

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information
Service

**Summary of Annual Normals
1981-2010**

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: **ST CLOUD REGIONAL AIRPORT, MN US**

GHCND:USW00014926
Elev: 315 ft. Lat: 45.543° N Lon: 94.051° W

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	5/30	5/27	5/23	5/20	5/16	5/12	5/06
32	5/29	5/22	5/18	5/14	5/10	5/06	5/03	4/30	4/26
28	5/15	5/09	5/04	5/01	4/29	4/26	4/23	4/20	4/15
24	5/02	4/27	4/24	4/21	4/18	4/15	4/11	4/07	4/03
20	4/21	4/16	4/13	4/10	4/07	4/05	4/02	3/31	3/25
16	4/12	4/07	4/04	4/02	3/31	3/29	3/25	3/21	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	9/04	9/10	9/14	9/16	9/19	9/21	9/23	9/25	9/29
32	9/14	9/19	9/22	9/24	9/26	9/29	10/01	10/04	10/08
28	9/21	9/26	9/30	10/02	10/04	10/07	10/10	10/14	10/20
24	10/01	10/04	10/08	10/12	10/15	10/19	10/23	10/27	11/01
20	10/09	10/16	10/20	10/24	10/28	10/31	11/02	11/06	11/11
16	10/21	10/28	11/01	11/03	11/05	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	137	130	125	121	117	113	109	104	96
32	157	150	145	141	137	133	129	123	117
28	178	171	166	162	158	154	149	144	136
24	202	195	189	185	180	176	171	166	158
20	223	216	211	207	203	198	194	188	181
16	239	233	228	224	220	216	212	207	200

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

0/00 Indicates that the probability of occurrence of threshold temperature is less than the indicated probability.

Derived from 1981-2010 serially complete daily data

Complete Documentation available from:
www.ncdc.noaa.gov/oa/climate/normals/usnormals.html