

WATER YEAR : 2011**EAST COAST - GULF BASIN****Khlong Aeng at Ban Nong Bon , Trat (Z.45)**

Lat 12 - 36 - 58 N Long 102 - 28 - 42 E

Location : on right bank near the highway bridge, Tambon Nong Bon.

	Ban Nong Bon	Amphoe Bo Rai	Changwat Trat
Drainage Area	58 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	27		
R-Square	0.8754		
Remarks	Continued Sediment Station		

$$QS = 2.7465 QW^{1.81880}$$

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	0.00	2.30	1.40	218.80	667.70	304.00	40.70	17.90	12.50	0.00	0.00	0.00	
2	0.00	1.10	1.80	149.40	500.70	287.60	59.00	16.70	10.60	0.00	0.00	0.00	
3	0.00	0.50	4.40	123.30	263.70	233.30	163.30	15.60	8.80	0.00	0.00	0.00	
4	0.00	0.50	8.00	99.60	187.60	609.70	140.50	14.50	4.40	0.00	0.00	0.00	
5	0.00	1.80	2.70	68.20	144.90	511.20	85.00	12.50	5.70	0.00	0.00	0.00	
6	0.00	0.80	2.30	53.20	158.60	667.70	172.80	11.50	6.50	0.00	0.00	0.00	
7	0.00	0.80	8.80	45.00	211.70	470.00	103.40	11.50	7.20	0.00	0.00	0.00	
8	0.00	5.10	6.50	39.00	168.00	790.90	103.40	21.50	8.00	0.00	0.00	0.10	
9	0.00	15.60	7.20	65.10	127.50	312.30	68.20	12.50	3.80	0.00	0.00	0.00	
10	0.00	26.80	8.80	47.60	218.80	740.50	53.20	9.70	5.70	0.00	0.00	0.50	
11	0.00	12.50	5.70	37.40	154.00	3367.30	88.50	8.80	6.50	0.00	0.00	0.00	
12	0.00	8.00	5.70	78.10	111.20	1083.40	115.20	8.00	8.00	0.00	0.00	0.00	
13	0.00	8.00	34.20	158.60	144.90	1294.50	115.20	7.20	4.40	0.00	0.00	0.00	
14	0.00	5.70	68.20	192.60	177.70	679.60	127.50	6.50	3.80	0.00	0.00	0.00	
15	0.00	3.30	50.40	279.50	149.40	420.60	95.80	5.70	3.80	0.00	0.00	0.00	
16	0.00	2.30	255.90	172.80	182.60	271.50	88.50	5.10	4.40	0.00	0.00	0.00	
17	0.00	1.80	1083.40	131.80	144.90	211.70	78.10	4.40	4.40	0.00	0.00	0.00	
18	0.00	88.50	1196.40	88.50	329.40	172.80	59.00	3.80	2.30	0.00	0.10	0.00	
19	0.00	0.00	829.70	71.50	655.90	411.00	47.60	6.50	2.70	0.00	0.00	0.00	
20	0.00	0.00	263.70	95.80	177.70	248.30	85.00	3.80	4.40	0.40	0.00	0.00	
21	0.00	0.00	192.60	218.80	144.90	218.80	42.30	4.40	3.30	0.10	0.00	0.00	
22	0.00	0.00	115.20	192.60	119.20	703.70	37.40	7.20	2.30	0.10	0.00	0.00	
23	0.50	0.40	115.20	204.70	85.00	940.60	34.20	8.00	0.00	0.00	0.00	0.00	
24	0.10	92.10	78.10	312.30	127.50	803.70	31.10	5.10	0.00	1.80	0.00	0.00	
25	0.00	95.80	42.30	177.70	88.50	140.50	32.60	4.40	0.00	0.00	0.00	0.00	
26	3.80	85.00	71.50	154.00	168.00	74.70	28.20	5.70	0.00	0.00	0.20	0.00	
27	7.20	56.10	3114.00	204.70	233.30	204.70	25.40	4.40	0.00	0.00	0.00	0.00	
28	2.30	5.10	1812.70	149.40	263.70	192.60	32.60	5.70	0.00	0.00	0.00	0.00	
29	17.90	5.10	958.00	240.80	1046.90	65.10	24.10	11.50	0.00	0.00	0.00	0.00	
30	13.50	5.10	329.40	204.70	543.20	99.60	21.50	1.10	0.00	0.00		0.00	
31		2.30		177.70	295.70		20.30		0.00	0.00		0.00	
Total	45.30	532.40	10674.20	4453.20	7992.80	16531.90	2219.60	261.20	123.50	2.40	0.30	0.60	42837.40 Ton
Mean	1.50	17.20	355.80	143.70	257.80	551.10	71.60	8.70	4.00	0.10	0.00	0.00	
Max	17.90	95.80	3114.00	312.30	1046.90	3367.30	172.80	21.50	12.50	1.80	0.20	0.50	3367.30
Min	0.00	0.00	1.40	37.40	85.00	65.10	20.30	1.10	0.00	0.00	0.00	0.00	0.00

