

WATER YEAR : 2011**Yom RIVER BASIN****Yom River at Ban Kaeng Luang , Sukhothai (Y.6)**

Lat 17 - 26 - 05 N Long 99 - 47 - 30 E

Location : on left bank about 150 meters upstream from Kaeng Luang.

	Ban Kaeng Luang	Amphoe Si Satchanalai	Changwat Sukhothai
Drainage Area	12,769 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1963 - 1987,1997-Cont'd		
Actual Measurement	1963 - 1987,1997-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	17		
R-Square	0.9762		
Remarks	Continued Sediment Station		

$$QS = 0.3943 QW^{1.66600}$$

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	0.40	592.50	3214.60	65268.70	13870.00	6518.10	10818.80	1572.80	225.60	19.20	1.70	0.00	
2	0.60	1649.40	3421.60	19890.60	108631.70	6318.40	7939.90	1029.00	187.90	16.20	1.00	0.00	
3	1.50	1915.20	2110.60	5880.40	161993.20	7703.10	25503.40	1062.70	191.70	14.80	0.40	0.00	
4	3.00	962.70	882.50	4254.50	166291.30	8099.30	73830.00	914.20	187.90	18.30	0.30	0.00	
5	5.40	1114.20	625.90	4876.80	166909.00	5880.40	51521.20	737.10	225.60	35.90	0.30	0.00	
6	8.70	1887.90	995.60	3022.20	154730.10	8099.30	22853.40	559.80	211.60	47.30	0.30	0.00	
7	9.40	2411.40	3022.20	2054.00	31444.40	11571.20	11571.20	444.30	191.70	50.50	0.30	0.00	
8	8.90	1434.40	3463.60	1998.00	10729.10	13766.60	7062.80	399.50	168.90	61.40	0.30	0.00	
9	8.70	1012.20	7132.10	3895.00	10999.10	15139.10	5280.90	1257.80	143.80	50.50	0.30	0.00	
10	8.70	2411.40	4028.30	1479.90	11959.00	24683.10	4346.30	946.50	158.00	43.80	0.30	0.00	
11	9.40	7271.60	1434.40	1301.10	12950.60	18694.50	3850.90	625.90	172.70	43.80	0.30	0.00	
12	7.60	4485.60	882.50	1344.90	40115.80	13973.70	3296.80	946.50	172.70	28.70	0.30	0.00	
13	14.20	13870.00	637.20	1279.40	64628.90	13254.30	3059.80	1457.10	180.20	34.30	0.30	0.00	
14	429.20	12154.80	485.40	1833.80	83178.50	27856.50	6925.00	603.50	180.20	30.10	0.30	0.00	
15	603.50	2515.10	429.20	1434.40	96285.80	31636.10	3590.90	406.80	191.70	19.20	0.30	0.00	
16	791.20	2026.00	697.40	1807.00	54261.60	28717.00	3807.10	444.30	21.70	3.50	0.20	0.00	
17	660.00	2515.10	550.30	5697.90	14496.80	20295.90	3633.70	414.20	61.40	0.60	0.00	0.30	
18	476.40	1998.00	316.60	21116.20	12154.80	13870.00	3983.70	399.50	495.60	0.40	0.00	1.00	
19	385.00	3548.30	277.60	21397.60	16157.60	10285.10	4596.00	392.20	614.70	0.80	0.00	6.10	
20	251.10	5164.10	322.30	8099.30	24520.40	7341.70	3214.60	356.60	271.30	2.50	0.00	17.70	
21	211.60	5398.80	310.90	4300.30	19355.30	6652.60	2275.70	370.70	61.40	6.70	0.00	26.10	
22	261.60	5164.10	240.70	3059.80	29238.20	9419.80	1753.80	230.60	50.50	15.30	0.00	50.50	
23	158.00	3463.60	199.60	2727.90	39033.30	11764.40	1389.40	256.30	58.00	30.10	0.00	58.00	
24	136.90	1344.90	154.40	2242.30	29064.10	8421.90	1152.30	235.60	61.40	54.20	0.00	43.80	
25	130.20	750.40	123.60	3097.60	12351.80	7553.60	1301.10	161.60	50.50	27.20	0.00	24.80	
26	187.90	494.50	98.60	2656.20	9590.40	5941.80	930.30	215.70	40.80	15.30	0.20	14.20	
27	272.20	299.70	444.30	3338.20	16851.30	6518.10	930.30	288.60	31.60	17.70	0.20	7.60	
28	266.90	697.40	21397.60	2836.80	16503.00	5880.40	820.30	245.90	21.70	19.20	0.20	5.60	
29	392.20	995.60	46477.80	1479.90	16272.40	7341.70	710.60	230.60	18.30	23.40	0.00	3.80	
30	866.70	2480.30	58861.80	1062.70	19355.30	11571.20	603.50	251.10	17.70	23.40		2.50	
31		1194.00		1257.80	9762.30		684.40		17.70	5.40		1.50	
Total	6567.10	93223.20	163239.20	205991.20	1473684.90	374768.90	273238.20	17457.00	4684.50	759.70	7.50	263.50	2613885.00 Ton
Mean	218.90	3007.20	5441.30	6644.90	47538.20	12492.30	8814.10	581.90	151.10	24.50	0.30	8.50	
Max	866.70	13870.00	58861.80	65268.70	166909.00	31636.10	73830.00	1572.80	614.70	61.40	1.70	58.00	166909.00
Min	0.40	299.70	98.60	1062.70	9590.40	5880.40	603.50	161.60	17.70	0.40	0.00	0.00	0.00