

WATER YEAR : 2011**Yom RIVER BASIN****Yom River at Ban Kong , Sukhothai (Y.15)**

Lat 16 - 55 - 47 N Long 99 - 57 - 41 E

Location : on left bank at Ban Kong.

	Ban Kong	Amphoe Kong Krailat	Changwat Sukhothai
Drainage Area	19,936 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2009-Cont'd		
Actual Measurement	2009-Cont'd		
Using Rating Curve Water Year	2009-2011		
Number of observation	53		
R-Square	0.9100		
Remarks	Continued Sediment Station		

$$QS = 5.7448 QW^{1.06390}$$

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	451.70	339.80	1322.00	1251.00	1577.60	3937.20	3469.40	1396.70	78.70	0.00	10.10	216.50		
2	406.60	437.50	1317.00	1426.50	1539.10	3783.60	3553.00	1352.60	78.70	0.00	10.70	210.40		
3	379.00	502.70	1332.20	1629.10	1577.60	3668.20	3553.00	1306.80	70.10	0.00	13.90	201.30		
4	390.00	583.90	1347.50	1797.70	1812.40	3553.00	3581.70	1251.00	52.50	0.00	56.00	174.20		
5	401.90	668.90	1352.60	1858.20	2017.70	3417.30	3725.80	1212.20	43.50	0.50	306.40	177.20		
6	383.70	702.30	1347.50	1951.80	2192.00	3365.30	3968.00	1174.30	36.60	0.50	304.00	184.70		
7	372.70	724.40	1332.20	1983.00	2412.70	3235.50	4533.30	1136.50	30.50	0.50	261.60	195.20		
8	357.80	763.70	1322.00	2017.70	2655.90	3157.80	4813.00	1094.50	39.30	2.70	240.90	213.40		
9	347.70	791.60	1327.10	1920.50	2904.90	3157.80	4796.50	1045.20	44.80	5.70	237.00	260.00		
10	339.80	800.60	1337.30	1842.70	3054.30	3157.80	4823.90	1007.60	33.90	8.20	214.90	273.10		
11	321.90	826.10	1357.70	1724.50	3209.60	3235.50	4533.30	966.80	12.00	10.70	210.40	234.70		
12	314.10	872.30	1384.80	1639.40	3391.30	3391.30	4029.50	912.90	16.50	12.00	207.40	216.50		
13	351.60	923.60	1402.70	1577.60	3553.00	3581.70	3783.60	863.20	19.10	11.40	216.50	213.40		
14	447.00	978.50	1414.60	1546.80	3754.70	3725.80	3639.30	840.10	13.90	12.60	213.40	225.60		
15	466.00	1083.60	1408.60	1523.70	3968.00	3814.30	3469.40	826.10	8.80	13.90	211.90	228.60		
16	375.10	1153.30	1378.90	1508.40	4311.90	3937.20	3524.20	797.30	5.10	15.90	210.40	222.50		
17	329.70	1191.10	1357.70	1516.00	4459.40	4091.20	3365.30	748.10	1.60	15.90	195.20	192.20		
18	323.50	1199.50	1327.10	1523.70	4607.20	4385.60	3183.70	696.60	0.50	15.90	168.20	169.70		
19	510.70	1240.90	1296.60	1562.20	4681.20	4681.20	3028.50	638.10	0.00	15.20	156.20	157.70		
20	711.30	1266.20	1271.30	1709.80	4607.20	4755.30	2856.90	591.90	0.00	14.60	141.40	148.80		
21	144.30	1296.60	1251.00	1936.10	4533.30	4823.90	2696.60	515.50	0.00	12.60	128.80	136.90		
22	65.80	1337.30	1230.70	2104.80	4385.60	4533.30	2534.20	430.30	0.00	10.70	118.50	125.90		
23	57.40	1352.60	1212.20	2139.60	4311.90	4091.20	2352.20	375.10	0.00	8.80	108.30	118.50		
24	73.70	1384.80	1178.50	2104.80	4311.90	4029.50	2209.50	323.50	0.00	7.60	122.20	108.30		
25	93.00	1396.70	1140.70	2052.50	4311.90	3937.20	2069.90	289.30	0.00	7.00	134.70	102.50		
26	69.40	1390.80	1115.50	1967.40	4311.90	3783.60	1889.40	231.70	0.00	7.00	148.80	97.40		
27	74.40	1414.60	1087.00	1889.40	4311.90	3697.00	1768.40	167.40	0.00	7.60	174.20	89.40		
28	154.70	1384.80	1076.10	1827.10	4164.70	3814.30	1649.70	124.40	0.00	7.60	208.90	83.00		
29	234.70	1357.70	1098.70	1753.80	4311.90	3697.00	1546.80	108.30	0.00	8.20	216.50	75.10		
30	263.90	1332.20	1153.30	1709.80	4164.70	3581.70	1480.20	90.10	0.00	8.80		67.30		
31		1322.00		1639.40	4029.50		1432.50		0.00	8.80		60.20		
Total	9213.10	32020.60	38481.10	54635.00	109436.90	114021.30	97860.70	22514.10	586.10	250.90	4947.40	5180.20	489147.40	Ton
Mean	307.10	1032.90	1282.70	1762.40	3530.20	3800.70	3156.80	750.50	18.90	8.10	170.60	167.10		
Max	711.30	1414.60	1414.60	2139.60	4681.20	4823.90	4823.90	1396.70	78.70	15.90	306.40	273.10	4823.90	
Min	57.40	339.80	1076.10	1251.00	1539.10	3157.80	1432.50	90.10	0.00	0.00	10.10	60.20	0.00	