

WATER YEAR : 2011**SOUTHERN PENINSULA WEST COAST****Khlong Phangnga at Ban Bang Tong , Phangnga (X.245)**

Lat 08 - 30 - 49 N Long 98 - 30 - 15 E

Location : on right bank at Ban Bang Tong.

| | | | | | | |
|--------------------------------------|----------------------------|------------------|---------------|---------------|-----------------|-----------------|
| | Ban | Bang Tong | Amphoe | Mueang | Changwat | Phangnga |
| Drainage Area | 242 | sq.km. | | | | |
| Method of sampling | Depth Integrating | | | | | |
| Instrument Used | US.D-49 | | | | | |
| Period of Available Records | 2005-Cont'd | | | | | |
| Actual Measurement | 2005-Cont'd | | | | | |
| Using Rating Curve Water Year | 2005-2011 | | | | | |
| Number of observation | 179 | | | | | |
| R-Square | 0.731 | | | | | |
| Remarks | Continued Sediment Station | | | | | |

$$QS = 3.5623 QW^{1.46410}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2011 to 31 March 2012

| Date | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Annual | |
|-------|---------|---------|----------|---------|---------|----------|----------|---------|---------|---------|---------|---------|----------|------------|
| 1 | 388.10 | 157.50 | 324.60 | 148.00 | 279.90 | 578.50 | 1705.70 | 112.20 | 108.00 | 55.20 | 81.80 | 33.50 | | |
| 2 | 417.80 | 167.10 | 287.20 | 138.80 | 251.20 | 407.90 | 2335.10 | 112.20 | 103.70 | 52.10 | 81.80 | 33.50 | | |
| 3 | 368.40 | 157.50 | 945.60 | 129.70 | 237.30 | 309.50 | 3146.30 | 103.70 | 99.90 | 52.10 | 74.80 | 22.10 | | |
| 4 | 324.60 | 157.50 | 511.30 | 120.80 | 223.60 | 279.90 | 2533.30 | 103.70 | 96.20 | 49.10 | 71.40 | 58.30 | | |
| 5 | 279.90 | 152.60 | 490.00 | 112.20 | 210.20 | 265.40 | 1862.80 | 99.90 | 96.20 | 49.10 | 68.10 | 71.40 | | |
| 6 | 265.40 | 176.90 | 479.30 | 103.70 | 157.50 | 244.20 | 1603.40 | 96.20 | 92.50 | 49.10 | 68.10 | 61.50 | | |
| 7 | 340.00 | 244.20 | 469.00 | 108.00 | 148.00 | 216.90 | 1303.80 | 92.50 | 88.90 | 46.10 | 96.20 | 55.20 | | |
| 8 | 378.20 | 397.90 | 309.50 | 112.20 | 138.80 | 203.60 | 763.50 | 88.90 | 88.90 | 46.10 | 96.20 | 52.10 | | |
| 9 | 309.50 | 521.90 | 265.40 | 112.20 | 134.10 | 181.90 | 675.20 | 85.30 | 81.80 | 43.20 | 88.90 | 49.10 | | |
| 10 | 265.40 | 555.10 | 279.90 | 134.10 | 134.10 | 359.00 | 614.20 | 81.80 | 78.30 | 37.60 | 81.80 | 55.20 | | |
| 11 | 251.20 | 712.60 | 578.50 | 251.20 | 129.70 | 897.70 | 578.50 | 81.80 | 74.80 | 37.60 | 74.80 | 61.50 | | |
| 12 | 251.20 | 650.60 | 1415.40 | 650.60 | 129.70 | 662.90 | 804.50 | 74.80 | 74.80 | 43.20 | 68.10 | 71.40 | | |
| 13 | 210.20 | 317.00 | 1093.50 | 511.30 | 129.70 | 469.00 | 650.60 | 88.90 | 71.40 | 49.10 | 61.50 | 92.50 | | |
| 14 | 197.00 | 143.40 | 776.40 | 458.50 | 125.30 | 417.80 | 700.10 | 81.80 | 68.10 | 55.20 | 55.20 | 125.30 | | |
| 15 | 181.90 | 68.10 | 725.30 | 789.40 | 120.80 | 397.90 | 532.80 | 92.50 | 64.80 | 61.50 | 55.20 | 88.90 | | |
| 16 | 148.00 | 23.90 | 638.40 | 638.40 | 120.80 | 438.00 | 397.90 | 116.40 | 61.50 | 68.10 | 55.20 | 81.80 | | |
| 17 | 134.10 | 0.20 | 555.10 | 397.90 | 112.20 | 407.90 | 332.30 | 112.20 | 58.30 | 64.80 | 52.10 | 74.80 | | |
| 18 | 129.70 | 15.40 | 1060.30 | 287.20 | 103.70 | 368.40 | 302.00 | 134.10 | 61.50 | 88.90 | 52.10 | 68.10 | | |
| 19 | 129.70 | 43.20 | 532.80 | 237.30 | 96.20 | 407.90 | 258.30 | 112.20 | 61.50 | 96.20 | 49.10 | 96.20 | | |
| 20 | 129.70 | 46.10 | 521.90 | 216.90 | 88.90 | 675.20 | 237.30 | 108.00 | 58.30 | 78.30 | 49.10 | 88.90 | | |
| 21 | 120.80 | 7.00 | 388.10 | 138.80 | 88.90 | 479.30 | 223.60 | 103.70 | 55.20 | 68.10 | 49.10 | 81.80 | | |
| 22 | 116.40 | 0.00 | 317.00 | 244.20 | 210.20 | 397.90 | 210.20 | 99.90 | 55.20 | 61.50 | 49.10 | 37.60 | | |
| 23 | 116.40 | 0.00 | 479.30 | 244.20 | 197.00 | 294.60 | 197.00 | 96.20 | 58.30 | 58.30 | 49.10 | 61.50 | | |
| 24 | 108.00 | 0.00 | 378.20 | 237.30 | 210.20 | 251.20 | 181.90 | 88.90 | 61.50 | 55.20 | 49.10 | 61.50 | | |
| 25 | 103.70 | 0.00 | 294.60 | 230.40 | 210.20 | 332.30 | 176.90 | 85.30 | 61.50 | 55.20 | 49.10 | 58.30 | | |
| 26 | 96.20 | 0.00 | 265.40 | 223.60 | 317.00 | 521.90 | 152.60 | 81.80 | 58.30 | 52.10 | 46.10 | 55.20 | | |
| 27 | 88.90 | 0.00 | 251.20 | 294.60 | 789.40 | 866.30 | 134.10 | 81.80 | 61.50 | 49.10 | 46.10 | 55.20 | | |
| 28 | 81.80 | 0.00 | 223.60 | 700.10 | 789.40 | 850.80 | 134.10 | 78.30 | 68.10 | 49.10 | 46.10 | 52.10 | | |
| 29 | 74.80 | 0.00 | 191.80 | 776.40 | 977.90 | 1173.80 | 125.30 | 74.80 | 61.50 | 55.20 | 18.70 | 52.10 | | |
| 30 | 68.10 | 0.00 | 152.60 | 543.50 | 789.40 | 1438.00 | 120.80 | 71.40 | 55.20 | 68.10 | 49.10 | 49.10 | | |
| 31 | | 700.10 | | 407.90 | 866.30 | | 116.40 | | 55.20 | 96.20 | 49.10 | 49.10 | | |
| Total | 6075.10 | 5415.80 | 15201.20 | 9699.40 | 8517.60 | 14795.60 | 23110.50 | 2841.20 | 2240.90 | 1790.70 | 1784.00 | 1954.80 | 93426.80 | Ton |
| Mean | 202.50 | 174.70 | 506.70 | 312.90 | 274.80 | 493.20 | 745.50 | 94.70 | 72.30 | 57.80 | 61.50 | 63.10 | | |
| Max | 417.80 | 712.60 | 1415.40 | 789.40 | 977.90 | 1438.00 | 3146.30 | 134.10 | 108.00 | 96.20 | 96.20 | 125.30 | 3146.30 | |
| Min | 68.10 | 0.00 | 152.60 | 103.70 | 88.90 | 181.90 | 116.40 | 71.40 | 55.20 | 37.60 | 18.70 | 22.10 | 0.00 | |