

Lower Yuba River Control Points and Benchmarks

Lower Yuba River

Horiz. Datum = NAD83(2007), Epoch: 2009.00

Vertical Datum = NAVD88, 2002 Height Moderization adjustment.

Coordinate System = Calif. Lambert Conformal Projection

Zone = NAD83, Zone 2

Linear Unit = U.S. Survey Foot

PT ID	SPC Z 2 NAD 83		ft NAVD
	Easting	Northing	Elevation
NGS Benchmarks			
<i>(From NGS website)</i>			
K_1435	6674279.23	2173621.05	61.82086624
HPGN_D_CA_03_GH	6681054.96	2172515.13	62.76246729
M_743	6684585.94	2161517.45	61.63
GPS Static Survey (> 4 hr)			
<i>(Corrected using OPUS website)</i>			
CPRUSTY1	6675744.34	2172992.66	44.24
17novconf	6675744.02	2172968.03	38.24
cp at confluence	6675743.99	2172968.15	37.87
CP_Confluence	6675077.777	2173314.672	61.57
CP1RV	6743222.807	2205863.249	193.37
CP1AUG20	6729500.149	2209944.477	186.81
CP2	6735569.998	2206803.182	167.45
CP3	6726833.307	2206238.802	137.99
CP1RV25AUG	6729500.161	2209944.487	186.83
CP DUCK	6719078.251	2202866.468	130.95
CPCONFLUENCE	6675077.777	2173314.672	61.57
17-Sep	6687340.27	2183437.053	47.13
18-Sep	6681344.427	2179589.064	62.72
CP1MAR4	6714207.129	2199627.314	135.3
CP1MAR5	6694259.584	2188872.08	87.45
CP1.16SEP08	6704537.091	2194691.747	83.84
CP1 15MAY	6693301.87	2187513.911	63.64
CP1 20MAY	6694255.213	2188876.127	87.47
CP1	6743231.763	2205864.248	194.07
Observed Control Points			
<i>(RTK-GPS 180 epoch occupation)</i>			
CP_HW	6701684.303	2192808.417	80.589
YU-14	6719008.634	2202686.053	144.473
K_1435	6674279.436	2173620.94	61.47
HPGN_D_CA_03_GH	6681055.093	2172514.985	62.553
M_743	6684586.058	2161517.399	61.133