

Summary of Monthly Normals
1991-2020

Generated on 04/26/2024

Current Location: Elev: 1382 ft. Lat: 47.9239° N Lon: 91.8586° W

Station: ELY, MN US USC00212543

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	15.2	-6.9	4.1	5.7	7.9	6.7	0.0	0.0	0.0	0.0	0.0	0.0	1575.6	1637.8	1730.9	1885.6	0.0	0.0	0.0	27.9	31.0	18.9
02	22.8	-4.9	9.0	5.7	6.3	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1289.1	1345.2	1429.3	1569.1	0.0	0.0	0.3	20.3	27.5	15.2
03	36.3	10.4	23.4	5.1	6.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	981.3	1043.3	1136.2	1291.3	0.0	0.0	4.9	9.5	29.2	8.4
04	50.6	25.4	38.0	4.7	3.4	3.8	3.6	2.1	1.0	0.1	0.0	0.0	513.6	572.1	661.0	810.2	0.0	0.0	17.8	1.0	23.8	0.1
05	65.2	38.0	51.6	3.6	3.4	3.2	64.6	45.1	25.0	6.1	0.5	0.0	170.0	212.5	285.4	421.5	0.0	0.2	28.3	0.0	9.4	0.0
06	75.4	48.9	62.1	2.9	1.9	2.3	231.4	182.8	118.5	45.6	12.5	6.3	17.5	28.7	54.4	131.6	0.0	0.9	29.8	0.0	0.3	0.0
07	78.9	53.3	66.1	4.3	2.6	3.3	346.1	287.2	205.0	96.8	29.7	16.4	2.1	5.2	15.9	62.8	0.2	3.7	31.0	0.0	0.0	0.0
08	77.9	52.2	65.1	2.8	2.5	2.5	314.2	255.5	174.5	71.0	22.0	13.2	3.2	6.3	18.2	70.0	0.0	2.0	31.0	0.0	0.1	0.0
09	67.6	43.8	55.7	3.3	3.1	2.9	110.5	82.0	49.3	16.1	4.3	2.5	89.7	121.1	178.4	295.3	0.0	0.5	29.2	0.0	2.8	0.0
10	51.6	32.4	42.0	3.9	2.9	3.2	10.8	7.0	3.0	0.3	0.0	0.0	413.9	472.0	561.0	713.4	0.0	0.0	16.3	0.3	17.9	0.0
11	34.5	18.6	26.5	5.6	5.3	5.3	0.1	0.0	0.0	0.0	0.0	0.0	853.6	913.5	1003.5	1153.5	0.0	0.0	3.8	10.6	26.9	1.6
12	20.7	2.9	11.8	5.0	7.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1338.9	1401.0	1494.0	1648.9	0.0	0.0	0.0	24.2	30.9	12.3
Summary	49.7	26.2	37.9	4.4	4.4	4.2	1081	862	576	236	69	38	7248	7759	8568	10053	0.2	7.3	192.4	93.8	199.8	56.5

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	1.06	11.4	3.0	0.2	0.0	0.69	1.09	1.29	
02	0.79	9.1	2.8	0.1	0.0	0.39	0.68	1.12	
03	1.34	8.6	3.4	0.7	0.0	0.98	1.28	1.71	
04	2.27	9.5	5.0	1.4	0.4	1.21	2.26	2.89	
05	2.99	14.0	7.8	1.9	0.4	2.38	2.69	3.45	
06	4.23	14.9	8.8	2.4	0.6	3.25	4.18	5.27	
07	4.50	12.6	7.9	3.0	0.8	3.55	4.32	5.05	
08	3.41	11.1	6.5	2.4	0.9	2.44	3.47	3.96	
09	4.82	12.2	5.9	2.2	0.9	2.51	4.74	6.71	
10	2.87	14.4	8.1	1.9	0.4	2.06	2.74	3.66	
11	1.70	10.0	4.3	0.8	0.1	1.11	1.50	2.04	
12	1.32	11.4	3.8	0.5	0.1	0.84	1.14	1.82	
Summary	31.30	139.2	67.3	17.5	4.6	21.41	30.09	38.97	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	13.80	12.1	4.2	1.2	0.4	0.0					9.00	10.90	15.60
02	9.30	8.7	3.2	0.5	0.2	0.0					5.90	9.30	10.70
03	8.40	5.7	2.8	0.6	0.3	0.0					5.40	7.50	9.70
04	7.70	3.2	1.8	0.8	0.3	0.1					2.40	5.60	7.10
05	0.30	0.4	0.1	0.0	0.0	0.0					0.00	0.00	0.30
06	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	2.10	2.1	0.9	0.2	0.0	0.0					0.00	1.30	3.30
11	9.80	6.8	2.8	0.9	0.2	0.0					2.60	10.80	16.00
12	13.20	11.7	4.9	1.1	0.4	0.0					7.70	13.10	15.70
Summary	64.6	50.7	20.7	5.3	1.8	0.1	0.0	0.0	0.0	0.0	33.0	58.5	78.4

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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	0.2	9.1	85.2	371.3	664.0	809.0	776.1	472.8	140.2	10.0	0.0
45	0.0	0.0	1.4	37.3	241.2	514.2	654.0	621.2	331.7	69.7	2.5	0.0
50	0.0	0.0	0.0	13.2	136.1	366.9	499.0	466.5	206.8	29.8	0.4	0.0
55	0.0	0.0	0.0	3.6	64.6	231.4	346.1	314.2	110.5	10.8	0.1	0.0
60	0.0	0.0	0.0	1.0	25.0	118.5	205.0	174.5	49.3	3.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.4	10.3	79.3	247.2	411.4	506.2	483.0	281.6	83.7	7.7	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	9	94	466	1130	1939	2715	3188	3328	3338	3338
45	0	0	1	39	280	794	1448	2069	2401	2471	2473	2473
50	0	0	0	13	149	516	1015	1482	1688	1718	1719	1719
55	0	0	0	4	68	300	646	960	1070	1081	1081	1081
60	0	0	0	1	26	144	350	524	573	576	576	576
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	11	90	337	749	1255	1738	2019	2103	2111	2111

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

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