

WATER YEAR : 2011**PING RIVER BASIN****Ping River at Ban Mae Tae , Chiang Mai (P.67)**

Lat 19 - 01 - 11 N Long 98 - 57 - 43 E

Location : on left bank at the bridge on highway.

	Ban Mae Tae	Amphoe San Sai	Changwat Chiang Mai
Drainage Area	5,323 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	36		
R-Square	0.8737		
Remarks	Continued Sediment Station		

$$QS = 1.6654 QW^{1.56440}$$

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	178.50	1036.60	926.00	848.20	10217.90	8133.40	15095.90	1319.80	399.20	112.20	70.90	6.00		
2	178.50	2193.20	636.80	904.40	16406.20	7514.40	15197.20	1295.20	462.00	112.20	78.60	2.80		
3	178.50	2567.40	687.60	1295.20	10817.90	7245.00	14493.50	1128.20	474.90	107.80	70.90	1.70		
4	178.50	2678.70	1511.20	1198.80	6913.20	6532.90	14894.10	1198.80	501.20	99.20	64.40	2.80		
5	178.50	2127.50	1344.40	848.20	4299.80	5110.10	13801.90	1569.40	449.20	99.20	43.30	31.10		
6	184.90	2293.20	1658.10	636.80	2887.10	9171.70	11525.00	1511.20	423.90	99.20	55.00	2.20		
7	172.20	1934.70	2428.90	541.60	2160.30	16406.20	7111.60	1840.80	399.20	107.80	38.10	1.20		
8	172.20	1270.90	1175.10	462.00	2293.20	9713.50	6226.20	1540.20	399.20	112.20	46.20	1.20		
9	211.20	1246.70	926.00	449.20	2719.90	8063.70	6348.20	1453.90	488.00	112.20	38.10	1.70		
10	264.20	1151.60	848.20	474.90	3869.00	7045.30	5924.80	1453.90	399.20	107.80	116.60	15.50		
11	411.50	1014.10	829.80	555.30	5110.10	5338.40	4941.20	1198.80	317.00	103.40	140.10	184.90		
12	375.00	829.80	991.80	904.40	7379.20	4299.80	4348.70	969.70	305.80	107.80	399.20	191.40		
13	399.20	488.00	1246.70	704.90	8721.20	5924.80	4941.20	926.00	288.90	121.20	603.70	197.90		
14	462.00	449.20	1425.50	653.60	7312.00	11078.80	4609.70	687.60	288.90	159.90	555.30	191.40		
15	449.20	488.00	1246.70	1198.80	6044.70	10645.20	3869.00	775.40	248.20	288.90	587.40	159.90		
16	297.30	587.40	947.80	2360.70	5687.60	8572.90	4251.20	793.40	197.90	140.10	528.00	140.10		
17	224.80	926.00	757.50	3822.20	5512.00	7245.00	3500.00	793.40	184.90	112.20	351.40	112.20		
18	197.90	1482.40	687.60	2929.50	6348.20	6044.70	3636.80	885.60	178.50	103.40	144.90	94.90		
19	211.20	3320.60	687.60	2193.20	6913.20	6719.50	3188.30	775.40	184.90	90.60	116.60	94.90		
20	224.80	4397.80	587.40	1840.80	7379.20	7178.20	2678.70	687.60	178.50	74.70	107.80	90.60		
21	375.00	2094.90	636.80	1840.80	6913.20	6287.10	2463.20	722.30	191.40	74.70	103.40	74.70		
22	351.40	1295.20	757.50	2062.50	7925.10	8646.90	2293.20	670.50	140.10	74.70	90.60	144.90		
23	288.90	1246.70	528.00	1453.90	7111.60	8572.90	2127.50	620.20	149.90	64.40	78.60	78.60		
24	904.40	991.80	399.20	1748.60	5687.60	7582.30	1934.70	636.80	144.90	99.20	74.70	107.80		
25	1809.90	904.40	423.90	2972.10	4774.40	8721.20	1840.80	603.70	140.10	94.90	55.00	103.40		
26	1598.80	620.20	793.40	2394.70	11709.00	8646.90	1809.90	603.70	135.40	103.40	8.40	116.60		
27	848.20	793.40	2127.50	1569.40	18971.80	12644.90	1511.20	687.60	116.60	99.20	26.80	256.10		
28	423.90	1082.00	1903.20	1198.80	12267.40	34423.10	1369.30	603.70	107.80	94.90	52.00	204.50		
29	387.00	1059.20	1425.50	1059.20	10731.40	40460.70	1748.60	555.30	103.40	103.40	24.70	240.30		
30	1014.10	1369.30	1222.60	969.70	8572.90	26661.80	2428.90	501.20	103.40	107.80		184.90		
31		1998.20		1425.50	8279.00		1934.70		112.20	103.40		82.60		
Total	13151.70	45939.10	31768.30	43517.90	231935.30	320631.30	172045.20	29009.30	8214.70	3392.00	4670.70	3118.80	907394.40	Ton
Mean	438.40	1481.90	1058.90	1403.80	7481.80	10687.70	5549.80	967.00	265.00	109.40	161.10	100.60		
Max	1809.90	4397.80	2428.90	3822.20	18971.80	40460.70	15197.20	1840.80	501.20	288.90	603.70	256.10	40460.70	
Min	172.20	449.20	399.20	449.20	2160.30	4299.80	1369.30	501.20	103.40	64.40	8.40	1.20	1.20	