

**Weather patterns** can vary dramatically from the average. Prairie regions, for instance, are defined by their high variability. On an annual basis, prairies record the hottest summer and the coolest winter temperatures. Boreal forests have a moderating effect on weather patterns. Average or mean temperature and rainfall are shown, but expect variability around these averages.

**Temperature averages** (degrees Fahrenheit) – Mean maximum / minimum monthly temperature for each month at several cities in Northern Minnesota. The cities are presented from northeast to southwest.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
International Falls	<u>13.8</u> -8.4	<u>22.4</u> -0.7	<u>34.9</u> 12.3	<u>51.5</u> 27.1	<u>66.6</u> 40.0	<u>74.2</u> 49.1	<u>78.6</u> 53.6	<u>76.3</u> 51.3	<u>64.7</u> 41.6	<u>51.7</u> 31.5	<u>32.5</u> 16.4	<u>18.1</u> -1.1
Karlstad	<u>10.9</u> -9.8	<u>18.9</u> -1.9	<u>32.2</u> 13.6	<u>51.2</u> 29.4	<u>67.1</u> 42.9	<u>75.1</u> 51.4	<u>79.4</u> 55.4	<u>78.5</u> 52.9	<u>67.2</u> 43.4	<u>52.8</u> 32.9	<u>31.7</u> 16.5	<u>16.2</u> -0.9
Thief River Falls	<u>12.1</u> -5.6	<u>20.6</u> 1.8	<u>33.6</u> 15.2	<u>53.1</u> 29.8	<u>69.5</u> 42.7	<u>76.7</u> 52.1	<u>81.0</u> 56.2	<u>79.7</u> 54.6	<u>68.0</u> 44.8	<u>54.0</u> 33.3	<u>31.6</u> 17.2	<u>17.5</u> 1.0
Bemidji	<u>16.1</u> -4.3	<u>24.0</u> 2.6	<u>36.0</u> 16.0	<u>52.6</u> 29.5	<u>67.5</u> 42.6	<u>74.6</u> 51.9	<u>78.7</u> 57	<u>76.6</u> 54.6	<u>65.9</u> 45.3	<u>53.5</u> 35	<u>33.9</u> 19.0	<u>20.7</u> 3.3
Itasca State Park	<u>14.7</u> -9.0	<u>23.1</u> -2.6	<u>34.6</u> 11.0	<u>50.8</u> 25.0	<u>65.8</u> 39.1	<u>74.0</u> 49.4	<u>78.4</u> 53.7	<u>76.9</u> 51.6	<u>65.7</u> 40.9	<u>52.6</u> 30.1	<u>33.0</u> 15.3	<u>19.2</u> -0.5
Detroit Lakes	<u>16.4</u> -4.3	<u>24.1</u> 3.2	<u>36.7</u> 17.1	<u>54.8</u> 31.2	<u>69.4</u> 44.3	<u>76.1</u> 53.1	<u>80.5</u> 58	<u>79.1</u> 56.6	<u>69.1</u> 46.8	<u>55.9</u> 35.5	<u>35.1</u> 20.0	<u>21.0</u> 3.7
Wheaton	<u>20.8</u> 0.9	<u>28.0</u> 8.5	<u>39.7</u> 21.0	<u>57.9</u> 34.2	<u>72.3</u> 47.1	<u>80.2</u> 56.7	<u>84.9</u> 61.0	<u>83.5</u> 59.1	<u>74.2</u> 49.0	<u>60.9</u> 37.0	<u>39.6</u> 21.6	<u>25.6</u> 7.3

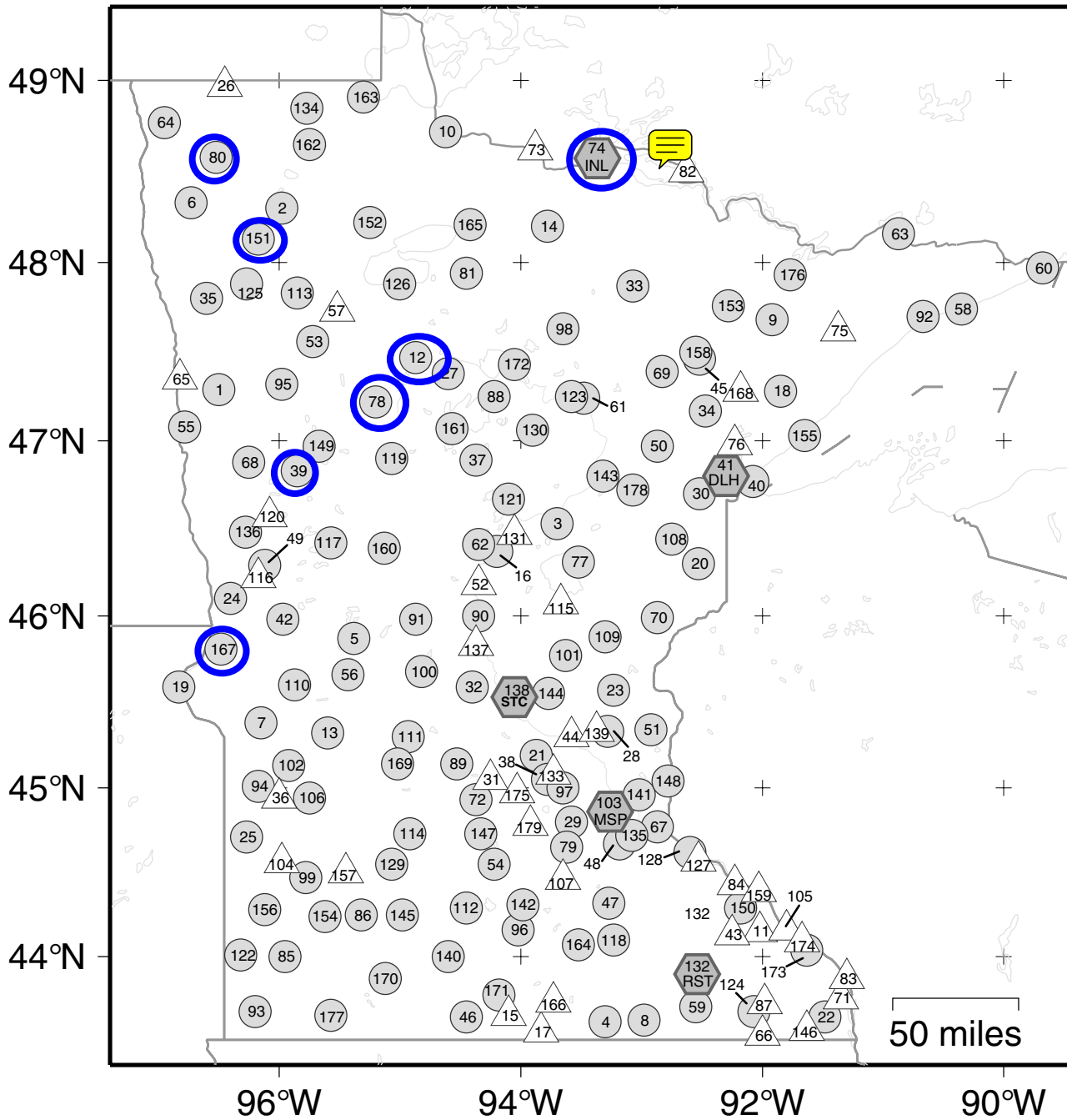
Data source: National Climate Data Center, Asheville, North Carolina

**Precipitation averages** (inches) – Mean monthly precipitation for each month at several cities in Northern Minnesota. The cities are presented from northeast to southwest.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
International Falls	0.84	0.64	0.96	1.38	2.55	3.98	3.37	3.14	3.03	1.98	1.36	0.70
Karlstad	0.53	0.34	0.66	1.11	2.11	3.45	3.28	2.10	2.16	1.49	0.83	0.50
Thief River Falls	0.22	0.28	0.44	0.96	2.59	3.39	3.43	3.14	2.44	1.68	0.86	0.26
Bemidji	0.69	0.57	0.86	1.52	2.67	4.09	4.33	3.50	2.75	2.26	1.12	0.63
Itasca State Park	0.90	0.63	1.34	1.74	2.81	4.30	3.92	3.71	2.98	2.55	1.41	0.75
Detroit Lakes	0.76	0.57	1.15	1.54	2.97	4.41	4.03	3.67	3.02	2.5	1.10	0.64
Wheaton	0.92	0.55	1.50	1.95	2.54	3.77	3.11	2.53	2.10	1.87	1.16	0.54

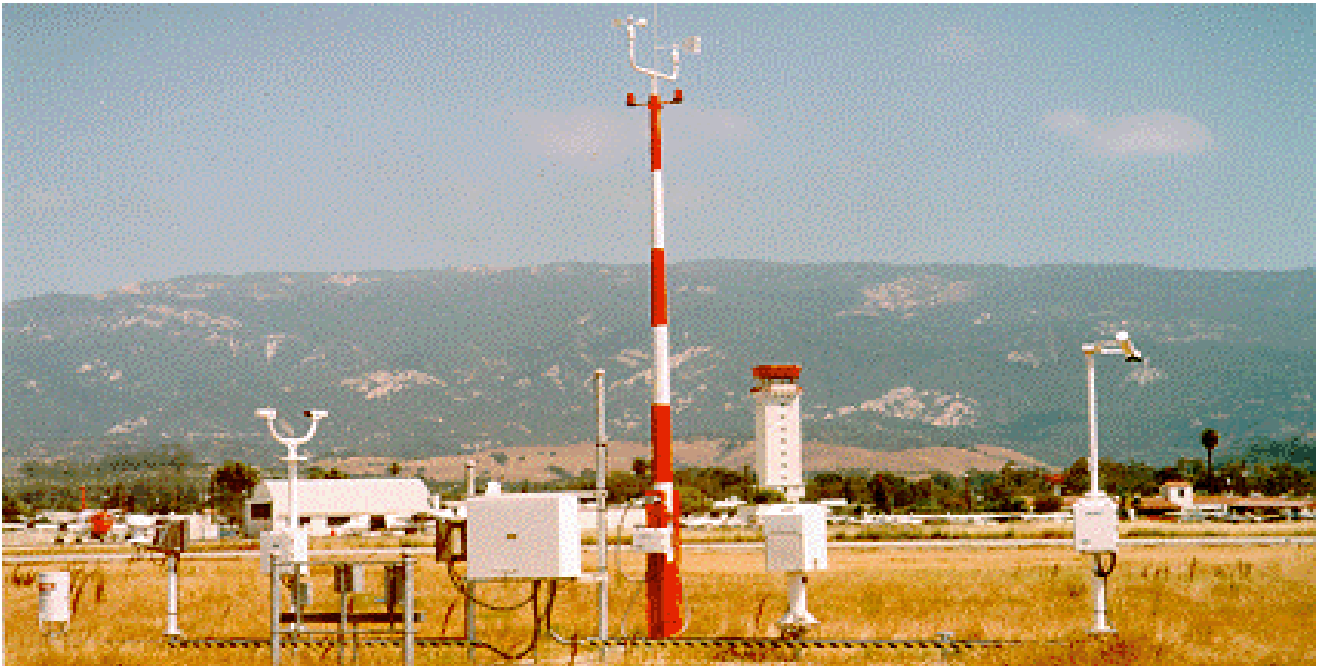
Data source: National Climate Data Center, Asheville, North Carolina

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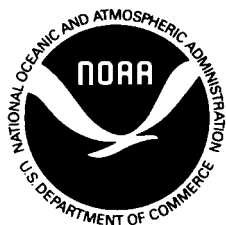




**Monthly Station Normals  
of Temperature, Precipitation,  
and Heating and Cooling  
Degree Days  
1971 - 2000**



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MINNESOTA**



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