

OilGps System – Oil Spill Detection Report

Image Name: 1024px-Deepwater_Horizon_Oil_Spill_-_Gulf_of_Mexico-1200x900.jpg

Detection Status: Oil Spill Detected

Confidence Score: 99.81%

Oil Spill Percentage: 98.14%

Affected Area: 147.21 sq.km

Uploaded Time: 05-01-2026 17:51:24

Methodology:

- Grayscale conversion and noise reduction
- Threshold-based segmentation
- Small region filtering
- Pixel-based oil estimation