

WATER YEAR : 2011**PRACHIN BURI RIVER BASIN****Khlong Phra Sathung at Ban Tharapha , Sa Kao (Kgt.42)**

Lat 13 - 59 - 21 N Long 101 - 57 - 30 E

Location : on left bank at the bridge.

	Ban Tharapha	Amphoe Mueang	Changwat Sa Kao
Drainage Area	2,558 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2005-Cont'd		
Actual Measurement	2005-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	20		
R-Square	0.8377		
Remarks	Continued Sediment Station		

QS = 10.6310 QW^{1.10630}**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	6.60	131.30	85.80	125.30	167.70	2098.70	4092.20	302.90	34.50	16.60	26.70	8.30		
2	6.60	100.20	80.00	223.70	173.80	2046.00	3417.50	252.20	33.20	14.80	26.10	8.30		
3	6.60	60.30	157.00	298.00	487.50	2869.00	2573.50	202.50	31.90	13.60	26.10	8.30		
4	6.60	29.30	144.80	245.00	725.80	3307.10	2122.10	146.30	30.60	13.00	28.60	8.30		
5	6.60	33.90	138.80	188.50	366.80	3215.30	2566.50	84.30	29.90	12.40	31.20	8.30		
6	6.60	101.70	114.90	149.40	181.50	2676.30	2587.40	70.10	29.30	11.80	22.90	8.30		
7	6.60	144.80	78.60	216.60	143.30	1865.40	2510.80	155.50	28.60	11.20	22.30	7.70		
8	33.90	160.00	65.90	123.80	170.70	1595.00	2732.40	169.20	28.00	10.60	21.60	7.70		
9	13.00	90.10	54.80	57.50	278.60	1477.40	2716.30	123.80	27.40	10.00	21.60	7.70		
10	13.60	100.20	46.60	32.60	580.00	2165.20	2652.30	65.90	26.70	10.00	20.40	7.20		
11	8.30	112.00	32.60	21.60	1299.00	2859.90	3463.60	109.00	26.70	9.50	19.70	7.20		
12	7.20	60.30	33.20	19.10	1958.40	3343.80	4200.70	150.90	26.10	9.50	19.10	7.20		
13	7.20	33.90	67.30	9.50	2489.90	3806.60	4891.00	109.00	25.40	8.90	18.50	6.60		
14	49.30	33.20	129.80	11.80	3069.00	4510.90	5130.10	67.30	24.80	8.30	17.90	6.00		
15	135.80	90.10	188.50	17.90	2330.50	5580.80	4637.30	56.10	24.20	7.70	17.30	5.50		
16	9.50	147.90	153.90	186.20	2337.40	5456.90	3920.60	47.90	22.90	7.70	16.60	5.50		
17	7.70	176.90	106.10	193.10	3005.20	4875.10	3676.50	35.20	21.60	7.70	16.00	5.50		
18	7.70	327.30	67.30	180.00	3353.00	3982.90	3754.90	41.20	19.70	7.20	15.40	57.50		
19	7.70	1491.60	90.10	200.10	3169.50	2859.90	3676.50	65.90	19.10	7.20	14.80	35.20		
20	7.70	2116.30	109.00	312.60	2566.50	1882.80	2941.60	57.50	18.50	6.00	14.20	32.60		
21	35.80	991.10	113.40	513.00	1463.20	1715.30	2220.20	49.30	26.70	4.90	13.60	23.50		
22	264.20	551.60	109.00	907.80	936.70	2069.40	2841.80	45.20	25.40	4.90	13.00	19.10		
23	209.50	230.80	119.40	1877.00	715.20	1964.20	2178.90	43.90	23.50	149.40	12.40	18.50		
24	351.90	23.50	103.20	1871.20	492.60	2496.80	1491.60	43.90	22.90	58.90	11.80	18.50		
25	298.00	13.60	82.90	991.10	1738.30	3279.50	1002.10	42.50	22.30	67.30	11.20	17.90		
26	237.90	15.40	64.50	1038.50	2302.80	3695.00	779.00	39.80	21.60	37.20	10.60	17.90		
27	186.20	95.90	37.20	569.60	2814.70	4119.30	627.70	35.80	21.00	22.90	10.00	17.30		
28	101.70	436.80	29.30	354.40	3261.20	4668.90	536.10	33.20	20.40	27.40	8.90	137.30		
29	45.20	364.30	37.20	235.50	3371.40	4621.50	467.10	29.90	19.70	29.30	8.30	144.80		
30	52.00	266.60	68.70	347.00	3334.60	4350.30	396.60	29.90	19.10	31.20		74.30		
31		141.80		446.90	3445.10		354.40		18.50	33.20		26.10		
Total	2137.20	8672.70	2709.80	11964.30	52729.90	95455.20	81159.30	2706.10	770.20	670.30	516.80	764.10	260255.90	Ton
Mean	71.20	279.80	90.30	385.90	1701.00	3181.80	2618.00	90.20	24.80	21.60	17.80	24.60		
Max	351.90	2116.30	188.50	1877.00	3445.10	5580.80	5130.10	302.90	34.50	149.40	31.20	144.80	5580.80	
Min	6.60	13.60	29.30	9.50	143.30	1477.40	354.40	29.90	18.50	4.90	8.30	5.50	4.90	