

**WATER YEAR : 2011****CHI RIVER BASIN****Chi River at Ban Non Puai , Chaiyaphum (E.5)**

Lat 15 - 46 - 08 N Long 101 - 49 - 01 E

**Location : on left bank near Ban Non Puai about 30 meters downstream from Ban Tango.**

	<b>Ban Non Puai</b>	<b>Amphoe Ban Khwao</b>	<b>Changwat Chaiyaphum</b>
<b>Drainage Area</b>	4,207 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	1998-Cont'd		
<b>Actual Measurement</b>	1998-Cont'd		
<b>Using Rating Curve Water Year</b>	1998-2011		
<b>Number of observation</b>	259		
<b>R-Square</b>	0.8735		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 3.9882 QW^{1.27070}$$

**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	0.00	88.80	339.10	84.00	471.90	3826.30	7377.50	238.30	84.00	26.20	24.00	7.20		
2	0.50	98.80	348.30	103.80	1842.10	2619.40	7261.90	226.30	74.40	24.00	19.60	6.10		
3	2.10	98.80	637.00	108.90	3505.50	1921.10	6530.20	220.30	74.40	21.80	19.60	6.10		
4	1.20	88.80	1704.70	108.90	4537.50	1819.70	5832.30	214.40	69.70	24.00	19.60	5.00		
5	1.20	69.70	1131.80	173.80	5156.40	1752.70	5801.20	202.60	65.10	24.00	19.60	5.00		
6	0.50	53.40	543.00	124.50	4986.80	1771.30	5877.80	196.70	56.00	26.20	21.80	5.00		
7	1.20	53.40	300.40	79.10	2855.70	2052.40	5693.80	179.50	50.70	26.20	21.80	4.00		
8	3.00	69.70	191.00	60.50	1001.80	2882.50	5026.20	162.50	56.00	26.20	24.00	4.00		
9	4.00	93.80	119.30	48.10	385.50	3486.10	3791.40	151.50	60.50	24.00	24.00	4.00		
10	7.20	69.70	65.10	43.00	800.90	3309.10	2977.60	146.00	56.00	24.00	24.00	5.00		
11	11.50	45.60	40.50	40.50	1853.40	4857.50	2839.30	151.50	53.40	21.80	21.80	8.40		
12	11.50	43.00	24.00	48.10	930.00	6094.40	2820.80	162.50	50.70	21.80	21.80	15.40		
13	11.50	38.00	19.60	60.50	433.00	7239.30	2696.30	151.50	48.10	19.60	21.80	21.80		
14	9.60	40.50	13.40	56.00	376.10	9327.30	2589.10	140.60	45.60	19.60	19.60	28.50		
15	8.40	50.70	13.40	79.10	376.10	22173.40	2534.90	129.80	43.00	21.80	19.60	24.00		
16	7.20	108.90	11.50	146.00	481.70	27863.30	2627.50	124.50	43.00	21.80	19.60	24.00		
17	5.00	93.80	11.50	250.50	613.20	16762.40	2781.90	124.50	43.00	21.80	19.60	21.80		
18	4.00	74.40	11.50	256.60	1172.50	12706.40	2839.30	124.50	40.50	21.80	17.50	17.50		
19	2.10	65.10	17.50	250.50	1864.60	10273.70	2757.40	119.30	38.00	24.00	17.50	17.50		
20	0.50	53.40	26.20	287.80	2611.30	8248.60	2550.90	114.10	38.00	26.20	17.50	15.40		
21	0.50	53.40	43.00	313.20	4251.30	6712.20	2300.80	108.90	38.00	28.50	15.40	13.40		
22	0.50	84.00	74.40	348.30	5485.00	5634.30	2077.40	108.90	35.60	38.00	15.40	13.40		
23	1.20	79.10	56.00	423.40	6031.70	5313.10	1926.80	98.80	35.60	84.00	15.40	9.60		
24	2.10	65.10	48.10	462.10	6186.40	5378.90	1830.90	93.80	35.60	69.70	13.40	9.60		
25	4.00	48.10	43.00	319.70	4908.20	5456.70	1760.10	93.80	33.20	60.50	13.40	8.40		
26	6.10	40.50	38.00	376.10	3125.60	5364.80	1508.30	93.80	33.20	53.40	11.50	7.20		
27	13.40	40.50	35.60	843.50	2222.50	4639.80	1296.30	88.80	30.80	50.70	11.50	6.10		
28	28.50	48.10	84.00	1131.80	1949.50	5037.80	886.50	88.80	30.80	43.00	9.60	6.10		
29	45.60	53.40	157.00	491.60	2287.00	5985.90	433.00	84.00	30.80	35.60	9.60	7.20		
30	69.70	140.60	74.40	385.50	3300.60	6895.20	269.00	79.10	30.80	33.20		7.20		
31		376.10		326.10	4055.30		250.50		28.50	26.20		6.10		
<b>Total</b>	263.80	2427.20	6222.30	7831.50	80059.10	207405.60	97746.90	4219.60	1453.00	989.60	529.50	340.00	409488.10	<b>Ton</b>
<b>Mean</b>	8.80	78.30	207.40	252.60	2582.60	6913.50	3153.10	140.70	46.90	31.90	18.30	11.00		
<b>Max</b>	69.70	376.10	1704.70	1131.80	6186.40	27863.30	7377.50	238.30	84.00	84.00	24.00	28.50	27863.30	
<b>Min</b>	0.00	38.00	11.50	40.50	376.10	1752.70	250.50	79.10	28.50	19.60	9.60	4.00	0.00	