

WATER YEAR : 2011**PHETCHABURI RIVER BASIN****Phetchaburi River at Ban Tha Yang , Phetchaburi (B.10)**

Lat 12 - 58 - 21 N Long 99 - 53 - 07 E

Location : on left bank at the bridge of Ban Tha Yang.

	Ban	Tha Yang	Amphoe	Tha Yang	Changwat	Phetchaburi
Drainage Area	4,076	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1997-Cont'd					
Actual Measurement	1997-Cont'd					
Using Rating Curve Water Year	2011					
Number of observation	22					
R-Square	0.8129					
Remarks	Continued Sediment Station					

$$QS = 0.9424 QW^{1.37600}$$

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	22.80	21.60	46.30	38.20	34.00	42.50	341.10	10.70	9.70	10.70	21.60	22.00		
2	22.40	22.00	48.20	28.30	37.60	29.80	274.60	8.20	9.40	11.00	21.60	22.40		
3	22.40	21.60	35.20	17.40	130.30	19.70	72.20	7.00	9.40	11.00	20.80	22.40		
4	22.80	24.90	26.50	15.20	217.90	15.90	26.50	6.10	8.40	13.80	23.60	23.60		
5	23.20	50.80	24.00	14.80	234.10	15.20	20.80	5.20	8.40	21.20	24.90	25.70		
6	22.80	52.10	24.50	15.20	258.20	21.20	20.50	5.20	8.40	16.60	24.00	29.30		
7	22.40	35.80	31.80	15.20	296.80	120.90	27.80	8.40	8.40	12.00	23.60	28.80		
8	22.00	27.40	41.20	15.20	285.60	56.80	62.20	8.60	8.20	11.00	23.20	27.00		
9	21.60	25.70	51.40	13.80	174.00	28.80	140.00	31.30	8.40	11.00	20.80	26.50		
10	21.60	23.60	52.10	13.10	51.40	20.50	130.30	60.60	8.60	11.00	18.90	26.50		
11	27.00	20.50	38.20	13.10	34.60	15.90	79.90	47.50	9.10	11.40	18.50	25.30		
12	29.30	19.30	31.30	13.10	30.80	19.70	72.20	10.70	12.70	11.40	18.90	24.00		
13	30.80	19.70	29.80	13.40	28.30	29.30	73.00	7.90	14.10	11.70	21.20	23.20		
14	30.30	19.30	32.80	13.40	29.80	29.30	79.90	7.70	13.10	11.70	28.30	22.80		
15	28.30	18.90	38.20	13.40	35.80	27.00	120.90	7.70	13.10	11.70	31.30	23.20		
16	24.90	19.30	40.00	13.80	46.30	28.80	232.50	8.60	16.60	12.00	40.00	23.60		
17	22.00	20.10	40.00	14.10	56.10	26.50	276.40	14.10	14.50	12.40	34.00	24.90		
18	21.20	27.40	43.10	14.10	63.00	25.30	185.20	17.00	11.70	12.70	27.00	29.80		
19	20.80	43.10	41.80	14.10	68.80	27.80	70.50	18.90	10.40	12.70	26.10	34.60		
20	20.80	50.10	41.80	18.90	72.20	26.50	46.30	17.00	10.40	13.10	29.80	34.00		
21	20.10	46.30	31.30	28.80	65.50	24.90	27.00	13.40	9.40	13.80	22.40	30.30		
22	19.70	38.20	23.60	35.20	61.40	27.40	23.20	11.70	10.40	18.90	20.10	26.10		
23	19.30	28.80	21.20	29.80	54.10	27.80	20.10	12.00	10.70	24.90	20.10	24.50		
24	20.10	22.80	17.00	20.80	30.30	25.70	15.50	11.40	10.70	23.20	20.10	24.00		
25	21.20	20.80	14.10	17.40	22.00	26.10	11.40	11.00	10.40	18.50	20.50	24.90		
26	19.70	20.80	14.10	16.60	24.50	31.30	7.90	11.40	10.70	15.90	20.80	25.30		
27	21.60	22.80	14.80	15.50	27.40	47.50	5.70	13.10	10.70	15.50	21.20	26.10		
28	27.00	27.40	16.30	16.30	32.80	194.10	5.90	13.10	10.40	15.90	21.60	27.00		
29	22.00	30.80	24.50	16.60	63.00	300.60	8.90	13.10	10.40	15.90	21.60	28.80		
30	21.20	32.30	32.80	20.50	86.30	345.30	13.10	10.40	10.40	16.60		32.30		
31		33.40		30.80	76.40		12.70		10.70	17.40		34.00		
Total	691.30	887.60	967.90	576.10	2729.30	1678.10	2504.20	429.00	327.90	446.60	686.50	822.90	12747.40	Ton
Mean	23.00	28.60	32.30	18.60	88.00	55.90	80.80	14.30	10.60	14.40	23.70	26.50		
Max	30.80	52.10	52.10	38.20	296.80	345.30	341.10	60.60	16.60	24.90	40.00	34.60	345.30	
Min	19.30	18.90	14.10	13.10	22.00	15.20	5.70	5.20	8.20	10.70	18.50	22.00	5.20	