10/03	10/06	10/09	10/12	10/17
28	9/25	10/01	10/05	10/08	10/12	10/15	10/18	10/22	10/26
24	10/02	10/09	10/14	10/18	10/21	10/24	10/27	10/30	11/04
20	10/12	10/18	10/22	10/26	10/29	11/01	11/04	11/09	11/14
16	10/22	10/29	11/01	11/05	11/09	11/13	11/16	11/20	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	147	142	137	133	130	126	122	117	111
32	167	161	156	153	149	145	141	137	130
28	188	181	176	171	167	163	159	154	146
24	208	201	195	191	186	182	177	171	163
20	228	220	214	210	205	200	195	189	181
16	252	243	237	231	226	221	216	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: 3832 ft. Lat: 41.149° N Lon: 102.636° W
 Station: **LOGGEPOL, NE US GHCND:USC00254900**

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	6/02	5/29	5/25	5/22	5/19	5/16	5/14	5/11	5/07	5/07
32	5/22	5/17	5/14	5/11	5/09	5/07	5/05	5/02	4/29	4/29
28	5/12	5/08	5/06	5/04	5/02	4/30	4/27	4/23	4/18	4/18
24	5/04	5/01	4/28	4/24	4/22	4/19	4/16	4/13	4/08	4/08
20	4/26	4/21	4/18	4/15	4/12	4/08	4/05	4/01	3/27	3/27
16	4/16	4/11	4/07	4/04	4/01	3/29	3/24	3/19	3/12	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	9/11	9/15	9/17	9/20	9/22	9/24	9/26	9/29	10/02	10/02
32	9/17	9/21	9/24	9/26	9/29	10/01	10/03	10/06	10/11	10/11
28	9/23	9/28	10/01	10/04	10/07	10/10	10/13	10/16	10/20	10/20
24	10/01	10/06	10/10	10/13	10/17	10/19	10/22	10/25	10/28	10/28
20	10/10	10/16	10/20	10/23	10/25	10/28	10/31	11/03	11/08	11/08
16	10/22	10/26	10/29	11/01	11/04	11/07	11/10	11/14	11/19	11/19

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)									
	.10	.20	.30	.40	.50	.60	.70	.80	.90	
36	140	135	131	128	124	121	117	113	107	
32	158	152	148	144	141	138	134	130	124	
28	176	170	166	162	158	154	150	146	140	
24	196	190	185	181	177	173	169	164	156	
20	217	210	205	201	197	193	188	183	175	
16	241	233	227	222	218	214	209	203	196	

* 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: 3294 ft. Lat: 42.837° N Lon: 103.098° W

Station: **CHADRON MUNICIPAL AIRPORT, NE US GHCND:USW00024017**

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	6/15	6/08	6/04	6/01	5/29	5/26	5/22	5/19	5/14
32	5/31	5/26	5/22	5/19	5/16	5/13	5/10	5/08	5/03
28	5/19	5/14	5/11	5/08	5/05	5/03	5/01	4/29	4/24
24	5/10	5/05	5/03	5/01	4/28	4/26	4/23	4/19	4/14
20	5/02	4/28	4/25	4/21	4/18	4/15	4/11	4/07	4/02
16	4/25	4/19	4/14	4/10	4/07	4/03	3/31	3/27	3/21

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	128	122	117	113	109	105	101	96	89
32	147	141	137	133	129	125	121	116	109
28	166	160	155	151	148	144	140	135	129
24	186	179	173	169	165	161	156	151	145
20	206	199	193	189	185	180	176	170	163
16	227	219	213	208	204	199	194	189	180

* 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: 4708 ft. Lat: 41.245° N Lon: 103.634° W
 Station: **KIMBALL 2 NE, NE US GHCND:USC00254440**

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	6/11	6/04	5/31	5/27	5/24	5/21	5/17	5/14	5/09
32	5/27	5/21	5/17	5/14	5/11	5/09	5/06	5/04	5/01
28	5/16	5/10	5/07	5/05	5/02	4/30	4/28	4/24	4/20
24	5/06	5/02	4/29	4/26	4/23	4/20	4/17	4/13	4/09
20	4/28	4/23	4/18	4/15	4/12	4/09	4/06	4/03	3/29
16	4/18	4/13	4/09	4/05	4/02	3/31	3/26	3/21	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	9/09	9/13	9/16	9/19	9/21	9/23	9/25	9/27	10/01
32	9/16	9/21	9/24	9/27	9/29	10/01	10/03	10/06	10/09
28	9/24	9/28	10/01	10/04	10/07	10/09	10/12	10/15	10/19
24	10/01	10/07	10/11	10/14	10/17	10/19	10/22	10/25	10/28
20	10/10	10/16	10/20	10/23	10/25	10/28	10/31	11/03	11/08
16	10/20	10/25	10/30	11/01	11/04	11/07	11/11	11/15	11/20

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	136	130	126	122	119	115	110	105	99
32	155	150	146	142	139	135	131	126	120
28	175	169	165	161	157	154	150	146	139
24	196	189	185	180	177	173	169	164	156
20	217	210	205	201	196	192	188	182	174
16	241	233	227	222	217	212	208	203	195

* 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: 4320 ft. Lat: 41.229° N Lon: 103.021° W
 Station: **SIDNEY 6 NNW, NE US GHCND:USC00257830**

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	6/06	5/31	5/27	5/23	5/20	5/17	5/15	5/12	5/08
32	5/22	5/17	5/14	5/11	5/09	5/07	5/05	5/02	4/29
28	5/11	5/07	5/05	5/02	5/01	4/28	4/25	4/22	4/17
24	5/04	4/30	4/26	4/23	4/20	4/17	4/14	4/11	4/07
20	4/26	4/21	4/17	4/14	4/11	4/08	4/05	4/02	3/28
16	4/17	4/11	4/07	4/03	4/01	3/28	3/23	3/18	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	9/11	9/15	9/18	9/21	9/23	9/26	9/28	10/01	10/04
32	9/17	9/22	9/25	9/28	10/01	10/03	10/06	10/09	10/13
28	9/23	9/29	10/02	10/06	10/09	10/12	10/15	10/18	10/21
24	10/01	10/07	10/12	10/15	10/18	10/20	10/23	10/26	10/29
20	10/10	10/17	10/20	10/23	10/26	10/28	10/31	11/04	11/10
16	10/21	10/26	10/29	11/01	11/04	11/08	11/11	11/15	11/20

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	141	135	131	127	124	120	116	111	104
32	159	154	150	146	143	139	136	131	125
28	180	174	169	165	162	158	154	149	143
24	199	192	188	184	180	176	171	166	159
20	218	211	206	201	198	193	189	183	176
16	243	234	228	223	219	214	209	204	196

* 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: 3805 ft. Lat: 42.512° N Lon: 102.694° W
 Station: HAY SPRINGS 12 S, NE US GHCND:USC00253715

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	6/09	6/03	5/30	5/27	5/24	5/21	5/18	5/15	5/10
32	5/25	5/21	5/17	5/15	5/12	5/10	5/07	5/05	5/01
28	5/16	5/12	5/08	5/06	5/04	5/02	4/30	4/27	4/23
24	5/08	5/04	5/01	4/29	4/27	4/24	4/21	4/17	4/13
20	5/01	4/27	4/23	4/20	4/16	4/13	4/09	4/06	4/01
16	4/22	4/16	4/12	4/09	4/05	4/03	3/31	3/26	3/19

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	131	125	121	117	114	110	106	101	94
32	149	144	140	136	133	130	126	122	116
28	166	160	156	153	150	146	143	138	133
24	185	179	174	170	167	163	159	154	148
20	206	199	194	190	186	182	178	173	165
16	228	220	214	209	205	201	196	191	184

* 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: 3945 ft. Lat: 41.870° N Lon: 103.593° W

Station: **SCOTTSBLUFF W B HEILIG FIELD AIRPORT, NE US GHCND:USW00024028**

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	6/05	5/30	5/25	5/21	5/18	5/15	5/13	5/10	5/06
32	5/21	5/16	5/13	5/10	5/08	5/05	5/03	5/01	4/27
28	5/11	5/07	5/05	5/03	5/01	4/28	4/26	4/22	4/17
24	5/04	5/01	4/28	4/25	4/22	4/19	4/16	4/12	4/07
20	4/27	4/22	4/18	4/14	4/11	4/08	4/04	4/01	3/26
16	4/16	4/10	4/06	4/02	3/30	3/26	3/22	3/17	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	9/11	9/15	9/18	9/20	9/22	9/24	9/26	9/29	10/02
32	9/17	9/21	9/24	9/27	9/29	10/01	10/04	10/07	10/11
28	9/23	9/28	10/01	10/05	10/08	10/10	10/13	10/15	10/19
24	9/30	10/08	10/12	10/15	10/17	10/19	10/22	10/25	10/28
20	10/11	10/17	10/20	10/23	10/26	10/28	10/31	11/03	11/08
16	10/21	10/25	10/29	11/01	11/03	11/07	11/10	11/14	11/19

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	141	136	132	128	124	121	116	111	104
32	159	154	150	146	143	140	136	131	125
28	178	172	167	163	160	157	153	148	142
24	197	191	186	182	178	174	170	165	158
20	219	212	206	202	198	194	189	183	176
16	244	236	230	224	219	215	209	204	196

* 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: 3390 ft. Lat: 41.401° N Lon: 102.346° W
 Station: OSHKOSH, NE US GHCND:USC00256385

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	6/09	6/02	5/29	5/25	5/21	5/18	5/16	5/12	5/09
32	5/26	5/20	5/16	5/14	5/11	5/09	5/06	5/04	4/30
28	5/14	5/10	5/07	5/05	5/02	4/30	4/28	4/25	4/20
24	5/06	5/02	4/30	4/27	4/24	4/21	4/18	4/15	4/11
20	4/30	4/25	4/21	4/17	4/14	4/11	4/08	4/04	3/31
16	4/21	4/15	4/10	4/06	4/03	3/31	3/28	3/23	3/17

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	137	132	127	123	120	116	111	106	99
32	153	148	144	141	137	134	130	126	119
28	172	166	161	157	154	150	147	142	136
24	190	184	179	175	171	168	163	158	152
20	210	203	198	194	190	185	181	175	167
16	232	224	219	214	210	205	201	195	187

* 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: 4080 ft. Lat: 41.948° N Lon: 103.701° W
 Station: MITCHELL 5 E, NE US GHCND:USC00255590

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	6/05	5/30	5/26	5/22	5/18	5/15	5/12	5/09	5/05
32	5/26	5/19	5/14	5/11	5/08	5/06	5/03	5/01	4/27
28	5/14	5/07	5/04	5/02	4/30	4/27	4/24	4/21	4/16
24	5/04	4/30	4/26	4/23	4/20	4/17	4/13	4/10	4/05
20	4/26	4/20	4/16	4/13	4/09	4/06	4/03	3/30	3/24
16	4/15	4/10	4/05	4/02	3/30	3/25	3/21	3/16	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	9/10	9/14	9/17	9/19	9/21	9/23	9/26	9/28	10/02
32	9/16	9/20	9/24	9/26	9/29	10/01	10/04	10/07	10/12
28	9/23	9/28	10/01	10/05	10/08	10/11	10/14	10/17	10/21
24	10/02	10/08	10/12	10/15	10/18	10/20	10/23	10/26	10/30
20	10/12	10/18	10/21	10/24	10/27	10/29	11/01	11/04	11/09
16	10/21	10/26	10/30	11/01	11/04	11/07	11/11	11/15	11/19

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	142	136	131	127	124	119	115	110	103
32	161	155	150	146	142	138	134	129	122
28	181	174	170	165	161	157	153	148	140
24	201	194	190	185	181	177	173	167	159
20	222	215	210	205	201	197	192	187	180
16	246	238	231	226	222	217	212	206	199

* 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: 3678 ft. Lat: 41.047° N Lon: 102.147° W
 Station: **BIG SPRINGS, NE US GHCND:USC00250865**

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	5/13	5/10	5/08	5/05	5/02	
32	5/16	5/11	5/09	5/06	5/04	5/02	4/30	4/26	4/22	
28	5/07	5/04	5/01	4/28	4/25	4/22	4/19	4/15	4/11	
24	4/30	4/24	4/20	4/17	4/14	4/10	4/07	4/04	3/31	
20	4/20	4/14	4/09	4/06	4/03	3/31	3/28	3/24	3/18	
16	4/09	4/04	3/31	3/27	3/23	3/20	3/15	3/10	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	9/16	9/19	9/22	9/25	9/27	9/29	10/01	10/04	10/07	
32	9/21	9/26	9/29	10/01	10/03	10/06	10/08	10/11	10/15	
28	9/29	10/03	10/06	10/09	10/12	10/14	10/17	10/20	10/24	
24	10/06	10/12	10/15	10/18	10/21	10/23	10/25	10/28	11/02	
20	10/16	10/21	10/24	10/27	10/30	11/01	11/05	11/09	11/14	
16	10/25	10/30	11/02	11/06	11/09	11/13	11/16	11/20	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	141	138	135	131	128	123	116	
32	168	162	158	154	151	148	144	140	134	
28	189	182	177	173	169	165	161	157	150	
24	209	203	198	194	190	185	181	176	169	
20	232	225	219	214	210	206	201	196	188	
16	256	247	241	236	231	226	221	215	207	

* 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: 3700 ft. Lat: 42.895° N Lon: 102.204° W
 Station: **GORDON 6 N, NE US GHCND:USC00253355**

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	6/05	5/31	5/28	5/25	5/21	5/19	5/16	5/12	5/08
32	5/26	5/20	5/16	5/13	5/10	5/08	5/05	5/03	4/30
28	5/15	5/10	5/06	5/04	5/02	4/30	4/27	4/23	4/18
24	5/04	5/01	4/27	4/24	4/21	4/18	4/15	4/11	4/06
20	4/25	4/20	4/16	4/13	4/10	4/07	4/04	4/01	3/27
16	4/17	4/11	4/07	4/04	4/01	3/30	3/26	3/22	3/14

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	138	132	128	124	120	116	112	108	101
32	157	151	147	143	140	136	132	127	121
28	177	171	166	162	158	154	150	145	138
24	199	192	187	182	178	174	169	164	156
20	219	211	206	202	198	194	189	183	175
16	238	230	224	220	215	211	207	201	194

* 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: 3790 ft. Lat: 42.755° N Lon: 102.479° W
 Station: RUSHVILLE, NE US GHCND:USC00257415

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	6/07	6/01	5/29	5/26	5/23	5/20	5/17	5/14	5/10
32	5/25	5/20	5/17	5/14	5/12	5/09	5/07	5/04	4/30
28	5/15	5/11	5/08	5/05	5/03	5/01	4/29	4/25	4/21
24	5/07	5/03	4/30	4/27	4/25	4/22	4/18	4/15	4/10
20	4/28	4/24	4/19	4/16	4/13	4/10	4/07	4/03	3/29
16	4/20	4/14	4/09	4/06	4/03	3/31	3/27	3/22	3/15

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	134	128	124	120	116	113	108	104	97
32	152	147	143	139	136	132	129	124	118
28	171	165	161	157	154	150	146	142	135
24	192	186	181	177	173	169	165	160	153
20	213	206	201	197	193	189	184	179	171
16	235	227	221	216	211	207	202	196	188

* 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: 3929 ft. Lat: 42.057° N Lon: 102.802° W

Station: **ALLIANCE MUNICIPAL AIRPORT, NE US GHCND:USW00024044**

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	6/17	6/10	6/06	6/02	5/31	5/28	5/25	5/21	5/16
32	6/03	5/29	5/24	5/21	5/18	5/16	5/13	5/10	5/07
28	5/21	5/17	5/13	5/10	5/08	5/06	5/03	5/01	4/26
24	5/13	5/08	5/04	5/02	4/30	4/27	4/24	4/19	4/14
20	5/04	4/30	4/25	4/22	4/18	4/14	4/11	4/07	4/03
16	4/24	4/18	4/13	4/09	4/06	4/03	3/31	3/25	3/19

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	124	118	113	110	106	102	98	92	85
32	142	136	132	129	125	121	117	112	106
28	160	154	150	147	143	140	136	132	126
24	181	174	169	165	161	158	154	149	142
20	202	195	190	186	181	177	173	167	160
16	224	217	211	206	202	198	193	188	180

* 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: 4270 ft. Lat: 42.321° N Lon: 103.073° W
 Station: **HEMINGFORD, NE US GHCND:USC00253755**

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	6/04	5/30	5/26	5/23	5/19	5/16	5/13	5/10	5/06	
32	5/23	5/17	5/13	5/10	5/07	5/04	5/02	4/30	4/25	
28	5/10	5/05	5/03	5/01	4/28	4/25	4/22	4/18	4/13	
24	5/02	4/28	4/24	4/21	4/18	4/14	4/11	4/08	4/04	
20	4/23	4/18	4/14	4/11	4/07	4/05	4/02	3/30	3/23	
16	4/15	4/09	4/05	4/01	3/29	3/25	3/20	3/15	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	9/12	9/17	9/20	9/22	9/25	9/27	9/29	10/02	10/06	
32	9/19	9/24	9/27	9/30	10/02	10/05	10/08	10/12	10/16	
28	9/26	10/01	10/05	10/09	10/12	10/15	10/18	10/21	10/25	
24	10/04	10/11	10/15	10/19	10/21	10/24	10/27	10/30	11/04	
20	10/14	10/20	10/23	10/27	10/30	11/01	11/05	11/09	11/14	
16	10/24	10/29	11/01	11/05	11/08	11/12	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	145	139	134	130	127	123	118	114	107	
32	166	159	155	151	147	143	139	134	126	
28	186	180	175	171	167	163	158	153	146	
24	207	200	195	190	186	182	178	172	165	
20	227	219	214	209	204	200	195	190	183	
16	250	241	235	230	225	220	215	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: 3970 ft. Lat: 42.265° N Lon: 102.213° W
 Station: ELLSWORTH 15 NNE, NE US GHCND:USC00252647

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	6/10	6/03	5/31	5/27	5/23	5/20	5/17	5/13	5/09
32	5/27	5/20	5/16	5/13	5/11	5/08	5/06	5/03	4/30
28	5/14	5/09	5/07	5/04	5/02	4/30	4/27	4/24	4/19
24	5/06	5/02	4/30	4/27	4/23	4/20	4/17	4/13	4/08
20	4/28	4/24	4/20	4/16	4/13	4/09	4/06	4/02	3/28
16	4/20	4/14	4/09	4/06	4/02	3/31	3/26	3/21	3/14

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	136	130	125	121	117	113	108	103	96
32	156	150	146	142	138	134	130	125	118
28	176	169	164	160	157	153	149	144	137
24	195	188	183	178	174	170	166	161	154
20	214	207	202	197	193	188	184	178	171
16	236	228	222	217	212	208	203	197	189

* 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: 4550 ft. Lat: 41.633° N Lon: 103.954° W
 Station: **HARRISBURG 12 WNW, NE US GHCND:USC00253605**

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	6/22	6/17	6/12	6/08	6/05	6/02	5/29	5/24	5/19
32	6/11	6/05	5/31	5/26	5/22	5/18	5/15	5/12	5/07
28	5/27	5/19	5/15	5/12	5/09	5/07	5/04	5/02	4/28
24	5/13	5/08	5/05	5/03	5/01	4/28	4/25	4/22	4/16
20	5/05	5/01	4/27	4/24	4/21	4/17	4/13	4/09	4/04
16	4/26	4/20	4/16	4/13	4/09	4/06	4/03	3/30	3/24

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	8/31	9/04	9/07	9/10	9/12	9/15	9/17	9/20	9/23
32	9/08	9/12	9/15	9/18	9/20	9/22	9/25	9/28	10/01
28	9/15	9/19	9/23	9/26	9/28	10/01	10/03	10/06	10/10
24	9/22	9/27	10/01	10/03	10/06	10/09	10/12	10/15	10/20
20	9/29	10/05	10/09	10/12	10/15	10/18	10/21	10/24	10/28
16	10/08	10/14	10/19	10/22	10/24	10/27	10/30	11/02	11/07

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	118	111	106	102	98	94	89	84	77
32	138	132	127	123	119	114	110	104	97
28	158	152	148	144	140	136	132	126	118
24	179	172	167	163	159	155	151	147	140
20	200	193	188	183	179	175	170	165	157
16	220	213	208	203	199	195	190	185	177

* 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: 3820 ft. Lat: 41.761° N Lon: 102.437° W
 Station: **CRESCENT LAKE, NE US GHCND:USC00252000**

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	6/10	6/03	5/31	5/27	5/23	5/20	5/17	5/14	5/09	
32	5/27	5/21	5/17	5/14	5/11	5/08	5/06	5/03	4/30	
28	5/14	5/09	5/06	5/04	5/02	4/30	4/27	4/23	4/18	
24	5/05	5/01	4/28	4/25	4/22	4/19	4/15	4/12	4/07	
20	4/28	4/22	4/18	4/14	4/11	4/08	4/05	4/02	3/27	
16	4/17	4/11	4/07	4/04	4/01	3/29	3/24	3/20	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	9/07	9/11	9/14	9/17	9/20	9/22	9/25	9/27	10/01	
32	9/15	9/19	9/22	9/25	9/28	9/30	10/03	10/06	10/10	
28	9/22	9/27	9/30	10/03	10/05	10/09	10/11	10/14	10/18	
24	9/28	10/04	10/09	10/12	10/15	10/18	10/20	10/24	10/27	
20	10/07	10/14	10/18	10/21	10/24	10/26	10/29	11/01	11/08	
16	10/17	10/22	10/27	10/30	11/02	11/05	11/09	11/14	11/20	

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)									
	.10	.20	.30	.40	.50	.60	.70	.80	.90	
36	135	129	125	121	117	113	108	103	96	
32	155	149	145	141	137	134	130	125	117	
28	175	168	164	160	156	152	148	144	137	
24	196	189	184	179	175	171	167	162	155	
20	218	210	205	200	195	191	186	181	173	
16	242	233	227	222	217	212	207	201	192	

* 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: 3886 ft. Lat: 41.266° N Lon: 102.658° W
 Station: **LODGEPOLE 8 N, NE US GHCND:USC00254903**

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	6/08	6/02	5/29	5/26	5/23	5/20	5/17	5/14	5/10
32	5/24	5/19	5/16	5/13	5/11	5/09	5/07	5/04	5/01
28	5/15	5/10	5/07	5/05	5/03	5/01	4/28	4/24	4/20
24	5/06	5/02	4/29	4/26	4/23	4/20	4/17	4/14	4/10
20	4/28	4/23	4/19	4/16	4/13	4/10	4/07	4/03	3/30
16	4/19	4/13	4/09	4/05	4/02	3/30	3/26	3/22	3/16

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	136	130	126	122	118	115	111	106	99
32	154	148	145	141	138	134	131	126	120
28	172	166	162	158	154	151	147	142	136
24	192	185	181	177	173	169	165	160	152
20	213	205	200	196	192	188	183	178	170
16	236	228	222	217	213	209	204	198	190

* 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: 4850 ft. Lat: 42.686° N Lon: 103.884° W
 Station: **HARRISON, NE US GHCND:USC00253615**

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	6/19	6/15	6/10	6/06	6/03	6/01	5/29	5/24	5/19
32	6/10	6/03	5/30	5/26	5/22	5/19	5/15	5/12	5/07
28	5/28	5/21	5/16	5/13	5/10	5/07	5/05	5/02	4/28
24	5/15	5/09	5/05	5/03	5/01	4/29	4/26	4/22	4/17
20	5/05	5/01	4/28	4/24	4/21	4/18	4/15	4/11	4/07
16	4/27	4/21	4/17	4/13	4/11	4/08	4/05	4/02	3/28

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	121	114	110	106	102	98	94	89	82
32	141	134	129	125	121	117	113	107	99
28	161	154	150	146	142	137	133	128	120
24	182	175	170	166	162	158	153	148	140
20	201	194	189	185	181	176	172	166	159
16	221	213	208	203	199	195	190	184	176

* 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: 4296 ft. Lat: 41.099° N Lon: 102.986° W

Station: **SIDNEY MUNICIPAL AIRPORT, NE US GHCND:USW00024030**

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	6/02	5/27	5/22	5/19	5/16	5/14	5/11	5/08	5/05
32	5/19	5/14	5/11	5/08	5/06	5/04	5/02	4/30	4/25
28	5/09	5/05	5/02	4/30	4/28	4/25	4/22	4/18	4/14
24	5/02	4/27	4/23	4/20	4/17	4/14	4/11	4/08	4/04
20	4/23	4/18	4/14	4/10	4/07	4/03	3/31	3/28	3/21
16	4/13	4/07	4/03	3/31	3/26	3/22	3/18	3/13	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	9/13	9/18	9/21	9/24	9/26	9/28	9/30	10/03	10/07
32	9/20	9/25	9/28	9/30	10/03	10/05	10/08	10/11	10/15
28	9/26	10/01	10/05	10/09	10/11	10/14	10/17	10/20	10/24
24	10/03	10/11	10/15	10/18	10/21	10/23	10/26	10/29	11/02
20	10/14	10/21	10/25	10/28	10/31	11/02	11/06	11/10	11/15
16	10/24	10/30	11/02	11/06	11/09	11/12	11/16	11/19	11/24

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	141	137	134	130	126	122	117	110
32	166	160	155	152	148	145	141	137	131
28	185	179	174	170	166	162	158	154	147
24	205	198	194	189	185	181	177	171	164
20	228	221	215	211	207	202	197	192	183
16	252	244	238	232	228	223	218	212	205

* 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: 3666 ft. Lat: 41.668° N Lon: 103.104° W
 Station: **BRIDGEPORT, NE US GHCND:USC00251145**

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	6/06	5/31	5/26	5/22	5/18	5/15	5/12	5/09	5/05
32	5/21	5/16	5/12	5/09	5/07	5/05	5/02	4/30	4/26
28	5/11	5/06	5/04	5/02	4/30	4/27	4/24	4/20	4/15
24	5/04	4/30	4/26	4/23	4/20	4/16	4/13	4/10	4/05
20	4/26	4/21	4/16	4/13	4/09	4/06	4/02	3/30	3/23
16	4/17	4/10	4/05	4/02	3/29	3/24	3/19	3/13	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	9/12	9/16	9/19	9/22	9/24	9/26	9/28	10/01	10/04
32	9/19	9/23	9/26	9/29	10/01	10/03	10/06	10/09	10/12
28	9/26	10/01	10/04	10/06	10/09	10/12	10/14	10/17	10/21
24	10/02	10/08	10/12	10/16	10/18	10/21	10/23	10/27	10/31
20	10/12	10/18	10/22	10/25	10/28	10/31	11/03	11/06	11/13
16	10/23	10/28	11/01	11/04	11/07	11/11	11/15	11/19	11/24

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	144	138	134	130	126	122	117	112	104
32	162	157	152	149	146	142	138	133	127
28	182	175	171	167	163	160	156	151	145
24	202	195	190	186	181	177	173	168	160
20	225	217	212	207	202	198	193	187	178
16	252	243	236	231	226	220	215	209	200

* 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: 4670 ft. Lat: 42.424° N Lon: 103.735° W
 Station: **AGATE 3 E, NE US GHCND:USC00250030**

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									
32	6/23	6/17	6/13	6/08	6/04	6/01	5/28	5/23	5/17
28	6/10	6/02	5/29	5/24	5/20	5/17	5/14	5/10	5/05
24	5/28	5/20	5/16	5/12	5/09	5/06	5/04	5/01	4/27
20	5/15	5/09	5/05	5/03	4/30	4/27	4/24	4/20	4/15
16	5/04	4/29	4/25	4/22	4/18	4/15	4/11	4/07	4/02

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									
32	8/28	9/02	9/06	9/09	9/12	9/14	9/17	9/20	9/24
28	9/06	9/11	9/14	9/17	9/20	9/22	9/25	9/28	10/02
24	9/14	9/18	9/22	9/24	9/27	9/30	10/03	10/06	10/10
20	9/20	9/25	9/29	10/02	10/06	10/09	10/12	10/15	10/19
16	9/28	10/03	10/08	10/11	10/15	10/17	10/20	10/24	10/28

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	95	88	82	77	73	68	62	56	47
32	119	112	106	101	97	92	87	81	73
28	140	134	129	124	120	115	110	104	96
24	159	153	148	144	139	135	131	125	117
20	180	173	167	163	159	155	150	144	136
16	202	194	189	184	180	175	170	165	156

* 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: 3994 ft. Lat: 42.110° N Lon: 102.897° W
 Station: **ALLIANCE 1 WNW, NE US GHCND:USC00250130**

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	6/08	6/02	5/29	5/26	5/22	5/19	5/16	5/12	5/08
32	5/28	5/22	5/17	5/13	5/10	5/08	5/06	5/03	4/30
28	5/16	5/10	5/06	5/04	5/02	4/30	4/28	4/24	4/19
24	5/06	5/02	4/29	4/26	4/23	4/20	4/17	4/14	4/09
20	4/29	4/24	4/20	4/17	4/13	4/10	4/07	4/04	3/30
16	4/20	4/14	4/10	4/06	4/03	3/31	3/27	3/22	3/16

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

Freeze Free Period

Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	137	132	127	123	119	116	112	106	99
32	155	150	145	142	138	134	130	125	117
28	174	168	164	160	156	152	148	143	135
24	194	187	183	179	175	171	167	162	154
20	214	207	202	197	193	189	185	180	173
16	236	228	222	217	213	209	204	199	191

* 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