

WATER YEAR : 2011**NAM MAE KOK RIVER BASIN****Nam Mae Lao at Ban Ton Yang , Chiang Rai (G.8)**

Lat 19 - 47 - 32 N Long 99 - 45 - 11 E

Location : on left bank at the bridge of Chiang Rai - Phayao Highway, Tambon Bua Sali.

	Ban Ton Yang	Amphoe Mae Lao	Changwat Chiang Rai
Drainage Area	2,909 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	30		
R-Square	0.9240		
Remarks	Continued Sediment Station		

$$QS = 3.9963 QW^{1.55770}$$

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	6.40	241.10	465.30	398.70	1973.20	7041.90	19401.50	3206.30	1357.10	151.10	36.30	34.00		
2	7.50	605.20	225.10	335.90	7328.80	8628.30	15608.90	2884.90	1324.60	117.20	41.30	29.40		
3	7.50	1075.30	194.20	323.80	15765.50	7041.90	11318.30	2728.70	1324.60	117.20	61.00	27.10		
4	7.50	1737.70	186.80	274.30	14224.90	6397.30	8951.40	2677.40	1324.60	117.20	73.80	27.10		
5	7.50	1197.60	186.80	291.40	5507.90	6232.00	7619.80	2575.70	1260.60	107.00	56.90	31.60		
6	9.00	2013.50	438.20	209.40	2626.40	6150.00	6232.00	2389.00	1260.60	144.30	46.30	31.60		
7	11.90	942.30	626.00	87.50	2136.10	6759.10	4891.50	2261.30	1228.90	92.20	38.80	29.40		
8	11.90	479.00	411.70	41.30	3732.50	5987.10	4469.70	2136.10	1228.90	61.00	36.30	29.40		
9	11.90	373.10	257.50	27.10	2575.70	5507.90	5043.10	2136.10	1228.90	52.90	34.00	27.10		
10	9.00	755.90	179.40	25.10	2177.60	4749.40	4820.30	2303.60	1166.60	43.80	31.60	27.10		
11	9.00	1626.70	112.10	17.20	3667.80	4469.70	4332.10	2054.10	1105.40	38.80	29.40	29.40		
12	9.00	2219.30	92.20	52.90	7717.70	3483.40	3797.50	1973.20	1045.40	36.30	27.10	49.00		
13	13.60	1105.40	92.20	78.20	14988.20	8213.80	3261.10	1973.20	1015.90	38.80	25.10	241.10		
14	43.80	506.90	92.20	49.00	11457.90	29822.90	2884.90	1933.20	1015.90	65.10	25.10	225.10		
15	15.30	398.70	87.50	465.30	6852.90	37017.60	2728.70	1893.50	1015.90	179.40	25.10	241.10		
16	11.90	411.70	69.40	2677.40	3928.80	20610.50	3261.10	1854.10	991.10	144.30	22.90	217.20		
17	10.40	521.10	15.30	3862.90	3862.90	11598.10	4332.10	1815.00	991.10	107.00	25.10	172.20		
18	10.40	733.70	31.60	5586.70	4128.70	8735.60	3862.90	1815.00	942.30	92.20	29.40	122.50		
19	17.20	1592.00	31.60	2575.70	4196.10	8843.20	4400.70	1776.20	894.30	73.80	27.10	82.80		
20	56.90	2475.50	13.60	1166.60	5906.20	10903.10	4061.70	1776.20	870.70	56.90	27.10	78.20		
21	41.30	2136.10	52.90	2095.00	9945.80	12308.50	3732.50	1699.50	847.30	46.30	27.10	65.10		
22	27.10	991.10	41.30	1324.60	10765.90	10903.10	3206.30	1626.70	626.00	41.30	27.10	52.90		
23	22.90	521.10	21.00	535.40	8843.20	8843.20	2303.60	1626.70	564.40	38.80	25.10	43.80		
24	25.10	492.90	15.30	668.30	5745.70	8213.80	1973.20	1592.00	506.90	36.30	22.90	56.90		
25	43.80	335.90	17.20	1626.70	5196.40	9278.70	1973.20	1523.50	451.70	36.30	25.10	49.00		
26	241.10	411.70	424.90	1357.10	13773.90	7914.80	1854.10	1592.00	424.90	36.30	34.00	36.30		
27	265.80	1228.90	3862.90	549.80	14074.00	8213.80	1661.60	1592.00	451.70	41.30	34.00	34.00		
28	225.10	465.30	4196.10	506.90	27668.50	11598.10	1815.00	1523.50	438.20	34.00	31.60	41.30		
29	144.30	398.70	2013.50	549.80	18244.30	24335.00	1893.50	1422.80	424.90	31.60	34.00	36.30		
30	122.50	506.90	549.80	300.10	9499.20	21520.80	1933.20	1389.80	373.10	31.60		27.10		
31		521.10		300.10	6947.20		4263.90		249.20	36.30		27.10		
Total	1446.60	29021.40	15003.60	28360.20	255459.90	331322.60	151889.40	59751.30	27951.70	2246.60	980.60	2222.20	905656.30	Ton
Mean	48.20	936.20	500.10	914.80	8240.60	11044.10	4899.70	1991.70	901.70	72.50	33.80	71.70		
Max	265.80	2475.50	4196.10	5586.70	27668.50	37017.60	19401.50	3206.30	1357.10	179.40	73.80	241.10	37017.60	
Min	6.40	241.10	13.60	17.20	1973.20	3483.40	1661.60	1389.80	249.20	31.60	22.90	27.10	6.40	

