Open Data Platform

CALIFORNIA NATURAL RESOURCES AGENCY

The Approach

- Promote an Agency-wide "Open Data Culture"
- Support the growth of Communities of Practice and their Use Cases
- Provide an Open Data Platform which is:
  - Useful
  - Useable, and
  - Used

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Key Architecture Principles

- One-Size Does Not Fit All
- Accessible and Interface Friendly
- Federated
- Utilize Industry Open Data Standards
- Leverage Open Source Technologies
- Support Entire Data Value Chain

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Support the Data Value Chain

- Data Curation
- Data Discovery
- Data Interoperability
- Data Visualization

ODP Solution Capabilities

- Built on CKAN Open-Source Platform For Curation and Search
- Customization for Departmental Branding
- Large Dataset Support
- Flexible Data Type Support Including: Spatial, Time-series, Tabular, Documents and Reports, Images, and Maps

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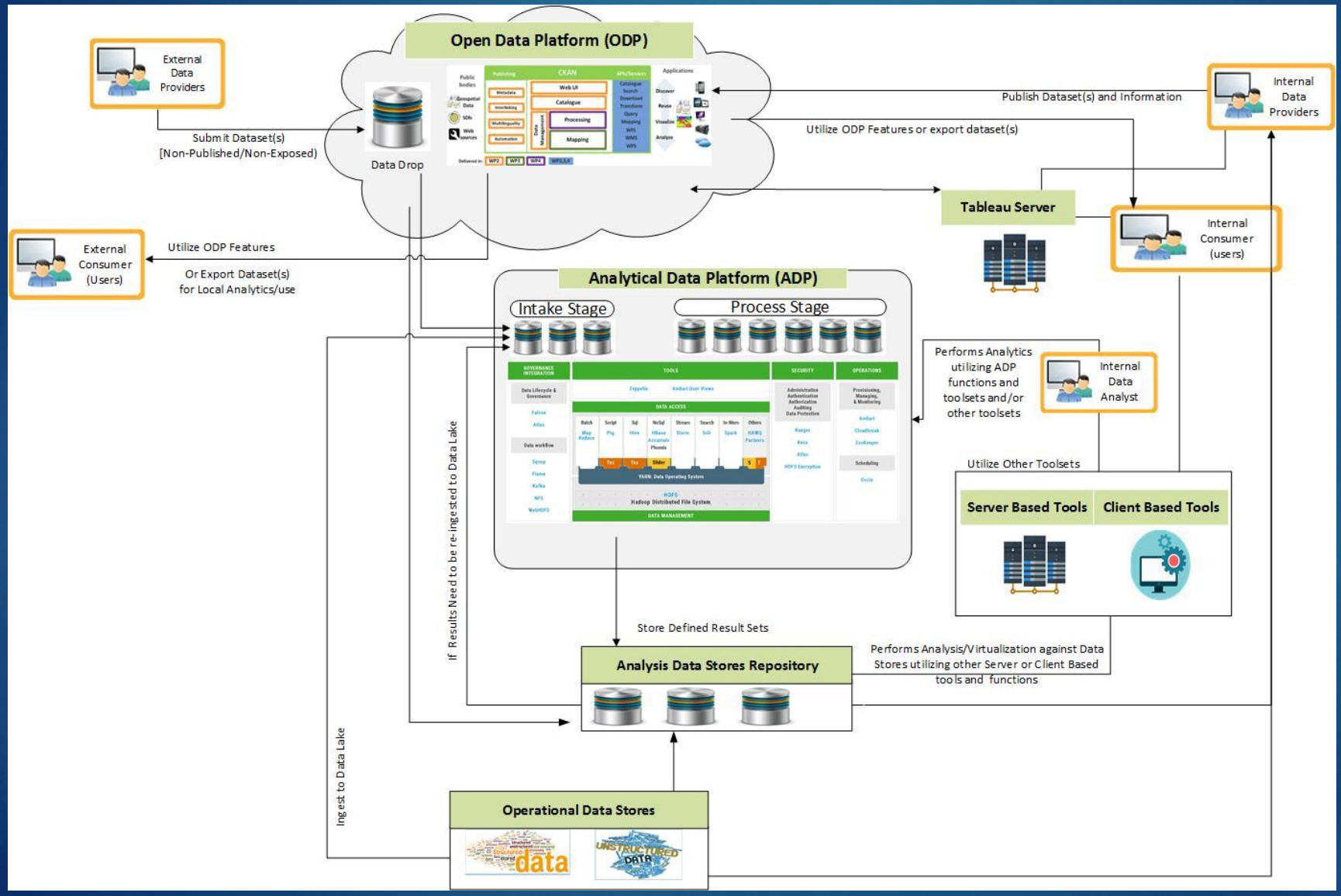
ODP Solution Capabilities

- Strong API Services to Support Extreme Workflow Modularity
- Federation Capabilities
- Rich Search Options
- Rich Metadata Support
- Data Dictionary Support
- Role Based Security

CNRA Data Services Eco-System



Open Data and Analytics Data Platform Future State

Favorite Advanced Features

- Datastore and Tabular Data Filtering
- Advanced Search
- GeoTagger
- Application Programing Interface (APIs)

New Features

- Package search API supports spatial queries
- Metadata download button

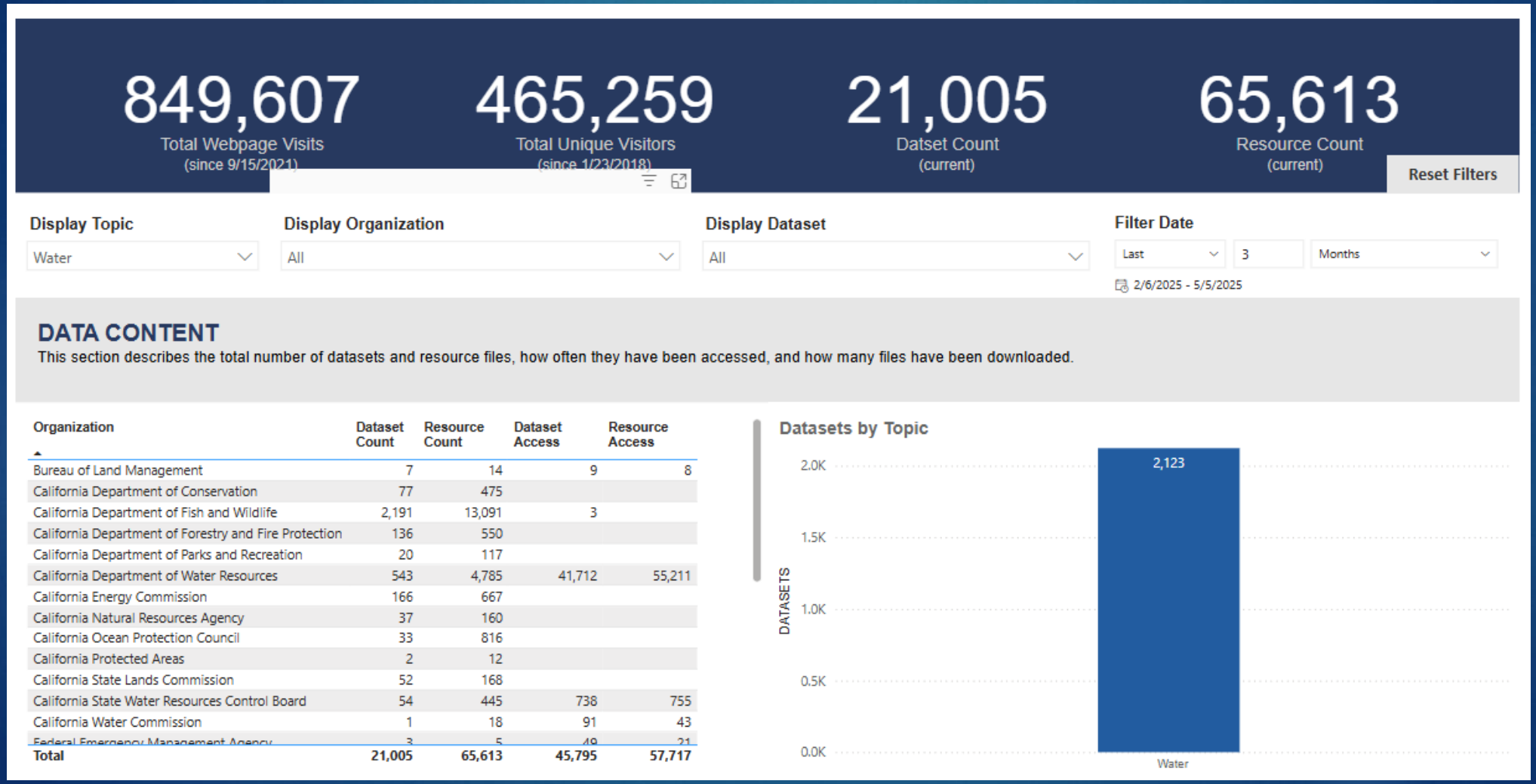
Coming Soon

- Federal Harvest Enhancements
- “Download All” Button to Package and Download Dataset In One File

Coming Later

- Single Dataset Stewardship
- Additional In-Ap Visualization Options
- Harvest system replacement

Content Metrics



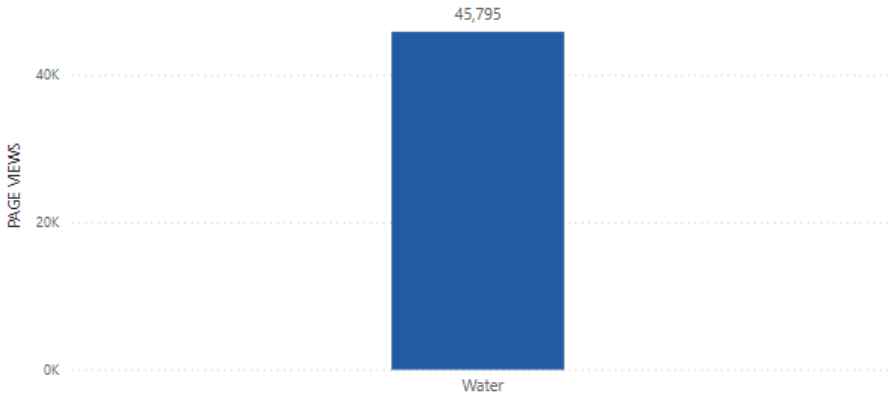
Organization	Dataset Count	Resource Count	Dataset Access	Resource Access
Bureau of Land Management	7	14	9	8
California Department of Conservation	77	475		
California Department of Fish and Wildlife	2,191	13,091	3	
California Department of Forestry and Fire Protection	136	550		
California Department of Parks and Recreation	20	117		
California Department of Water Resources	543	4,785	41,712	55,211
California Energy Commission	166	667		
California Natural Resources Agency	37	160		
California Ocean Protection Council	33	816		
California Protected Areas	2	12		
California State Lands Commission	52	168		
California State Water Resources Control Board	54	445	738	755
California Water Commission	1	18	91	43
Federal Emergency Management Agency	3	5	49	21
Total	**21,005**	**65,613**	**45,795**	**57,717**

Usage Metrics

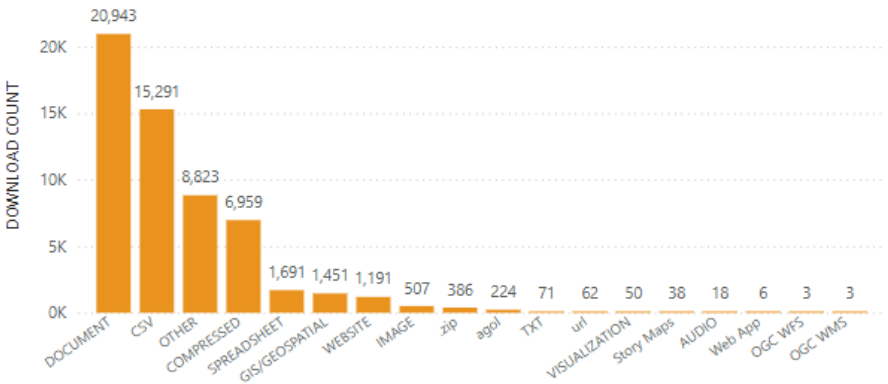
DATA USAGE

This section describes the total number of page views by topic, the total number of page views by dataset, the number of downloads by resource file type, and the number of data interactions by resource file (downloads, API calls, embedded table views, filtered table views).

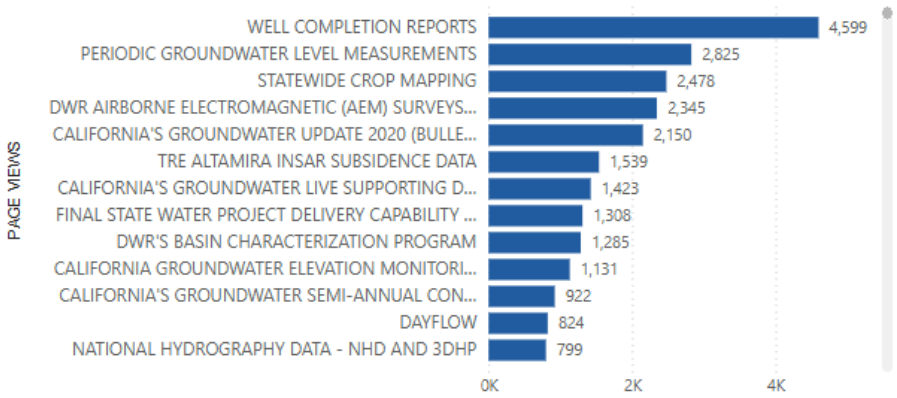
Pageviews by Topic



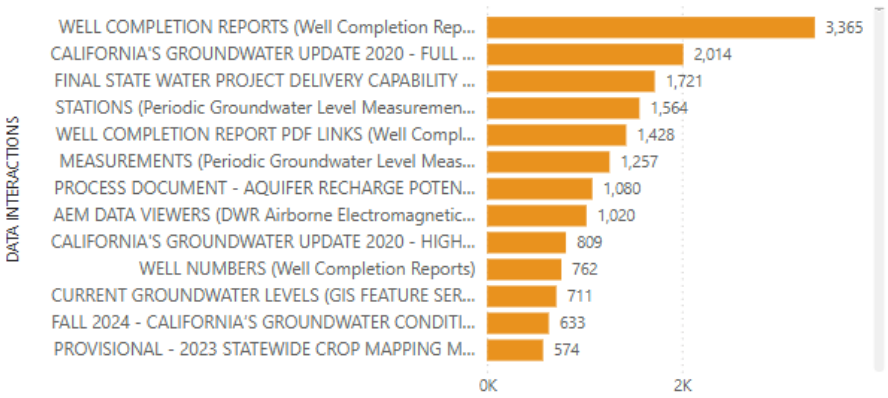
Downloads by Resource FileType



Pageviews by Dataset



Data Interactions by Resource File



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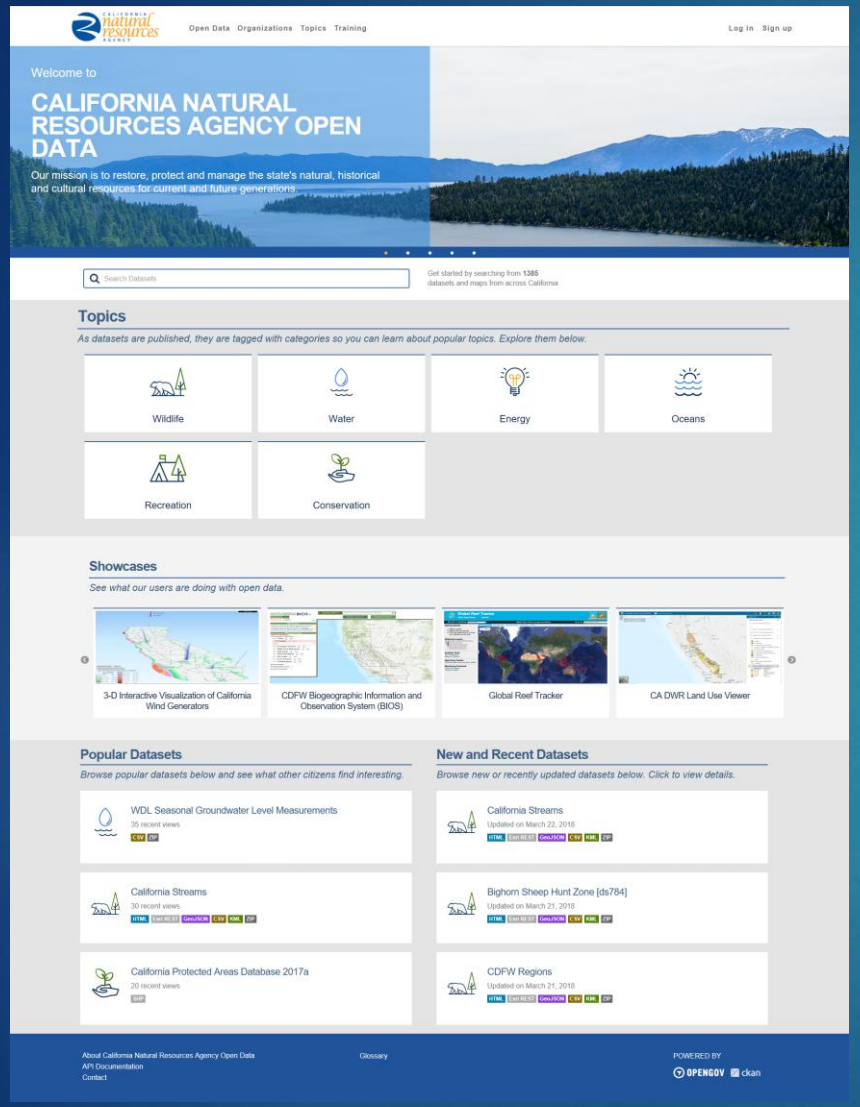

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Open Data

DATA.CNRA.CA.GOV

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Define a Bounding Box

SW 38.3181 -120.4980
NE 38.6410 -119.7577

Use this tool to specify the coverage area of your data.

Uploading GeoJSON? Then no need to use this. We will get the extent automatically.

Add Custom Boxes or Points

Box Point

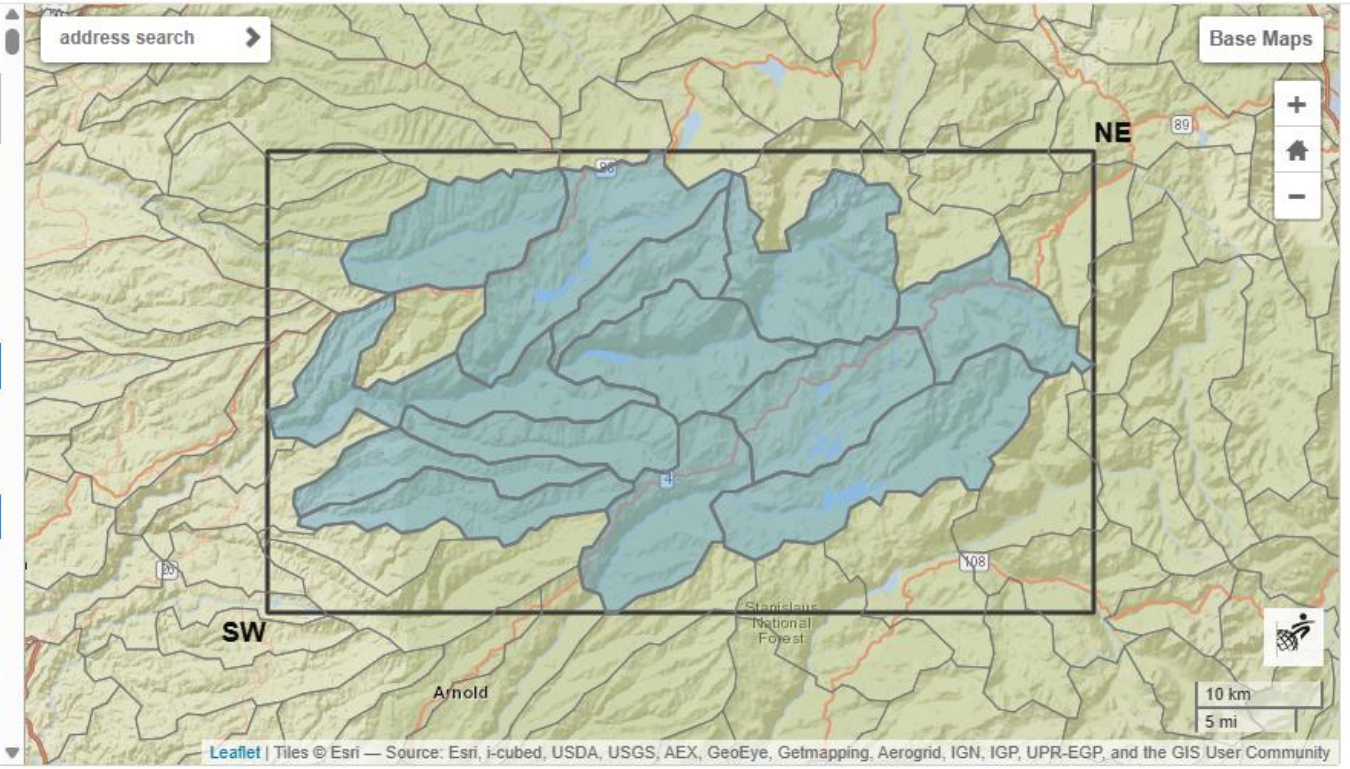
Add Named Places

Watershed (HU(Stop Selecting

type to search

150301010203
150301010214
150301010403
150301010503

Copy to Place Keywords



Spatial Coverage:

{"type":"FeatureCollection","crs":{"type":"name","propertie

Place Keywords:

× 180400100303 Middle North Fork Stanislaus River × 180400100302 Highland Creek
× 180400120102 Pacific Creek-North Fork Mokelumne River × 180400100301 Upper North Fork Stanislaus River
× 180400120104 Meadow Creek-North Fork Mokelumne River × 180400130401 Cat Creek-Middle Fork Cosumnes River
× 180400120106 Salt Springs Reservoir-North Fork Mokelumne River × 180400120105 Cole Creek × 180400120401 Bear River
× 180400120404 Tiger Creek-North Fork Mokelumne River × 180400120402 Blue Creek × 180400120301 Forest Creek
× 180400120302 Upper Middle Fork Mokelumne River

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