

## Summary of Annual Normals 1991-2020

Generated on 05/02/2024

Current Location: Elev: 1304 ft. Lat: 43.9042° N Lon: 92.4917° W  
 Station: **ROCHESTER INTL AP, MN US USW00014925**

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>	05/21	05/18	05/14	05/12	05/09	05/07	05/05	05/02	04/28
<b>32</b>	05/13	05/08	05/05	05/02	04/30	04/28	04/24	04/21	04/15
<b>28</b>	05/02	04/29	04/25	04/22	04/18	04/15	04/12	04/08	04/04
<b>24</b>	04/24	04/19	04/15	04/11	04/09	04/06	04/04	04/01	03/24
<b>20</b>	04/16	04/10	04/06	04/04	04/02	03/30	03/26	03/21	03/15
<b>16</b>	04/08	04/03	03/31	03/29	03/25	03/20	03/17	03/13	03/09
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
<b>36</b>	09/14	09/19	09/22	09/25	09/28	10/01	10/03	10/06	10/11
<b>32</b>	09/22	09/27	10/01	10/04	10/06	10/09	10/12	10/16	10/20
<b>28</b>	10/04	10/08	10/12	10/15	10/17	10/20	10/23	10/26	10/31
<b>24</b>	10/13	10/19	10/22	10/25	10/28	10/30	11/02	11/05	11/11
<b>20</b>	10/23	10/28	11/01	11/02	11/05	11/07	11/11	11/15	11/19
<b>16</b>	11/01	11/04	11/08	11/11	11/14	11/17	11/20	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
<b>36</b>	158.0	153.0	148.0	144.0	140.0	137.0	134.0	129.0	122.0
<b>32</b>	178.0	171.0	167.0	163.0	159.0	156.0	152.0	147.0	140.0
<b>28</b>	201.0	194.0	189.0	184.0	180.0	177.0	172.0	167.0	161.0
<b>24</b>	221.0	213.0	208.0	204.0	200.0	195.0	191.0	185.0	179.0
<b>20</b>	238.0	231.0	226.0	221.0	217.0	213.0	209.0	203.0	197.0
<b>16</b>	252.0	245.0	240.0	236.0	232.0	228.0	223.0	218.0	212.0

-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