

**WATER YEAR : 2011****PRACHIN BURI RIVER BASIN****Khlong Phra Prong at Ban Kaeng , Sa Kao (Kgt.12)**

Lat 13 - 56 - 10 N Long 101 - 58 - 27 E

**Location : on left bank near the railway station at Ban Kaeng at about 200 meters upstream from Thot Saphon Sawmill.**

	<b>Ban Kaeng</b>	<b>Amphoe Mueang</b>	<b>Changwat Sa Kao</b>
<b>Drainage Area</b>	1,478 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>	2005-2011		
<b>Number of observation</b>	89		
<b>R-Square</b>	0.7690		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 9.9180 QW^{1.02160}$$

**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	60.60	66.40	79.50	87.90	157.30	922.30	1819.50	213.90	67.70	47.60	64.10	66.40		
2	60.60	65.30	77.20	159.90	176.10	990.20	1728.30	189.60	66.40	46.40	64.10	66.40		
3	59.40	65.30	94.20	264.30	197.70	1071.70	1530.60	168.00	66.40	45.30	64.10	66.40		
4	59.40	65.30	94.20	294.80	195.00	1159.50	1324.40	143.80	65.30	44.10	64.10	66.40		
5	59.40	64.10	109.10	251.30	170.70	1173.10	1217.10	124.00	64.10	45.30	64.10	67.70		
6	60.60	61.80	109.10	195.00	113.40	1085.20	1091.90	109.10	64.10	51.10	63.00	67.70		
7	63.00	60.60	92.10	154.60	224.70	949.20	1021.60	100.60	63.00	57.00	63.00	67.70		
8	63.00	60.60	79.50	124.00	424.40	791.60	986.30	96.40	61.80	58.20	63.00	67.70		
9	61.80	65.30	72.40	104.90	444.00	643.00	986.30	92.10	61.80	57.00	64.10	67.70		
10	63.00	64.10	72.40	90.00	494.70	594.10	1025.60	90.00	63.00	57.00	64.10	67.70		
11	63.00	63.00	70.00	84.30	530.30	735.50	1061.00	87.90	63.00	59.40	64.10	67.70		
12	64.10	60.60	68.90	80.80	623.50	922.30	1227.20	94.20	63.00	59.40	64.10	67.70		
13	64.10	60.60	72.40	78.40	730.70	1230.60	1369.60	90.00	61.80	58.20	63.00	67.70		
14	64.10	63.00	70.00	83.10	862.90	1510.20	1811.50	87.90	61.80	61.80	63.00	67.70		
15	64.10	67.70	67.70	86.70	826.60	2008.90	2100.30	86.70	60.60	63.00	64.10	67.70		
16	65.30	68.90	66.40	92.10	689.20	2460.10	1972.30	85.40	60.60	63.00	64.10	66.40		
17	65.30	74.80	68.90	98.50	865.70	2515.20	1728.30	84.30	59.40	63.00	64.10	66.40		
18	65.30	72.40	75.90	96.40	1085.20	2223.90	1578.30	83.10	59.40	64.10	64.10	66.40		
19	64.10	72.40	74.80	92.10	1119.00	1811.50	1482.90	80.80	59.40	65.30	65.30	66.40		
20	64.10	83.10	74.80	138.50	1071.70	1462.50	1375.30	79.50	58.20	65.30	65.30	65.30		
21	67.70	70.00	83.10	377.40	922.30	1206.90	1250.90	78.40	58.20	65.30	65.30	66.40		
22	68.90	64.10	87.90	444.50	742.80	925.70	1139.20	77.20	57.00	66.40	65.30	67.70		
23	66.40	61.80	86.70	499.10	549.80	781.90	1013.80	74.80	57.00	66.40	65.30	68.90		
24	66.40	60.60	84.30	553.30	444.50	769.70	871.30	73.60	55.80	66.40	65.30	68.90		
25	67.70	59.40	79.50	493.60	424.40	865.70	655.10	72.40	55.80	66.40	65.30	68.90		
26	70.00	59.40	74.80	440.10	444.00	1009.80	480.30	71.30	54.70	65.30	65.30	67.70		
27	70.00	60.60	71.30	325.40	494.70	1264.50	432.20	70.00	52.40	65.30	66.40	67.70		
28	70.00	70.00	68.90	219.30	530.30	1571.50	408.70	68.90	48.80	68.90	66.40	66.40		
29	68.90	83.10	67.70	170.70	623.50	1771.60	307.90	67.70	46.40	70.00	66.40	66.40		
30	67.70	84.30	73.60	135.80	730.70	1827.40	260.00	67.70	45.30	68.90		65.30		
31		83.10		138.50	862.90		235.60		45.30	66.40		64.10		
Total	1938.00	2081.70	2367.30	6455.30	17772.70	38255.30	35493.30	2909.30	1827.50	1867.20	1869.90	2079.60	114917.10	<b>Ton</b>
Mean	64.60	67.20	78.90	208.20	573.30	1275.20	1144.90	97.00	59.00	60.20	64.50	67.10		
Max	70.00	84.30	109.10	553.30	1119.00	2515.20	2100.30	213.90	67.70	70.00	66.40	68.90	2515.20	
Min	59.40	59.40	66.40	78.40	113.40	594.10	235.60	67.70	45.30	44.10	63.00	64.10	44.10	