

WATER YEAR 2023
SOUTHERN PENINSULA EAST COAST

Sai buri River Ban Sa-kor, Sri Sakhon, Narathiwat (X.184)

Location Lat06° - 13' - 39.4" N., Long.101° - 29' - 49.4" E., Sri Sakhon, Narathiwat
 Drainage Area 1240.89 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH - 48
 Period of Available Records 2021 - Cont' d
 Actual Measurement 2021 - Cont' d
 Using Rating Curve Water Year 2023
 Number of observation 31
 R - Square 0.7318
 Remarks Continued Sediment Station

QS = 4.3769QW1.0587

Water Year - 2023

Suspended Sediment, in Tons per Day, Water Year April 1, 2023 to March 31, 2024

| Date | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Annual |
|-------|---------|---------|---------|---------|---------|---------|----------|----------|-----------|----------|----------|---------|-----------|
| 1 | 171.66 | 104.37 | 82.41 | 263.69 | 98.85 | 109.90 | 160.32 | 446.87 | 1801.59 | 1970.23 | 873.58 | 440.89 | 6524.36 |
| 2 | 160.32 | 109.90 | 66.15 | 200.18 | 87.87 | 109.90 | 211.65 | 720.23 | 4623.23 | 1651.84 | 800.41 | 440.89 | 9182.57 |
| 3 | 171.66 | 115.45 | 149.03 | 171.66 | 76.97 | 93.35 | 252.07 | 832.61 | 1978.68 | 1463.80 | 744.85 | 440.89 | 6491.02 |
| 4 | 160.32 | 228.93 | 416.99 | 149.03 | 76.97 | 121.01 | 183.04 | 549.28 | 1407.58 | 1330.47 | 701.80 | 440.89 | 5766.30 |
| 5 | 269.51 | 217.40 | 500.95 | 143.40 | 171.66 | 246.28 | 434.90 | 519.04 | 1449.73 | 1211.80 | 658.89 | 434.90 | 6258.48 |
| 6 | 351.66 | 160.32 | 205.91 | 126.59 | 234.70 | 205.91 | 701.80 | 428.93 | 1309.49 | 1142.30 | 622.23 | 416.99 | 5906.83 |
| 7 | 160.32 | 211.65 | 132.18 | 121.01 | 171.66 | 126.59 | 707.94 | 411.02 | 1079.94 | 1684.05 | 591.78 | 399.11 | 5797.26 |
| 8 | 160.32 | 143.40 | 115.45 | 513.01 | 171.66 | 98.85 | 399.11 | 440.89 | 990.22 | 1742.76 | 561.41 | 375.35 | 5712.43 |
| 9 | 137.78 | 143.40 | 171.66 | 381.28 | 154.67 | 149.03 | 482.88 | 405.06 | 859.91 | 1253.62 | 537.18 | 351.66 | 5028.14 |
| 10 | 109.90 | 269.51 | 351.66 | 714.08 | 616.13 | 115.45 | 363.49 | 339.86 | 775.69 | 1295.51 | 506.97 | 328.07 | 5786.34 |
| 11 | 104.37 | 149.03 | 369.42 | 640.55 | 298.71 | 93.35 | 769.52 | 345.76 | 720.23 | 1038.48 | 488.90 | 304.57 | 5322.88 |
| 12 | 104.37 | 132.18 | 387.22 | 513.01 | 171.66 | 132.18 | 519.04 | 482.88 | 707.94 | 942.09 | 470.86 | 287.01 | 4850.45 |
| 13 | 104.37 | 109.90 | 333.96 | 555.34 | 149.03 | 369.42 | 628.33 | 458.86 | 866.74 | 873.58 | 458.86 | 269.51 | 5177.90 |
| 14 | 104.37 | 109.90 | 422.95 | 328.07 | 137.78 | 200.18 | 640.55 | 357.58 | 6195.59 | 812.79 | 525.08 | 246.28 | 10081.12 |
| 15 | 104.37 | 143.40 | 316.31 | 252.07 | 126.59 | 205.91 | 519.04 | 369.42 | 5308.98 | 788.04 | 561.41 | 223.16 | 8918.71 |
| 16 | 104.37 | 292.86 | 339.86 | 217.40 | 104.37 | 149.03 | 393.16 | 775.69 | 3907.97 | 859.91 | 464.86 | 211.65 | 7821.13 |
| 17 | 104.37 | 194.46 | 217.40 | 194.46 | 93.35 | 188.74 | 434.90 | 494.92 | 2131.19 | 853.08 | 446.87 | 200.18 | 5553.93 |
| 18 | 104.37 | 171.66 | 452.86 | 177.34 | 93.35 | 351.66 | 339.86 | 458.86 | 1605.52 | 757.18 | 446.87 | 188.74 | 5148.28 |
| 19 | 104.37 | 154.67 | 246.28 | 188.74 | 76.97 | 171.66 | 628.33 | 744.85 | 1365.49 | 714.08 | 446.87 | 171.66 | 5013.98 |
| 20 | 154.67 | 137.78 | 177.34 | 188.74 | 71.54 | 165.99 | 1197.88 | 1260.59 | 1274.55 | 658.89 | 446.87 | 160.32 | 5895.19 |
| 21 | 104.37 | 115.45 | 160.32 | 149.03 | 66.15 | 160.32 | 1003.99 | 1995.60 | 1183.97 | 622.23 | 446.87 | 154.67 | 6162.98 |
| 22 | 104.37 | 109.90 | 304.57 | 149.03 | 121.01 | 132.18 | 1428.65 | 2541.40 | 1114.56 | 689.52 | 446.87 | 143.40 | 7285.46 |
| 23 | 104.37 | 104.37 | 610.04 | 154.67 | 275.34 | 137.78 | 763.35 | 1961.78 | 1330.47 | 983.34 | 446.87 | 132.18 | 7004.55 |
| 24 | 104.37 | 82.41 | 310.44 | 132.18 | 269.51 | 194.46 | 567.47 | 1449.73 | 8878.79 | 1073.02 | 446.87 | 126.59 | 13635.84 |
| 25 | 104.37 | 76.97 | 269.51 | 121.01 | 351.66 | 126.59 | 494.92 | 1386.52 | 22330.42 | 3651.13 | 440.89 | 121.01 | 29475.00 |
| 26 | 104.37 | 76.97 | 333.96 | 109.90 | 405.06 | 104.37 | 567.47 | 1520.78 | 13626.30 | 3454.29 | 440.89 | 115.45 | 20859.81 |
| 27 | 104.37 | 55.42 | 452.86 | 121.01 | 328.07 | 109.90 | 726.38 | 1260.59 | 4516.95 | 2224.69 | 440.89 | 60.77 | 10401.91 |
| 28 | 104.37 | 50.10 | 363.49 | 104.37 | 228.93 | 177.34 | 500.95 | 1073.02 | 3026.53 | 1414.60 | 440.89 | 39.56 | 7524.15 |
| 29 | 104.37 | 50.10 | 310.44 | 93.35 | 171.66 | 171.66 | 513.01 | 1017.78 | 3122.50 | 1190.93 | 440.89 | 39.56 | 7226.24 |
| 30 | 104.37 | 50.10 | 298.71 | 87.87 | 160.32 | 310.44 | 579.62 | 1358.48 | 3250.71 | 1086.86 | | 39.56 | 7327.04 |
| 31 | | 50.10 | | 109.90 | 126.59 | | 452.86 | | 2760.85 | 990.22 | | 39.56 | 4530.08 |
| Total | 3991.13 | 4122.07 | 8870.34 | 7371.99 | 5688.80 | 5029.44 | 17566.51 | 26408.90 | 105502.31 | 40425.31 | 15348.48 | 7345.04 | 247670.34 |
| Mean | 133.04 | 132.97 | 295.68 | 237.81 | 183.51 | 167.65 | 566.66 | 880.30 | 3403.30 | 1304.04 | 529.26 | 236.94 | 8071.15 |
| Max | 351.66 | 292.86 | 610.04 | 714.08 | 616.13 | 369.42 | 1428.65 | 2541.40 | 22330.42 | 3651.13 | 873.58 | 440.89 | 22330.42 |
| Min | 104.37 | 50.10 | 66.15 | 87.87 | 66.15 | 93.35 | 160.32 | 339.86 | 707.94 | 622.23 | 440.89 | 39.56 | 39.56 |

Stop - Program terminated.