

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 1315 ft. Lat: 48.0508° N Lon: 92.7636° W

Station: **ORR 3E, MN US USC00216211**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	14.9	-7.9	3.5	5.3	8.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1595.8	1658.0	1750.8	1906.2	0.0	0.0	0.0	28.5	31.0	19.6
02	20.9	-6.1	7.4	6.1	9.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	1332.4	1388.5	1472.4	1612.7	0.0	0.0	0.2	23.7	28.0	18.4
03	33.8	8.3	21.1	5.1	6.5	5.7	1.2	0.8	0.3	0.0	0.0	0.0	1053.7	1115.3	1207.9	1362.5	0.0	0.0	4.1	13.3	29.9	9.9
04	48.0	23.1	35.5	5.0	3.6	4.1	1.4	0.7	0.3	0.0	0.0	0.0	585.0	644.3	733.8	883.5	0.0	0.0	12.6	4.1	26.9	0.9
05	61.2	35.1	48.2	3.8	3.3	3.4	33.8	22.0	10.5	2.0	0.3	0.0	246.3	296.4	378.0	524.3	0.0	0.0	25.8	0.1	15.5	0.0
06	70.9	45.7	58.3	2.4	2.7	2.4	140.4	100.9	54.9	12.3	1.6	0.6	41.7	62.1	106.2	213.4	0.0	0.0	29.8	0.0	2.5	0.0
07	75.3	50.7	63.0	3.2	2.3	2.5	254.4	199.3	126.4	43.1	7.5	2.6	6.6	13.5	33.7	105.2	0.0	0.3	31.0	0.0	0.0	0.0
08	74.0	48.0	61.0	2.2	2.3	2.0	202.9	154.8	95.7	30.5	5.1	1.5	17.1	31.0	65.0	154.6	0.0	0.2	31.0	0.0	0.3	0.0
09	64.3	41.4	52.9	3.3	3.1	2.9	72.8	51.4	28.3	7.1	1.3	0.6	137.5	176.0	243.1	371.7	0.0	0.1	29.1	0.0	5.0	0.0
10	49.5	30.7	40.1	4.2	3.2	3.4	7.6	4.2	1.7	0.1	0.0	0.0	469.6	528.1	618.6	772.0	0.0	0.0	15.1	1.8	17.7	0.0
11	33.4	17.4	25.4	6.4	5.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	888.1	948.1	1038.1	1188.1	0.0	0.0	3.6	14.2	27.4	2.8
12	20.7	2.2	11.4	5.5	7.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1349.8	1411.9	1504.8	1660.0	0.0	0.0	0.0	26.8	30.9	12.6
Summary	47.2	24.0	35.6	4.4	4.7	4.4	714	534	318	95	16	5	7724	8273	9152	10754	0.0	0.6	182.3	112.5	215.1	64.2

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	0.90	12.8	3.2	0.3	0.0	0.65	0.87	1.11
02	0.65	10.9	2.5	0.2	0.0	0.41	0.62	0.83
03	0.88	8.0	2.5	0.6	0.2	0.41	0.63	1.15
04	1.72	10.8	5.8	1.0	0.1	1.06	1.51	2.29
05	2.73	13.5	7.4	1.6	0.3	2.08	2.63	3.30
06	4.16	15.8	9.3	3.2	1.0	3.17	4.39	5.03
07	4.13	14.5	8.2	2.5	0.6	2.79	3.48	4.67
08	3.06	11.0	5.9	1.9	0.6	2.01	2.64	3.74
09	2.97	13.6	7.3	2.1	0.8	2.13	2.73	3.95
10	2.33	14.1	6.0	1.4	0.1	1.58	2.31	3.10
11	1.50	13.8	4.2	0.6	0.1	0.98	1.29	1.92
12	1.00	13.3	3.5	0.3	0.0	0.58	1.00	1.36
Summary	26.03	152.1	65.8	15.7	3.8	17.85	24.10	32.45

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.0	0.3	10.5	60.7	271.7	548.7	712.5	650.6	389.2	113.4	14.2	0.1
45	0.0	0.0	4.9	21.4	158.2	400.9	557.6	495.7	257.4	55.7	3.9	0.0
50	0.0	0.0	2.5	6.3	80.9	261.0	403.3	343.4	148.4	23.7	0.4	0.0
55	0.0	0.0	1.2	1.4	33.8	140.4	254.4	202.9	72.8	7.6	0.0	0.0
60	0.0	0.0	0.3	0.3	10.5	54.9	126.4	95.7	28.3	1.7	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.3	9.3	61.7	189.6	332.2	437.6	405.1	231.5	66.6	8.7	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	11	72	343	892	1604	2255	2644	2758	2772	2772
45	0	0	5	26	184	585	1143	1639	1896	1952	1956	1956
50	0	0	2	9	90	351	754	1097	1246	1270	1270	1270
55	0	0	1	3	36	177	431	634	707	714	714	714
60	0	0	0	1	11	66	192	288	316	318	318	318
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	10	71	261	593	1031	1436	1667	1734	1743	1743

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

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