

WATER YEAR : 2011**PING RIVER BASIN****Nam Mae Kuang at Tha Nang Bridge , Lamphun (P.5)**

Lat 18 - 34 - 32 N Long 99 - 00 - 44 E

Location : on right bank at the bridge of Chiang Mai from Fang Highway.

	Ban Tha Nang	Amphoe Mueang	Changwat Lamphun
Drainage Area	1,569 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1992-Cont'd		
Actual Measurement	1992-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	36		
R-Square	0.8941		
Remarks	Continued Sediment Station		

$$QS = 0.7568 QW^{1.46770}$$

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	10.20	70.20	78.80	103.30	767.70	336.40	1648.50	119.70	20.60	1.30	13.90	17.50		
2	10.20	81.80	59.20	78.80	1770.20	293.90	1770.20	95.50	17.10	3.90	16.00	16.80		
3	11.00	111.40	45.10	128.10	2505.10	288.80	1792.60	91.60	16.20	2.70	16.80	18.30		
4	11.00	256.90	49.70	176.20	2838.30	274.10	1736.80	81.80	20.60	10.20	17.50	19.00		
5	5.20	176.20	293.90	132.70	2455.30	325.70	1605.00	70.20	25.60	6.40	18.30	19.90		
6	6.40	123.90	633.10	78.80	1837.70	468.30	1149.40	70.20	29.00	15.30	18.30	19.00		
7	16.20	269.80	492.60	54.40	1131.70	1307.20	619.90	61.90	25.60	9.60	16.80	16.80		
8	22.20	288.80	283.60	47.40	542.40	1594.20	403.50	61.90	18.10	7.00	13.90	15.30		
9	30.80	240.00	137.40	52.00	397.80	1906.00	299.20	59.20	17.10	8.90	13.20	14.60		
10	45.10	248.40	81.80	67.40	358.40	1637.60	269.80	73.00	19.00	3.60	13.20	14.60		
11	42.90	299.20	56.80	67.40	341.90	1061.60	223.50	73.00	17.10	20.60	13.20	13.20		
12	38.50	199.40	56.80	59.20	415.10	790.50	235.80	64.60	14.40	19.00	15.30	11.30		
13	42.90	111.40	29.00	61.90	593.70	926.00	166.20	52.00	16.20	20.60	13.90	10.80		
14	42.90	87.80	56.80	81.80	722.80	1594.20	146.80	52.00	15.30	34.50	14.60	12.50		
15	40.70	87.80	52.00	132.70	715.40	1594.20	132.70	42.90	16.20	59.20	15.30	15.30		
16	36.40	123.90	49.70	269.80	1001.60	1605.00	166.20	34.50	16.20	54.40	15.30	21.70		
17	36.40	265.40	49.70	240.00	876.60	1413.70	223.50	34.50	11.00	49.70	16.00	23.50		
18	30.80	315.00	47.40	142.10	934.30	821.20	252.60	32.70	5.20	49.70	13.90	19.00		
19	25.60	229.60	54.40	78.80	1185.10	438.50	244.20	25.60	9.60	21.70	13.90	17.50		
20	25.60	137.40	67.40	59.20	1594.20	498.80	223.50	17.10	9.60	17.50	14.60	17.50		
21	29.00	91.60	47.40	59.20	2033.30	438.50	171.20	11.90	10.20	16.80	15.30	16.00		
22	23.90	78.80	19.00	56.80	2010.00	474.40	137.40	15.30	9.60	15.30	15.30	16.00		
23	27.30	73.00	34.50	54.40	1659.50	480.40	111.40	14.40	6.40	15.30	15.30	14.60		
24	56.80	73.00	34.50	59.20	951.00	529.80	87.80	12.70	2.90	14.60	16.00	14.60		
25	75.90	64.60	75.90	67.40	462.30	708.00	70.20	22.20	2.00	13.90	16.80	16.00		
26	87.80	40.70	211.30	95.50	700.60	600.20	56.80	38.50	1.50	13.20	17.50	16.00		
27	75.90	19.00	567.90	99.40	1044.40	511.10	54.40	32.70	0.60	13.20	16.80	16.00		
28	64.60	22.20	548.80	73.00	1194.20	876.60	52.00	36.40	0.50	12.50	17.50	19.00		
29	54.40	42.90	358.40	59.20	1278.70	1345.60	56.80	34.50	0.60	11.80	16.80	16.80		
30	45.10	73.00	199.40	27.30	1010.10	1512.80	59.20	25.60	0.50	11.80		15.30		
31		75.90		54.40	567.90		70.20		1.40	13.20		16.00		
Total	1071.70	4379.00	4772.30	2817.80	35897.30	26653.30	14237.30	1458.10	375.90	567.40	451.20	510.40	93191.70	Ton
Mean	35.70	141.30	159.10	90.90	1158.00	888.40	459.30	48.60	12.10	18.30	15.60	16.50		
Max	87.80	315.00	633.10	269.80	2838.30	1906.00	1792.60	119.70	29.00	59.20	18.30	23.50	2838.30	
Min	5.20	19.00	19.00	27.30	341.90	274.10	52.00	11.90	0.50	1.30	13.20	10.80	0.50	