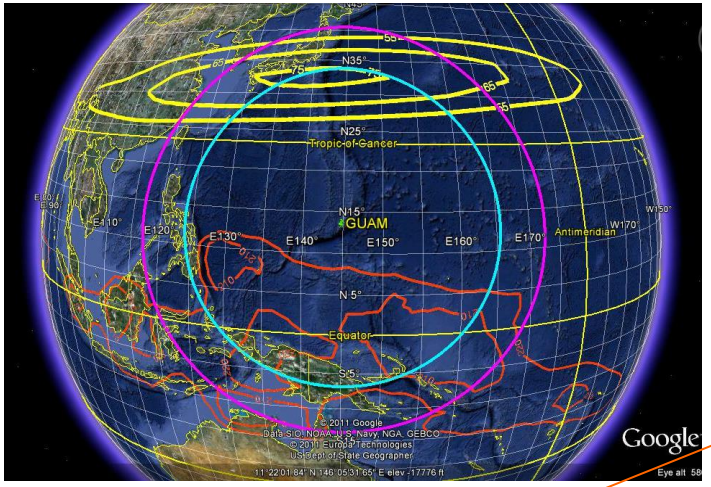
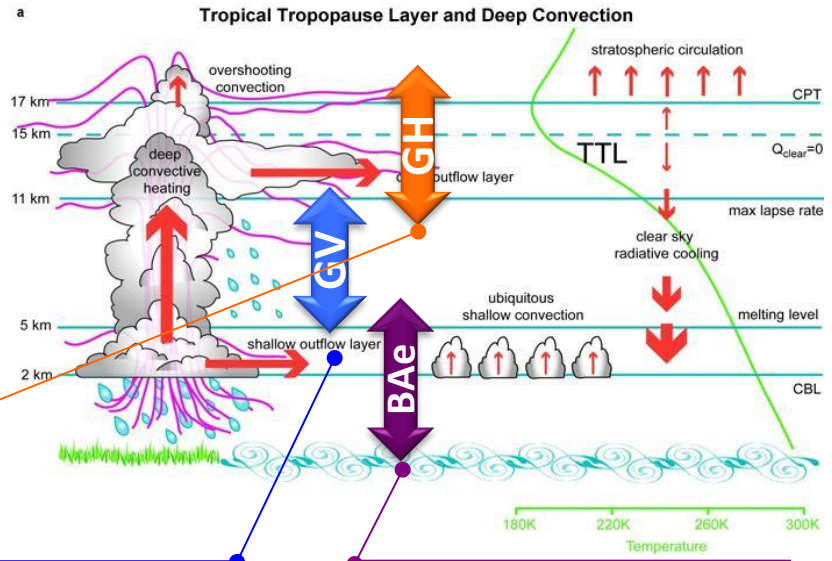
CONTRAST/ATTREX/CAST Joint Operations Discussion

Daily op meetings, Real time communications, flight monitoring





Operation Center Activities

- Joint op center in Hilton hotel
- ATTREX ground operation will be on Andersen AFB

- CONTRAST will have near daily op meetings
- CAST team ?
- 3 team team joint meeting once a week?

- **CAST flight track live kml will allow both system to display the track**

Real Time Communication

- Real time communication - Chat room
- How often do we have three aircraft flying the same day?
- If so, each team have a dedicated person to monitor and communicate the status of the other two aircraft?
- How do we keep up with each other, Flight report sharing?
- Joint Science team once a week?

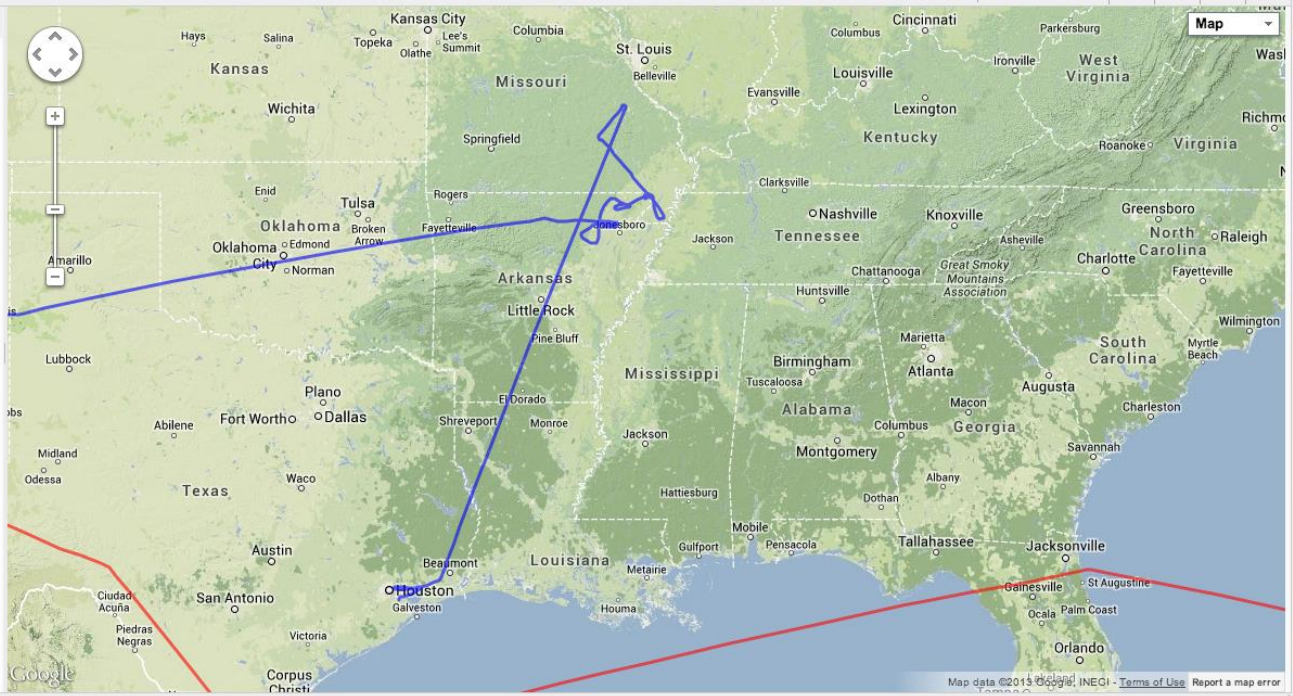
Flight Monitoring

- CONTRAST=> catalog Map, and mission coordinator's display
- ATTREX => MTS
- CAST flight track live kml will allow both system to display the track

Do you want Google Chrome to save your password? Never for this site Save password

Select an aircraft ... - Actions 34.207, -100.724

- Flight Paths
  - Add a flight path
  - Global Hawk AV1 (NASA871) - 2013-09-25T12:01:51Z
  - DC-8 (NASA817) - 2013-09-23T14:57:21.006Z
  - ER-2 (NASA806) - 2013-09-24T14:48:18.005Z
- Satellites
  - Add a satellite
  - Set observer position
- Layers
  - Add a layer from the ASP Product Registry
  - Add a KML/KMZ layer from an external source
  - Add a WMS layer from an external source
  - Add a TMS layer from an external source
- Bundles
  - Add a bundle from the ASP Product Registry
- ATTREX Products



Airborne Science Chat Client

Connections

Load a stored connection

HS3 Chat Configuration Load

Connect using the fields below

Server

rdcc.guest.ucar.edu

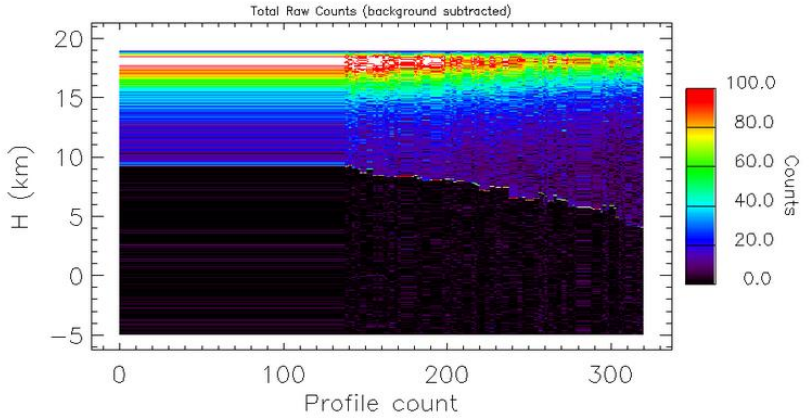
Port

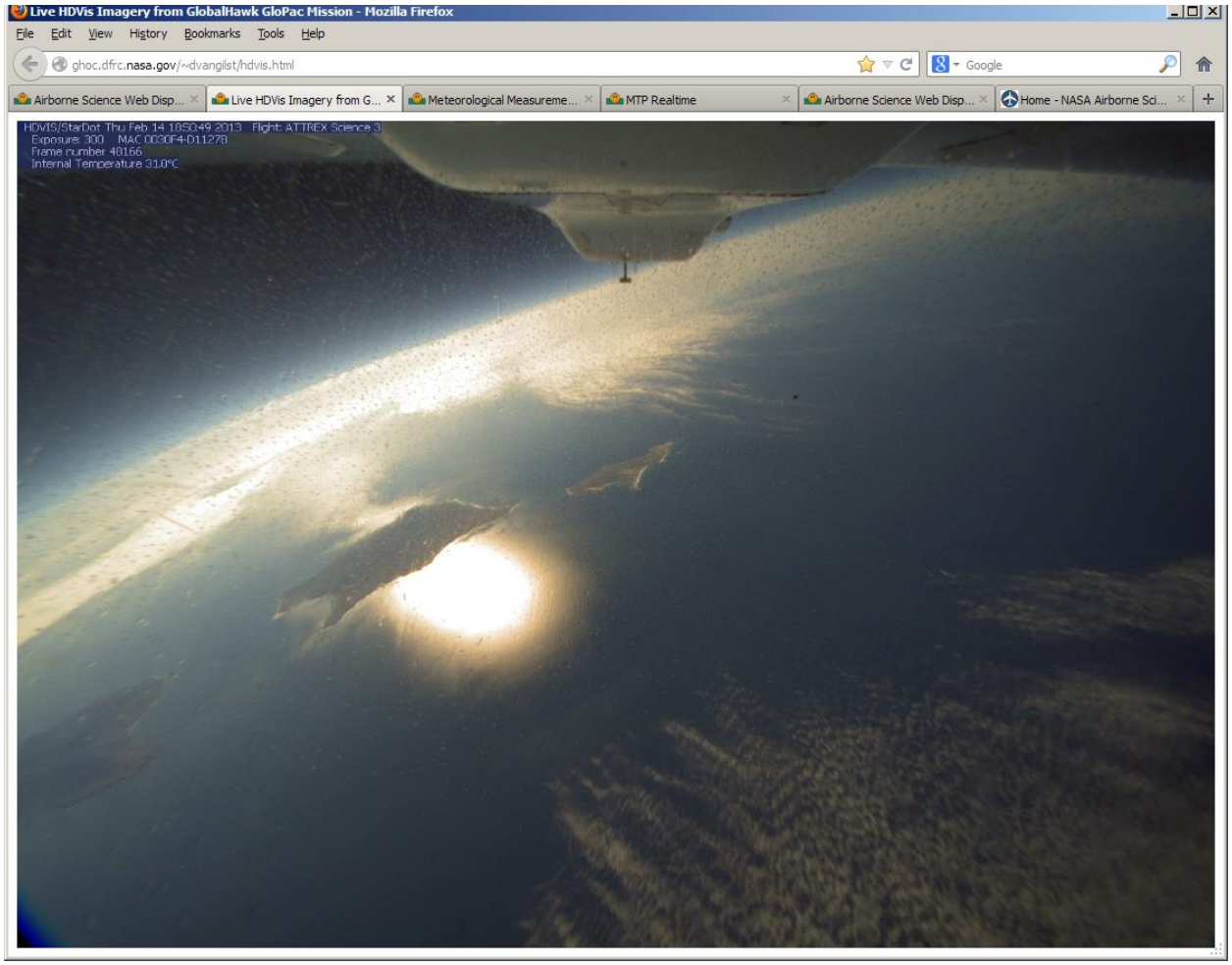
6668 Secure (SSL/TLS)

Change Layout

Airborne Science Camera Feed

1. Select Aircraft ER-2 (NASA809) 2. Select Camera CPL Quicklook Curtain




Live HDVis Imagery from GlobalHawk GloPac Mission - Mozilla Firefox
File Edit View History Bookmarks Tools Help
ghoc.dfrc.nasa.gov/~dvangilst/hdvis.html
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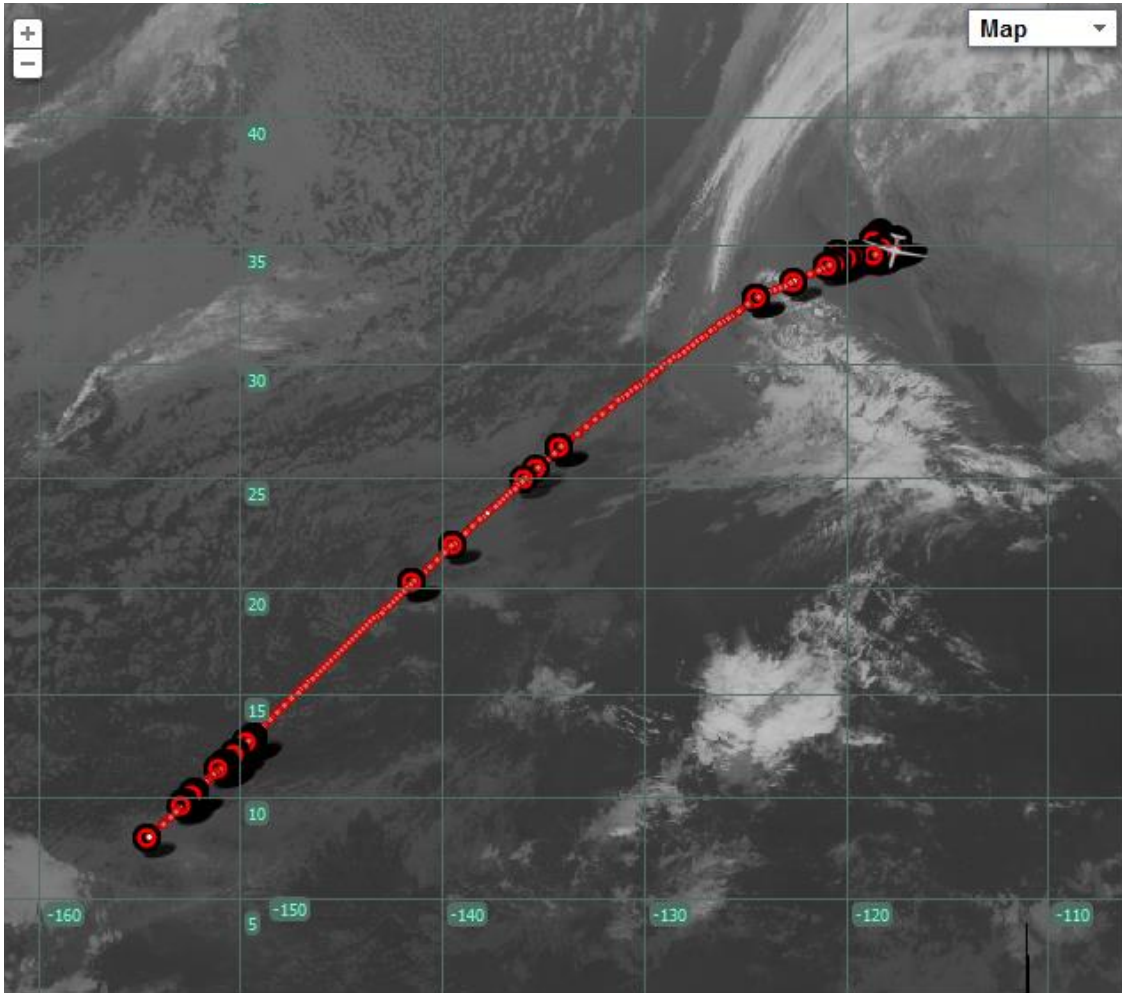
Airborne Science Web Disp...
Live HDVis Imagery from G...
Meteorological Measureme...
MTP Realtime
Airborne Science Web Disp...
Home - NASA Airborne Sci...
HDVIS/StarDot Thu Feb 14 185049 2013 Flight: ATTREX Science 3
Exposure: 300 MAC 0030F4-D11278
Frame number 40166
Internal Temperature 31.0°C


Map
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35
30
25
20
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5
-160
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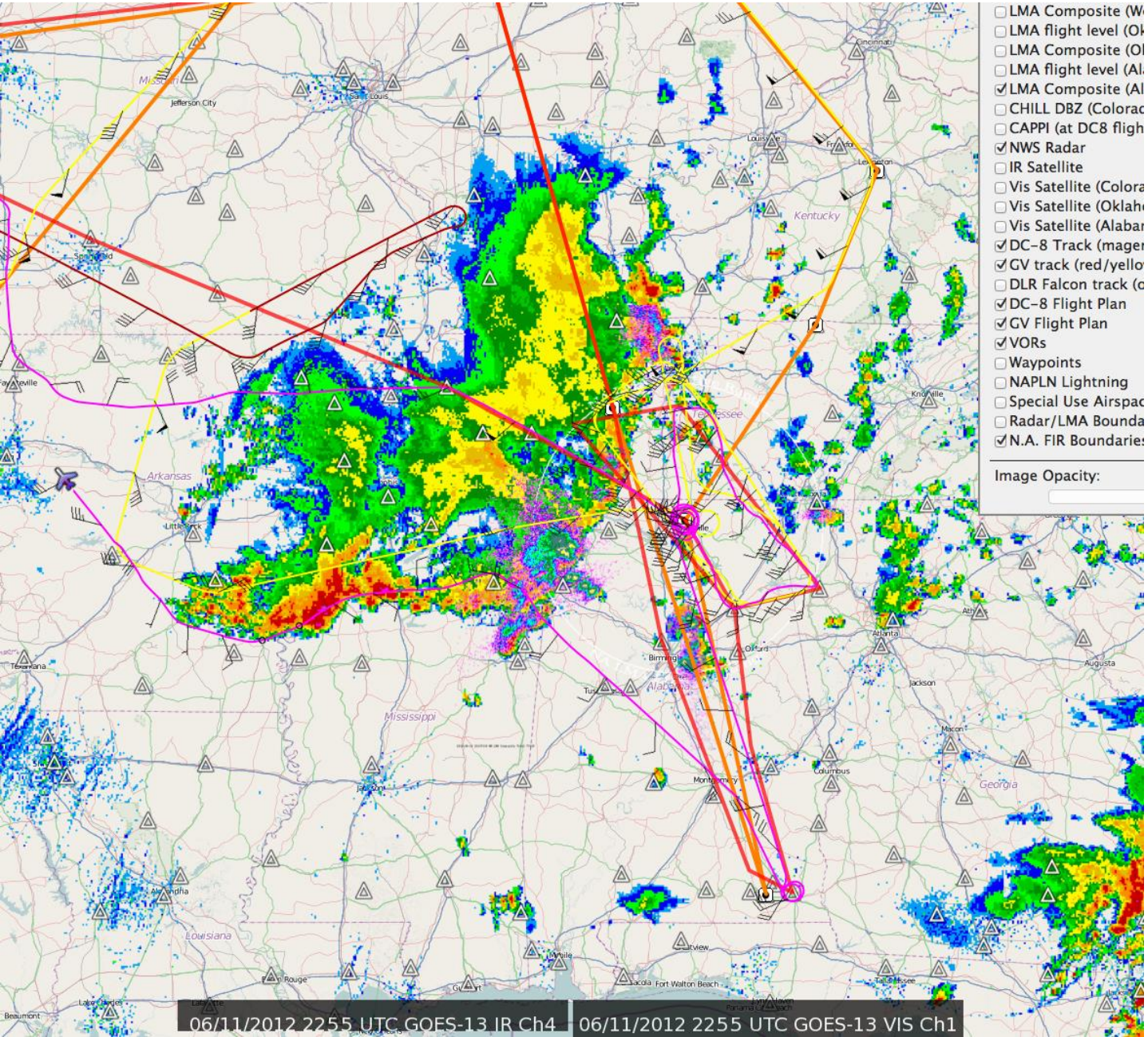
-140
-130
-120
-110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DC-8 Flight Plan
GV Flight Plan
VORs
Waypoints
NAPLN Lightning
Special Use Airspac
Radar/LMA Bounda
N.A. FIR Boundaries
Image Opacity:
Jefferson City
Kentucky
Arkansas
Mississippi
Louisiana
Georgia
Atlanta
Augusta
Jackson
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Montgomery
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Oxford
Macon
Fort Walton Beach
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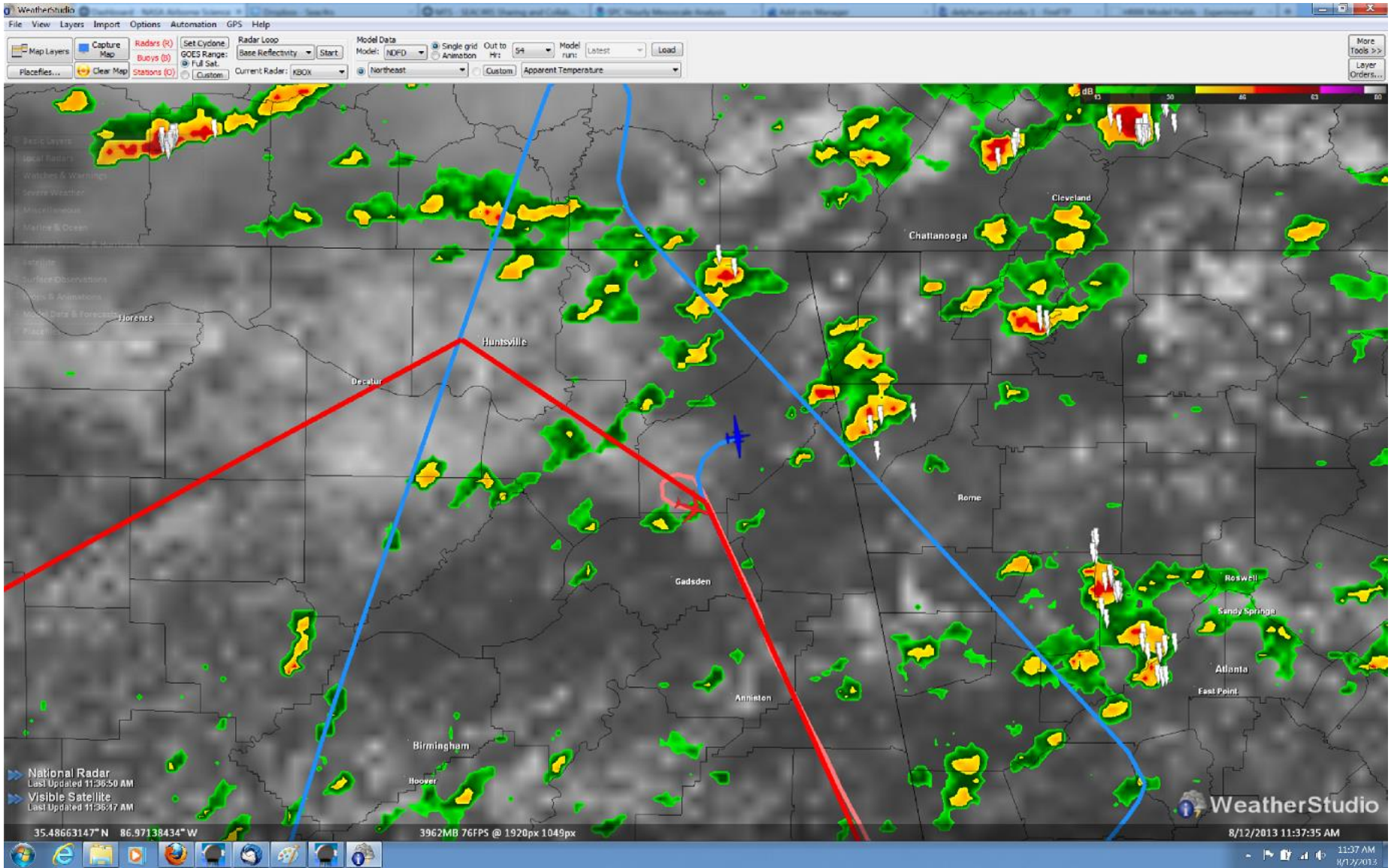
06/11/2012 2255 UTC GOES-13 VIS Ch1


WeatherStudio
File View Layers Import Options Automation GPS Help
Map Layers
Capture Map
Placefiles...
Clear Map
Radars (R)
Buoys (B)
Stations (O)
Set Cyclone
GOES Range:
Full Sat.
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Model: NDFD
Single grid
Animation
Out to Hr: 54
Model run: Latest
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Northeast
Custom
Apparent Temperature
More Tools >>
Layer Orders...
Florence
Huntsville
Decatur
Cleveland
Chattanooga
Rome
Gadsden
Anniston
Birmingham
Hoover
Roswell
Sandy Springs
Atlanta
East Point
National Radar
Last Updated 11:36:50 AM
Visible Satellite
Last Updated 11:36:47 AM
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WeatherStudio
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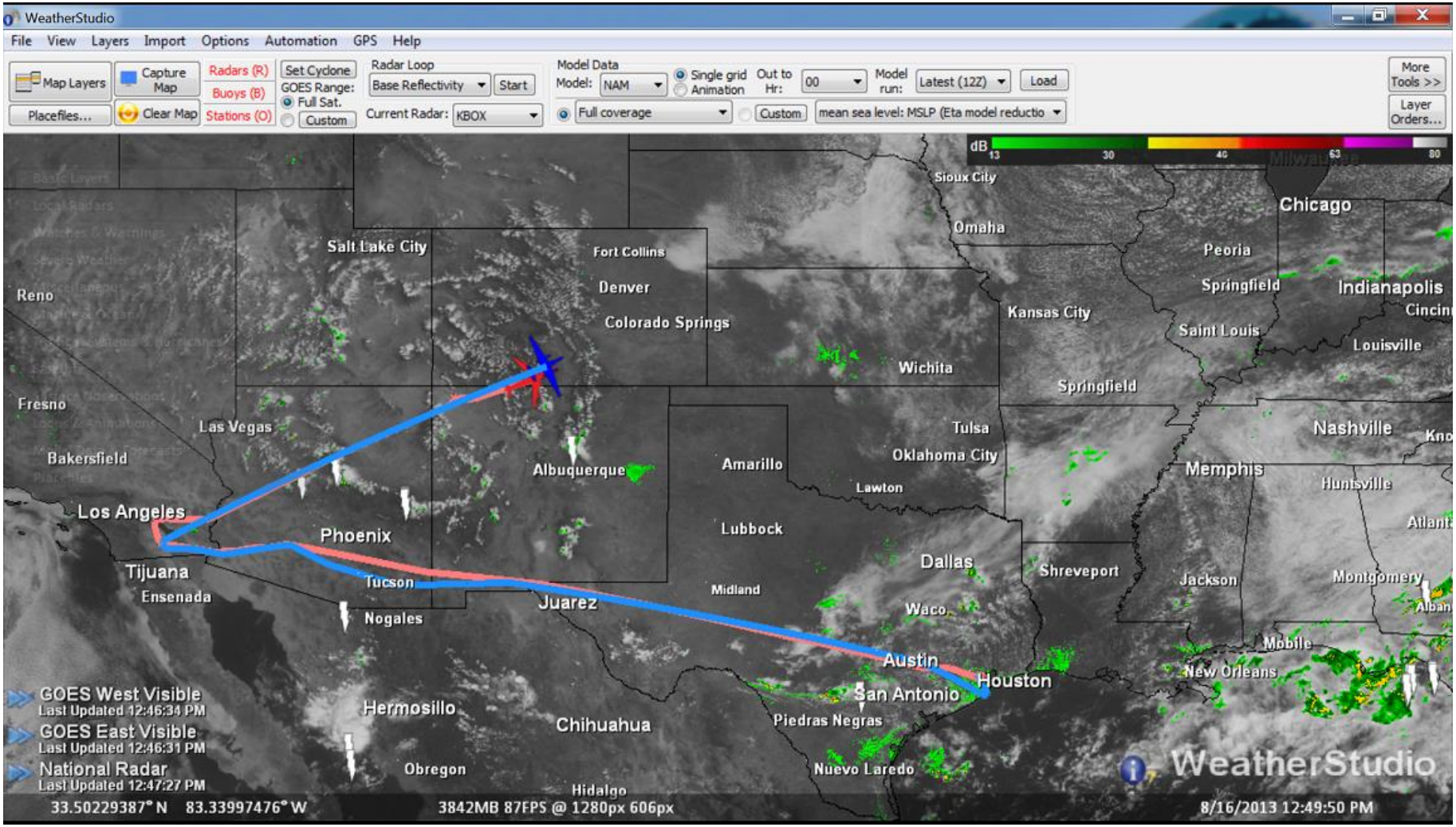
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More Tools >>
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Omaha
Chicago
Peoria
Springfield
Indianapolis
Salt Lake City
Fort Collins
Denver
Colorado Springs
Reno
Kansas City
Saint Louis
Louisville
Wichita
Springfield
Fresno
Las Vegas
Bakersfield
Albuquerque
Amarillo
Tulsa
Oklahoma City
Nashville
Memphis
Huntsville
Lawton
Los Angeles
Phoenix
Lubbock
Tijuana
Ensenada
Tucson
Nogales
Juarez
Midland
Dallas
Shreveport
Jackson
Montgomery
Waco
Austin
Houston
Mobile
New Orleans
San Antonio
Piedras Negras
Hermosillo
Chihuahua
Obregon
Hidalgo
Nuevo Laredo
GOES West Visible
Last Updated 12:46:34 PM
GOES East Visible
Last Updated 12:46:31 PM
National Radar
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WeatherStudio
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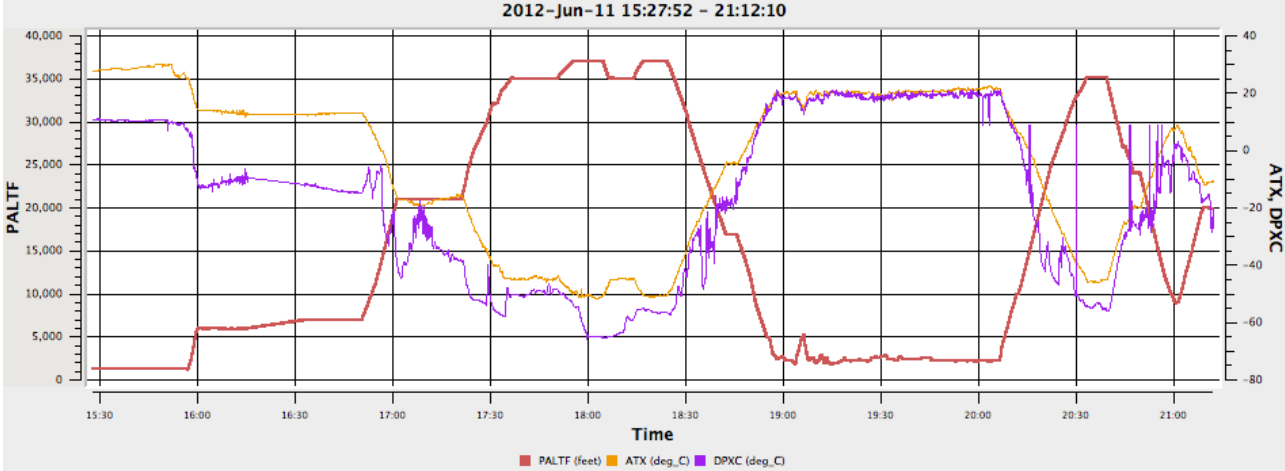
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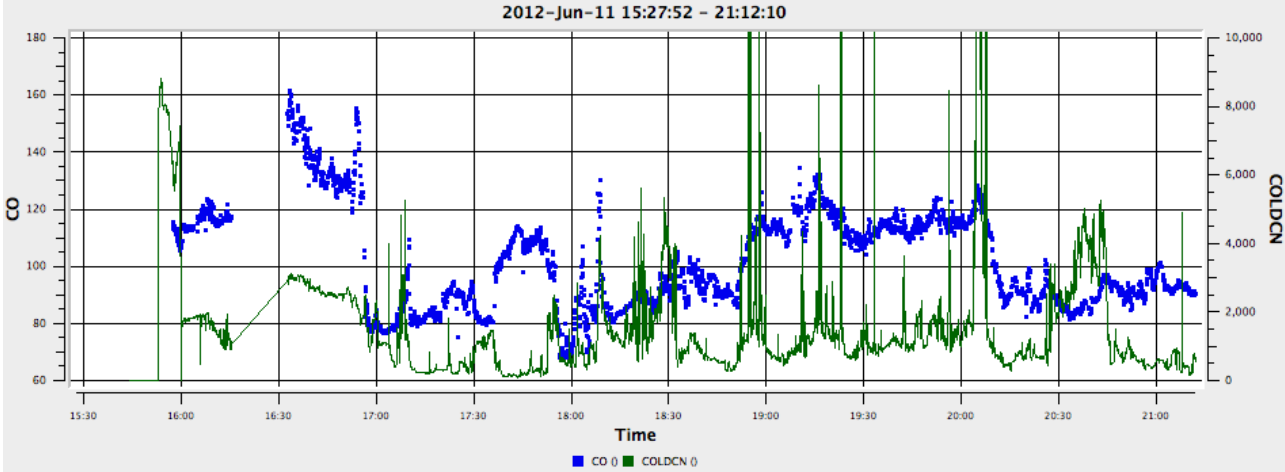
PALTF
ATX, DPXC
Time
PALTF (feet) ATX (deg_C) DPXC (deg_C)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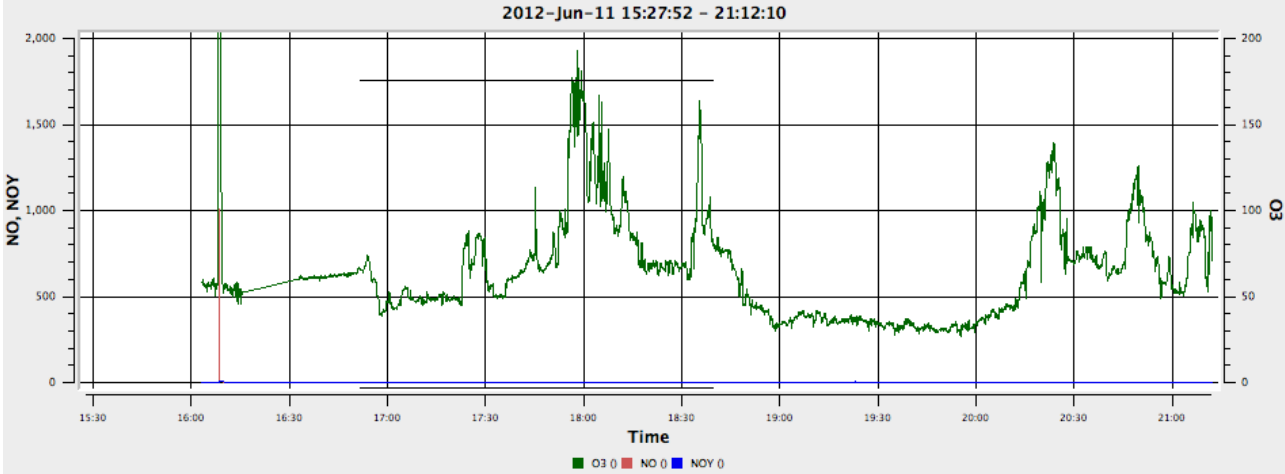
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