

WFM Infrastructure Meeting

September 11, 2017

Agenda

1. Pilot Study

- Data! <http://atmoschem.asrc.cestm.albany.edu/~cpoc/>
- Links! http://atmoschem.asrc.cestm.albany.edu/~cpoc/Helpful_Links.html
- Soon to start CPOC data meetings. Biweekly?

2. Infrastructure

- Elevator
- Radio equipment
- Prep for Winter Season

3. Related Matters

- Met towers
- Ceilometer
- ibutton sensors
- Lidar and Sunphotometer
- Sprinter van

WFM Pilot Study - August 2017

Chemical Processing of Organics within Clouds (CPOC)

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|--------|---------|-----------|----------|--------|----------|--------|
| 31 | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 ⚡ | 13 ⚡★♥ |
| 14 | 15 ⚡★♥ | 16 ⚡ | 17 ♥ | 18 ⚡★♥ | 19 ⚡★♥ | 20 ⚡★♥ |
| 21 ♥ | 22 ★♥ | 23 ⚡★♥ | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

icalendars.net

- ★ Soundings launched from Northwood School
- ♥ Sprinter Van deployed to the Lake Placid Turn
- ⚡ Hourly cloud water samples taken at the WFM summit

Photos! <https://drive.google.com/drive/folders/0BxlJIL7sL6ghTlhBTWw2TFp2TOU>







- below-cloud aerosol measurements (HR-TOF-AMS, CCN, SMPS, from the ASRC Sprinter Van)
Jim Schwab, Sara Lance, Jie Zhang
- summit aerosol measurements (CCN, SMPS)
Richard Brandt, Sara Lance, Dan Orlowski
- summit trace gas and met data (wind direction + speed, CO?...) Richard Brandt?
- summit cloud measurements (FFSSP, Parsivel disdrometer, LWC)
Richard Brandt, Sara Lance, Dan Orlowski, Justin Minder, Matthew Brewer, ALSC
- radiosonde measurements (RH, Temperature, GPS location, Altitude)
Justin Minder, Matthew Brewer
- wind LIDAR (cloud base altitude, wind speed + direction)
Jeff Freedman
- met towers (RH, Temperature, GPS location, Altitude, wind speed + direction, pressure, etc)
Dave Fitzjarrald, Sara Lance
- ambient met sensors (RH, Temperature, GPS location, Altitude)
Justin Minder, Matthew Brewer
- weather forecasts (LCL, rain, etc)
Justin Minder, Matthew Brewer
- aerosol forecasts (air trajectories, aerosol profiles)
Sarah Lu, Jeongran Yun
- cloud water analysis (ionic composition, organic content...)
Amy Christiansen (UC Irvine), AnnMarie Carlton (UC Irvine)

AirBNB can house 9 people

- Who stayed for the entire 2 week Intensive Operations Period (IOP):
 - Sara Lance
 - Dan Orlovski
 - Matthew Brewer
 - Jie Zhang
 - Amy Christiansen
- Stayed for a few nights:
 - Jim and Janie Schwab
 - Justin Minder
 - Dave Fitzjarrald
 - Matt Ninneman
 - Joe Marto

