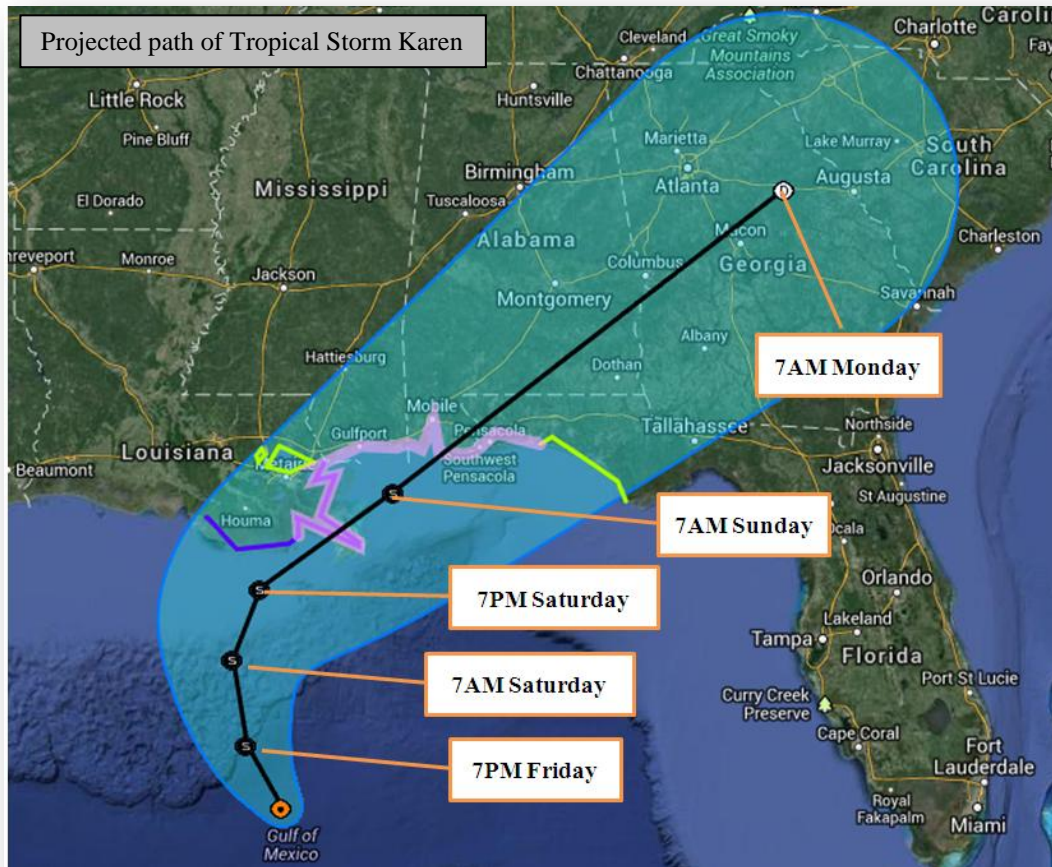




Tropical Storm Karen Situation Report # 1 October 4, 2013 (3:00 PM EDT)

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



Source: National Hurricane Center, NOAA

Highlights:

- As of 2:00PM EDT, October 4, Tropical Storm Karen—the eleventh named storm of the 2013 Atlantic hurricane season—is over the south-east Gulf of Mexico moving toward the north-northwest at approximately 12 mph, producing sustained winds of up to 50mph.
- A hurricane watch is in effect from Grand Isle, Louisiana to west of Destin, Florida. A tropical storm warning is in effect for Morgan City, Louisiana to the mouth of the Pearl River. A tropical storm watch is in effect for Metropolitan New Orleans, Lake Maurepas, Lake Pontchartrain, and from Destin to Indian Pass, Florida.
- Storm surges of up to four feet are predicted in some areas.
- As of 3:00PM EDT, October 4, Louisiana and Mississippi have issued state-wide state of emergency declarations. Florida has issued state of emergency declarations in 18 pan-handle counties. Alabama, Florida, Louisiana, and Mississippi have activated their State National Guard in preparation for the storm.
- As of 3:00PM EDT, October 4, there are no reported electric customer outages associated with the storm. Limited oil and natural gas infrastructure is being shut-in as a pre-cautionary measure.



- Industry is preparing for the storm by pre-positioning supplies, alerting personnel, and evacuating non-essential staff.

DOE Actions:

- ESF-12 is staffing the FEMA National Response Coordination Center (NRCC) in Washington, DC.
- The Energy Emergency Response Council (EERC) is staffing DOE Headquarters in Washington, DC.
- The Energy Response Team (ERT) is staffed virtually.

Petroleum & Natural Gas Information

Oil & Natural Gas Production

Gulf of Mexico Oil & Gas Production Shut-In Status as of 12:30 pm EDT 10/4/13			
Location	Volume Shut-In	Pre-Event Production	Percent (%) Shut-In
Crude Oil (b/d)	693,345	1,400,000	49.52
Natural Gas (MMcf/d)	1,497	3,800	39.38

Source: Bureau of Safety and Environmental Enforcement (BSEE)

- As of 12:30 pm EDT October 4, the Bureau of Safety and Environmental Enforcement (BSEE) reports 693,345 barrels per day (b/d) of the Gulf of Mexico (GOM) crude oil production is shut-in, equivalent to 49.52 percent of the GOM crude oil production. BSEE reports 1,497 million cubic feet per day (MMcf/d) of the GOM natural gas production is shut-in, equivalent to 39.38 percent of the GOM natural gas production. Personnel have been evacuated from a total of 185 production platforms, or 32.74 percent of the 565 manned platforms in the GOM. Personnel have been evacuated from 18 rigs, representing 37.5 percent of the 48 rigs currently operating in the GOM.

Refineries

- A list of refineries in Tropical Storm Karen's forecast cone is presented in the table below. No petroleum refineries have been impacted at this time.

Refineries in the Forecast Cone of Tropical Storm Karen as of 1:00 pm EDT 10/04/13						
Refinery	Location	Capacity (b/d)				
		Operating Capacity	Shut Down	Restarting	Reduced Runs	Normal
Chalmette Refining LLC	Chalmette, LA	192,500				
Chevron USA Inc	Pascagoula, MS	330,000				
Phillips 66 Co.	Belle Chasse, LA	252,000				
Shell Chemical LP	Saraland, AL	80,000				
Shell Oil Products US	Saint Rose, LA	45,000				
Valero Energy Corp.	Meraux, LA	125,000				
TOTAL		1,024,500	0	0	0	0



Note: The table does not include asphalt refineries or facilities already closed in prior years.

Sources: Confirmed by company or on company web site. Various trade press sources.

Ports

- The Louisiana Offshore Oil Port (LOOP) announced it will suspend marine operations at 1:00 PM EDT today. Deliveries to customers from its onshore storage facilities are unaffected. LOOP does not anticipate any disruption to customer deliveries during the tropical weather event.
- The Associated Branch Pilots, which serve vessels through the mouth of the Mississippi River, ceased operations as of 7:00 AM EDT today.
- U.S. Coast Guard Sector New Orleans has gone to Port Condition Y, which prohibits vessels from entering, transiting or remaining within the port's safety zone, as well as other restrictions on cargo operations and mooring, without the permission of the Captain of the Port.
- U.S. Coast Guard Sector Mobile has gone to Port Condition X-Ray, which places restrictions on vessels entering, transiting or remaining within the port's safety zone.

Natural Gas Pipelines

- The Destin Pipeline (gas capacity: 1,200 MMcf/d) reports it will be unable to provide natural gas transportation services from its offshore receipt points and claims Force Majeure until further notice. Destin's onshore receipt and delivery points will remain in operation.

Electric Information:

Nuclear Generation Facilities

- As of 3:00 PM EDT, October 4, there were no disruptions to nuclear power operations associated with the storm.

Electric Utility Preparation Information

- As of 3:00PM EDT, October 4, Coast Electric, Gulf Power, Entergy Mississippi, Entergy Louisiana, Escambia River Electric, Singing River Electric Power Association, and Southern Pine Electric Power Association have reported activities including staging line crews, tree trimming crews and contractors, fueling bucket trucks and stocking warehouses with additional materials.

State Preparation Information

Alabama

- On October 3, Governor Robert Bentley stated that emergency response agencies will be ready to respond to Tropical Storm Karen, as needed. The Alabama Emergency Management Agency is operating at a Level Two activation with 200 National Guard supporting various locations.

Florida

- On October 3, the Florida State Emergency Operations Center upgraded operations to a Level Two activation and Governor Rick Scott declared a state of emergency in 18 Florida counties to allow for the potential deployment of resources as needs develop. The state of emergency is currently in effect for the following counties: Escambia, Santa Rosa, Okaloosa, Walton, Holmes, Washington,



Bay, Gulf, Calhoun, Jackson, Franklin, Liberty, Gadsden, Wakulla, Leon, Jefferson, Madison, and Taylor Counties. Earlier today, the National Hurricane Center issued a Hurricane Watch for Escambia, Okaloosa, Santa Rosa, Walton, Bay, and Gulf Counties.

- The Florida National Guard has activated 20 guardsmen who will be directing the pre-positioning of equipment and personnel in order to respond to the storm.

Louisiana

- As of October 3, Governor Bobby Jindal declared a state of emergency. The governor mobilized 650 of the 7,000 available Louisiana National Guardsmen ahead of the storm; of these troops, 520 National Guard technicians were recalled from furlough status to support this emergency.
- The Louisiana Coastal Protection and Restoration Authority is coordinating with the Army Corps of Engineers (USACE), as well as area levee and conservation districts, to monitor rising water levels to determine appropriate times to close flood and navigation gates on area waterways if necessary.

Mississippi

- On October 3, Governor Phil Bryant declared a state of emergency. The Mississippi Emergency Management Agency, the Mississippi National Guard, the state's Department of Public Safety, and other emergency officials are continuing to monitor the situation as it develops.

For additional details, please see the Energy Information Administration's energy infrastructure mapping tool with real-time storm information: <http://www.eia.gov/special/disruptions/>