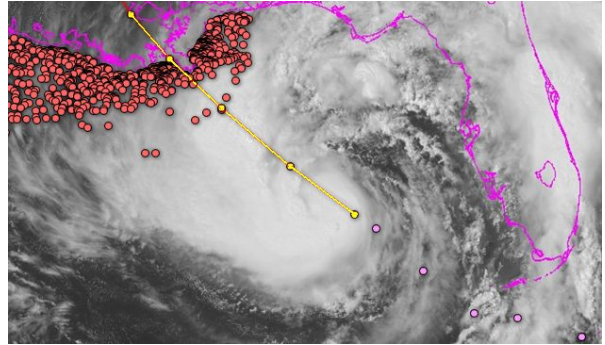




## Isaac Halts Petroleum Production and Refining: Open Thread

Posted by [JoulesBurn](#) on August 29, 2012 - 12:17pm

Tropical Storm Isaac appears headed for New Orleans sometime early Wednesday, and as of 5 PM EDT Monday, was [predicted](#) to become a category 2 hurricane before coming ashore. Due to evacuations of personnel from infrastructure in Isaac's path, US [oil and gas production](#) as well as [refining](#) have been reduced. Shown below is a Google Map with layers showing the [past and projected storm track](#) and the petroleum infrastructure in its way. The map and this post will be updated as more information comes in.

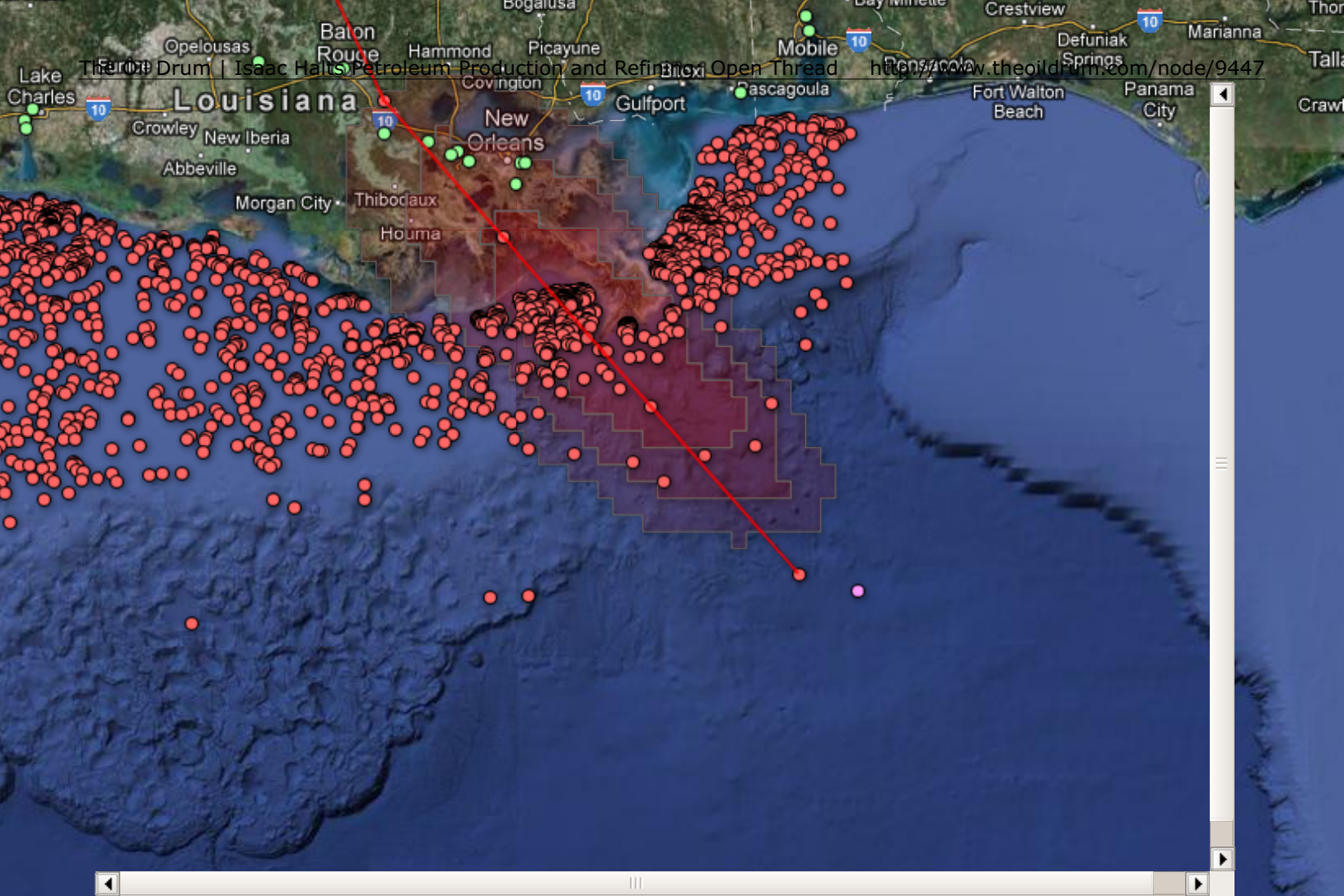


You can toggle individual layers by clicking the buttons on the right. Unfortunately, toggling the Vis Sat photo ON causes a refresh which resets the zoom. Clicking on placemarks launches a window with some identifying information. Data is currently updated using NOAA advisory #29.

[Update] There were registration issues with the satellite image of Isaac, and most people know what a hurricane looks like. I thus replaced it with 120 hour wind speed estimates, specifically:

The 120 hour cumulative wind speed probabilities show probabilities of sustained (1-minute average) surface (10-meter altitude) wind speeds equal to or exceeding one of the following thresholds: 34 kt...39 mph (tropical storm force) 50 kt...58 mph (50-knot) 64 kt...74 mph (hurricane force) at a regular spaced (1/2 degree) grid of points.

Below shows the 74 mph probability, ranging from >20% to >50%.



[Update] Here is the breakdown of infrastructure disruption due to Isaac as provided by the Bureau of Safety and Environmental Enforcement:

	Total	Percentage of GOM
<b>Platforms Evacuated</b>	346	58.05%
<b>Rigs Evacuated</b>	41	53.9%
	<b>Total shut-in</b>	<b>Percentage of GOM Production</b>
<b>Oil, BOPD Shut-in</b>	1,076,642	78.02%
<b>Gas, MMCF/D Shut-in</b>	2,165.94	48.13%

[Update] [Rigzone](#) reports that BSEE reports that the GOM oil and gas shut ins are now 93% and 67%, although I can't find those numbers on the BSEE website.

Here is a good document from DOE on the energy-related impacts of GOM hurricanes in 2005 and 2008:

<http://www.oe.netl.doe.gov/docs/HurricaneComp0508r2.pdf>



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