

WATER YEAR : 2011**PING RIVER BASIN****Ping River at Nawarat Bridge , Chiang Mai (P.1)**

Lat 18 - 47 - 10 N Long 99 - 00 - 27 E

Location : on left bank about 100 meters downstream from Nawarat Bridge.

	Ban Nawarat Bridge	Amphoe Mueang	Changwat Chiang Mai
Drainage Area	6,350 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1993-Cont'd		
Actual Measurement	1993-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	37		
R-Square	0.8637		
Remarks	Continued Sediment Station		

$$QS = 0.6712 QW^{1.66750}$$

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	118.40	521.10	798.00	828.10	8826.10	5409.70	17275.80	1097.30	521.10	89.40	80.50	47.70		
2	108.40	1397.60	546.60	798.00	19194.50	5240.70	14697.20	958.20	496.20	150.60	80.50	37.10		
3	118.40	2003.00	626.20	958.20	10467.90	5158.00	12770.00	858.90	496.20	150.60	80.50	19.30		
4	118.40	2391.40	1097.30	1026.80	5846.80	4594.00	12373.60	958.20	546.60	150.60	80.50	16.30		
5	128.80	1819.30	1517.60	891.50	3008.10	3631.20	11596.10	1061.80	521.10	150.60	65.50	19.30		
6	128.80	2097.50	1956.40	626.20	2242.50	7549.60	9386.50	1061.80	496.20	139.60	47.70	23.30		
7	162.00	1686.20	2145.40	546.60	2050.10	15288.90	5158.00	1319.80	447.40	139.60	47.70	16.30		
8	162.00	1133.20	1133.20	496.20	2145.40	9981.40	4283.50	958.20	400.80	139.60	47.70	16.30		
9	188.00	828.10	798.00	471.50	2341.30	6481.50	4131.60	1026.80	356.50	139.60	47.70	19.30		
10	249.10	958.20	681.60	521.10	3313.80	5582.90	3907.80	1097.30	334.90	139.60	53.40	32.30		
11	299.40	992.30	653.60	738.90	4752.40	4437.70	3313.80	858.90	334.90	139.60	217.70	162.00		
12	299.40	738.90	709.90	828.10	5935.90	3129.00	2830.40	738.90	334.90	139.60	334.90	162.00		
13	334.90	572.70	828.10	626.20	6481.50	5158.00	3008.10	681.60	317.00	139.60	334.90	188.00		
14	356.50	496.20	958.20	626.20	5409.70	8716.70	3376.30	626.20	317.00	217.70	356.50	233.20		
15	378.40	471.50	992.30	1358.40	4752.40	10838.80	2948.40	599.10	282.20	496.20	400.80	282.20		
16	299.40	546.60	828.10	1956.40	5158.00	7549.60	2544.00	626.20	233.20	249.10	233.20	188.00		
17	233.20	828.10	709.90	2544.00	4056.40	5075.80	2657.10	599.10	217.70	162.00	80.50	139.60		
18	249.10	1358.40	681.60	2145.40	3696.10	4131.60	2714.40	626.20	233.20	139.60	65.50	71.90		
19	202.60	1910.30	653.60	1558.40	4594.00	4283.50	2492.70	709.90	217.70	139.60	59.30	71.90		
20	265.50	2657.10	599.10	1437.10	5323.90	6115.60	2003.00	891.50	188.00	118.40	47.70	89.40		
21	265.50	2003.00	626.20	1358.40	4752.40	4994.20	1686.20	798.00	173.80	108.40	42.30	59.30		
22	265.50	1206.50	653.60	1358.40	5758.30	6855.80	1558.40	738.90	173.80	108.40	42.30	53.40		
23	233.20	958.20	572.70	1319.80	5240.70	7243.10	1477.10	738.90	173.80	108.40	13.50	80.50		
24	496.20	768.30	546.60	1319.80	4056.40	5758.30	1358.40	738.90	173.80	108.40	13.50	65.50		
25	924.60	681.60	521.10	1956.40	3313.80	7446.90	1206.50	709.90	173.80	98.70	37.10	71.90		
26	1026.80	521.10	924.60	1956.40	6950.70	8284.60	1133.20	709.90	173.80	80.50	32.30	98.70		
27	626.20	572.70	1730.10	1477.10	16963.80	9157.60	1097.30	653.60	162.00	98.70	23.30	150.60		
28	423.90	768.30	1774.50	1061.80	13851.10	28323.10	1061.80	653.60	162.00	89.40	47.70	173.80		
29	334.90	709.90	1397.60	992.30	10223.50	46328.80	1097.30	599.10	162.00	89.40	47.70	188.00		
30	496.20	798.00	1061.80	958.20	6481.50	36378.30	1319.80	546.60	150.60	80.50		162.00		
31		1169.60		1281.60	5670.30		1558.40		150.60	89.40		108.40		
Total	9493.70	35564.90	28723.50	36023.50	192859.30	289124.90	138022.70	24243.30	9122.80	4391.40	3062.40	3047.50	773679.90	Ton
Mean	316.50	1147.30	957.40	1162.00	6221.30	9637.50	4452.30	808.10	294.30	141.70	105.60	98.30		
Max	1026.80	2657.10	2145.40	2544.00	19194.50	46328.80	17275.80	1319.80	546.60	496.20	400.80	282.20	46328.80	
Min	108.40	471.50	521.10	471.50	2050.10	3129.00	1061.80	546.60	150.60	80.50	13.50	16.30	13.50	