

WATER YEAR : 2011**Yom RIVER BASIN****Yom River at Ban Wang Chin , Phrae (Y.37)**

Lat 17 - 53 - 48 N Long 99 - 36 - 28 E

Location : on left bank at the bridge on road.

	Ban	Wang Chin	Amphoe	Wang Chin	Changwat	Phrae
Drainage Area	10,305	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	2007-Cont'd					
Actual Measurement	2007-Cont'd					
Using Rating Curve Water Year	2011					
Number of observation	36					
R-Square	0.9452					
Remarks	Continued Sediment Station					

$$QS = 0.8170 QW^{1.57760}$$

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	20.90	2184.00	6227.30	38729.60	58644.00	8197.80	11491.60	1167.90	277.40	22.20	15.30	6.70		
2	19.20	3798.90	4982.00	9775.90	128347.80	9596.00	15897.30	1167.90	259.10	22.20	16.40	6.70		
3	17.60	2369.90	2209.60	5834.10	144827.40	12319.20	43506.20	1041.60	219.90	47.90	19.20	6.20		
4	16.40	2536.70	1492.20	5177.60	143956.60	9540.30	46125.60	1006.50	207.10	34.40	22.60	5.90		
5	15.30	3697.30	1340.00	5139.60	118394.00	9044.20	28975.00	939.30	170.20	27.10	24.30	5.40		
6	13.10	4520.10	2566.10	4074.90	41991.70	12389.10	17811.20	878.80	188.80	25.70	24.30	5.40		
7	11.00	3090.50	5215.80	2593.20	17388.40	18066.70	10445.80	819.70	200.30	22.20	24.30	5.40		
8	11.00	2425.00	10322.80	1790.40	14534.50	17726.40	7648.20	776.50	194.50	22.20	22.60	4.90		
9	10.00	2970.30	8881.00	1470.10	18066.70	24300.10	6271.50	734.10	175.70	6.20	20.90	5.90		
10	13.10	7695.90	3697.30	1790.40	17136.50	27514.10	5920.60	720.10	170.20	9.10	20.90	6.20		
11	33.90	8718.90	2108.10	1814.20	28975.00	21197.40	5298.90	678.90	158.50	28.00	20.90	6.20		
12	45.60	17472.70	1492.20	1959.10	52767.00	16719.60	4863.40	762.20	158.50	31.90	20.90	6.20		
13	39.00	22266.80	1167.90	3798.90	70443.30	15978.80	6183.10	678.90	147.20	31.90	17.60	6.20		
14	28.00	6822.10	924.00	3061.60	82314.50	30002.50	5920.60	628.20	147.20	31.90	15.30	7.30		
15	19.20	3030.20	720.10	3090.50	60470.60	29088.50	4556.40	590.50	136.10	31.90	13.10	29.90		
16	14.20	2941.80	590.50	6183.10	22565.70	26299.60	4709.00	566.30	136.10	31.90	12.00	56.10		
17	9.10	2650.20	485.20	25343.80	16719.60	20069.10	5379.30	577.60	130.30	31.90	11.00	63.60		
18	7.30	4480.80	519.00	29544.20	17136.50	15170.20	6494.60	566.30	114.90	31.90	11.00	49.00		
19	63.60	6539.50	577.60	16060.50	23069.00	11491.60	5580.50	530.00	104.90	31.90	11.00	15.30		
20	130.30	8665.10	566.30	8989.70	22266.80	9098.80	4147.90	485.20	85.70	31.90	9.10	22.60		
21	213.00	9655.80	508.10	6449.70	28184.90	10631.40	3244.40	440.50	55.50	29.90	10.00	31.90		
22	119.70	8504.50	429.00	5662.40	41092.50	14930.70	2680.10	440.50	51.90	26.20	10.00	35.90		
23	158.50	3563.30	365.70	4900.70	40794.30	12811.70	2289.20	429.00	51.90	24.30	8.20	31.90		
24	163.90	1959.10	297.20	5177.60	24199.40	11085.70	2008.30	407.50	44.50	20.90	8.20	5.90		
25	417.50	1382.80	259.10	4745.90	14771.70	9896.50	1743.20	386.40	40.60	19.20	6.70	16.40		
26	706.30	1024.00	734.10	5619.70	14534.50	7995.70	1536.80	365.70	37.50	19.20	6.20	12.00		
27	849.10	1604.50	19539.40	6449.70	17472.70	7159.10	1361.30	354.90	30.90	19.20	6.20	7.30		
28	908.80	2566.10	47857.40	3798.90	21969.30	8935.30	1280.40	336.00	27.10	17.60	6.20	5.40		
29	1024.00	2913.40	61946.60	2650.20	22066.50	13311.20	1205.00	315.30	27.10	17.60	6.20	2.40		
30	893.80	2369.90	70236.80	2620.40	16142.40	18152.10	1149.60	306.20	25.70	15.30		2.10		
31		5964.10		3431.20	9836.10		1167.90		23.90	17.60		9.10		
Total	5992.40	160384.20	258258.40	227727.90	1351079.90	458719.30	266892.90	19098.50	3799.20	781.30	420.60	481.40	2753636.00	Ton
Mean	199.70	5173.70	8608.60	7346.10	43583.20	15290.60	8609.40	636.60	122.60	25.20	14.50	15.50		
Max	1024.00	22266.80	70236.80	38729.60	144827.40	30002.50	46125.60	1167.90	277.40	47.90	24.30	63.60	144827.40	
Min	7.30	1024.00	259.10	1470.10	9836.10	7159.10	1149.60	306.20	23.90	6.20	6.20	2.10	2.10	