Processing Record for this file: (Make notes here unique for this file)

Loading 2/16-3/1/2014 Data loaded from detarred, dezipped files from the DMF

To reduce Operator need for frequent filter changes, dilution turned on @ 14-02-21 21:12. Every 24-h, the dilution is turned off for 5 minutes. This was not long enough to get an undiluted sample. The dilution was manually turned on 14-02-19 16:30 -17:07 and 14-02-19 18:25 -19:00. These showed a consistent (within ~10-15% signal) value after adjusting for dilution.

Beginning on 14-02-27 19:00 - 14-02-28 11:00 the control program for the dilution system incorrectly turned off the dilution every hour. The on/off transisiton caused a large spike in the absorbance at irregular intervals. Veracity of data during period could not be easily ascertained and was not reported (recovery unlikely).

As always, data not reported for T(blue) < 0.7

Multiple local events, probably associated with frequent on-site generator use, contaminate many stretches of this period. Consult the Operator logs for specific periods.

Impactor in place. HOWEVER, signal wired backwards. The 10 and 1 in the primary data files are reversed. This has been corrected here in the Mentor QA/QC'd data files using:

root:psap_out:impactor = root:inputfolder:wave11==10 ? 1 : (root:inputfolder:wave11==1 ? 10 : root:inputfolder:wave11)

and the following notation put in Comment 1: Impactor polarity reversed in raw file. Corrected here.

Some evidence of supermicron particles.

Radiance Research PSAP Data w/o dilution factor



Radiance Research PSAP



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Radiance Research PSAP

Housekeeping

(UTC)

Dilution Fatesbrument, Dilution Flow (Steppen Normalized)

Radiance Research PSAP with dilution factor



Radiance Research PSAP with dilution factor



Radiance Research PSAP with dilution factor

