

**WATER YEAR : 2011****MAE KLONG RIVER BASIN****Huai Mae Kraban at Ban Si Mong Khon , Kanchanaburi (K.53)**

Lat 14 - 01 - 38 N Long 99 - 13 - 23 E

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

	<b>Ban</b> Si Mong Khon	<b>Amphoe</b> Sai Yok	<b>Changwat</b> Kanchanaburi
<b>Drainage Area</b>	308 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>	1998-2011		
<b>Number of observation</b>	188		
<b>R-Square</b>	0.9171		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 8.5646 QW^{1.59030}$$

**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	1.00	20.90	2.60	0.80	2.80	1.40	0.50	0.50	0.30	0.20	0.10	0.00		
2	0.70	10.70	2.10	0.80	15.50	1.80	0.50	0.40	0.30	0.20	0.10	0.00		
3	0.60	4.90	3.80	0.70	7.20	2.30	0.40	0.30	0.30	0.20	0.10	0.00		
4	0.50	2.80	31.80	1.00	3.80	2.30	0.40	0.30	0.30	0.20	0.10	0.00		
5	0.60	3.80	14.10	2.80	2.60	1.80	0.60	0.30	0.30	0.20	0.10	0.00		
6	0.50	33.30	4.90	3.80	1.80	0.80	18.10	0.30	0.30	0.20	0.10	0.00		
7	0.50	5.40	3.30	1.80	1.40	0.70	195.60	0.30	0.30	0.20	0.10	0.00		
8	0.50	3.80	2.60	1.00	1.60	0.70	2163.40	0.30	0.30	0.20	0.10	0.00		
9	0.40	2.80	2.30	0.70	1.20	0.70	620.60	0.30	0.30	0.20	0.10	0.00		
10	0.50	2.60	1.80	0.60	1.40	0.70	280.00	0.30	0.30	0.20	0.10	0.00		
11	0.70	2.30	1.60	0.60	1.60	3.30	215.50	0.30	0.30	0.20	0.10	0.00		
12	0.60	2.10	1.40	0.60	1.60	141.80	127.00	0.30	0.30	0.10	0.10	0.00		
13	0.50	1.80	1.20	0.50	1.20	28.50	60.00	0.30	0.30	0.10	0.10	0.00		
14	0.40	1.80	1.20	0.50	1.20	9.70	82.30	0.30	0.30	0.10	0.10	0.00		
15	0.40	1.80	1.00	0.50	0.80	4.90	82.30	0.30	0.30	0.10	0.10	0.00		
16	0.40	3.80	1.20	0.50	0.80	2.60	78.30	0.30	0.30	0.10	0.10	0.00		
17	0.40	5.40	1.00	0.50	0.80	1.80	74.30	0.30	0.30	0.10	0.10	0.00		
18	0.30	4.90	1.20	0.50	0.80	1.20	54.50	0.30	0.30	0.10	0.10	0.00		
19	0.30	4.30	1.00	0.50	0.70	0.80	36.80	0.30	0.30	0.10	0.00	0.00		
20	0.30	3.30	0.80	0.50	0.70	0.80	25.40	0.30	0.30	0.10	0.00	0.00		
21	0.30	2.60	0.80	0.60	0.60	0.70	18.10	0.30	0.30	0.10	0.00	0.00		
22	0.30	2.30	0.80	0.70	0.60	0.70	11.90	0.30	0.30	0.10	0.00	0.00		
23	2.10	1.80	0.70	0.70	0.60	0.70	7.90	0.30	0.20	0.10	0.00	0.00		
24	170.10	1.80	0.70	0.80	0.60	0.80	7.20	0.30	0.20	0.10	0.00	0.00		
25	122.20	1.60	0.60	0.70	0.50	0.70	4.90	0.30	0.20	0.10	0.00	0.00		
26	36.80	1.80	0.60	0.80	0.50	0.70	2.60	0.30	0.20	0.10	0.00	0.00		
27	10.70	2.10	1.00	0.80	0.50	0.60	1.20	0.30	0.20	0.10	0.00	0.00		
28	35.20	1.80	1.40	0.70	0.60	0.60	1.00	0.30	0.20	0.10	0.00	0.00		
29	280.00	1.40	1.00	0.60	18.10	0.50	0.80	0.30	0.20	0.10	0.00	0.00		
30	36.80	1.60	0.80	0.60	3.30	0.50	0.70	0.30	0.20	0.10		0.40		
31		2.10		0.60	2.10		0.60		0.20	0.10		0.00		
<b>Total</b>	704.60	143.40	89.30	26.80	77.50	215.10	4173.40	9.30	8.40	4.20	1.80	0.40	5454.20	<b>Ton</b>
<b>Mean</b>	23.50	4.60	3.00	0.90	2.50	7.20	134.60	0.30	0.30	0.10	0.10	0.00		
<b>Max</b>	280.00	33.30	31.80	3.80	18.10	141.80	2163.40	0.50	0.30	0.20	0.10	0.40	2163.40	
<b>Min</b>	0.30	1.40	0.60	0.50	0.50	0.50	0.40	0.30	0.20	0.10	0.00	0.00	0.00	