

**WATER YEAR : 2011****KHONG RIVER BASIN****Huai Chanot at Ban Khon Sawan , Nakhon Phanom (Kh.91)**

Lat 16 - 47 - 48 N Long 104 - 39 - 45 E

**Location : on left bank at the bridge on highway.**

	<b>Ban</b> Don Sawan	<b>Amphoe</b> That Phanom	<b>Changwat</b> Nakhon Phanom
<b>Drainage Area</b>	172 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>	20		
<b>R-Square</b>	0.9404		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 5.6762 QW^{0.97320}$$

**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	0.70	0.20	0.50	75.80	91.50	32.80	25.60	7.50	2.50	2.20	2.50	1.10		
2	0.60	0.20	3.00	185.40	102.70	64.90	24.50	7.20	2.30	2.10	3.20	1.00		
3	0.50	0.20	2.20	102.70	108.30	86.50	23.70	7.20	2.30	2.10	3.00	0.90		
4	0.50	0.20	1.90	51.20	99.70	128.40	22.90	7.00	2.30	2.10	2.50	0.90		
5	0.50	0.20	3.70	20.80	84.60	140.60	21.90	6.80	2.30	2.20	2.10	1.20		
6	0.40	0.20	6.20	9.90	73.10	145.20	21.10	6.70	2.30	2.70	1.60	1.20		
7	0.40	0.20	8.10	8.00	104.80	129.00	18.70	5.80	2.50	3.00	1.20	0.90		
8	0.60	0.20	4.80	7.30	149.80	97.10	17.90	6.20	2.80	2.70	1.10	0.90		
9	0.90	0.60	3.30	7.30	170.40	109.40	16.80	6.00	3.00	2.10	1.10	0.90		
10	0.90	0.40	2.00	10.60	235.10	116.50	13.60	5.70	2.50	1.80	2.00	0.90		
11	0.80	0.30	1.90	11.30	162.80	100.20	11.90	5.50	2.30	1.80	2.20	1.00		
12	0.50	0.20	1.00	12.30	109.90	131.90	11.70	5.30	2.20	2.00	2.20	1.20		
13	0.40	0.20	0.60	26.80	82.30	136.20	16.30	5.00	2.10	2.00	1.90	0.80		
14	0.40	0.50	0.60	40.60	57.80	121.70	33.70	4.80	2.50	2.10	1.40	0.60		
15	0.30	10.80	0.60	57.80	50.80	117.00	101.70	5.70	3.30	2.80	1.10	0.60		
16	0.20	7.30	0.70	77.70	45.40	113.90	97.10	5.70	4.00	5.20	1.20	0.60		
17	0.20	7.30	2.30	61.10	46.90	116.50	66.50	5.00	3.20	4.30	1.20	0.70		
18	0.20	4.70	5.00	31.80	52.00	137.10	45.80	4.50	2.50	2.80	1.20	1.80		
19	0.20	4.80	6.50	16.00	108.30	114.40	31.50	3.80	2.80	2.30	1.10	2.20		
20	0.30	6.30	7.30	9.90	242.60	86.00	22.40	3.80	2.50	2.70	1.10	2.00		
21	0.20	4.70	4.30	29.60	184.20	66.90	18.70	3.20	2.50	5.20	1.10	1.60		
22	0.20	2.70	8.10	58.20	117.50	51.60	11.70	3.50	2.30	9.10	1.10	1.20		
23	0.20	1.40	8.10	54.90	86.00	42.80	9.30	3.70	2.30	21.90	1.00	0.70		
24	0.30	0.80	4.50	43.50	62.80	35.90	11.90	4.80	2.10	10.60	0.90	0.60		
25	0.30	0.60	3.80	30.60	48.70	29.30	11.00	4.70	2.10	6.70	0.90	0.60		
26	0.20	0.40	3.70	20.00	41.00	26.80	9.90	3.80	2.20	4.50	0.90	0.60		
27	0.20	0.40	2.70	10.40	31.80	26.80	9.50	3.20	2.50	3.20	1.10	0.60		
28	0.20	0.30	3.00	14.90	22.90	30.60	9.30	2.50	3.20	2.80	1.10	0.50		
29	0.20	0.30	9.00	14.90	20.80	28.30	9.00	2.50	2.70	2.50	1.10	0.50		
30	0.20	0.20	22.10	37.80	18.70	27.10	9.00	2.50	2.50	2.10		0.50		
31		0.20		69.40	22.10		8.50		2.50	2.00		0.50		
<b>Total</b>	11.70	57.00	131.50	1208.50	2835.30	2591.40	763.10	149.60	79.10	121.60	44.10	29.30	8022.20	<b>Ton</b>
<b>Mean</b>	0.40	1.80	4.40	39.00	91.50	86.40	24.60	5.00	2.60	3.90	1.50	0.90		
<b>Max</b>	0.90	10.80	22.10	185.40	242.60	145.20	101.70	7.50	4.00	21.90	3.20	2.20	242.60	
<b>Min</b>	0.20	0.20	0.50	7.30	18.70	26.80	8.50	2.50	2.10	1.80	0.90	0.50	0.20	