

**AERMET Surface Meteorology Stations  
(2004-2008)**

Station Call Sign	Station Name	Station ID	Station Location		Station Elev. (m)	Recommended Upper-air Site	TADJUST Upper-air*
			Lat	Long			
CYEN	Estevan (CAN)	94057	49.217° N	102.967° W	581.0	Glasgow	6
KABR	Aberdeen (SD)	14929	45.45° N	98.421° W	396.2	Aberdeen	6
KBHK	Baker (MT)	94055	46.333° N	104.25° W	902.0	Glasgow	7
KBIS	Bismarck	24011	46.774° N	100.748° W	506.0	Bismarck	6
KDIK	Dickinson	24012	46.797° N	102.802° W	787.3	Bismarck	7
KDVL	Devils Lake	24015	48.117° N	98.917° W	443.0	Bismarck	6
KETH	Wheaton (MN)	24017	45.78° N	96.534° W	313.0	Aberdeen	6
KFAR	Fargo	14914	46.925° N	96.811° W	274.0	Aberdeen	6
KGFK	Grand Forks	14916	47.949° N	97.176° W	253.6	International Falls	6
KHCO	Hallock (MN)	24018	48.783° N	96.95° W	250.0	International Falls	6
KHEI	Hettinger	94038	46.017° N	102.65° W	824.0	Bismarck	7
KISN	Williston	94014	48.195° N	103.642° W	580.6	Glasgow	6
KJMS	Jamestown	14919	46.93° N	98.678° W	455.4	Bismarck	6
KMBG	Mobridge (SD)	94052	45.533° N	100.433° W	508.0	Bismarck	6
KMOT	Minot	24013	48.259° N	101.281° W	522.4	Bismarck	6
KSDY	Sidney (MT)	24021	47.707° N	104.184° W	605.0	Glasgow	7

\* Time zone adjustment for AERMET Stage 1 upper-air station input (6 = Central Time, 7 = Mountain Time), consistent with recommended upper-air site. As long as the surface station and project are located in the same time zone, the TADJUST value for Stage 1 surface station input is zero.

Notes:

- 1) Locations of met. stations are shown on the attached map.
- 2) Anemometer height for all stations is 10.0 meters.
- 3) Actual selection of upper-air site should be based on proximity to project location.
- 4) The AERMOD PROFBASE input should be set to the project site elevation.
- 5) Surface station data are in "CD144" format.
- 6) Station ID has been changed to WBAN code from abbreviated WMO code (ID is also changed in CD144 met files, 1/18/12), for compatibility with AERMET Version 11059.

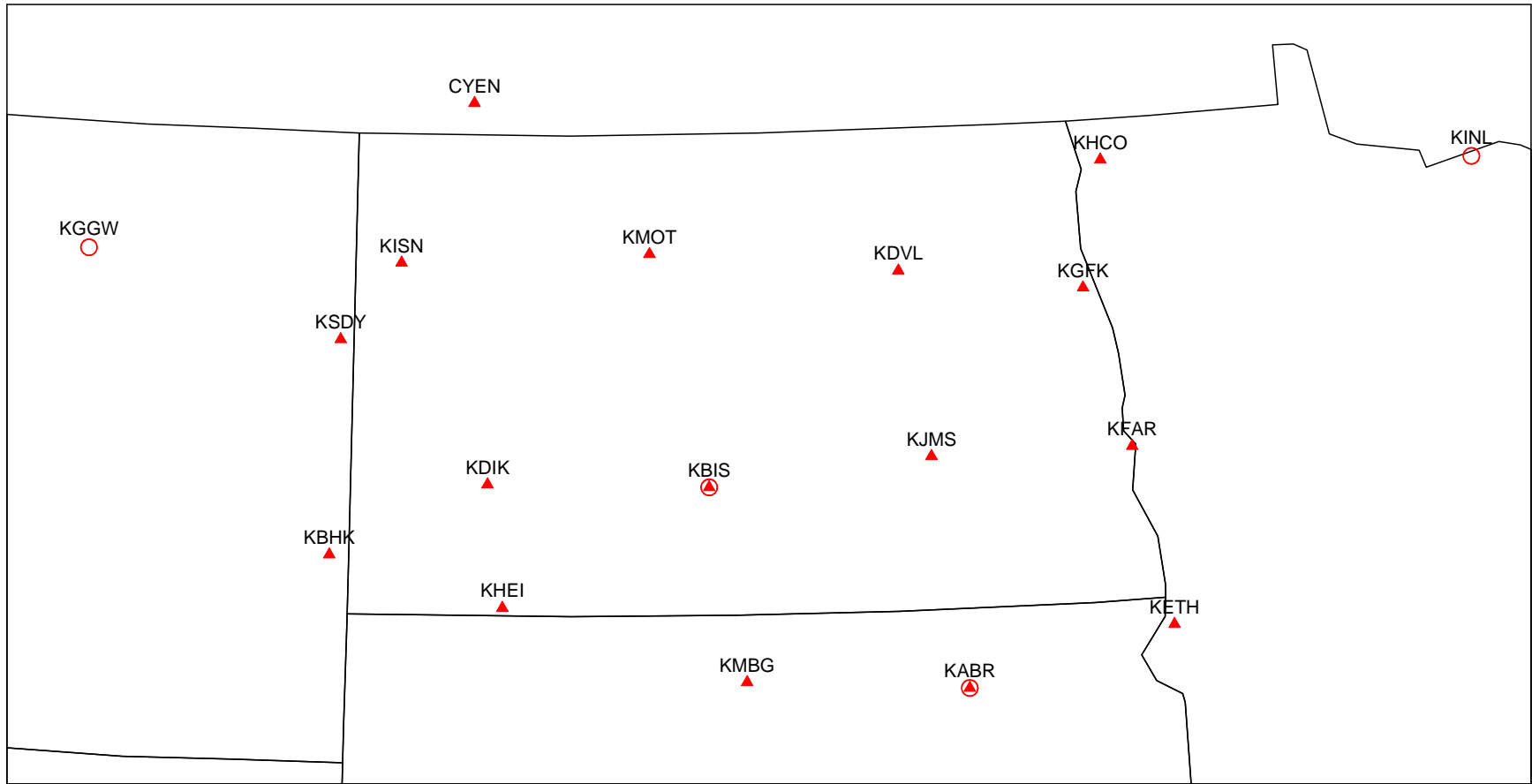
**AERMET Upper-Air Meteorology Stations  
(2004-2008)**

<b>Station Call Sign</b>	<b>Station Name</b>	<b>Station ID</b>	<b>Location</b>	
			<b>Lat</b>	<b>Long</b>
KABR	Aberdeen (SD)	14929	45.45° N	98.421° W
KBIS	Bismarck	24011	46.774° N	100.748° W
KGGW	Glasgow (MT)	94008	48.214° N	106.621° W
KINL	International Falls (MN)	14918	48.57° N	93.38° W

Notes:

- 1) Upper-air station data are in "FSL" format.

# AERMET Met Station Locations (2004-2008 data)



- ▲ Surface Station
- Upper-air Station
- ⊕ Surface + Upper-air Station

