

WATER YEAR : 2011**PRACHIN BURI RIVER BASIN****Khlong Phra Sathung at Ban Khao Chakan , Sa Kao (Kgt.9)**

Lat 13 - 40 - 11 N Long 102 - 04 - 38 E

Location : on right bank near Wat Khao Chakan.

	Ban Khao Chakan	Amploe Khao Chakan	Changwat Sa Kao
Drainage Area	2,264 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	1998-2011		
Number of observation	178		
R-Square	0.8515		
Remarks	Continued Sediment Station		

$$QS = 5.2210 QW^{1.29500}$$

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	89.80	211.00	365.60	230.00	230.00	1528.80	1721.30	378.10	137.50	89.80	116.50	83.40		
2	96.40	174.10	403.40	220.50	429.00	3739.30	1573.40	328.60	116.50	103.00	116.50	83.40		
3	96.40	144.60	259.30	220.50	823.50	4161.60	1204.60	316.50	89.80	103.00	116.50	83.40		
4	89.80	137.50	328.60	192.30	521.60	3451.70	2190.40	304.50	89.80	109.70	109.70	83.40		
5	89.80	230.00	269.20	192.30	292.60	3445.80	2683.70	304.50	123.40	103.00	109.70	83.40		
6	71.00	292.60	239.70	230.00	259.30	1573.40	2921.50	249.40	130.40	89.80	109.70	83.40		
7	83.40	316.50	192.30	192.30	239.70	1551.10	3469.60	280.80	130.40	83.40	109.70	83.40		
8	103.00	239.70	159.20	192.30	416.20	1162.70	3496.30	280.80	130.40	89.80	103.00	83.40		
9	96.40	230.00	183.20	151.90	521.60	2137.00	2819.00	280.80	130.40	83.40	103.00	83.40		
10	96.40	280.80	151.90	151.90	1144.20	3863.70	8360.70	304.50	130.40	83.40	103.00	83.40		
11	96.40	211.00	151.90	151.90	2110.50	6892.80	17736.40	269.20	123.40	89.80	103.00	83.40		
12	77.10	183.20	166.60	137.50	3454.70	15792.50	14122.20	211.00	123.40	89.80	83.40	83.40		
13	64.90	166.60	183.20	137.50	4112.20	23667.50	9249.60	159.20	123.40	83.40	83.40	83.40		
14	390.70	230.00	159.20	130.40	1900.70	24429.60	3576.90	144.60	123.40	83.40	83.40	83.40		
15	89.80	292.60	192.30	269.20	2683.70	13828.30	2717.40	144.60	123.40	83.40	83.40	83.40		
16	83.40	328.60	230.00	292.60	3827.20	4261.00	4099.80	144.60	130.40	77.10	83.40	83.40		
17	89.80	353.20	192.30	292.60	6006.60	3772.60	4099.80	151.90	123.40	96.40	83.40	83.40		
18	83.40	1573.40	151.90	269.20	3703.10	3535.10	4248.60	174.10	116.50	109.70	83.40	83.40		
19	96.40	3654.90	166.60	259.30	2004.90	3351.20	2110.50	159.20	123.40	109.70	83.40	192.30		
20	109.70	1034.70	239.70	292.60	1332.20	2990.20	1797.70	166.60	116.50	96.40	83.40	192.30		
21	304.50	604.00	259.30	521.60	791.50	3529.10	3992.10	183.20	116.50	96.40	83.40	151.90		
22	292.60	390.70	239.70	1645.70	660.50	3502.30	3544.00	144.60	116.50	116.50	83.40	151.90		
23	416.20	259.30	230.00	2031.20	508.10	3526.10	1332.20	159.20	109.70	109.70	83.40	151.90		
24	403.40	183.20	220.50	857.90	378.10	4486.60	927.70	151.90	109.70	103.00	83.40	116.50		
25	328.60	249.40	192.30	998.70	1462.60	9950.30	747.20	159.20	109.70	109.70	83.40	116.50		
26	304.50	328.60	174.10	689.10	3541.00	12285.30	660.50	151.90	103.00	103.00	83.40	116.50		
27	230.00	442.00	159.20	403.40	5286.30	6277.40	548.80	144.60	103.00	109.70	83.40	116.50		
28	174.10	416.20	159.20	353.20	3564.90	4411.10	494.70	144.60	109.70	103.00	83.40	116.50		
29	166.60	403.40	166.60	378.10	3709.10	5655.50	442.00	137.50	103.00	103.00	83.40	116.50		
30	239.70	316.50	201.60	455.10	3727.20	4552.80	442.00	137.50	103.00	116.50		116.50		
31		280.80		239.70	1310.70		416.20		109.70	96.40		116.50		
Total	4954.20	14159.10	6388.60	12780.50	60953.50	187312.40	107746.80	6267.70	3629.70	3024.30	2701.50	3273.50	413191.80	Ton
Mean	165.10	456.70	213.00	412.30	1966.20	6243.70	3475.70	208.90	117.10	97.60	93.20	105.60		
Max	416.20	3654.90	403.40	2031.20	6006.60	24429.60	17736.40	378.10	137.50	116.50	116.50	192.30	24429.60	
Min	64.90	137.50	151.90	130.40	230.00	1162.70	416.20	137.50	89.80	77.10	83.40	83.40	64.90	