



MARINE POLLUTION SURVEILLANCE REPORT








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

REPORT DATE: FEBRUARY 16, 2018
REPORT TIME: 0120Z (2/16/2018 1920 CST)
ANALYST: KIM

DATA SOURCE: LANDSAT-8 OLI
MODE: Multispectral
RESOLUTION: 30 meter
IMAGE DATE/TIME: 2/15/2018 1632Z (1032 CST)

LEGEND

-  Possible Oil
-  Possible Thicker Oil
-  Center Point of Oil Slick:
[28°08'15" N / 90°45'33" W]
-  7.4 km² Area of Possible Oil
-  False
Positive
(not oil)

CONFIDENCE: Medium-High

REMARKS:

Possible oil seen in satellite imagery located approx. 114 nm SSW of New Orleans, LA. The anomaly is centered in Ship Shoal area within block #331. The anomaly is measured 3.8 nm in length and 0.6 nm wide. The anomaly's orientation aligns well with ocean current data flowing from the north and its appearance is silvery and dark in high resolution imagery.

The shape of the anomaly lacks jaggedness and sharp turns but given the anomaly's close proximity to multiple oil platforms and pipelines this results in a confidence level of medium high.

28°12'N

28°8'N

90°48'W

90°44'W



Possible Oil

Analyst was unable to differentiate between thicker and thin oil areas due to either imagery limitations or unfavorable environmental conditions.



0 0.6 1.2 1.8 2.4 Miles
0 0.4 0.8 1.2 1.6 Nautical Miles
0 0.7 1.4 2.1 2.8 Kilometers



Imagery Courtesy of the
U.S. Geological Survey