

WATER YEAR : 2011**Yom RIVER BASIN****Yom River at Ban Don Rabiang , Sukhothai (Y.14)**

Lat 17 - 35 - 42 N Long 99 - 43 - 06 E

Location : on left bank about 50 meters from Si Satchanalai - Den Chai Highway No.101 at guidepost 44 th.

	Ban	Don Rabiang	Amphoe	Si Satchanalai	Changwat	Sukhothai
Drainage Area	12,100	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1964-Cont'd					
Actual Measurement	1964-Cont'd					
Using Rating Curve Water Year	2011					
Number of observation	18					
R-Square	0.9782					
Remarks	Continued Sediment Station					

$$QS = 0.1743 QW^{1.81820}$$

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	3.0	896.0	7685.0	94047.0	46762.0	12484.0	19624.0	1664.0	289.0	51.0	29.0	17.0		
2	3.0	3891.0	7619.0	21823.0	161631.0	13191.0	18417.0	1564.0	280.0	47.0	27.0	16.0		
3	3.0	4021.0	4469.0	8849.0	214249.0	16787.0	51725.0	1515.0	265.0	42.0	27.0	9.0		
4	3.0	2574.0	2219.0	7065.0	220353.0	15609.0	99433.0	1348.0	265.0	44.0	30.0	9.0		
5	3.0	2848.0	1794.0	7553.0	213744.0	12571.0	66513.0	1240.0	249.0	54.0	33.0	9.0		
6	3.0	4469.0	2744.0	6134.0	177392.0	17087.0	35396.0	1139.0	235.0	51.0	30.0	8.0		
7	3.0	5209.0	7553.0	4378.0	33045.0	23517.0	19737.0	967.0	213.0	49.0	32.0	8.0		
8	3.0	3472.0	8849.0	2918.0	17188.0	25621.0	13101.0	930.0	206.0	47.0	35.0	7.0		
9	3.0	3318.0	13824.0	1741.0	20307.0	29605.0	10236.0	948.0	199.0	42.0	30.0	7.0		
10	2.0	8638.0	7553.0	1982.0	23022.0	43578.0	9062.0	880.0	180.0	42.0	27.0	6.0		
11	2.0	15225.0	3393.0	3318.0	26431.0	30971.0	8155.0	880.0	167.0	42.0	27.0	7.0		
12	3.0	11540.0	2127.0	3472.0	71484.0	25353.0	7553.0	770.0	154.0	47.0	25.0	12.0		
13	9.0	29156.0	1690.0	2709.0	95302.0	24955.0	7125.0	848.0	143.0	54.0	24.0	13.0		
14	23.0	15803.0	1371.0	1061.0	112637.0	52574.0	11794.0	755.0	143.0	49.0	24.0	12.0		
15	16.0	5368.0	912.0	1139.0	123009.0	50672.0	7368.0	740.0	137.0	49.0	24.0	9.0		
16	4.0	3513.0	785.0	1219.0	59100.0	44959.0	7685.0	725.0	137.0	49.0	23.0	27.0		
17	7.0	3763.0	469.0	17188.0	24296.0	33876.0	7752.0	652.0	127.0	44.0	21.0	56.0		
18	8.0	4561.0	531.0	39955.0	22780.0	24427.0	8568.0	624.0	113.0	44.0	14.0	56.0		
19	8.0	8361.0	880.0	27681.0	27973.0	18625.0	9277.0	638.0	99.0	44.0	13.0	49.0		
20	9.0	12484.0	864.0	13642.0	39775.0	14284.0	6592.0	610.0	87.0	44.0	12.0	38.0		
21	33.0	12571.0	832.0	9133.0	34379.0	14192.0	5157.0	518.0	78.0	42.0	11.0	35.0		
22	67.0	11039.0	544.0	7005.0	52574.0	20193.0	3891.0	480.0	75.0	42.0	8.0	44.0		
23	27.0	7553.0	335.0	6304.0	61464.0	20193.0	3637.0	480.0	67.0	38.0	7.0	35.0		
24	51.0	3170.0	280.0	5745.0	42411.0	16687.0	3355.0	458.0	60.0	33.0	6.0	24.0		
25	67.0	1928.0	186.0	7005.0	20537.0	15130.0	2813.0	458.0	60.0	32.0	5.0	21.0		
26	335.0	1302.0	199.0	6078.0	19965.0	12137.0	2508.0	436.0	56.0	30.0	5.0	20.0		
27	597.0	666.0	2038.0	8292.0	21823.0	13551.0	2127.0	405.0	54.0	29.0	5.0	16.0		
28	681.0	2443.0	47167.0	6078.0	30665.0	10957.0	1982.0	374.0	51.0	29.0	12.0	14.0		
29	864.0	2883.0	71750.0	3721.0	29755.0	15321.0	1794.0	374.0	51.0	27.0	17.0	10.0		
30	1004.0	4607.0	90942.0	1690.0	29605.0	22659.0	1614.0	335.0	51.0	25.0		9.0		
31		4109.0		3472.0	16588.0		1873.0		51.0	25.0		9.0		
Total	3844.0	201381.0	291604.0	332397.0	2090246.0	691766.0	455864.0	23755.0	4342.0	1287.0	583.0	612.0	4097681.0	Ton
Mean	128.0	6496.0	9720.0	10722.0	67427.0	23059.0	14705.0	792.0	140.0	42.0	20.0	20.0		
Max	1004.0	29156.0	90942.0	94047.0	220353.0	52574.0	99433.0	1664.0	289.0	54.0	35.0	56.0	220353.0	
Min	2.0	666.0	186.0	1061.0	16588.0	10957.0	1614.0	335.0	51.0	25.0	5.0	6.0	2.0	