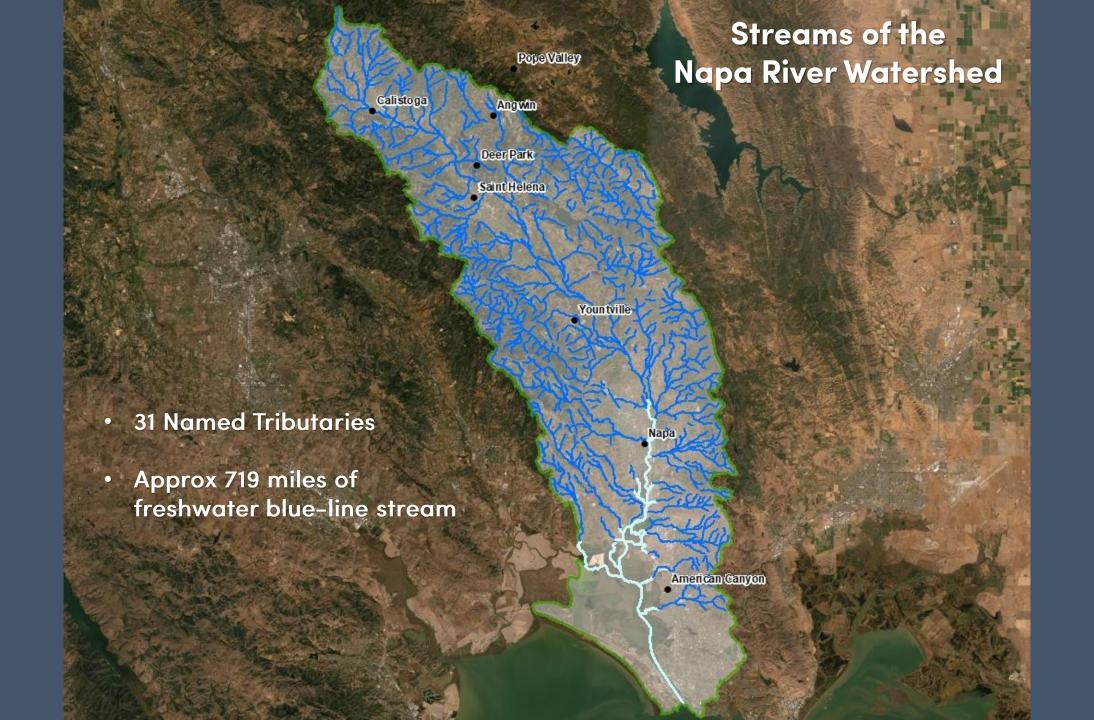
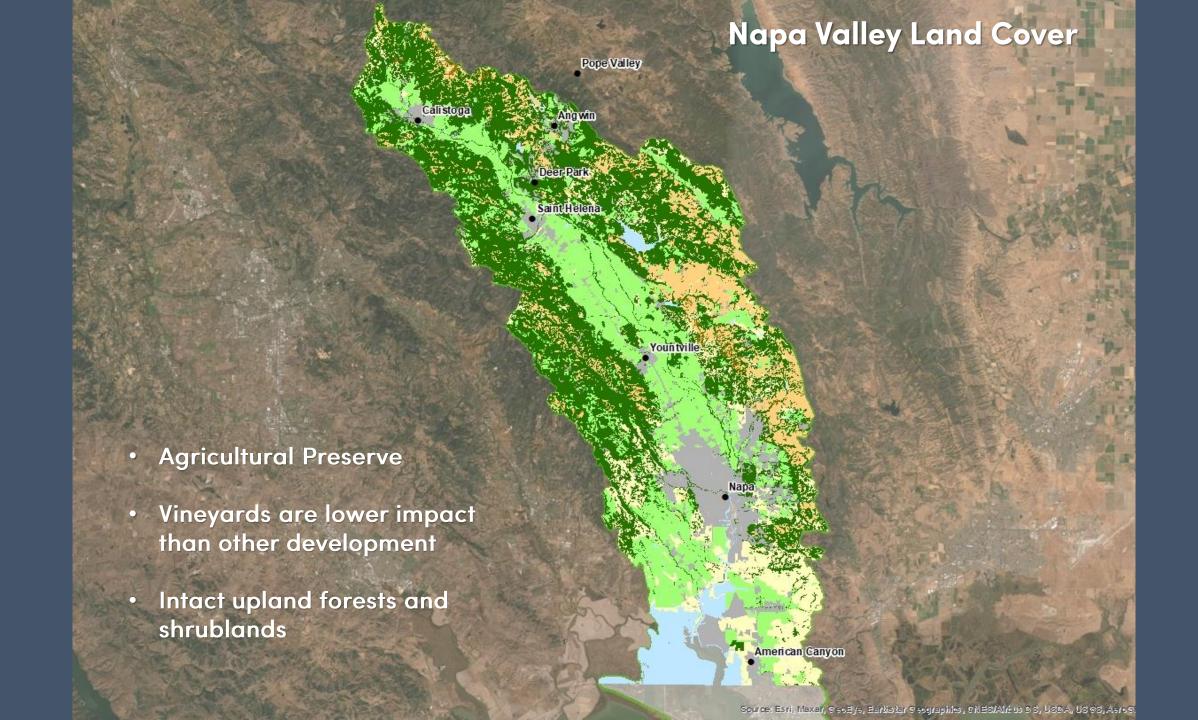
Stream Watch

A Citizen–Science Groundwater and Surface Water Monitoring Program for Napa Valley









Mill Creek

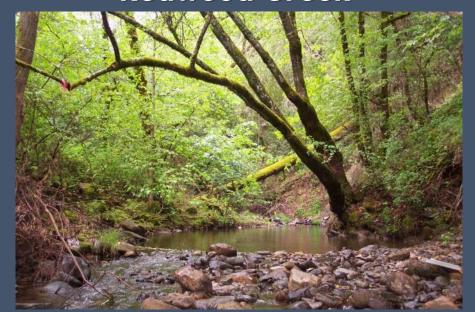






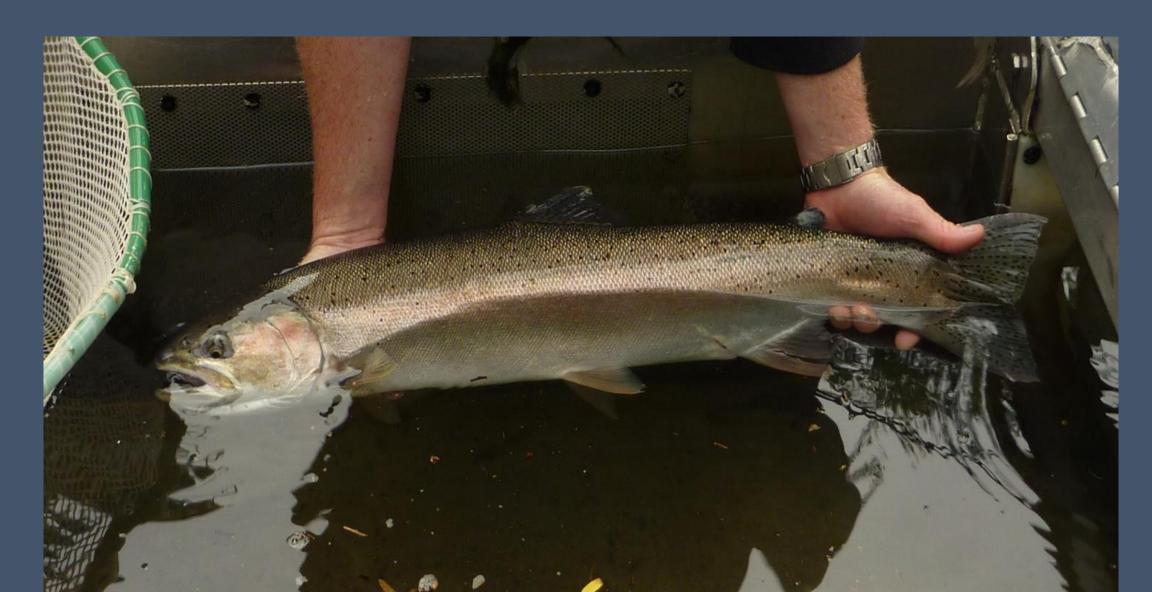
Redwood Creek

Campbell Creek





Steelhead *Oncorhynchus mykiss*

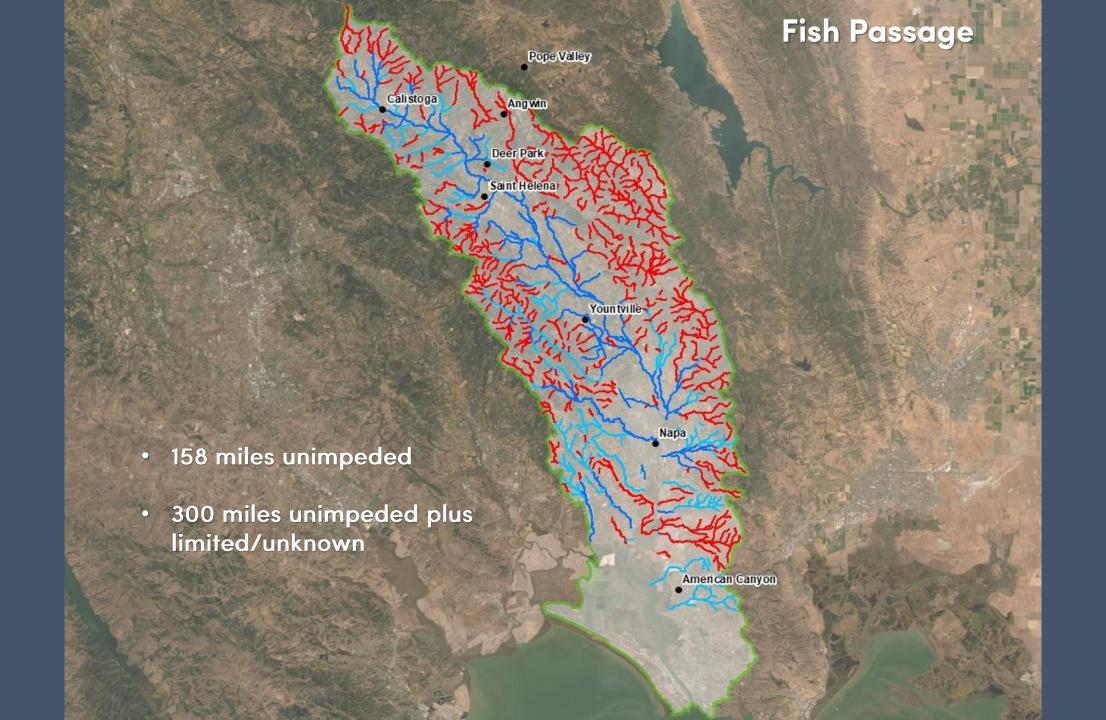


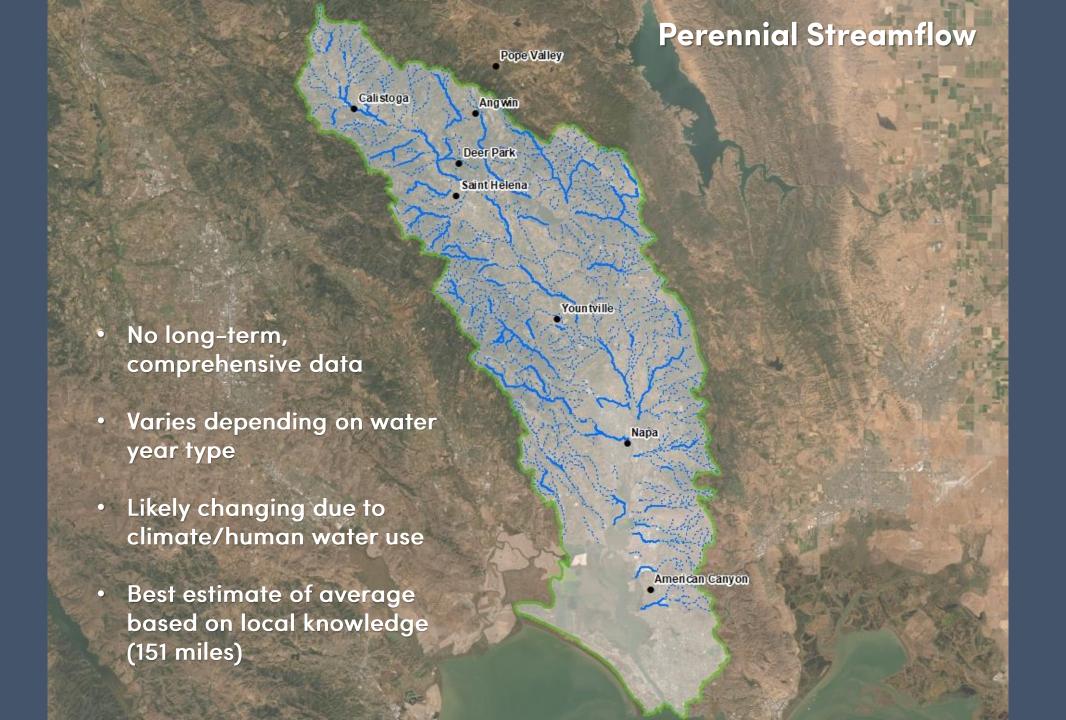
Steelhead

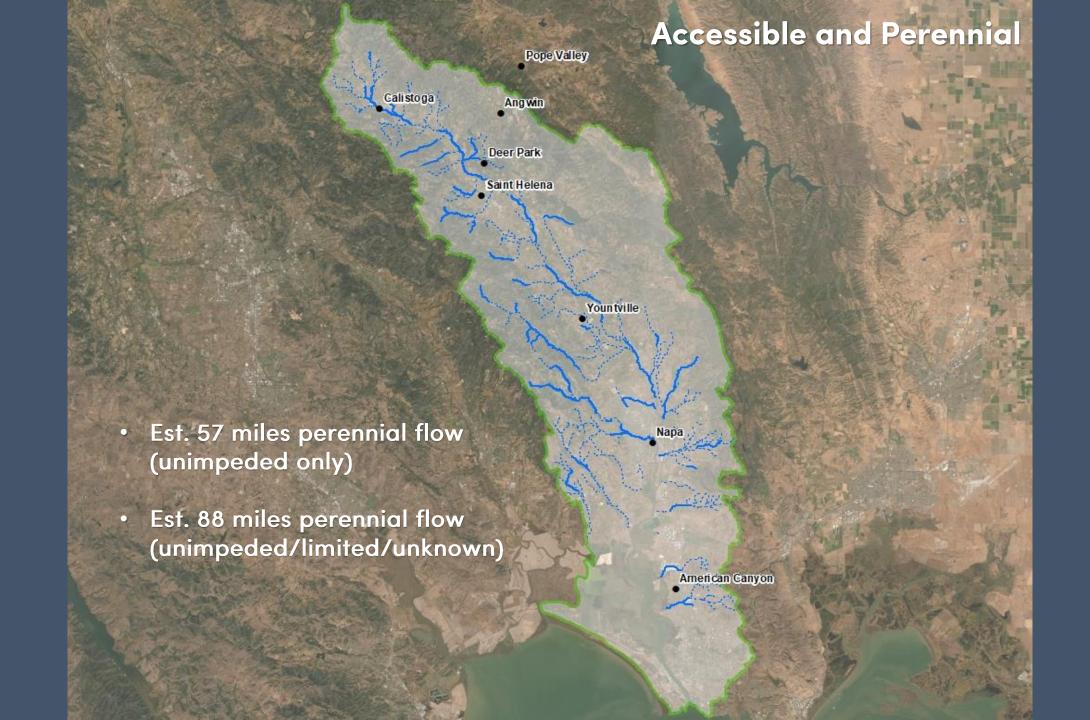
Oncorhynchus mykiss

- Listed as "Threatened" under the Federal Endangered
 Species Act
- Anadromous form of Rainbow Trout
- Young spend 1-4 years in freshwater

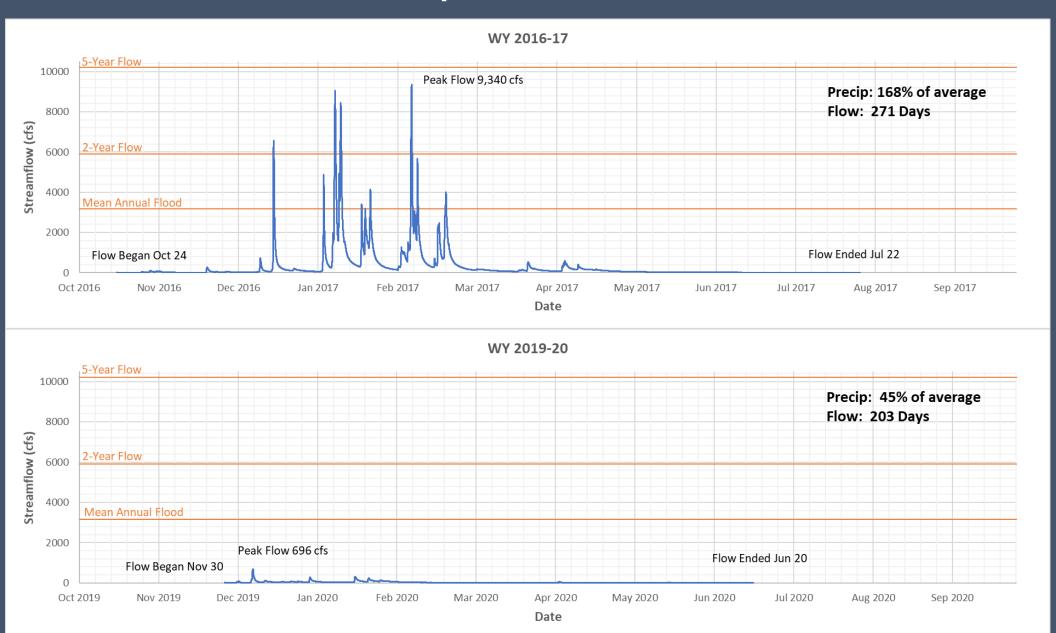


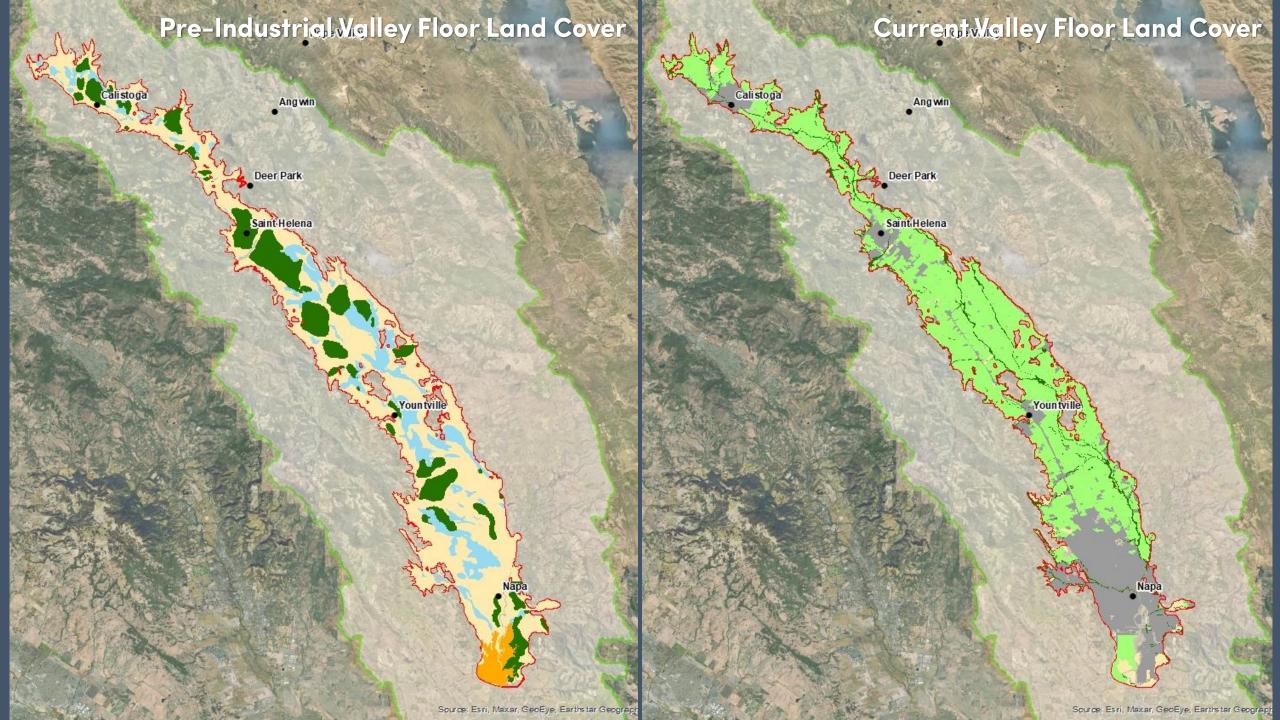


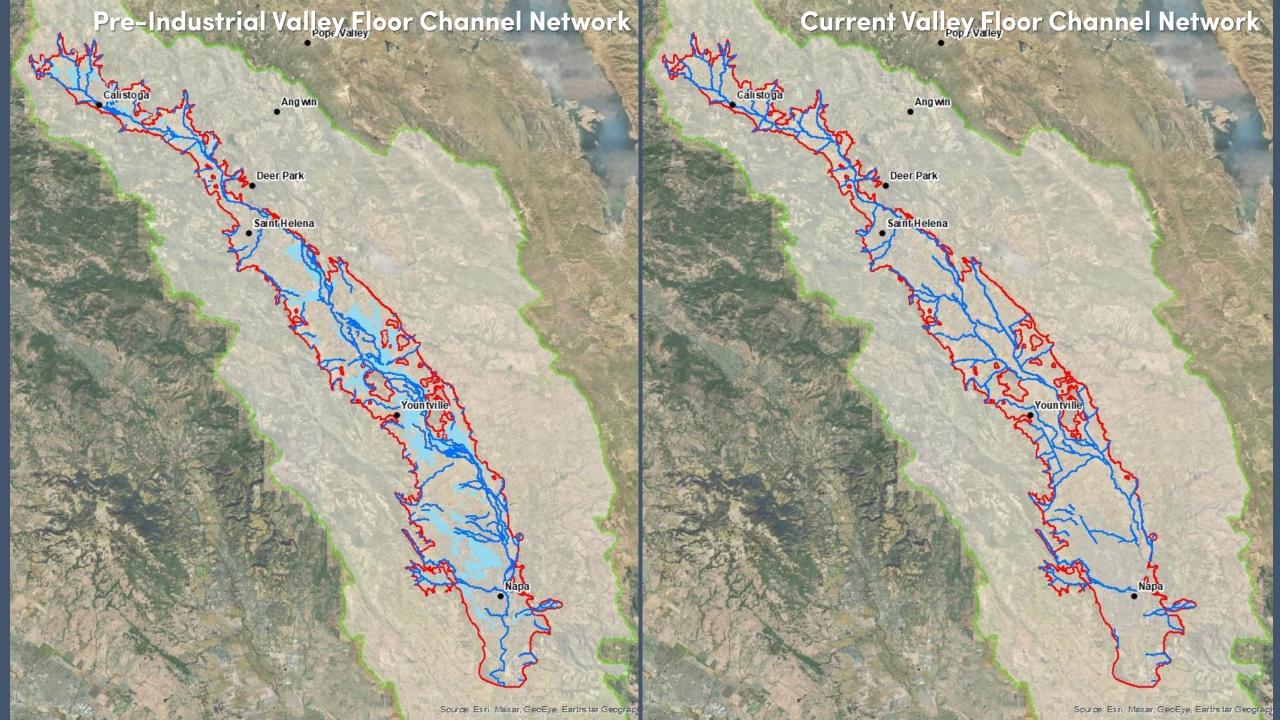


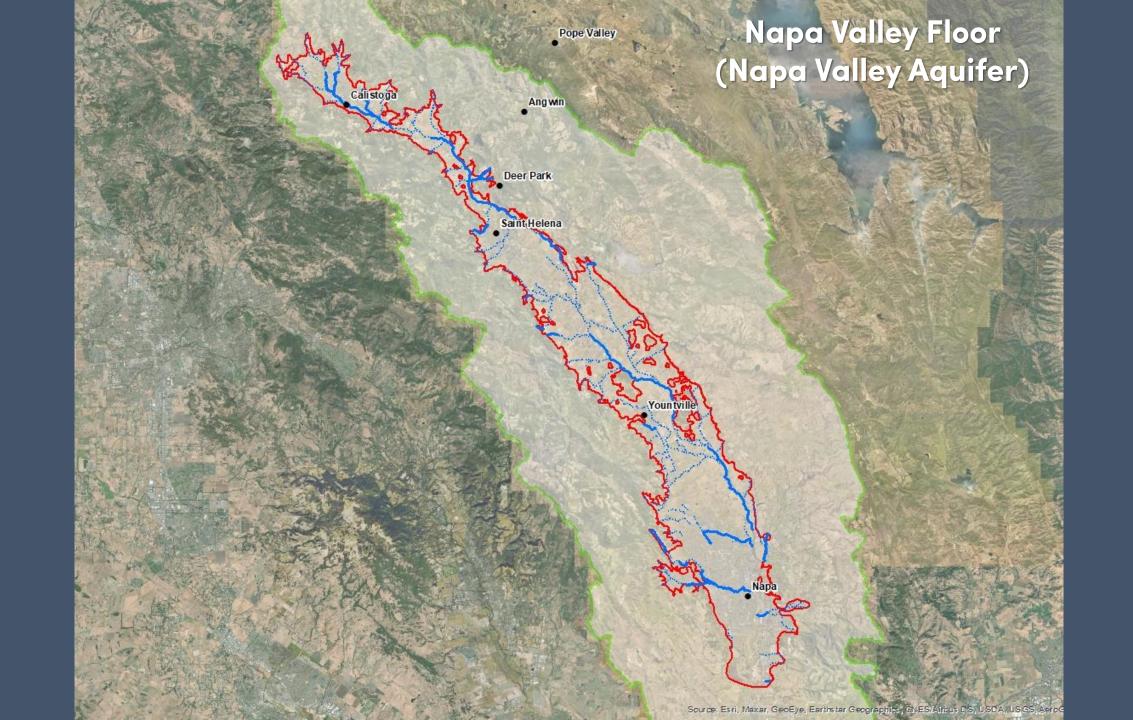


USGS Napa River Streamgaging Station Near Pope Street, St Helena





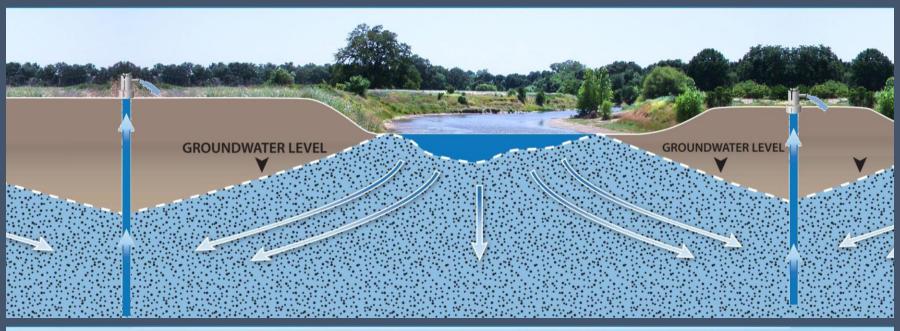


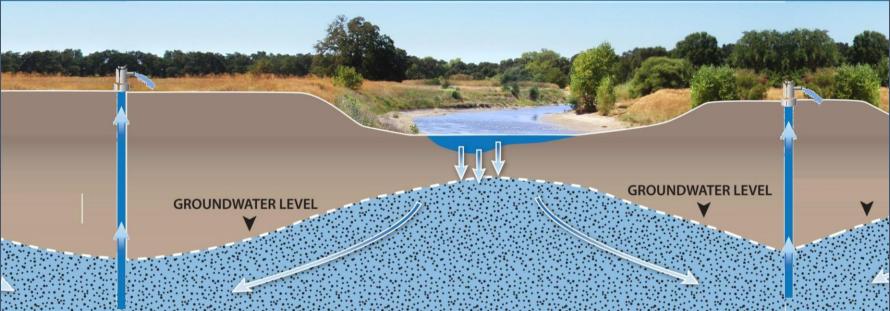


Gaining Stream



Losing Streams

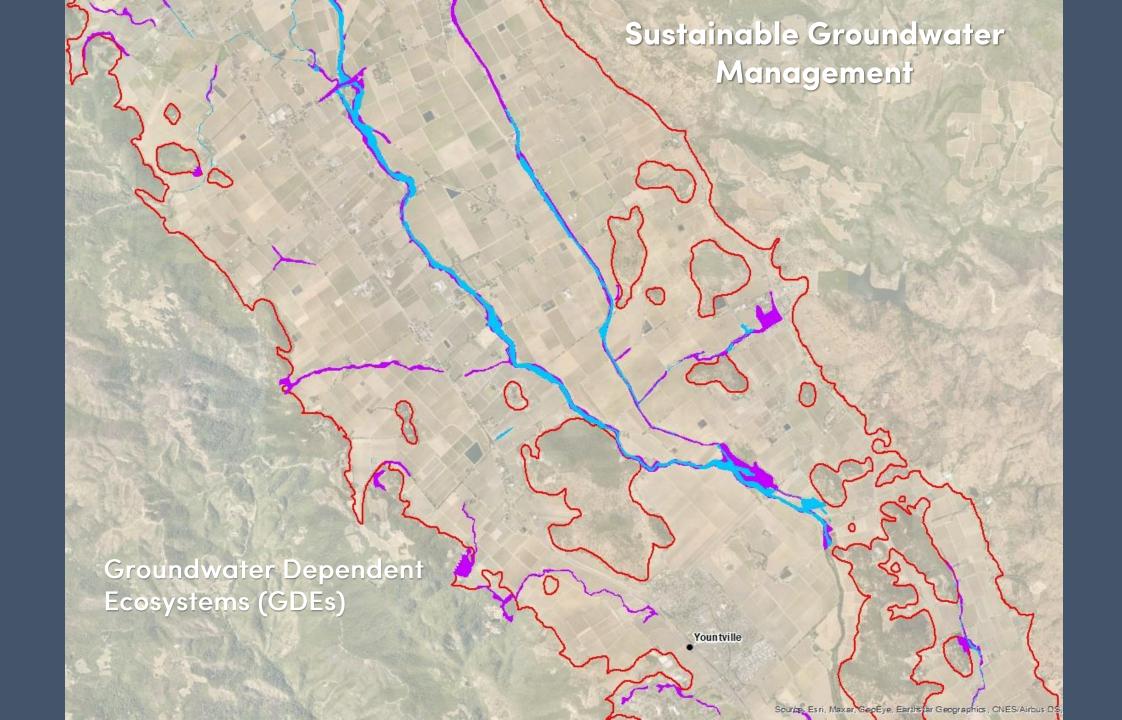


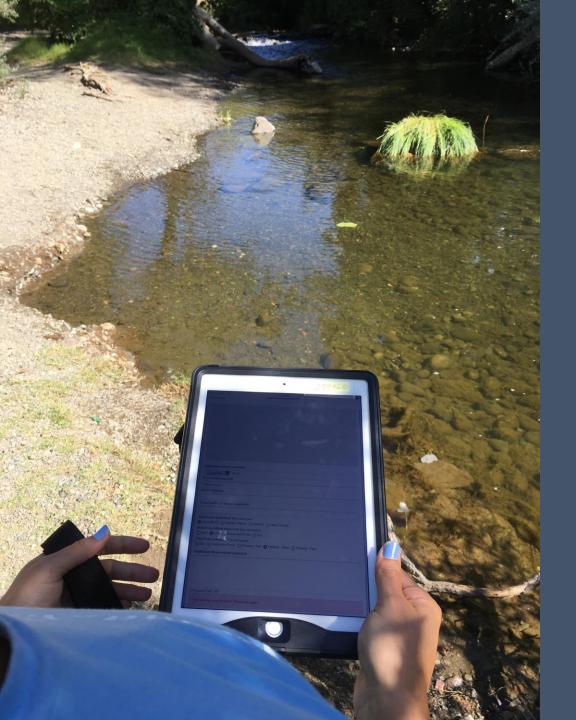


Dry Stream



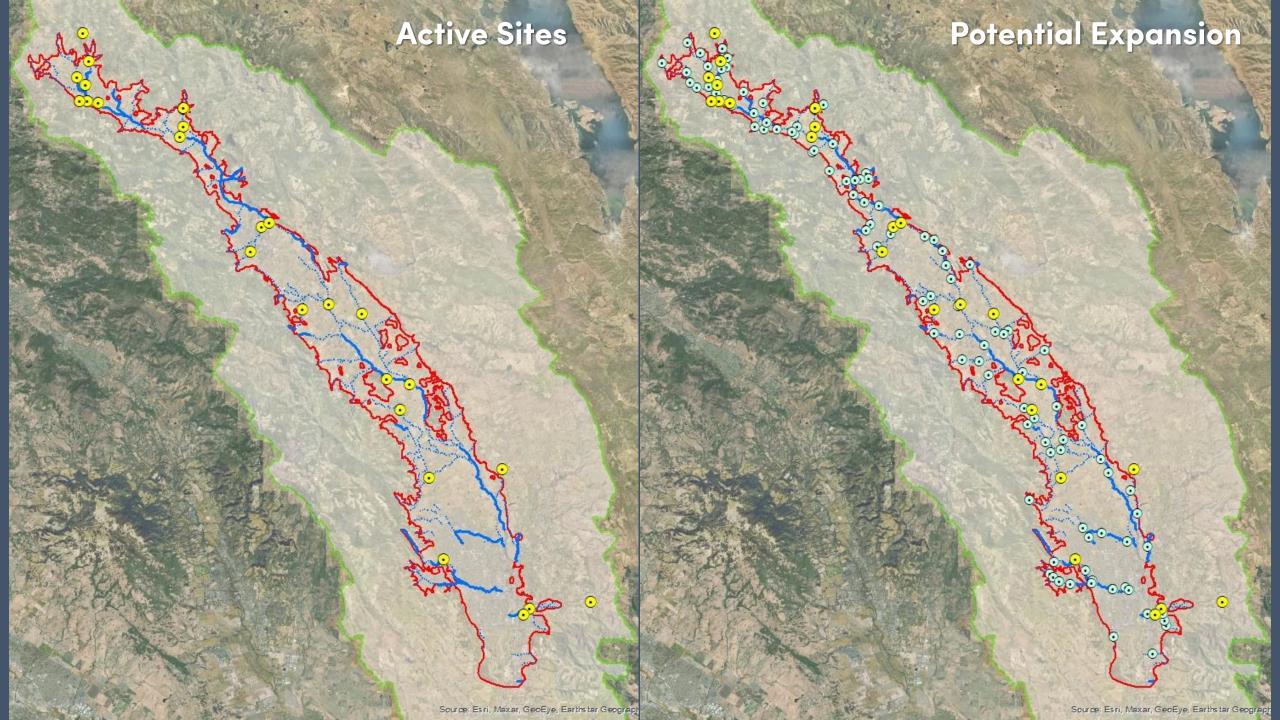
Ritchey Creek **Tulucay Creek Bale Slough Camille Creek Napa River** York Creek





So what do we want to do about all this?

Go out and look at the streams.



Dry Isolated Pools Flowing











Contribute a stream observation



1. Napa River at Yountville Eco-Reserve Upload your photo (required) Choose File No file chosen Your Name (required) Email (optional) Organization or School (optional) O Not Littered O Slightly Littered O Littered O Very Littered Water Level (required) See examples ○ High ○ Low ○ Separated Pools ○ Dry

Characters left: 200

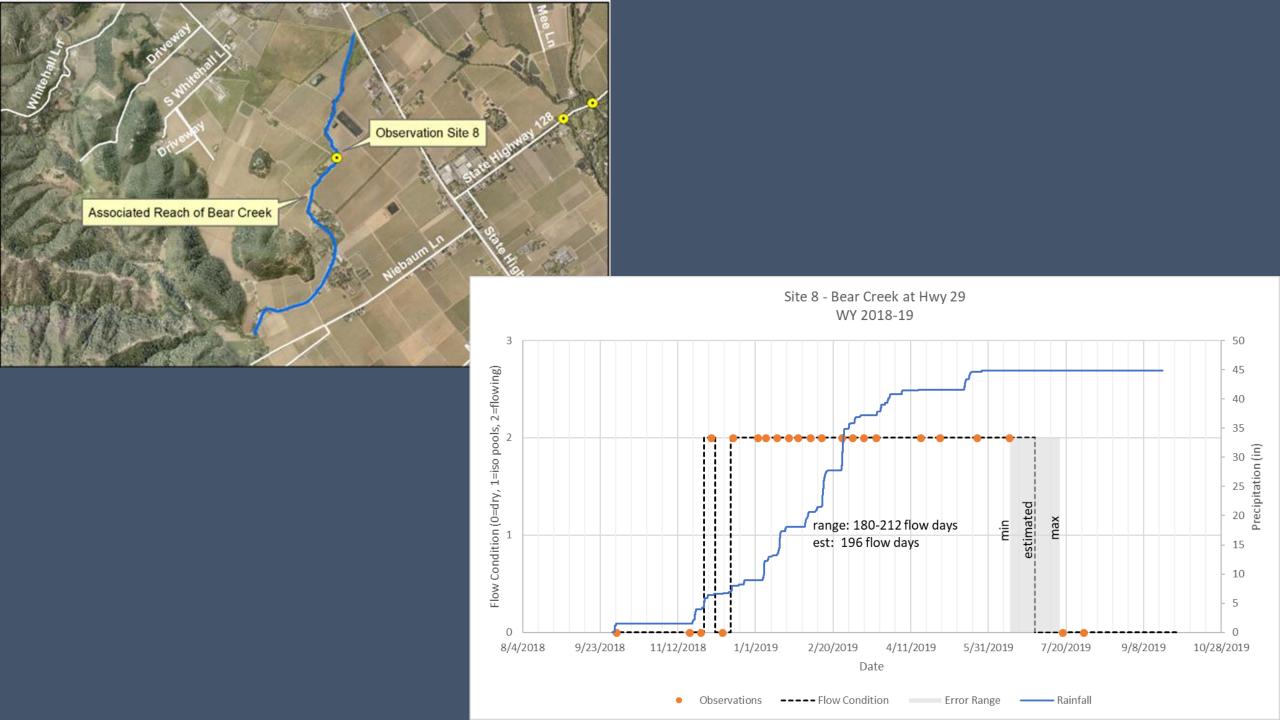
Flow Rate (required) See examples

Additional Observations (optional)

O Dry O Separated Pools O Flowing - Still O Flowing - Slow O Flowing - Fast

I'm not a robot		reCAPTOHA Privecy - Terms
Upload	Cancel	

- Web-based data collection tool already in development by WICC and available for use
- Volunteers can collect data and photos with their own smartphones or tablets
- Development may continue to include an app and data presentation features



Benefits

- Will identify priority steelhead summer rearing habitat
- Will identify priority reaches for further study/restoration
- Will engage the community in local watershed science
- Will assist with SGMA compliance by providing cost-effective monitoring of GDEs

Challenges

- Funding
- Safety at Observation Sites
- Privately-owned reaches
- Web tool is not as easy as a smartphone app, and does not work at all sites

More Information:

naparcd.org

napawatersheds.org

Thanks to:

- Napa County Watershed Information & Conservation Council (WICC)
- Friends of the Napa River (FONR)
- Napa County Wildlife Conservation Commission (WCC)

