

WATER YEAR : 2011**Yom RIVER BASIN****Yom River at Ban Nam Khong , Phrae (Y.1C)**

Lat 18 - 07 - 57 N Long 100 - 07 - 42 E

Location : on right bank about 5 meters downstream from Phathana Phak Nua 8 Bridge.

	Ban Nam Khong	Amphoe Mueang	Changwat Phrae
Drainage Area	7,749 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	35		
R-Square	0.9085		
Remarks	Continued Sediment Station		

$$QS = 0.5083 QW^{1.71450}$$

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	7.50	283.70	4285.50	11764.70	109161.80	7082.10	7673.00	688.70	189.40	30.30	35.00	4.60	
2	11.00	1074.00	1657.70	5701.00	162860.20	10986.10	25430.30	566.90	189.40	27.20	35.00	3.70	
3	7.50	1348.60	1094.20	3986.50	156349.10	10502.30	45050.70	552.40	189.40	18.90	38.10	3.70	
4	6.40	3221.00	598.10	3819.70	82027.30	6288.30	31079.50	523.80	189.40	16.50	38.10	3.70	
5	5.50	3495.10	833.50	3655.90	29947.60	6178.20	19981.20	482.10	173.20	18.90	38.10	6.40	
6	5.50	2312.50	1218.60	2028.60	14966.80	15684.90	10094.90	468.60	157.70	18.90	38.10	6.40	
7	8.60	2460.10	10570.90	1304.70	10502.30	20081.60	6455.10	428.80	135.50	18.90	41.30	5.50	
8	6.40	2371.10	11126.00	943.00	16509.40	19881.10	4910.20	415.90	121.60	27.20	38.10	5.50	
9	18.00	1261.40	3022.80	854.60	15957.70	21302.20	4416.40	441.90	108.20	36.80	35.00	5.50	
10	29.10	1282.90	1532.80	1053.90	12347.70	20485.10	4028.70	382.30	121.60	30.30	32.00	1.70	
11	12.30	17540.90	833.50	1304.70	30070.60	18989.20	3861.20	468.60	121.60	24.30	32.00	5.50	
12	6.40	33174.00	396.10	2957.90	94790.30	11764.70	3221.00	404.60	108.20	27.20	35.00	7.50	
13	4.60	6399.30	259.80	2168.60	127251.70	12423.90	2925.70	349.80	101.80	27.20	32.00	41.30	
14	3.70	2400.60	183.30	1304.70	59358.30	21508.50	2798.30	328.90	101.80	30.30	29.10	44.60	
15	3.00	2001.10	101.80	2028.60	23732.50	20892.00	2400.60	318.60	89.40	33.50	22.80	41.30	
16	3.00	1508.40	74.90	25201.10	14789.50	19981.20	2611.60	328.90	59.30	33.50	26.30	41.30	
17	8.60	1865.80	66.70	42283.60	12963.30	13916.20	4329.00	371.30	40.20	24.30	29.10	38.10	
18	22.80	4372.60	59.00	21508.50	20892.00	9430.90	4416.40	371.30	36.80	27.20	24.60	74.90	
19	18.00	6794.10	79.20	10639.60	20892.00	6288.30	3022.80	318.60	33.50	24.30	48.10	83.50	
20	8.60	9430.90	55.20	6288.30	41382.40	8407.80	2225.70	288.60	27.20	18.90	26.30	70.80	
21	5.50	10434.00	26.30	5054.70	41382.40	14701.20	1683.20	278.80	24.30	18.90	26.30	32.00	
22	1.60	3221.00	22.80	4329.00	53186.40	12808.20	1415.70	278.80	24.30	24.30	24.60	24.60	
23	1.40	1683.20	15.00	4199.20	32250.60	10777.70	1239.90	288.60	18.90	67.70	19.50	21.20	
24	83.50	1074.00	8.60	3696.60	18114.50	10027.70	1035.10	259.80	18.90	7.50	12.30	11.00	
25	365.90	183.30	214.70	4113.60	12963.30	7914.80	907.20	250.50	21.60	9.70	7.50	9.70	
26	527.00	1508.40	12053.20	7257.30	10777.70	5599.50	786.40	250.50	24.30	19.50	12.30	6.40	
27	635.10	2028.60	61356.10	3415.90	17731.20	8036.90	720.70	241.30	21.60	29.10	9.70	5.50	
28	183.30	1218.60	92982.20	2225.70	25315.60	9430.90	704.60	223.40	18.90	24.60	9.70	4.60	
29	163.50	919.10	108690.00	2460.10	21302.20	19284.60	611.40	223.40	14.10	32.00	4.60	2.30	
30	135.50	2611.60	46619.50	2225.70	11056.00	13512.20	611.40	223.40	16.50	32.00		2.30	
31		6123.40		19383.50	7613.00		672.90		14.10	35.00		1.70	
Total	2298.80	135603.30	360038.00	209159.50	1308445.50	394168.30	201320.80	11019.10	2512.70	814.90	800.60	616.80	2626798.30 Ton
Mean	76.60	4374.30	12001.30	6747.10	42207.90	13138.90	6494.20	367.30	81.10	26.30	27.60	19.90	
Max	635.10	33174.00	108690.00	42283.60	162860.20	21508.50	45050.70	688.70	189.40	67.70	48.10	83.50	162860.20
Min	1.40	183.30	8.60	854.60	7613.00	5599.50	611.40	223.40	14.10	7.50	4.60	1.70	1.40