

**WATER YEAR : 2011****PING RIVER BASIN****Nam Mae Wang at Ban Phan Ton , Chiang Mai (P.84)**

Lat 18 - 35 - 20 N Long 98 - 47 - 59 E

**Location : on left bank at Ban Mae Chaem.**

	<b>Ban</b> Phan Ton	<b>Amphoe</b> Mae Wang	<b>Changwat</b> Chiang Mai
<b>Drainage Area</b>	491 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	2003-Cont'd		
<b>Actual Measurement</b>	2003-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	36		
<b>R-Square</b>	0.7464		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 2.4898 QW^{1.60360}$$

**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	0.20	0.30	1.00	11.50	51.00	158.10	269.20	197.70	99.80	64.80	8.70	7.20		
2	0.20	1.00	4.00	11.50	147.70	121.20	2182.00	197.70	99.80	62.60	9.10	5.80		
3	0.20	1.20	11.50	13.30	111.90	236.30	2819.20	206.00	111.90	58.60	8.30	6.20		
4	0.20	2.00	37.80	16.40	118.20	181.40	2726.90	193.50	131.00	52.60	8.30	6.50		
5	0.20	2.40	43.50	15.40	48.00	245.20	1678.20	201.80	111.90	42.00	8.70	6.50		
6	0.40	4.00	412.30	13.30	22.60	1327.00	619.70	206.00	96.80	19.20	7.60	6.50		
7	0.50	1.70	105.60	5.90	28.50	1644.50	534.50	197.70	94.40	18.50	6.50	5.80		
8	2.00	2.90	58.60	2.70	12.10	309.40	512.10	193.50	96.80	18.50	6.50	3.10		
9	10.40	3.40	32.40	2.40	9.90	365.60	504.70	189.40	96.80	19.20	5.80	4.00		
10	0.40	24.90	13.30	2.20	8.80	461.20	454.10	189.40	96.80	14.50	6.90	3.60		
11	0.20	84.90	5.90	1.00	9.30	284.00	405.50	181.40	91.90	13.30	6.50	4.00		
12	0.40	18.40	12.10	2.00	48.00	405.50	372.10	185.40	87.10	12.70	6.50	5.50		
13	0.30	8.30	21.50	7.80	62.60	2657.70	359.10	177.40	91.90	13.90	6.90	5.80		
14	3.70	4.30	10.40	14.50	37.80	1627.90	340.80	169.50	89.40	11.50	6.50	6.90		
15	0.60	51.00	9.90	17.40	19.40	572.60	335.50	165.60	84.90	12.10	5.50	7.20		
16	0.20	26.10	9.90	19.40	33.70	468.30	335.50	165.60	87.10	13.30	5.50	5.50		
17	0.90	264.30	8.30	18.40	140.90	304.20	862.80	158.10	87.10	13.90	6.50	4.60		
18	1.20	189.40	19.40	4.70	137.50	335.50	778.50	158.10	82.50	12.70	6.50	2.50		
19	0.40	140.90	13.90	2.40	105.60	461.20	482.70	158.10	77.90	11.10	6.90	0.80		
20	0.50	69.00	23.70	7.30	314.50	504.70	346.20	154.70	71.30	10.30	6.50	3.80		
21	1.20	42.00	15.40	6.90	154.70	454.10	289.00	147.70	73.40	10.70	6.50	4.00		
22	0.40	19.40	11.50	5.50	108.70	512.10	294.10	134.20	71.30	12.70	6.50	3.80		
23	0.20	5.50	8.30	1.70	77.90	527.00	264.30	121.20	69.00	12.10	6.20	3.30		
24	1.50	0.90	7.80	1.00	66.80	335.50	279.00	121.20	71.30	11.10	6.20	2.30		
25	0.50	1.20	12.10	1.50	71.30	475.50	264.30	118.20	73.40	9.90	6.50	2.50		
26	1.20	5.50	33.70	1.40	173.40	335.50	264.30	114.90	77.90	9.10	6.50	2.30		
27	0.40	0.30	62.60	0.20	140.90	461.20	259.50	111.90	73.40	8.70	7.20	2.90		
28	0.30	2.40	32.40	0.20	77.90	808.60	227.50	108.70	73.40	9.10	6.50	4.60		
29	0.20	8.30	22.60	0.50	108.70	412.30	240.70	108.70	69.00	8.70	6.90	3.60		
30	0.30	33.70	15.40	0.20	365.60	330.20	245.20	105.60	66.80	9.10		2.90		
31		3.70		1.00	121.20		218.80		66.80	8.30		3.30		
Total	29.30	1023.30	1076.80	209.60	2935.10	17323.50	19766.00	4838.90	2672.80	604.80	199.20	137.30	50816.60	<b>Ton</b>
Mean	1.00	33.00	35.90	6.80	94.70	577.50	637.60	161.30	86.20	19.50	6.90	4.40		
Max	10.40	264.30	412.30	19.40	365.60	2657.70	2819.20	206.00	131.00	64.80	9.10	7.20	2819.20	
Min	0.20	0.30	1.00	0.20	8.80	121.20	218.80	105.60	66.80	8.30	5.50	0.80	0.20	