

WATER YEAR : 2011**Yom RIVER BASIN****Yom River at Ban Huai Sak , Phrae (Y.20)**

Lat 18 - 35 - 06 N Long 100 - 09 - 16 E

Location : on left bank about 1 kilometer downstream from Sop Ngao.

	Ban Huai Sak	Amphoe Song	Changwat Phrae
Drainage Area	5,394 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	36		
R-Square	0.9784		
Remarks	Continued Sediment Station		

$$QS = 50.1000 QW^{0.85000}$$

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	136.40	1321.70	2295.20	4045.30	18305.90	4371.60	6818.50	1533.90	747.80	449.10	351.70	184.30		
2	136.40	1568.80	1806.90	3436.40	14241.20	4763.40	11482.40	1404.90	712.00	437.50	351.70	149.90		
3	131.80	3062.40	1498.90	3077.20	10221.20	3995.20	8322.50	1345.50	700.00	414.10	362.20	136.40		
4	127.50	2915.00	1463.80	3333.20	6503.10	3436.40	7801.30	1309.70	700.00	403.80	362.20	131.80		
5	123.10	2585.70	1643.80	2706.20	4847.20	4468.20	5190.90	1285.70	687.90	403.80	362.20	145.30		
6	118.40	2202.30	4352.30	2248.90	3995.20	7037.90	4194.90	1249.60	651.50	472.10	330.40	154.10		
7	114.00	2721.40	6115.80	1942.80	3759.90	6673.30	3641.30	1225.40	639.30	506.30	308.90	145.30		
8	123.10	1643.80	3121.00	1769.50	4294.10	6070.20	3505.00	1201.20	617.50	460.60	253.90	149.90		
9	123.10	1164.60	2016.30	1893.60	4028.60	5864.10	3298.60	1164.60	595.60	437.50	220.00	145.30		
10	136.40	3776.80	1631.20	2217.80	3573.30	6024.50	3333.20	1237.50	595.60	425.80	196.80	208.40		
11	136.40	10133.70	1381.20	3419.30	12979.60	4888.90	3194.20	1201.20	584.50	425.80	196.80	528.90		
12	171.40	3641.30	1237.50	3223.20	17488.70	4244.50	2915.00	1140.10	573.50	403.80	192.40	449.10		
13	196.80	2004.10	1103.20	2403.00	9664.60	5055.40	2585.70	1069.80	573.50	383.10	184.30	393.50		
14	362.20	2077.10	1002.40	2040.70	6624.70	5308.00	2372.40	1036.20	562.40	372.70	179.90	372.70		
15	308.90	1732.00	911.30	5702.90	5331.40	5190.90	2310.80	1013.70	562.40	383.10	179.90	551.30		
16	231.40	1918.20	876.80	11253.50	4622.00	4660.30	2418.40	1002.40	551.30	393.50	175.50	528.90		
17	192.40	2016.30	795.10	7434.60	5564.10	3995.20	2959.20	991.10	528.90	403.80	179.90	483.60		
18	184.30	4011.90	795.10	5167.50	7112.60	3470.70	3033.10	979.80	517.60	372.70	184.30	425.80		
19	162.80	4742.40	771.50	3995.20	5702.90	4045.30	2631.00	968.40	506.30	362.20	184.30	308.90		
20	154.10	5841.10	723.90	3539.20	8533.60	5587.30	2248.90	934.20	494.90	351.70	184.30	308.90		
21	154.10	3266.90	700.00	3470.70	11645.40	5955.90	2065.00	911.30	483.60	351.70	184.30	287.20		
22	140.70	2040.70	700.00	3077.20	8477.70	5237.80	1955.10	888.30	483.60	341.10	179.90	265.10		
23	136.40	1568.80	687.90	3505.00	6649.00	5167.50	1844.10	876.80	494.90	319.70	166.90	253.90		
24	149.90	1297.70	651.50	3018.40	5564.10	4602.80	1744.50	865.20	472.10	298.10	166.90	242.70		
25	506.30	1782.00	1475.50	4721.50	4909.80	4078.60	1656.50	853.60	460.60	276.20	166.90	196.80		
26	1416.70	2676.30	14620.60	3658.30	4972.30	3522.10	1593.10	830.30	460.60	276.20	166.90	188.40		
27	911.30	1942.80	19777.00	2721.40	6206.90	3995.20	1580.30	818.60	460.60	265.10	166.90	192.40		
28	853.60	1605.80	17661.30	2781.20	7564.80	5214.40	1498.90	795.10	460.60	276.20	166.90	184.30		
29	617.50	2616.00	9339.70	3208.70	4993.10	6161.40	1475.50	783.30	460.60	265.10	184.30	184.30		
30	494.90	3945.00	5564.10	2479.50	4228.00	4294.10	1498.90	771.50	449.10	287.20	179.90	179.90		
31		4128.50		4429.60	3995.20		1580.30		460.60	330.40		171.40		
Total	8752.30	87951.10	106720.80	111921.50	226600.20	147381.10	102749.50	31688.90	17249.40	11550.00	6491.50	8248.70	867305.00	Ton
Mean	291.70	2837.10	3557.40	3610.40	7309.70	4912.70	3314.50	1056.30	556.40	372.60	223.80	266.10		
Max	1416.70	10133.70	19777.00	11253.50	18305.90	7037.90	11482.40	1533.90	747.80	506.30	362.20	551.30	19777.00	
Min	114.00	1164.60	651.50	1769.50	3573.30	3436.40	1475.50	771.50	449.10	265.10	166.90	131.80	114.00	