

**WATER YEAR : 2011****CHI RIVER BASIN****Chi River at Ban Muang Lat , Roi Et (E.66A)**

Lat 16 - 12 - 08 N Long 103 - 31 - 41 E

Location : on right bank at the bridge.

	<b>Ban</b> Muang Lat	<b>Amphoe</b> Chang Han	<b>Changwat</b> Roi Et
<b>Drainage Area</b>	31,879 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	2004-Cont'd		
<b>Actual Measurement</b>	2004-Cont'd		
<b>Using Rating Curve Water Year</b>	2004-2011		
<b>Number of observation</b>	164		
<b>R-Square</b>	0.8059		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 9.5552 QW^{0.96890}$$

**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	418.10	428.80	580.40	888.90	1949.50	3770.00	7708.00	9856.00	2114.00	684.00	562.50	580.40		
2	421.40	421.40	637.10	943.30	1954.90	3821.20	7815.50	9393.20	1832.30	754.10	584.50	377.90		
3	414.00	452.50	1040.60	993.60	1986.90	3898.30	7923.00	9167.60	1487.10	679.10	624.20	261.20		
4	334.20	465.60	1186.80	1023.90	2018.10	3968.50	8030.40	8855.50	1309.60	606.30	650.10	374.60		
5	312.70	492.50	1265.30	951.30	2071.10	4037.10	8143.70	8614.50	1236.00	633.10	654.90	571.50		
6	330.90	457.40	1378.30	951.30	2103.10	4113.40	8260.00	8376.20	1014.30	624.20	633.10	688.80		
7	382.00	370.50	1694.50	951.30	2092.90	4189.50	8534.10	8143.70	908.10	602.30	602.30	758.90		
8	487.60	316.00	1944.00	968.10	2087.50	4273.30	8855.50	7887.10	972.80	571.50	553.60	743.60		
9	558.50	239.50	2082.00	989.60	2087.50	4341.80	9256.70	7672.10	1085.20	562.50	523.50	709.00		
10	553.60	204.40	2066.40	972.00	2108.50	4507.50	9669.20	7456.90	984.80	593.40	562.50	713.80		
11	567.40	268.70	2044.60	959.30	2193.30	4671.50	10045.60	7246.00	913.70	606.30	575.50	734.00		
12	549.50	301.90	2029.00	1109.80	2335.50	4815.60	10479.20	7004.90	949.70	589.30	536.50	624.20		
13	518.60	414.00	2023.60	1300.10	2436.30	4943.00	10921.10	6763.50	1038.20	575.50	536.50	558.50		
14	518.60	668.60	1896.40	1517.80	2440.90	5077.80	11268.10	6583.50	1031.80	518.60	501.50	575.50		
15	536.50	602.30	1801.00	1583.00	2457.20	5260.80	11418.50	6430.30	972.80	509.70	527.60	562.50		
16	531.60	465.60	1568.10	1668.60	2501.30	5475.40	11518.80	6274.00	932.10	580.40	558.50	558.50		
17	505.60	428.80	1416.90	1658.40	2489.70	5627.90	11719.30	6144.60	892.90	637.10	575.50	597.40		
18	461.50	424.70	1289.80	1648.20	2695.50	5718.40	11922.60	5935.40	848.90	628.20	567.40	633.10		
19	424.70	461.50	1338.80	1578.30	2775.70	5813.30	12330.40	5700.30	758.90	743.60	558.50	693.70		
20	388.60	457.40	1338.80	1472.10	2912.20	5915.00	12587.80	5458.80	674.30	1020.70	501.50	688.80		
21	367.20	448.40	1240.70	1309.60	3072.40	6123.60	11871.80	5179.10	718.70	1258.10	479.50	606.30		
22	305.20	439.40	1165.40	1294.50	3230.70	6361.20	11518.80	4868.70	674.30	1621.50	540.60	606.30		
23	294.40	518.60	1118.60	1231.20	3476.10	6660.00	11569.00	4544.00	593.40	1745.40	571.50	611.20		
24	279.50	553.60	1023.90	1201.90	3439.40	7142.70	11669.20	4189.50	483.60	1375.10	584.50	549.50		
25	215.30	514.50	938.50	1289.80	3482.30	7314.80	11619.10	3802.10	597.40	1202.70	584.50	536.50		
26	161.40	523.50	847.30	1378.30	3500.70	7456.90	11418.50	3384.20	356.50	1061.30	540.60	589.30		
27	188.40	558.50	776.60	1507.50	3519.00	7492.80	11168.50	2804.30	509.70	1144.00	558.50	589.30		
28	257.90	743.60	834.40	1648.20	3543.60	7528.70	10921.10	2661.50	650.10	937.70	674.30	432.00		
29	276.20	774.20	938.50	1774.40	3592.50	7564.50	10625.60	2446.30	619.30	799.10	688.80	382.00		
30	291.10	688.80	913.70	1837.80	3660.60	7636.30	10430.40	2208.90	602.30	658.90		392.70		
31		619.30		1960.40	3718.00		10187.70		615.30	518.60		403.30		
Total	11852.20	14724.50	40420.00	40562.50	83932.90	165520.80	321407.20	185052.70	28378.10	25042.30	16613.00	17704.30	951210.60	<b>Ton</b>
Mean	395.10	475.00	1347.30	1308.50	2707.50	5517.40	10368.00	6168.40	915.40	807.80	572.90	571.10		
Max	567.40	774.20	2082.00	1960.40	3718.00	7636.30	12587.80	9856.00	2114.00	1745.40	688.80	758.90	12587.80	
Min	161.40	204.40	580.40	888.90	1949.50	3770.00	7708.00	2208.90	356.50	509.70	479.50	261.20	161.40	