

| TIEMPO (hr) | GASTO DE ENTRADA (m3/s) | ELEVACIÓN (msmn) | GASTO DE SALIDA (m3/s) |
|-------------|-------------------------|------------------|------------------------|
| 0           | 423.289                 | 1614.52          | 0                      |
| 1           | 428.493                 | 1614.67          | 19.868                 |
| 2           | 419.82                  | 1614.8           | 52.954                 |
| 3           | 411.148                 | 1614.92          | 89.852                 |
| 4           | 428.493                 | 1615.03          | 128.119                |
| 5           | 445.838                 | 1615.13          | 167.344                |
| 6           | 438.9                   | 1615.22          | 204.692                |
| 7           | 457.98                  | 1615.3           | 239.538                |
| 8           | 477.059                 | 1615.37          | 273.502                |
| 9           | 496.98                  | 1615.44          | 306.479                |
| 10          | 517.088                 | 1615.5           | 338.338                |
| 11          | 615.32                  | 1615.57          | 375.748                |
| 12          | 730.332                 | 1615.66          | 426.092                |
| 13          | 980.797                 | 1615.79          | 502.021                |
| 14          | 971.628                 | 1615.93          | 588.762                |
| 15          | 962.459                 | 1616.05          | 660.415                |
| 16          | 962.459                 | 1616.14          | 719.143                |
| 17          | 928.119                 | 1616.2           | 763.834                |
| 18          | 1104.579                | 1616.28          | 815.183                |
| 19          | 1260.453                | 1616.39          | 891.071                |
| 20          | 1457.051                | 1616.52          | 990.04                 |
| 21          | 1685.798                | 1616.69          | 1116.394               |
| 22          | 1746.349                | 1616.86          | 1249.666               |
| 23          | 1827.084                | 1617.01          | 1371.961               |
| 24          | 1858.48                 | 1617.14          | 1481.075               |
| 25          | 1889.877                | 1617.24          | 1573.648               |
| 26          | 1921.274                | 1617.34          | 1652.782               |
| 27          | 1921.274                | 1617.41          | 1717.276               |
| 28          | 1921.274                | 1617.46          | 1766.623               |
| 29          | 2183.988                | 1617.54          | 1837.556               |
| 30          | 2522.951                | 1617.68          | 1966.328               |
| 31          | 2347.746                | 1617.8           | 2082.627               |
| 32          | 2193.565                | 1617.85          | 2129.135               |
| 33          | 2193.565                | 1617.87          | 2145.417               |
| 34          | 2193.565                | 1617.88          | 2157.627               |
| 35          | 2116.942                | 1617.88          | 2156.687               |
| 36          | 2040.319                | 1617.86          | 2136.51                |
| 37          | 1975.096                | 1617.83          | 2103.682               |
| 38          | 1921.274                | 1617.78          | 2064.305               |
| 39          | 1867.451                | 1617.74          | 2021.497               |
| 40          | 1813.628                | 1617.69          | 1976.134               |
| 41          | 1773.26                 | 1617.64          | 1930.664               |
| 42          | 1732.893                | 1617.59          | 1886.671               |
| 43          | 1683.107                | 1617.55          | 1842.571               |
| 44          | 1633.321                | 1617.5           | 1797.272               |
| 45          | 1583.535                | 1617.45          | 1751.145               |
| 46          | 1533.748                | 1617.39          | 1704.442               |
| 47          | 1483.962                | 1617.34          | 1657.3                 |
| 48          | 1434.176                | 1617.29          | 1609.748               |
| 49          | 1384.39                 | 1617.23          | 1562.027               |
| 50          | 1334.603                | 1617.18          | 1514.161               |
| 51          | 1298.963                | 1617.12          | 1467.827               |
| 52          | 1265.038                | 1617.07          | 1424.533               |
| 53          | 1232.946                | 1617.02          | 1383.902               |
| 54          | 1200.854                | 1616.97          | 1345.471               |
| 55          | 1168.763                | 1616.93          | 1308.796               |
| 56          | 1136.671                | 1616.89          | 1273.346               |
| 57          | 1104.579                | 1616.84          | 1238.907               |
| 58          | 1072.488                | 1616.8           | 1205.17                |
| 59          | 1679.07                 | 1616.85          | 1245.75                |
| 60          | 1436.867                | 1616.94          | 1315.366               |
| 61          | 1237.531                | 1616.94          | 1319.553               |
| 62          | 1253.576                | 1616.92          | 1302.832               |

|                                |          |
|--------------------------------|----------|
| VOLUMEN TOTAL DE ENTRADA (Mm3) | 2357.702 |
| VOLUMEN TOTAL DE SALIDA (Mm3)  | 2349.821 |
| GASTO MÁXIMO DE ENTRADA (m3/s) | 5700     |
| GASTO MÁXIMO DE SALIDA (m3/s)  | 5332.2   |

|     |          |         |          |
|-----|----------|---------|----------|
| 63  | 1269.622 | 1616.91 | 1293.606 |
| 64  | 1285.668 | 1616.91 | 1290.04  |
| 65  | 1301.714 | 1616.91 | 1290.931 |
| 66  | 1265.038 | 1616.91 | 1289.051 |
| 67  | 1228.361 | 1616.89 | 1279.364 |
| 68  | 1191.685 | 1616.87 | 1263.601 |
| 69  | 1155.009 | 1616.85 | 1243.207 |
| 70  | 1118.333 | 1616.82 | 1219.23  |
| 71  | 1097.703 | 1616.79 | 1194.348 |
| 72  | 1077.072 | 1616.76 | 1170.596 |
| 73  | 1056.442 | 1616.73 | 1147.574 |
| 74  | 1035.811 | 1616.7  | 1125.179 |
| 75  | 1015.181 | 1616.67 | 1103.306 |
| 76  | 994.551  | 1616.64 | 1081.765 |
| 77  | 973.92   | 1616.61 | 1060.55  |
| 78  | 939.565  | 1616.58 | 1038.003 |
| 79  | 888.055  | 1616.55 | 1011.233 |
| 80  | 836.545  | 1616.51 | 979.364  |
| 81  | 785.035  | 1616.46 | 943.553  |
| 82  | 733.525  | 1616.4  | 904.845  |
| 83  | 756.418  | 1616.36 | 871.802  |
| 84  | 1127.502 | 1616.38 | 887.573  |
| 85  | 1028.935 | 1616.43 | 926.923  |
| 86  | 882.332  | 1616.44 | 932.426  |
| 87  | 842.268  | 1616.42 | 917.629  |
| 88  | 802.205  | 1616.39 | 897.642  |
| 89  | 910.949  | 1616.38 | 889.496  |
| 90  | 985.382  | 1616.4  | 901.944  |
| 91  | 1028.935 | 1616.43 | 923.999  |
| 92  | 1072.488 | 1616.47 | 950.787  |
| 93  | 1077.072 | 1616.5  | 977.017  |
| 94  | 1081.657 | 1616.53 | 998.754  |
| 95  | 1090.826 | 1616.56 | 1017.446 |
| 96  | 1099.995 | 1616.58 | 1034.23  |
| 97  | 1136.671 | 1616.6  | 1052.492 |
| 98  | 1173.347 | 1616.63 | 1074.771 |
| 99  | 1210.024 | 1616.67 | 1100.301 |
| 100 | 1164.178 | 1616.69 | 1119.131 |
| 101 | 1118.333 | 1616.7  | 1123.855 |
| 102 | 1072.488 | 1616.69 | 1117.432 |
| 103 | 1126.192 | 1616.68 | 1113.659 |
| 104 | 1179.896 | 1616.7  | 1122.531 |
| 105 | 1233.601 | 1616.72 | 1141.201 |
| 106 | 1287.306 | 1616.75 | 1167.722 |
| 107 | 1346.521 | 1616.8  | 1201.011 |
| 108 | 1425.334 | 1616.85 | 1242.62  |
| 109 | 1504.146 | 1616.91 | 1293.011 |
| 110 | 1463.778 | 1616.96 | 1336.246 |
| 111 | 1423.411 | 1616.99 | 1360.659 |
| 112 | 1645.431 | 1617.04 | 1401.471 |
| 113 | 1867.451 | 1617.14 | 1484.809 |
| 114 | 2522.951 | 1617.34 | 1655.686 |
| 115 | 2464.549 | 1617.56 | 1858.648 |
| 116 | 2406.147 | 1617.72 | 2000.949 |
| 117 | 2686.475 | 1617.86 | 2139.204 |
| 118 | 3022.869 | 1618.05 | 2323.129 |
| 119 | 3349.918 | 1618.28 | 2548.598 |
| 120 | 3723.688 | 1618.53 | 2811.672 |
| 121 | 3648.934 | 1618.75 | 3046.236 |
| 122 | 3574.18  | 1618.89 | 3199.489 |
| 123 | 3499.426 | 1618.98 | 3291.311 |
| 124 | 4022.705 | 1619.09 | 3423.665 |
| 125 | 4157.262 | 1619.26 | 3609.376 |
| 126 | 4291.82  | 1619.41 | 3782.449 |
| 127 | 4426.377 | 1619.55 | 3945.981 |
| 128 | 4560.935 | 1619.68 | 4102.338 |

|     |          |         |          |
|-----|----------|---------|----------|
| 129 | 4695.492 | 1619.81 | 4253.339 |
| 130 | 4882.377 | 1619.93 | 4408.385 |
| 131 | 5139.344 | 1620.08 | 4584.14  |
| 132 | 5419.672 | 1620.24 | 4788.051 |
| 133 | 5700     | 1620.42 | 5015.432 |
| 134 | 5587.869 | 1620.56 | 5199.284 |
| 135 | 5475.738 | 1620.64 | 5296.473 |
| 136 | 5363.606 | 1620.67 | 5332.179 |
| 137 | 5290.021 | 1620.66 | 5330.114 |
| 138 | 5216.435 | 1620.65 | 5306.938 |
| 139 | 5142.848 | 1620.62 | 5268.915 |
| 140 | 5069.262 | 1620.58 | 5220.409 |
| 141 | 4957.131 | 1620.53 | 5158.692 |
| 142 | 4845     | 1620.47 | 5082.202 |
| 143 | 4795.165 | 1620.41 | 5005.006 |
| 144 | 4745.327 | 1620.36 | 4935.944 |
| 145 | 4695.492 | 1620.31 | 4872.598 |
| 146 | 4483.688 | 1620.24 | 4788.664 |
| 147 | 4271.886 | 1620.14 | 4667.781 |
| 148 | 4060.082 | 1620.03 | 4520.989 |
| 149 | 4072.54  | 1619.92 | 4389.908 |
| 150 | 4085.001 | 1619.85 | 4300.575 |
| 151 | 4097.459 | 1619.8  | 4240.674 |
| 152 | 4109.917 | 1619.76 | 4201.581 |
| 153 | 4122.378 | 1619.74 | 4177.245 |
| 154 | 4134.836 | 1619.73 | 4163.486 |
| 155 | 4165.983 | 1619.73 | 4159.975 |
| 156 | 4197.132 | 1619.73 | 4166.266 |
| 157 | 4228.279 | 1619.75 | 4179.735 |
| 158 | 4259.425 | 1619.76 | 4198.206 |
| 159 | 4290.575 | 1619.78 | 4220.377 |
| 160 | 4321.721 | 1619.8  | 4245.091 |
| 161 | 4396.476 | 1619.83 | 4278.264 |
| 162 | 4471.229 | 1619.86 | 4323.37  |
| 163 | 4321.721 | 1619.88 | 4343.385 |
| 164 | 4222.048 | 1619.86 | 4322.185 |
| 165 | 4122.378 | 1619.83 | 4278.56  |
| 166 | 4022.705 | 1619.78 | 4218.908 |
| 167 | 3923.032 | 1619.72 | 4147.988 |
| 168 | 3823.361 | 1619.65 | 4069.047 |
| 169 | 3723.688 | 1619.58 | 3984.556 |
| 170 | 3624.016 | 1619.51 | 3896.078 |
| 171 | 3524.345 | 1619.43 | 3804.716 |
| 172 | 3424.672 | 1619.35 | 3711.403 |
| 173 | 3281.394 | 1619.26 | 3610.353 |
| 174 | 3151.093 | 1619.16 | 3500.014 |
| 175 | 3037.663 | 1619.06 | 3387.272 |
| 176 | 2924.236 | 1618.96 | 3274.957 |
| 177 | 2810.805 | 1618.86 | 3162.976 |
| 178 | 2709.836 | 1618.76 | 3053.094 |
| 179 | 2951.853 | 1618.7  | 2994.445 |
| 180 | 3207.885 | 1618.73 | 3018.989 |
| 181 | 3529.328 | 1618.82 | 3115.44  |
| 182 | 3850.771 | 1618.96 | 3274.011 |
| 183 | 4172.213 | 1619.14 | 3479.049 |
| 184 | 4041.394 | 1619.3  | 3652.986 |
| 185 | 4382.459 | 1619.43 | 3811.816 |
| 186 | 4723.524 | 1619.61 | 4023.4   |
| 187 | 5064.59  | 1619.82 | 4273.983 |
| 188 | 5447.705 | 1620.06 | 4559.539 |
| 189 | 5195.41  | 1620.23 | 4779.317 |
| 190 | 4957.131 | 1620.3  | 4864.429 |
| 191 | 4869.919 | 1620.31 | 4878.149 |
| 192 | 4782.704 | 1620.3  | 4862.426 |
| 193 | 4695.492 | 1620.27 | 4825.959 |
| 194 | 4732.869 | 1620.24 | 4793.57  |

|     |          |         |          |
|-----|----------|---------|----------|
| 195 | 4770.246 | 1620.24 | 4781.615 |
| 196 | 4807.623 | 1620.24 | 4784.066 |
| 197 | 4633.196 | 1620.22 | 4764.466 |
| 198 | 4458.771 | 1620.17 | 4699.732 |
| 199 | 4284.344 | 1620.09 | 4603.339 |
| 200 | 4109.917 | 1620    | 4484.649 |
| 201 | 3935.493 | 1619.89 | 4350.36  |
| 202 | 3761.066 | 1619.77 | 4205.25  |
| 203 | 3667.623 | 1619.65 | 4064.692 |
| 204 | 3574.18  | 1619.54 | 3938.224 |
| 205 | 3480.738 | 1619.44 | 3821.764 |
| 206 | 3387.295 | 1619.35 | 3712.389 |
| 207 | 3293.853 | 1619.26 | 3607.981 |
| 208 | 3200.41  | 1619.17 | 3507.058 |
| 209 | 3057.391 | 1619.07 | 3401.622 |
| 210 | 2914.373 | 1618.97 | 3286.442 |
| 211 | 2771.352 | 1618.86 | 3164.445 |
| 212 | 2655.329 | 1618.75 | 3041.36  |
| 213 | 2542.417 | 1618.64 | 2921.603 |
| 214 | 2429.508 | 1618.52 | 2804.487 |
| 215 | 2328.279 | 1618.42 | 2691.003 |
| 216 | 2238.262 | 1618.31 | 2583.208 |
| 217 | 2155.254 | 1618.21 | 2481.816 |
| 218 | 2072.246 | 1618.12 | 2386.038 |
| 219 | 1993.037 | 1618.02 | 2294.763 |
| 220 | 1934.729 | 1617.94 | 2210.011 |
| 221 | 1896.044 | 1617.86 | 2135.221 |
| 222 | 1857.359 | 1617.79 | 2069.982 |
| 223 | 1818.674 | 1617.73 | 2011.846 |
| 224 | 1779.988 | 1617.67 | 1958.814 |
| 225 | 1741.303 | 1617.62 | 1909.64  |
| 226 | 1702.618 | 1617.57 | 1863.346 |
| 227 | 1663.932 | 1617.52 | 1819.097 |
| 228 | 1625.247 | 1617.47 | 1776.416 |
| 229 | 1586.562 | 1617.43 | 1734.948 |
| 230 | 1547.877 | 1617.38 | 1694.349 |
| 231 | 1509.192 | 1617.34 | 1654.395 |
| 232 | 1470.507 | 1617.29 | 1614.974 |
| 233 | 1435.185 | 1617.25 | 1576.293 |
| 234 | 1399.864 | 1617.2  | 1538.662 |
| 235 | 1364.542 | 1617.16 | 1501.751 |
| 236 | 1329.221 | 1617.12 | 1465.451 |
| 237 | 1305.152 | 1617.08 | 1430.881 |
| 238 | 1281.084 | 1617.04 | 1398.927 |
| 239 | 1257.015 | 1617    | 1368.931 |
| 240 | 1232.946 | 1616.97 | 1340.455 |
| 241 | 1208.877 | 1616.94 | 1313.175 |
| 242 | 1184.809 | 1616.9  | 1286.676 |
| 243 | 1160.74  | 1616.87 | 1260.849 |
| 244 | 1136.671 | 1616.84 | 1235.587 |
| 245 | 1116.805 | 1616.81 | 1211.175 |
| 246 | 1096.938 | 1616.78 | 1187.889 |
| 247 | 1077.072 | 1616.75 | 1165.424 |
| 248 | 1057.206 | 1616.72 | 1143.673 |
| 249 | 1037.339 | 1616.7  | 1122.437 |
| 250 | 1017.473 | 1616.67 | 1101.615 |
| 251 | 1003.392 | 1616.64 | 1081.765 |
| 252 | 989.311  | 1616.62 | 1063.241 |
| 253 | 975.23   | 1616.59 | 1045.747 |
| 254 | 959.188  | 1616.57 | 1028.809 |
| 255 | 924.031  | 1616.55 | 1010.047 |
| 256 | 888.873  | 1616.52 | 987.866  |
| 257 | 853.715  | 1616.48 | 963.064  |
| 258 | 818.557  | 1616.45 | 936.249  |
| 259 | 783.399  | 1616.41 | 907.837  |
| 260 | 748.242  | 1616.37 | 878.238  |

|     |         |         |         |
|-----|---------|---------|---------|
| 261 | 724.973 | 1616.33 | 849.054 |
| 262 | 710.264 | 1616.29 | 822.159 |
| 263 | 695.555 | 1616.25 | 798     |
| 264 | 680.846 | 1616.22 | 775.919 |
| 265 | 665.282 | 1616.19 | 755.37  |
| 266 | 649.718 | 1616.16 | 735.909 |
| 267 | 634.592 | 1616.13 | 717.432 |
| 268 | 620.926 | 1616.11 | 699.839 |
| 269 | 608.312 | 1616.08 | 683.193 |
| 270 | 595.697 | 1616.06 | 667.476 |
| 271 | 583.082 | 1616.04 | 652.433 |
| 272 | 570.467 | 1616.01 | 637.896 |
| 273 | 557.853 | 1615.99 | 623.857 |
| 274 | 546.336 | 1615.97 | 610.309 |
| 275 | 539.024 | 1615.95 | 597.549 |
| 276 | 531.712 | 1615.93 | 585.944 |
| 277 | 524.4   | 1615.91 | 575.172 |
| 278 | 517.088 | 1615.9  | 565.067 |
| 279 | 509.776 | 1615.88 | 555.546 |
| 280 | 502.464 | 1615.87 | 546.451 |
| 281 | 496.98  | 1615.85 | 537.923 |
| 282 | 491.496 | 1615.84 | 529.956 |
| 283 | 486.012 | 1615.83 | 522.467 |
| 284 | 480.528 | 1615.81 | 515.378 |
| 285 | 475.325 | 1615.8  | 508.613 |
| 286 | 470.121 | 1615.79 | 502.166 |
| 287 | 463.183 | 1615.78 | 495.819 |
| 288 | 456.245 | 1615.77 | 489.355 |
| 289 | 449.307 | 1615.76 | 482.848 |
| 290 | 442.369 | 1615.75 | 476.299 |
| 291 | 435.431 | 1615.74 | 469.71  |
| 292 | 428.493 | 1615.73 | 463.081 |
| 293 | 422.711 | 1615.71 | 456.483 |
| 294 | 416.929 | 1615.7  | 450.057 |
| 295 | 411.148 | 1615.69 | 443.799 |
| 296 | 406.281 | 1615.68 | 437.709 |
| 297 | 401.414 | 1615.67 | 431.853 |
| 298 | 396.547 | 1615.66 | 426.229 |
| 299 | 394.114 | 1615.65 | 420.902 |
| 300 | 391.68  | 1615.64 | 416.14  |
| 301 | 389.247 | 1615.64 | 411.803 |
| 302 | 386.813 | 1615.63 | 407.75  |
| 303 | 384.38  | 1615.62 | 403.98  |
| 304 | 381.947 | 1615.61 | 400.489 |
| 305 | 378.54  | 1615.61 | 397.075 |
| 306 | 375.133 | 1615.6  | 393.671 |
| 307 | 371.726 | 1615.6  | 390.277 |
| 308 | 368.32  | 1615.59 | 386.893 |
| 309 | 364.913 | 1615.58 | 383.518 |
| 310 | 361.506 | 1615.58 | 380.154 |
| 311 | 357.126 | 1615.57 | 376.667 |
| 312 | 352.746 | 1615.56 | 373.061 |
| 313 | 348.716 | 1615.56 | 369.401 |
| 314 | 344.686 | 1615.55 | 365.623 |
| 315 | 340.657 | 1615.54 | 361.858 |
| 316 | 336.627 | 1615.54 | 358.041 |
| 317 | 332.597 | 1615.53 | 354.238 |
| 318 | 328.568 | 1615.52 | 350.385 |
| 319 | 324.538 | 1615.51 | 346.481 |
| 320 | 320.508 | 1615.51 | 342.592 |
| 321 | 316.478 | 1615.5  | 338.718 |
| 322 | 312.449 | 1615.49 | 334.796 |
| 323 | 309.762 | 1615.48 | 331.014 |
| 324 | 307.076 | 1615.48 | 327.435 |
| 325 | 304.389 | 1615.47 | 323.993 |
| 326 | 301.703 | 1615.46 | 320.689 |

|     |         |         |         |
|-----|---------|---------|---------|
| 327 | 299.016 | 1615.46 | 317.457 |
| 328 | 296.447 | 1615.45 | 314.361 |
| 329 | 293.02  | 1615.45 | 311.274 |
| 330 | 289.594 | 1615.44 | 308.136 |
| 331 | 286.168 | 1615.43 | 304.948 |
| 332 | 282.742 | 1615.43 | 301.771 |
| 333 | 279.315 | 1615.42 | 298.543 |
| 334 | 275.889 | 1615.41 | 295.267 |
| 335 | 272.891 | 1615.41 | 292.064 |
| 336 | 269.893 | 1615.4  | 288.872 |
| 337 | 266.895 | 1615.39 | 285.692 |
| 338 | 263.897 | 1615.39 | 282.583 |
| 339 | 260.9   | 1615.38 | 279.485 |
| 340 | 257.902 | 1615.37 | 276.399 |
| 341 | 254.475 | 1615.37 | 273.325 |
| 342 | 251.049 | 1615.36 | 270.203 |
| 343 | 247.623 | 1615.36 | 267.034 |
| 344 | 244.664 | 1615.35 | 263.878 |
| 345 | 241.705 | 1615.34 | 260.793 |
| 346 | 238.746 | 1615.34 | 257.72  |
| 347 | 237.821 | 1615.33 | 254.832 |
| 348 | 236.896 | 1615.32 | 252.242 |
| 349 | 235.972 | 1615.32 | 249.89  |
| 350 | 235.047 | 1615.31 | 247.773 |
| 351 | 234.122 | 1615.31 | 245.834 |
| 352 | 233.198 | 1615.31 | 244.07  |
| 353 | 232.273 | 1615.3  | 242.424 |
| 354 | 231.348 | 1615.3  | 240.894 |
| 355 | 230.423 | 1615.3  | 239.425 |
| 356 | 229.499 | 1615.29 | 238.071 |
| 357 | 228.574 | 1615.29 | 236.776 |
| 358 | 227.65  | 1615.29 | 235.539 |
| 359 | 226.91  | 1615.29 | 234.361 |
| 360 | 226.91  | 1615.28 | 233.296 |