

NASA B200 King Air Consolidated Flight Reports

Dates: March 30-31, 2008

Flight Numbers: R-127_L1, R-127_L2, R-127_L3

NASA B200 King Air Flight Report

Date: March 30, 2008

Flight Number: R-127_L1

Approximate Flight times: 13:27-16:37 UT

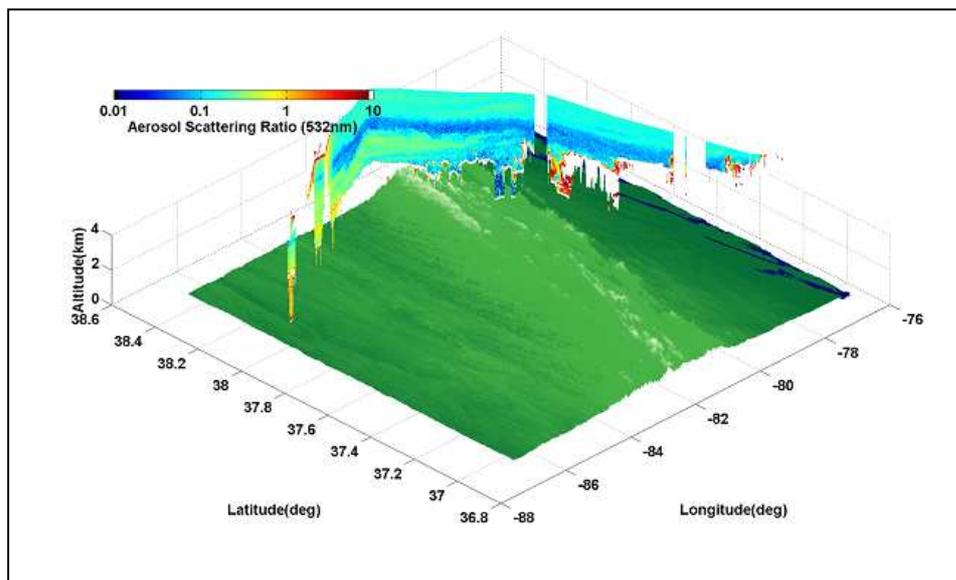
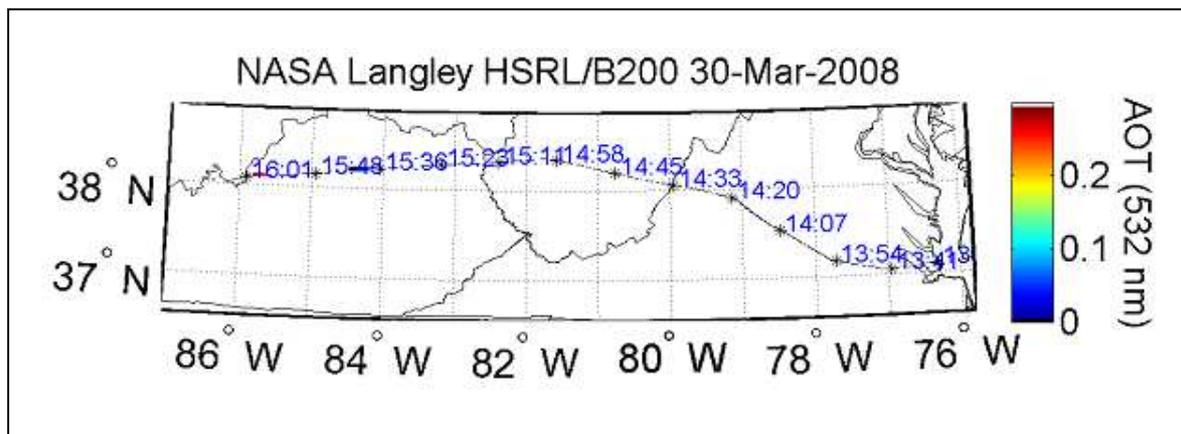
Approximate Flight Duration: 3.0 hours

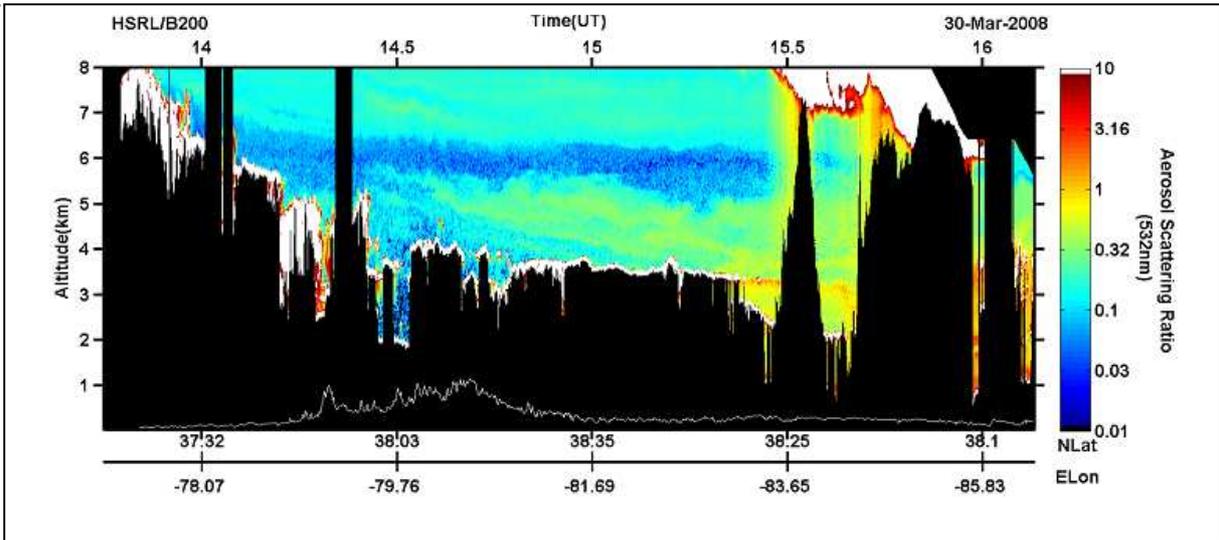
Objective(s): Transit (Langley AFB KLF1 – Evansville, IN KEW)

Sensors: HSRL, digital camera

Significant Issues: Real-time iridium link did not work.

Accomplishments: Flew first leg of first transit day. Real-time downlink did not work, but all else worked fine. HSRL observed aerosol layers in mid troposphere. Clouds were present throughout entire flight; HSRL observed aerosol layers above clouds.





End L1

NASA B200 King Air Flight Report

Date: March 30, 2008

Flight Number: R-127_L2

Approximate Flight times: 18:14-20:57 UT

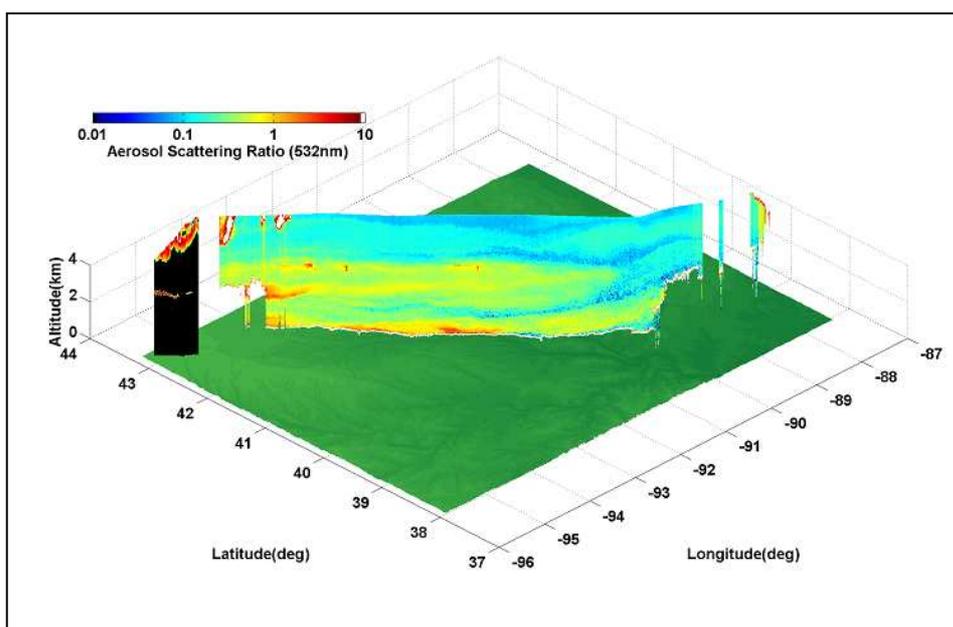
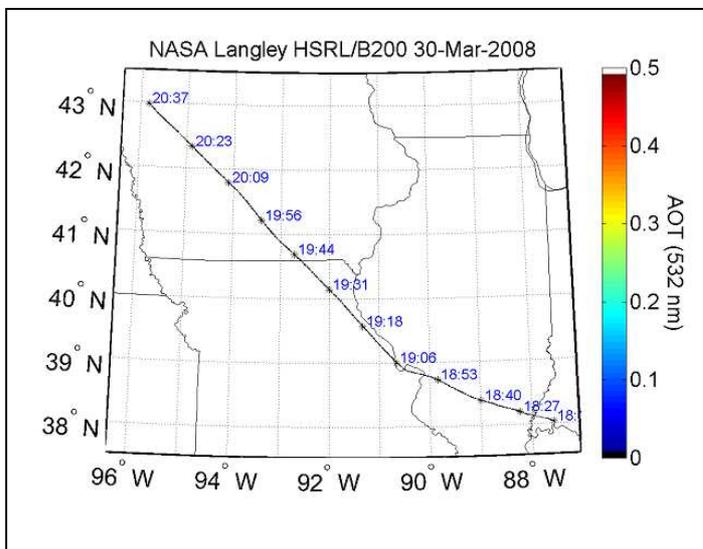
Approximate Flight Duration: 2.75 hours

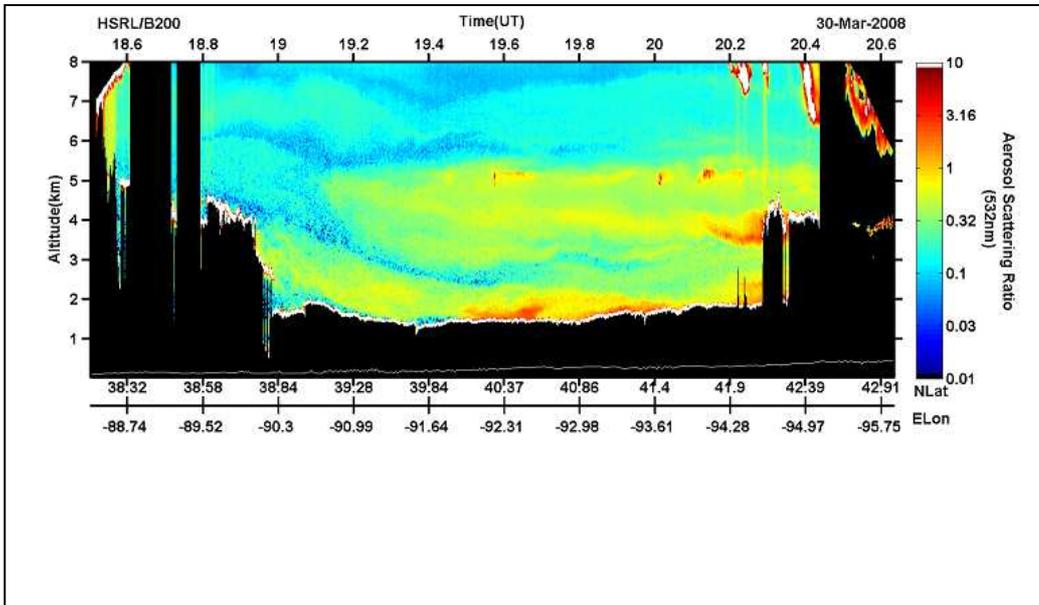
Objective(s): Transit (Evansville, IN KEW – Sioux Falls, SD KFSD)

Sensors: HSRL, digital camera

Significant Issues: None. Real-time downlink worked fine.

Accomplishments: Flew second leg of first transit day. All systems worked fine. Some brief delay with HSRL operations until pilots received confirmation from FAA that all NOTAMS were in place. Pronounced aerosol layers were observed in mid-troposphere.





End L2

NASA B200 King Air Flight Report

Date: March 30-31, 2008

Flight Number: R-127_L3

Approximate Flight times: 21:35-00:26 UT

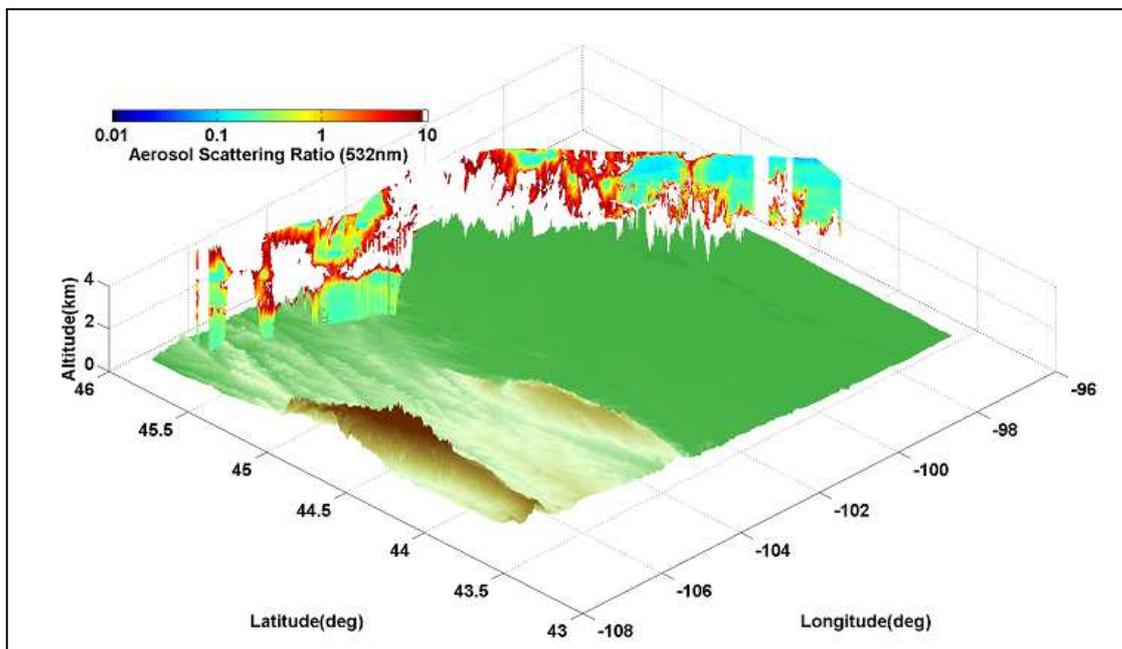
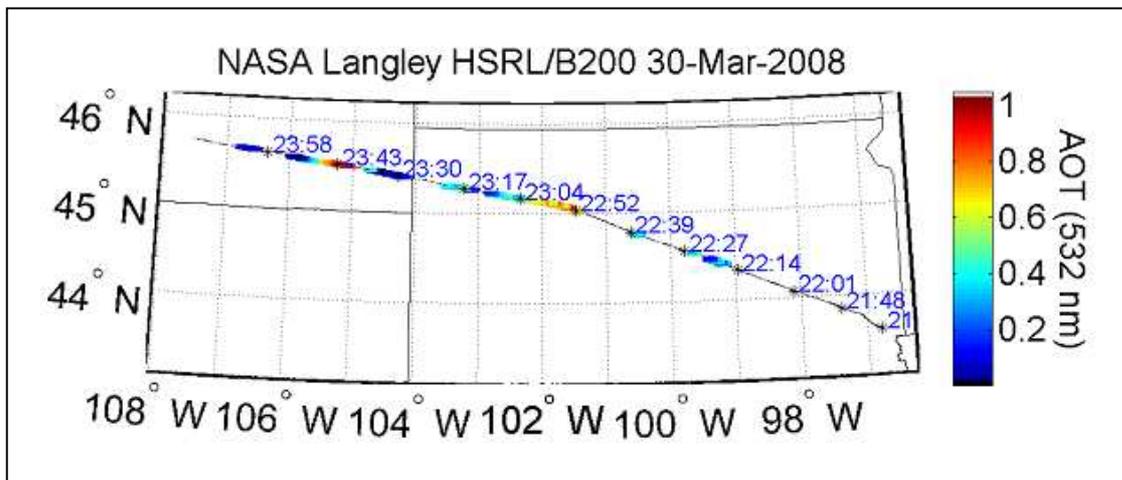
Approximate Flight Duration: 2.83 hours

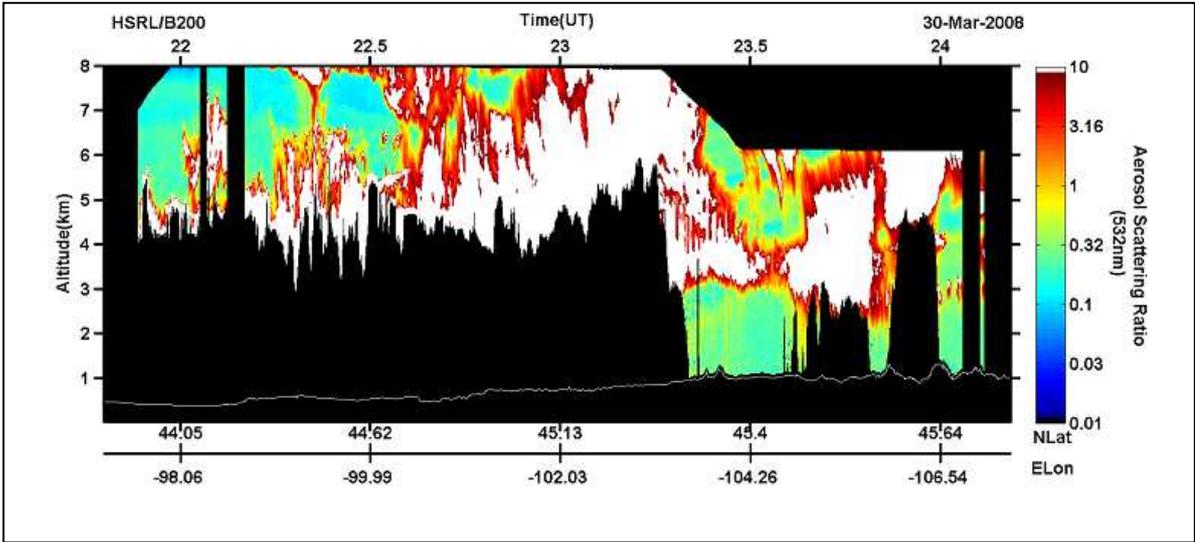
Objective(s): Transit (Sioux Falls, SD KFSD - Billings, MT KBIL)

Sensors: HSRL, digital camera

Significant Issues: None.

Accomplishments: Flew third leg of first transit day. All systems worked fine. Lots of clouds were present throughout flight.





End L3