

**WATER YEAR 2023**  
**SOUTHERN PENINSULA WAST COAST**

Khlung Ta kuaw Pa at Ban Hin Dan, Phang-nga ( X.187 )

Location Lat 08° - 46' - 38" N., Long. 98° - 23' - 25" E., Amphoe Ta kuaw Pa, Phang-nga  
 Drainage Area 545.11 sq. km.  
 Method of Sampling Depth Integrating  
 Instrument Used US DH-48  
 Period of Available Records 2003 - Cont' d  
 Actual Measurement 2003 - 2008, 2010 - 2011 , 2013 - Cont' d  
 Using Rating Curve Water Year 2023  
 Number of observation 30  
 R - Square 0.9086  
 Remarks Continued Sediment Station

QS =4.1154 QW<sup>1.0259</sup>

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     | 16.19  | 49.07   | 501.77  | 1691.12  | 375.42   | 948.02   | 430.88   | 258.60  | 105.41  | 41.89   | 25.87  | 8.38   | 4452.61  |
| 2     | 31.19  | 41.89   | 311.69  | 1443.89  | 345.65   | 2606.18  | 375.42   | 243.61  | 105.41  | 40.10   | 24.10  | 8.38   | 5577.51  |
| 3     | 24.10  | 32.96   | 266.10  | 473.67   | 366.91   | 1890.45  | 492.24   | 209.98  | 105.41  | 40.10   | 22.33  | 8.38   | 3932.63  |
| 4     | 16.19  | 50.87   | 217.44  | 299.93   | 328.66   | 2056.73  | 456.54   | 224.91  | 102.66  | 38.31   | 20.57  | 8.38   | 3821.18  |
| 5     | 16.19  | 57.18   | 254.85  | 228.65   | 277.36   | 1632.17  | 401.00   | 303.69  | 99.92   | 38.31   | 18.82  | 8.38   | 3336.50  |
| 6     | 14.44  | 49.07   | 284.88  | 188.56   | 251.10   | 977.09   | 611.67   | 262.35  | 105.41  | 40.10   | 17.06  | 8.38   | 2810.12  |
| 7     | 13.57  | 34.74   | 303.69  | 165.81   | 239.87   | 669.22   | 539.93   | 266.10  | 105.41  | 40.10   | 16.19  | 8.38   | 2403.02  |
| 8     | 15.32  | 29.41   | 254.85  | 213.71   | 487.47   | 530.38   | 413.80   | 273.61  | 105.41  | 38.31   | 15.32  | 8.38   | 2385.96  |
| 9     | 15.32  | 31.19   | 202.52  | 539.93   | 492.24   | 452.26   | 358.40   | 262.35  | 97.17   | 38.31   | 14.44  | 8.38   | 2512.50  |
| 10    | 12.70  | 113.67  | 456.54  | 324.41   | 392.47   | 582.95   | 324.41   | 273.61  | 91.69   | 38.31   | 13.57  | 7.52   | 2631.86  |
| 11    | 12.70  | 43.68   | 456.54  | 273.61   | 358.40   | 473.67   | 303.69   | 299.93  | 86.21   | 36.53   | 12.70  | 7.52   | 2365.18  |
| 12    | 12.70  | 31.19   | 362.65  | 221.17   | 443.71   | 396.73   | 324.41   | 277.36  | 80.75   | 36.53   | 11.83  | 7.52   | 2206.56  |
| 13    | 11.83  | 27.64   | 243.61  | 188.56   | 669.22   | 366.91   | 328.66   | 232.39  | 78.02   | 40.10   | 10.97  | 7.52   | 2205.42  |
| 14    | 13.57  | 24.10   | 191.81  | 175.55   | 1565.91  | 375.42   | 354.15   | 228.65  | 73.02   | 38.31   | 10.10  | 7.52   | 3058.11  |
| 15    | 12.70  | 24.10   | 162.56  | 175.55   | 2112.06  | 683.63   | 371.17   | 202.52  | 70.75   | 36.53   | 8.38   | 7.52   | 3867.47  |
| 16    | 13.57  | 41.89   | 139.91  | 206.25   | 1853.50  | 554.26   | 418.07   | 182.05  | 66.22   | 34.74   | 8.38   | 7.52   | 3526.35  |
| 17    | 13.57  | 32.96   | 121.94  | 315.93   | 1169.00  | 465.10   | 456.54   | 165.81  | 63.95   | 34.74   | 8.38   | 7.52   | 2855.45  |
| 18    | 14.44  | 32.96   | 121.94  | 678.83   | 731.71   | 401.00   | 418.07   | 156.08  | 63.95   | 34.74   | 8.38   | 7.52   | 2669.62  |
| 19    | 13.57  | 43.68   | 121.94  | 746.15   | 544.71   | 439.43   | 332.90   | 149.61  | 61.69   | 34.74   | 8.38   | 7.52   | 2504.33  |
| 20    | 12.70  | 75.29   | 105.41  | 845.00   | 460.82   | 379.68   | 303.69   | 139.91  | 59.43   | 32.96   | 8.38   | 7.52   | 2430.80  |
| 21    | 12.70  | 88.95   | 94.43   | 903.49   | 396.73   | 328.66   | 281.12   | 130.22  | 57.18   | 31.19   | 8.38   | 6.67   | 2339.70  |
| 22    | 12.70  | 113.67  | 86.21   | 1251.36  | 337.15   | 337.15   | 269.85   | 124.70  | 57.18   | 29.41   | 8.38   | 6.67   | 2634.42  |
| 23    | 11.83  | 88.95   | 78.02   | 948.02   | 292.40   | 383.94   | 262.35   | 124.70  | 54.92   | 40.10   | 8.38   | 6.67   | 2300.28  |
| 24    | 27.64  | 63.95   | 73.02   | 1327.51  | 262.35   | 418.07   | 228.65   | 124.70  | 52.67   | 29.41   | 8.38   | 6.67   | 2623.00  |
| 25    | 34.74  | 52.67   | 70.75   | 1823.95  | 239.87   | 755.78   | 213.71   | 127.46  | 50.87   | 29.41   | 8.38   | 6.67   | 3414.24  |
| 26    | 24.10  | 75.29   | 68.48   | 1276.73  | 221.17   | 892.85   | 269.85   | 130.22  | 49.07   | 29.41   | 8.38   | 6.67   | 3052.22  |
| 27    | 18.82  | 175.55  | 86.21   | 887.53   | 206.25   | 988.73   | 243.61   | 124.70  | 47.27   | 29.41   | 8.38   | 6.67   | 2823.11  |
| 28    | 16.19  | 354.15  | 105.41  | 650.03   | 213.71   | 971.28   | 258.60   | 124.70  | 45.48   | 27.64   | 8.38   | 6.67   | 2782.21  |
| 29    | 17.06  | 379.68  | 75.29   | 511.30   | 254.85   | 678.83   | 266.10   | 110.91  | 45.48   | 27.64   | 8.38   | 6.67   | 2382.18  |
| 30    | 32.96  | 277.36  | 239.87  | 439.43   | 288.64   | 520.84   | 299.93   | 105.41  | 43.68   | 27.64   |        | 6.67   | 2282.43  |
| 31    |        | 341.40  |         | 401.00   | 296.16   |          | 307.46   |         | 43.68   | 27.64   |        | 6.67   | 1423.99  |
| Total | 515.32 | 2879.14 | 6060.31 | 19816.59 | 16475.46 | 23157.40 | 10916.86 | 5840.80 | 2275.35 | 1082.69 | 359.58 | 231.47 | 89610.98 |
| Mean  | 17.18  | 92.88   | 202.01  | 639.24   | 531.47   | 771.91   | 352.16   | 194.69  | 73.40   | 34.93   | 12.40  | 7.47   | 2929.73  |
| Max   | 34.74  | 379.68  | 501.77  | 1823.95  | 2112.06  | 2606.18  | 611.67   | 303.69  | 105.41  | 41.89   | 25.87  | 8.38   | 2606.18  |
| Min   | 11.83  | 24.10   | 68.48   | 165.81   | 206.25   | 328.66   | 213.71   | 105.41  | 43.68   | 27.64   | 8.38   | 6.67   | 6.67     |

Stop - Program terminated.