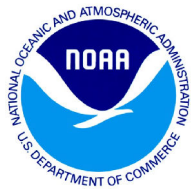


MARINE POLLUTION SURVEILLANCE REPORT



Analysis Provided by: The National Oceanic and Atmospheric Administration/National Environmental Satellite, Data and Information Service (NOAA/NESDIS)

REPORT DATE: MAY 24, 2015
 REPORT TIME: 1915Z (1215 PDT)
 ANALYST: VELASCO

DATA SOURCE: WORLDVIEW-2
 MODE: Multispectral
 RESOLUTION: 1.8 meter
 IMAGE DATE/TIME: 5/23/2015 1913Z (1213 PDT)

Legend

- Possible Oil
- False-Positive (not oil)
- Oil Seep Site

1.8 km² Total Area of Possible Oil

CONFIDENCE: High

REMARKS: Oil from several natural seeps extending up to 2.1 miles in length to the north-northeast were detected with high confidence. The full extent of oil in the image that is attributable to natural seeps could not be determined because it is either mixed with oil from the Refugio pipe leak incident or was not directly connected to a natural seep site. Only oil directly connected to and believed to be from natural seep sites is identified in this report.

Winds were from the west-northwest at 10-15 knots at the image capture time. The orientation of the slicks is consistent with forecast model ocean currents that were from the south-southwest.

