

Project Title

SJRIP San Juan and Animas Rivers Temperature Gages

Bureau of Reclamation Agreement Number:

None

Reclamation Agreement Term

This work is done through a cooperative agreement with USGS

Note: Recovery Program FY23 scopes of work are drafted in May 2022. They often are revised before final Program approval and may subsequently be revised again in response to changing Program needs. Program participants also recognize the need and allow for some flexibility in scopes of work to accommodate new information and changing hydrological conditions.

Lead Agency:

Bureau of Reclamation

Principal Investigator:

Mark McKinstry, Ph.D.
Bureau of Reclamation
125 South State Street, Room 8100
Salt Lake City, UT 84138-1147
Phone 801-524-3835
FAX 801-524-5499
mmckinstry@usbr.gov

Category:

- Ongoing project
- Ongoing-revised project
- Requested new project
- Unsolicited proposal

Expected Funding Source:

- Annual funds
- Capital funds
- Other *[explain]*

Relationship to LRP:

Define relationship to LRP.

Study Background/Rationale and Hypotheses:

Temperature information is required at several gauges in the San Juan and Animas rivers at the following locations:

- 09355500 - San Juan River near Archuleta, NM - Real time on web
- 09365000 - San Juan River at Farmington, NM - Real time on web
- 09364500 - Animas River at Farmington, NM - Stand alone temperature probe until we can get access to install a wired probe.

09381010 - San Juan River at Four Corners, CO - Real time on web (after we configure our database on Monday).

Study Goals, Objectives, End Product(s):

River Temperature Gauges

The USGS has installed and maintains 4 temperature probes in the San Juan basin per our agreement. Probes were installed at:

- 09355500 - San Juan River near Archuleta, NM - Real time on web
 - 09365000 - San Juan River at Farmington, NM - Real time on web
 - 09364500 - Animas River at Farmington, NM - Stand alone temperature probe
 - 09381010 - San Juan River at Four Corners, CO - Real time on web
- Data will be displayed real time via the USGS NWISweb.

The probes are maintained by USGS with the following contact:

Jay Cederberg
Albuquerque Field Office Chief
USGS, New Mexico Water Science Center
5338 Montgomery Blvd., NE, Suite 400
Albuquerque, NM 87109
505.830.7924 | fax: 505.830.7986
cederber@usgs.gov
web: <http://nm.water.usgs.gov>

Study Area:

None

Study Methods/Approach:

USGS will maintain these temperature gages with funding from the SJRIP

Task Description, Deliverables and Schedule:

Operate and maintain water temperature probes at four different locations in the San Juan River Basin

Budget Summary:

FY Year	BOR
2023	\$25,000
2024	
2025	
2026	
Total	\$25,000

Reviewers:

References: