WATER YEAR : 2011

MUN RIVER BASIN

Huai Tunglung at Ban Don Yai, Ubon Ratchathani (M.110)

Lat 15 - 26 - 36 N Long 105 - 18 - 30 E

Location : on left bank at the bridge on trakan Phutphon - Khong Chiam Highway.

Ban Don Yai **Amphoe** Si Mueang Mai **Changwat** Ubon Ratchathani

Drainge Area	570 sq.km.
Method of sampling	Depth Integrating
Instrument Used	US.D-49
Period of Available Records	2002-Cont'd
Actual Measurement	2002-Cont'd
Using Rating Curve Water Year	2011
Number of observation	18
R-Square	0.7576
Remarks	Continued Sediment Station

$$QS = 2.8928\ QW^{1.16990}$$

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	0.00	90.60	211.50	163.10	120.30	299.70	437.70	0.00	0.00	0.00	0.00	0.00		
2	0.00	90.60	268.00	163.10	116.80	201.40	1108.30	0.00	0.00	0.00	0.00	0.00		
3	0.00	90.60	326.40	163.10	130.80	201.40	566.50	0.00	0.00	0.00	0.00	0.00		
4	0.00	90.60	348.00	159.50	96.20	381.50	201.40	0.00	0.00	0.00	0.00	0.00		
5	0.00	99.60	348.00	159.50	68.70	226.70	85.10	0.00	0.00	0.00	0.00	0.00		
6	0.00	106.50	348.00	159.50	58.10	273.30	66.60	0.00	0.00	0.00	0.00	0.00		
7	0.00	109.90	337.20	155.90	3679.30	242.10	54.00	0.00	0.00	0.00	0.00	0.00		
8	0.00	113.30	196.40	152.30	4188.80	805.90	41.80	0.00	0.00	0.00	0.00	0.00		
9	0.00	116.80	201.40	148.70	2221.30	1038.00	49.90	0.00	0.00	0.00	0.00	0.00		
10	0.00	109.90	221.60	145.10	3679.30	692.20	47.80	0.00	0.00	0.00	0.00	0.00		
11	0.00	106.50	191.40	145.10	2011.40	573.80	47.80	0.00	0.00	0.00	0.00	0.00		
12	0.00	103.00	237.00	148.70	418.90	692.20	47.80	0.00	0.00	0.00	0.00	0.00		
13	0.00	120.30	237.00	186.50	191.40	305.00	43.80	0.00	0.00	0.00	0.00	0.00		
14	60.20	134.40	201.40	247.30	137.90	890.90	544.70	0.00	0.00	0.00	0.00	0.00		
15	60.20	141.50	181.50	247.30	93.40	707.20	856.80	0.00	0.00	0.00	0.00	0.00		
16	60.20	145.10	166.80	247.30	387.70	848.30	487.20	0.00	0.00	0.00	0.00	0.00		
17	62.40	148.70	166.80	247.30	1728.20	305.00	211.50	0.00	0.00	0.00	0.00	0.00		
18	66.60	155.90	166.80	206.50	669.70	145.10	201.40	0.00	0.00	0.00	0.00	0.00		
19	68.70	155.90	166.80	237.00	669.70	123.80	353.40	0.00	0.00	0.00	0.00	0.00		
20	74.10	155.90	166.80	387.70	1589.50	1549.00	444.80	0.00	0.00	0.00	0.00	0.00		
21	74.10	159.50	159.50	418.90	310.30	951.10	406.30	0.00	0.00	0.00	0.00	0.00		
22	68.70	159.50	155.90	310.30	82.30	767.70	400.10	0.00	0.00	0.00	0.00	0.00		
23	68.70	159.50	155.90	252.40	71.40	684.70	364.30	0.00	0.00	0.00	0.00	0.00		
24	68.70	163.10	196.40	206.50	68.70	201.40	331.80	0.00	0.00	0.00	0.00	0.00		
25	66.60	163.10	196.40	805.90	66.60	103.00	331.80	0.00	0.00	0.00	0.00	0.00		
26	66.60	166.80	181.50	353.40	58.10	71.40	326.40	0.00	0.00	0.00	0.00	0.00		
27	66.60	166.80	176.60	226.70	51.90	51.90	0.00	0.00	0.00	0.00	0.00	0.00		
28	74.10	171.70	176.60	381.50	62.40	51.90	0.00	0.00	0.00	0.00	0.00	0.00		
29	87.90	171.70	181.50	289.10	87.90	60.20	0.00	0.00	0.00	0.00	0.00	0.00		
30	90.60	171.70	181.50	155.90	148.70	71.40	0.00	0.00	0.00	0.00		0.00		
31		176.60		152.30	451.80		0.00		0.00	0.00		0.00		
Total	1185.00	4215.60	6450.60	7423.40	23717.50	13517.20	8059.00	0.00	0.00	0.00	0.00	0.00	64568.30	**Ton**
Mean	39.50	136.00	215.00	239.50	765.10	450.60	260.00	0.00	0.00	0.00	0.00	0.00		
Max	90.60	176.60	348.00	805.90	4188.80	1549.00	1108.30	0.00	0.00	0.00	0.00	0.00	4188.80	
Min	0.00	90.60	155.90	145.10	51.90	51.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	