

WATER YEAR : 2011**PING RIVER BASIN****Nam Mae Lai at Ban Pong Din , Chiang Mai (P.80)**

Lat 18 - 54 - 49 N Long 99 - 14 - 17 E

Location : on left bank at the bridge on road.

	Ban Pong Din	Amphoe Doi Saket	Changwat Chiang Mai
Drainage Area	129 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2007-Cont'd		
Actual Measurement	2007-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	36		
R-Square	0.7784		
Remarks	Continued Sediment Station		

$$QS = 1.2596 QW^{1.84080}$$

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	0.60	27.30	3.70	10.30	1661.40	42.60	126.30	18.50	6.90	5.20	3.10	2.20		
2	0.60	23.30	3.70	14.60	197.20	45.90	206.40	16.50	6.90	5.20	3.10	2.20		
3	0.60	17.40	4.20	12.80	103.40	37.60	126.30	15.50	6.90	5.20	3.10	2.20		
4	0.60	9.50	3.10	8.80	60.90	47.70	166.50	13.70	6.90	5.20	3.10	2.20		
5	0.70	3.40	10.30	6.30	49.80	72.90	100.20	13.70	6.90	5.20	3.10	2.20		
6	2.80	1.90	33.00	6.30	44.20	407.40	75.50	13.70	6.30	5.20	3.10	1.90		
7	2.20	2.80	8.80	5.20	47.70	356.60	83.30	12.80	6.90	5.20	3.10	2.20		
8	2.20	3.10	5.20	6.30	60.90	122.90	83.30	11.90	6.90	5.20	3.10	2.20		
9	2.20	11.90	3.70	10.30	70.40	151.30	75.50	11.10	6.90	5.20	3.10	2.20		
10	1.90	78.10	4.20	10.30	170.60	278.20	70.40	11.10	6.90	4.20	3.10	2.20		
11	1.90	18.50	5.20	28.70	674.30	136.70	56.30	11.10	6.90	3.70	2.80	1.50		
12	2.20	8.20	5.20	8.20	329.60	126.30	56.30	9.50	6.90	3.70	2.80	2.20		
13	2.20	2.80	3.70	11.10	508.00	126.30	51.90	9.50	6.90	3.70	2.80	2.20		
14	2.20	2.80	3.70	36.00	106.50	106.50	51.90	8.80	6.30	3.70	2.80	2.50		
15	1.90	3.10	3.70	17.40	94.30	83.30	54.10	9.50	6.30	3.70	2.80	2.80		
16	1.90	3.10	3.70	9.50	78.10	80.70	60.90	9.50	6.30	3.70	2.80	2.80		
17	1.70	3.40	3.40	6.30	58.60	75.50	63.20	8.20	6.30	3.70	2.80	2.50		
18	0.70	4.20	4.20	6.30	109.70	75.50	51.90	8.20	6.30	3.70	2.80	2.50		
19	0.70	8.80	2.20	6.30	230.10	83.30	47.70	8.20	6.30	3.40	2.80	2.20		
20	0.70	5.70	2.50	6.30	109.70	78.10	44.20	8.20	6.30	3.40	2.80	2.20		
21	0.70	3.40	7.50	6.30	116.20	83.30	40.90	8.20	6.30	3.10	2.50	2.20		
22	0.70	1.70	3.10	5.70	183.70	140.30	39.20	8.20	5.20	3.10	2.50	2.20		
23	0.80	2.20	2.20	6.90	44.20	147.60	34.50	8.20	6.30	3.40	2.50	2.20		
24	4.20	2.20	2.80	17.40	45.90	499.00	31.50	8.20	6.30	3.10	2.50	1.90		
25	94.30	1.90	19.70	10.30	162.60	143.90	30.00	8.20	6.30	3.10	2.50	1.90		
26	3.70	1.70	303.60	7.50	1130.60	103.40	28.70	8.20	6.30	3.40	2.20	1.90		
27	1.90	2.80	58.60	6.30	126.30	166.50	31.50	8.20	5.70	3.40	2.20	1.90		
28	1.50	5.20	39.20	6.30	60.90	473.30	28.70	8.20	5.70	3.40	2.20	1.90		
29	2.20	6.30	17.40	6.30	54.10	240.00	19.70	7.50	5.70	3.40	2.20	2.20		
30	45.90	40.90	12.80	6.30	94.30	88.80	25.90	6.90	5.70	3.40	2.20	2.20		
31		5.70		78.10	49.80		28.70		5.70	3.10	2.20	2.20		
Total	186.40	313.30	584.30	384.70	6834.00	4621.40	1991.40	309.20	198.40	123.30	80.30	67.80	15694.50	Ton
Mean	6.20	10.10	19.50	12.40	220.50	154.00	64.20	10.30	6.40	4.00	2.80	2.20		
Max	94.30	78.10	303.60	78.10	1661.40	499.00	206.40	18.50	6.90	5.20	3.10	2.80	1661.40	
Min	0.60	1.70	2.20	5.20	44.20	37.60	19.70	6.90	5.20	3.10	2.20	1.50	0.60	