

**WATER YEAR : 2011****THALE SAP SONGKHLA****Upper Khlong Tha Nae at Ban Khao Pu , Phatthalung (X.276)**

Lat 07 - 42 - 25 N Long 99 - 50 - 29 E

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

	<b>Ban</b> Khao Pu	<b>Amphoe</b> Si Banphot	<b>Changwat</b> Phatthalung
<b>Drainage Area</b>	47 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	2009-Cont'd		
<b>Actual Measurement</b>	2009-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	26		
<b>R-Square</b>	0.9383		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 8.9528 QW^{1.53830}$$

**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	485.00	9.90	1.40	0.60	2.50	8.70	149.30	1994.90	61.80	1788.80	291.80	3.10		
2	553.50	8.70	2.20	0.50	2.60	7.60	50.30	153.40	47.50	922.40	279.30	2.80		
3	427.80	8.30	2.30	0.70	2.50	5.80	77.30	87.10	37.10	364.10	153.40	3.10		
4	243.40	9.90	1.60	0.60	2.30	8.00	28.20	55.90	50.30	208.50	83.80	2.90		
5	170.80	8.70	1.60	0.60	2.20	7.40	32.20	485.00	32.20	132.70	47.50	6.60		
6	136.60	8.00	1.30	0.50	1.90	5.80	25.60	47.50	34.60	90.50	28.20	6.40		
7	124.30	7.40	1.10	0.50	1.80	6.00	19.30	29.50	42.20	67.80	20.60	5.20		
8	97.70	8.00	1.10	0.50	1.80	4.60	17.00	26.80	23.10	53.10	15.90	6.40		
9	83.80	7.40	1.40	0.40	1.80	3.80	13.90	23.10	23.10	44.80	11.90	12.80		
10	74.10	7.40	0.90	0.40	1.60	4.60	10.80	19.30	47.50	44.80	9.90	21.70		
11	64.80	7.00	1.20	0.40	1.80	64.80	15.90	28.20	50.30	28.20	8.30	10.80		
12	53.10	7.60	1.20	1.60	2.20	197.40	9.90	20.60	58.80	175.90	7.60	8.00		
13	44.80	8.00	1.30	0.80	1.80	67.80	9.00	18.10	39.60	267.00	7.00	6.40		
14	42.20	7.40	2.50	1.20	2.90	13.90	12.80	21.70	29.50	1326.40	6.60	5.80		
15	34.60	6.60	2.30	5.20	2.20	15.90	8.70	32.20	77.30	776.80	6.40	5.80		
16	31.00	17.00	1.30	0.80	2.00	13.90	8.00	26.80	1824.10	254.90	6.00	5.50		
17	28.20	9.00	2.00	0.80	2.40	12.80	7.60	21.70	571.00	144.90	5.80	5.20		
18	28.20	7.40	1.40	0.60	2.20	9.90	7.40	44.80	254.90	197.40	5.20	4.90		
19	29.50	6.40	1.10	0.50	1.90	8.30	12.80	23.10	153.40	175.90	4.90	4.60		
20	25.60	5.50	1.00	0.40	2.00	19.30	12.80	17.00	105.20	991.60	4.60	4.40		
21	23.10	5.50	1.00	0.40	7.00	18.10	8.30	5265.90	67.80	887.80	5.80	3.80		
22	21.70	5.20	0.80	0.40	34.60	12.80	13.90	625.00	105.20	237.30	5.50	4.40		
23	19.30	4.60	0.80	0.50	19.30	8.70	9.90	747.50	50.30	149.30	5.20	4.10		
24	17.00	4.10	0.70	0.50	9.00	8.00	25.60	820.60	58.80	87.10	4.90	3.80		
25	15.90	3.80	0.70	0.50	6.60	7.00	14.90	709.00	208.50	67.80	4.60	3.60		
26	14.90	3.60	0.70	0.50	9.00	10.80	108.80	254.90	273.40	55.90	4.40	3.30		
27	14.90	6.40	0.70	0.50	74.10	18.10	42.20	203.10	162.00	44.80	3.80	4.10		
28	13.90	4.60	0.60	2.50	47.50	19.30	32.20	153.40	120.50	31.00	6.00	3.10		
29	12.80	3.80	0.60	4.40	29.50	64.80	175.90	87.10	67.80	23.10	6.00	3.10		
30	12.80	3.80	0.60	3.60	21.70	29.50	634.10	61.80	55.90	25.60		2.90		
31		3.60		3.10	18.10		709.00		384.40	3389.10		4.90		
Total	2945.30	214.60	37.40	34.50	318.80	683.40	2303.60	12105.00	5118.10	13055.30	1050.90	173.50	38040.40	<b>Ton</b>
Mean	98.20	6.90	1.20	1.10	10.30	22.80	74.30	403.50	165.10	421.10	36.20	5.60		
Max	553.50	17.00	2.50	5.20	74.10	197.40	709.00	5265.90	1824.10	3389.10	291.80	21.70	5265.90	
Min	12.80	3.60	0.60	0.40	1.60	3.80	7.40	17.00	23.10	23.10	3.80	2.80	0.40	