

**WATER YEAR : 2011****PING RIVER BASIN****Nam Mae Tha at Ban Sop Mae Sapuad , Lamphun (P.77)**

Lat 18 - 25 - 57 N Long 99 - 05 - 02 E

**Location : on left bank at the bridge on road.**

	<b>Ban Sop Mae Sapuad</b>	<b>Amphoe Mae Tha</b>	<b>Changwat Lamphun</b>
<b>Drainage Area</b>	550 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	2001-Cont'd		
<b>Actual Measurement</b>	2001-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	37		
<b>R-Square</b>	0.9325		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 2.0059 QW^{1.60410}$$

**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	6.70	60.70	9.30	48.70	6666.00	88.50	282.40	32.50	5.60	1.80	0.40	0.50		
2	6.70	60.70	10.00	46.20	1267.20	231.50	1631.30	39.40	5.60	1.80	0.30	0.30		
3	6.70	32.60	11.40	544.00	1021.60	162.00	741.40	26.20	4.80	1.80	0.50	0.50		
4	6.10	77.20	8.60	301.30	615.20	100.90	489.10	32.50	4.00	1.80	0.60	0.50		
5	6.70	39.20	3.10	122.80	187.10	73.70	374.50	46.70	4.00	1.80	0.80	0.50		
6	6.10	12.20	173.90	73.70	67.10	516.40	301.30	32.50	4.80	1.70	1.40	0.50		
7	7.30	20.70	80.60	54.60	67.10	1370.90	223.80	20.40	4.00	1.70	1.30	0.60		
8	6.70	16.60	32.60	37.00	100.90	722.70	150.40	20.40	4.00	1.70	1.10	0.50		
9	6.70	14.10	23.50	39.20	84.50	2033.50	122.80	20.40	4.00	1.70	0.70	0.50		
10	6.70	1663.60	23.50	48.70	77.20	1318.60	113.80	15.10	4.00	1.50	0.70	0.50		
11	6.70	489.10	20.70	57.60	96.70	936.50	118.30	15.10	2.60	1.40	0.70	0.50		
12	6.70	139.10	20.70	51.60	187.10	704.50	113.80	15.10	3.30	1.30	0.70	0.60		
13	10.70	51.60	19.30	46.20	180.00	2139.10	92.60	10.50	2.60	1.30	0.40	0.60		
14	80.60	60.70	30.50	48.70	133.60	1423.90	88.50	9.40	2.60	1.40	0.70	0.70		
15	30.50	264.00	19.30	876.00	133.60	1794.80	84.50	8.40	2.60	1.70	0.70	0.90		
16	19.30	96.70	30.50	475.90	109.40	586.30	88.50	8.40	2.60	1.80	0.70	4.00		
17	11.40	109.40	46.20	264.00	247.00	340.50	92.60	20.40	2.00	1.80	0.60	0.60		
18	6.70	301.30	32.60	109.40	449.70	187.10	92.60	6.50	2.00	1.80	0.60	0.90		
19	6.10	208.80	23.50	70.40	571.90	156.10	88.50	5.60	1.80	1.80	0.60	1.50		
20	5.60	374.50	37.00	63.90	571.90	156.10	80.60	5.60	2.00	1.80	0.60	1.30		
21	5.60	156.10	173.90	54.60	320.70	156.10	80.60	5.60	2.00	1.50	0.40	1.40		
22	5.60	63.90	46.20	46.20	180.00	264.00	70.40	5.60	2.00	1.40	0.70	1.50		
23	4.70	25.00	30.50	34.80	113.80	386.80	67.10	5.60	2.00	1.40	0.70	1.40		
24	6.70	23.50	23.50	37.00	73.70	386.80	67.10	5.60	2.00	1.30	0.70	1.40		
25	12.20	15.40	16.60	46.20	84.50	411.30	63.90	5.60	2.00	1.00	0.60	1.30		
26	9.30	15.40	80.60	54.60	208.80	273.20	60.70	4.80	2.00	0.40	0.60	1.10		
27	8.00	15.40	704.50	41.50	330.50	255.00	60.70	4.80	1.80	0.40	0.60	1.30		
28	6.70	16.60	167.90	39.20	264.00	1397.30	60.70	4.80	2.00	0.40	0.60	1.00		
29	5.10	10.70	92.60	34.80	118.30	1370.90	57.60	4.80	2.00	0.40	0.60	1.00		
30	5.10	10.70	60.70	28.50	133.60	362.30	32.50	4.80	2.00	0.40		0.90		
31		10.70		73.70	100.90		39.40		1.80	0.40		0.80		
<b>Total</b>	319.70	4456.20	2053.80	3871.00	14763.60	20307.30	6032.00	443.10	90.50	42.40	19.60	29.60	52428.80	<b>Ton</b>
<b>Mean</b>	10.70	143.70	68.50	124.90	476.20	676.90	194.60	14.80	2.90	1.40	0.70	1.00		
<b>Max</b>	80.60	1663.60	704.50	876.00	6666.00	2139.10	1631.30	46.70	5.60	1.80	1.40	4.00	6666.00	
<b>Min</b>	4.70	10.70	3.10	28.50	67.10	73.70	32.50	4.80	1.80	0.40	0.30	0.30	0.30	