

| Bench | Back Sight | Instr | Fore Sight | Red | Inter Sight | Heights | Remarks |
|--------|------------|-------|------------|--------|-------------|---------|--|
| | | | 3.356 | 10.294 | | | |
| 2.844 | 13.138 | | 1.336 | 11.802 | | | Aug. 28-1874 |
| 1.440 | 13.242 | | 2.890 | 10.352 | | | |
| 5.995 | 16.347 | | 1.153 | | | | |
| 15.194 | | | | | 6.920 | 9.227 | Laming Elm 16. East bank north of Stories Bridge Surface of water just north of Stories Bridge |
| | | | | | | 10.352 | |
| 5.360 | 15.712 | | 5.619 | 10.093 | | | |
| 4.502 | 14.595 | | 3.572 | 11.023 | | | |
| 5.176 | 16.199 | | 3.570 | 12.629 | | | |
| 4.295 | 16.924 | | | | 5.380 | 11.544 | Surface of water 1 mile below Indian Ford. |
| | | | 1.642 | 15.282 | | | |
| 2.884 | 18.166 | | 3.781 | 14.385 | | | |
| 3.680 | 18.065 | | | | 5.683 | 12.382 | Surface of water below dam at Indian Ford. On stone East bank. |
| | | | 2.339 | 15.726 | | | |
| | | | 1.127 | 16.938 | | | " " west " |
| | | | | | 0.186 | 17.879 | Average top surface of East section of dam at Indian Ford. |
| | | | | | 1.495 | 16.570 | Top surface of chute of dam at Indian Ford. |
| | | | | | 0.528 | 17.527 | Average top surface of west section of dam at Indian Ford. |
| 7.545 | 24.483 | | | | 7.530 | 16.953 | Surface of water above dam at Indian Ford. |
| | | | 6.203 | 18.280 | | | |
| 3.812 | 22.092 | | 4.039 | 18.058 | | | Dam at Indian Ford. Stone abutment west end 45 feet long dry mubble wall. West section of dam proper 207 ft. long |
| 5.305 | 23.358 | | 5.355 | 18.003 | | | West abutment of chute 10 ft. long Chute 27 ft. long. |
| 5.674 | 23.677 | | 4.183 | 19.494 | | | East abutment of chute 21 1/2 ft. long |
| 3.881 | 23.375 | | | | | | East section of dam proper 50 ft. long. |
| | | | 4.000 | 19.375 | | | East abutment of dam 31 ft. |
| | | | | | | | Average elevation of East & West abutment of dammed chute taken 17495 |