

WATER YEAR : 2011**MAE KLONG RIVER BASIN****Huai Mae Nam Noi at Ban Nam Chon , Kanchanaburi (K.31)**

Lat 14 - 26 - 04 N Long 98 - 49 - 20 E

Location : on right bank about 2 kilometers downstream from station K.22A

	Ban Nam Chon	Amphoe Sai Yok	Changwat Kanchanaburi
Drainage Area	799 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	51		
R-Square	0.8384		
Remarks	Continued Sediment Station		

$$QS = 0.7895 QW^{1.31570}$$

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	2.70	5.60	6.20	39.30	1371.90	60.80	59.50	26.00	11.20	6.60	4.40	2.90		
2	2.70	4.70	5.60	39.30	750.40	80.10	70.20	25.20	11.20	6.20	4.40	2.90		
3	2.50	4.40	5.60	36.60	422.40	73.00	58.10	24.40	11.20	6.20	5.30	2.90		
4	2.90	4.20	6.60	33.00	257.30	68.90	63.40	23.50	10.70	6.20	5.30	2.70		
5	4.20	3.60	10.70	30.30	188.20	59.50	53.00	22.70	10.20	6.60	6.20	2.70		
6	4.20	3.90	11.20	26.00	151.70	54.20	55.50	22.70	10.20	6.20	5.30	2.50		
7	4.40	5.30	11.20	21.90	127.90	62.10	59.50	21.90	9.80	6.20	5.30	2.50		
8	4.20	5.30	8.20	19.20	132.20	80.10	395.40	19.90	9.80	6.20	4.40	2.30		
9	6.20	11.20	7.00	17.90	138.60	134.30	168.40	18.50	9.80	5.90	4.20	2.30		
10	7.40	36.60	6.60	17.20	153.90	117.50	109.60	17.90	9.80	5.90	4.20	2.30		
11	5.00	26.90	8.20	17.20	153.90	163.50	107.90	17.20	9.40	5.60	3.90	2.30		
12	4.20	15.90	13.70	17.20	138.60	228.60	88.10	16.50	9.00	5.60	3.90	2.30		
13	3.90	13.20	17.20	18.50	119.50	156.30	75.80	16.50	8.60	5.30	3.90	2.90		
14	3.10	12.20	16.50	18.50	106.20	125.80	70.20	15.90	8.60	5.30	4.20	2.70		
15	3.10	16.50	22.70	19.20	94.60	117.50	63.40	15.90	8.60	5.30	3.90	2.90		
16	3.40	17.90	74.40	18.50	93.00	107.90	60.80	15.30	8.60	5.30	3.60	3.10		
17	3.90	12.20	149.50	24.40	149.50	96.20	67.50	14.70	8.20	5.30	3.60	3.10		
18	3.10	12.20	163.50	25.20	101.20	99.50	56.80	14.20	8.20	5.30	3.40	2.70		
19	2.70	9.40	109.60	33.00	107.90	96.20	51.70	14.20	8.20	5.00	5.30	2.50		
20	2.50	5.00	74.40	73.00	104.50	89.70	47.90	13.70	7.80	5.30	5.30	2.30		
21	2.30	7.80	68.90	323.70	97.90	115.40	42.90	13.20	7.80	5.90	4.40	2.30		
22	2.50	7.40	66.10	514.00	86.50	93.00	39.30	13.20	7.80	5.90	3.60	2.30		
23	2.90	7.00	64.80	200.90	68.90	115.40	37.50	12.70	7.80	5.30	3.60	2.10		
24	13.70	7.40	50.40	125.80	62.10	101.20	36.60	12.70	7.40	5.30	3.40	2.10		
25	11.20	8.60	39.30	88.10	60.80	80.10	34.70	12.70	7.40	5.00	3.40	2.10		
26	6.20	7.80	39.30	67.50	59.50	74.40	32.10	12.70	7.00	4.70	3.40	2.10		
27	5.60	7.80	89.70	60.80	59.50	63.40	30.30	12.20	7.00	4.70	3.10	3.60		
28	5.30	8.20	138.60	50.40	86.50	56.80	29.40	12.20	6.60	4.40	3.10	4.40		
29	5.60	7.00	66.10	42.90	71.60	51.70	27.70	11.70	6.60	4.40	2.90	3.60		
30	6.20	6.20	45.40	44.20	68.90	50.40	26.90	11.70	6.60	4.40		2.90		
31		7.00		251.50	62.10		25.20		6.60	4.70		2.50		
Total	137.80	308.40	1397.20	2315.20	5647.70	2873.50	2145.30	501.80	267.70	170.20	120.90	82.80	15968.50	Ton
Mean	4.60	9.90	46.60	74.70	182.20	95.80	69.20	16.70	8.60	5.50	4.20	2.70		
Max	13.70	36.60	163.50	514.00	1371.90	228.60	395.40	26.00	11.20	6.60	6.20	4.40	1371.90	
Min	2.30	3.60	5.60	17.20	59.50	50.40	25.20	11.70	6.60	4.40	2.90	2.10	2.10	