

WATER YEAR : 2011**CHI RIVER BASIN****Lam Saphung at Ban Na Charoen , Chaiyaphum (E.83)**

Lat 16 - 09 - 21 N Long 101 - 39 - 13 E

Location : on left bank at Ban Na Charoen.

	Ban Na Charoen	Amploe Nong Bua Daeng	Changwat Chaiyaphum
Drainage Area	744 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2005-Cont'd		
Actual Measurement	2005-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	20		
R-Square	0.8352		
Remarks	Continued Sediment Station		

$$QS = 1.6660 QW^{1.35030}$$

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	0.40	0.50	17.10	2.00	314.90	119.70	295.80	46.30	8.70	1.80	1.10	0.30		
2	0.40	0.70	22.40	3.60	455.00	103.60	227.60	45.40	8.30	1.70	1.00	0.20		
3	0.40	1.20	22.20	4.60	492.40	106.20	246.40	35.80	7.90	1.60	1.00	0.20		
4	0.40	1.60	15.60	4.50	397.20	145.40	374.40	34.80	7.70	1.60	1.00	0.20		
5	0.50	1.40	12.80	4.40	339.10	155.70	310.40	34.60	7.50	1.60	1.10	0.20		
6	0.50	1.20	10.20	4.20	266.20	205.70	327.50	33.80	7.10	1.60	1.10	0.10		
7	0.60	1.10	7.90	4.10	200.60	277.30	262.20	32.90	6.80	1.50	1.20	0.10		
8	0.70	1.00	6.30	4.10	138.30	194.60	202.30	32.40	6.60	1.50	1.30	0.10		
9	0.80	1.00	5.80	4.00	97.80	273.20	191.20	29.70	6.30	1.40	1.20	0.60		
10	0.80	0.90	5.20	4.00	79.60	385.10	219.70	27.60	5.90	1.40	1.20	0.60		
11	0.80	1.20	4.60	3.90	65.50	656.50	193.70	26.50	5.60	1.30	1.10	0.50		
12	0.80	1.30	4.00	4.20	57.20	2232.90	154.90	25.30	5.20	1.20	1.00	0.50		
13	0.70	1.40	3.40	5.00	54.20	3743.00	140.60	22.80	5.00	1.20	0.90	0.50		
14	0.70	2.50	2.90	5.70	55.50	2059.30	152.50	20.90	4.70	1.20	0.80	0.90		
15	0.70	14.60	2.40	6.10	99.70	1184.90	196.30	19.60	4.50	1.20	0.70	0.80		
16	0.70	11.10	1.90	6.10	93.70	819.80	230.30	17.90	4.20	1.20	0.70	0.70		
17	0.70	8.40	1.70	6.20	146.90	484.50	244.60	17.30	4.00	1.20	0.70	0.70		
18	0.60	6.60	1.60	6.60	124.50	374.40	232.00	15.00	3.80	1.20	0.70	0.60		
19	0.50	6.20	1.60	12.30	139.90	349.60	157.30	14.50	3.60	1.10	0.60	0.60		
20	0.50	5.70	1.60	15.00	243.70	282.40	133.60	13.40	3.50	1.10	0.60	0.60		
21	0.50	4.80	1.50	19.40	314.90	394.80	111.60	13.10	3.40	1.40	0.50	0.50		
22	0.50	3.70	1.50	33.10	298.90	522.50	96.10	12.80	3.00	1.80	0.50	0.50		
23	0.50	3.10	1.40	31.40	242.80	430.50	87.50	12.30	2.80	2.50	0.50	0.40		
24	0.50	2.80	1.40	29.00	192.00	369.60	76.30	12.20	2.70	2.10	0.40	0.30		
25	0.40	2.60	1.30	29.50	146.90	312.60	72.60	11.90	2.60	1.80	0.40	0.20		
26	0.40	3.60	1.30	34.10	120.40	232.90	61.60	11.60	2.40	1.60	0.40	0.20		
27	0.40	5.00	1.30	35.10	136.00	294.70	54.90	11.10	2.20	1.40	0.40	0.20		
28	0.40	8.60	1.20	35.30	153.30	597.80	50.60	10.20	2.10	1.30	0.40	0.10		
29	0.40	14.30	1.20	34.10	168.70	445.70	49.90	9.80	2.00	1.20	0.40	0.10		
30	0.40	17.10	1.20	33.30	159.70	339.10	49.90	9.70	1.90	1.10	0.40	0.10		
31		16.20		32.40	182.80		49.60		1.80	1.10		0.10		
Total	16.60	151.40	164.50	457.30	5978.30	18094.00	5253.90	661.20	143.80	44.90	22.90	11.70	31000.50	Ton
Mean	0.60	4.90	5.50	14.80	192.80	603.10	169.50	22.00	4.60	1.40	0.80	0.40		
Max	0.80	17.10	22.40	35.30	492.40	3743.00	374.40	46.30	8.70	2.50	1.30	0.90	3743.00	
Min	0.40	0.50	1.20	2.00	54.20	103.60	49.60	9.70	1.80	1.10	0.40	0.10	0.10	