

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1250 ft. Lat: 45.3050° N Lon: 94.9392° W
Station: **NEW LONDON, MN US USC00215842**
Generated on 04/28/2024

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	20.3	1.4	10.9	5.3	6.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1368.3	1430.3	1523.4	1678.5	0.0	0.0	0.1	25.0	30.9	13.2
02	25.2	4.7	14.9	6.7	7.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	1121.1	1177.1	1261.3	1401.4	0.0	0.0	0.6	17.3	27.2	8.3
03	38.0	17.4	27.7	5.8	6.0	5.8	0.6	0.3	0.1	0.0	0.0	0.0	846.8	908.6	1001.3	1156.3	0.0	0.0	5.9	8.5	26.7	2.6
04	54.1	31.3	42.7	5.2	4.0	4.5	18.6	11.9	5.5	1.1	0.1	0.0	387.6	440.9	524.5	670.1	0.0	0.1	21.2	0.5	13.9	0.0
05	68.3	45.5	56.9	3.6	3.2	3.2	143.8	110.4	70.9	29.0	8.2	4.2	85.1	113.7	167.1	280.1	0.0	0.7	30.2	0.0	1.8	0.0
06	77.5	56.7	67.1	2.6	2.4	2.3	367.0	310.8	232.5	120.5	47.1	28.6	4.2	8.1	19.6	57.6	0.0	2.1	29.9	0.0	0.0	0.0
07	81.6	61.3	71.5	2.8	2.3	2.5	509.8	447.8	355.5	209.8	94.6	62.1	0.0	0.0	0.6	9.8	0.0	3.7	31.0	0.0	0.0	0.0
08	79.7	59.3	69.5	2.6	2.0	2.1	449.9	388.8	298.7	160.7	59.4	35.2	0.6	1.5	4.3	21.2	0.0	2.2	31.0	0.0	0.0	0.0
09	72.1	49.9	61.0	3.0	3.1	2.9	218.8	176.1	120.7	53.2	15.7	7.7	39.1	56.4	90.9	173.3	0.0	0.7	29.8	0.0	0.3	0.0
10	56.5	35.3	45.9	4.1	2.9	3.2	32.0	21.7	11.0	2.4	0.2	0.0	314.0	365.7	448.1	594.5	0.0	0.0	23.9	0.3	8.9	0.0
11	39.4	22.4	30.9	6.6	5.0	5.7	1.1	0.6	0.1	0.0	0.0	0.0	724.1	783.5	873.1	1023.0	0.0	0.0	6.0	9.4	24.5	0.8
12	25.0	8.5	16.8	5.8	6.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1185.4	1247.4	1340.5	1495.6	0.0	0.0	0.5	20.5	30.8	7.9
Summary	53.1	32.8	43.0	4.5	4.2	4.2	1742	1468	1095	577	225	138	6076	6533	7255	8561	0.0	9.5	210.1	81.5	165.0	32.8

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	0.87	5.3	3.1	0.4	0.1	0.34	0.83	1.20
02	0.97	4.6	3.0	0.4	0.1	0.42	0.75	1.53
03	1.84	6.2	4.4	1.4	0.2	1.13	1.69	2.46
04	3.05	7.2	5.6	2.5	1.1	1.47	2.95	3.97
05	3.53	9.7	6.9	2.2	0.7	2.62	3.49	4.44
06	4.89	10.7	8.2	3.4	1.3	3.24	4.31	6.61
07	4.15	8.9	6.6	2.7	1.3	2.95	3.55	4.97
08	3.53	8.1	5.6	2.4	1.2	2.63	3.31	4.23
09	3.47	8.6	6.2	2.1	0.9	1.90	2.93	4.72
10	2.60	7.1	5.5	1.6	0.6	1.34	2.92	3.56
11	1.58	4.9	3.4	1.1	0.4	0.59	1.53	2.17
12	0.90	5.0	2.8	0.2	0.0	0.48	0.79	1.21
Summary	31.38	86.3	61.3	20.4	7.9	19.11	29.05	41.07

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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	10.30	5.7	4.4	1.3	0.6	0.0	26.3	21.2	16.9	7.9	3.10	8.40	14.90
02	9.10	4.0	3.1	1.1	0.7	0.0	24.6	22.3	16.2	8.9	4.00	5.10	12.50
03	8.40	3.6	2.9	1.2	0.5	0.0	16.1	12.1	9.3	4.6	4.00	7.80	11.80
04	4.70	1.3	1.2	0.8	0.3	0.0	1.8	1.0	0.4	0.1	1.50	4.00	6.50
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	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	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.80	0.6	0.4	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.90
11	9.00	2.9	2.4	1.2	0.6	0.1	7.3	5.5	3.0	1.1	0.00	9.50	15.00
12	7.90	4.8	3.3	0.7	0.4	0.0	20.2	15.0	10.3	2.6	3.20	8.00	11.30
Summary	50.2	22.9	17.7	6.4	3.1	0.1	96.4	77.2	56.1	25.2	15.8	42.8	72.9

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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	0.8	21.9	168.0	525.8	812.8	974.8	914.3	630.5	236.0	40.2	0.9
45	0.0	0.2	7.7	93.4	380.4	662.7	819.7	759.3	483.2	138.2	16.6	0.1
50	0.0	0.1	2.5	45.6	249.9	513.3	664.8	604.3	343.5	71.7	5.4	0.0
55	0.0	0.0	0.6	18.6	143.8	367.0	509.8	449.9	218.8	32.0	1.1	0.0
60	0.0	0.0	0.1	5.5	70.9	232.5	355.5	298.7	120.7	11.0	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.9	17.9	111.2	313.9	516.5	651.1	600.3	384.5	141.0	26.0	0.6

Growing Degree Units (Accumulated Monthly)												
40	0	1	23	191	716	1529	2504	3418	4049	4285	4325	4326
45	0	0	8	101	482	1144	1964	2723	3207	3345	3361	3361
50	0	0	3	48	298	811	1476	2080	2424	2496	2501	2501
55	0	0	1	19	163	530	1040	1490	1708	1740	1742	1742
60	0	0	0	6	76	309	664	963	1084	1095	1095	1095
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	19	130	444	960	1612	2212	2596	2737	2763	2764

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