

WATER YEAR : 2011**PING RIVER BASIN****Mae Taeng at Ban Mae Taeng , Chiang Mai (P.4A)**

Lat 19 - 07 - 15 N Long 98 - 56 - 53 E

Location : on right bank at the bridge of Chiang Mai from Fang Highway.

	Ban Mae Taeng	Amphoe Mae Taeng	Changwat Chiang Mai
Drainage Area	1,930 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1992-Cont'd		
Actual Measurement	1992-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	35		
R-Square	0.9187		
Remarks	Continued Sediment Station		

$$QS = 1.4301 QW^{1.68960}$$

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	0.10	272.30	281.70	91.90	6165.40	1293.40	5412.30	392.60	272.30	1.20	0.80	0.50		
2	0.10	1145.40	182.40	157.00	3424.30	1041.20	6505.20	360.80	254.10	1.20	0.80	0.50		
3	0.10	1022.40	272.30	157.00	3062.20	1059.80	3286.60	350.50	245.10	1.10	0.80	0.40		
4	0.10	826.60	895.80	144.80	1666.60	967.20	3018.10	436.50	245.10	1.10	0.80	0.40		
5	0.10	436.50	743.60	74.20	1243.20	1448.60	2016.70	792.90	245.10	1.00	0.80	0.40		
6	0.10	403.40	2654.00	31.70	985.60	3241.20	2311.60	618.00	230.50	1.00	0.80	0.40		
7	0.10	195.50	826.60	14.20	618.00	5973.20	1751.60	340.30	195.50	1.00	0.80	0.40		
8	0.10	195.50	340.30	3.80	502.10	2654.00	1396.10	330.20	175.80	1.00	0.80	0.30		
9	0.10	230.50	230.50	2.70	502.10	2108.40	1293.40	340.30	175.80	1.00	0.80	0.30		
10	0.10	320.30	216.30	78.50	516.10	1638.70	1243.20	381.90	175.80	1.00	0.70	0.30		
11	0.10	272.30	237.70	23.90	949.30	1059.80	967.20	291.10	175.80	1.00	0.70	0.40		
12	0.10	202.40	360.80	106.20	1556.10	2423.60	760.10	263.10	175.80	1.10	0.70	0.50		
13	0.10	209.20	792.90	18.70	2423.60	2654.00	695.50	245.10	175.80	1.50	0.70	0.50		
14	0.10	188.90	436.50	4.60	1723.10	6715.60	695.50	245.10	175.80	18.70	0.70	0.60		
15	0.10	188.90	263.10	150.80	1169.50	4004.00	603.10	272.30	175.80	22.10	0.70	0.60		
16	0.10	371.30	163.10	633.00	1556.10	2537.70	985.60	291.10	175.80	2.30	0.70	0.60		
17	0.00	1145.40	96.60	679.60	1396.10	2016.70	985.60	281.70	144.80	1.50	0.60	0.60		
18	0.00	985.60	40.20	381.90	3378.10	2499.40	949.30	371.30	87.30	1.20	0.60	0.60		
19	0.10	1638.70	36.90	182.40	4765.10	2170.50	878.50	371.30	78.50	1.20	0.60	0.60		
20	175.80	2238.20	82.80	138.80	2274.80	2386.00	743.60	371.30	70.00	1.10	0.60	0.60		
21	132.90	1556.10	447.80	195.50	2139.40	2108.40	743.60	350.50	65.90	1.00	0.70	0.10		
22	111.10	633.00	202.40	182.40	2386.00	3851.10	711.30	320.30	50.60	0.80	0.70	0.30		
23	223.40	281.70	50.60	169.30	1666.60	2108.40	664.10	320.30	40.20	0.70	0.70	0.30		
24	436.50	182.40	25.80	392.60	1318.70	2108.40	502.10	320.30	27.70	0.70	0.60	0.30		
25	1344.30	163.10	40.20	760.10	1097.70	2077.70	447.80	330.20	14.20	0.70	0.70	0.30		
26	711.30	188.90	150.80	381.90	2772.30	2047.10	447.80	371.30	2.70	0.70	0.70	0.30		
27	263.10	272.30	544.50	169.30	2732.60	3611.40	447.80	371.30	1.50	0.70	0.70	0.30		
28	150.80	425.40	403.40	74.20	2201.80	11821.50	447.80	360.80	1.50	0.70	0.70	0.30		
29	144.80	381.90	310.40	58.00	1926.60	14967.00	447.80	291.10	1.20	0.70	0.60	0.30		
30	163.10	461.30	195.50	65.90	1528.90	9682.30	447.80	281.70	1.20	0.70		0.30		
31		664.10		87.30	1293.40		425.40		1.20	0.70		0.30		
Total	3858.80	17699.50	11525.50	5612.20	60941.40	104276.30	42232.10	10665.20	3858.40	70.40	20.60	12.60	260773.00	Ton
Mean	128.60	571.00	384.20	181.00	1965.90	3475.90	1362.30	355.50	124.50	2.30	0.70	0.40		
Max	1344.30	2238.20	2654.00	760.10	6165.40	14967.00	6505.20	792.90	272.30	22.10	0.80	0.60	14967.00	
Min	0.00	163.10	25.80	2.70	502.10	967.20	425.40	245.10	1.20	0.70	0.60	0.10	0.00	