

WATER YEAR : 2011**WANG RIVER BASIN****Wang River at Ban Chiang Rai , Tak (W.23)**

Lat 17 - 22 - 01 N Long 99 - 06 - 55 E

Location : on left bank at Amphoe Sam Ngao.

	Ban Chiang Rai	Amphoe Sam Ngao	Changwat Tak
Drainage Area	9,930 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2001-Cont'd		
Actual Measurement	2001-Cont'd		
Using Rating Curve Water Year	2001-2011		
Number of observation	172		
R-Square	0.9438		
Remarks	Continued Sediment Station		

$$QS = 0.8819 QW^{1.59090}$$

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	49.00	212.30	751.30	1435.40	463.50	6359.50	17778.90	868.00	178.90	50.90	20.40	34.40		
2	72.60	208.00	621.70	1206.50	3138.20	5732.80	12075.90	985.10	242.00	50.90	21.80	38.30		
3	108.60	170.90	472.10	796.50	18962.80	7967.20	20391.30	842.70	237.50	50.90	148.60	34.40		
4	128.50	170.90	482.30	906.40	26693.80	7541.60	36000.00	761.70	226.40	60.10	208.00	36.60		
5	93.90	399.10	705.40	2237.40	39147.30	5652.50	51029.00	695.40	216.60	62.80	246.60	52.80		
6	83.70	610.50	673.80	1955.60	39671.40	3765.00	83457.20	631.40	222.00	62.80	305.80	72.60		
7	80.00	705.40	1149.60	998.40	24124.90	3324.50	58123.10	499.90	212.30	60.10	212.30	83.70		
8	93.90	739.30	1435.40	631.40	15086.60	4137.70	26312.60	472.10	193.20	77.70	105.20	89.90		
9	89.90	558.80	945.40	443.50	10208.70	6782.80	11483.20	399.10	198.50	93.90	74.80	101.10		
10	101.10	1235.30	685.40	347.40	8204.20	7404.40	6825.70	673.80	202.70	77.70	55.40	116.20		
11	108.60	12562.00	491.10	499.90	7586.20	8986.40	4232.00	453.50	193.20	72.60	49.00	124.00		
12	116.20	18803.40	399.10	520.80	8741.30	14882.70	3405.50	399.10	193.20	72.60	44.70	132.10		
13	116.20	14815.00	417.00	673.80	14077.60	16852.40	2752.70	372.30	188.10	72.60	36.60	132.10		
14	86.80	6825.70	381.60	425.30	13369.30	18565.10	2034.70	425.30	184.00	72.60	36.60	101.10		
15	58.10	4630.90	305.80	267.30	10721.00	18406.80	1417.90	408.70	170.90	72.60	58.10	184.00		
16	46.60	4264.80	212.30	291.20	8350.90	17623.20	1858.30	499.90	144.90	67.60	49.00	162.10		
17	42.30	3351.40	157.20	1052.50	8204.20	17468.00	2278.90	463.50	112.80	72.60	188.10	136.60		
18	36.60	3164.60	128.50	2196.30	6527.60	13812.90	4079.50	417.00	89.90	74.80	237.50	108.60		
19	33.30	5887.20	170.90	2135.20	7493.10	9612.50	5887.20	417.00	101.10	69.80	298.40	86.80		
20	33.30	6317.70	252.30	1688.00	9190.50	7128.70	3514.70	453.50	64.80	64.80	291.20	83.70		
21	42.30	4297.60	259.20	1206.50	8986.40	6955.00	2362.50	443.50	62.80	67.60	184.00	108.60		
22	93.90	3138.20	252.30	751.30	11365.00	5289.40	1763.00	435.10	40.00	62.80	132.10	101.10		
23	184.00	2054.60	232.00	685.40	12018.10	6401.40	1488.20	347.40	49.00	60.10	112.80	80.00		
24	246.60	1470.50	166.00	540.40	7493.10	6825.70	1093.70	322.00	50.90	58.10	93.90	60.10		
25	232.00	1163.70	124.00	372.30	3033.60	4664.80	1135.50	282.70	44.70	50.90	74.80	49.00		
26	291.20	1038.90	119.70	364.40	3138.20	8062.50	998.40	237.50	60.10	34.40	62.80	36.60		
27	399.10	1206.50	237.50	610.50	9453.40	8690.00	855.30	222.00	50.90	26.50	50.90	34.40		
28	216.60	1338.20	1293.70	868.00	9559.30	11421.70	761.70	193.20	46.60	64.80	40.00	33.30		
29	148.60	1264.40	2603.80	739.30	8741.30	15635.20	673.80	178.90	50.90	26.50	34.40	38.30		
30	193.20	1025.30	2341.50	453.50	6697.30	18249.10	652.40	174.90	49.00	24.10		60.10		
31		685.40		364.40	6782.80		631.40		60.10	20.40		74.80		
Total	3626.70	104316.50	18467.90	27664.80	367231.60	294201.50	367354.20	13976.20	4138.00	1856.60	3473.80	2587.40	1208895.30	Ton
Mean	120.90	3365.00	615.60	892.40	11846.20	9806.70	11850.10	465.90	133.50	59.90	119.80	83.50		
Max	399.10	18803.40	2603.80	2237.40	39671.40	18565.10	83457.20	985.10	242.00	93.90	305.80	184.00	83457.20	
Min	33.30	170.90	119.70	267.30	463.50	3324.50	631.40	174.90	40.00	20.40	20.40	33.30	20.40	