

US EPA ARCHIVE DOCUMENT



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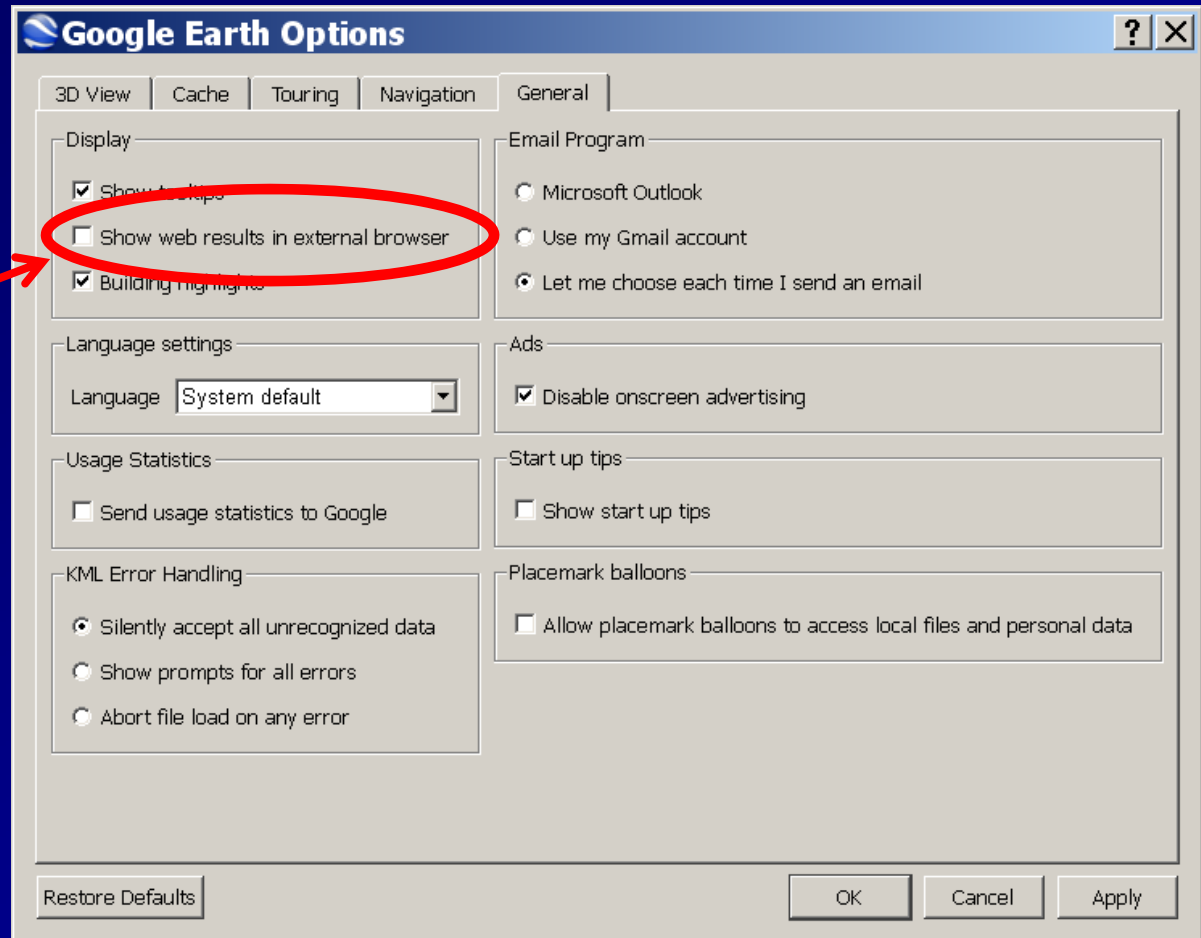
# How to Quickly Find Oil Using ASPECT Google Earth visible imagery



# Optimizing Google Earth Parameters

Open Google Earth

- Click TOOLS
- Click OPTIONS
- Click "General Tab"
- Check this box

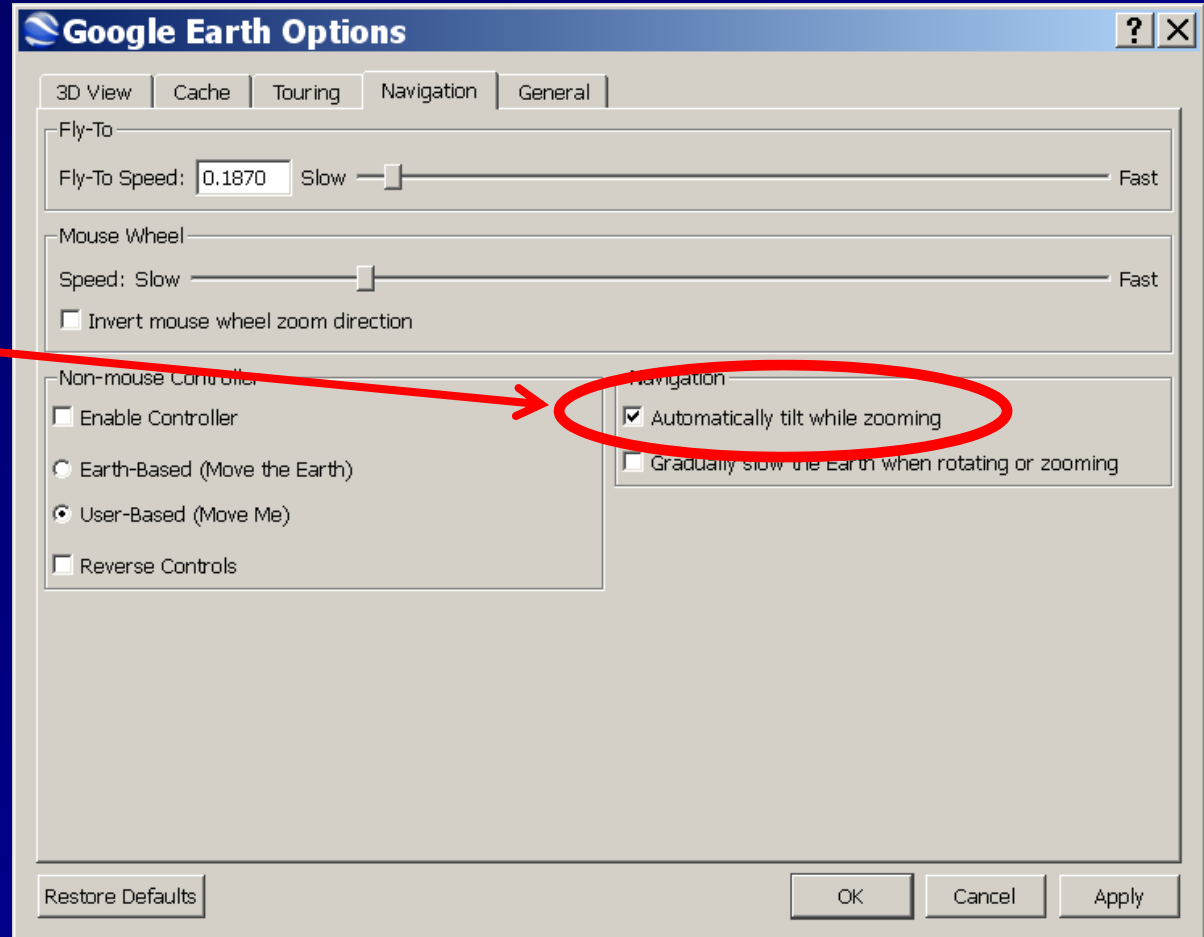




# Optimizing Google Earth Parameters

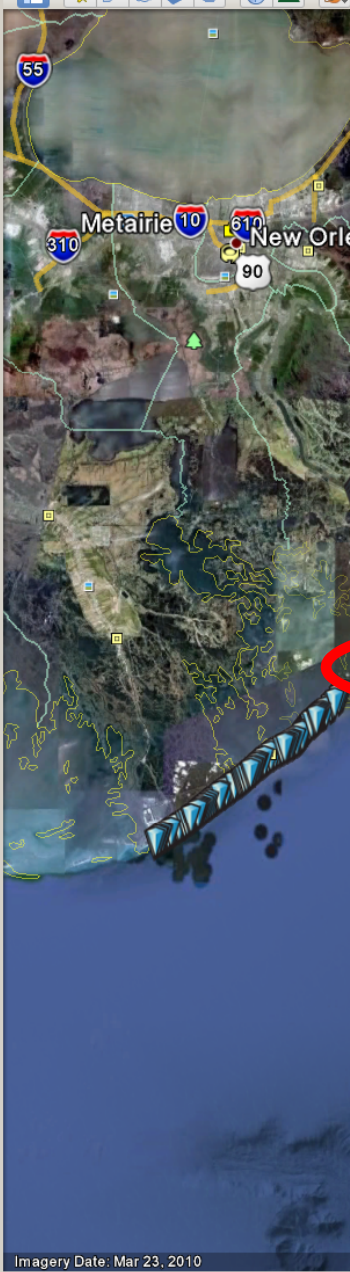
Open Google Earth

- Click TOOLS
- Click OPTIONS
- Click "Navigation Tab"
- UNCheck this box



- My Places
  - Gulf of Mexico Oil Slick
  - Gulf of Mexico Oil Slick
- Temporary Places
  - FTIR
  - FTIR Results isobutylene f
  - FTIR
  - FTIR Results TCE f42s20l
  - Deepwater Horizon EPA ...
  - Downloading Photos May...
  - Aspect Flight Tracks

- Primary Database
- Borders and Labels
- Places of Interest
- Panoramio Photos
- Roads
- 3D Buildings
- Ocean
- Street View
- Weather
- Gallery
- Global Awareness
- More
- Terrain



## EPA ASPECT Deepwater Horizon

This site displays relevant situational awareness information from the U.S. EPA Airborne Spectral Environmental Collection Technology System (ASPECT). ASPECT is the Nation's only 24/7 airborne emergency response chemical and radiological mapping program. ASPECT is operating in the Gulf area to assess areas at the Deepwater Horizon site. The ASPECT was deployed to the Deepwater Horizon Platform Location on 28 April 2010.

[Current Mission Status](#)

[INSTRUCTIONS](#)

Sensor Information  
[Sensor Suite Capabilities Information](#)

Available Airborne Sensor Suite Data  
[Color Aerial Photography - 13 May to Present](#)  
[Color Aerial Photography - 28 Apr to 13 May](#)  
[Oblique Photography - 26 May to Present](#)  
[Oblique Photography - 13 May to 25 May](#)  
[Oblique Photography - 28 Apr to 13 May](#)

[Downward Looking Photos - 26 May](#)

[Infrared Aerial Imagery - 13 May to Present](#)  
[Infrared Aerial Imagery - 28 Apr to 13 May](#)

[Aircraft Flight Tracks - 26 May to Present](#)  
[Aircraft Flight Tracks - 13 May to 25 May](#)  
[Aircraft Flight Tracks - 28 Apr to 13 May](#)

[Video Selections of Missions](#)

ASPECT Air Monitoring Reporting  
[FTS Confirmed Detections](#)  
[Chemical Report Retrieval Web Page - Flights 1-26](#)  
[Chemical Report Retrieval Web Page - Flights 27-Present](#)

ASPECT Posters  
[ASPECT Oil Detection Poster](#)  
[Mosaic Imagery Product - 6 May 2010](#)  
[ASPECT photos on FLICKR](#)

Weather Data  
[Metar Ground Station Weather Link](#)  
[Mesowest Ground Station Weather Link](#)  
[APRSWNET Ground Station Weather Link](#)  
[Other NWS Ground Station Weather Link](#)  
[Gulfport Radar Loop](#)  
[NOAA Severe Weather Warnings](#)  
[Weather Map Features](#)  
[NOAA Aviation Weather](#)  
[Gulfport, Biloxi MS Airport Weather Conditions](#)



New addition provides access to raw **geo-referenced** images within minutes of landing.

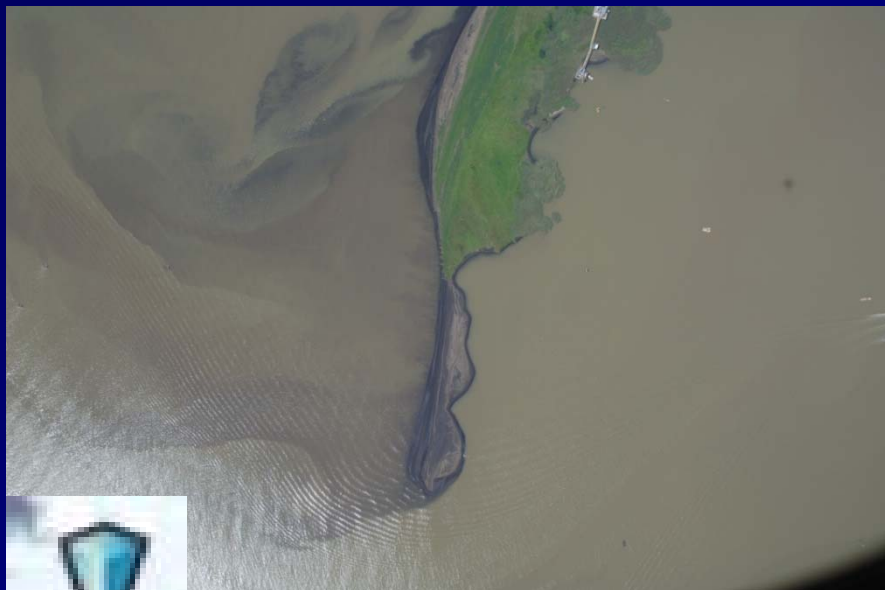
These images will be **geo-corrected** within a few hours.





# Geo-referenced vs. Geo-corrected Photographs

ASPECT Aerial  
"Downward Looking"  
**geo-referenced** Photo



Geo-reference Icon

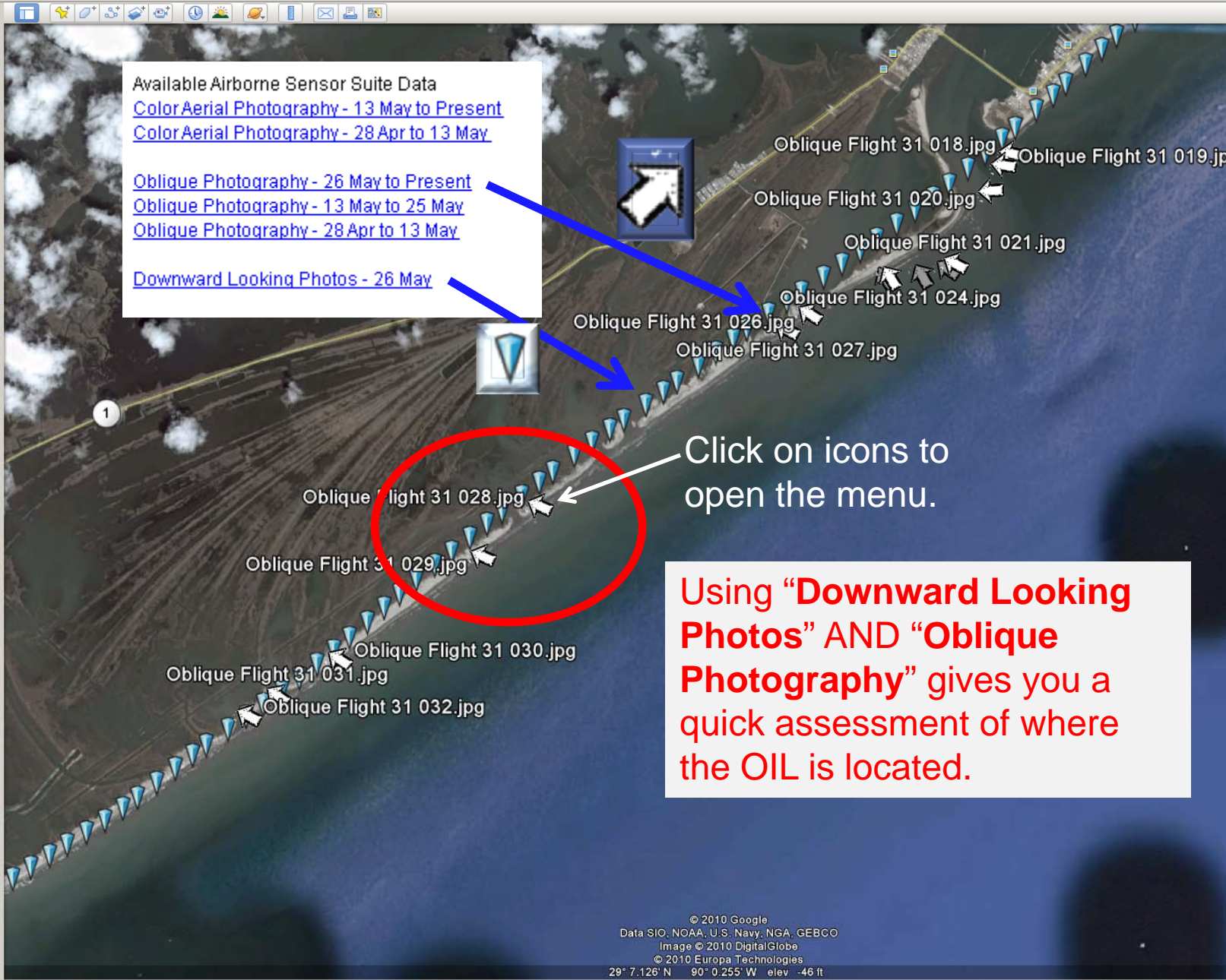
ASPECT Aerial photo that has  
been geo-referenced and  
**geo-corrected** for Google Earth



Geo-corrected Icon

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Available Airborne Sensor Suite Data  
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[Downward Looking Photos - 26 May](#)

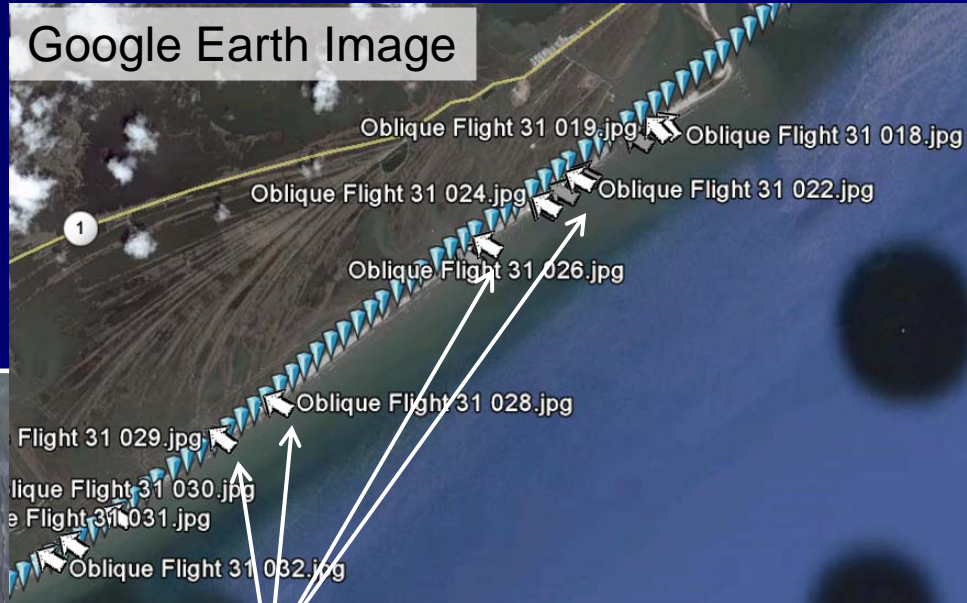
Click on icons to open the menu.

Using "Downward Looking Photos" AND "Oblique Photography" gives you a quick assessment of where the OIL is located.



# Using ASPECT Google Earth data to narrow search for oil on beaches

May 26, 2010; 9:28 a.m. CST



Data can be accessed within **20 minutes** from landing.

