

Wildfire Preparation



BPU

August 15, 2024

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Deputy Director -
Water & Sewer Operations



OUR FUTURE IN EVERY DRÖP

2024 Fire Season

- June 10, 2024
- Above Average Rainfall
- Increased Vegetation
- Acres Burned - CA
 - 2023 - 324,917
 - 2024 - 778,118



June

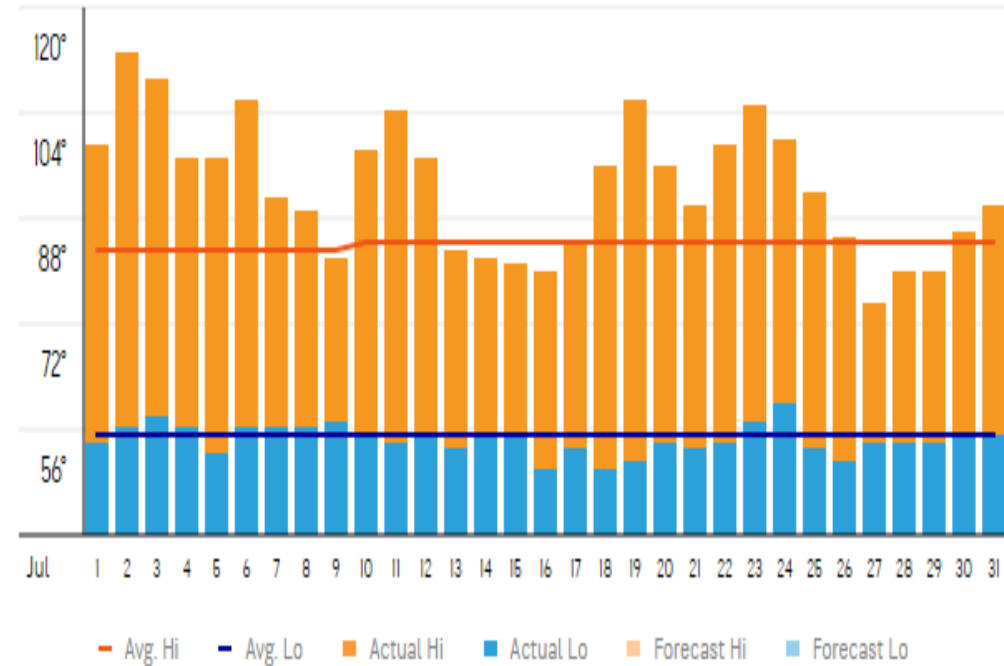
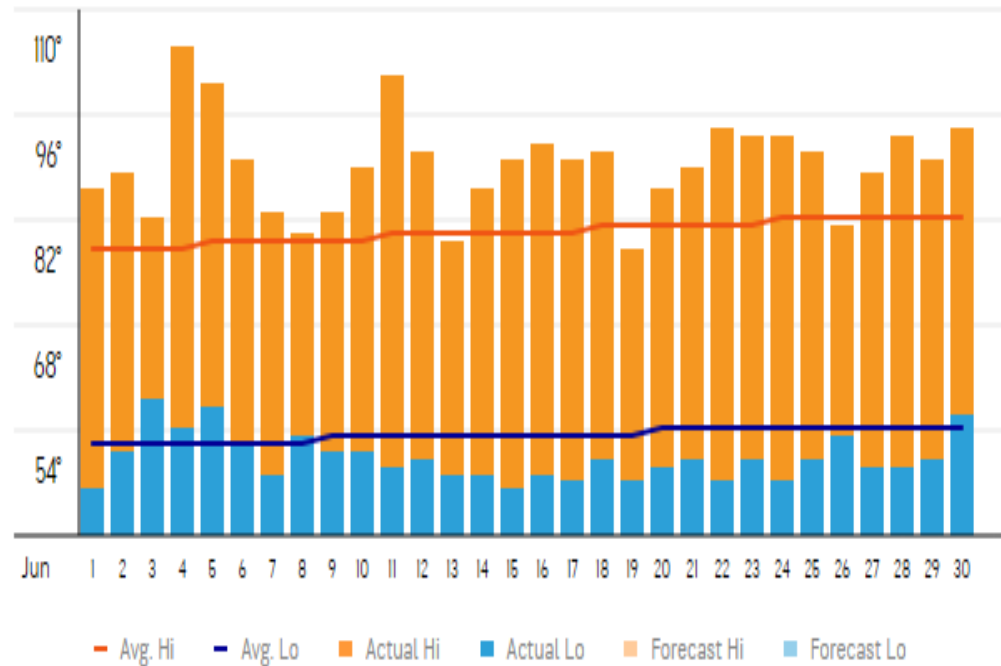
July

TEMPERATURE GRAPH

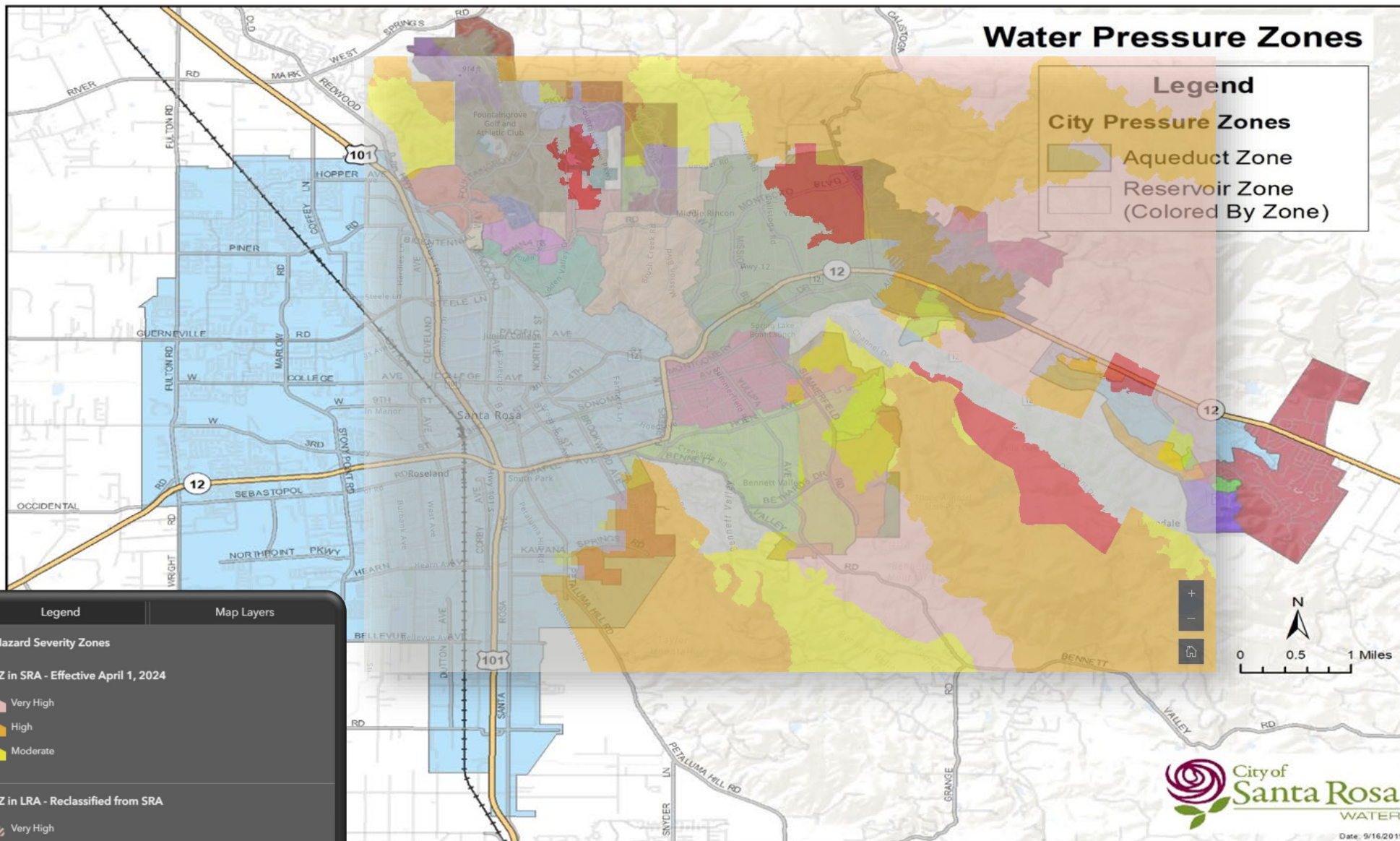
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TEMPERATURE GRAPH

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OUR FUTURE IN EVERY DROP



Fire Damage & Interrupted Power Supply

- Damaged Infrastructure
- Denied Access During the Emergency
- Communication Interruptions
- PG&E Cut Power for Safety
- PSPS
- Excessive Demand
- Water and Sewer Service Disruptions

Preparation and Planning

- Training Staff
- Developing Effective Drills
- Developing/Refining Procedure
- Stocking Supplies
- Infrastructure Improvements
- Preparing Trucks and Equipment
- Communication

Communication

- Bi-Monthly Water Operations Meeting – Sonoma Water and Contractors
- Water and Fire Communications Meeting
- PG&E Webinars and PSPS Updates
- National Weather Service SF Bay Area
- Internal
- External



System Resiliency

- Stationary Generators
- SCADA
- Hardened Facilities
- Radio Communication
- Standardized Equipment
- Redundancy



Mobile Equipment



Infrastructure Improvements

- Controller (PLC) and Radio Upgrades
- Fiber Optic Communication
- Backup Generator Replacement



Questions

