



U.S. Department of Energy Office of Electricity Delivery and Energy Reliability

Deepwater Horizon Situation Report #5

June 10, 2010 (2:00 PM EDT)

http://www.oe.netl.doe.gov/emergency_sit_rpt.aspx

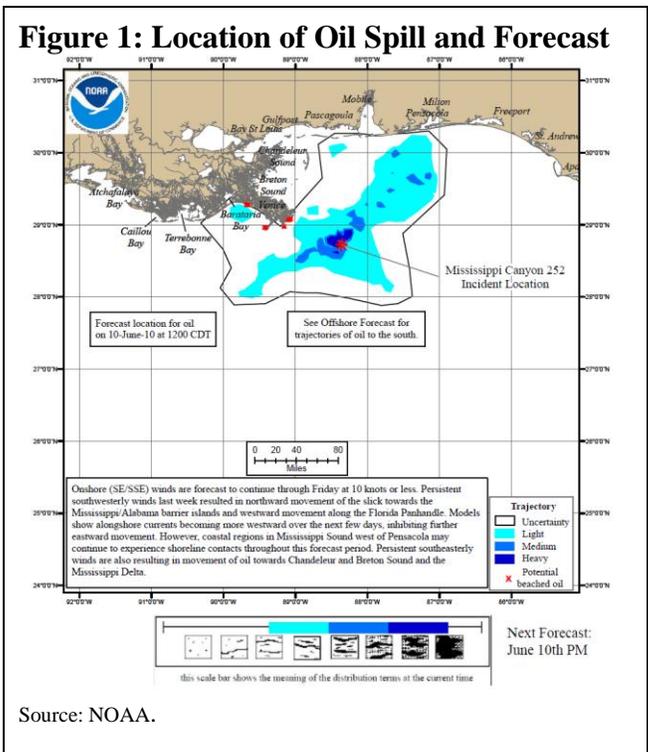
Incident Background:

At approximately 11:00 pm EDT April 20, 2010 an explosion occurred aboard the Deepwater Horizon mobile offshore drilling unit (MODU) located 52 miles Southeast of Venice, LA and 130 miles southeast of New Orleans, LA. The MODU was drilling an exploratory well and was not producing oil at the time of the incident. The Deepwater Horizon MODU sank 1,500 feet northwest of the well site. See Figure 1 for the location of the affected area and the trajectory of the oil slick. Crude oil is leaking from the well pipe, located on the Gulf of Mexico sea floor. Personnel are responding and clean up and containment operations continue, including use of skimming boats, storage barges, and support and recovery vessels. The U.S. Coast Guard (USCG) has protected the Louisiana shoreline with booms and is working to protect the Alabama, Mississippi, and Florida shorelines. The USCG is also restricting ships from traveling where the slicks exists. Detailed information on response and recovery operations can be found at: <http://www.deepwaterhorizonresponse.com/go/site/2931/>

Highlights:

- As of **June 9th**, shipping channels and ports remain open in the Gulf Coast Region. Vessels are being encouraged to avoid the spill area and any vessels that have oil on their hulls will utilize cleaning stations.
- As of **June 9th**, the oil spill has not affected petroleum refinery or electric utility operations in the region.
- As of **June 7th**, MMS reports four platforms has shut production due to the oil slick and one has been evacuated. According to MMS, some of the platforms are abandoned and not producing. Currently, 2,300 barrels a day of crude and 1.2 million cubic feet per day of natural gas are shut-in.
- EIA reported that U.S. distillate stocks rose during the week ending June 4, gasoline stocks stayed level, and crude stocks fell by less than one percent. Over the past week, crude oil stocks in PADD 3 fell by 4.7 million barrels to 178.2 million barrels. PADD 3 total motor gasoline and total distillate stocks respectively rose by 0.5 million barrels and 1.6 million barrels. Low sulfur distillate fuel (under 500 ppm) stocks in PADD 3 increased by a combined 0.5 million barrels along with high sulfur distillate fuel which showed a 1.1 million barrel increase.
- According to EIA, PADD 3 retail regular gasoline prices dropped 3.3 cents to \$2.61 per gallon in EIA's weekly survey published on June 9. This is 17 cents below the national average of \$2.78

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per gallon. Diesel prices dropped as well, with PADD 3 on-highway diesel decreasing 0.4 cent to \$2.90 per gallon while the U.S. average for on-highway diesel fuel increased by 0.1 cent to \$2.97 per gallon.

DOE Actions:

- The Secretary of Energy and a team of senior scientific advisors remain directly involved in oversight of BP's efforts to contain the flow from the well. More details are available at http://www.energy.gov/open/oil_spill_updates.htm.
- DOE is making available on its website data provided by BP about the configuration of the well and oil/gas collected to date via the Riser Insertion Tool and Top Hat at <http://www.energy.gov/open/oilspilldata.htm>.
- Staff from the National Nuclear Security Agency (NNSA) and DOE are supporting the U.S. National Response Team (NRT) and **participating with the National Incident Command at US Coast Guard headquarters** on oil spill activities.
- DOE staff represented by the Office of Electricity Delivery and Energy Reliability, Office of Fossil Energy, and the Energy Information Administration (EIA) are currently tracking and monitoring the oil spill and assessing the impact to energy sector facilities.