

WATER YEAR : 2011**BANG PAKONG RIVER BASIN****Khlong Samo Pun at Ban Noen Hom , Prachin Buri (Ny.4)**

Lat 14 - 17 - 27 N Long 101 - 24 - 25 E

Location : on left bank at the bridge of Prachin Buri - Khao Yai Highway.

	Ban Noen Hom	Amphoe Mueang	Changwat Prachin Buri
Drainage Area	128 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1986-Cont'd		
Actual Measurement	1986-Cont'd		
Using Rating Curve Water Year	1986-2011		
Number of observation	354		
R-Square	0.7709		
Remarks	Continued Sediment Station		

$$QS = 1.5760 QW^{1.36070}$$

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	0.00	14.10	214.50	424.40	1039.40	128.60	176.00	9.00	1.20	0.00	0.00	0.00		
2	0.00	9.70	145.40	159.80	526.70	165.60	115.00	7.00	1.20	0.00	0.00	0.00		
3	0.00	4.00	79.90	210.60	195.00	108.40	106.40	6.40	1.00	0.00	0.00	0.00		
4	0.00	3.20	69.10	145.40	187.40	431.10	96.70	5.80	1.00	0.00	0.00	0.00		
5	0.00	2.70	91.00	98.60	307.40	148.20	78.00	5.80	1.00	0.00	0.00	0.00		
6	0.00	2.00	98.60	76.20	123.10	165.60	108.40	5.20	0.80	0.00	0.00	0.00		
7	0.00	1.60	78.00	60.50	89.10	131.30	91.00	4.60	0.60	0.00	0.00	0.00		
8	0.00	1.20	63.90	62.20	78.00	108.40	74.40	4.00	0.60	0.00	0.00	0.00		
9	0.00	3.00	67.40	55.50	145.40	120.40	60.50	3.80	0.60	0.00	0.00	0.00		
10	0.00	4.60	478.20	98.60	131.30	112.30	52.20	3.80	0.50	0.00	0.00	0.00		
11	0.00	22.30	159.80	108.40	102.50	388.00	91.00	3.50	0.50	0.00	0.00	0.00		
12	0.00	13.30	162.70	78.00	83.50	673.70	72.70	3.20	0.50	0.00	0.00	0.00		
13	0.00	87.20	179.80	81.70	168.60	339.00	91.00	3.20	0.50	0.00	0.00	0.00		
14	0.00	18.90	222.40	179.80	377.00	333.70	69.10	3.00	0.50	0.00	0.00	0.00		
15	0.00	52.20	112.30	261.50	159.80	162.70	92.90	3.00	0.50	0.00	0.00	0.00		
16	0.00	36.70	131.30	156.90	256.50	187.40	78.00	2.70	0.30	0.00	0.00	0.00		
17	0.00	17.20	261.50	162.70	614.60	286.70	62.20	2.70	0.30	0.00	0.00	0.00		
18	0.00	55.50	328.40	176.00	478.20	168.60	55.50	2.50	0.30	0.00	0.00	0.00		
19	0.00	25.80	123.10	256.50	339.00	128.60	49.00	2.50	0.30	0.00	0.00	0.00		
20	0.00	53.90	622.90	251.60	214.50	302.20	39.60	2.30	0.30	0.00	0.00	0.00		
21	0.00	24.90	159.80	230.40	131.30	139.70	33.70	2.30	0.20	0.20	0.00	0.00		
22	4.00	19.70	108.40	251.60	104.40	106.40	30.90	2.30	0.20	0.00	0.00	0.00		
23	1.80	15.60	74.40	128.60	76.20	104.40	29.50	2.00	0.20	0.00	0.00	0.00		
24	1.00	9.70	69.10	323.10	53.90	366.00	26.70	2.00	0.10	0.00	0.00	0.00		
25	0.50	9.70	53.90	125.80	47.40	142.50	49.00	1.80	0.10	0.00	0.00	0.00		
26	3.00	12.60	50.60	339.00	47.40	106.40	44.30	1.80	0.10	0.00	0.00	0.00		
27	2.30	6.40	2886.90	134.10	39.60	246.60	36.70	1.60	0.10	0.00	0.00	0.00		
28	1.00	23.10	261.50	136.90	55.50	478.20	29.50	1.40	0.10	0.00	0.00	0.00		
29	3.20	505.80	142.50	100.50	142.50	162.70	20.50	1.40	0.10	0.00	0.00	0.00		
30	3.50	151.10	4229.50	437.70	246.60	246.60	14.10	1.40	0.10	0.00	0.00	0.00		
31		62.20		168.60	168.60		9.70		0.10	0.00	0.00	0.00		
Total	20.30	1269.90	11726.80	5481.20	6730.40	6690.00	1984.20	102.00	13.90	0.20	0.00	0.00	34018.90	Ton
Mean	0.70	41.00	390.90	176.80	217.10	223.00	64.00	3.40	0.40	0.00	0.00	0.00		
Max	4.00	505.80	4229.50	437.70	1039.40	673.70	176.00	9.00	1.20	0.20	0.00	0.00	4229.50	
Min	0.00	1.20	50.60	55.50	39.60	104.40	9.70	1.40	0.10	0.00	0.00	0.00	0.00	