

## National Park Service - Sierra Nevada Network

## FIELD VISIT FORM

DATE 7/15/19 PDT TIME 2:03 PDT LOCAL TIME 2:03 ☒ PDT OR PST?WQ Msmt \_\_\_\_\_ PDT Flow Msmt 2:15 PDTPARK YOSE STATION Dana Fork @ Bug CampPERSONNEL RH, MW, BMA

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
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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)
2:15 PDT	10 -1.06ft * = 8.94ft	Staff plate gone, ID bolt		
3:00 PDT	10 -1.06ft * = 8.94ft *	11 "		

HIGH WATER MARK: \_\_\_\_\_

CONTROL DESCRIPTION: Control type natural riffle channel, channel constriction, weir; Conditions clear, affected by moss, leaves, etc)Control location: ~100 ft d/s of gage; Depth @ control pt: \_\_\_\_\_ ft

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

DESCRIPTION: Flow Pool / DryCampbell logger stage reading prior to and following the discharge msmt N/A ft.Downloaded Campbell logger? Yes / No (name file with download date)MEASUREMENT TYPE (circle one) Wading Salt Dilution Other ADCPSusp. Weight (for bridge msmts): N/ALOCATION: 0 ft. Upstr / Dnstr. (of gage) @ gageMETER TYPE RDI boat 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)

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

MEAN GAGE HEIGHT 8.94ft (mean of the heights from the start through the end of the discharge msmt)

DISCHARGE 112.00 cfs

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

OBSERVATIONS/COMMENTS/NOTES: See below

Parameter	Measurement	Units	Method	Equip S/N	Notes
Air Temperature		°C			
H <sub>2</sub> O Temperature	<u>11.5</u>	°C			<u>hand held thermometer</u>

PHOTOS TAKEN? Yes / No

HOW MANY? \_\_\_\_\_

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

Notes:

- \* Staff plate needs to be replaced.  
Used TD bolt as backup. Assumed  
center x ~~is~~ is 10ft. Need to check post-process.
- \* from top of 2x4 where staff plate  
was, stage = -2.14 ft @ 2:15 pm  
= -2.14 ft @ 3:00 pm

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