




## Registration Open

# Tribal Youth Science Workshop: Water

- Who: Mature and interested 9<sup>th</sup> to 12<sup>th</sup> grade students
- What: 3-night, 2-day course to discuss our most fundamental natural resource – water. Instruction indoors and in the field. Both scientific and cultural perspectives presented. Evening programs.
- Where: College of the Siskiyous, Weed, CA
- When: 8-11 July 2014
- Cost: Free - transportation, lodging and meals provided
- Taught by professionals from the U.S. Geological Survey, the U.S. Forest Service, College of the Siskiyous, and Tribal mentors.
- Register today! Registration open until 14 June 2014 (See attached form) –  
Space is limited to first 20 students

# Tribal Youth Science Workshop – classroom

**Daily Streamflow Conditions**  
Select a site to retrieve data and station information.  
Tuesday, July 30, 2013 12:07:17



USGS

The colored dots on this map depict streamflow conditions at a

**Statewide Streamflow Current Conditions Table**

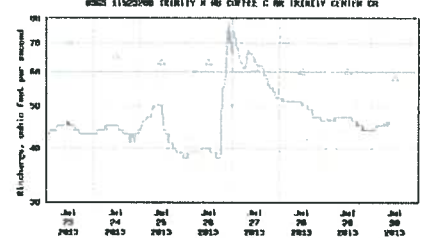
Real-time data typically are recorded at 15- to 60-minute intervals, stored onsite, and then transmitted to USGS offices every 1 to 4 hours, depending on the data relay technique used. Recording and transmission times may be more frequent during critical events. Data from real-time sites are relayed to USGS offices via satellite, telephone, and/or radio and are available for viewing within minutes of arrival.

All current conditions data are provisional and subject to revision.

Build Current Conditions Table	Show a custom current conditions summary table for one or more stations.
Build Time Series	Show custom graphs or tables for a series of recent data for one or more stations.

- Learn about the water cycle, watersheds, and factors that affect water quality
- Find data on Internet about local water and climate conditions
- Learn to interpret time-series data
- How to use field equipment
- Learn skillsets important for employment in numerous professions
- Compare field data with internet data

USGS Current Conditions for USGS 11523200 TRINITY R AB COFFEE C NR TRINIT... Page 2 of 4



GO

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Discharge, cubic feet per second

Jul 25 2012 Jul 04 2013 Jul 26 2013 Jul 27 2013 Jul 29 2013 Jul 30 2013

--- Provisional Data Subject to Revision ---

— Median Daily discharge (65 years) — Discharge

Create [a custom graph](#) / [share this graph](#). Subscribe to [RSS feed](#) [print page](#)

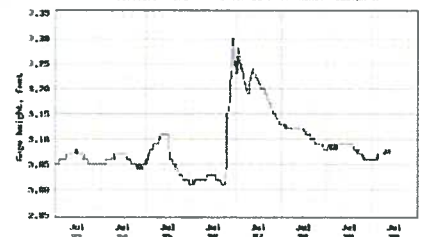
Share this graph |

Daily discharge, cubic feet per second -- statistics for Jul 30 based on 53 years of record

Min (1977)	Most Recent Instantaneous Value Jul 30	25th percentile	Median	Mean	75th percentile	Max (1983)
21	46	47	58	76	86	407

Gage height, feet

Most recent instantaneous value: 3.08 07-30-2013 09:30 PDT



GO

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Gage height, feet

Jul 25 2012 Jul 04 2013 Jul 26 2013 Jul 27 2013 Jul 29 2013 Jul 30 2013

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http://waterdata.usgs.gov/nwis/uv?site\_no=11523200

7/30/2013

Add up to 2 more sites and replot for "Gage height, feet"

Add site numbers

# Tribal Youth Science Workshop – Field



- Learn sampling techniques
- Importance of data records
- Different water systems: from springs to rivers to wetlands to lakes
- Skillsets useful for future employment
- Time for reflection, cultural thoughts, art
- Safety considerations (\*note, we will not be standing in water as shown in these photos)

# Registration Form

- Name: \_\_\_\_\_
  - Age: \_\_\_\_\_
  - Contact Information: (who and number to call in an emergency)
- 
- 

- Consent (signature of parent of guardian):
- 
- 

- Tribe: \_\_\_\_\_
  - Where to send confirmation regarding course (school, home, council)
- 
- 
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Please send registration forms to Cynthia Gardner, USGS, 1300 SE Cardinal Ct,  
Vancouver, WA 98683 or e-mail: [cgardner@usgs.gov](mailto:cgardner@usgs.gov)

If you have any questions, please e-mail or call 360-993-8914