

# Automated Weather Observation Systems (AWOS) & Automated Surface Observation Systems (ASOS)

Airport	Facility/Frequency	Phone Number
Aitkin.....	VHF 118.675.....	218-927-2101
Albert Lea.....	VOR 109.8.....	507-377-1583
Alexandria.....	VHF 118.375.....	320-763-7174
Appleton.....	NDB 356.....	320-289-1265
Austin.....	VHF 119.025.....	507-433-6667
Baudette.....	VHF 126.775.....	218-634-3080
Bemidji.....	VOR 110.0.....	218-755-2575
Benson.....	NDB 239.....	320-843-3242
Bigfork.....	NDB 345.....	218-743-3289
Brainerd.....	VHF 126.775.....	218-828-3314
Buffalo.....	VHF 120.450.....	763-684-0762
Cambridge.....	VHF 121.125.....	763-689-9562
Canby.....	VHF 118.575.....	507-223-5293
Cloquet.....	VHF 118.525.....	218-879-0783
Cook.....	VHF 118.175.....	218-666-2539
Crane Lake.....	NDB 385.....	218-993-2467
Crookston.....	NDB 400.....	218-281-3018
Detroit Lakes.....	VOR 111.2.....	218-847-8626
Dodge Center.....	VHF 119.075.....	507-374-6369
Duluth Int'l.....		218-723-8340
Duluth Sky Harbor.....	VHF 119.275.....	218-720-4886
Elbow Lake.....	VHF 118.075.....	218-685-6456
Ely.....	VHF 132.025.....	218-365-3814
Eveleth.....	VOR 108.2.....	218-744-2369
Fairmont.....	VOR 110.2.....	507-238-1562
Faribault.....	VOR 111.2.....	507-332-2505
Fergus Falls.....	VOR 110.4.....	218-736-7216
Flag Island.....	VHF 118.375.....	218-223-4023
Fosston.....	NDB 224.....	218-435-6448
Glencoe.....	NDB 407.....	320-864-5830
Glenwood.....	NDB 346.....	320-634-5660
Grand Marais.....	VHF 119.925.....	218-387-1971
Grand Rapids.....	VHF 118.425.....	218-326-8337
Granite Falls.....	VHF 120.10.....	320-564-9388
Hallock.....	VHF 126.475.....	218-843-2415
Hibbing.....	VHF 126.425.....	218-263-8384
Hinckley.....	VHF 118.225.....	320-384-6169
Hutchinson.....	VHF 118.525.....	320-587-3343
International Falls.....	VHF 120.0.....	218-285-2996
Jackson.....	NDB 353.....	507-847-5810
Litchfield.....	VOR 109.0.....	320-693-6456
Little Falls.....	NDB 359.....	320-632-6791
Long Prairie.....	VHF 118.65.....	320-732-3508
Longville.....	VHF 118.275.....	218-363-3347
Luverne.....	VHF 119.825.....	507-283-5027
Madison.....	NDB 341.....	320-598-3863
Mankato.....	VOR 110.8.....	507-625-3726
Maple Lake.....	VHF 128.325.....	320-963-3300
Marshall.....	VOR 111.0.....	507-532-5269
McGregor.....	VHF 119.575.....	218-768-2593
Minneapolis-LVN.....	VHF 118.0.....	952-469-5850
Minneapolis-ANE.....	VHF 120.625.....	763-780-9025
Minneapolis-MIC.....		763-531-2343

<b>Airport</b>	<b>Facility/Frequency</b>	<b>Phone Number</b>
Minneapolis-FCM .....		952-941-4156
Minneapolis-MSP .....		612-725-0939
Montevideo .....	VOR 111.6 .....	320-269-5830
Moorhead .....	VHF 120.0 .....	218-287-5049
Moose Lake .....	NDB 362 .....	218-485-5199
Mora .....	NDB 327 .....	320-679-1629
Morris .....	VOR 109.6 .....	320-589-1303
New Ulm .....	VHF 118.325 .....	507-359-1656
Olivia .....	VHF 119.275 .....	320-523-5924
Orr .....	VHF 118.325 .....	218-757-3169
Ortonville .....	NDB 332 .....	320-839-2363
Owatonna .....	VHF 128.325 .....	507-455-0642
Park Rapids .....	VOR 110.6 .....	218-732-0920
Paynesville .....	VHF 120.35 .....	320-243-4538
Pine River .....	VHF 118.525 .....	218-587-3420
Pipestone .....	VHF 118.375 .....	507-825-6895
Preston .....	VHF 118.55 .....	507-765-2182
Princeton .....	VHF 119.025 .....	763-389-0615
Red Wing .....	VHF 119.250 .....	715-594-3763
Redwood Falls .....	VHF 126.575 .....	507-644-3564
Rochester .....		507-285-0298
Roseau .....	VOR 108.8 .....	218-463-1803
Rush City .....	NDB 282 .....	320-358-3339
St. Cloud .....	VOR 112.1 .....	320-240-8781
St. James .....	NDB 260 .....	507-375-7105
St. Paul-STP .....		651-298-1410
St. Paul-21D .....	VHF 120.075 .....	651-779-5949
Sauk Centre .....	VHF 118.475 .....	320-352-0136
Silver Bay .....	NDB 350 .....	218-226-3537
Slayton .....	VHF 118.55 .....	507-836-6128
South St. Paul .....	VHF 119.425 .....	651-457-8120
Stanton .....	VHF 119.35 .....	507-664-3806
Staples .....	VHF 118.325 .....	218-894-3666
Thief River Falls .....	VOR 108.4 .....	218-681-1918
Tracy .....	VHF 120.0 .....	507-629-9006
Two Harbors .....	VHF 119.325 .....	218-834-6591
Wadena .....	VHF 128.325 .....	218-631-7774
Warroad .....	VHF 119.925 .....	218-386-1813
Waseca .....	VHF 118.425 .....	507-835-3657
Waskish .....	VHF 124.175 .....	218-647-8415
Wheaton .....	NDB 326 .....	320-563-4975
Willmar .....	VOR 113.7 .....	320-235-8287
Windom .....	VHF 118.525 .....	507-831-1833
Winona .....	VOR 111.4 .....	507-453-2991
Worthington .....	VOR 110.6 .....	507-376-9441

The State of Minnesota, Office of Aeronautics, Navigation Systems Section has installed Automated Weather Observation Systems (AWOS) at the locations listed above. The equipment, installation, and maintenance of these systems is funded entirely by this office.

From an optimum location on the airport, the AWOS measures and reports wind direction and speed, visibility, sky condition, temperature, dew point, type of precipitation, lightning strikes and barometric pressure which is converted into an altimeter setting. Current weather information can be obtained by telephoning the AWOS site. A computer generated voice relays up-to-the-minute observations.

The AWOS data is visually displayed on a remote computer monitor at the airport, and is simultaneously broadcast over the local radio navigation aid or a VHF transmitter for in-flight use. Data is gathered in 20-minute intervals from each AWOS site (ASOS data is gathered hourly with specials) and distributed nationally over an FAA NADIN computer network, allowing these reports to become available through computer weather systems such as MnWAS.

Where installed, the AWOS or ASOS is an official weather reporting source, and is approved without restriction for FAR Part 121 and 135 operations. If you have any questions regarding the AWOS, please contact Bob Milton at 651-234-7250.