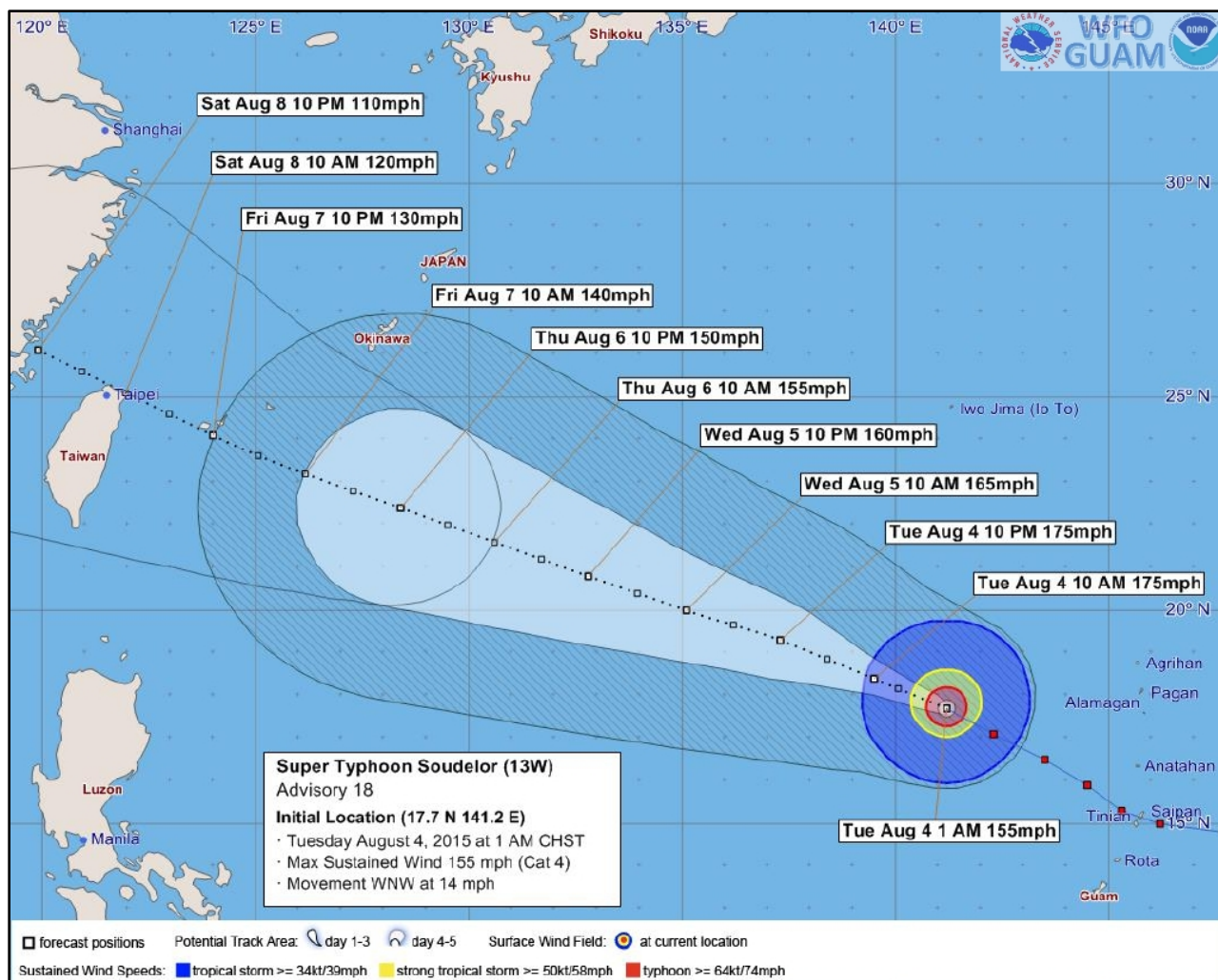




Typhoon Soudelor (13W) Situation Report #1 August 3, 2015 (6:30 PM EDT)



Source: Guam Forecast Office at NOAA's National Weather Service

Highlights:

- As of 12:00PM EDT today, Monday, August 3, Typhoon Soudelor passed the Northern Mariana Islands and is located approximately 350 miles west-northwest of Saipan.
 - There are no remaining watches or warnings in effect for the Northern Mariana Islands.
 - Typhoon Soudelor impacted the island of Saipan directly on Sunday, August 2, with highest reported wind speeds of 91mph.
- Severe damage to the electricity infrastructure on island of Saipan was observed, with estimates for restoration of approximately one month.
- The Commonwealth of the Northern Mariana Islands (CNMI) has no conventional energy resources and meets nearly all of its energy needs, including electricity generation, with petroleum received by ship at harbors on its three inhabited islands: Saipan, Tinian, and Rota. All ports remain closed.



DOE Actions:

Operations:

- Effective July 31, 2015, at 12:00PM EDT/9:00AM PDT, the Department of Energy's Energy Response Organization (ERO) activated to Level III (Enhanced Watch) in support of Tropical Storm Soudelor (13W).
- Effective August 1, 2015, one ESF-12 field responder is deployed with the Regional IMAT at the Guam Interim Operating Facility (IOF) on the island. ESF-12 participated in the IMAT initial damage assessments in Saipan today, August 3. Severe damage to the electricity sector was observed. ESF-3 is assisting with repairs and temporary power, as needed. On August 3, 2015 at 4:00PM EDT/1:00PM PDT DOE activated a second regional IMAT Representative to deploy to Saipan at the request of FEMA Region IX.
- ESF-12 is covering 24 hour operations at the FEMA Region IX Regional Response Coordination Center (RRCC) in Oakland, CA. As of July 31, 2015, at 12:00PM EDT/9:00 PDT, one ESF-12 field responder is deployed to the FEMA Region IX Regional Response Coordination Center (RRCC) in Oakland, CA. On August 2, 2015 at 12:00AM EDT/9:00PM PST, a second ESF-12 responder was added for night shift coverage.

Energy Sector Outreach:

- DOE Energy Response Organization (ERO) staff at headquarters as well as DOE ESF-12 personnel deployed to FEMA Region IX held an outreach call today, Monday August 3, 2015, with the American Public Power Association (APPA) to discuss coordination of mutual aid and resources to APPA's member utility in Saipan. No requests for federal assistance, no unmet needs at this time.

Electricity Information:

The electric power generation and distribution system of Commonwealth of the Northern Mariana Islands (CNMI) is managed by the Commonwealth Utilities Corporation (CUC), a public corporation of the CNMI government. Three of the fifteen islands are inhabited and about 90% of the population lives on Saipan (48,220 citizens). Generating capacity is approximately 70MW on Saipan, which is supplied through diesel generators located at two power plants in the central port area of Tanapag on the western side of the island. The island has a distribution network of 135 miles of a 13.8 kV system. Saipan has seven (feeder) distribution lines originating from its Lower Base plant.

Nuclear Generation Facilities

- There are no nuclear generating plants in the Northern Mariana Islands.

Electric Utility Information

- The Commonwealth Utilities Corporation (CUC) suffered widespread damage to Saipan's power generation and distribution system when Typhoon Soudelor made landfall Sunday evening.
 - As of 5:30PM EDT, August 3, the island remains without power, water, and wastewater services.
 - Debris on major roadways is hampering assessment and restoration efforts.
 - Estimates are upwards of one month to complete restoration of essential power services. Customers are preparing for an extended power and water outage.



- CUC is working with the Federal Emergency Management Agency (FEMA) to perform an island-wide assessment to ascertain damage and plan recovery efforts.
- CUC has mutual aid agreements with Guam Power Authority.

Petroleum & Natural Gas Information

The Commonwealth of the Northern Mariana Islands (CNMI) has no conventional energy resources and meets nearly all of its energy needs, including electricity generation, with petroleum received by ship at harbors on its three inhabited islands: Saipan, Tinian, and Rota.

Crude Oil & Natural Gas Production

- CNMI has no indigenous crude oil or natural gas production.

Petroleum Refineries

- CNMI has no petroleum refineries.

Petroleum Terminals

- Two fuel storage facilities operated by Mobil Oil (10 tanks – gasoline, diesel, and jet fuel) and IP&E (4 tanks – gasoline) are located at the Port of Saipan on the central northwest side of Saipan (the largest island). These facilities receive shipments from larger storage terminals on Guam. The island of Tinian receives small shipments of transportation fuels at a facility in Tinian Harbor.
 - The U.S. Coast Guard (USCG) National Command Center reported a 130,000-gallon gasoline storage tank at the Mobil Oil terminal was damaged by flying debris. The tank is in a containment area surrounded by a four foot berm. Approximately 11,000 gallons of gasoline has spilled and is contained within this area and has been covered with Aqueous Film-Forming Foam (AFFF), a fire fighting agent. Efforts to seal the tank are in progress.
 - USCG also reports that a vessel broke free of its moorings and breached a 1,000-gallon diesel tank at a non-terminal dock in the Port of Saipan, leading to the release of about 500 gallons into the water. A major pollution event is being declared and Saipan Port remains closed.

Fuel for Power Generation

- Commonwealth Utilities Corporation (CUC), which manages the electric power generation and distribution system on CNMI, uses approximately 22-24 million gallons of diesel fuel per year. Saipan currently has a maximum diesel fuel storage capacity of over three million gallons (when all tanks are in use), allowing for a maximum of about 1.5 months of active fuel storage.
- Due to an island-wide power outage, the Saipan Hospital is operating on backup generators. As of August 2, the hospital estimated enough fuel for two days of operations.

Ports

- As of 5:00AM EDT, August 3/7:00 PM ChST August 3, the ports of Saipan, Tinian, and Rota in CNMI remain closed awaiting USCG assessments to clear ports for operations. The Saipan Port has declared a major pollution event due to a 500-gallon gasoline spill. USCG also confirmed that three vessels were blown from their mooring and were aground in Tanapag Harbor on August 3. USCG officially placed all CNMI ports in Condition Zulu as of 4:00PM EDT on August 1/6:00AM ChST on August 2, meaning that all activity, both on the water, and at the seaports is officially suspended.

**Status of Ports**

| Port Sector | Status | Date Stamp |
|--------------------|---------------|--|
| Saipan (CNMI) | Zulu (Closed) | 5:00 AM EDT, Aug. 3/7:00 PM ChST, Aug. 3 |
| Tinian (CNMI) | Zulu (Closed) | 5:00 AM EDT, Aug. 3/7:00 PM ChST, Aug. 3 |
| Rota (CNMI) | Zulu (Closed) | 5:00 AM EDT, Aug. 3/7:00 PM ChST, Aug. 3 |
| Apra Harbor (Guam) | Zulu (Closed) | 5:00 AM EDT, Aug. 3/7:00 PM ChST, Aug. 3 |

Source: U.S. Coast Guard

- According to the Port Authority of Guam, the tanker *Barents Sea* is due into Apra Harbor (Guam) August 10. According to shipping data from Reuters, the tanker's last charter carried clean products.

Petroleum Product Pipelines

- CNMI has no major petroleum transport pipelines.

Natural Gas Pipelines

- CNMI has no natural gas pipelines.

Natural Gas Processing

- CNMI has no natural gas processing plants.

Natural Gas Storage

- CNMI has no natural gas storage facilities.

Territory Government Information:

- Northern Mariana Islands
 - The CNMI EOC is fully activated; running on generator power to protect equipment from power surges.
 - On August 2, Ralph DLG. Torres, Lieutenant to CNMI Governor, declared a State of Major Disaster and Significant Emergency for the entire Commonwealth.
 - The CNMI Governor also declared a price freeze for the Commonwealth as of August 3, 2015. Pursuant to the Commonwealth Disaster Price Freeze Act, this price freeze shall apply to the following items:
 - Gasoline, kerosene, diesel fuel, natural gas, and all other chemical fuels, whether in gaseous, liquid, or solid form;
 - Generators, cables, wires, electrical batteries of every sort, and similar equipment for the generation or transmission of electrical power;
 - Tools typically used for construction, ground clearing, or home repairs, whether electrically powered, chemically powered, or manual, including, but not limited to, saws, machetes, hammers, drills, shovels, rakes, and brooms.
 - The price freeze shall remain in effect until August 8, 2015, unless otherwise extended by official order.