

HEC-RAS Plan: Plan 29 River: PINO ARROYO Reach: PINO ARROYO Profile: PF 1

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
PINO ARROYO	2400	PF 1	3061.00	6030.92	6032.75	6033.39	6034.90	0.043027	11.74	260.75	264.76	1.87
PINO ARROYO	2350	PF 1	3061.00	6028.76	6031.68	6031.99	6032.83	0.029653	8.62	354.99	347.70	1.50
PINO ARROYO	2300	PF 1	3061.00	6025.79	6029.14	6029.79	6031.44	0.022353	12.16	251.64	174.18	1.47
PINO ARROYO	2250	PF 1	3061.00	6022.35	6025.22	6026.65	6029.68	0.045362	16.95	180.63	88.30	2.09
PINO ARROYO	2200	PF 1	3061.00	6020.17	6026.85	6024.31	6027.28	0.001718	5.30	577.52	133.30	0.45
PINO ARROYO	2183.63	PF 1	3061.00	6019.59	6026.03		6027.08	0.001021	8.23	371.93	62.64	0.60
PINO ARROYO	2183.05	PF 1	3061.00	6019.57	6025.62	6024.46	6026.98	0.002817	9.36	327.15	58.81	0.70
PINO ARROYO	2162	PF 1	3061.00	6019.18	6024.19	6024.19	6026.59	0.006015	12.43	246.31	50.42	0.99
PINO ARROYO	1980	PF 1	3061.00	6013.03	6015.86	6017.93	6023.10	0.027753	21.58	141.84	50.57	2.27
PINO ARROYO	1960.84	PF 1	3061.00	6011.85	6014.74	6016.74	6022.47	0.032764	22.30	137.25	58.54	2.57
PINO ARROYO	1960.26	PF 1	3061.00	6011.82	6014.52	6016.54	6022.44	0.025964	22.57	135.62	62.98	2.71
PINO ARROYO	1942.35	PF 1	3061.00	6010.95	6013.87	6016.02	6021.99	0.022270	22.86	133.91	53.56	2.55
PINO ARROYO	1899.08	PF 1	3061.00	6008.26	6010.92	6013.37	6020.73	0.028280	25.13	121.81	51.39	2.88
PINO ARROYO	1887.96	PF 1	3061.00	6007.55	6010.22	6012.73	6020.38	0.028660	25.57	119.69	49.58	2.90
PINO ARROYO	1858.11	PF 1	3061.00	6005.69	6008.49	6011.19	6019.45	0.028751	26.55	115.27	44.73	2.92
PINO ARROYO	1854.79	PF 1	3061.00	6005.49	6008.31	6011.04	6019.34	0.028614	26.65	114.87	44.08	2.91
PINO ARROYO	1850	PF 1	3061.00	6005.20	6008.04	6010.80	6019.19	0.028427	26.79	114.25	43.13	2.90
PINO ARROYO	1828.98	PF 1	3178.00	6003.75	6007.01	6010.29	6018.58	0.025981	27.29	116.47	39.24	2.79
PINO ARROYO	1807.37	PF 1	3210.00	6002.29	6005.88	6008.74	6017.98	0.025245	27.90	115.05	36.07	2.75
PINO ARROYO	1770.07	PF 1	3210.00	5999.76	6003.06	6006.36	6016.78	0.031128	29.71	108.03	34.58	2.96
PINO ARROYO	1765.9	PF 1	3210.00	5999.48	6002.84	6006.22	6016.64	0.030226	29.80	107.72	32.86	2.90
PINO ARROYO	1763.38	PF 1	3210.00	5999.31	6002.77	6006.18	6016.56	0.029353	29.78	107.79	31.86	2.85
PINO ARROYO	1750	PF 1	3210.00	5998.42	6002.59	6006.16	6016.12	0.024661	29.51	108.76	26.43	2.57
PINO ARROYO	1729.49	PF 1	3210.00	5997.05	6003.59	6007.05	6015.13	0.016408	27.24	117.83	18.14	1.88
PINO ARROYO	1700	PF 1	3210.00	5995.07	6002.04	6005.78	6014.52	0.018002	28.35	113.24	16.37	1.90
PINO ARROYO	1629.49	PF 1	3210.00	5990.35	5999.27	6006.50	6013.03	0.020889	29.75	107.89	12.18	1.76
PINO ARROYO	1550	PF 1	3210.00	5985.00	5992.85	6001.15	6010.68	0.029124	33.87	94.76	12.16	2.14
PINO ARROYO	1500	PF 1	3210.00	5983.97	5992.00	6000.12	6009.01	0.027405	33.08	97.03	12.16	2.06
PINO ARROYO	1481.63	PF 1	3210.00	5983.59	5991.68	5999.74	6008.44	0.026873	32.83	97.77	12.16	2.04
PINO ARROYO	1426.03	PF 1	3210.00	5982.42	5990.67	5998.57	6006.79	0.025568	32.20	99.68	12.17	1.98
PINO ARROYO	1370.42	PF 1	3210.00	5981.29	5989.69	5997.44	6005.22	0.024374	31.61	101.56	12.17	1.93
PINO ARROYO	1310.72	PF 1	3210.00	5980.06	5988.59	5996.21	6003.66	0.023453	31.14	103.10	12.17	1.89
PINO ARROYO	1251.03	PF 1	3210.00	5978.83	5987.47	5994.94	6002.17	0.022735	30.76	104.35	12.17	1.85
PINO ARROYO	1239.93	PF 1	3210.00	5978.60	5987.35	5995.88	6001.87	0.022486	30.56	105.03	12.01	1.82
PINO ARROYO	1238.93	PF 1	3210.00	5978.55	5988.76	5989.89	5996.15	0.002819	21.80	147.22	190.40	1.20
PINO ARROYO	1219.93	PF 1	3210.00	5977.60	5980.77	5983.65	5993.07	0.029481	28.13	114.10	70.29	3.09
PINO ARROYO	1218.93	PF 1	3210.00	5977.60	5980.83	5983.66	5992.96	0.029490	27.94	115.06	45.27	3.08
PINO ARROYO	1199.93	PF 1	3210.00	5975.30	5980.07	5983.48	5992.47	0.020335	28.24	113.67	29.69	2.54
PINO ARROYO	1168.85	PF 1	3210.00	5967.62	5971.09	5975.03	5990.33	0.046109	35.19	91.23	34.17	3.80