SHEBA Fluxtower Raw data files

yrday.log (e.g. 97335.log) – data acquisition logfile – shows when errors occurred

yrdayhr.p01 -minisodar output

yrdayhr.p02 - .p06 – 10Hz sonic anemometer raw data for levels 1-5 (lowest to highest)

(e.g., 9736003.p03 – raw 10 Hz sonic data output from the #2 sonic from the bottom at about 3.19 m height from Dec 26, 1997, for the hour 03-04 UTC)

 Sonic(hgt)
 date starttime (hh:mm:ss:mis)

 U V W T (U,V,W in m/s, T in deg C)

 Many records

 Date endtime

yrdayhr.p07 - GPS output

yrdayhr.p08 – Ophir fast hygrometer output

yrdayhr.p09 – Campbell scientific data logger output of basic met and radiometers on/near flux tower

 – 1-minute averages of 1-sec sampling by Campbell Scientific data logger

yrdayhr.sta – real-time 10-min statistics of a variety of parameters – parameters/units specified
 - very legible; includes 10-min averages of Campbell Scientific data

 - this is the data set generally used as the published data

**NOTE:**  This data has not been processed nor quality controlled. It is the raw output from the sensors deployed by the ASFG group at SHEBA (E. Andreas, C. Fairall, P. Guest, and O. Persson). The processing and QC necessary for this data to be reliable is described by Persson et al. (2002; JGR). Some later studies (e.g., Grachev et al 2007, 2008; Persson 2012, Clim Dyn.) use the QC’d data and/or do some additional QCing as described in those papers.