National Park Service - Sierra Nevada Network

FIELD VISIT FORM

DATE 8/8/19 **PDT TIME** 8:49 PDT **LOCAL TIME** 8:47 PDT OR PST?

WQ Msmt _____ **PDT** **Flow Msmt** _____ **PDT**

PARK YOSE **STATION** Lyell abv Twin Bridges

PERSONNEL RH, DR, MW, KN

WEATHER: (circle one descriptor from each category) **Days since last significant rainfall if known:** _____

Cold / Cool / Warm / Hot	Rain / Mist / Sleet / Humid / Dry	Windy/ Gusty/ Breeze/ Calm	Cloudy / Pt.Cloudy / Overcast / Clear

FLOW SEVERITY (circle one): Dry / Low / Normal / Above Normal / Flood / No Flow / Interstitial

Water Level (Stage) Readings: At a minimum, record the start and stop readings (PDT 24 Hr)

Circle one: Rising / Falling / Steady / Peak **G.H. CHANGES** _____ ft. in _____ minutes.

Time	Benchmark or staff plate (note if tape-down)	Bed level at staff-plate	Time	Benchmark or staff plate (note if tape-down)
8:57 AM	TD = 10 - 0.15 = 9.85 ft off arrow still ing tube top	←	9:46 AM	TD = 10 - 0.16 = 9.84 ft * Same as ~~left~~ above
9:27 AM	TD = 10 - 0.15 = 9.85 ft Same as above		10:00 AM	TD = 10 - 0.16 = 9.84 ft Same above

HIGH WATER MARK: _____ Natural rock wall

CONTROL DESCRIPTION: Control type (natural riffle, channel, channel constriction, weir); Conditions (clear, affected by moss, leaves, etc)

Control location: ~300 ft d/s of gage; Depth @ control pt: Not taken ft

Point of zero flow (= water level at staff plate - depth @ control pt.): _____ ft. **GAGE POOL**

DESCRIPTION: Flow / Pool / Dry

Campbell logger stage reading prior to and following the discharge msmt _____ / _____ ft. Swapped levelogger

Downloaded Campbell logger? Yes / No (name file with download date)

MEASUREMENT TYPE (circle one) Wading Salt Dilution Other ADCP

Susp. Weight (for bridge msmts): _____

LOCATION: 10 ft. Upstr / Dnstr. (of gage)

METER TYPE — **S/N** — **SPIN/CALIB** Before Meas. — After —

Width — ft **# of Sections** — **Method (0.6 or 0.2 / 0.8, estimated)**

FLOW DESCRIPTION: Steady or varied; uniform or non-uniform; laminar or turbulent; suspended material? (leaves or algae in water) None

CROSS SECTION / SUBSTRATE: Uniform/non-uniform; smooth/moderately rough/rough/very rough;
Channel bed material (mud/sand/cobbles/pebbles/boulders)

MEAN GAGE HEIGHT _____ (mean of the heights from the start through the end of the discharge msmt)

DISCHARGE 93.067 cfs

QA/QC: Is measurement part of precision assessment: Y or N

OBSERVATIONS/COMMENTS/NOTES: Survey completed (see pg 3)

Parameter	Measurement	Units	Method	Equip S/N	Notes
Air Temperature		°C			
H_2O Temperature	10.5	°C	Solinst data		

PHOTOS TAKEN? Yes / No **HOW MANY?** _____

ID	Location (UTM or pt. #)	Description (include orientation)

ADCP transducer depth = 0.14 ft