

## ERMA Datasets Included in the Public ERMA Website

<http://www.geoplatform.gov/gulfresponse>

October 21st, 2010

### Deepwater Horizon Data Sets

NOAA is currently serving over 800 data layers to the public ERMA site. Data sources include those generated through the Incident Command Structure, and several federal, state and local agencies. Below is a summarized list of data layers and frequency of updating. Currently, the public site is updated once daily.

### Updated daily when available

- Shoreline Cleanup and Assessment Team (SCAT) results
- Satellite interpretations for potential oil foot print (NASA/MODIS)
- Field photos
- Various spill related sampling data – seafood safety, EPA monitoring, Subsurface Monitoring analytical chemistry
- Subsurface Monitoring Data
  - Subsurface Sample Stations – completed and planned
  - Cumulative Sample Stations for Science Cruises
  - Cumulative Location by Vessel
  - Provisional Response Data
  - Conductivity, Temperature and Depth Sampling
  - Oil Presence/Absence Monitoring
  - Sub Surface Monitoring Report
  - Daily Dissolved Oxygen
  - Ship Locations
- Wildlife Observations
- Fisheries closures for federal and state waters
- Research Cruise sample locations
- Research, government and response ships tracking
- Shoreline Over flight imagery- (NOAA, EPA, NASA)
- Navigational caution areas for mariners
- Data Buoys- tides, water level, currents, ACDP data
- Present environmental conditions – wind, wave, NEXRAD radar, HF radar, NWS warnings
- Predicted Environmental Conditions- wind, wave, precipitation, Tropical weather forecasts

## **Static Response datasets**

- Command Post locations
- Well head location
- BP Claim Centers and Community Outreach centers
- Geographic Response Plans for Sector Mobile and St. Pete - These include asset staging areas, oil spill sensitive areas, boat ramps, and marinas and general GRP index data.
- Gulf of Mexico Oil Lease Blocks and Protraction Polygons
- Environmental Sensitivity Index data for TX, LA, MS, AL, and FL, which have information on habitats and species of concern relative to oil sensitivity
- Critical and essential habitats for USFWS and NOAA trust resources
- National Marine Sanctuaries, Reserves, Wildlife Refuges and Management Areas, Marine Protected Areas
- Shellfish habitats and harvesting areas for several states
- Restoration Projects
- Benthic Habitat Classifications
- Background Environmental Quality data from NOAA's Query Manager Database (over hundred compiled monitoring studies from within the Gulf can be included into ERMA)
- Bathymetry contours
- Navigational Fairways and Nautical Charts
- Coastal Resources
- Parishes and interstate boundaries