

**WATER YEAR : 2011****PING RIVER BASIN****Nam Mae Li at Ban Mae E - Hai , Lamphun (P.76)**

Lat 18 - 08 - 23 N Long 98 - 53 - 58 E

**Location : on left bank near the bridge of Li - Ban Mae E - Hai road.**

	<b>Ban Mae E - Hai</b>	<b>Amphoe Li</b>	<b>Changwat Lamphun</b>
<b>Drainage Area</b>	1,544 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	2001-Cont'd		
<b>Actual Measurement</b>	2001-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	36		
<b>R-Square</b>	0.9530		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 6.6050 QW^{1.09680}$$

**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	14.10	177.50	204.50	123.60	185.20	364.40	636.40	268.90	41.30	12.10	8.80	7.00		
2	11.80	123.60	158.70	113.80	251.30	296.10	1177.20	208.30	39.40	11.30	12.10	6.50		
3	9.60	84.20	110.50	104.70	558.20	382.20	4394.80	128.80	35.70	8.20	13.00	6.50		
4	7.00	79.50	170.00	91.80	649.90	282.50	4290.80	128.80	51.50	7.60	11.30	5.90		
5	7.00	388.30	204.50	97.00	454.30	247.40	3431.70	128.80	39.40	8.20	10.50	6.50		
6	7.00	235.60	223.90	140.10	251.30	784.40	2220.70	119.40	30.20	13.80	8.80	5.30		
7	7.00	155.00	277.90	104.70	185.20	582.90	1315.20	119.40	26.30	13.00	8.20	5.30		
8	6.50	123.60	181.40	91.80	173.70	358.50	1007.80	103.00	33.90	13.80	8.20	4.20		
9	5.00	117.00	147.50	81.60	170.00	319.00	799.30	114.70	26.30	13.00	7.60	4.70		
10	7.00	1333.70	133.50	70.80	162.50	305.30	670.30	119.40	33.90	14.70	7.00	4.70		
11	11.80	2951.70	126.90	75.10	147.50	352.60	576.70	110.10	37.60	15.50	7.60	4.20		
12	9.60	670.30	117.00	66.60	200.60	545.90	430.20	106.50	30.20	15.50	7.60	5.30		
13	11.80	370.30	120.30	81.60	208.30	921.20	364.40	103.00	26.30	15.50	8.20	7.00		
14	18.00	337.40	113.80	62.30	155.00	1361.50	346.60	99.50	23.70	15.50	6.50	7.00		
15	18.00	352.60	104.70	113.80	147.50	1040.60	309.80	92.60	22.40	16.40	7.00	6.50		
16	19.20	200.60	86.70	259.80	170.00	533.60	376.30	85.60	27.60	14.70	7.00	7.00		
17	14.90	147.50	81.60	277.90	177.50	364.40	595.80	75.30	22.40	16.40	7.00	7.00		
18	13.40	576.70	51.00	239.60	166.20	342.00	769.50	64.60	22.40	14.70	5.90	9.60		
19	14.90	754.60	60.20	259.80	231.70	314.40	643.10	67.30	14.70	14.70	6.50	8.80		
20	33.40	697.60	123.60	216.10	251.30	319.00	478.60	64.60	41.30	14.70	7.00	8.20		
21	110.50	490.80	212.20	151.20	259.80	300.70	412.20	67.30	43.20	13.80	15.50	8.20		
22	40.50	319.00	170.00	155.00	173.70	382.20	364.40	62.00	35.70	13.00	14.70	7.00		
23	25.30	243.60	133.50	133.50	117.00	460.40	332.80	59.30	28.90	13.00	13.80	6.50		
24	27.70	223.90	89.30	107.30	113.80	418.10	287.00	64.60	22.40	12.10	11.30	6.50		
25	30.50	166.20	110.50	99.50	110.50	533.60	273.40	67.30	15.50	11.30	10.50	5.90		
26	29.10	208.30	126.90	91.80	762.00	436.10	268.90	64.60	13.00	10.50	8.20	4.70		
27	36.20	259.80	200.60	84.20	1856.70	1241.40	247.40	64.60	11.30	10.50	7.00	5.30		
28	30.50	264.40	200.60	81.60	968.30	992.00	204.50	59.30	28.90	10.50	7.60	5.30		
29	39.10	192.90	155.00	84.20	472.50	851.70	189.00	54.10	33.90	10.50	7.00	5.30		
30	147.50	212.20	133.50	77.30	358.50	1352.30	177.50	43.20	26.30	10.50		4.70		
31		287.00		73.00	533.60		192.90		23.70	10.50		4.70		
Total	763.90	12745.40	4330.30	3811.10	10623.60	16986.40	27785.20	2914.90	909.30	395.50	261.40	191.30	81718.30	<b>Ton</b>
Mean	25.50	411.10	144.30	122.90	342.70	566.20	896.30	97.20	29.30	12.80	9.00	6.20		
Max	147.50	2951.70	277.90	277.90	1856.70	1361.50	4394.80	268.90	51.50	16.40	15.50	9.60	4394.80	
Min	5.00	79.50	51.00	62.30	110.50	247.40	177.50	43.20	11.30	7.60	5.90	4.20	4.20	