

WATER YEAR : 2011**WANG RIVER BASIN****Wang River at Ban Don Chai , Lampang (W.3A)**

Lat 17 - 38 - 28 N Long 99 - 14 - 01 E

Location : on right bank about 30 meters upstream from Siriyong Bridge.

	Ban Don Chai	Amphoe Thoen	Changwat Lampang
Drainage Area	8,924 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	36		
R-Square	0.9569		
Remarks	Continued Sediment Station		

$$QS = 0.1407 QW^{1.85850}$$

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	16.30	169.00	473.20	1090.50	742.90	4028.90	7887.50	773.30	174.60	57.90	42.50	42.50		
2	36.50	60.00	311.60	758.00	15686.30	4330.30	11550.90	727.90	180.30	57.90	40.70	42.50		
3	50.90	50.90	271.60	900.70	43517.50	5183.00	39431.30	602.90	180.30	60.00	97.70	46.60		
4	33.20	241.40	248.80	2177.30	60097.50	4280.90	75240.10	484.40	174.60	60.00	209.80	65.70		
5	26.10	390.10	311.60	2622.30	38026.20	3242.00	87781.80	380.90	174.60	63.00	203.70	87.20		
6	27.80	542.10	554.10	1237.20	13944.10	2445.90	49263.50	319.90	169.00	63.00	174.60	94.50		
7	22.90	758.00	1325.30	554.10	9038.40	2696.40	14184.10	311.60	152.80	60.00	116.10	94.50		
8	26.10	495.70	1130.10	311.60	7246.70	4280.90	5072.50	328.40	163.50	65.70	84.20	94.50		
9	29.70	390.10	628.00	203.70	6189.60	4747.80	3323.70	419.00	169.00	84.20	60.00	108.70		
10	40.70	8397.10	363.00	180.30	5019.40	5352.40	3002.50	380.90	163.50	74.90	55.40	108.70		
11	44.70	28713.50	256.30	287.30	4590.80	10197.00	2143.60	311.60	152.80	77.80	50.90	119.70		
12	46.60	19199.50	263.90	530.40	9805.20	9323.10	1985.40	303.40	147.50	74.90	50.90	116.10		
13	33.20	8397.10	287.30	354.20	10605.30	9900.20	1691.80	311.60	142.40	74.90	50.90	97.70		
14	14.70	5183.00	234.90	147.50	8672.30	11983.20	1474.10	319.90	127.40	71.60	57.90	127.40		
15	13.20	4747.80	112.10	137.30	6440.10	11444.00	1090.50	319.90	127.40	74.90	65.70	142.40		
16	11.70	3981.10	55.40	354.20	5882.90	12655.40	1303.90	319.90	116.10	90.80	147.50	123.80		
17	7.20	2177.30	33.20	2015.70	5129.30	9805.20	2112.40	311.60	101.50	90.80	186.00	104.80		
18	5.50	3456.30	31.20	2377.40	4330.30	6631.00	3833.60	287.30	90.80	87.20	209.80	90.80		
19	5.50	6189.60	127.40	1554.10	7325.40	4854.90	3161.20	311.60	74.90	87.20	203.70	87.20		
20	7.80	4536.90	152.80	1237.20	5294.50	4590.80	2048.50	295.30	60.00	84.20	174.60	87.20		
21	15.40	3549.00	142.40	655.00	8397.10	3930.70	1474.10	256.30	57.90	81.20	127.40	94.50		
22	108.70	2177.30	123.80	451.20	10000.20	3456.30	1173.70	228.50	55.40	81.20	112.10	90.80		
23	174.60	1396.10	65.70	328.40	6567.10	4910.60	1049.90	197.70	53.30	77.80	94.50	74.90		
24	147.50	1049.90	38.60	209.80	3201.50	3691.40	884.30	147.50	53.30	71.60	84.20	63.00		
25	169.00	727.90	29.70	169.00	2309.80	3981.10	773.30	127.40	53.30	60.00	71.60	50.90		
26	328.40	820.10	46.60	263.90	3930.70	5019.40	727.90	119.70	57.90	53.30	57.90	44.70		
27	174.60	1194.10	507.10	566.10	8397.10	6858.90	640.80	119.70	60.00	48.50	50.90	46.60		
28	55.40	1069.30	3161.20	640.80	6858.90	10708.50	578.20	116.10	55.40	48.50	48.50	57.90		
29	60.00	820.10	3161.20	295.30	5129.30	14061.20	484.40	112.10	57.90	46.60	46.60	74.90		
30	77.80	683.70	1953.10	203.70	3833.60	14545.00	399.30	123.80	60.00	44.70		87.20		
31		590.50		209.80	4590.80		507.10		57.90	42.50		87.20		
Total	1811.70	112154.50	16401.20	23024.00	330800.80	203136.40	326275.90	9370.10	3465.30	2116.80	2976.30	2655.1	34188.30	Ton
Mean	60.40	3617.90	546.70	742.70	10671.00	6771.20	10525.00	312.30	111.80	68.30	102.60	85.60		
Max	328.40	28713.50	3161.20	2622.30	60097.50	14545.00	87781.80	773.30	180.30	90.80	209.80	142.40	87781.80	
Min	5.50	50.90	29.70	137.30	742.90	2445.90	399.30	112.10	53.30	42.50	40.70	42.50	5.50	