

Sproul Creek Streamflow Monitoring

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Salmonid Restoration Federation

Sproul Creek Watershed Meeting
May 12



www.calsalmon.org

Sproul Creek, South Fork Eel



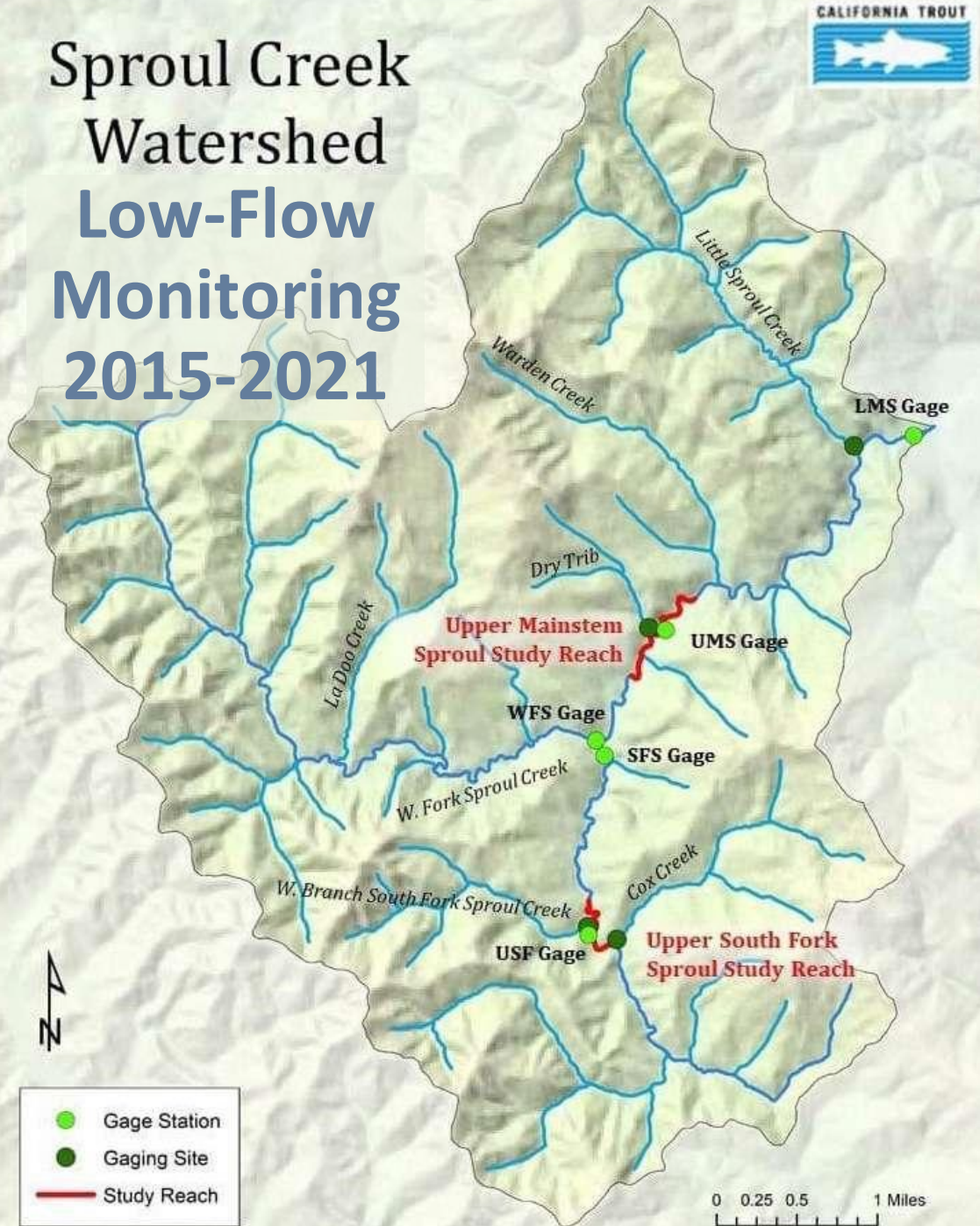
Majority of Watershed Protected in Conservation Easement

Paired Watershed Study Redwood Creek & Sproul Creek are approx. 25 sq. mi.

Impaired and relatively unimpaired

Both tributaries historically supported strong salmonid runs

Sproul Creek Watershed Low-Flow Monitoring 2015-2021

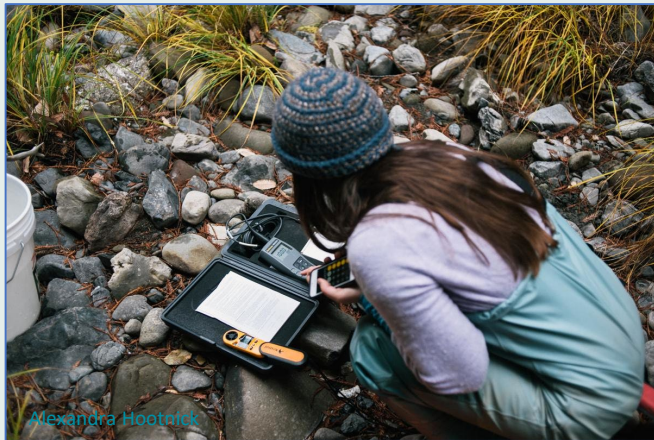


How to Measure Streamflow

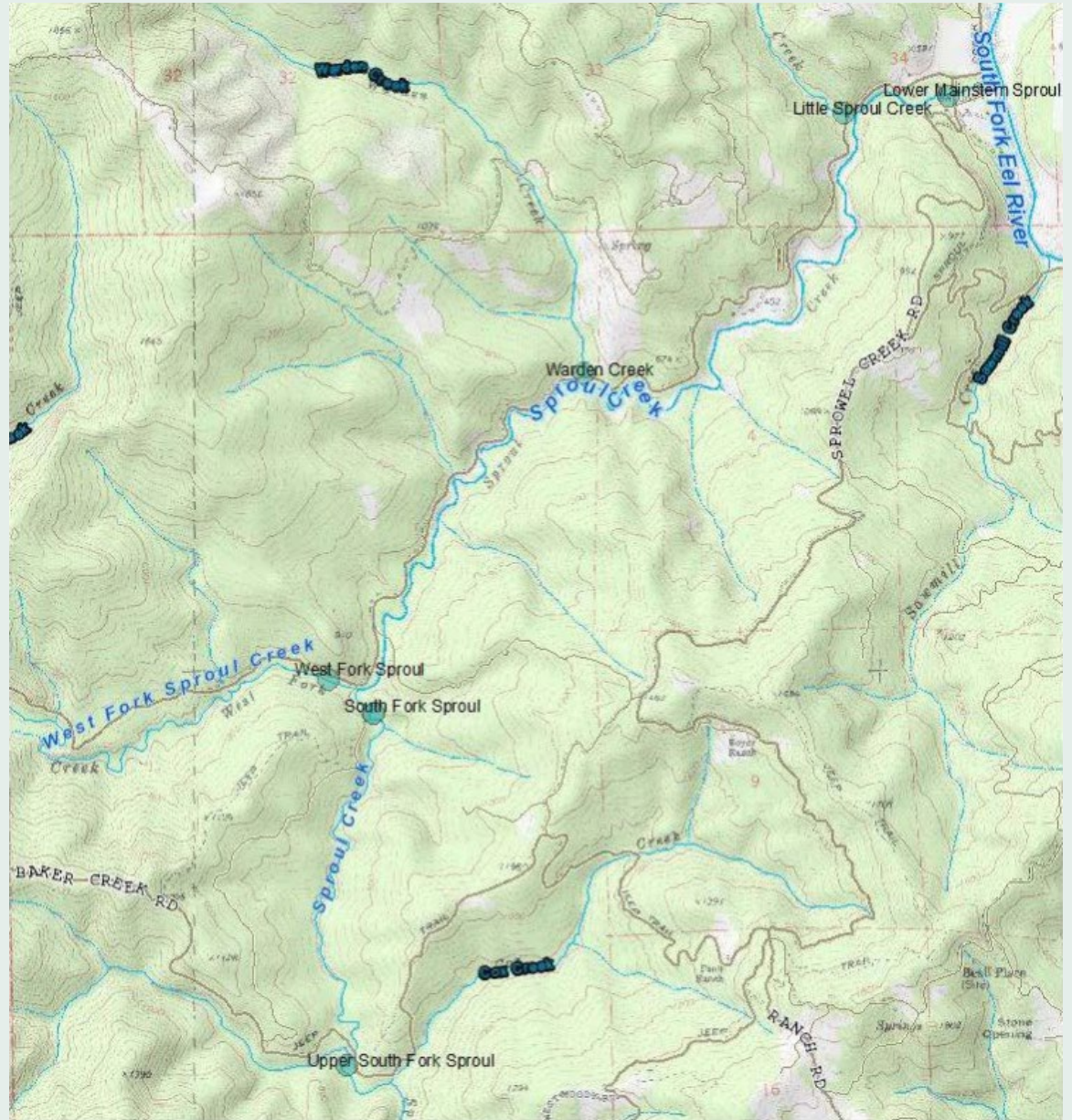




Alexandra Hootnick

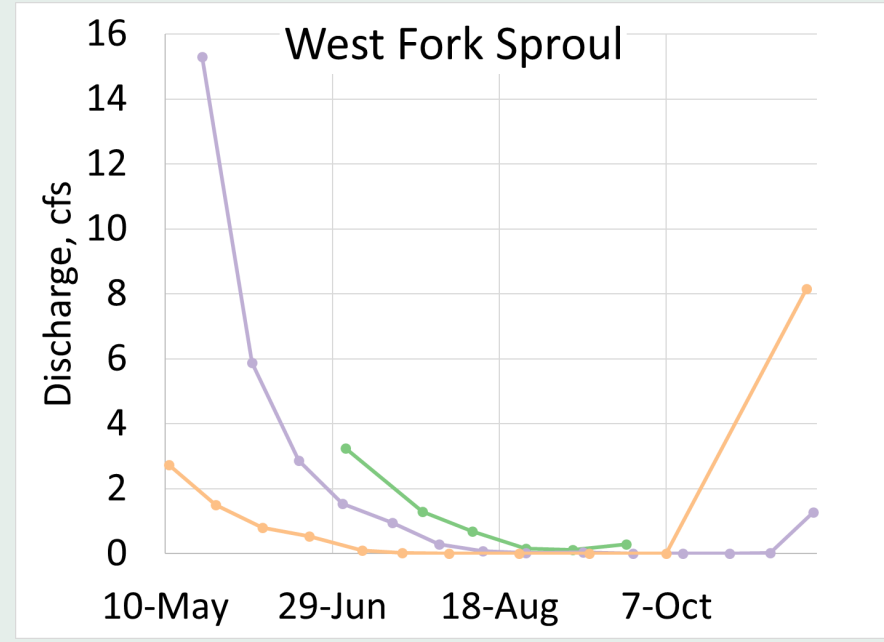
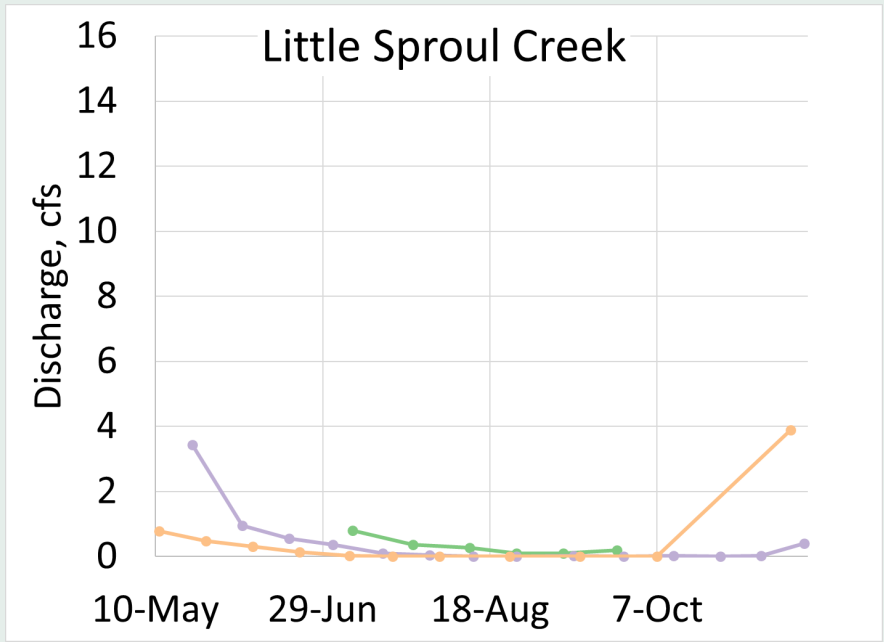
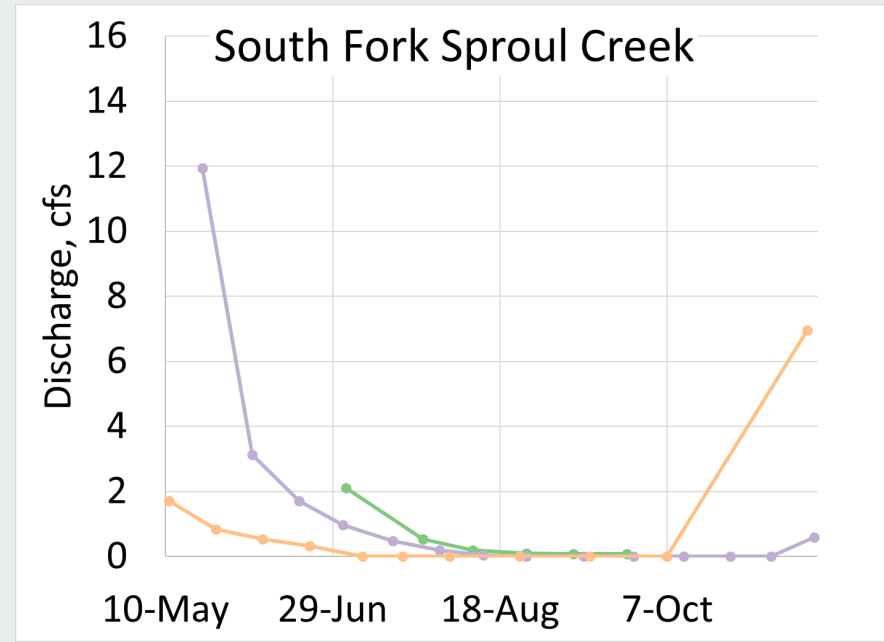


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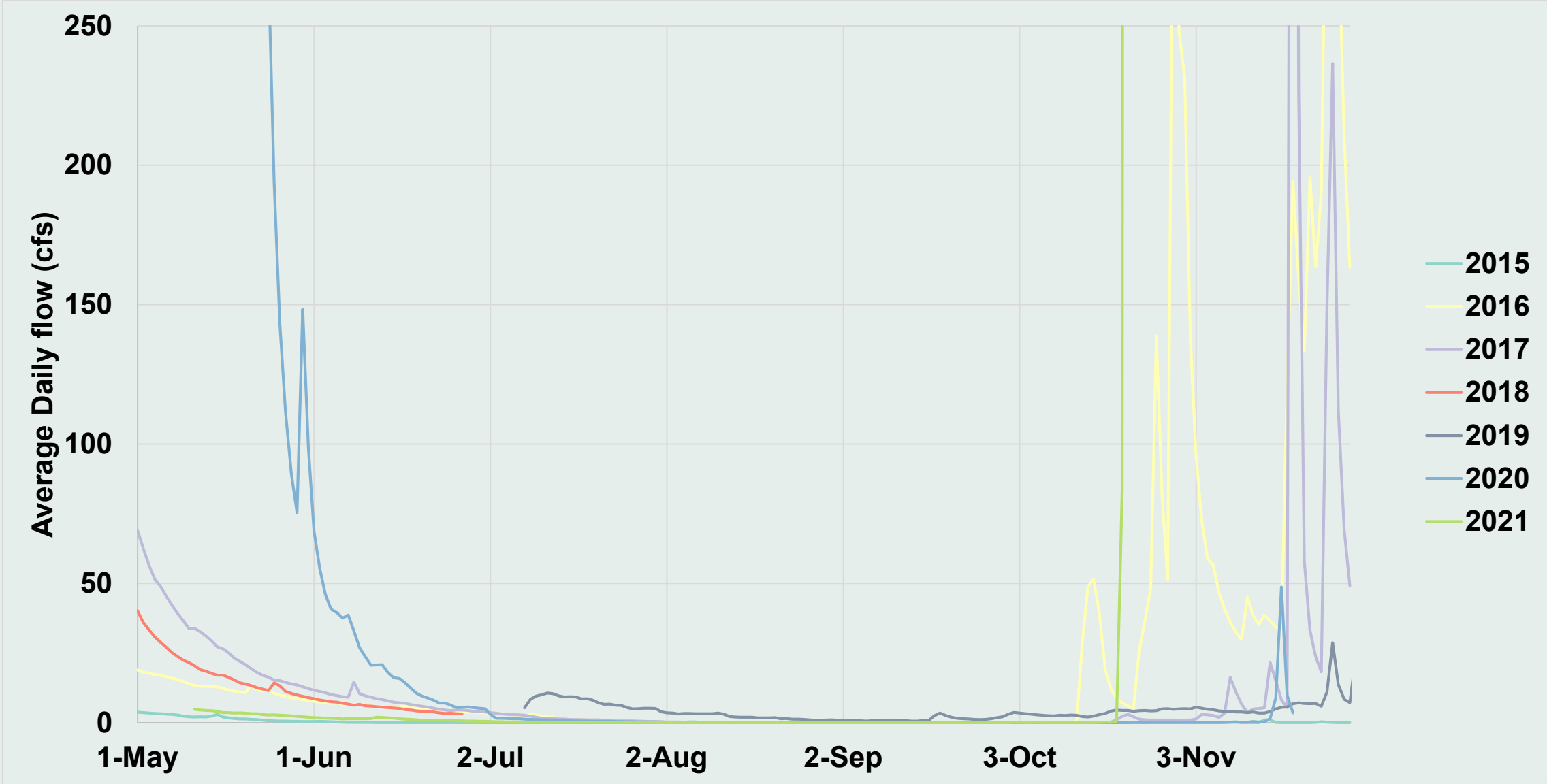


- 2019-high, 2020-medium, 2021-low flow year
- South Fork Sproul has more aggradation
- Little Sproul keeps flowing longest

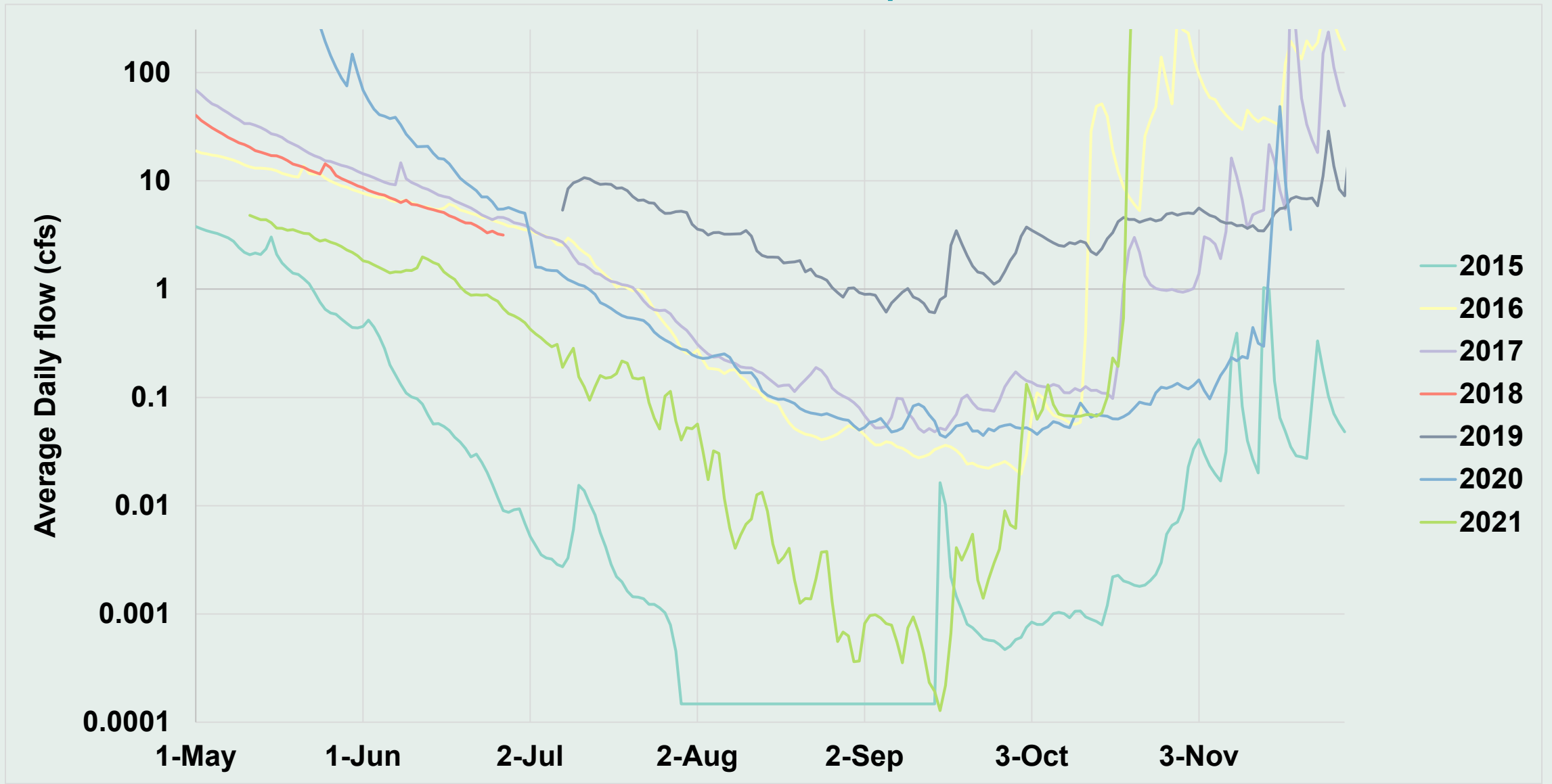
—●— 2019 —●— 2020 —●— 2021

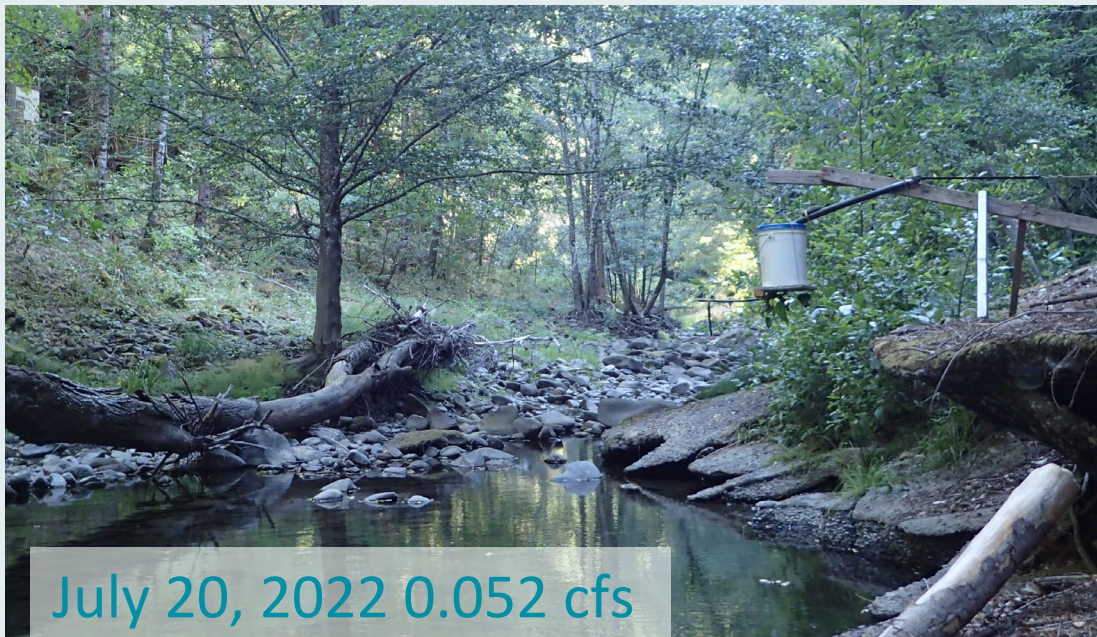


Lower Mainstem Sproul

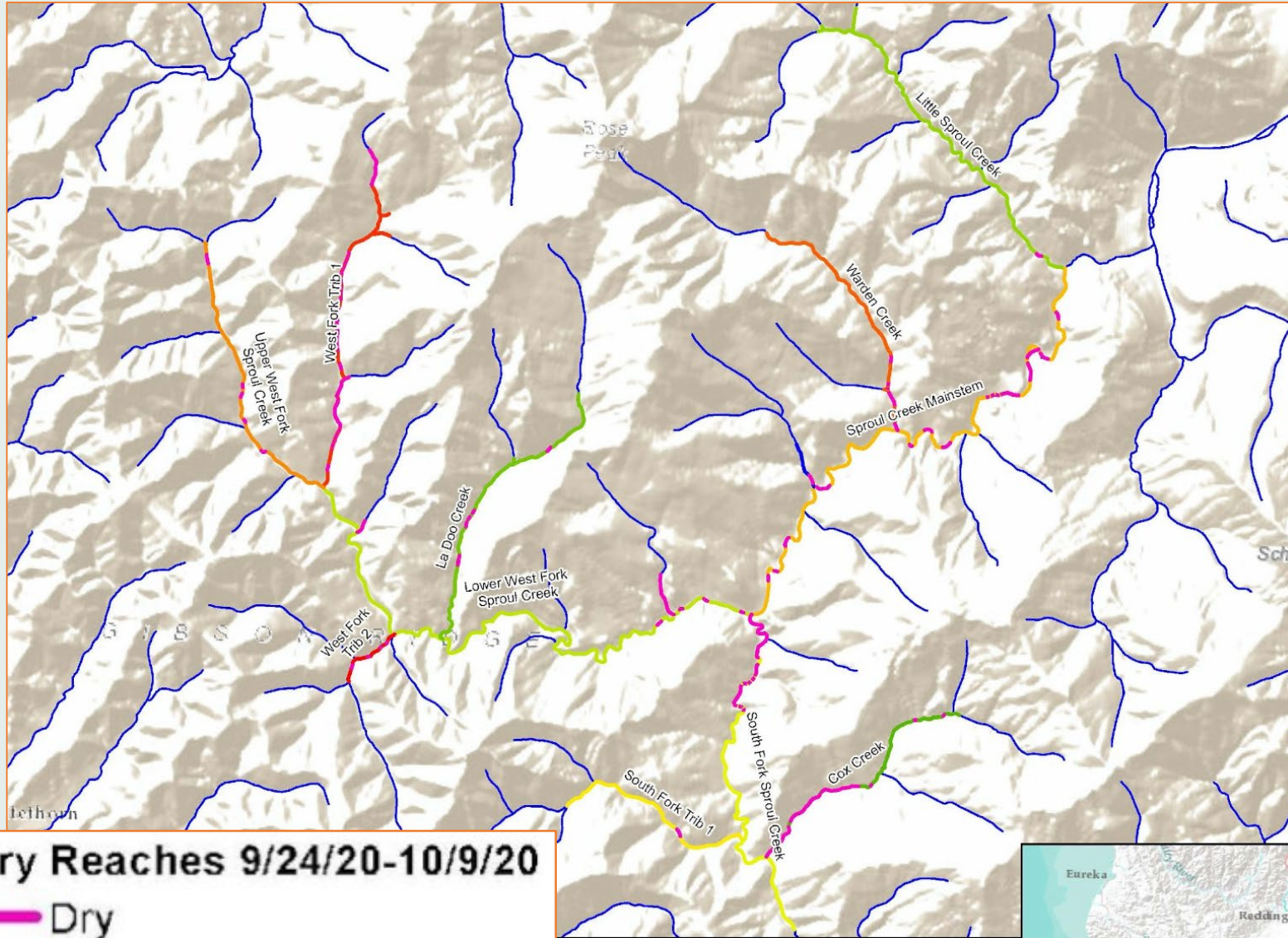


Lower Mainstem Sproul

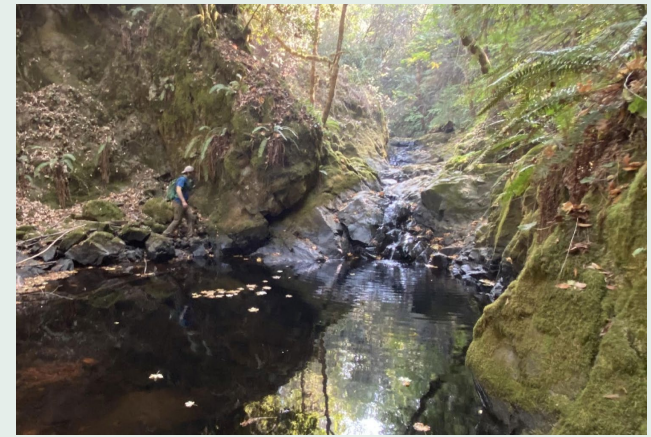




Sproul Creek Watershed Assessment



Dry Reaches 9/24/20-10/9/20
— Dry
- - - Intermittent



Upper South Fork Sproul Creek

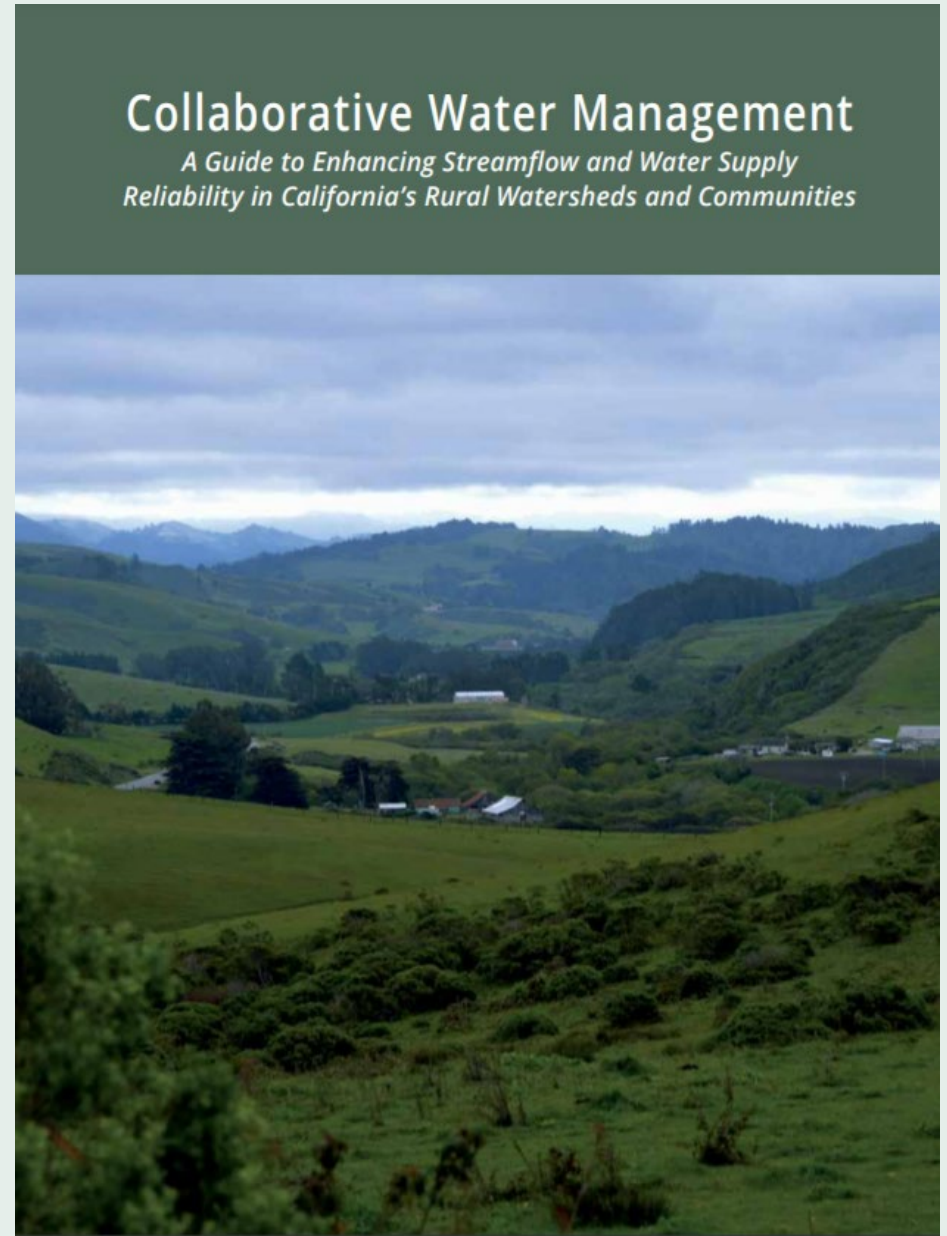


Sproul Creek South Fork Eel Resources

<https://www.calsalmon.org/programs/sproul-creek-low-flow-monitoring>

https://www.calsalmon.org/sites/default/files/files/Sproul_Creek_2015-2018_Streamflow_Gaging_Data_Report.pdf

<https://www.calsalmon.org/resources/collaborative-water-management>



Special Thanks

