

WATER YEAR : 2011**KHONG RIVER BASIN****Loei River at Ban Fak loei , Loei (Kh.58A)**

Lat 17 - 29 - 36 N Long 101 - 44 - 17 E

Location : on left bank at the bridge on road.

	Ban Fak Loei	Amphoe Mueang	Changwat Loei
Drainage Area	3,093 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	1998-2011		
Number of observation	299		
R-Square	0.8345		
Remarks	Continued Sediment Station		

$$QS = 7.0552 QW^{1.23600}$$

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	39.10	200.50	603.90	628.50	10461.80	4745.00	4681.60	399.50	135.10	54.10	51.60	27.40			
2	36.70	240.90	579.50	515.50	11928.90	4432.60	6077.10	407.10	130.60	62.00	49.00	29.70			
3	36.70	187.40	678.20	720.10	12004.60	3942.60	14183.80	399.50	118.50	64.60	49.00	29.70			
4	44.00	126.00	1044.20	595.80	11319.10	2906.70	30494.20	392.00	112.50	62.00	51.60	25.20			
5	46.50	109.60	1181.70	499.70	5350.60	3506.80	18754.30	340.10	106.60	62.00	54.10	27.40			
6	36.70	153.80	1555.70	407.10	2187.80	5900.10	8018.90	318.30	103.70	59.30	62.00	29.70			
7	39.10	200.50	3042.20	282.60	1334.10	10024.10	4766.10	282.60	95.10	59.30	67.30	29.70			
8	44.00	130.60	2923.30	240.90	999.10	10335.40	2906.70	303.90	89.40	59.30	64.60	27.40			
9	56.70	130.60	1453.80	311.10	720.10	6077.10	2526.30	384.50	89.40	56.70	62.00	27.40			
10	51.60	92.20	779.60	1032.90	669.80	6485.30	2282.10	414.60	83.70	56.70	59.30	27.40			
11	46.50	72.70	484.00	1965.80	645.00	8648.30	1919.90	429.90	75.40	56.70	51.60	34.40			
12	41.60	72.70	460.70	1263.30	1981.10	11583.80	1541.10	507.60	70.00	54.10	44.00	49.00			
13	41.60	97.90	476.20	1393.70	3745.20	31142.40	1228.20	460.70	70.00	54.10	36.70	62.00			
14	39.10	289.70	476.20	1541.10	3963.10	40306.20	1263.30	377.00	70.00	51.60	29.70	64.60			
15	34.40	234.10	414.60	1721.00	2824.40	25489.50	1357.90	325.50	67.30	51.60	32.00	59.30			
16	29.70	422.20	399.50	1541.10	1889.40	14587.30	1796.10	234.10	67.30	49.00	34.40	54.10			
17	29.70	445.20	437.50	1228.20	2060.80	8767.10	1721.00	247.80	67.30	46.50	34.40	49.00			
18	29.70	437.50	407.10	728.60	8859.00	4972.70	1599.80	261.60	64.60	46.50	32.00	49.00			
19	32.00	407.10	531.40	661.50	9469.10	4972.70	1429.70	227.30	64.60	44.00	32.00	51.60			
20	25.20	678.20	620.30	1135.50	5649.10	8978.40	1078.20	220.50	64.60	46.50	29.70	54.10			
21	18.70	571.40	452.90	694.90	8048.90	8018.90	954.40	213.80	62.00	59.30	29.70	49.00			
22	32.00	384.50	282.60	910.10	4576.20	9531.30	943.20	187.40	62.00	70.00	29.70	41.60			
23	130.60	207.10	187.40	888.00	2494.20	8828.40	866.10	174.40	59.30	80.90	27.40	36.70			
24	20.80	180.90	118.50	1066.90	1441.70	7185.40	653.20	163.20	59.30	95.10	27.40	34.40			
25	29.70	261.60	97.90	2187.80	1322.30	5251.70	563.40	158.50	56.70	95.10	27.40	29.70			
26	115.50	910.10	468.40	3173.30	4269.00	3212.50	499.70	153.80	56.70	89.40	25.20	29.70			
27	70.00	2824.40	1541.10	1965.80	2690.80	4106.70	468.40	144.40	54.10	80.90	25.20	27.40			
28	64.60	2060.80	1089.60	1089.60	3564.00	10553.30	460.70	139.70	54.10	80.90	27.40	25.20			
29	64.60	1429.70	1158.50	745.50	2690.80	10585.00	445.20	139.70	51.60	72.70	29.70	18.70			
30	89.40	1066.90	1055.50	515.50	2526.30	8166.10	429.90	135.10	51.60	54.10		20.80			
31		745.50		1298.60	4766.10		414.60		49.00	49.00		20.80			
Total	1416.50	15372.30	25002.00	32950.00	136452.40	293243.40	116325.10	8544.10	2362.10	1924.00	1176.1	1	142.10	635910.30	Ton
Mean	47.20	495.90	833.40	1062.90	4401.70	9774.80	3752.40	284.80	76.20	62.10	40.60	36.80			
Max	130.60	2824.40	3042.20	3173.30	12004.60	40306.20	30494.20	507.60	135.10	95.10	67.30	64.60	40306.20		
Min	18.70	72.70	97.90	240.90	645.00	2906.70	414.60	135.10	49.00	44.00	25.20	18.70	18.70		