

WATER YEAR 2022
SOUTHERN PENINSULA EAST COAST

Trang River at Ban Tha Pradu, Trang (X.56)

Location Lat. 07° - 46' - 15" N., Long. 99° - 32' - 14" E., Ban Tha Pradu, Amphoe Huai Yot, Trang
 Drainage Area 1422.39 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH-49
 Period of Available Records 1985 - Cont' d
 Actual Measurement 1985 - 1987, 2007 - Cont' d
 Using Rating Curve Water Year 2022
 Number of observation 19
 R - Square 0.7721
 Remarks Continued Sediment Station

QS =0.3456 QW^{1.7667}

Water Year - 2022

Suspended Sediment, in Tons per Day, Water Year April 1, 2022 to March 31, 2023

| Date | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Annual |
|-------|----------|----------|----------|----------|---------|---------|----------|----------|----------|---------|---------|--------|-----------|
| 1 | 239.04 | 466.06 | 405.20 | 148.21 | 421.07 | 166.47 | 861.89 | 329.88 | 355.48 | 211.61 | 109.99 | 25.85 | 3740.74 |
| 2 | 704.97 | 301.65 | 248.50 | 128.48 | 453.59 | 248.50 | 745.47 | 322.72 | 374.27 | 188.45 | 93.10 | 32.11 | 3841.81 |
| 3 | 1165.69 | 872.84 | 205.71 | 135.74 | 453.59 | 389.60 | 466.06 | 261.37 | 589.39 | 169.15 | 91.38 | 28.91 | 4829.42 |
| 4 | 1080.00 | 680.15 | 158.53 | 119.08 | 441.27 | 294.76 | 366.70 | 194.13 | 951.13 | 153.33 | 150.76 | 37.76 | 4627.61 |
| 5 | 655.72 | 543.90 | 174.57 | 359.20 | 393.48 | 337.11 | 232.82 | 163.80 | 1755.54 | 161.16 | 202.79 | 41.34 | 5021.43 |
| 6 | 974.03 | 622.17 | 239.04 | 470.24 | 277.85 | 229.73 | 715.00 | 163.80 | 2589.21 | 166.47 | 130.88 | 29.96 | 6608.38 |
| 7 | 1677.05 | 1215.93 | 267.91 | 495.71 | 308.60 | 182.84 | 2381.83 | 188.45 | 2348.00 | 150.76 | 89.67 | 24.87 | 9331.62 |
| 8 | 1866.01 | 1050.09 | 491.42 | 337.11 | 251.69 | 182.84 | 3516.07 | 223.62 | 1696.53 | 145.68 | 71.79 | 22.95 | 9855.79 |
| 9 | 1487.67 | 829.42 | 315.62 | 202.79 | 188.45 | 229.73 | 3399.71 | 180.07 | 1196.98 | 143.17 | 62.77 | 19.31 | 8255.69 |
| 10 | 808.07 | 1735.77 | 322.72 | 254.90 | 174.57 | 158.53 | 1845.70 | 145.68 | 1073.99 | 123.74 | 55.66 | 18.45 | 6717.79 |
| 11 | 453.59 | 1706.30 | 808.07 | 274.51 | 143.17 | 153.33 | 1469.28 | 130.88 | 861.89 | 143.17 | 50.24 | 18.45 | 6212.88 |
| 12 | 355.48 | 1343.31 | 867.36 | 294.76 | 119.08 | 123.74 | 1343.31 | 226.67 | 665.45 | 171.85 | 45.06 | 17.60 | 5573.66 |
| 13 | 535.00 | 1020.54 | 1153.28 | 530.57 | 103.38 | 188.45 | 685.08 | 226.67 | 878.33 | 281.19 | 42.57 | 17.60 | 5662.65 |
| 14 | 1104.20 | 851.01 | 797.48 | 445.36 | 93.10 | 517.38 | 433.14 | 185.64 | 922.83 | 185.64 | 38.94 | 16.77 | 5591.48 |
| 15 | 1308.22 | 725.10 | 856.44 | 508.66 | 239.04 | 337.11 | 433.14 | 543.90 | 704.97 | 163.80 | 36.60 | 15.16 | 5872.14 |
| 16 | 1147.09 | 690.03 | 1050.09 | 594.03 | 315.62 | 205.71 | 508.66 | 1056.04 | 665.45 | 155.92 | 33.20 | 13.62 | 6435.47 |
| 17 | 781.72 | 548.38 | 675.23 | 690.03 | 232.82 | 166.47 | 872.84 | 1325.72 | 598.68 | 99.07 | 31.02 | 12.87 | 6034.85 |
| 18 | 575.58 | 421.07 | 344.40 | 526.15 | 197.00 | 126.10 | 1441.87 | 962.55 | 1203.28 | 82.97 | 26.85 | 12.15 | 5919.98 |
| 19 | 401.28 | 389.60 | 251.69 | 378.08 | 171.85 | 101.21 | 2554.12 | 571.01 | 4601.01 | 79.70 | 27.87 | 12.15 | 9539.58 |
| 20 | 333.48 | 287.94 | 208.65 | 264.63 | 121.40 | 86.29 | 3399.71 | 413.10 | 5906.40 | 79.70 | 25.85 | 10.75 | 11137.91 |
| 21 | 277.85 | 245.33 | 229.73 | 433.14 | 109.99 | 81.33 | 3449.37 | 319.16 | 5818.61 | 81.33 | 25.85 | 10.75 | 11082.43 |
| 22 | 223.62 | 258.12 | 322.72 | 612.73 | 143.17 | 81.33 | 2926.61 | 437.20 | 5180.44 | 76.49 | 31.02 | 10.09 | 10303.54 |
| 23 | 185.64 | 248.50 | 429.10 | 504.33 | 177.31 | 101.21 | 1815.43 | 928.46 | 3399.71 | 71.79 | 37.76 | 10.09 | 7909.33 |
| 24 | 143.17 | 188.45 | 433.14 | 491.42 | 158.53 | 89.67 | 1014.68 | 2671.88 | 1469.28 | 70.25 | 31.02 | 10.09 | 6771.57 |
| 25 | 109.99 | 155.92 | 437.20 | 397.37 | 143.17 | 91.38 | 750.61 | 4322.53 | 730.17 | 76.49 | 25.85 | 8.19 | 7248.87 |
| 26 | 93.10 | 135.74 | 305.11 | 543.90 | 294.76 | 81.33 | 594.03 | 3617.15 | 517.38 | 245.33 | 22.95 | 7.02 | 6457.80 |
| 27 | 107.77 | 121.40 | 251.69 | 906.03 | 409.14 | 79.70 | 745.47 | 1648.02 | 417.08 | 409.14 | 23.90 | 6.47 | 5125.82 |
| 28 | 114.50 | 107.77 | 223.62 | 1524.76 | 232.82 | 79.70 | 704.97 | 985.57 | 351.77 | 220.59 | 24.87 | 5.42 | 4576.34 |
| 29 | 116.78 | 171.85 | 284.56 | 1619.20 | 145.68 | 138.20 | 445.36 | 956.83 | 298.19 | 150.76 | | 4.45 | 4331.87 |
| 30 | 397.37 | 755.75 | 217.58 | 1080.00 | 119.08 | 344.40 | 340.75 | 594.03 | 264.63 | 130.88 | | 4.45 | 4248.93 |
| 31 | | 709.98 | | 655.72 | 135.74 | | 277.85 | | 235.92 | 121.40 | | 4.00 | 2140.60 |
| Total | 19423.65 | 19400.08 | 12976.37 | 15926.86 | 7170.00 | 5594.16 | 40737.54 | 24296.52 | 48621.97 | 4710.99 | 1640.22 | 509.63 | 201007.99 |
| Mean | 647.46 | 625.81 | 432.55 | 513.77 | 231.29 | 186.47 | 1314.11 | 809.88 | 1568.45 | 151.97 | 58.58 | 16.44 | 6556.78 |
| Max | 1866.01 | 1735.77 | 1153.28 | 1619.20 | 453.59 | 517.38 | 3516.07 | 4322.53 | 5906.40 | 409.14 | 202.79 | 41.34 | 5906.40 |
| Min | 93.10 | 107.77 | 158.53 | 119.08 | 93.10 | 79.70 | 232.82 | 130.88 | 235.92 | 70.25 | 22.95 | 4.00 | 4.00 |

Stop - Program terminated.