

WATER YEAR : 2011**SOUTHERN PENINSULA WEST COAST****Khlong Duson at Ban Cha Lung Nua , Satun (X.239)**

Lat 06 - 43 - 38 N Long 100 - 03 - 50 E

Location : on right bank at Ban Cha Lung Nua.

	Ban	Cha Lung Nua	Amphoe	Mueang	Changwat	Satun
Drainage Area	267	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	23					
R-Square	0.7336					
Remarks	Continued Sediment Station					

$$QS = 2.5358 QW^{1.51710}$$

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	209.50	56.30	26.00	19.50	14.80	179.90	168.60	49.20	71.60	227.90	73.60	37.70		
2	154.80	83.90	52.70	15.90	10.60	104.10	141.20	45.70	61.80	653.70	67.60	34.60		
3	92.70	37.70	49.20	18.30	8.60	79.60	111.10	37.70	54.50	206.40	67.60	34.60		
4	61.80	61.80	83.90	33.10	26.00	67.60	120.70	34.60	51.00	106.40	61.80	36.10		
5	56.30	73.60	75.60	27.40	15.90	111.10	130.80	36.10	294.70	83.90	58.20	51.00		
6	49.20	40.80	144.00	18.30	10.60	65.80	174.20	63.80	97.20	69.50	56.30	125.60		
7	90.50	36.10	56.30	14.80	9.60	61.80	144.00	65.80	69.50	61.80	51.00	73.60		
8	77.50	24.70	44.10	13.70	8.60	75.60	101.80	79.60	60.00	56.30	49.20	47.40		
9	40.80	22.00	31.70	12.60	6.80	58.20	94.90	79.60	65.80	58.20	45.70	63.80		
10	33.10	19.50	33.10	10.60	6.00	51.00	77.50	49.20	52.70	90.50	45.70	47.40		
11	28.80	23.30	69.50	9.60	8.60	693.70	94.90	44.10	65.80	104.10	45.70	42.40		
12	27.40	26.00	49.20	8.60	14.80	2413.60	77.50	39.20	65.80	104.10	45.70	36.10		
13	24.70	47.40	61.80	8.60	9.60	1162.50	65.80	33.10	58.20	933.70	44.10	34.60		
14	20.80	30.20	51.00	8.60	13.70	594.40	60.00	31.70	69.50	459.80	40.80	31.70		
15	19.50	23.30	37.70	8.60	97.20	334.10	52.70	30.20	45.70	200.60	40.80	30.20		
16	18.30	42.40	31.70	10.60	20.80	231.00	45.70	34.60	65.80	141.20	40.80	30.20		
17	15.90	42.40	27.40	7.70	111.10	177.20	61.80	31.70	111.10	136.00	42.40	27.40		
18	15.90	42.40	37.70	6.80	52.70	136.00	51.00	28.80	79.60	123.20	47.40	27.40		
19	40.80	47.40	40.80	5.20	26.00	130.80	56.30	28.80	75.60	157.40	51.00	24.70		
20	26.00	27.40	28.80	5.20	81.80	113.50	88.30	40.80	58.20	382.80	45.70	20.80		
21	20.80	28.80	24.70	5.20	133.30	106.40	75.60	52.70	51.00	185.70	42.40	22.00		
22	22.00	26.00	20.80	6.00	67.60	90.50	63.80	104.10	71.60	191.60	40.80	15.90		
23	22.00	26.00	24.70	5.20	71.60	79.60	51.00	123.20	58.20	177.20	39.20	13.70		
24	18.30	22.00	34.60	5.20	51.00	63.80	42.40	723.10	49.20	123.20	37.70	12.60		
25	13.70	24.70	26.00	11.60	108.70	56.30	49.20	468.70	45.70	104.10	36.10	12.60		
26	12.60	26.00	23.30	9.60	323.20	73.60	47.40	247.10	42.40	94.90	34.60	12.60		
27	18.30	26.00	19.50	6.80	459.80	154.80	42.40	224.70	39.20	86.10	34.60	15.90		
28	14.80	24.70	17.10	11.60	459.80	505.60	39.20	146.60	37.70	79.60	37.70	14.80		
29	14.80	23.30	22.00	27.40	562.80	729.10	36.10	104.10	33.10	75.60	47.40	19.50		
30	14.80	27.40	33.10	30.20	789.60	257.10	36.10	86.10	37.70	73.60		20.80		
31		26.00		23.30	323.20		45.70		39.20	73.60		19.50		
Total	1276.40	1089.50	1278.00	405.80	3904.40	8958.30	2447.70	3164.70	2079.10	5622.70	1371.60	1037.20	32635.40	Ton
Mean	42.50	35.10	42.60	13.10	125.90	298.60	79.00	105.50	67.10	181.40	47.30	33.50		
Max	209.50	83.90	144.00	33.10	789.60	2413.60	174.20	723.10	294.70	933.70	73.60	125.60	2413.60	
Min	12.60	19.50	17.10	5.20	6.00	51.00	36.10	28.80	33.10	56.30	34.60	12.60	5.20	