



The Sewerage & Water Board

OF NEW ORLEANS

625 ST. JOSEPH STREET
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www.swbno.org

June 16, 2025

Dear Mayor Cantrell, Honorable Members of the New Orleans City Council, and Orleans Parish Delegation:

This report is delivered in accordance with Revised Statute 33:4091, Section F, which states: *“In addition to the other requirements of this Section, the board shall send a report, by electronic mail, to the members of the Orleans Parish legislative delegation and the members of the governing authority of Orleans Parish detailing the pumping and electrical power of its facilities and the available manpower no later than twenty-four hours prior to a hurricane entering the Gulf of Mexico as determined by the National Weather Service and no later than forty eight hours after a flood watch or warning or thunderstorm watch or warning is issued by the National Weather Service for any area of Orleans Parish.”*

Flash flood warnings were issued for the New Orleans area for the afternoons of June 13 and 14, 2025 due to a summer weather pattern of afternoon storms. The status of SWBNO’s pumping and power equipment before and during the events is detailed below.

STORM IMPACTS

June 13, 2025

Thunderstorms began in the late morning hours in the New Orleans metro area and continued until early afternoon. The highest recorded accumulation was 1.91 inches at DPS 17, with over 1.5 inches recorded in an hour at this location. The average accumulation across affected stations was 0.76 inches. The highest rainfall intensity was 4.56 inches/hr at DPS 1 in Broadmoor. The average rainfall intensity across the network was 2.85 inches/hour. *Note that readings from Station A have been removed from the evaluation until erroneous readings can be addressed.*

June 14, 2025

Thunderstorms began in the late morning hours in the New Orleans metro area and continued through the evening. The highest recorded accumulation was 2.29 inches at DPS 19 in the Upper 9th Ward, with over 2 inches recoded in an hour at this location. The average accumulation across affected stations was 0.96 inches. The highest rainfall intensity was 6.96 inches/hr at Central Control in Hollygrove. The average rainfall intensity across the network was 2.51 inches/hour. *Note that readings from Station A have been removed from the evaluation until erroneous readings can be addressed.*

Pooling was observed and reported by the Real Time Crime Center (RTCC) at multiple locations across the City on June 14 starting around 5pm. The majority of areas were resolved between 6pm and 9pm that day.

PUMPING AND POWER

Below is the status of SWBNO's pumping and power equipment at the outset of the event.

Drainage Pumps:

A total of 89 of 93 drainage pumps were reported in service at the outset of the event.

- DPS 13:** **No. 4 pump (diesel pump) is for emergency use only. Additional drainage funding is needed to move forward with repairs.**
5 additional pumps are available at this station
- DPS 14:** **No. 3 pump out of service due to mechanical issues. #3 repairs will be completed via contract, with RTS anticipated in Q3 2025.**
3 additional pumps are available at this station
Note that drainage from this area can also be addressed by DPS 10, DPS 16, and Dwyer DPS via the Morrison Canal.
- DPS 15:** **No. 1 pump gearbox repairs are in progress. RTS Q3 2025.**
2 additional pumps are available at this station
- DPS 18:** **Pump No. 1 out of service as of May 2024. A contractor has been engaged to make the repair, with RTS anticipated in summer 2025.**

1 additional pump is available at this station.

No major pump-related issues were encountered during the event.

For reference, maps showing the tributaries (i.e. drainage areas) for each pumping station are included on the Pumping and Power Dashboard (<https://www.swbno.org/Projects/PumpingandPower>), which are included as reference maps at the end of this report.

Underpass Stations:

At UPS Old Carrollton, which services the Carrollton Ave/Interstate I-10 underpass, two of three pumps at that location are out of service. A temporary pump is installed at this location.

Higher-than-normal water levels were observed on these two days at the Franklin, Press, and Old Carrollton underpass stations.

Power:

A combination of Frequency Changers, Turbine 5, and EMDs were used for this event, with no major pumping or power issues encountered during the event. Turbine 4 was not available.

Unit*	Frequency	Capacity in MW	Available
T4	25 Hz	20 MW (18.5 MW revised capacity)	0 (RTS TBD)
T5	25 Hz	20 MW (16 MW revised capacity)	16
Carrollton Frequency Changers 1&2	Converts 60 to 25Hz	8.5 MW	8.5
Station D Frequency Changers 3&4	Converts 60 to 25Hz	12 MW	12
West Bank Power Complex (Algiers Water Treatment Plant)	Converts 60 to 25Hz	2.5 MW	0 (out of service)

Unit*	Frequency	Capacity in MW	Available
Five EMDs	25Hz	12.5 MW (total) 2.5 MW (each)	12.5
Plant Frequency Changer via T6	Converts 60 to 25Hz	3.75 MW	0 MW (RTS to be determined)
		Total 25 Hz:	49 MW
T6	60 Hz	22 MW	22 MW

*T3 has been decommissioned as of May 2021, and T1 has been decommissioned as of June 2022. Both units have been removed from this table.

STAFFING

Of New Orleans' 24 drainage pumping stations, some are staffed, some run remotely, and some are staffed as circumstances dictate. For this event, all stations were staffed appropriately.

DRAINAGE AREA REFERENCE MAPS

For a complete map, visit <https://www.swbno.org/Projects/PumpingandPower>





