

WATER YEAR : 2011**CHI RIVER BASIN****Lam Chiang at Ban Chiang , Chaiyaphum (E.72)**

Lat 16 - 01 - 26 N Long 101 - 30 - 12 E

Location : on left bank at Ban Chiang School.

	Ban Chiang	Amphoe Phak Di Chumpho Changwat Chaiyaphum
Drainage Area	323 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	2011	
Number of observation	20	
R-Square	0.8753	
Remarks	Continued Sediment Station	

$$QS = 5.4380 QW^{1.35030}$$

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	1.10	21.80	56.80	383.10	122.80	254.60	27.30	7.10	3.80	2.90	1.60		
2	0.10	2.50	70.10	53.50	380.60	68.40	167.70	25.10	7.10	3.80	2.90	1.60		
3	0.10	0.70	94.10	49.60	667.70	76.60	175.80	22.90	7.10	3.80	2.70	1.60		
4	0.80	0.40	77.90	45.70	342.30	57.60	150.20	21.30	6.80	3.60	2.70	1.60		
5	0.70	0.50	25.10	27.30	125.80	52.00	180.70	20.80	6.80	3.60	2.50	1.60		
6	0.50	0.30	15.30	14.30	51.20	63.30	291.10	20.80	6.80	3.60	2.50	1.50		
7	1.10	0.20	12.90	7.40	38.20	422.60	182.30	20.80	6.50	3.60	2.30	1.50		
8	1.00	0.20	9.40	5.30	33.00	226.30	137.90	20.80	6.50	3.40	2.30	1.50		
9	0.70	0.20	6.20	4.40	27.80	583.00	114.00	20.80	6.50	3.40	2.10	1.50		
10	0.40	0.30	5.10	3.80	68.40	2091.10	122.80	18.70	6.50	3.40	2.00	1.80		
11	0.30	0.20	3.20	3.20	44.20	756.10	87.30	18.20	6.20	3.40	2.00	7.70		
12	0.20	0.20	1.10	2.50	30.10	1256.50	76.60	17.70	6.20	3.40	2.00	5.50		
13	0.20	0.20	0.50	2.30	19.80	2243.80	94.10	17.20	6.00	3.40	1.90	1.80		
14	0.20	0.20	0.40	3.00	17.20	1165.40	75.30	16.70	6.00	3.40	1.90	1.60		
15	0.20	1.80	0.30	3.40	36.10	942.40	98.30	16.30	5.70	3.40	1.90	1.50		
16	0.20	1.60	0.30	2.50	36.80	1725.50	87.30	14.80	5.70	3.40	1.90	1.50		
17	0.20	1.40	0.50	2.30	67.50	533.20	63.30	13.40	5.50	3.40	1.90	1.40		
18	0.10	0.50	5.50	18.70	102.50	287.40	56.80	12.50	5.50	3.40	1.90	3.20		
19	0.10	0.50	5.30	106.80	351.80	175.80	50.40	12.00	5.50	3.40	1.80	2.00		
20	0.10	4.00	2.50	52.00	898.00	140.90	44.20	11.60	5.30	3.40	1.80	1.70		
21	0.10	1.70	2.90	111.10	796.00	112.50	42.70	11.10	5.30	7.10	1.80	1.30		
22	0.10	0.90	1.80	122.80	583.00	153.40	41.90	10.70	5.10	6.20	1.70	1.10		
23	0.10	0.50	1.40	88.60	204.00	307.90	39.70	10.30	4.90	4.60	1.70	1.10		
24	0.10	0.20	1.20	68.40	92.70	448.20	36.10	10.30	4.60	3.80	1.70	1.00		
25	0.10	0.20	1.00	410.10	63.30	363.70	34.20	9.80	4.40	3.40	1.70	1.00		
26	0.10	0.20	1.60	276.30	54.30	200.60	32.40	9.40	4.40	3.20	1.70	0.90		
27	0.10	1.70	41.20	83.20	45.70	344.60	31.80	9.40	4.20	3.00	1.70	0.90		
28	0.10	60.00	4.90	45.70	58.40	1099.40	30.70	9.10	4.20	3.00	1.60	0.90		
29	0.10	140.90	17.70	62.50	498.70	1224.90	30.10	8.70	4.00	3.00	1.60	0.90		
30	0.10	56.80	14.80	25.60	671.00	410.10	29.50	8.70	4.00	3.00		0.90		
31		48.00		18.20	229.80		29.50		3.80	3.00		0.80		
Total	8.30	328.10	446.00	1777.30	7019.00	17656.00	2889.30	467.20	174.20	113.30	59.10	54.50	30992.30	Ton
Mean	0.30	10.60	14.90	57.30	226.40	588.50	93.20	15.60	5.60	3.70	2.00	1.80		
Max	1.10	140.90	94.10	410.10	898.00	2243.80	291.10	27.30	7.10	2.90	7.70	2243.80		
Min	0.10	0.20	0.30	2.30	17.20	52.00	29.50	8.70	3.80	3.00	1.60	0.80	0.10	