

**WATER YEAR : 2011****WANG RIVER BASIN****Wang River at Ban Wang Man , Tak (W.4A)**

Lat 17 - 12 - 19 N Long 99 - 06 - 05 E

Location : on left bank about 200 meters upstream from the bridge on highway.

	<b>Ban</b> Wang Man	<b>Amphoe</b> Sam Ngao	<b>Changwat</b> Tak
<b>Drainage Area</b>	10,439 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	1989-Cont'd		
<b>Actual Measurement</b>	1989-Cont'd		
<b>Using Rating Curve Water Year</b>	1989-2011		
<b>Number of observation</b>	394		
<b>R-Square</b>	0.9149		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 1.7411 QW^{1.44810}$$

**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	19.00	239.80	1315.70	2485.20	561.70	7745.10	16075.40	967.40	249.10	32.80	13.00	22.20		
2	25.60	287.40	1098.30	1929.10	1412.80	7414.80	14985.80	1731.60	253.80	31.60	13.90	17.90		
3	53.90	194.90	893.40	1357.10	11871.30	7701.00	14865.30	1701.80	277.70	30.40	19.00	17.90		
4	96.50	149.00	720.00	1188.30	15106.60	8324.90	22111.10	1357.10	297.30	31.60	157.10	17.90		
5	100.00	272.90	774.30	2220.10	16889.70	7701.00	27681.40	1222.70	282.60	32.80	203.70	17.90		
6	67.50	488.00	1010.40	3547.20	24762.80	6393.70	21858.10	1098.30	277.70	45.40	249.10	24.50		
7	56.10	782.60	1441.00	2658.90	30175.30	5442.10	19378.50	801.10	268.10	43.30	230.60	43.30		
8	65.20	1109.40	2238.60	1109.40	27681.40	5610.20	13326.20	710.30	268.10	39.30	226.00	49.60		
9	69.90	1098.30	1975.60	754.40	13326.20	7214.90	12732.50	630.70	253.80	45.40	212.50	60.60		
10	79.50	956.70	1302.00	531.80	10896.80	7616.50	9882.70	1054.10	244.40	60.60	62.90	67.50		
11	93.00	5745.80	872.60	524.40	9475.60	8825.60	8190.00	914.30	235.20	53.90	53.90	69.90		
12	100.00	12891.10	622.90	700.60	9009.80	11716.80	6702.90	728.20	226.00	43.30	43.30	86.20		
13	96.50	13130.00	584.40	903.90	10503.20	12970.60	5745.80	561.70	221.50	45.40	26.80	96.50		
14	72.20	9678.50	622.90	801.10	10615.20	15106.60	4870.90	509.80	217.00	45.40	23.30	86.20		
15	47.40	7095.70	524.40	473.60	10727.60	16725.80	3643.50	509.80	203.70	45.40	23.30	82.80		
16	37.30	6470.60	403.90	397.10	9428.70	17550.00	3357.00	569.20	173.60	47.40	23.30	153.00		
17	31.60	5711.80	282.60	821.30	9831.50	17550.00	4608.60	554.20	133.30	58.30	47.40	114.40		
18	26.80	4783.00	208.10	2359.70	8688.10	16562.50	5197.50	615.20	103.60	60.60	194.90	89.60		
19	22.20	5408.70	177.80	3571.20	8190.00	12891.10	6355.40	509.80	93.00	58.30	173.60	60.60		
20	16.90	7701.00	317.30	2698.00	9475.60	9627.70	6126.90	524.40	89.60	56.10	173.60	34.10		
21	21.10	6202.80	377.00	2271.00	8234.90	8324.90	5077.90	495.20	67.50	56.10	212.50	49.60		
22	30.40	5378.30	363.70	1426.90	9526.20	7414.80	4322.50	561.70	49.60	56.10	173.60	67.50		
23	100.00	4162.00	337.70	1010.40	10191.50	6432.10	3057.50	488.00	29.10	53.90	110.80	58.30		
24	244.40	2678.40	268.10	841.70	9882.70	8460.60	2562.00	445.30	17.90	53.90	86.20	45.40		
25	287.40	2101.30	217.00	622.90	6586.40	6702.90	2151.30	397.10	35.40	49.60	65.20	35.40		
26	302.30	1791.70	203.70	509.80	5442.10	8145.10	2006.80	332.50	34.10	43.30	56.10	25.60		
27	417.50	1761.50	337.70	903.90	7833.40	8145.10	1441.00	302.30	39.30	43.30	41.30	20.00		
28	438.30	2038.20	554.20	1199.80	9288.40	9934.00	1343.20	272.90	41.30	43.30	27.90	19.00		
29	212.50	2006.80	3016.80	1329.50	9381.90	11180.80	1247.70	244.40	39.30	17.90	25.60	17.90		
30	169.40	1852.40	3765.00	1021.30	8505.90	12891.10	1188.30	226.00	32.80	19.00		17.90		
31		1412.80		546.70	7657.00		1109.40		32.80	14.90		19.00		
<b>Total</b>	3400.40	115581.40	26827.10	42716.30	341160.30	298322.30	253203.10	21037.10	4788.20	1358.60	2970.40	1588.20	1112953.60	<b>Ton</b>
<b>Mean</b>	113.30	3728.40	894.20	1377.90	11005.20	9944.10	8167.80	701.20	154.50	43.80	102.40	51.20		
<b>Max</b>	438.30	13130.00	3765.00	3571.20	30175.30	17550.00	27681.40	1731.60	297.30	60.60	249.10	153.00	30175.30	
<b>Min</b>	16.90	149.00	177.80	397.10	561.70	5442.10	1109.40	226.00	17.90	14.90	13.00	17.90	13.00	