



Flow Chart for 1.0 HS Flume

| Head (feet) | MGD | CFS | GPM |
|-------------|---------|---------|---------|
| 0.01 | | | |
| 0.02 | | | |
| 0.03 | | | |
| 0.04 | 0.00091 | 0.00141 | 0.63088 |
| 0.05 | 0.00136 | 0.00211 | 0.94407 |
| 0.06 | 0.00189 | 0.00292 | 1.3091 |
| 0.07 | 0.00249 | 0.00385 | 1.7257 |
| 0.08 | 0.00316 | 0.00490 | 2.1940 |
| 0.09 | 0.00391 | 0.00606 | 2.7145 |
| 0.10 | 0.00473 | 0.00734 | 3.2877 |
| 0.11 | 0.00564 | 0.00874 | 3.9143 |
| 0.12 | 0.00662 | 0.01026 | 4.5950 |
| 0.13 | 0.00768 | 0.01190 | 5.3307 |
| 0.14 | 0.00882 | 0.01367 | 6.1221 |
| 0.15 | 0.01004 | 0.01556 | 6.9701 |
| 0.16 | 0.01134 | 0.01758 | 7.8756 |
| 0.17 | 0.01273 | 0.01973 | 8.8395 |
| 0.18 | 0.01420 | 0.02201 | 9.8625 |
| 0.19 | 0.01576 | 0.02443 | 10.946 |
| 0.20 | 0.01741 | 0.02699 | 12.090 |
| 0.21 | 0.01915 | 0.02968 | 13.295 |
| 0.22 | 0.02097 | 0.03251 | 14.564 |
| 0.23 | 0.02289 | 0.03548 | 15.896 |
| 0.24 | 0.02490 | 0.03860 | 17.292 |
| 0.25 | 0.02701 | 0.04186 | 18.754 |
| 0.26 | 0.02921 | 0.04527 | 20.282 |
| 0.27 | 0.03150 | 0.04883 | 21.877 |
| 0.28 | 0.03390 | 0.05254 | 23.539 |
| 0.29 | 0.03639 | 0.05641 | 25.270 |
| 0.30 | 0.03898 | 0.06042 | 27.070 |
| 0.31 | 0.04168 | 0.06460 | 28.941 |
| 0.32 | 0.04447 | 0.06893 | 30.882 |
| 0.33 | 0.04737 | 0.07343 | 32.895 |
| 0.34 | 0.05038 | 0.07808 | 34.981 |
| 0.35 | 0.05349 | 0.08290 | 37.140 |
| 0.36 | 0.05670 | 0.08789 | 39.373 |
| 0.37 | 0.06003 | 0.09304 | 41.681 |
| 0.38 | 0.06346 | 0.09836 | 44.065 |
| 0.39 | 0.06700 | 0.10385 | 46.525 |
| 0.40 | 0.07065 | 0.10951 | 49.062 |

| Head (feet) | MGD | CFS | GPM |
|-------------|---------|---------|--------|
| 0.41 | 0.07442 | 0.11535 | 51.677 |
| 0.42 | 0.07830 | 0.12136 | 54.371 |
| 0.43 | 0.08229 | 0.12755 | 57.143 |
| 0.44 | 0.08640 | 0.13392 | 59.996 |
| 0.45 | 0.09062 | 0.14047 | 62.930 |
| 0.46 | 0.09497 | 0.14720 | 65.945 |
| 0.47 | 0.09943 | 0.15411 | 69.042 |
| 0.48 | 0.10401 | 0.16121 | 72.22 |
| 0.49 | 0.10871 | 0.16849 | 75.49 |
| 0.50 | 0.11353 | 0.17597 | 78.83 |
| 0.51 | 0.11847 | 0.18363 | 82.27 |
| 0.52 | 0.12354 | 0.19148 | 85.78 |
| 0.53 | 0.12873 | 0.19953 | 89.39 |
| 0.54 | 0.13404 | 0.20777 | 93.08 |
| 0.55 | 0.13949 | 0.21620 | 96.86 |
| 0.56 | 0.14506 | 0.22484 | 100.73 |
| 0.57 | 0.15075 | 0.23367 | 104.68 |
| 0.58 | 0.15658 | 0.24270 | 108.73 |
| 0.59 | 0.16254 | 0.25193 | 112.86 |
| 0.60 | 0.16862 | 0.26136 | 117.09 |
| 0.61 | 0.17484 | 0.27100 | 121.41 |
| 0.62 | 0.18119 | 0.28085 | 125.82 |
| 0.63 | 0.18768 | 0.29090 | 130.32 |
| 0.64 | 0.19430 | 0.30116 | 134.92 |
| 0.65 | 0.20105 | 0.31163 | 139.61 |
| 0.66 | 0.20794 | 0.32231 | 144.39 |
| 0.67 | 0.21497 | 0.33320 | 149.27 |
| 0.68 | 0.22213 | 0.34431 | 154.25 |
| 0.69 | 0.22944 | 0.35563 | 159.32 |
| 0.70 | 0.23688 | 0.36717 | 164.49 |
| 0.71 | 0.24447 | 0.37892 | 169.76 |
| 0.72 | 0.25219 | 0.39090 | 175.12 |
| 0.73 | 0.26006 | 0.40309 | 180.59 |
| 0.74 | 0.26807 | 0.41551 | 186.15 |
| 0.75 | 0.27623 | 0.42815 | 191.81 |
| 0.76 | 0.28453 | 0.44102 | 197.58 |
| 0.77 | 0.29297 | 0.45411 | 203.44 |
| 0.78 | 0.30157 | 0.46743 | 209.41 |
| 0.79 | 0.31030 | 0.48097 | 215.48 |
| 0.80 | 0.31919 | 0.49475 | 221.65 |



Flow Chart for 1.0 HS Flume

| | | | |
|------|---------|---------|---------|
| 0.81 | 0.32823 | 0.50875 | 227.922 |
| 0.82 | 0.33741 | 0.52299 | 234.300 |
| 0.83 | 0.34675 | 0.53746 | 240.783 |
| 0.84 | 0.35624 | 0.55217 | 247.371 |
| 0.85 | 0.36588 | 0.56711 | 254.065 |
| 0.86 | 0.37567 | 0.58229 | 260.865 |
| 0.87 | 0.38562 | 0.59770 | 267.772 |
| 0.88 | 0.39572 | 0.61336 | 274.785 |
| 0.89 | 0.40597 | 0.62926 | 281.907 |
| 0.90 | 0.41638 | 0.64539 | 289.137 |

| | | | |
|------|---------|---------|--------|
| 0.91 | 0.42695 | 0.66178 | 296.48 |
| 0.92 | 0.43768 | 0.67840 | 303.92 |