

**WATER YEAR : 2011****THALE SAP SONGKHLA****Khlong Wa at Ban Khlong Wa , Songkhla (X.174)**

Lat 06 - 59 - 42 N Long 100 - 29 - 05 E

**Location : on right bank at the bridge.**

	<b>Ban</b> Khlong Wa	<b>Amploe</b> Hat Yai	<b>Changwat</b> Songkhla
<b>Drainage Area</b>	116 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	2003-Cont'd		
<b>Actual Measurement</b>	2003-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	28		
<b>R-Square</b>	0.8359		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 4.6792 QW^{1.40720}$$

**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	75.30	24.00	37.60	26.20	10.70	32.90	28.40	269.00	219.40	7695.70	133.20	45.10		
2	115.30	19.90	42.50	24.00	10.70	32.90	26.20	197.70	190.90	8397.80	133.20	42.50		
3	103.80	18.00	42.50	26.20	9.10	28.40	24.00	171.00	164.50	2051.20	127.10	45.10		
4	84.20	47.60	40.10	37.60	9.10	28.40	24.00	127.10	227.50	589.90	115.30	58.20		
5	75.30	115.30	47.60	30.60	9.10	28.40	26.20	139.30	507.60	440.00	103.80	92.70		
6	58.20	81.20	37.60	24.00	9.10	26.20	26.20	286.20	252.20	339.50	98.20	269.00		
7	50.20	61.00	40.10	22.00	9.10	24.00	28.40	303.60	197.70	294.90	87.30	145.50		
8	45.10	52.80	47.60	22.00	9.10	24.00	32.90	260.50	171.00	277.60	84.20	98.20		
9	45.10	35.30	47.60	19.90	9.10	22.00	32.90	171.00	139.30	286.20	84.20	87.30		
10	37.60	32.90	75.30	16.00	7.50	19.90	32.90	121.20	151.70	396.50	81.20	81.20		
11	32.90	35.30	81.20	16.00	7.50	164.50	42.50	103.80	171.00	376.40	78.20	75.30		
12	30.60	35.30	69.50	14.20	9.10	277.60	37.60	98.20	269.00	840.60	75.30	84.20		
13	28.40	32.90	61.00	12.40	9.10	158.10	37.60	84.20	811.20	2260.90	72.30	75.30		
14	26.20	32.90	55.50	14.20	9.10	87.30	28.40	84.20	484.70	1431.80	72.30	69.50		
15	24.00	42.50	50.20	10.70	69.50	66.60	22.00	98.20	376.40	627.60	69.50	66.60		
16	24.00	69.50	47.60	10.70	55.50	61.00	35.30	98.20	753.30	739.00	69.50	61.00		
17	22.00	78.20	42.50	9.10	26.20	55.50	30.60	84.20	1088.10	577.90	66.60	58.20		
18	45.10	72.30	42.50	9.10	9.10	52.80	45.10	69.50	641.20	418.10	63.80	55.50		
19	87.30	58.20	40.10	9.10	18.00	50.20	63.80	72.30	451.10	367.10	63.80	52.80		
20	72.30	50.20	35.30	7.50	35.30	47.60	58.20	78.20	339.50	418.10	61.00	58.20		
21	55.50	52.80	32.90	7.50	66.60	37.60	55.50	1289.00	339.50	348.60	61.00	69.50		
22	47.60	52.80	30.60	9.10	52.80	35.30	50.20	2371.90	376.40	294.90	58.20	75.30		
23	42.50	78.20	26.20	19.90	37.60	32.90	40.10	1735.30	312.50	260.50	55.50	66.60		
24	37.60	121.20	22.00	18.00	32.90	30.60	42.50	2288.50	321.40	227.50	58.20	61.00		
25	32.90	84.20	19.90	14.20	32.90	28.40	42.50	1105.60	260.50	204.50	40.10	58.20		
26	28.40	63.80	18.00	12.40	28.40	28.40	47.60	682.60	204.50	190.90	35.30	55.50		
27	24.00	55.50	18.00	10.70	32.90	32.90	69.50	577.90	171.00	171.00	45.10	52.80		
28	22.00	50.20	18.00	10.70	45.10	28.40	72.30	473.40	164.50	164.50	47.60	50.20		
29	19.90	45.10	18.00	10.70	45.10	32.90	61.00	357.80	145.50	151.70	47.60	50.20		
30	28.40	40.10	32.90	9.10	45.10	32.90	103.80	277.60	139.30	145.50		47.60		
31		37.60		9.10	45.10		235.60		197.70	133.20		47.60		
Total	1421.70	1676.80	1220.40	492.90	805.50	1608.60	1503.80	14077.20	10240.10	31119.60	2188.60	2255.90	68611.10	<b>Ton</b>
Mean	47.40	54.10	40.70	15.90	26.00	53.60	48.50	469.20	330.30	1003.90	75.50	72.80		
Max	115.30	121.20	81.20	37.60	69.50	277.60	235.60	2371.90	1088.10	8397.80	133.20	269.00	8397.80	
Min	19.90	18.00	18.00	7.50	7.50	19.90	22.00	69.50	139.30	133.20	35.30	42.50	7.50	