

**WATER YEAR : 2011****WEST COAST - GULF BASIN****Khlong Yai at Ban Chang Laek , Prachuap Khiri Khan (Gt.11)**

Lat 11 - 03 - 44 N Long 99 - 22 - 30 E

**Location : on right bank at the bridge of Phet Kasem Highway near the guidepost 423.**

	<b>Ban</b> Chang Laek	<b>Amphoe</b> Bang Saphan Noi	<b>Changwat</b> Prachuap Khiri Khan
<b>Drainage Area</b>	61 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>	2011		
<b>Number of observation</b>	22		
<b>R-Square</b>	0.8686		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 1.4420 QW^{1.63090}$$

**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	2.60	0.80	0.50	3.00	20.10	2.20	1.80	1.90	0.20	0.00	1.80	0.10		
2	2.40	0.60	0.50	4.80	14.60	1.90	1.60	1.60	0.20	0.00	10.30	0.10		
3	2.20	0.60	0.50	9.10	9.70	2.00	1.60	1.10	0.20	0.10	6.90	0.10		
4	2.00	0.60	0.40	5.60	6.40	1.80	1.30	1.00	0.20	0.80	3.30	0.10		
5	2.00	1.10	0.40	5.60	4.60	1.30	1.20	0.90	0.20	0.70	2.00	0.10		
6	2.60	9.70	0.40	5.20	3.50	1.30	0.80	0.90	0.20	0.70	1.60	0.10		
7	3.00	5.60	0.40	4.00	2.80	1.30	0.80	0.80	0.10	0.60	1.20	0.10		
8	3.00	3.50	0.40	3.50	2.20	1.30	5.60	0.80	0.10	0.60	0.80	0.10		
9	2.80	7.70	0.50	3.00	2.00	1.30	5.60	0.80	0.20	0.50	0.60	0.10		
10	2.80	6.00	0.60	2.60	2.00	1.30	4.60	0.60	0.30	0.40	0.60	0.10		
11	2.60	5.60	0.60	2.40	2.80	1.30	3.80	0.60	0.30	0.30	0.50	0.10		
12	2.60	4.60	0.80	2.20	6.40	3.30	4.80	0.50	0.20	0.20	0.40	0.20		
13	2.60	3.30	1.00	2.00	3.80	1.90	5.60	1.00	0.20	0.10	0.30	0.20		
14	2.60	2.80	0.80	1.90	2.20	1.50	2.40	6.90	0.20	0.10	0.30	0.10		
15	2.40	2.60	0.80	1.80	1.90	1.30	1.80	2.40	0.20	0.10	0.30	0.10		
16	2.40	2.80	0.90	1.80	1.60	1.30	1.60	1.30	0.20	0.10	0.30	0.10		
17	2.40	1.80	1.10	1.60	1.50	1.30	1.50	1.10	0.10	0.10	0.30	0.10		
18	3.00	1.90	1.90	1.30	1.90	1.30	1.30	0.70	0.10	0.10	0.30	0.10		
19	4.30	3.80	2.80	1.10	1.60	1.30	1.00	0.60	0.10	0.10	0.30	0.10		
20	5.60	3.80	8.20	0.90	1.30	1.30	0.90	0.60	0.10	0.10	0.30	0.10		
21	5.60	3.80	9.10	0.80	2.60	1.30	1.50	0.60	0.10	0.10	0.30	0.10		
22	5.20	3.00	6.00	0.70	1.50	1.30	1.80	0.50	0.10	0.10	0.30	0.10		
23	4.80	2.40	4.30	0.60	1.30	1.30	1.90	0.50	0.10	0.10	0.20	0.10		
24	4.80	1.50	3.80	0.90	1.20	1.50	2.00	0.40	0.10	0.10	0.20	0.10		
25	4.60	1.10	3.50	3.00	1.20	1.50	2.40	0.40	0.10	0.10	0.20	0.10		
26	4.60	0.80	2.60	11.40	1.20	1.30	4.80	0.40	0.10	0.10	0.20	0.10		
27	4.30	0.60	1.60	8.70	2.60	1.60	6.40	0.30	0.10	0.10	0.20	0.10		
28	4.30	0.40	2.00	5.60	3.80	6.00	4.30	0.30	0.00	0.60	0.20	0.10		
29	4.00	0.40	3.00	3.50	3.50	2.80	2.40	0.20	0.00	0.40	0.20	0.00		
30	3.80	0.50	5.60	4.80	4.00	2.60	1.30	0.20	0.00	0.20		0.00		
31		0.60		16.80	2.80		1.10		0.00	0.20		0.00		
<b>Total</b>	101.90	84.30	65.00	120.20	118.60	52.70	79.50	29.90	4.30	7.80	34.40	3.00	701.60	<b>Ton</b>
<b>Mean</b>	3.40	2.70	2.20	3.90	3.80	1.80	2.60	1.00	0.10	0.30	1.20	0.10		
<b>Max</b>	5.60	9.70	9.10	16.80	20.10	6.00	6.40	6.90	0.30	0.80	10.30	0.20	20.10	
<b>Min</b>	2.00	0.40	0.40	0.60	1.20	1.30	0.80	0.20	0.00	0.00	0.20	0.00	0.00	