

## Summary of Annual Normals 1991-2020

Generated on 05/02/2024

Current Location: Elev: 872 ft. Lat: 44.8831° N Lon: 93.2289° W  
 Station: **MINNEAPOLIS/ST PAUL AP, MN US USW00014922**

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
<b>36</b>	05/17	05/13	05/08	05/05	05/03	05/01	04/29	04/25	04/20
<b>32</b>	05/07	05/02	04/30	04/26	04/23	04/20	04/17	04/13	04/08
<b>28</b>	04/28	04/22	04/19	04/16	04/13	04/10	04/07	04/04	04/01
<b>24</b>	04/18	04/13	04/09	04/07	04/04	04/02	03/31	03/27	03/21
<b>20</b>	04/11	04/06	04/03	04/01	03/29	03/25	03/22	03/18	03/13
<b>16</b>	04/03	03/31	03/27	03/23	03/20	03/17	03/14	03/11	03/06
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
<b>36</b>	09/24	09/28	10/01	10/04	10/06	10/09	10/12	10/16	10/20
<b>32</b>	10/01	10/07	10/11	10/15	10/18	10/21	10/23	10/27	10/31
<b>28</b>	10/15	10/20	10/24	10/26	10/29	11/01	11/03	11/06	11/11
<b>24</b>	10/25	10/30	11/01	11/03	11/06	11/09	11/11	11/15	11/19
<b>20</b>	11/01	11/05	11/08	11/11	11/13	11/16	11/19	11/22	11/27
<b>16</b>	11/06	11/11	11/15	11/18	11/20	11/23	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
<b>36</b>	173.0	167.0	163.0	159.0	155.0	151.0	148.0	143.0	136.0
<b>32</b>	196.0	189.0	184.0	180.0	176.0	172.0	168.0	164.0	158.0
<b>28</b>	215.0	209.0	204.0	201.0	197.0	193.0	188.0	183.0	176.0
<b>24</b>	233.0	227.0	221.0	218.0	214.0	210.0	206.0	202.0	194.0
<b>20</b>	250.0	244.0	239.0	235.0	230.0	226.0	222.0	217.0	210.0
<b>16</b>	265.0	258.0	253.0	249.0	245.0	241.0	237.0	232.0	225.0

-9999: Data not available

\* 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

blank: missing or insufficient data