**There is an IDL save file for each of the six (6) ARISTO 2016 flights**

conc\_flight\_v7\_ARISTO2016rf06\_20160816144855\_.sav

conc\_flight\_v7\_ARISTO2016rf05\_20160812184857\_.sav

conc\_flight\_v7\_ARISTO2016rf04\_20160810151328\_.sav

conc\_flight\_v7\_ARISTO2016rf03\_20160809154421\_.sav

conc\_flight\_v7\_ARISTO2016rf02\_20160808144344\_.sav

conc\_flight\_v7\_ARISTO2016rf01\_20160802035242\_.sav

**Variables in IDL save file**

**uhsas\_sav\_second**

UTC Seconds since 0 hour, 0 minute, 0 second on January 1, 2016

Double precision vector

Size = number of UHSAS samples (nominally, 0.33 Hz sampling)

**uhsas\_sav\_dlog10d**

Logarithmic width of the UHSAS channel (base 10 logarithm)

Floating point vector

Size = 99

**uhsas\_sav\_D\_um**

Particle diameter, in micrometer, at the midpoint of the 99 UHSAS channels

Floating point vector

Size = 99

**uhsas\_sav\_conc**

Concentration (# of particles per cubic centimeter ambient derived using the UHSAS P, T, and STP aerosol sample flow rate) in the 99 UHSAS channels

Floating point array

Size = number of UHSAS samples X 99

Look here:

http://www-das.uwyo.edu/~jsnider/ARISTO2016/