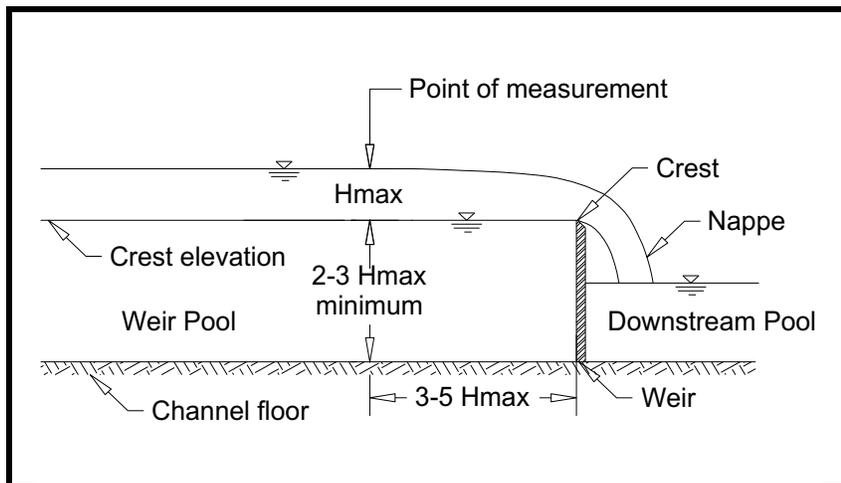


Formulas (H in feet): CFS = 4.330 H_{ft.}^{2.5} GPM = 1943 H_{ft.}^{2.5} MGD = 2.798 H_{ft.}^{2.5}
 Formulas (H in meters): L/S = 2391 H_m^{2.5} M3/HR = 8606 H_m^{2.5}

| FEET | INCHES | METERS | CFS | GPM | MGD | L/S | M3/HR |
|------|--------|--------|--------|-------|--------|-------|-------|
| 0.01 | 0.12 | 0.0030 | | | | | |
| 0.02 | 0.24 | 0.0061 | | | | | |
| 0.03 | 0.36 | 0.0091 | | | | | |
| 0.04 | 0.48 | 0.0122 | | | | | |
| 0.05 | 0.60 | 0.0152 | | | | | |
| 0.06 | 0.72 | 0.0183 | | | | | |
| 0.07 | 0.84 | 0.0213 | | | | | |
| 0.08 | 0.96 | 0.0244 | | | | | |
| 0.09 | 1.08 | 0.0274 | | | | | |
| 0.10 | 1.20 | 0.0305 | | | | | |
| 0.11 | 1.32 | 0.0335 | | | | | |
| 0.12 | 1.44 | 0.0366 | | | | | |
| 0.13 | 1.56 | 0.0396 | | | | | |
| 0.14 | 1.68 | 0.0427 | | | | | |
| 0.15 | 1.80 | 0.0457 | | | | | |
| 0.16 | 1.92 | 0.0488 | | | | | |
| 0.17 | 2.04 | 0.0518 | | | | | |
| 0.18 | 2.16 | 0.0549 | | | | | |
| 0.19 | 2.28 | 0.0579 | | | | | |
| 0.20 | 2.40 | 0.0610 | 0.0775 | 34.76 | 0.0501 | 2.194 | 7.893 |
| 0.21 | 2.52 | 0.0640 | 0.0875 | 39.27 | 0.0566 | 2.478 | 8.917 |
| 0.22 | 2.64 | 0.0671 | 0.0983 | 44.12 | 0.0635 | 2.784 | 10.02 |
| 0.23 | 2.76 | 0.0701 | 0.1099 | 49.30 | 0.0710 | 3.111 | 11.19 |
| 0.24 | 2.88 | 0.0732 | 0.1222 | 54.84 | 0.0790 | 3.460 | 12.45 |
| 0.25 | 3.00 | 0.0762 | 0.1353 | 60.73 | 0.0875 | 3.832 | 13.79 |
| 0.26 | 3.12 | 0.0792 | 0.1493 | 66.98 | 0.0965 | 4.227 | 15.21 |
| 0.27 | 3.24 | 0.0823 | 0.1640 | 73.61 | 0.1060 | 4.645 | 16.71 |
| 0.28 | 3.36 | 0.0853 | 0.1796 | 80.62 | 0.1161 | 5.087 | 18.30 |
| 0.29 | 3.48 | 0.0884 | 0.1961 | 88.01 | 0.1267 | 5.554 | 19.98 |
| 0.30 | 3.60 | 0.0914 | 0.2134 | 95.80 | 0.1380 | 6.045 | 21.75 |

Nappe may cling to downstream weir face





120° V-Notch Weir Discharge Table

±2-5% Accuracy

Formulas (H in feet): CFS = 4.330 H_{ft.}^{2.5} GPM = 1943 H_{ft.}^{2.5} MGD = 2.798 H_{ft.}^{2.5}
 Formulas (H in meters): L/S = 2391 H_m^{2.5} M3/HR = 8606 H_m^{2.5}

| FEET | INCHES | METERS | CFS | GPM | MGD | L/S | M3/HR |
|------|--------|--------|--------|-------|--------|-------|-------|
| 0.31 | 3.72 | 0.0945 | 0.2317 | 104.0 | 0.1497 | 6.561 | 23.61 |
| 0.32 | 3.84 | 0.0975 | 0.2508 | 112.6 | 0.1621 | 7.103 | 25.56 |
| 0.33 | 3.96 | 0.1006 | 0.2709 | 121.6 | 0.1751 | 7.671 | 27.60 |
| 0.34 | 4.08 | 0.1036 | 0.2919 | 131.0 | 0.1886 | 8.266 | 29.74 |
| 0.35 | 4.20 | 0.1067 | 0.3138 | 140.8 | 0.2028 | 8.887 | 31.98 |
| 0.36 | 4.32 | 0.1097 | 0.3367 | 151.1 | 0.2176 | 9.535 | 34.31 |
| 0.37 | 4.44 | 0.1128 | 0.3606 | 161.8 | 0.2330 | 10.21 | 36.74 |
| 0.38 | 4.56 | 0.1158 | 0.3854 | 173.0 | 0.2491 | 10.92 | 39.28 |
| 0.39 | 4.68 | 0.1189 | 0.4113 | 184.6 | 0.2658 | 11.65 | 41.91 |
| 0.40 | 4.80 | 0.1219 | 0.4382 | 196.6 | 0.2832 | 12.41 | 44.65 |
| 0.41 | 4.92 | 0.1250 | 0.4661 | 209.2 | 0.3012 | 13.20 | 47.49 |
| 0.42 | 5.04 | 0.1280 | 0.4950 | 222.2 | 0.3199 | 14.02 | 50.44 |
| 0.43 | 5.16 | 0.1311 | 0.5250 | 235.6 | 0.3393 | 14.87 | 53.50 |
| 0.44 | 5.28 | 0.1341 | 0.5561 | 249.6 | 0.3594 | 15.75 | 56.66 |
| 0.45 | 5.40 | 0.1372 | 0.5882 | 264.0 | 0.3801 | 16.66 | 59.94 |
| 0.46 | 5.52 | 0.1402 | 0.6214 | 278.9 | 0.4016 | 17.60 | 63.32 |
| 0.47 | 5.64 | 0.1433 | 0.6557 | 294.3 | 0.4238 | 18.57 | 66.82 |
| 0.48 | 5.76 | 0.1463 | 0.6912 | 310.2 | 0.4467 | 19.57 | 70.43 |
| 0.49 | 5.88 | 0.1494 | 0.7277 | 326.6 | 0.4703 | 20.61 | 74.16 |
| 0.50 | 6.00 | 0.1524 | 0.7654 | 343.5 | 0.4947 | 21.68 | 78.00 |
| 0.51 | 6.12 | 0.1554 | 0.8043 | 361.0 | 0.5198 | 22.78 | 81.96 |
| 0.52 | 6.24 | 0.1585 | 0.8443 | 378.9 | 0.5457 | 23.91 | 86.03 |
| 0.53 | 6.36 | 0.1615 | 0.8855 | 397.4 | 0.5723 | 25.08 | 90.23 |
| 0.54 | 6.48 | 0.1646 | 0.9278 | 416.4 | 0.5997 | 26.28 | 94.55 |
| 0.55 | 6.60 | 0.1676 | 0.9714 | 436.0 | 0.6278 | 27.51 | 98.98 |
| 0.56 | 6.72 | 0.1707 | 1.016 | 456.0 | 0.6567 | 28.78 | 103.5 |
| 0.57 | 6.84 | 0.1737 | 1.062 | 476.7 | 0.6865 | 30.08 | 108.2 |
| 0.58 | 6.96 | 0.1768 | 1.109 | 497.9 | 0.7170 | 31.42 | 113.0 |
| 0.59 | 7.08 | 0.1798 | 1.158 | 519.6 | 0.7483 | 32.79 | 118.0 |
| 0.60 | 7.20 | 0.1829 | 1.207 | 541.9 | 0.7804 | 34.19 | 123.0 |
| 0.61 | 7.32 | 0.1859 | 1.258 | 564.8 | 0.8133 | 35.64 | 128.2 |
| 0.62 | 7.44 | 0.1890 | 1.311 | 588.2 | 0.8470 | 37.12 | 133.5 |
| 0.63 | 7.56 | 0.1920 | 1.364 | 612.2 | 0.8816 | 38.63 | 139.0 |
| 0.64 | 7.68 | 0.1951 | 1.419 | 636.8 | 0.9170 | 40.18 | 144.6 |
| 0.65 | 7.80 | 0.1981 | 1.475 | 661.9 | 0.9532 | 41.77 | 150.3 |
| 0.66 | 7.92 | 0.2012 | 1.532 | 687.7 | 0.9903 | 43.40 | 156.1 |
| 0.67 | 8.04 | 0.2042 | 1.591 | 714.0 | 1.028 | 45.06 | 162.1 |
| 0.68 | 8.16 | 0.2073 | 1.651 | 741.0 | 1.067 | 46.76 | 168.2 |
| 0.69 | 8.28 | 0.2103 | 1.712 | 768.5 | 1.107 | 48.50 | 174.5 |
| 0.70 | 8.40 | 0.2134 | 1.775 | 796.7 | 1.147 | 50.27 | 180.9 |
| 0.71 | 8.52 | 0.2164 | 1.839 | 825.4 | 1.189 | 52.09 | 187.4 |
| 0.72 | 8.64 | 0.2195 | 1.905 | 854.8 | 1.231 | 53.94 | 194.1 |
| 0.73 | 8.76 | 0.2225 | 1.971 | 884.8 | 1.274 | 55.83 | 200.9 |
| 0.74 | 8.88 | 0.2256 | 2.040 | 915.4 | 1.318 | 57.76 | 207.8 |
| 0.75 | 9.00 | 0.2286 | 2.109 | 946.7 | 1.363 | 59.74 | 214.9 |
| 0.76 | 9.12 | 0.2316 | 2.180 | 978.5 | 1.409 | 61.75 | 222.2 |
| 0.77 | 9.24 | 0.2347 | 2.253 | 1011 | 1.456 | 63.80 | 229.6 |
| 0.78 | 9.36 | 0.2377 | 2.327 | 1044 | 1.504 | 65.89 | 237.1 |
| 0.79 | 9.48 | 0.2408 | 2.402 | 1078 | 1.552 | 68.02 | 244.8 |
| 0.80 | 9.60 | 0.2438 | 2.479 | 1112 | 1.602 | 70.19 | 252.6 |

Sources: Skrenter, R., Instrumentation Handbook Water and Wastewater Treatment Plants

ASTM D 5242-92 (2001): Standard Test Method for Open Channel Flow Measurement of Water with Thin-Plate Weirs



120° V-Notch Weir Discharge Table

±2-5% Accuracy

Formulas (H in feet): CFS = 4.330 H_{ft.}^{2.5}
 Formulas (H in meters): L/S = 2391 H_m^{2.5}

GPM = 1943 H_{ft.}^{2.5} MGD = 2.798 H_{ft.}^{2.5}
 M3/HR = 8606 H_m^{2.5}

| FEET | INCHES | METERS | CFS | GPM | MGD | L/S | M3/HR |
|------|--------|--------|-------|------|-------|-------|-------|
| 0.81 | 9.72 | 0.2469 | 2.557 | 1148 | 1.652 | 72.41 | 260.5 |
| 0.82 | 9.84 | 0.2499 | 2.636 | 1183 | 1.704 | 74.66 | 268.7 |
| 0.83 | 9.96 | 0.2530 | 2.718 | 1220 | 1.756 | 76.96 | 276.9 |
| 0.84 | 10.08 | 0.2560 | 2.800 | 1257 | 1.810 | 79.30 | 285.3 |
| 0.85 | 10.20 | 0.2591 | 2.884 | 1294 | 1.864 | 81.68 | 293.9 |
| 0.86 | 10.32 | 0.2621 | 2.970 | 1333 | 1.919 | 84.11 | 302.6 |
| 0.87 | 10.44 | 0.2652 | 3.057 | 1372 | 1.976 | 86.57 | 311.5 |
| 0.88 | 10.56 | 0.2682 | 3.146 | 1412 | 2.033 | 89.08 | 320.5 |
| 0.89 | 10.68 | 0.2713 | 3.236 | 1452 | 2.091 | 91.63 | 329.7 |
| 0.90 | 10.80 | 0.2743 | 3.327 | 1493 | 2.150 | 94.23 | 339.1 |
| 0.91 | 10.92 | 0.2774 | 3.421 | 1535 | 2.211 | 96.87 | 348.6 |
| 0.92 | 11.04 | 0.2804 | 3.515 | 1578 | 2.272 | 99.55 | 358.2 |
| 0.93 | 11.16 | 0.2835 | 3.612 | 1621 | 2.334 | 102.3 | 368.0 |
| 0.94 | 11.28 | 0.2865 | 3.709 | 1665 | 2.397 | 105.1 | 378.0 |
| 0.95 | 11.40 | 0.2896 | 3.809 | 1709 | 2.462 | 107.9 | 388.1 |
| 0.96 | 11.52 | 0.2926 | 3.910 | 1755 | 2.527 | 110.7 | 398.4 |
| 0.97 | 11.64 | 0.2957 | 4.013 | 1801 | 2.593 | 113.6 | 408.9 |
| 0.98 | 11.76 | 0.2987 | 4.117 | 1848 | 2.661 | 116.6 | 419.5 |
| 0.99 | 11.88 | 0.3018 | 4.223 | 1895 | 2.729 | 119.6 | 430.3 |
| 1.00 | 12.00 | 0.3048 | 4.330 | 1943 | 2.798 | 122.6 | 441.2 |
| 1.01 | 12.12 | 0.3078 | 4.439 | 1992 | 2.869 | 125.7 | 452.3 |
| 1.02 | 12.24 | 0.3109 | 4.550 | 2042 | 2.941 | 128.8 | 463.6 |
| 1.03 | 12.36 | 0.3139 | 4.662 | 2092 | 3.013 | 132.0 | 475.1 |
| 1.04 | 12.48 | 0.3170 | 4.776 | 2144 | 3.087 | 135.3 | 486.7 |
| 1.05 | 12.60 | 0.3200 | 4.892 | 2195 | 3.162 | 138.5 | 498.5 |
| 1.06 | 12.72 | 0.3231 | 5.009 | 2248 | 3.237 | 141.9 | 510.4 |
| 1.07 | 12.84 | 0.3261 | 5.128 | 2301 | 3.314 | 145.2 | 522.5 |
| 1.08 | 12.96 | 0.3292 | 5.249 | 2356 | 3.392 | 148.6 | 534.8 |
| 1.09 | 13.08 | 0.3322 | 5.371 | 2410 | 3.471 | 152.1 | 547.3 |
| 1.10 | 13.20 | 0.3353 | 5.495 | 2466 | 3.551 | 155.6 | 559.9 |
| 1.11 | 13.32 | 0.3383 | 5.621 | 2523 | 3.633 | 159.2 | 572.8 |
| 1.12 | 13.44 | 0.3414 | 5.748 | 2580 | 3.715 | 162.8 | 585.7 |
| 1.13 | 13.56 | 0.3444 | 5.877 | 2638 | 3.799 | 166.4 | 598.9 |
| 1.14 | 13.68 | 0.3475 | 6.008 | 2697 | 3.883 | 170.2 | 612.2 |
| 1.15 | 13.80 | 0.3505 | 6.141 | 2756 | 3.969 | 173.9 | 625.8 |
| 1.16 | 13.92 | 0.3536 | 6.275 | 2816 | 4.056 | 177.7 | 639.5 |
| 1.17 | 14.04 | 0.3566 | 6.411 | 2877 | 4.144 | 181.6 | 653.3 |
| 1.18 | 14.16 | 0.3597 | 6.549 | 2939 | 4.233 | 185.5 | 667.4 |
| 1.19 | 14.28 | 0.3627 | 6.689 | 3002 | 4.323 | 189.4 | 681.6 |
| 1.20 | 14.40 | 0.3658 | 6.830 | 3065 | 4.414 | 193.4 | 696.0 |
| 1.21 | 14.52 | 0.3688 | 6.974 | 3130 | 4.507 | 197.5 | 710.6 |
| 1.22 | 14.64 | 0.3719 | 7.118 | 3195 | 4.601 | 201.6 | 725.4 |
| 1.23 | 14.76 | 0.3749 | 7.265 | 3261 | 4.696 | 205.8 | 740.3 |
| 1.24 | 14.88 | 0.3780 | 7.414 | 3327 | 4.792 | 210.0 | 755.5 |
| 1.25 | 15.00 | 0.3810 | 7.564 | 3395 | 4.889 | 214.2 | 770.8 |
| 1.26 | 15.12 | 0.3840 | 7.716 | 3463 | 4.987 | 218.5 | 786.3 |
| 1.27 | 15.24 | 0.3871 | 7.870 | 3532 | 5.087 | 222.9 | 802.0 |
| 1.28 | 15.36 | 0.3901 | 8.026 | 3602 | 5.187 | 227.3 | 817.9 |
| 1.29 | 15.48 | 0.3932 | 8.184 | 3673 | 5.289 | 231.8 | 833.9 |
| 1.30 | 15.60 | 0.3962 | 8.343 | 3745 | 5.392 | 236.3 | 850.2 |

Sources: Skrenter, R., Instrumentation Handbook Water and Wastewater Treatment Plants

ASTM D 5242-92 (2001): Standard Test Method for Open Channel Flow Measurement of Water with Thin-Plate Weirs



120° V-Notch Weir Discharge Table

±2-5% Accuracy

Formulas (H in feet): CFS = 4.330 H_{ft.}^{2.5} GPM = 1943 H_{ft.}^{2.5} MGD = 2.798 H_{ft.}^{2.5}
 Formulas (H in meters): L/S = 2391 H_m^{2.5} M3/HR = 8606 H_m^{2.5}

| FEET | INCHES | METERS | CFS | GPM | MGD | L/S | M3/HR |
|------|--------|--------|-------|------|-------|-------|-------|
| 1.31 | 15.72 | 0.3993 | 8.505 | 3817 | 5.497 | 240.9 | 866.6 |
| 1.32 | 15.84 | 0.4023 | 8.668 | 3890 | 5.602 | 245.5 | 883.3 |
| 1.33 | 15.96 | 0.4054 | 8.833 | 3964 | 5.709 | 250.2 | 900.1 |
| 1.34 | 16.08 | 0.4084 | 9.000 | 4039 | 5.817 | 254.9 | 917.1 |
| 1.35 | 16.20 | 0.4115 | 9.169 | 4115 | 5.926 | 259.7 | 934.3 |
| 1.36 | 16.32 | 0.4145 | 9.340 | 4192 | 6.036 | 264.5 | 951.7 |
| 1.37 | 16.44 | 0.4176 | 9.512 | 4269 | 6.148 | 269.4 | 969.3 |
| 1.38 | 16.56 | 0.4206 | 9.687 | 4347 | 6.261 | 274.3 | 987.1 |
| 1.39 | 16.68 | 0.4237 | 9.863 | 4427 | 6.375 | 279.3 | 1005 |
| 1.40 | 16.80 | 0.4267 | 10.04 | 4507 | 6.490 | 284.4 | 1023 |
| 1.41 | 16.92 | 0.4298 | 10.22 | 4588 | 6.606 | 289.5 | 1042 |
| 1.42 | 17.04 | 0.4328 | 10.40 | 4669 | 6.724 | 294.6 | 1060 |
| 1.43 | 17.16 | 0.4359 | 10.59 | 4752 | 6.843 | 299.9 | 1079 |
| 1.44 | 17.28 | 0.4389 | 10.77 | 4836 | 6.964 | 305.1 | 1098 |
| 1.45 | 17.40 | 0.4420 | 10.96 | 4920 | 7.085 | 310.5 | 1117 |
| 1.46 | 17.52 | 0.4450 | 11.15 | 5005 | 7.208 | 315.8 | 1136 |
| 1.47 | 17.64 | 0.4481 | 11.34 | 5091 | 7.332 | 321.3 | 1156 |
| 1.48 | 17.76 | 0.4511 | 11.54 | 5178 | 7.457 | 326.8 | 1176 |
| 1.49 | 17.88 | 0.4542 | 11.73 | 5266 | 7.584 | 332.3 | 1196 |
| 1.50 | 18.00 | 0.4572 | 11.93 | 5355 | 7.712 | 337.9 | 1216 |
| 1.51 | 18.12 | 0.4602 | 12.13 | 5445 | 7.841 | 343.6 | 1236 |
| 1.52 | 18.24 | 0.4633 | 12.33 | 5535 | 7.971 | 349.3 | 1257 |
| 1.53 | 18.36 | 0.4663 | 12.54 | 5627 | 8.103 | 355.1 | 1278 |
| 1.54 | 18.48 | 0.4694 | 12.74 | 5719 | 8.236 | 360.9 | 1299 |
| 1.55 | 18.60 | 0.4724 | 12.95 | 5813 | 8.370 | 366.8 | 1320 |
| 1.56 | 18.72 | 0.4755 | 13.16 | 5907 | 8.506 | 372.7 | 1341 |
| 1.57 | 18.84 | 0.4785 | 13.37 | 6002 | 8.643 | 378.7 | 1363 |
| 1.58 | 18.96 | 0.4816 | 13.59 | 6098 | 8.781 | 384.8 | 1385 |
| 1.59 | 19.08 | 0.4846 | 13.80 | 6195 | 8.921 | 390.9 | 1407 |
| 1.60 | 19.20 | 0.4877 | 14.02 | 6293 | 9.062 | 397.1 | 1429 |
| 1.61 | 19.32 | 0.4907 | 14.24 | 6392 | 9.204 | 403.3 | 1451 |
| 1.62 | 19.44 | 0.4938 | 14.46 | 6491 | 9.348 | 409.6 | 1474 |
| 1.63 | 19.56 | 0.4968 | 14.69 | 6592 | 9.493 | 416.0 | 1497 |
| 1.64 | 19.68 | 0.4999 | 14.91 | 6693 | 9.639 | 422.4 | 1520 |
| 1.65 | 19.80 | 0.5029 | 15.14 | 6796 | 9.787 | 428.8 | 1543 |
| 1.66 | 19.92 | 0.5060 | 15.37 | 6899 | 9.936 | 435.4 | 1567 |
| 1.67 | 20.04 | 0.5090 | 15.61 | 7004 | 10.09 | 441.9 | 1590 |
| 1.68 | 20.16 | 0.5121 | 15.84 | 7109 | 10.24 | 448.6 | 1614 |
| 1.69 | 20.28 | 0.5151 | 16.08 | 7215 | 10.39 | 455.3 | 1638 |
| 1.70 | 20.40 | 0.5182 | 16.32 | 7323 | 10.54 | 462.1 | 1663 |
| 1.71 | 20.52 | 0.5212 | 16.56 | 7431 | 10.70 | 468.9 | 1687 |
| 1.72 | 20.64 | 0.5243 | 16.80 | 7540 | 10.86 | 475.8 | 1712 |
| 1.73 | 20.76 | 0.5273 | 17.05 | 7650 | 11.02 | 482.7 | 1737 |
| 1.74 | 20.88 | 0.5304 | 17.29 | 7761 | 11.18 | 489.7 | 1762 |
| 1.75 | 21.00 | 0.5334 | 17.54 | 7873 | 11.34 | 496.8 | 1788 |
| 1.76 | 21.12 | 0.5364 | 17.79 | 7986 | 11.50 | 503.9 | 1813 |
| 1.77 | 21.24 | 0.5395 | 18.05 | 8100 | 11.66 | 511.1 | 1839 |
| 1.78 | 21.36 | 0.5425 | 18.30 | 8215 | 11.83 | 518.4 | 1865 |
| 1.79 | 21.48 | 0.5456 | 18.56 | 8331 | 12.00 | 525.7 | 1891 |
| 1.80 | 21.60 | 0.5486 | 18.82 | 8447 | 12.16 | 533.0 | 1918 |

Sources: Skrenter, R., Instrumentation Handbook Water and Wastewater Treatment Plants

ASTM D 5242-92 (2001): Standard Test Method for Open Channel Flow Measurement of Water with Thin-Plate Weirs



120° V-Notch Weir Discharge Table

±2-5% Accuracy

Formulas (H in feet): CFS = 4.330 H_{ft.}^{2.5} GPM = 1943 H_{ft.}^{2.5} MGD = 2.798 H_{ft.}^{2.5}
 Formulas (H in meters): L/S = 2391 H_m^{2.5} M3/HR = 8606 H_m^{2.5}

| FEET | INCHES | METERS | CFS | GPM | MGD | L/S | M3/HR |
|------|--------|--------|-------|-------|-------|-------|-------|
| 1.81 | 21.72 | 0.5517 | 19.08 | 8565 | 12.33 | 540.5 | 1945 |
| 1.82 | 21.84 | 0.5547 | 19.35 | 8684 | 12.51 | 548.0 | 1972 |
| 1.83 | 21.96 | 0.5578 | 19.62 | 8804 | 12.68 | 555.5 | 1999 |
| 1.84 | 22.08 | 0.5608 | 19.89 | 8925 | 12.85 | 563.2 | 2026 |
| 1.85 | 22.20 | 0.5639 | 20.16 | 9046 | 13.03 | 570.8 | 2054 |
| 1.86 | 22.32 | 0.5669 | 20.43 | 9169 | 13.20 | 578.6 | 2082 |
| 1.87 | 22.44 | 0.5700 | 20.71 | 9293 | 13.38 | 586.4 | 2110 |
| 1.88 | 22.56 | 0.5730 | 20.98 | 9417 | 13.56 | 594.3 | 2138 |
| 1.89 | 22.68 | 0.5761 | 21.26 | 9543 | 13.74 | 602.2 | 2167 |
| 1.90 | 22.80 | 0.5791 | 21.55 | 9670 | 13.93 | 610.2 | 2196 |
| 1.91 | 22.92 | 0.5822 | 21.83 | 9798 | 14.11 | 618.3 | 2225 |
| 1.92 | 23.04 | 0.5852 | 22.12 | 9926 | 14.29 | 626.4 | 2254 |
| 1.93 | 23.16 | 0.5883 | 22.41 | 10056 | 14.48 | 634.6 | 2283 |
| 1.94 | 23.28 | 0.5913 | 22.70 | 10187 | 14.67 | 642.8 | 2313 |
| 1.95 | 23.40 | 0.5944 | 22.99 | 10319 | 14.86 | 651.1 | 2343 |
| 1.96 | 23.52 | 0.5974 | 23.29 | 10452 | 15.05 | 659.5 | 2373 |
| 1.97 | 23.64 | 0.6005 | 23.59 | 10585 | 15.24 | 668.0 | 2403 |
| 1.98 | 23.76 | 0.6035 | 23.89 | 10720 | 15.44 | 676.5 | 2434 |
| 1.99 | 23.88 | 0.6066 | 24.19 | 10856 | 15.63 | 685.0 | 2465 |
| 2.00 | 24.00 | 0.6096 | 24.49 | 10993 | 15.83 | 693.7 | 2496 |

Sources: Skrenter, R., Instrumentation Handbook Water and Wastewater Treatment Plants
 ASTM D 5242-92 (2001): Standard Test Method for Open Channel Flow Measurement of Water with Thin-Plate Weirs