

WATER YEAR : 2011**PING RIVER BASIN****Ping River at Ban Cho Lae , Chiang Mai (P.75)**

Lat 19 - 08 - 58 N Long 99 - 00 - 43 E

Location : on left bank at the bridge on road.

	Ban Cho Lae	Amphoe Mae Teang	Changwat Chiang Mai
Drainage Area	3,088 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2001-Cont'd		
Actual Measurement	2001-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	36		
R-Square	0.8396		
Remarks	Continued Sediment Station		

$$QS = 0.1504 QW^{1.97540}$$

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	59.50	51.80	86.80	139.70	2139.90	2279.00	2519.10	150.30	61.50	42.90	51.80	8.10		
2	59.50	95.30	71.10	162.70	2964.10	2279.00	3183.60	143.20	132.80	42.90	57.60	51.80		
3	61.50	454.70	71.10	193.50	1626.90	2249.80	4288.60	136.20	55.60	42.90	55.60	30.40		
4	61.50	561.30	101.10	166.90	990.10	1688.80	4752.10	129.50	50.00	41.20	51.80	22.40		
5	59.50	446.70	146.70	143.20	522.30	860.60	4517.40	129.50	48.20	44.60	36.40	29.00		
6	57.60	571.20	150.30	129.50	362.00	2034.40	2803.50	158.50	46.40	44.60	12.30	33.30		
7	61.50	391.80	162.70	113.30	349.00	3457.30	1335.00	323.50	44.60	44.60	38.00	33.30		
8	61.50	399.50	136.20	107.10	242.00	1647.40	1226.20	329.90	42.90	42.90	48.20	30.40		
9	61.50	207.50	122.90	110.20	414.90	1448.30	1190.90	236.90	42.90	42.90	48.20	33.30		
10	86.80	522.30	104.10	132.80	1022.30	1316.50	1105.00	132.80	42.90	42.90	89.60	50.00		
11	146.70	107.10	95.30	84.10	1173.50	910.20	1038.50	86.80	38.00	42.90	252.90	132.80		
12	143.20	171.20	101.10	42.90	1410.00	611.90	1647.40	44.60	36.40	42.90	264.10	139.70		
13	158.50	71.10	129.50	46.40	2113.30	872.80	1586.40	95.30	34.90	46.40	264.10	139.70		
14	188.90	61.50	198.10	61.50	1881.00	1487.10	1280.00	107.10	51.80	66.30	252.90	136.20		
15	188.90	317.30	158.50	107.10	1071.50	1757.80	824.10	95.30	34.90	101.10	221.90	101.10		
16	179.90	31.90	143.20	269.70	812.10	1566.30	765.20	84.10	31.90	71.10	136.20	89.60		
17	122.90	57.60	132.80	531.90	571.20	1335.00	422.70	81.40	30.40	68.70	16.70	81.40		
18	71.10	89.60	129.50	505.00	1055.00	1173.50	414.90	81.40	30.40	59.50	39.60	78.80		
19	68.70	479.50	132.80	269.70	1190.90	1121.90	376.80	78.80	29.00	48.20	38.00	76.20		
20	68.70	675.50	129.50	202.70	1226.20	1190.90	342.40	73.70	27.60	44.60	34.90	81.40		
21	63.90	362.00	113.30	399.50	1280.00	1022.30	323.50	68.70	27.60	42.90	30.40	36.40		
22	39.60	287.20	81.40	541.60	1757.80	2397.60	269.70	66.30	27.60	41.20	30.40	81.40		
23	50.00	221.90	50.00	369.40	1506.70	2249.80	252.90	59.50	27.60	34.90	29.00	81.40		
24	136.20	231.90	25.00	430.50	1055.00	1806.60	247.40	136.20	29.00	33.30	6.30	81.40		
25	76.20	129.50	26.30	765.20	1208.50	3848.50	212.20	66.30	27.60	36.40	17.80	78.80		
26	132.80	55.60	57.60	531.90	9672.70	1410.00	193.50	61.50	29.00	48.20	6.30	76.20		
27	139.70	57.60	158.50	376.80	5673.80	3228.50	175.50	63.90	31.90	48.20	26.30	76.20		
28	53.70	76.20	92.40	329.90	3007.30	5449.00	158.50	63.90	42.90	46.40	30.40	71.10		
29	53.70	92.40	73.70	299.00	2612.30	10225.30	162.70	61.50	42.90	46.40	26.30	76.20		
30	66.30	146.70	184.40	258.50	2427.70	3742.20	175.50	59.50	42.90	50.00		76.20		
31		226.90		342.40	2337.90		175.50		42.90	51.80		73.70		
Total	2780.00	7652.30	3365.90	8164.60	55677.90	66668.30	37966.70	3406.10	1285.00	1503.80	2214.00	2187.90	192872.50	Ton
Mean	92.70	246.80	112.20	263.40	1796.10	2222.30	1224.70	113.50	41.50	48.50	76.30	70.60		
Max	188.90	675.50	198.10	765.20	9672.70	10225.30	4752.10	329.90	132.80	101.10	264.10	139.70	10225.30	
Min	39.60	31.90	25.00	42.90	242.00	611.90	158.50	44.60	27.60	33.30	6.30	8.10	6.30	