

UWFPS 2017 Summer Teleconference #3

July 27, 2017

1. Updates (data mtg, dates)
2. Data archiving & status
3. John Sohl



UWFPS Data Meeting, August 28-29

University of Utah

<https://esrl.noaa.gov/csd/groups/csd7/measurements/2017uwfps/meetings/>

Data Meeting, 28-29 August 2017 Salt Lake City, UT

Accommodations: University Guest House and Conference Center, University of Utah. Call 1-888-416-4075 by 5pm Friday, **28 July 2017** to make reservations, and mention the group name "Particulate Study Science Meeting"

- Please let Steve or Munkh know if you intend to give a presentation at the data meeting (remotely or in person)
- Please also let us know ASAP if travel support is an issue for your attendance

Important Dates / Data Archiving

August 1, 2017:	Preliminary data submission deadline
August 2, 2017:	AGU fall meeting abstracts due (Session A008, Air pollution in urban airsheds)
August 28-29, 2017:	Data Meeting, University of Utah
September 15, 2017:	Draft report to UDAQ
October 1, 2017:	Final data submission deadline
December 11-15, 2017:	Fall AGU meeting, New Orleans
March 1, 2018:	Final report to UDAQ

Data archiving and access instructions can be found at:















https://esrl.noaa.gov/csd/groups/csd7/measurements/2017uwfps/TwinOtter/UWFPS_DataInstructions.pdf

username: uwfps

password: S@ltLake!



Twin Otter Archive Status

- Flight data has been updated from RA to RB, but is still not final due to issues with data quality for winds. Still working with NOAA / AOC to determine if improvement in wind data derived from the met probe are possible. RB data has been posted that is:
 - Final for all parameters except wind and true air speed
 - Data gaps from in-field data have been eliminated
- Still waiting for TOF CIMS and NH3 data / updates. TOF CIMS should be close now that aircraft data have been posted.







All  			
FlightData	 	RB	<input type="checkbox"/> AmbTemp <input type="checkbox"/> GPSAlt <input type="checkbox"/> GPSLat <input type="checkbox"/> GPSLon <input type="checkbox"/> Heading <input type="checkbox"/> Pitch <input type="checkbox"/> RelHumidity <input type="checkbox"/> Roll <input type="checkbox"/> StaticPrs <input type="checkbox"/> TrueAirspd <input type="checkbox"/> VertWindSpd <input type="checkbox"/> WindDir <input type="checkbox"/> WindSpd
AMS	 	R0	<input type="checkbox"/> AMS_SO4 <input type="checkbox"/> AMS_NO3 <input type="checkbox"/> AMS_NH4 <input type="checkbox"/> AMS_Org <input type="checkbox"/> AMS_ChI <input type="checkbox"/> AMS_Total
NOxCaRD	 	R0	<input type="checkbox"/> NO_ppbv <input type="checkbox"/> NO2_ppbv <input type="checkbox"/> NOy_ppbv <input type="checkbox"/> O3_ppbv
NH3	 	RB	<input type="checkbox"/> NH3_ppbv
UHSAS	 	R0	<input type="checkbox"/> NumConcTotal_n_cm3 <input type="checkbox"/> SurfConcTotal_um2_cm3 <input type="checkbox"/> VolConcTotal_um3_cm3
UWTOFCIMS1	 	RA	<input type="checkbox"/> n2o5_pptv <input type="checkbox"/> clno2_pptv <input type="checkbox"/> hono_pptv <input type="checkbox"/> hno3_pptv

Ground Sites Archive Status



Hawthorne Ground Site

Species	Organization	File	Revision	Modification Date
Trace gases, PM2.5	Utah DAQ	 	R0	20170516



Logan, Cache Valley Ground Site

Species	Organization	File	Revision	Modification Date
High-Res TOF Aerosol Mass Spectrometer	US EPA	 	RA	20170724
Picarro NH3, CH4, CO2 1 hr avg	Utah State University	 	RA	20170724
Picarro NH3, CH4, CO2 1 min avg	Utah State University	 	RA	20170725









North Provo Ground Site

Species	Organization	File	Revision	Modification Date
Trace gases, PM2.5	Utah DAQ	 	R0	20170516





Smithfield Ground Site

Species	Organization	File	Revision	Modification Date
Trace gases, PM2.5	Utah DAQ	 	R0	20170516

University of Utah Ground Site

Species	Organization	File	Revision	Modification Date
AIM-IC	Univ. of Toronto	 	RA	20170207
AIM-IC-NH4	Univ. of Toronto	 	RA	20170711
HCHO	US EPA	 	RA	20170213
Trace gases, PM2.5	Univ. of Utah	 	RA	20170519

All Sites

Species	Organization	File	Revision	Modification Date
Daily PM2.5	Univ. of Utah	 	R0	20170519
Hourly PM2.5	Univ. of Utah	 	R0	20170519