

**SJRIP San Juan and Animas Rivers Temperature Gauges
2021 Project Proposal**

Mark McKinstry, Ph.D. UC-735
Bureau of Reclamation
125 South State Street, Room 8100
Salt Lake City, UT 84138-1147
Phone 801-524-3835
FAX 801-524-5499
mmckinstry@uc.usbr.gov

BACKGROUND:

Temperature information is required at several gauges in the San Juan River 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).

METHODS:

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 until we can get access to install a wired 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>

TASKS – 2021

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

FY 2021 BUDGET

Task	Expenditure in FY2021
Temperature probes @ \$5500/ea	\$24,000
Total	\$24,000

¹ **This total budget represents a 0% increase over the FY2020 Budget.**

Projected funding:
FY-2022 \$24,500.00