

**WATER YEAR : 2011****PING RIVER BASIN****Nam Mae Ngat at Ban Sahakorn Romklao , Chiang Mai (P.56A)**

Lat 19 - 17 - 04 N Long 99 - 11 - 23 E

**Location : on left bank at the bridge near land Cooperative Office.**

	<b>Ban</b> Sahakorn Romklao	<b>Amphoe</b> Phrao	<b>Changwat</b> Chiang Mai
<b>Drainage Area</b>	546	sq.km.	
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	1997-Cont'd		
<b>Actual Measurement</b>	1997-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	34		
<b>R-Square</b>	0.9172		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 3.3526 QW^{1.50370}$$

**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	4.70	74.70	22.10	47.10	1874.20	269.20	631.80	163.10	36.80	8.70	4.90	2.00		
2	4.40	114.70	17.50	62.10	717.60	260.70	717.60	115.10	31.20	8.70	4.90	2.00		
3	4.40	431.50	16.60	82.30	764.70	215.80	431.50	110.60	29.40	8.70	5.70	2.00		
4	4.10	222.90	19.30	104.20	308.50	184.40	322.10	110.60	29.40	8.70	5.70	1.80		
5	4.10	375.10	22.10	60.40	175.10	233.90	277.80	102.00	27.70	9.30	5.70	1.80		
6	4.10	114.70	32.00	36.80	134.40	528.20	256.60	97.70	26.00	8.70	4.10	1.80		
7	3.80	52.00	78.50	19.30	137.10	370.00	291.00	89.40	19.70	8.70	5.30	1.80		
8	3.80	34.40	29.60	16.60	145.60	269.20	870.80	85.40	16.30	8.70	4.90	1.80		
9	3.80	74.70	17.50	20.20	187.90	230.20	345.40	89.40	14.10	7.40	3.40	1.80		
10	3.80	84.20	12.80	19.30	796.60	291.00	237.50	85.40	14.10	7.40	2.90	1.80		
11	3.80	41.90	12.20	17.50	932.90	201.70	208.70	81.40	13.40	7.40	2.60	1.80		
12	3.80	32.00	14.90	13.50	820.70	198.10	187.90	73.60	12.70	7.40	2.60	1.80		
13	3.80	26.30	65.70	13.50	1310.50	390.10	175.10	67.40	12.00	7.40	2.40	1.80		
14	3.80	20.20	52.00	28.50	504.50	360.00	160.10	64.40	11.30	10.60	2.40	4.90		
15	3.50	15.80	26.30	175.10	326.80	426.40	205.30	58.60	12.70	67.40	2.20	38.70		
16	3.50	16.60	18.40	384.90	345.40	552.00	215.80	61.50	13.40	26.00	2.20	19.70		
17	3.20	27.40	14.90	725.30	260.70	304.10	208.70	61.50	9.90	16.30	2.20	13.40		
18	3.20	39.30	13.50	230.20	237.50	241.00	226.60	61.50	8.70	12.70	2.20	7.40		
19	3.20	40.60	11.60	139.90	230.20	252.30	205.30	61.50	8.70	12.70	2.00	7.00		
20	3.20	88.10	8.10	154.30	539.80	277.80	187.90	61.50	8.00	12.70	2.00	4.50		
21	3.20	33.20	10.40	181.20	1394.80	370.00	184.40	61.50	6.50	12.70	2.00	4.50		
22	45.80	19.30	19.30	134.40	1061.60	304.10	178.10	55.70	6.10	11.30	2.00	3.70		
23	313.10	13.50	11.60	78.50	459.00	260.70	160.10	52.90	6.50	7.40	1.80	2.20		
24	308.50	11.60	5.10	154.30	317.70	237.50	145.60	52.90	6.50	7.00	1.40	2.00		
25	331.20	9.80	4.70	172.00	564.60	248.70	139.90	58.60	7.00	6.10	1.60	2.20		
26	212.30	9.80	137.10	88.10	1071.30	273.60	137.10	61.50	7.40	5.30	1.80	5.30		
27	237.50	10.40	447.50	47.10	837.00	421.00	134.40	61.50	7.40	5.70	1.80	3.10		
28	375.10	10.40	157.20	36.80	475.90	1310.50	131.60	55.70	7.40	5.70	2.00	2.90		
29	252.30	21.10	92.00	30.80	431.50	1848.20	157.20	40.70	8.70	5.30	2.00	2.90		
30	194.80	123.40	58.70	28.50	453.20	611.30	405.40	38.70	8.70	4.90		2.90		
31		38.00		74.70	308.50		219.20		8.70	4.50		2.60		
Total	2349.80	2227.60	1449.20	3377.40	18125.80	11941.70	8356.50	2241.30	436.40	341.50	86.70	153.90	51087.80	<b>Ton</b>
Mean	78.30	71.90	48.30	108.90	584.70	398.10	269.60	74.70	14.10	11.00	3.00	5.00		
Max	375.10	431.50	447.50	725.30	1874.20	1848.20	870.80	163.10	36.80	67.40	5.70	38.70	1874.20	
Min	3.20	9.80	4.70	13.50	134.40	184.40	131.60	38.70	6.10	4.50	1.40	1.80	1.40	