

**WATER YEAR : 2011****WANG RIVER BASIN****Nam Mae Soi at Ban Nong Nao , Lampang (W.17)**

Lat 18 - 43 - 13 N Long 99 - 34 - 04 E

**Location : on right at the bridge of Lampang - Wang Nua Road.**

	<b>Ban Nong Nao</b>	<b>Amphoe Chae Hom</b>	<b>Changwat Lampang</b>
<b>Drainage Area</b>	726 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	1996-Cont'd		
<b>Actual Measurement</b>	1996-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	36		
<b>R-Square</b>	0.9421		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 0.3881 QW^{2.11760}$$

**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	0.30	24.20	11.70	35.10	45474.10	810.10	1816.20	297.90	36.40	12.70	8.00	2.40		
2	0.30	26.20	28.30	26.20	12308.60	835.80	3858.30	311.20	33.20	14.10	8.70	1.50		
3	0.30	28.30	20.40	61.70	5655.20	471.60	1557.90	247.80	39.80	14.10	8.70	1.30		
4	0.10	32.70	18.80	37.50	1304.30	353.00	2743.10	283.40	36.40	14.10	8.70	1.20		
5	0.10	22.30	24.20	24.20	595.40	595.40	1985.80	166.40	36.40	10.20	8.00	1.00		
6	0.10	18.80	202.50	20.40	415.20	2411.50	1186.70	146.90	30.10	11.00	5.50	0.90		
7	0.80	14.30	61.70	13.00	397.50	10918.10	1074.90	146.90	28.00	10.20	3.60	0.90		
8	1.00	14.30	30.50	6.60	367.50	1928.10	1074.90	137.70	28.00	10.20	2.80	0.80		
9	2.50	18.80	18.80	14.30	367.50	1074.90	900.80	120.10	33.20	9.50	3.20	0.80		
10	22.30	4828.70	15.80	79.60	297.90	710.50	868.20	120.10	30.10	10.20	3.60	0.80		
11	8.30	734.50	11.70	397.50	1471.40	573.90	784.30	111.80	30.10	9.50	3.60	0.70		
12	5.80	122.80	11.70	49.80	1003.40	759.00	810.10	111.80	28.00	10.20	3.60	1.20		
13	13.00	65.90	11.70	24.20	710.50	1761.90	734.50	111.80	26.00	9.50	5.50	2.40		
14	18.80	53.60	9.40	32.70	353.00	2411.50	662.80	137.70	26.00	10.20	5.00	2.80		
15	4.00	42.60	5.80	662.80	285.00	1471.40	617.30	103.70	28.00	11.00	5.00	7.30		
16	1.40	35.10	7.30	285.00	224.60	900.80	784.30	74.90	17.10	8.00	5.00	3.20		
17	0.50	49.80	5.80	137.30	259.90	784.30	900.80	59.40	15.60	8.00	4.00	1.80		
18	0.40	65.90	6.60	57.60	311.20	595.40	1003.40	59.40	18.70	7.30	5.00	1.50		
19	10.50	102.70	10.50	42.60	2162.70	759.00	868.20	55.20	18.70	7.30	4.00	1.00		
20	11.70	382.30	13.00	102.70	1038.60	868.20	734.50	55.20	15.60	6.70	3.20	0.90		
21	2.50	70.30	11.70	61.70	734.50	784.30	617.30	55.20	11.90	7.30	4.00	0.90		
22	1.20	35.10	11.70	37.50	452.60	1038.60	595.40	51.10	12.70	8.70	3.20	0.70		
23	7.30	15.80	11.70	24.20	311.20	1264.60	552.40	55.20	14.10	8.00	2.80	0.60		
24	28.30	14.30	9.40	144.90	272.30	6684.40	367.50	47.20	14.10	6.70	2.80	0.50		
25	35.10	14.30	5.80	968.40	259.90	2886.40	324.80	43.40	15.60	5.00	2.80	0.40		
26	49.80	37.50	7.30	162.00	1386.20	1264.60	311.20	43.40	15.60	5.50	3.20	0.40		
27	14.30	22.30	5.80	46.20	5778.90	1386.20	338.80	39.80	12.70	5.50	3.20	0.50		
28	8.30	17.20	6.60	30.50	1304.30	3435.40	324.80	33.20	10.20	5.50	2.80	0.50		
29	5.20	15.80	10.50	26.20	471.60	4036.10	338.80	36.40	12.70	5.50	2.80	0.50		
30	4.00	18.80	13.00	24.20	2162.70	2162.70	531.40	36.40	14.10	6.10		0.30		
31		15.80		224.60	835.80		367.50		14.10	8.00		0.50		
Total	258.20	6961.00	619.70	3861.20	88973.50	55937.70	29636.90	3300.60	703.20	275.80	132.30	40.20	190700.30	<b>Ton</b>
Mean	8.60	224.50	20.70	124.60	2870.10	1864.60	956.00	110.00	22.70	8.90	4.60	1.30		
Max	49.80	4828.70	202.50	968.40	45474.10	10918.10	3858.30	311.20	39.80	14.10	8.70	7.30	45474.10	
Min	0.10	14.30	5.80	6.60	224.60	353.00	311.20	33.20	10.20	5.00	2.80	0.30	0.10	