**Readme file for raw sonic data from Ken Clark**

**Raw sonic files are comma delimited (\*.csv) files**

**Data are collected at 10 Hz**

**Variables:**

**U = north/south wind velocity, meters s-1**

**V = east/west wind velocity, meters s-1**

**W = vertical wind velocity, meters s-1 (plus is up, negative is down)**

**Airtemp = sonic air temperature, calculated from speed of sound measurements, °C**

**CO2 = mixing ratio for CO2, µmol CO2 mol-1**

**H2O = mixing ration of H2O, mmol H2O mol-1**

**Code = error code for sonic sensor paths; 0 = good data**

**Files are 24-hour files, starting at midnight (00:00:00 am). 10 Hz files are 864,000 lines long, with one extra line for the header.**