

WATER YEAR : 2011**CHI RIVER BASIN****Chi River at Ban Khai , Chaiyaphum (E.23)**

Lat 15 - 40 - 49 N Long 102 - 00 - 46 E

Location : on left bank at the bridge on highway.

	Ban Khai	Amphoe Mueang	Changwat Chaiyaphum
Drainage Area	6,282 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	236		
R-Square	0.8515		
Remarks	Continued Sediment Station		

$$QS = 5.2076 QW^{1.17090}$$

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	9.00	20.30	409.70	75.40	496.20	2455.60	4728.60	912.00	103.10	39.10	38.30	4.60		
2	7.10	42.40	446.80	84.50	477.30	2539.70	5126.40	788.90	97.40	39.10	36.70	2.90		
3	5.20	97.40	424.70	97.40	839.90	2539.70	6872.40	651.20	88.10	37.50	33.50	2.30		
4	4.00	59.40	698.30	86.30	1133.30	2455.60	6872.40	499.80	84.50	36.70	29.50	1.30		
5	2.90	27.20	953.60	82.60	1245.10	2360.00	7601.70	428.20	80.80	35.10	26.40	1.30		
6	1.80	31.10	979.80	57.70	1328.30	2241.40	7601.70	376.40	75.40	34.30	25.60	2.90		
7	1.30	28.70	698.30	44.90	1477.30	2158.80	7601.70	307.90	70.00	35.10	23.30	12.40		
8	13.80	37.50	409.70	42.40	1410.80	2123.60	7601.70	282.70	71.80	34.30	18.80	11.70		
9	19.60	47.50	228.90	36.70	1251.90	2170.60	7235.70	270.70	68.20	32.70	18.10	11.00		
10	20.30	40.80	139.70	33.50	1164.10	2229.50	5663.90	277.20	66.50	31.10	17.40	9.70		
11	21.10	36.70	108.70	29.50	1138.70	2324.30	4597.00	279.40	64.70	30.30	17.40	9.70		
12	21.10	35.10	95.60	24.90	1150.70	2455.60	4050.60	258.80	62.90	30.30	17.40	9.70		
13	21.10	35.10	91.80	28.00	1106.60	2563.70	3755.80	164.70	57.70	30.30	17.40	11.00		
14	20.30	33.50	86.30	36.70	1016.50	2782.10	3458.00	156.60	56.00	30.30	17.40	15.90		
15	20.30	35.10	84.50	43.30	886.10	3148.40	3235.50	164.70	55.10	30.30	16.70	16.70		
16	20.30	40.80	77.20	50.00	788.90	3486.30	3040.00	214.10	54.30	29.50	16.70	21.10		
17	18.80	71.80	71.80	84.50	839.90	3999.10	2932.10	182.00	52.50	27.20	16.70	24.10		
18	18.80	91.80	66.50	116.40	870.70	5799.50	2873.80	170.70	51.70	24.90	15.90	20.30		
19	17.40	59.40	61.20	133.80	1006.00	16165.10	2837.00	159.60	50.00	24.90	15.90	15.20		
20	16.70	50.00	57.70	133.80	1144.00	16165.10	2800.40	147.60	44.90	27.20	15.90	11.70		
21	15.90	48.30	55.10	170.70	1328.30	15473.30	2727.20	133.80	43.30	27.20	15.90	12.40		
22	15.20	64.70	53.40	217.20	1654.00	13425.40	2636.20	122.20	41.60	33.50	15.90	14.50		
23	13.80	66.50	50.00	234.20	1867.90	10114.20	2503.60	122.20	41.60	44.90	15.20	13.80		
24	13.10	46.60	44.90	431.70	2053.40	7970.40	2360.00	118.30	40.80	64.70	14.50	13.80		
25	11.70	40.00	40.80	587.50	2229.50	6511.80	2229.50	116.40	40.00	59.40	13.80	12.40		
26	11.00	38.30	37.50	487.90	2383.90	5663.90	2065.10	112.50	40.00	52.50	8.40	11.70		
27	9.00	37.50	32.70	529.60	2491.60	5394.20	1902.50	114.50	40.00	53.40	5.80	11.00		
28	7.10	39.10	34.30	799.00	2491.60	5260.00	1747.60	114.50	38.30	47.50	4.00	10.40		
29	5.20	45.80	49.10	819.40	2419.70	4728.60	1577.90	112.50	37.50	44.10	5.20	9.00		
30	5.80	101.20	80.80	708.30	2371.90	4597.00	1238.30	106.80	38.30	40.80		7.70		
31		301.30		580.20	2383.90		1042.90		38.30	40.00		6.40		
Total	388.70	1750.90	6669.40	6888.00	44448.00	161302.50	122517.20	7866.90	1795.30	1148.20	533.70	338.60	355647.40	Ton
Mean	13.00	56.50	222.30	222.20	1433.80	5376.80	3952.20	262.20	57.90	37.00	18.40	10.90		
Max	21.10	301.30	979.80	819.40	2491.60	16165.10	7601.70	912.00	103.10	64.70	38.30	24.10	16165.10	
Min	1.30	20.30	32.70	24.90	477.30	2123.60	1042.90	106.80	37.50	24.90	4.00	1.30	1.30	