

WATER YEAR 2022

THALE SAP SONGKHLA BASIN

Khlong Tha Nae at Ban Kao Pu A. Sri Ban Phot , Phatthalung (X.276)

Location Lat 07° - 42' - 25" N Long 99° - 50' - 29" E A.Sri Ban Pod , Phatthalung

Drainage Area 52.74 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH - 48
 Period of Available Records 2009 - Cont' d
 Actual Measurement 2009 - Cont' d
 Using Rating Curve Water Year 2022
 Number of observation 21
 R - Square 0.8897
 Remarks Continued Sediment Station

QS =7.3042 QW^{1.6576}

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 | 81.33 | 25.78 | 21.17 | 21.17 | 20.07 | 64.46 | 86.43 | 329.83 | 66.78 | 41.21 | 47.14 | 24.59 | 829.95 |
| 2 | 73.91 | 19.00 | 78.83 | 17.95 | 53.38 | 47.14 | 41.21 | 151.94 | 73.91 | 39.30 | 41.21 | 22.29 | 660.06 |
| 3 | 192.61 | 16.92 | 39.30 | 15.92 | 43.15 | 25.78 | 64.46 | 71.50 | 171.80 | 37.43 | 97.00 | 21.17 | 797.05 |
| 4 | 124.00 | 16.92 | 28.63 | 15.92 | 28.63 | 23.43 | 33.80 | 76.35 | 336.44 | 55.53 | 78.83 | 21.17 | 839.65 |
| 5 | 595.14 | 16.92 | 25.78 | 15.92 | 23.43 | 20.07 | 99.72 | 89.03 | 1245.34 | 43.15 | 57.72 | 21.17 | 2253.37 |
| 6 | 225.58 | 19.00 | 23.43 | 13.06 | 33.80 | 19.00 | 89.03 | 147.13 | 303.90 | 39.30 | 47.14 | 20.07 | 980.43 |
| 7 | 119.56 | 32.04 | 23.43 | 13.06 | 30.32 | 19.00 | 86.43 | 94.31 | 214.36 | 35.60 | 41.21 | 19.00 | 728.32 |
| 8 | 83.87 | 37.43 | 19.00 | 11.28 | 22.29 | 19.00 | 73.91 | 356.59 | 405.40 | 33.80 | 35.60 | 19.00 | 1117.16 |
| 9 | 66.78 | 248.69 | 17.95 | 10.43 | 20.07 | 17.95 | 53.38 | 97.00 | 363.41 | 30.32 | 32.04 | 17.95 | 975.96 |
| 10 | 55.53 | 69.12 | 16.92 | 10.43 | 19.00 | 15.92 | 81.33 | 78.83 | 203.37 | 30.32 | 30.32 | 17.95 | 629.04 |
| 11 | 47.14 | 102.46 | 15.92 | 9.61 | 16.92 | 14.94 | 78.83 | 94.31 | 192.61 | 30.32 | 28.63 | 16.92 | 648.62 |
| 12 | 41.21 | 69.12 | 14.94 | 9.61 | 15.92 | 13.99 | 49.19 | 91.66 | 124.00 | 66.78 | 26.99 | 16.92 | 540.32 |
| 13 | 35.60 | 73.91 | 13.99 | 10.43 | 14.94 | 14.94 | 47.14 | 94.31 | 113.75 | 64.46 | 25.78 | 15.92 | 525.18 |
| 14 | 35.60 | 62.18 | 17.95 | 13.06 | 15.92 | 14.94 | 45.13 | 464.17 | 94.31 | 45.13 | 24.59 | 15.92 | 848.90 |
| 15 | 133.06 | 43.15 | 16.92 | 15.92 | 78.83 | 16.92 | 53.38 | 546.03 | 171.80 | 43.15 | 23.43 | 15.92 | 1158.51 |
| 16 | 45.13 | 37.43 | 16.92 | 13.99 | 26.99 | 20.07 | 83.87 | 323.27 | 260.58 | 32.04 | 23.43 | 14.94 | 898.65 |
| 17 | 33.80 | 33.80 | 25.78 | 15.92 | 23.43 | 17.95 | 133.06 | 176.91 | 166.74 | 28.63 | 23.43 | 14.94 | 694.40 |
| 18 | 37.43 | 28.63 | 25.78 | 13.06 | 21.17 | 15.92 | 161.75 | 113.75 | 1417.13 | 26.99 | 22.29 | 14.94 | 1898.84 |
| 19 | 32.04 | 26.99 | 17.95 | 10.43 | 20.07 | 13.99 | 187.32 | 91.66 | 1135.75 | 25.78 | 23.43 | 14.94 | 1600.35 |
| 20 | 30.32 | 24.59 | 17.95 | 19.00 | 19.00 | 13.06 | 151.94 | 78.83 | 285.01 | 25.78 | 22.29 | 13.99 | 701.74 |
| 21 | 28.63 | 26.99 | 21.17 | 21.17 | 19.00 | 12.16 | 94.31 | 66.78 | 171.80 | 25.78 | 45.13 | 13.99 | 546.89 |
| 22 | 28.63 | 25.78 | 19.00 | 16.92 | 17.95 | 12.16 | 86.43 | 73.91 | 119.56 | 24.59 | 26.99 | 13.99 | 465.91 |
| 23 | 25.78 | 22.29 | 16.92 | 20.07 | 16.92 | 13.06 | 97.00 | 419.79 | 99.72 | 26.99 | 23.43 | 13.06 | 795.03 |
| 24 | 23.43 | 20.07 | 16.92 | 22.29 | 15.92 | 12.16 | 73.91 | 427.07 | 86.43 | 24.59 | 21.17 | 12.16 | 756.11 |
| 25 | 22.29 | 17.95 | 16.92 | 32.04 | 13.99 | 14.94 | 69.12 | 147.13 | 81.33 | 81.33 | 21.17 | 12.16 | 530.36 |
| 26 | 20.07 | 17.95 | 16.92 | 24.59 | 14.94 | 13.99 | 59.93 | 97.00 | 69.12 | 171.80 | 21.17 | 12.16 | 539.64 |
| 27 | 17.95 | 16.92 | 16.92 | 32.04 | 14.94 | 10.43 | 59.93 | 91.66 | 62.18 | 57.72 | 24.59 | 11.28 | 416.56 |
| 28 | 16.92 | 17.95 | 16.92 | 33.80 | 13.99 | 35.60 | 49.19 | 76.35 | 55.53 | 45.13 | 23.43 | 11.28 | 396.09 |
| 29 | 17.95 | 37.43 | 15.92 | 37.43 | 13.06 | 41.21 | 43.15 | 62.18 | 51.27 | 51.27 | | 11.28 | 382.15 |
| 30 | 39.30 | 37.43 | 22.29 | 23.43 | 15.92 | 97.00 | 37.43 | 53.38 | 47.14 | 64.46 | | 11.28 | 449.07 |
| 31 | | 25.78 | | 21.17 | 22.29 | | 78.83 | | 43.15 | 55.53 | | 11.28 | 258.02 |
| Total | 2330.58 | 1270.63 | 658.41 | 561.12 | 726.22 | 691.17 | 2450.55 | 5082.65 | 8233.63 | 1404.22 | 959.53 | 493.62 | 24862.33 |
| Mean | 77.69 | 40.99 | 21.95 | 18.10 | 23.43 | 23.04 | 79.05 | 169.42 | 265.60 | 45.30 | 34.27 | 15.92 | 814.75 |
| Max | 595.14 | 248.69 | 78.83 | 37.43 | 78.83 | 97.00 | 187.32 | 546.03 | 1417.13 | 171.80 | 97.00 | 24.59 | 1417.13 |
| Min | 16.92 | 16.92 | 13.99 | 9.61 | 13.06 | 10.43 | 33.80 | 53.38 | 43.15 | 24.59 | 21.17 | 11.28 | 9.61 |

Stop - Program Terminted.