

**WATER YEAR : 2011****PING RIVER BASIN****Nam Mae Wang at Ban Sop Win , Chiang Mai (P.82)**

Lat 18 - 39 - 08 N Long 98 - 41 - 26 E

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

	<b>Ban Sop Win</b>	<b>Amphoe Mae Wang</b>	<b>Changwat Chiang Mai</b>
<b>Drainage Area</b>	389 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>	0.7742		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 0.4920 QW^{1.86640}$$

**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	1.80	1.60	4.40	7.70	71.70	66.10	343.50	68.90	35.80	20.60	11.90	6.80		
2	1.30	3.50	6.80	6.40	100.00	49.40	1076.60	66.10	34.20	20.60	14.10	6.80		
3	0.80	5.50	14.80	8.70	66.10	83.60	1632.70	63.30	34.20	19.60	13.30	6.40		
4	0.80	8.10	68.90	14.80	51.60	66.10	2090.40	63.30	34.20	19.60	13.30	5.90		
5	0.80	5.50	71.70	13.30	23.90	83.60	639.50	63.30	32.50	19.60	11.90	5.90		
6	0.80	4.80	291.70	10.60	18.60	351.20	320.80	60.90	32.50	18.60	11.30	5.90		
7	0.80	10.00	56.20	7.20	17.60	384.30	250.40	58.50	31.00	18.60	10.00	5.90		
8	0.80	14.80	22.70	5.50	14.80	107.00	225.00	58.50	29.40	17.60	8.70	5.20		
9	1.00	5.90	16.70	5.90	12.60	107.00	185.90	56.20	22.70	17.60	9.30	5.90		
10	2.60	22.70	13.30	6.40	14.80	138.10	156.20	56.20	21.70	18.60	9.30	5.90		
11	2.80	39.30	14.80	8.70	15.70	125.60	138.10	56.20	26.40	18.60	8.10	5.90		
12	3.30	7.70	23.90	10.00	21.70	795.20	121.70	56.20	27.90	17.60	8.70	5.90		
13	5.20	6.80	23.90	8.70	37.50	1197.00	114.30	51.60	27.90	19.60	8.10	6.40		
14	4.10	12.60	14.10	11.30	22.70	475.30	107.00	51.60	27.90	20.60	8.10	6.80		
15	3.80	17.60	11.90	23.90	16.70	207.90	100.00	49.40	26.40	18.60	8.10	5.90		
16	2.40	20.60	11.90	31.00	19.60	138.10	107.00	47.30	25.00	17.60	8.10	5.90		
17	1.60	96.50	10.60	15.70	58.50	100.00	207.90	47.30	25.00	17.60	8.10	5.90		
18	1.60	114.30	10.60	10.00	56.20	89.90	313.40	45.10	25.00	15.70	8.10	5.90		
19	2.40	83.60	10.60	9.30	86.80	366.90	147.00	45.10	25.00	14.80	8.10	5.20		
20	4.10	45.10	11.30	8.70	207.90	142.50	118.00	43.10	25.00	14.80	8.10	5.20		
21	2.20	12.60	9.30	11.90	96.50	138.10	110.60	43.10	23.90	14.10	8.10	5.20		
22	1.80	7.20	7.70	11.30	58.50	133.70	100.00	41.00	23.90	14.10	8.10	5.20		
23	2.00	4.10	5.90	7.70	37.50	129.40	89.90	41.00	23.90	13.30	8.10	5.20		
24	5.50	3.10	5.90	6.80	27.90	103.50	83.60	39.30	23.90	13.30	7.70	5.20		
25	7.20	2.60	7.70	8.70	32.50	138.10	83.60	39.30	22.70	13.30	7.70	4.80		
26	2.60	2.80	15.70	11.90	151.60	125.60	77.60	39.30	22.70	13.30	7.20	4.80		
27	2.60	3.10	25.00	7.20	47.30	118.00	77.60	39.30	22.70	12.60	7.20	5.20		
28	1.80	5.20	14.80	5.50	32.50	291.70	74.60	37.50	22.70	12.60	7.20	5.20		
29	1.60	5.50	11.30	4.40	32.50	118.00	74.60	37.50	22.70	11.90	7.20	5.20		
30	1.50	13.30	8.70	4.40	74.60	86.80	74.60	35.80	21.70	11.90		4.80		
31		5.20		6.40	56.20		71.70		21.70	11.30		4.40		
<b>Total</b>	71.60	591.20	822.80	310.00	1582.60	6457.70	9313.80	1501.20	822.20	508.20	263.20	174.80	22419.30	<b>Ton</b>
<b>Mean</b>	2.40	19.10	27.40	10.00	51.10	215.30	300.40	50.00	26.50	16.40	9.10	5.60		
<b>Max</b>	7.20	114.30	291.70	31.00	207.90	1197.00	2090.40	68.90	35.80	20.60	14.10	6.80	2090.40	
<b>Min</b>	0.80	1.60	4.40	4.40	12.60	49.40	71.70	35.80	21.70	11.30	7.20	4.40	0.80	