

WATER YEAR : 2011**CHI RIVER BASIN****Lam Nam Phong at Ban Tha Mao , Khon Kaen (E.22B)**

Lat 16 - 39 - 13 N Long 102 - 49 - 39 E

Location : on right bank at Ban Tha Mao.

	Ban	Tha Mao	Amphoe	Nam Phong	Changwat	Khon Kaen
Drainage Area	13,638 sq.km.					
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	2004-Cont'd					
Actual Measurement	2004-Cont'd					
Using Rating Curve Water Year	2004-2011					
Number of observation	163					
R-Square	0.7717					
Remarks	Continued Sediment Station					

$$QS = 3.1322 QW^{1.06740}$$

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	66.10	36.80	445.50	333.50	526.40	1102.20	2148.30	1314.00	244.10	294.60	316.00	94.00		
2	58.00	41.50	479.20	328.10	569.00	1134.10	2165.00	1256.80	245.50	306.70	318.70	137.20		
3	60.40	60.40	495.30	321.40	593.20	1174.90	2355.40	1224.60	250.70	317.40	316.00	250.70		
4	66.90	75.80	498.50	317.40	619.30	1198.30	2599.00	1189.50	260.00	320.10	317.40	318.70		
5	85.70	66.90	504.90	316.00	634.20	1224.60	2784.40	1166.20	301.30	308.00	318.70	325.50		
6	145.70	40.30	526.40	312.00	593.20	1266.00	2769.00	1145.80	385.30	278.60	316.00	330.80		
7	182.20	39.70	550.50	309.30	559.70	1338.00	2635.80	1134.10	385.30	285.30	316.00	337.60		
8	188.70	38.50	554.20	291.90	522.70	1446.10	2687.00	1131.20	322.80	297.30	318.70	343.10		
9	193.00	39.70	563.40	274.60	508.20	1481.50	2646.00	1113.80	375.20	305.30	328.10	316.00		
10	197.60	72.60	567.10	301.30	515.30	1521.00	2676.70	1125.40	426.30	290.60	316.00	238.90		
11	196.40	183.30	554.20	313.40	546.70	1517.10	2707.50	1142.90	458.30	236.20	279.90	213.90		
12	193.00	185.40	519.00	376.60	570.90	1457.90	2738.20	1151.60	471.10	260.00	296.00	212.60		
13	193.00	160.70	506.50	469.50	574.60	1392.90	2861.50	1154.50	445.50	287.90	302.60	224.40		
14	191.90	138.20	488.80	515.30	589.50	1379.20	3000.50	1140.00	463.10	297.30	304.00	229.60		
15	188.70	181.10	480.80	557.90	664.20	1442.10	3063.50	1044.20	443.90	313.40	302.60	231.00		
16	193.00	184.30	479.20	593.20	715.00	1556.60	3146.20	871.40	432.70	316.00	301.30	237.50		
17	196.40	167.10	472.70	638.00	769.70	1679.60	3146.20	677.30	429.50	313.40	300.00	241.50		
18	197.60	122.40	467.90	574.60	948.00	1783.30	3096.50	561.60	421.50	305.30	305.30	244.10		
19	183.30	118.20	482.40	528.20	1154.50	1855.20	3016.00	509.80	415.10	296.00	317.40	240.20		
20	139.30	139.30	504.90	471.10	1266.00	1913.80	2876.90	482.40	378.00	313.40	322.80	228.30		
21	126.60	191.90	490.40	404.00	1314.00	2046.90	2717.70	469.50	270.60	336.20	330.80	211.30		
22	72.60	207.30	389.90	380.80	1320.80	2301.60	2599.00	400.80	153.20	372.40	333.50	213.90		
23	49.20	236.20	283.90	383.80	1293.40	2482.60	2459.70	330.80	204.90	388.40	317.40	213.90		
24	45.20	244.10	186.50	373.80	1242.10	2580.60	2355.40	285.30	274.60	397.60	301.30	213.90		
25	42.10	249.40	182.20	348.60	1131.20	2646.00	2234.70	336.20	306.70	386.80	328.10	223.10		
26	39.70	258.70	211.30	394.60	1076.00	2553.00	2109.40	306.70	310.70	372.40	344.40	213.90		
27	39.10	281.30	291.90	479.20	1056.20	2391.00	1986.60	276.00	320.10	368.20	341.70	173.50		
28	37.90	309.30	328.10	513.50	1039.30	2289.50	1846.20	261.30	294.60	359.80	253.40	153.20		
29	39.70	383.80	347.20	552.30	1053.80	2216.50	1683.60	254.70	306.70	333.50	98.10	147.80		
30	38.50	389.90	340.30	543.00	1099.30	2176.10	1525.00	246.80	313.40	305.30		126.60		
31		399.20		513.50	1113.80		1403.20		309.30	313.40		100.60		
Total	3647.50	5243.30	13193.10	13030.40	26180.20	52548.20	78040.10	23705.20	10620.00	9876.80	8862.20	6987.30	251934.30	Ton
Mean	121.60	169.10	439.80	420.30	844.50	1751.60	2517.40	790.20	342.60	318.60	305.60	225.40		
Max	197.60	399.20	567.10	638.00	1320.80	2646.00	3146.20	1314.00	471.10	397.60	344.40	343.10	3146.20	
Min	37.90	36.80	182.20	274.60	508.20	1102.20	1403.20	246.80	153.20	236.20	98.10	94.00	36.80	