



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 22, 2018
REPORT TIME: 1710Z (1110 CST)
ANALYST: RAMIREZ

DATA SOURCE: SENTINEL-1A
MODE: Interferometric Wide (IW) VV
RESOLUTION: 5 x 20 meter
IMAGE DATE/TIME: 2/22/2018 0001Z

LEGEND

 Possible Oil  False
 Possible Thicker Oil Positive
(not oil)

 Center Point of Oil Slick:
[29°37'37" N / 89°05'20" W]

 16.1 km² Area of Possible Oil

CONFIDENCE: Medium

REMARKS:

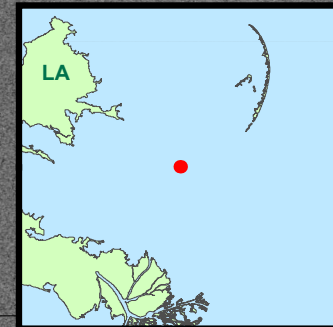
Possible oil anomaly was observed in satellite imagery located approximately 10NMI SW of the southern tip of the main barrier island in the Chandeleur chain. It exhibited well defined edges, strong contrast against the ocean background, and it definitively stood out from any other feature in the image. It measured 8.5 NMI by 0.5 NMI oriented southeast to northwest. Winds were from the SE at 10kts. There was no obvious point source/origin, but it should be noted that there are pipelines located underneath the southeastern edge of the anomaly. Confidence is limited to medium because of the proximity to shore where false positives such as bathymetric features are common. Vegetation cannot be ruled out.

29°40'N

29°35'N

89°10'W

89°5'W



Possible Oil



Possible Oil



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



0 1 2 3 4 Miles
0 0.65 1.3 1.95 2.6 Nautical Miles
0 1 2 3 4 Kilometers



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