

WATER YEAR : 2011**MAE KLONG RIVER BASIN****Huai Diso at Ban Hin Laem , Kanchanaburi (K.50)**

Lat 14 - 38 - 39 N Long 98 - 42 - 04 E

Location : on right bank at the bridge on Kanchanaburi - Thong Pha Phum Highway from Tambon Tha Khanun.

	Ban Hin Laem	Amphoe Thong Pha Phum	Changwat Kanchanaburi
Drainage Area	123 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	27		
R-Square	0.9737		
Remarks	Continued Sediment Station		

$$QS = 3.4253 QW^{1.62970}$$

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	0.40	1.10	1.40	5.50	276.60	40.80	12.70	5.50	1.80	0.80	0.70	0.40		
2	0.40	0.90	0.80	4.70	259.20	49.80	10.90	5.10	1.80	0.80	0.70	0.40		
3	0.40	0.90	0.90	3.30	192.80	49.80	9.70	5.10	1.60	0.80	1.60	0.40		
4	0.60	0.70	0.90	3.00	70.70	37.20	13.50	5.10	1.60	1.10	1.80	0.40		
5	0.60	10.30	0.80	49.80	46.00	37.20	16.30	4.70	1.60	1.10	2.00	0.40		
6	0.70	6.80	0.80	7.70	31.70	22.90	10.30	4.70	1.60	12.10	1.30	0.40		
7	0.70	4.00	0.70	4.40	22.00	19.40	88.20	4.70	1.40	4.00	1.10	0.40		
8	0.70	10.30	0.50	3.70	58.90	39.60	46.00	4.70	1.40	1.60	0.90	0.40		
9	0.60	4.40	0.50	3.70	74.40	30.70	74.40	4.40	1.30	0.90	0.80	0.40		
10	0.80	11.50	0.70	3.30	65.40	294.50	40.80	4.40	1.30	0.90	0.80	0.30		
11	0.80	6.80	0.60	5.90	51.20	409.60	16.30	4.00	1.30	1.10	0.80	0.30		
12	0.70	5.10	0.60	7.70	43.30	281.20	12.70	4.00	1.10	1.10	0.80	0.30		
13	0.70	3.70	0.70	4.40	35.00	211.20	17.10	4.00	1.10	0.90	0.90	0.30		
14	0.60	1.60	0.80	3.30	17.10	101.70	12.70	3.70	1.10	0.90	0.80	0.30		
15	0.40	1.60	0.80	7.20	12.10	58.90	19.40	3.30	1.30	0.90	0.70	0.30		
16	0.40	1.40	1.60	5.50	32.80	55.80	322.10	3.30	1.10	0.80	0.60	1.10		
17	0.30	1.30	7.70	4.70	20.30	58.90	57.40	3.30	1.10	0.80	0.60	0.80		
18	0.20	1.10	10.90	4.00	20.30	42.10	24.80	3.00	1.10	0.80	0.60	0.70		
19	0.20	5.10	8.80	3.70	10.90	30.70	18.60	3.00	1.10	0.80	2.70	0.60		
20	0.20	4.00	7.70	6.80	10.90	25.70	13.50	3.00	1.10	0.80	1.40	0.40		
21	0.20	3.00	5.90	175.40	12.10	25.70	12.10	2.70	0.90	0.80	1.10	0.40		
22	0.10	2.20	5.50	123.90	9.30	35.00	10.90	2.40	0.90	0.70	0.90	0.40		
23	0.80	1.60	4.00	54.30	6.80	20.30	10.30	2.40	0.90	0.70	0.70	0.40		
24	0.70	1.60	2.70	21.10	7.70	17.80	9.30	2.40	0.90	0.70	0.70	0.30		
25	0.50	1.40	2.40	10.30	4.70	17.10	8.20	2.40	0.90	0.70	0.70	0.20		
26	0.40	3.30	2.20	11.50	3.70	16.30	7.70	2.40	0.80	0.70	0.70	0.20		
27	0.40	10.30	37.20	13.50	3.00	13.50	7.70	2.40	0.80	0.70	0.70	0.40		
28	0.30	6.30	40.80	8.80	54.30	17.10	6.80	2.40	0.80	0.70	0.60	0.40		
29	0.30	5.50	14.90	5.90	276.60	12.70	6.30	2.00	0.80	0.70	0.40	0.40		
30	0.60	3.30	8.20	26.60	65.40	10.90	6.30	1.80	0.80	0.70		0.30		
31		2.40		111.40	65.40		5.90		0.80	0.60		0.20		
Total	14.70	123.50	172.00	705.00	1860.60	2084.10	928.90	106.30	36.10	40.70	28.10	12.60	6112.60	Ton
Mean	0.50	4.00	5.70	22.70	60.00	69.50	30.00	3.50	1.20	1.30	1.00	0.40		
Max	0.80	11.50	40.80	175.40	276.60	409.60	322.10	5.50	1.80	12.10	2.70	1.10	409.60	
Min	0.10	0.70	0.50	3.00	3.00	10.90	5.90	1.80	0.80	0.60	0.40	0.20	0.10	