

WATER YEAR : 2011**PING RIVER BASIN****Nam Mae Kuang at Ban Mae Wan , Chiang Mai (P.79)**

Lat 18 - 57 - 45 N Long 99 - 14 - 31 E

Location : on left bank at the bridge on road.

| | | | |
|--------------------------------------|----------------------------|-------------------------|----------------------------|
| | Ban Mae Wan | Amphoe Doi Saket | Changwat Chiang Mai |
| Drainage Area | 136 sq.km. | | |
| Method of sampling | Depth Integrating | | |
| Instrument Used | US.D-49 | | |
| Period of Available Records | 2001-Cont'd | | |
| Actual Measurement | 2001-Cont'd | | |
| Using Rating Curve Water Year | 2011 | | |
| Number of observation | 36 | | |
| R-Square | 0.9530 | | |
| Remarks | Continued Sediment Station | | |

$$QS = 6.6050 QW^{1.09680}$$

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 | 1.40 | 26.90 | 13.50 | 26.90 | 253.00 | 39.90 | 37.90 | 12.40 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 2 | 0.90 | 6.20 | 11.40 | 23.70 | 70.30 | 23.70 | 31.90 | 12.40 | 9.30 | 10.30 | 10.30 | 10.30 | | |
| 3 | 0.90 | 11.40 | 12.40 | 22.00 | 48.20 | 22.00 | 28.60 | 12.40 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 4 | 1.40 | 15.70 | 14.60 | 18.80 | 33.90 | 20.40 | 25.30 | 12.40 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 5 | 0.90 | 14.60 | 37.90 | 15.70 | 25.30 | 37.90 | 20.40 | 11.40 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 6 | 0.90 | 12.40 | 42.00 | 15.70 | 20.40 | 30.20 | 22.00 | 11.40 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 7 | 1.40 | 9.30 | 22.00 | 14.60 | 20.40 | 68.10 | 22.00 | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 8 | 4.00 | 9.30 | 17.30 | 11.40 | 23.70 | 22.00 | 20.40 | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 9 | 3.00 | 15.70 | 14.60 | 10.30 | 37.90 | 22.00 | 20.40 | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 10 | 5.20 | 46.10 | 13.50 | 12.40 | 46.10 | 20.40 | 20.40 | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 11 | 5.20 | 39.90 | 15.70 | 17.30 | 128.80 | 20.40 | 18.80 | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 12 | 5.20 | 20.40 | 17.30 | 18.80 | 86.40 | 23.70 | 17.30 | 9.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 13 | 4.60 | 14.60 | 30.20 | 13.50 | 137.30 | 23.70 | 17.30 | 9.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 14 | 4.00 | 13.50 | 15.70 | 17.30 | 44.00 | 26.90 | 17.30 | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 15 | 3.00 | 17.30 | 14.60 | 37.90 | 28.60 | 56.80 | 17.30 | 7.20 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 16 | 2.40 | 22.00 | 15.70 | 44.00 | 18.80 | 22.00 | 18.80 | 9.30 | 9.30 | 10.30 | 10.30 | 10.30 | | |
| 17 | 2.40 | 23.70 | 14.60 | 37.90 | 15.70 | 18.80 | 20.40 | 9.30 | 8.20 | 10.30 | 10.30 | 10.30 | | |
| 18 | 1.90 | 42.00 | 12.40 | 23.70 | 23.70 | 17.30 | 18.80 | 9.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 19 | 1.40 | 33.90 | 11.40 | 18.80 | 37.90 | 20.40 | 18.80 | 9.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 20 | 1.90 | 42.00 | 13.50 | 17.30 | 26.90 | 25.30 | 15.70 | 9.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 21 | 8.20 | 25.30 | 31.90 | 17.30 | 30.20 | 23.70 | 15.70 | 9.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 22 | 6.20 | 18.80 | 15.70 | 14.60 | 18.80 | 23.70 | 14.60 | 9.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 23 | 42.00 | 15.70 | 13.50 | 15.70 | 15.70 | 25.30 | 14.60 | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 24 | 68.10 | 12.40 | 13.50 | 22.00 | 30.20 | 22.00 | 14.60 | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 25 | 61.30 | 10.30 | 26.90 | 22.00 | 111.90 | 23.70 | 13.50 | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 26 | 12.40 | 11.40 | 167.10 | 18.80 | 30.20 | 20.40 | 12.40 | 9.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 27 | 9.30 | 14.60 | 59.00 | 15.70 | 25.30 | 22.00 | 13.50 | 9.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 28 | 10.30 | 18.80 | 48.20 | 13.50 | 22.00 | 103.60 | 14.60 | 9.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 29 | 8.20 | 20.40 | 33.90 | 12.40 | 17.30 | 52.30 | 13.50 | 10.30 | 10.30 | 10.30 | 10.30 | 10.30 | | |
| 30 | 17.30 | 33.90 | 30.20 | 11.40 | 31.90 | 33.90 | 14.60 | 10.30 | 10.30 | 10.30 | | 10.30 | | |
| 31 | | 17.30 | | 56.80 | 35.90 | | 14.60 | | 10.30 | 10.30 | | 10.30 | | |
| Total | 295.30 | 635.80 | 800.20 | 638.20 | 1496.70 | 912.50 | 586.00 | 304.50 | 315.20 | 319.30 | 298.70 | 319.30 | 6921.70 | Ton |
| Mean | 9.80 | 20.50 | 26.70 | 20.60 | 48.30 | 30.40 | 18.90 | 10.10 | 10.20 | 10.30 | 10.30 | 10.30 | | |
| Max | 68.10 | 46.10 | 167.10 | 56.80 | 253.00 | 103.60 | 37.90 | 12.40 | 10.30 | 10.30 | 10.30 | 10.30 | 253.00 | |
| Min | 0.90 | 6.20 | 11.40 | 10.30 | 15.70 | 17.30 | 12.40 | 7.20 | 8.20 | 10.30 | 10.30 | 10.30 | 0.90 | |