

WATER YEAR : 2011**MAE KLONG RIVER BASIN****Lam Phachi at Chom Bung , Ratchaburi (K.61)**

Lat 13 - 41 - 28 N Long 99 - 27 - 08 E

Location : on right bank at the bridge on highway.

	Ban -	Amphoe Chom Bung	Changwat Ratchaburi
Drainage Area	1,844 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2003-Cont'd		
Actual Measurement	2003-Cont'd		
Using Rating Curve Water Year	2003-2011		
Number of observation	225		
R-Square	0.8850		
Remarks	Continued Sediment Station		

$$QS = 2.1502 QW^{1.49480}$$

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	14.00	44.60	93.80	74.90	155.10	78.50	82.30	262.70	71.20	58.40	52.70	20.60		
2	3.60	82.30	101.70	71.20	514.80	78.50	82.30	218.30	71.20	58.40	52.70	20.60		
3	3.60	61.30	97.70	71.20	362.80	78.50	82.30	234.90	71.20	61.30	49.90	20.60		
4	3.60	93.80	331.70	71.20	196.50	74.90	93.80	211.00	71.20	61.30	52.70	22.30		
5	8.50	64.20	234.90	82.30	138.30	74.90	89.90	189.30	71.20	58.40	49.90	24.00		
6	11.70	67.70	132.90	86.00	111.80	74.90	97.70	149.40	71.20	58.40	49.90	20.60		
7	31.20	71.20	117.00	78.50	97.70	71.20	373.40	155.10	74.90	58.40	47.20	19.00		
8	55.50	78.50	101.70	78.50	89.90	71.20	2290.40	149.40	74.90	55.50	47.20	19.00		
9	24.00	61.30	93.80	71.20	89.90	82.30	1515.10	138.30	74.90	55.50	47.20	19.00		
10	27.50	47.20	86.00	71.20	89.90	89.90	681.70	132.90	74.90	52.70	44.60	19.00		
11	29.30	55.50	82.30	67.70	86.00	101.70	540.60	132.90	74.90	47.20	39.40	19.00		
12	17.70	52.70	82.30	64.20	86.00	155.10	825.60	106.70	74.90	47.20	39.40	19.00		
13	10.60	67.70	78.50	64.20	86.00	182.30	966.10	117.00	74.90	47.20	36.90	20.60		
14	8.50	175.40	78.50	61.30	86.00	138.30	792.60	117.00	78.50	49.90	36.90	24.00		
15	6.80	225.80	78.50	64.20	93.80	117.00	502.00	106.70	78.50	49.90	36.90	22.30		
16	5.40	452.10	78.50	64.20	93.80	106.70	581.40	101.70	74.90	52.70	36.90	27.50		
17	4.80	218.30	82.30	64.20	89.90	101.70	595.40	97.70	71.20	49.90	35.00	29.30		
18	2.50	182.30	78.50	61.30	89.90	97.70	1103.90	97.70	67.70	49.90	31.20	31.20		
19	7.50	161.80	97.70	58.40	86.00	93.80	792.60	93.80	67.70	52.70	27.50	27.50		
20	101.70	132.90	89.90	58.40	86.00	93.80	540.60	89.90	67.70	49.90	25.70	27.50		
21	22.30	111.80	93.80	64.20	82.30	93.80	476.80	86.00	67.70	47.20	31.20	31.20		
22	10.60	101.70	111.80	71.20	82.30	89.90	476.80	82.30	67.70	52.70	33.00	27.50		
23	6.80	93.80	111.80	78.50	82.30	89.90	405.70	82.30	64.20	55.50	31.20	22.30		
24	10.60	86.00	93.80	82.30	78.50	89.90	321.50	86.00	64.20	52.70	27.50	19.00		
25	97.70	86.00	86.00	86.00	74.90	89.90	311.40	89.90	64.20	49.90	29.30	16.40		
26	175.40	101.70	82.30	82.30	78.50	93.80	373.40	78.50	64.20	49.90	35.00	14.00		
27	89.90	149.40	82.30	82.30	78.50	97.70	301.50	74.90	64.20	47.20	31.20	14.00		
28	47.20	132.90	86.00	82.30	78.50	93.80	291.60	74.90	64.20	47.20	25.70	12.80		
29	52.70	101.70	82.30	74.90	86.00	89.90	452.10	74.90	61.30	44.60	22.30	11.70		
30	55.50	89.90	78.50	74.90	86.00	86.00	502.00	71.20	58.40	44.60		11.70		
31		93.80		89.90	82.30		384.10		58.40	49.90		10.60		
Total	946.70	3545.30	3126.80	2253.10	3620.20	2877.50	16926.60	3703.30	2156.40	1616.20	1106.20	643.80	42522.10	Ton
Mean	31.60	114.40	104.20	72.70	116.80	95.90	546.00	123.40	69.60	52.10	38.10	20.80		
Max	175.40	452.10	331.70	89.90	514.80	182.30	2290.40	262.70	78.50	61.30	52.70	31.20	2290.40	
Min	2.50	44.60	78.50	58.40	74.90	71.20	82.30	71.20	58.40	44.60	22.30	10.60	2.50	