

FIELD VISIT FORM

DATE 6/18/20 PDT TIME 1:56 PDT LOCAL TIME _____ (PDT OR PST?)

WQ Msmt _____ PDT Flow Msmt _____ PDT

PARK YOSE STATION Budd Creek abv. CulvertPERSONNEL R. Hallinan, A. Hoessle

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 / Breezy / 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)
<u>14:00</u> <u>PDT</u>	<u>10-2.26 =</u> <u>7.74 ft</u>			
<u>15:27</u> <u>PDT</u>	<u>10-2.26 =</u> <u>7.74 ft</u>			

HIGH WATER MARK: _____

CONTROL DESCRIPTION: Control type natural riffle, channel, channel constriction, weir; Conditions clear, affected by moss, leaves, etc)Control location: 30 ft d/s of gage; Depth @ control pt: 0.55 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.

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

MEASUREMENT TYPE (circle one) Wading Salt Dilution Other _____

Susp. Weight (for bridge msmts): _____

LOCATION: 10 ft. Upstr / Dnsr. (of gage)METER TYPE FlowTracker S/N FT2H201906 SPIN/CALIB Before
Meas. _____ After _____Width 10.3 ft # of Sections 10 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/very rough;
Channel bed material (mud/sand/cobbles/pebbles/boulders)

Bedrock

MEAN GAGE HEIGHT 7.74 ft (mean of the heights from the start through the end of the discharge measurement)

DISCHARGE 4.68 cfs

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

OBSERVATIONS/COMMENTS/NOTES:

Parameter	Measurement	Units	Method	Equip SN	Notes
Air Temperature		°C			
H ₂ O Temperature	<u>50.1</u>	°C	<u>ADV</u>		

PHOTOS TAKEN? Yes / No HOW MANY? _____

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

End Discharge Data Table: (ADV)

$Q = 4.68 \text{ cfs}$

width = 10.3 ft

Mean depth = 0.661 ft

Area = 6.81 ft²

Mean SNR = 28 dB

Temp = 50.1 °F

Vel Mean = 0.6872 ft/s

Vel Min = 0 ft/s

Vel Max = 1.111 ft/s

$\sigma V = 0.0167 \text{ ft/s}$

G Height Start = 7.74 ft

G Height End = 7.74 ft

Uncertainty = 6.13%

Largest Uncert = 5%

Lat = 37° 52' 23.61" N

Long = 119° 22' 54.08" W