

WATER YEAR : 2011**WANG RIVER BASIN****Wang River at Setuwaree Bridge , Lampang (W.1C)**

Lat 18 - 17 - 51 N Long 99 - 30 - 56 E

Location : on left bank at the bridge.

	Ban Setuwaree Bridge	Amphoe Mueang	Changwat Lampang
Drainage Area	3,478 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1996-Cont'd		
Actual Measurement	1996-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	36		
R-Square	0.8572		
Remarks	Continued Sediment Station		

$$QS = 0.8824 QW^{1.61940}$$

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	157.30	52.00	235.50	472.20	3207.50	3273.50	3508.60	293.70	76.30	9.40	130.20	8.30		
2	189.00	130.20	223.50	434.80	19854.10	3576.90	6218.70	167.30	73.90	11.60	148.10	21.00		
3	109.20	217.60	223.50	788.90	19986.30	3109.50	7765.00	67.00	73.90	9.40	162.00	31.50		
4	293.70	667.80	235.50	839.50	8797.10	2861.60	2302.50	31.50	73.90	5.10	152.70	35.40		
5	751.70	409.90	229.50	346.10	4279.80	1082.70	3975.70	24.30	62.60	5.10	125.90	38.50		
6	764.00	434.80	279.30	97.30	2861.60	434.80	826.70	30.30	67.00	9.90	14.00	44.10		
7	776.40	401.70	217.60	54.10	2229.10	1347.80	260.20	178.00	82.20	8.30	7.30	54.10		
8	852.30	401.70	189.00	35.40	2180.60	2253.40	172.60	444.10	73.90	7.80	6.00	54.10		
9	878.20	167.30	167.30	25.50	1967.80	2982.20	279.30	308.30	67.00	9.40	7.30	50.00		
10	852.30	2454.90	162.00	36.70	1052.50	3975.70	109.20	481.70	69.30	9.40	6.40	56.20		
11	852.30	3975.70	194.60	330.80	1295.10	2037.80	353.80	500.90	69.30	7.80	9.40	25.50		
12	703.30	3938.30	189.00	97.30	2713.60	1609.20	301.00	632.90	69.30	8.80	18.90	22.10		
13	500.90	3508.60	178.00	36.70	2982.20	1923.00	229.50	644.50	34.10	10.40	9.90	50.00		
14	462.70	3012.60	67.00	31.50	2253.40	2253.40	223.50	656.10	12.70	9.90	60.40	26.60		
15	434.80	1670.30	30.30	139.00	1923.00	3863.90	194.60	125.90	13.30	10.40	211.80	17.80		
16	434.80	353.80	36.70	143.50	1732.20	4126.70	260.20	109.20	6.00	10.40	260.20	12.10		
17	434.80	167.30	139.00	418.10	839.50	3474.60	286.50	76.30	3.70	11.00	266.50	10.40		
18	361.60	235.50	29.00	591.10	1732.20	1690.80	279.30	148.10	3.70	9.90	279.30	10.40		
19	50.00	172.60	15.80	481.70	1690.80	703.30	194.60	157.30	3.40	9.90	71.60	13.30		
20	279.30	434.80	12.10	130.20	2156.60	580.80	143.50	148.10	3.10	9.40	46.10	11.60		
21	434.80	727.40	11.00	121.70	2426.80	1113.30	121.70	85.90	3.00	9.90	29.00	9.90		
22	444.10	691.40	11.00	121.70	1879.90	2684.40	121.70	71.60	3.10	8.30	17.80	5.50		
23	361.60	679.50	11.00	40.40	1098.00	1649.80	121.70	35.40	4.70	3.90	12.70	3.90		
24	346.10	632.90	11.60	50.00	1037.50	2061.40	109.20	30.30	4.70	3.60	6.90	4.70		
25	353.80	611.90	17.80	93.50	1037.50	3109.50	101.20	18.90	3.90	3.60	4.70	6.40		
26	82.20	656.10	247.70	622.40	1128.70	3826.90	152.70	18.90	4.30	3.40	3.90	11.60		
27	62.60	550.30	481.70	560.40	3542.70	3901.00	40.40	18.90	3.90	3.10	3.70	16.80		
28	97.30	426.50	1037.50	134.60	1312.60	4203.00	22.10	19.90	5.10	2.80	5.50	15.80		
29	97.30	401.70	656.10	93.50	1037.50	6016.70	18.90	36.70	4.30	2.80	8.30	12.70		
30	105.20	418.10	540.30	82.20	814.00	3863.90	46.10	76.30	5.50	3.60		11.00		
31		286.50		211.80	491.30		315.70		7.30	73.90		11.00		
Total	12523.60	28889.70	6079.90	7662.60	101541.50	79591.50	29056.40	5638.30	988.40	302.20	2086.50	702.30	275062.90	Ton
Mean	417.50	931.90	202.70	247.20	3275.50	2653.10	937.30	187.90	31.90	9.70	71.90	22.70		
Max	878.20	3975.70	1037.50	839.50	19986.30	6016.70	7765.00	656.10	82.20	73.90	279.30	56.20	19986.30	
Min	50.00	52.00	11.00	25.50	491.30	434.80	18.90	18.90	3.00	2.80	3.70	3.90	2.80	