

**WATER YEAR : 2011****PHETCHABURI RIVER BASIN****Phetchaburi River at Ban Sarahed , Phetchaburi (B.9)**

Lat 12 - 48 - 18 N Long 99 - 46 - 27 E

**Location : on left bank at Ban Sarahed.**

	<b>Ban Sarahed</b>	<b>Amphoe</b> Tha Yang	<b>Changwat</b> Phetchaburi
<b>Drainage Area</b>	2,617 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	2008-Cont'd		
<b>Actual Measurement</b>	2008-Cont'd		
<b>Using Rating Curve Water Year</b>	2008-2011		
<b>Number of observation</b>	79		
<b>R-Square</b>	0.7353		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 4.1326 QW^{0.85840}$$

**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	19.80	33.40	34.00	63.80	127.90	70.10	203.00	87.90	70.90	97.40	117.10	129.90		
2	21.40	36.60	28.50	51.10	200.80	67.70	108.90	88.70	70.10	100.90	118.00	130.90		
3	46.60	86.10	24.10	49.60	199.70	67.70	102.70	88.70	55.60	114.30	121.80	130.90		
4	22.50	91.30	18.70	48.10	203.00	67.70	100.90	87.90	54.10	115.30	119.90	132.90		
5	12.30	55.60	19.80	48.80	228.50	81.20	101.80	88.70	54.10	90.40	120.80	129.90		
6	12.30	41.90	19.20	48.80	227.40	182.70	102.70	87.90	53.30	89.60	120.80	118.00		
7	12.30	32.80	17.00	47.30	219.70	97.40	103.60	88.70	53.30	90.40	121.80	117.10		
8	17.60	32.20	19.20	47.30	120.80	87.00	119.90	144.80	53.30	89.60	121.80	118.00		
9	45.90	32.80	25.20	47.30	111.60	81.20	108.00	157.50	51.80	89.60	121.80	116.20		
10	100.90	51.80	25.70	46.60	109.80	79.50	104.50	137.90	53.30	90.40	122.80	117.10		
11	99.10	45.20	25.20	45.90	109.80	83.60	105.30	98.30	49.60	92.10	121.80	119.90		
12	90.40	46.60	25.70	56.30	103.60	84.50	104.50	95.60	39.80	96.50	123.80	130.90		
13	91.30	45.20	27.90	61.40	104.50	82.80	102.70	95.60	38.50	98.30	123.80	135.90		
14	91.30	55.60	26.70	60.70	105.30	82.00	102.70	112.50	38.50	98.30	123.80	135.90		
15	70.10	56.30	26.70	79.50	108.00	81.20	93.80	117.10	57.00	98.30	123.80	136.90		
16	51.10	56.30	27.90	81.20	103.60	82.00	45.90	118.90	52.60	98.30	124.80	137.90		
17	37.30	53.30	28.50	81.20	100.00	84.50	32.80	118.90	54.10	98.30	110.70	137.90		
18	24.10	40.50	19.80	80.30	93.00	94.70	29.70	122.80	54.10	99.10	105.30	140.80		
19	22.50	29.10	26.20	81.20	90.40	94.70	25.20	113.40	53.30	100.00	106.20	137.90		
20	22.50	31.00	25.20	71.60	89.60	98.30	22.50	108.00	53.30	100.90	106.20	125.80		
21	22.00	26.70	17.60	80.30	89.60	97.40	25.70	99.10	53.30	101.80	106.20	123.80		
22	22.00	25.70	22.00	81.20	89.60	98.30	25.20	96.50	58.50	100.00	112.50	123.80		
23	27.90	25.70	26.70	63.80	88.70	98.30	24.10	93.00	54.10	90.40	113.40	123.80		
24	32.20	25.20	45.90	61.40	88.70	107.10	24.10	94.70	55.60	90.40	112.50	117.10		
25	26.20	25.20	69.30	62.20	88.70	83.60	23.60	95.60	55.60	90.40	122.80	124.80		
26	73.20	25.70	82.00	61.40	89.60	112.50	21.40	94.70	51.10	91.30	127.90	125.80		
27	32.80	33.40	83.60	60.70	91.30	231.80	70.10	90.40	51.80	91.30	128.90	126.90		
28	15.40	26.70	83.60	99.10	89.60	232.90	87.90	86.10	51.10	91.30	129.90	125.80		
29	22.00	26.20	82.80	99.10	82.00	232.90	88.70	67.00	49.60	92.10	129.90	128.90		
30	27.90	27.20	83.60	103.60	79.50	225.20	90.40	70.90	51.10	93.00		127.90		
31		32.20		103.60	79.50		89.60		51.10	93.80		128.90		
<b>Total</b>	1212.90	1253.50	1088.30	2074.40	3713.80	3270.50	2391.90	3047.80	1643.50	2973.80	3460.80	3958.20	30089.40	<b>Ton</b>
<b>Mean</b>	40.40	40.40	36.30	66.90	119.80	109.00	77.20	101.60	53.00	95.90	119.30	127.70		
<b>Max</b>	100.90	91.30	83.60	103.60	228.50	232.90	203.00	157.50	70.90	115.30	129.90	140.80	232.90	
<b>Min</b>	12.30	25.20	17.00	45.90	79.50	67.70	21.40	67.00	38.50	89.60	105.30	116.20	12.30	