



770.664.6513 (V) 770.664.6565 (F)

## Discharge Table For 4" W x 36" L Cutthroat Flume

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| LEVEL |        | FLOW |      |       |
|-------|--------|------|------|-------|
| FEET  | INCHES | CFS  | GPM  | MGD   |
| 0.01  | 0.12   |      |      |       |
| 0.02  | 0.24   |      |      |       |
| 0.03  | 0.36   |      |      |       |
| 0.04  | 0.48   |      |      |       |
| 0.05  | 0.60   |      |      |       |
| 0.06  | 0.72   |      |      |       |
| 0.07  | 0.84   |      |      |       |
| 0.08  | 0.96   |      |      |       |
| 0.09  | 1.08   |      |      |       |
| 0.10  | 1.20   | 0.02 | 9.5  | 0.014 |
| 0.11  | 1.32   | 0.03 | 11.3 | 0.016 |
| 0.12  | 1.44   | 0.03 | 13.2 | 0.019 |
| 0.13  | 1.56   | 0.03 | 15.3 | 0.022 |
| 0.14  | 1.68   | 0.04 | 17.6 | 0.025 |
| 0.15  | 1.80   | 0.04 | 20.0 | 0.029 |
| 0.16  | 1.92   | 0.05 | 22.5 | 0.032 |
| 0.17  | 2.04   | 0.06 | 25.1 | 0.036 |
| 0.18  | 2.16   | 0.06 | 27.9 | 0.040 |
| 0.19  | 2.28   | 0.07 | 30.8 | 0.044 |
| 0.20  | 2.40   | 0.08 | 33.9 | 0.049 |
| 0.21  | 2.52   | 0.08 | 37.1 | 0.053 |
| 0.22  | 2.64   | 0.09 | 40.4 | 0.058 |
| 0.23  | 2.76   | 0.10 | 43.8 | 0.063 |
| 0.24  | 2.88   | 0.11 | 47.4 | 0.068 |
| 0.25  | 3.00   | 0.11 | 51.1 | 0.074 |
| 0.26  | 3.12   | 0.12 | 54.9 | 0.079 |
| 0.27  | 3.24   | 0.13 | 58.9 | 0.085 |
| 0.28  | 3.36   | 0.14 | 62.9 | 0.091 |
| 0.29  | 3.48   | 0.15 | 67.1 | 0.097 |
| 0.30  | 3.60   | 0.16 | 71.5 | 0.103 |
| 0.31  | 3.72   | 0.17 | 75.9 | 0.109 |
| 0.32  | 3.84   | 0.18 | 80.5 | 0.116 |
| 0.33  | 3.96   | 0.19 | 85.1 | 0.123 |
| 0.34  | 4.08   | 0.20 | 90.0 | 0.130 |
| 0.35  | 4.20   | 0.21 | 94.9 | 0.137 |
| 0.36  | 4.32   | 0.22 | 100  | 0.144 |
| 0.37  | 4.44   | 0.23 | 105  | 0.151 |
| 0.38  | 4.56   | 0.25 | 110  | 0.159 |
| 0.39  | 4.68   | 0.26 | 116  | 0.167 |
| 0.40  | 4.80   | 0.27 | 121  | 0.175 |
| 0.41  | 4.92   | 0.28 | 127  | 0.183 |
| 0.42  | 5.04   | 0.30 | 133  | 0.191 |
| 0.43  | 5.16   | 0.31 | 139  | 0.200 |
| 0.44  | 5.28   | 0.32 | 145  | 0.208 |
| 0.45  | 5.40   | 0.34 | 151  | 0.217 |
| 0.46  | 5.52   | 0.35 | 157  | 0.226 |
| 0.47  | 5.64   | 0.36 | 163  | 0.235 |
| 0.48  | 5.76   | 0.38 | 170  | 0.244 |
| 0.49  | 5.88   | 0.39 | 176  | 0.254 |
| 0.50  | 6.00   | 0.41 | 183  | 0.263 |

| LEVEL |        | FLOW |     |       |
|-------|--------|------|-----|-------|
| FEET  | INCHES | CFS  | GPM | MGD   |
| 0.51  | 6.12   | 0.42 | 190 | 0.273 |
| 0.52  | 6.24   | 0.44 | 197 | 0.283 |
| 0.53  | 6.36   | 0.45 | 204 | 0.293 |
| 0.54  | 6.48   | 0.47 | 211 | 0.303 |
| 0.55  | 6.60   | 0.49 | 218 | 0.314 |
| 0.56  | 6.72   | 0.50 | 225 | 0.324 |
| 0.57  | 6.84   | 0.52 | 233 | 0.335 |
| 0.58  | 6.96   | 0.54 | 240 | 0.346 |
| 0.59  | 7.08   | 0.55 | 248 | 0.357 |
| 0.60  | 7.20   | 0.57 | 256 | 0.368 |
| 0.61  | 7.32   | 0.59 | 264 | 0.380 |
| 0.62  | 7.44   | 0.61 | 272 | 0.391 |
| 0.63  | 7.56   | 0.62 | 280 | 0.403 |
| 0.64  | 7.68   | 0.64 | 288 | 0.415 |
| 0.65  | 7.80   | 0.66 | 296 | 0.427 |
| 0.66  | 7.92   | 0.68 | 305 | 0.439 |
| 0.67  | 8.04   | 0.70 | 313 | 0.451 |
| 0.68  | 8.16   | 0.72 | 322 | 0.464 |
| 0.69  | 8.28   | 0.74 | 331 | 0.476 |
| 0.70  | 8.40   | 0.76 | 340 | 0.489 |
| 0.71  | 8.52   | 0.78 | 349 | 0.502 |
| 0.72  | 8.64   | 0.80 | 358 | 0.515 |
| 0.73  | 8.76   | 0.82 | 367 | 0.528 |
| 0.74  | 8.88   | 0.84 | 376 | 0.542 |
| 0.75  | 9.00   | 0.86 | 386 | 0.555 |
| 0.76  | 9.12   | 0.88 | 395 | 0.569 |
| 0.77  | 9.24   | 0.90 | 405 | 0.583 |
| 0.78  | 9.36   | 0.92 | 415 | 0.597 |
| 0.79  | 9.48   | 0.95 | 424 | 0.611 |
| 0.80  | 9.60   | 0.97 | 434 | 0.625 |
| 0.81  | 9.72   | 0.99 | 444 | 0.640 |
| 0.82  | 9.84   | 1.01 | 454 | 0.654 |
| 0.83  | 9.96   | 1.04 | 465 | 0.669 |
| 0.84  | 10.08  | 1.06 | 475 | 0.684 |
| 0.85  | 10.20  | 1.08 | 486 | 0.699 |
| 0.86  | 10.32  | 1.11 | 496 | 0.714 |
| 0.87  | 10.44  | 1.13 | 507 | 0.730 |
| 0.88  | 10.56  | 1.15 | 518 | 0.745 |
| 0.89  | 10.68  | 1.18 | 528 | 0.761 |
| 0.90  | 10.80  | 1.20 | 539 | 0.777 |
| 0.91  | 10.92  | 1.23 | 550 | 0.793 |
| 0.92  | 11.04  | 1.25 | 562 | 0.809 |
| 0.93  | 11.16  | 1.28 | 573 | 0.825 |
| 0.94  | 11.28  | 1.30 | 584 | 0.841 |
| 0.95  | 11.40  | 1.33 | 596 | 0.858 |
| 0.96  | 11.52  | 1.35 | 607 | 0.875 |
| 0.97  | 11.64  | 1.38 | 619 | 0.892 |
| 0.98  | 11.76  | 1.41 | 631 | 0.909 |
| 0.99  | 11.88  | 1.43 | 643 | 0.926 |
| 1.00  | 12.00  | 1.46 | 655 | 0.943 |