

**WATER YEAR : 2011****PING RIVER BASIN****Nam Mae Rim at Ban Mae Rim Tai , Chiang Mai (P.21)**

Lat 18 - 55 - 45 N Long 98 - 56 - 40 E

**Location : on left bank about 100 meters downstream from the bridge of Chiang Mai - Fang Highway.**

	<b>Ban Mae Rim Tai</b>	<b>Amphoe Mae Rim</b>	<b>Changwat Chiang Mai</b>
<b>Drainage Area</b>	452 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>	36		
<b>R-Square</b>	0.9540		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 15.8930 QW^{0.94400}$$

**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	13.50	54.10	55.80	113.80	647.60	172.20	355.00	111.80	65.70	65.70	30.00	6.10		
2	13.50	139.70	49.10	107.80	835.70	226.30	333.00	105.80	65.70	62.40	54.10	10.00		
3	20.80	253.30	49.10	145.90	706.40	202.30	304.20	105.80	67.40	60.80	35.00	11.20		
4	21.80	284.00	80.50	147.90	299.10	156.00	244.30	113.80	70.70	64.10	21.80	11.50		
5	11.30	180.30	143.80	103.80	189.10	237.60	219.80	103.80	65.70	62.40	24.20	11.80		
6	11.30	248.70	158.10	80.50	160.10	584.10	180.30	96.30	62.40	62.40	28.80	11.20		
7	15.60	125.80	115.80	80.50	184.70	512.70	178.30	94.50	60.80	57.40	25.40	10.10		
8	14.50	98.00	82.20	67.40	180.30	286.50	178.30	99.80	55.80	54.10	24.20	11.20		
9	15.60	80.50	67.40	67.40	304.20	219.80	172.20	105.80	52.40	52.40	21.80	11.20		
10	17.70	101.80	59.10	133.80	278.90	246.50	160.10	145.90	50.70	52.40	18.70	11.20		
11	23.00	135.70	59.10	103.80	409.70	200.10	151.90	105.80	49.10	52.40	18.70	11.50		
12	15.60	80.50	72.30	111.80	271.30	208.80	145.90	91.00	36.60	49.10	17.70	12.60		
13	33.50	70.70	77.30	149.80	255.40	512.70	139.70	89.20	39.70	55.80	19.80	12.60		
14	52.40	62.40	75.60	131.80	178.30	409.70	133.80	85.70	42.90	80.50	20.80	13.20		
15	25.40	89.20	74.00	248.70	160.10	289.00	121.80	83.90	38.20	133.80	25.40	14.70		
16	17.70	80.50	89.20	217.60	248.70	222.00	141.70	78.90	41.30	91.00	24.20	12.00		
17	13.50	184.70	75.60	204.50	289.00	174.20	224.10	78.90	39.70	67.40	25.40	11.80		
18	10.30	299.10	72.30	145.90	219.80	182.50	259.90	78.90	41.30	59.10	26.50	12.30		
19	8.10	251.00	82.20	133.80	158.10	226.30	191.30	78.90	42.90	44.40	27.70	12.00		
20	13.50	215.40	78.90	145.90	235.30	417.90	153.90	77.30	41.30	41.30	27.70	12.30		
21	15.60	129.80	98.00	129.80	217.60	278.90	135.70	77.30	44.40	36.60	21.80	11.80		
22	15.60	94.50	78.90	96.30	281.40	393.40	127.80	74.00	55.80	38.20	20.80	11.80		
23	14.50	72.30	62.40	92.80	217.60	268.80	123.80	72.30	62.40	39.70	19.80	11.80		
24	19.80	62.40	62.40	96.30	158.10	228.60	117.80	72.30	67.40	39.70	20.80	11.80		
25	26.50	57.40	109.80	83.90	133.80	363.30	107.80	70.70	70.70	35.00	12.00	11.20		
26	23.00	49.10	251.00	83.90	193.50	222.00	103.80	70.70	75.60	27.70	8.60	10.90		
27	17.70	47.50	284.00	69.00	452.40	301.60	105.80	69.00	82.20	30.00	7.20	10.90		
28	19.80	54.10	228.60	59.10	584.10	811.60	107.80	67.40	77.30	35.00	6.50	10.60		
29	18.70	65.70	219.80	52.40	716.40	839.20	113.80	67.40	70.70	33.50	6.70	13.80		
30	21.80	85.70	131.80	49.10	186.90	455.30	133.80	65.70	67.40	32.30		12.40		
31		69.00		83.90	158.10		127.80		65.70	30.00		12.30		
Total	561.60	3822.90	3144.10	3538.90	9511.70	9849.90	5295.20	2638.60	1769.90	1646.60	642.10	359.80	42781.30	<b>Ton</b>
Mean	18.70	123.30	104.80	114.20	306.80	328.30	170.80	88.00	57.10	53.10	22.10	11.60		
Max	52.40	299.10	284.00	248.70	835.70	839.20	355.00	145.90	82.20	133.80	54.10	14.70	839.20	
Min	8.10	47.50	49.10	49.10	133.80	156.00	103.80	65.70	36.60	27.70	6.50	6.10	6.10	