

**WATER YEAR : 2011****THA CHIN BASIN****Lower Huai Kra Sieo at Ban Thap Man, Suphan Buri (T.12A)**

Lat 15 - 00 - 45 N Long 99 - 37 - 12 E

**Location : on left bank at Ban Thap Man.**

	<b>Ban</b> Thap Man	<b>Amphoe</b> Dan Chang	<b>Changwat</b> Suphan Buri
<b>Drainage Area</b>	686 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	2006-Cont'd		
<b>Actual Measurement</b>	2006-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	27		
<b>R-Square</b>	0.8706		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 4.3854 QW^{1.61280}$$

**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	6.70	264.40	1131.30	41.90	76.80	208.50	208.50	234.80	81.00	23.70	72.60	34.60		
2	5.10	424.70	780.00	41.90	89.80	217.10	191.50	217.10	76.80	23.70	72.60	30.10		
3	5.90	95.40	545.50	44.40	72.60	119.20	159.40	199.90	76.80	21.80	72.60	27.90		
4	9.80	56.90	1082.70	49.60	60.70	107.00	284.80	191.50	76.80	19.80	76.80	23.70		
5	9.80	41.90	723.10	76.80	53.20	175.20	399.30	183.30	72.60	18.00	131.80	21.80		
6	14.50	37.00	437.70	1180.70	49.60	138.30	244.50	167.20	72.60	18.00	125.50	18.00		
7	16.20	37.00	2506.90	159.40	49.60	119.20	350.30	145.00	72.60	16.20	119.20	18.00		
8	16.20	217.10	374.50	64.60	47.00	113.10	479.90	145.00	76.80	16.20	119.20	18.00		
9	14.50	274.50	225.90	41.90	47.00	113.10	2324.00	145.00	76.80	16.20	44.40	14.50		
10	9.80	47.00	175.20	34.60	47.00	145.00	1256.30	125.50	76.80	14.50	34.60	12.90		
11	9.80	34.60	138.30	25.80	44.40	2506.90	1082.70	119.20	72.60	14.50	27.90	11.30		
12	9.80	34.60	113.10	23.70	41.90	10642.30	614.30	119.20	68.60	12.90	23.70	8.40		
13	11.30	27.90	101.20	34.60	44.40	5338.40	579.50	113.10	64.60	12.90	18.00	8.40		
14	23.70	85.30	89.80	39.40	44.40	1578.10	1760.60	107.00	60.70	21.80	85.30	7.50		
15	3.70	113.10	81.00	30.10	60.70	614.30	1823.10	107.00	53.20	21.80	72.60	34.60		
16	3.70	1131.30	76.80	27.90	89.80	386.80	3036.90	101.20	47.00	25.80	53.20	34.60		
17	3.70	2952.50	81.00	30.10	234.80	284.80	7033.00	107.00	44.40	8.40	47.00	32.30		
18	3.10	760.90	76.80	30.10	138.30	274.50	5338.40	101.20	41.90	8.40	41.90	30.10		
19	2.50	614.30	64.60	25.80	89.80	327.40	2506.90	95.40	37.00	6.70	37.00	34.60		
20	3.70	437.70	64.60	25.80	76.80	362.30	1359.80	85.30	34.60	7.50	34.60	37.00		
21	3.70	191.50	56.90	25.80	72.60	362.30	903.00	81.00	34.60	64.60	21.80	16.20		
22	3.10	145.00	56.90	27.90	60.70	704.50	723.10	76.80	32.30	68.60	21.80	14.50		
23	3.10	64.60	53.20	32.30	53.20	881.70	614.30	81.00	32.30	68.60	21.80	11.30		
24	47.00	41.90	49.60	101.20	47.00	2288.10	545.50	81.00	34.60	68.60	39.40	9.80		
25	34.60	44.40	47.00	818.90	53.20	839.60	464.00	85.30	34.60	85.30	41.90	8.40		
26	23.70	704.50	44.40	1359.80	53.20	399.30	399.30	85.30	34.60	85.30	41.90	7.50		
27	9.80	686.10	41.90	350.30	131.80	464.00	374.50	85.30	32.30	89.80	39.40	7.50		
28	14.50	254.40	44.40	167.20	1854.70	327.40	327.40	85.30	30.10	85.30	37.00	6.70		
29	1918.50	1412.80	41.90	199.90	1668.40	274.50	274.50	81.00	34.60	81.00	37.00	6.70		
30	1548.40	8959.50	39.40	89.80	946.20	234.80	254.40	81.00	34.60	76.80		5.90		
31		1983.00		72.60	350.30		234.80		34.60	76.80		5.90		
<b>Total</b>	3789.90	22175.80	9345.60	5274.80	6749.90	30547.70	36148.50	3632.90	1653.40	1179.50	1612.50	558.70	122669.20	<b>Ton</b>
<b>Mean</b>	126.30	715.30	311.50	170.20	217.70	1018.30	1166.10	121.10	53.30	38.00	55.60	18.00		
<b>Max</b>	1918.50	8959.50	2506.90	1359.80	1854.70	10642.30	7033.00	234.80	81.00	89.80	131.80	37.00	10642.30	
<b>Min</b>	2.50	27.90	39.40	23.70	41.90	107.00	159.40	76.80	30.10	6.70	18.00	5.90	2.50	