

WATER YEAR : 2011**CHI RIVER BASIN****Chi River at Ban Kui Chuak , Maha Sarakham (E.91)**

Lat 16 - 21 - 58 N Long 102 - 56 - 59 E

Location : on left bank at Ban Kui Chuak.

	Ban Kui Chuak	Amphoe Kosum Phisai	Changwat Maha Sarakham
Drainage Area	29,265 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2005-Cont'd		
Actual Measurement	2005-Cont'd		
Using Rating Curve Water Year	2005-2011		
Number of observation	148		
R-Square	0.8302		
Remarks	Continued Sediment Station		

$$QS = 5.0895 QW^{1.04030}$$

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	333.30	306.00	753.60	668.90	1390.90	3277.20	6129.70	6833.70	661.30	555.50	573.30	292.40		
2	284.30	325.30	823.70	661.30	1485.10	3341.10	6190.40	6652.60	661.30	534.50	555.50	259.00		
3	259.00	349.50	856.60	642.10	1535.30	3431.00	6290.80	6491.80	603.80	528.20	561.80	289.30		
4	273.20	311.60	968.60	649.80	1524.70	3507.40	6592.40	6350.80	715.00	588.50	549.80	458.70		
5	259.00	273.20	1170.50	684.30	1510.20	3559.20	7286.40	6129.70	665.10	549.80	569.50	588.50		
6	302.90	266.40	1358.70	665.10	1520.10	3623.40	8348.70	5929.10	707.30	543.40	573.30	549.80		
7	437.30	235.60	1574.90	657.40	1489.70	3784.00	9038.10	5769.20	798.60	522.50	552.90	584.70		
8	422.20	146.10	1574.90	665.10	1499.60	3951.00	9478.60	5595.40	726.60	509.80	531.40	596.20		
9	464.30	189.10	1574.90	676.60	1549.80	4060.70	9478.60	5409.40	657.40	558.70	569.50	603.80		
10	494.60	189.10	1605.30	734.30	1630.50	4215.20	9415.50	5250.00	734.30	565.60	552.90	580.90		
11	467.50	243.00	1610.60	745.80	1661.00	4387.00	9227.10	5092.20	844.40	531.40	525.00	543.40		
12	434.10	434.10	1535.30	778.00	1716.70	4549.50	9227.10	4882.00	885.70	479.50	522.50	534.50		
13	452.40	396.40	1372.50	1016.00	1783.70	4614.20	9227.10	4663.20	803.10	477.00	519.30	509.80		
14	449.20	352.70	1220.90	1054.40	1800.30	4597.70	9667.20	4419.30	782.50	482.60	528.20	504.10		
15	489.00	316.50	1115.00	1097.40	1845.50	4573.60	9982.30	4157.50	765.80	525.00	546.60	513.00		
16	452.40	330.20	1019.90	1097.40	1968.10	4565.30	10386.00	3841.50	753.60	549.80	565.60	509.80		
17	449.20	316.50	990.00	1153.50	1990.80	4590.10	10478.50	3501.20	749.70	537.70	558.70	525.00		
18	449.20	314.10	943.30	1105.90	2030.20	4646.70	10663.60	3168.40	707.30	537.70	540.20	573.30		
19	428.50	330.20	939.40	1016.00	2175.90	4638.40	10663.60	2823.40	695.80	573.30	522.50	546.60		
20	374.50	319.70	914.80	947.90	2401.30	4541.20	10756.20	2502.90	645.90	684.30	534.50	534.50		
21	366.40	360.80	914.80	889.60	2593.80	4913.80	10478.50	2305.30	603.80	811.50	561.80	494.60		
22	322.10	434.10	827.60	860.50	2735.50	5081.80	10108.80	2052.20	428.50	844.40	565.60	467.50		
23	228.80	398.90	734.30	901.90	2811.20	5239.60	9793.50	1700.10	368.90	827.60	569.50	419.00		
24	223.90	494.60	626.80	906.40	2817.30	5476.00	9290.10	1381.70	434.10	798.60	565.60	431.60		
25	221.50	546.60	543.40	947.90	2805.10	5648.90	9038.10	1140.50	497.80	745.80	549.80	470.70		
26	209.90	626.80	543.40	1062.90	2799.00	5689.20	8536.40	1041.40	569.50	695.80	516.20	467.50		
27	186.70	672.80	630.60	1153.50	2841.60	5728.80	8097.70	981.60	565.60	668.90	540.20	419.00		
28	219.60	703.50	684.30	1308.10	2969.60	5795.60	7847.80	844.40	569.50	665.10	584.70	407.70		
29	256.50	695.80	688.10	1381.70	3067.20	5876.30	7598.20	803.10	565.60	645.90	434.10	363.30		
30	284.30	672.80	661.30	1404.70	3143.30	5969.50	7286.40	761.90	546.60	580.90		341.40		
31		676.60		1381.70	3200.30		6914.90		540.20	537.70		289.30		
Total	10495.80	12228.60	30778.00	28916.10	66293.30	137873.40	273518.30	112475.50	20254.60	18657.00	15840.50	14668.90	742000.10	Ton
Mean	349.90	394.50	1025.90	932.80	2138.50	4595.80	8823.20	3749.20	653.40	601.80	546.20	473.20		
Max	494.60	703.50	1610.60	1404.70	3200.30	5969.50	10756.20	6833.70	885.70	844.40	584.70	603.80	10756.20	
Min	186.70	146.10	543.40	642.10	1390.90	3277.20	6129.70	761.90	368.90	477.00	434.10	259.00	146.10	