

**WATER YEAR : 2011****KHONG RIVER BASIN****Loei River at Ban Keng Bong , Loei (Kh.61)**

Lat 17 - 07 - 44 N Long 101 - 40 - 56 E

**Location : on right bank at the bridge of Amphoe Wang Saphung - Ban Nong Khan Road.**

	<b>Ban Keng Bong</b>	<b>Amphoe Phu Luang</b>	<b>Changwat Loei</b>
<b>Drainage Area</b>	549 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	1998-Cont'd		
<b>Actual Measurement</b>	1998-Cont'd		
<b>Using Rating Curve Water Year</b>	1998-2011		
<b>Number of observation</b>	234		
<b>R-Square</b>	0.7190		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 6.8976 QW^{1.38230}$$

**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	3.70	23.90	142.00	174.70	8735.80	765.10	1650.50	99.20	118.80	35.90	23.00	16.80		
2	2.60	23.90	136.80	152.70	5180.20	841.90	1782.00	94.40	106.40	40.20	23.90	17.60		
3	2.60	24.90	142.00	131.60	8963.60	1139.80	10981.00	92.10	92.10	41.30	24.90	18.50		
4	2.60	24.90	144.70	123.90	4640.80	1056.10	8584.90	92.10	78.30	41.30	25.80	18.50		
5	2.40	24.90	163.60	116.30	894.10	1446.00	2053.20	87.40	65.20	40.20	26.80	19.40		
6	2.40	24.90	273.20	106.40	362.20	2296.60	1702.80	85.10	54.80	40.20	27.80	19.40		
7	2.40	24.90	174.70	106.40	240.60	2464.60	1547.30	82.90	45.70	41.30	28.80	18.50		
8	4.30	24.90	155.40	118.80	170.50	2635.80	1421.00	85.10	42.40	41.30	28.80	17.60		
9	3.70	24.90	147.30	139.40	147.30	1650.50	1371.30	92.10	39.10	40.20	27.80	17.60		
10	3.20	24.90	136.80	116.30	606.00	5567.40	1327.00	99.20	38.10	40.20	27.80	18.50		
11	3.20	24.90	113.80	106.40	678.20	9116.30	1239.60	89.80	37.00	39.10	26.80	22.10		
12	3.20	24.90	89.80	99.20	920.60	32001.10	1196.50	85.10	37.00	38.10	26.80	28.80		
13	2.20	24.90	61.00	82.90	629.80	22023.40	1042.30	80.60	35.90	37.00	25.80	28.80		
14	1.60	24.90	33.80	78.30	377.70	2197.40	446.90	76.10	35.90	35.90	25.80	28.80		
15	1.60	24.90	42.40	78.30	282.80	1835.40	48.80	71.70	35.90	34.90	24.90	40.20		
16	1.60	24.90	42.40	78.30	187.40	1729.10	32.80	67.40	34.90	34.90	23.90	52.80		
17	1.60	24.90	42.40	76.10	666.00	1598.70	71.70	63.10	34.90	34.90	23.00	29.80		
18	1.60	24.90	42.40	85.10	5290.10	1446.00	108.90	58.90	34.90	34.90	22.10	22.10		
19	1.60	29.80	42.40	178.90	947.30	1446.00	136.80	54.80	34.90	34.90	21.20	20.30		
20	1.60	38.10	41.30	362.20	9269.70	1471.20	150.00	50.80	34.90	33.80	20.30	19.40		
21	1.60	32.80	40.20	254.40	3542.50	1572.90	150.00	46.90	33.80	33.80	19.40	18.50		
22	1.80	30.80	38.10	297.30	947.30	1729.10	147.30	45.70	33.80	33.80	18.50	17.60		
23	9.60	28.80	34.90	204.70	457.80	1139.80	142.00	42.40	33.80	33.80	18.50	17.60		
24	11.10	31.80	30.80	147.30	307.00	357.10	139.40	40.20	33.80	32.80	18.50	17.60		
25	12.60	34.90	43.50	155.40	1396.10	321.80	136.80	39.10	33.80	31.80	17.60	16.80		
26	12.60	34.90	249.80	196.00	1371.30	321.80	136.80	38.10	33.80	29.80	17.60	16.80		
27	2.40	34.90	1943.50	183.10	326.80	841.90	134.20	37.00	32.80	27.80	17.60	15.90		
28	0.00	39.10	155.40	160.80	209.10	3246.10	131.60	35.90	32.80	25.80	17.60	15.10		
29	0.00	129.00	907.40	101.60	245.20	1650.50	129.00	34.90	32.80	24.90	16.80	15.10		
30	0.00	136.80	170.50	80.60	1283.10	1547.30	126.40	33.80	32.80	23.90	14.20	14.20		
31		131.60		594.20	1782.00		126.40		32.80	23.00	14.20	14.20		
<b>Total</b>	101.40	1179.50	5782.30	4887.60	61058.90	107456.70	38395.20	2001.90	1403.90	1081.70	668.10	654.90	224672.10	<b>Ton</b>
<b>Mean</b>	3.40	38.00	192.70	157.70	1969.60	3581.90	1238.60	66.70	45.30	34.90	23.00	21.10		
<b>Max</b>	12.60	136.80	1943.50	594.20	9269.70	32001.10	10981.00	99.20	118.80	41.30	28.80	52.80	32001.10	
<b>Min</b>	0.00	23.90	30.80	76.10	147.30	321.80	32.80	33.80	32.80	23.00	16.80	14.20	0.00	