

WATER YEAR : 2011**KHONG RIVER BASIN****Loei River at Ban Na Lak , Loei (Kh.28A)**

Lat 17 - 18 - 32 N Long 101 - 46 - 25 E

Location : on right bank at the bridge of Wang Saphung - Loei Highway.

	Ban Na Lak	Amphoe Wang Saphung	Changwat Loei
Drainage Area	1,271 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	247		
R-Square	0.8304		
Remarks	Continued Sediment Station		

$$QS = 5.5656 QW^{1.32040}$$

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	64.60	0.50	2.80	14.80	7340.60	1965.10	1779.40	229.40	229.40	212.20	178.80	150.70		
2	67.20	0.80	2.20	26.90	4328.10	1832.00	2495.80	225.10	229.40	212.20	178.80	150.70		
3	59.30	0.50	101.30	51.60	4524.20	2238.00	11384.50	220.80	229.40	212.20	182.90	146.80		
4	59.30	0.20	432.00	13.40	4847.50	1670.60	23883.50	216.50	229.40	208.00	187.00	142.90		
5	54.10	0.10	132.00	4.10	1647.20	2265.70	4376.90	212.20	229.40	208.00	191.10	139.00		
6	54.10	0.20	1023.30	1.90	657.20	3704.00	3784.00	208.00	229.40	203.70	195.30	135.20		
7	54.10	0.30	1451.40	1.30	912.30	5760.30	2005.50	203.70	229.40	203.70	199.50	131.40		
8	61.90	0.20	144.80	1.10	47.80	4303.70	1394.90	199.50	229.40	203.70	199.50	131.40		
9	56.70	0.20	20.70	1.60	25.30	2668.00	1070.40	195.30	229.40	199.50	195.30	135.20		
10	56.70	0.10	3.50	23.70	16.20	4747.40	1156.50	191.10	229.40	199.50	195.30	150.70		
11	51.60	0.10	1.90	37.00	26.90	4847.50	704.90	187.00	229.40	199.50	187.00	170.60		
12	44.20	0.10	1.20	17.70	610.40	16717.50	195.30	182.90	225.10	195.30	187.00	166.60		
13	41.70	0.10	0.80	28.60	753.30	41893.00	125.70	178.80	225.10	195.30	187.00	182.90		
14	39.40	0.40	0.80	44.20	138.40	18285.90	151.30	178.80	225.10	191.10	182.90	203.70		
15	39.40	0.20	0.70	205.80	184.90	6291.20	92.50	174.70	225.10	187.00	182.90	195.30		
16	37.00	0.20	1.10	432.00	75.40	5791.20	174.70	174.70	225.10	182.90	182.90	203.70		
17	34.70	0.20	3.50	151.30	995.30	3216.90	164.60	170.60	225.10	178.80	178.80	212.20		
18	32.40	0.20	1.70	38.80	3844.20	1965.10	382.00	170.60	225.10	178.80	178.80	191.10		
19	23.70	0.30	1.50	249.20	3134.70	3291.40	657.70	162.60	225.10	178.80	174.70	174.70		
20	21.70	1.60	1.30	1146.90	3604.70	2810.80	479.10	158.60	225.10	174.70	174.70	166.60		
21	21.70	2.10	1.30	125.70	4548.90	3291.40	395.20	154.60	225.10	187.00	170.60	158.60		
22	21.70	0.90	1.40	271.60	1647.20	4128.20	329.60	150.70	220.80	203.70	166.60	150.70		
23	21.70	0.30	0.80	164.60	753.30	4128.20	301.50	146.80	220.80	203.70	166.60	150.70		
24	19.70	0.30	0.60	59.30	125.70	3824.10	269.40	142.90	220.80	203.70	162.60	146.80		
25	21.70	2.10	0.90	157.90	249.20	2747.10	255.90	142.90	220.80	208.00	162.60	139.00		
26	41.70	802.60	63.20	205.80	3134.70	2321.50	242.60	139.00	220.80	199.50	158.60	135.20		
27	41.70	1166.20	1250.80	44.20	1372.50	2636.50	238.20	139.00	220.80	182.90	158.60	135.20		
28	72.70	398.50	271.60	16.20	1951.70	5822.10	233.80	135.20	220.80	182.90	154.60	131.40		
29	69.90	432.00	184.90	4.80	1070.40	5458.00	233.80	135.20	216.50	178.80	154.60	127.60		
30	131.40	33.60	59.30	2.00	2073.20	5637.00	229.40	131.40	216.50	178.80		123.80		
31		35.30		382.00	2114.10		229.40		216.50	174.70		123.80		
Total	1417.70	2880.40	5163.30	3926.00	56755.50	176259.40	59418.00	5258.60	6969.50	6028.60	5175.60	4804.20	334056.80	Ton
Mean	47.30	92.90	172.10	126.60	1830.80	5875.30	1916.70	175.30	224.80	194.50	178.50	155.00		
Max	131.40	1166.20	1451.40	1146.90	7340.60	41893.00	23883.50	229.40	229.40	212.20	199.50	212.20	41893.00	
Min	19.70	0.10	0.60	1.10	16.20	1670.60	92.50	131.40	216.50	174.70	154.60	123.80	0.10	