



770.664.6513 (V) 770.664.6565 (F)

Discharge Table for 96" Parshall 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 | | | |
| 0.11 | 1.32 | | | |
| 0.12 | 1.44 | | | |
| 0.13 | 1.56 | | | |
| 0.14 | 1.68 | | | |
| 0.15 | 1.80 | | | |
| 0.16 | 1.92 | | | |
| 0.17 | 2.04 | | | |
| 0.18 | 2.16 | | | |
| 0.19 | 2.28 | | | |
| 0.20 | 2.40 | | | |
| 0.21 | 2.52 | | | |
| 0.22 | 2.64 | | | |
| 0.23 | 2.76 | | | |
| 0.24 | 2.88 | | | |
| 0.25 | 3.00 | | | |
| 0.26 | 3.12 | | | |
| 0.27 | 3.24 | | | |
| 0.28 | 3.36 | | | |
| 0.29 | 3.48 | | | |
| 0.30 | 3.60 | 4.625 | 2076 | 2.989 |
| 0.31 | 3.72 | 4.875 | 2188 | 3.151 |
| 0.32 | 3.84 | 5.130 | 2303 | 3.316 |
| 0.33 | 3.96 | 5.390 | 2419 | 3.484 |
| 0.34 | 4.08 | 5.655 | 2538 | 3.655 |
| 0.35 | 4.20 | 5.925 | 2659 | 3.829 |
| 0.36 | 4.32 | 6.199 | 2782 | 4.006 |
| 0.37 | 4.44 | 6.478 | 2907 | 4.187 |
| 0.38 | 4.56 | 6.762 | 3035 | 4.370 |
| 0.39 | 4.68 | 7.050 | 3164 | 4.556 |
| 0.40 | 4.80 | 7.342 | 3295 | 4.745 |
| 0.41 | 4.92 | 7.640 | 3429 | 4.937 |
| 0.42 | 5.04 | 7.941 | 3564 | 5.132 |
| 0.43 | 5.16 | 8.247 | 3701 | 5.330 |
| 0.44 | 5.28 | 8.557 | 3841 | 5.531 |
| 0.45 | 5.40 | 8.872 | 3982 | 5.734 |
| 0.46 | 5.52 | 9.191 | 4125 | 5.940 |
| 0.47 | 5.64 | 9.514 | 4270 | 6.149 |
| 0.48 | 5.76 | 9.841 | 4417 | 6.360 |
| 0.49 | 5.88 | 10.17 | 4565 | 6.575 |
| 0.50 | 6.00 | 10.51 | 4716 | 6.791 |

| LEVEL | | FLOW | | |
|-------|--------|-------|-------|-------|
| FEET | INCHES | CFS | GPM | MGD |
| 0.51 | 6.12 | 10.85 | 4869 | 7.011 |
| 0.52 | 6.24 | 11.19 | 5023 | 7.233 |
| 0.53 | 6.36 | 11.54 | 5179 | 7.458 |
| 0.54 | 6.48 | 11.89 | 5337 | 7.685 |
| 0.55 | 6.60 | 12.25 | 5496 | 7.915 |
| 0.56 | 6.72 | 12.61 | 5658 | 8.148 |
| 0.57 | 6.84 | 12.97 | 5821 | 8.383 |
| 0.58 | 6.96 | 13.34 | 5986 | 8.620 |
| 0.59 | 7.08 | 13.71 | 6153 | 8.860 |
| 0.60 | 7.20 | 14.08 | 6321 | 9.103 |
| 0.61 | 7.32 | 14.46 | 6491 | 9.348 |
| 0.62 | 7.44 | 14.85 | 6663 | 9.595 |
| 0.63 | 7.56 | 15.23 | 6836 | 9.845 |
| 0.64 | 7.68 | 15.62 | 7012 | 10.10 |
| 0.65 | 7.80 | 16.02 | 7188 | 10.35 |
| 0.66 | 7.92 | 16.41 | 7367 | 10.61 |
| 0.67 | 8.04 | 16.82 | 7547 | 10.87 |
| 0.68 | 8.16 | 17.22 | 7729 | 11.13 |
| 0.69 | 8.28 | 17.63 | 7912 | 11.39 |
| 0.70 | 8.40 | 18.04 | 8097 | 11.66 |
| 0.71 | 8.52 | 18.46 | 8284 | 11.93 |
| 0.72 | 8.64 | 18.88 | 8472 | 12.20 |
| 0.73 | 8.76 | 19.30 | 8662 | 12.47 |
| 0.74 | 8.88 | 19.73 | 8854 | 12.75 |
| 0.75 | 9.00 | 20.16 | 9047 | 13.03 |
| 0.76 | 9.12 | 20.59 | 9241 | 13.31 |
| 0.77 | 9.24 | 21.03 | 9437 | 13.59 |
| 0.78 | 9.36 | 21.47 | 9635 | 13.87 |
| 0.79 | 9.48 | 21.91 | 9834 | 14.16 |
| 0.80 | 9.60 | 22.36 | 10035 | 14.45 |
| 0.81 | 9.72 | 22.81 | 10237 | 14.74 |
| 0.82 | 9.84 | 23.26 | 10441 | 15.04 |
| 0.83 | 9.96 | 23.72 | 10646 | 15.33 |
| 0.84 | 10.08 | 24.18 | 10853 | 15.63 |
| 0.85 | 10.20 | 24.65 | 11061 | 15.93 |
| 0.86 | 10.32 | 25.11 | 11271 | 16.23 |
| 0.87 | 10.44 | 25.58 | 11483 | 16.54 |
| 0.88 | 10.56 | 26.06 | 11695 | 16.84 |
| 0.89 | 10.68 | 26.54 | 11910 | 17.15 |
| 0.90 | 10.80 | 27.02 | 12125 | 17.46 |
| 0.91 | 10.92 | 27.50 | 12342 | 17.77 |
| 0.92 | 11.04 | 27.99 | 12561 | 18.09 |
| 0.93 | 11.16 | 28.48 | 12781 | 18.41 |
| 0.94 | 11.28 | 28.97 | 13003 | 18.72 |
| 0.95 | 11.40 | 29.47 | 13226 | 19.05 |
| 0.96 | 11.52 | 29.97 | 13450 | 19.37 |
| 0.97 | 11.64 | 30.47 | 13676 | 19.69 |
| 0.98 | 11.76 | 30.98 | 13903 | 20.02 |
| 0.99 | 11.88 | 31.49 | 14132 | 20.35 |
| 1.00 | 12.00 | 32.00 | 14362 | 20.68 |



770.664.6513 (V) 770.664.6906 (F)

Discharge Table for 96" Parshall Flume

| LEVEL | | FLOW | | |
|-------|--------|-------|-------|-------|
| FEET | INCHES | CFS | GPM | MGD |
| 1.01 | 12.12 | 32.52 | 14593 | 21.01 |
| 1.02 | 12.24 | 33.03 | 14826 | 21.35 |
| 1.03 | 12.36 | 33.56 | 15060 | 21.69 |
| 1.04 | 12.48 | 34.08 | 15296 | 22.03 |
| 1.05 | 12.60 | 34.61 | 15533 | 22.37 |
| 1.06 | 12.72 | 35.14 | 15771 | 22.71 |
| 1.07 | 12.84 | 35.67 | 16011 | 23.06 |
| 1.08 | 12.96 | 36.21 | 16252 | 23.40 |
| 1.09 | 13.08 | 36.75 | 16494 | 23.75 |
| 1.10 | 13.20 | 37.29 | 16738 | 24.10 |
| 1.11 | 13.32 | 37.84 | 16983 | 24.46 |
| 1.12 | 13.44 | 38.39 | 17230 | 24.81 |
| 1.13 | 13.56 | 38.94 | 17477 | 25.17 |
| 1.14 | 13.68 | 39.50 | 17727 | 25.53 |
| 1.15 | 13.80 | 40.06 | 17977 | 25.89 |
| 1.16 | 13.92 | 40.62 | 18229 | 26.25 |
| 1.17 | 14.04 | 41.18 | 18482 | 26.62 |
| 1.18 | 14.16 | 41.75 | 18736 | 26.98 |
| 1.19 | 14.28 | 42.32 | 18992 | 27.35 |
| 1.20 | 14.40 | 42.89 | 19249 | 27.72 |
| 1.21 | 14.52 | 43.47 | 19508 | 28.09 |
| 1.22 | 14.64 | 44.04 | 19767 | 28.47 |
| 1.23 | 14.76 | 44.63 | 20028 | 28.84 |
| 1.24 | 14.88 | 45.21 | 20290 | 29.22 |
| 1.25 | 15.00 | 45.80 | 20554 | 29.60 |
| 1.26 | 15.12 | 46.39 | 20819 | 29.98 |
| 1.27 | 15.24 | 46.98 | 21085 | 30.36 |
| 1.28 | 15.36 | 47.58 | 21352 | 30.75 |
| 1.29 | 15.48 | 48.17 | 21621 | 31.14 |
| 1.30 | 15.60 | 48.78 | 21891 | 31.52 |
| 1.31 | 15.72 | 49.38 | 22162 | 31.91 |
| 1.32 | 15.84 | 49.99 | 22434 | 32.31 |
| 1.33 | 15.96 | 50.60 | 22708 | 32.70 |
| 1.34 | 16.08 | 51.21 | 22983 | 33.10 |
| 1.35 | 16.20 | 51.82 | 23259 | 33.49 |
| 1.36 | 16.32 | 52.44 | 23536 | 33.89 |
| 1.37 | 16.44 | 53.06 | 23815 | 34.30 |
| 1.38 | 16.56 | 53.69 | 24095 | 34.70 |
| 1.39 | 16.68 | 54.31 | 24376 | 35.10 |
| 1.40 | 16.80 | 54.94 | 24658 | 35.51 |
| 1.41 | 16.92 | 55.57 | 24942 | 35.92 |
| 1.42 | 17.04 | 56.21 | 25227 | 36.33 |
| 1.43 | 17.16 | 56.85 | 25513 | 36.74 |
| 1.44 | 17.28 | 57.49 | 25800 | 37.15 |
| 1.45 | 17.40 | 58.13 | 26088 | 37.57 |
| 1.46 | 17.52 | 58.77 | 26378 | 37.99 |
| 1.47 | 17.64 | 59.42 | 26669 | 38.41 |
| 1.48 | 17.76 | 60.07 | 26961 | 38.83 |
| 1.49 | 17.88 | 60.73 | 27254 | 39.25 |
| 1.50 | 18.00 | 61.38 | 27549 | 39.67 |

| LEVEL | | FLOW | | |
|-------|--------|-------|-------|-------|
| FEET | INCHES | CFS | GPM | MGD |
| 1.51 | 18.12 | 62.04 | 27844 | 40.10 |
| 1.52 | 18.24 | 62.70 | 28141 | 40.53 |
| 1.53 | 18.36 | 63.37 | 28439 | 40.95 |
| 1.54 | 18.48 | 64.03 | 28739 | 41.39 |
| 1.55 | 18.60 | 64.70 | 29039 | 41.82 |
| 1.56 | 18.72 | 65.38 | 29341 | 42.25 |
| 1.57 | 18.84 | 66.05 | 29643 | 42.69 |
| 1.58 | 18.96 | 66.73 | 29947 | 43.13 |
| 1.59 | 19.08 | 67.41 | 30252 | 43.57 |
| 1.60 | 19.20 | 68.09 | 30559 | 44.01 |
| 1.61 | 19.32 | 68.77 | 30866 | 44.45 |
| 1.62 | 19.44 | 69.46 | 31175 | 44.89 |
| 1.63 | 19.56 | 70.15 | 31484 | 45.34 |
| 1.64 | 19.68 | 70.84 | 31795 | 45.79 |
| 1.65 | 19.80 | 71.54 | 32107 | 46.24 |
| 1.66 | 19.92 | 72.24 | 32420 | 46.69 |
| 1.67 | 20.04 | 72.94 | 32735 | 47.14 |
| 1.68 | 20.16 | 73.64 | 33050 | 47.59 |
| 1.69 | 20.28 | 74.35 | 33367 | 48.05 |
| 1.70 | 20.40 | 75.05 | 33685 | 48.51 |
| 1.71 | 20.52 | 75.77 | 34003 | 48.97 |
| 1.72 | 20.64 | 76.48 | 34324 | 49.43 |
| 1.73 | 20.76 | 77.19 | 34645 | 49.89 |
| 1.74 | 20.88 | 77.91 | 34967 | 50.35 |
| 1.75 | 21.00 | 78.63 | 35290 | 50.82 |
| 1.76 | 21.12 | 79.36 | 35615 | 51.29 |
| 1.77 | 21.24 | 80.08 | 35941 | 51.76 |
| 1.78 | 21.36 | 80.81 | 36267 | 52.23 |
| 1.79 | 21.48 | 81.54 | 36595 | 52.70 |
| 1.80 | 21.60 | 82.27 | 36924 | 53.17 |
| 1.81 | 21.72 | 83.01 | 37254 | 53.65 |
| 1.82 | 21.84 | 83.75 | 37586 | 54.13 |
| 1.83 | 21.96 | 84.49 | 37918 | 54.60 |
| 1.84 | 22.08 | 85.23 | 38251 | 55.08 |
| 1.85 | 22.20 | 85.98 | 38586 | 55.57 |
| 1.86 | 22.32 | 86.72 | 38922 | 56.05 |
| 1.87 | 22.44 | 87.47 | 39258 | 56.53 |
| 1.88 | 22.56 | 88.23 | 39596 | 57.02 |
| 1.89 | 22.68 | 88.98 | 39935 | 57.51 |
| 1.90 | 22.80 | 89.74 | 40275 | 58.00 |
| 1.91 | 22.92 | 90.50 | 40616 | 58.49 |
| 1.92 | 23.04 | 91.26 | 40958 | 58.98 |
| 1.93 | 23.16 | 92.03 | 41301 | 59.48 |
| 1.94 | 23.28 | 92.79 | 41646 | 59.97 |
| 1.95 | 23.40 | 93.56 | 41991 | 60.47 |
| 1.96 | 23.52 | 94.34 | 42338 | 60.97 |
| 1.97 | 23.64 | 95.11 | 42685 | 61.47 |
| 1.98 | 23.76 | 95.89 | 43034 | 61.97 |
| 1.99 | 23.88 | 96.67 | 43384 | 62.48 |
| 2.00 | 24.00 | 97.45 | 43734 | 62.98 |



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Discharge Table For 96" Parshall Flume

| LEVEL | | FLOW | | |
|-------|--------|-------|-------|-------|
| FEET | INCHES | CFS | GPM | MGD |
| 2.01 | 24.12 | 98.23 | 44086 | 63.49 |
| 2.02 | 24.24 | 99.02 | 44439 | 64.00 |
| 2.03 | 24.36 | 99.81 | 44793 | 64.50 |
| 2.04 | 24.48 | 100.6 | 45148 | 65.02 |
| 2.05 | 24.60 | 101.4 | 45504 | 65.53 |
| 2.06 | 24.72 | 102.2 | 45861 | 66.04 |
| 2.07 | 24.84 | 103.0 | 46220 | 66.56 |
| 2.08 | 24.96 | 103.8 | 46579 | 67.08 |
| 2.09 | 25.08 | 104.6 | 46939 | 67.60 |
| 2.10 | 25.20 | 105.4 | 47300 | 68.12 |
| 2.11 | 25.32 | 106.2 | 47663 | 68.64 |
| 2.12 | 25.44 | 107.0 | 48026 | 69.16 |
| 2.13 | 25.56 | 107.8 | 48391 | 69.69 |
| 2.14 | 25.68 | 108.6 | 48756 | 70.21 |
| 2.15 | 25.80 | 109.5 | 49123 | 70.74 |
| 2.16 | 25.92 | 110.3 | 49490 | 71.27 |
| 2.17 | 26.04 | 111.1 | 49859 | 71.80 |
| 2.18 | 26.16 | 111.9 | 50229 | 72.33 |
| 2.19 | 26.28 | 112.7 | 50599 | 72.87 |
| 2.20 | 26.40 | 113.6 | 50971 | 73.40 |
| 2.21 | 26.52 | 114.4 | 51344 | 73.94 |
| 2.22 | 26.64 | 115.2 | 51717 | 74.48 |
| 2.23 | 26.76 | 116.1 | 52092 | 75.02 |
| 2.24 | 26.88 | 116.9 | 52468 | 75.56 |
| 2.25 | 27.00 | 117.7 | 52845 | 76.10 |
| 2.26 | 27.12 | 118.6 | 53223 | 76.64 |
| 2.27 | 27.24 | 119.4 | 53602 | 77.19 |
| 2.28 | 27.36 | 120.3 | 53981 | 77.74 |
| 2.29 | 27.48 | 121.1 | 54362 | 78.29 |
| 2.30 | 27.60 | 122.0 | 54744 | 78.83 |
| 2.31 | 27.72 | 122.8 | 55127 | 79.39 |
| 2.32 | 27.84 | 123.7 | 55511 | 79.94 |
| 2.33 | 27.96 | 124.5 | 55896 | 80.49 |
| 2.34 | 28.08 | 125.4 | 56282 | 81.05 |
| 2.35 | 28.20 | 126.3 | 56669 | 81.61 |
| 2.36 | 28.32 | 127.1 | 57057 | 82.17 |
| 2.37 | 28.44 | 128.0 | 57445 | 82.73 |
| 2.38 | 28.56 | 128.9 | 57835 | 83.29 |
| 2.39 | 28.68 | 129.7 | 58226 | 83.85 |
| 2.40 | 28.80 | 130.6 | 58618 | 84.41 |
| 2.41 | 28.92 | 131.5 | 59011 | 84.98 |
| 2.42 | 29.04 | 132.4 | 59405 | 85.55 |
| 2.43 | 29.16 | 133.2 | 59800 | 86.12 |
| 2.44 | 29.28 | 134.1 | 60196 | 86.69 |
| 2.45 | 29.40 | 135.0 | 60592 | 87.26 |
| 2.46 | 29.52 | 135.9 | 60990 | 87.83 |
| 2.47 | 29.64 | 136.8 | 61389 | 88.40 |
| 2.48 | 29.76 | 137.7 | 61789 | 88.98 |
| 2.49 | 29.88 | 138.6 | 62190 | 89.56 |
| 2.50 | 30.00 | 139.5 | 62591 | 90.14 |