

**WATER YEAR : 2011****EAST COAST - GULF BASIN****Khlong Yai at Ban Si Bua Thong , Trat (Z.10)**

Lat 12 - 28 - 24 N Long 102 - 28 - 49 E

**Location : on left bank at Ban Si Bua Thong**

	<b>Ban Si Bua Thong</b>	<b>Amphoe</b> Khao Saming	<b>Changwat</b> Trat
<b>Drainage Area</b>	779 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	1978-Cont'd		
<b>Actual Measurement</b>	1978-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	46		
<b>R-Square</b>	0.7048		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 0.3687 QW^{1.51370}$$

**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	51.90	48.20	58.00	571.30	1063.70	2033.00	526.00	59.50	7.80	2.60	0.80	10.30		
2	50.40	33.10	54.90	539.20	1562.40	1244.90	547.20	51.90	7.40	2.40	0.50	5.20		
3	54.90	31.80	50.40	388.60	1011.70	782.60	601.30	49.60	7.00	1.90	1.00	3.50		
4	75.00	20.60	57.20	400.50	579.40	643.00	615.10	48.90	7.00	2.10	4.90	2.80		
5	125.60	20.60	52.60	289.50	372.10	1086.30	645.80	46.00	7.00	1.90	6.30	2.60		
6	150.60	35.00	53.40	233.30	471.90	1501.10	1056.20	39.70	5.90	1.80	4.90	2.10		
7	137.90	26.90	58.70	199.40	429.50	815.90	975.00	35.70	8.20	1.70	3.20	3.70		
8	150.60	25.70	51.90	175.10	402.90	2083.00	1292.70	46.00	5.60	1.70	3.50	7.80		
9	143.00	54.10	50.40	688.50	308.40	3602.60	853.90	50.40	5.20	1.50	5.20	13.00		
10	144.20	73.30	46.70	773.60	735.00	3289.60	626.20	42.50	4.90	1.40	5.90	65.90		
11	178.30	66.70	43.90	515.60	1694.40	3755.00	568.60	36.30	4.00	1.40	8.60	28.10		
12	221.20	46.00	39.70	374.40	1101.50	6943.10	477.00	33.10	3.70	1.40	7.80	17.40		
13	104.50	46.70	52.60	598.50	568.60	7421.20	449.30	29.30	3.50	1.30	7.40	12.50		
14	153.20	44.60	94.40	645.80	390.90	5057.20	720.40	28.70	2.60	1.10	6.60	9.40		
15	134.20	43.90	201.00	850.40	574.00	3432.50	579.40	28.70	1.80	1.00	5.60	8.60		
16	110.20	34.40	1456.40	809.00	857.40	1989.50	386.20	28.70	3.00	0.90	4.90	8.20		
17	89.00	26.90	2756.40	541.90	1082.50	833.10	298.90	24.50	1.70	0.70	6.60	7.80		
18	81.00	393.30	4025.50	358.20	697.10	587.60	245.70	21.70	1.40	1.00	17.90	15.90		
19	72.50	178.30	3943.30	278.30	833.10	617.80	178.30	21.70	0.80	1.50	18.40	13.00		
20	72.50	104.50	3187.40	400.50	643.00	788.60	207.70	21.10	0.70	2.10	13.90	9.40		
21	125.60	75.90	2478.10	1162.80	454.30	1097.70	164.20	20.60	1.00	4.00	10.70	7.00		
22	149.40	57.20	1365.50	1097.70	351.30	1636.10	129.30	17.90	0.80	3.50	7.40	4.90		
23	223.00	58.00	740.90	651.40	291.30	1647.70	110.20	17.40	1.40	3.00	5.90	3.50		
24	316.10	64.30	376.80	1241.00	238.60	1885.30	96.60	16.90	3.00	5.60	5.90	4.00		
25	201.00	53.40	258.20	1037.60	282.00	1439.70	93.30	16.40	3.00	4.20	3.50	8.20		
26	304.60	61.10	249.20	761.60	280.10	1268.70	93.30	11.60	3.00	3.50	12.50	8.60		
27	287.60	51.10	634.50	631.80	466.80	1151.20	78.40	9.40	3.00	3.00	6.30	6.60		
28	51.90	50.40	1431.40	482.00	931.60	920.90	153.20	9.00	3.00	3.70	9.00	5.20		
29	41.10	51.10	1529.30	688.50	1618.80	826.20	91.10	8.60	1.90	4.50	5.20	5.20		
30	52.60	86.30	906.60	822.70	2818.80	735.00	65.90	8.20	1.80	3.00	4.20	4.20		
31		71.60		668.40	2359.10		62.70		1.80	3.00	1.10	1.10		
Total	4053.60	2035.00	26305.30	18877.10	25472.20	61116.10	12989.10	880.00	112.90	72.40	200.30	305.70	152419.70	<b>Ton</b>
Mean	135.10	65.60	876.80	608.90	821.70	2037.20	419.00	29.30	3.60	2.30	6.90	9.90		
Max	316.10	393.30	4025.50	1241.00	2818.80	7421.20	1292.70	59.50	8.20	5.60	18.40	65.90	7421.20	
Min	41.10	20.60	39.70	175.10	238.60	587.60	62.70	8.20	0.70	0.70	0.50	1.10	0.50	