



Sonoma Water

Clean. Reliable. Essential. Every Day.

Flood Zone 3A

SONOMA WATER: STREAM MAINTENANCE
PROGRAM UPDATE 2024

Chase Takajo
12/10/24



Vegetation Management

- Fryer Creek
 - Instream Vegetation Management
 - Dead/Hazardous Tree removal



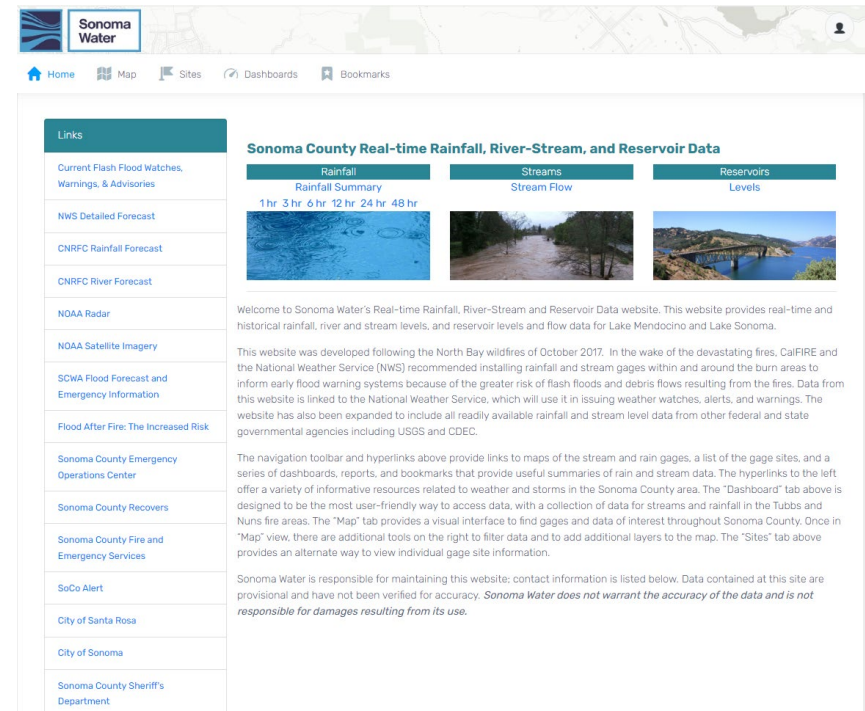
Vegetation Management

- Sonoma Creek
 - Blockage Removal



Sonoma Onerain System

- OneRain
 - Sonoma.onerain.com
 - Real time rainfall, river-stream and reservoir data



The screenshot displays the Sonoma Water OneRain website. At the top, there is a navigation bar with the Sonoma Water logo and a search icon. Below the navigation bar, there are links for Home, Map, Sites, Dashboards, and Bookmarks. The main content area is divided into two columns. The left column contains a 'Links' section with a list of resources: Current Flash Flood Watches, Warnings, & Advisories; NWS Detailed Forecast; CNRFC Rainfall Forecast; CNRFC River Forecast; NOAA Radar; NOAA Satellite Imagery; SCWA Flood Forecast and Emergency Information; Flood After Fire: The Increased Risk; Sonoma County Emergency Operations Center; Sonoma County Recovers; Sonoma County Fire and Emergency Services; SoCo Alert; City of Santa Rosa; City of Sonoma; and Sonoma County Sheriff's Department. The right column features a section titled 'Sonoma County Real-time Rainfall, River-Stream, and Reservoir Data'. This section has three sub-sections: Rainfall (with a 'Rainfall Summary' and a '1 hr 3 hr 6 hr 12 hr 24 hr 48 hr' filter), Streams (with a 'Stream Flow' filter), and Reservoirs (with a 'Reservoirs Levels' filter). Below these filters are three images: a satellite view of a river, a stream flowing through a forest, and a reservoir with a bridge. To the right of these images is a welcome message and a disclaimer: 'Welcome to Sonoma Water's Real-time Rainfall, River-Stream and Reservoir Data website. This website provides real-time and historical rainfall, river and stream levels, and reservoir levels and flow data for Lake Mendocino and Lake Sonoma. This website was developed following the North Bay wildfires of October 2017. In the wake of the devastating fires, CalFire and the National Weather Service (NWS) recommended installing rainfall and stream gages within and around the burn areas to inform early flood warning systems because of the greater risk of flash floods and debris flows resulting from the fires. Data from this website is linked to the National Weather Service, which will use it in issuing weather watches, alerts, and warnings. The website has also been expanded to include all readily available rainfall and stream level data from other federal and state governmental agencies including USGS and CDEC. The navigation toolbar and hyperlinks above provide links to maps of the stream and rain gages, a list of the gage sites, and a series of dashboards, reports, and bookmarks that provide useful summaries of rain and stream data. The hyperlinks to the left offer a variety of informative resources related to weather and storms in the Sonoma County area. The "Dashboard" tab above is designed to be the most user-friendly way to access data, with a collection of data for streams and rainfall in the Tubbs and Nuns fire areas. The "Map" tab provides a visual interface to find gages and data of interest throughout Sonoma County. Once in "Map" view, there are additional tools on the right to filter data and to add additional layers to the map. The "Sites" tab above provides an alternate way to view individual gage site information. Sonoma Water is responsible for maintaining this website; contact information is listed below. Data contained at this site are provisional and have not been verified for accuracy. Sonoma Water does not warrant the accuracy of the data and is not responsible for damages resulting from its use.'

Sonoma Onerain System

Water Surface Elevation (7WSE)

Reload

Home > Sites > Nathanson Creek 2nd Street East (40224) > Water Surface Elevation (7WSE)

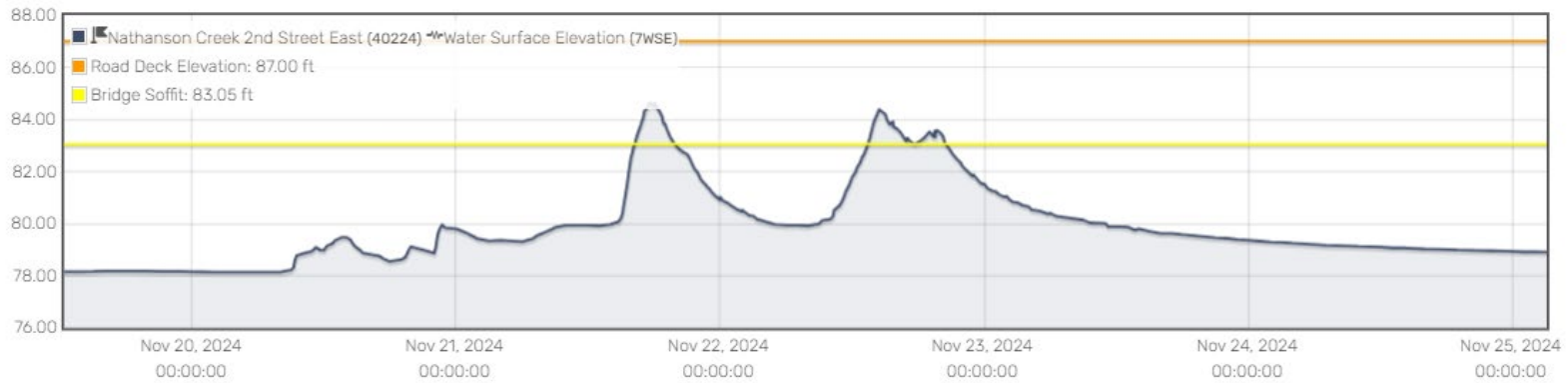
78.08 ft
13 minutes ago

84.64 ft
Value Max

77.99 ft
Value Min

01 November, 2024 - 30 November, 2024

Markers Legend Thresholds Zoom Out



Thresholds

IF

Road Deck Elevation 87.00 ft

Bridge Soffit 83.05 ft

Associated Sensors

Stage (7) 0.44 ft

13 minutes ago



Beaver Activity

- Ongoing Beaver Management
- Fryer Creek Beaver Study Completed



Questions?



Sonoma
Water