

Coastcolour

NOAA Champion User Report 2010

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NOAA (Coast Watch) Champion User Report

Geographic activities completed / underway:

1. As a test of NOAA capability, during 2010 MERIS Full Resolution data and products (downlinked 2010 at Canadian ground stations) were retrieved from Kiruna
2. Using local NOAA processing capabilities running the NASA supplied SeaDAS, MERIS FR products were generated and staged on a local NOAA website. ESA native products were also made publically available.
3. Geographic areas covered during the demonstration: Chesapeake Bay, Great Lakes (Erie and Ontario), Gulf of Mexico, and California coast (southern and central).
4. During the Deepwater Horizon incident MERIS Full Resolution products were accessed and made available via the CoastWatch Regional Node (Caribbean/Gulf of Mexico) and used operationally by the NOAA's Satellite Analysis Branch. A complete report is provided by Dr. Trinanes as a part of this presentation.

Planned activities going forward:

1. NOAA will continue the activities identified above.
2. Additional efforts will include (subject to availability of resources):
 - a. Enhanced web access (near real-time) and functionality via CoastWatch (coastwatch.noaa.gov), and
 - b. Engagement with actual operational end users is envisaged beginning in 2011.

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Requested Coastcolour capabilities:

1. Continue support for “openly available” MERIS FR/RR data AND products.
2. Continue strong emphasis for highest possible data and product quality.
3. Expand MERIS FR collection and near real-time access over the Marine Optical Buoy (MOBY) in Hawai'i.
4. Significantly increase attention to the actual needs and empowerment of REAL end users.