

WATER YEAR : 2011**MUN RIVER BASIN****Lam Dom Yai at Ban Kham Samran, Ubon Ratchathani (M.170)**

Lat 14 - 47 - 19 N Long 105 - 06 - 10 E

Location : on right bank at the bridge.

	Ban Kham Samran	Amphoe Det Udom	Changwat Ubon Ratchathani
Drainage Area	1,745 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	25		
R-Square	0.7375		
Remarks	Continued Sediment Station		

$$QS = 14.8300 QW^{0.76210}$$

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	6.20	10.80	198.10	185.40	256.00	472.90	705.40	289.00	72.30	18.70	11.50	8.20		
2	6.20	12.30	149.60	226.40	315.20	533.00	591.30	260.60	62.10	17.90	11.10	8.20		
3	5.90	11.30	134.20	214.20	324.50	590.00	545.60	239.60	54.40	17.00	10.80	8.50		
4	5.90	23.60	122.70	185.40	264.10	618.30	717.20	217.90	46.30	16.60	10.60	8.70		
5	5.90	18.70	101.60	163.10	244.30	619.70	767.80	198.10	42.70	16.20	10.30	8.50		
6	6.20	16.60	81.80	131.40	216.70	594.10	776.00	177.60	40.20	15.70	10.30	8.50		
7	6.20	16.20	80.50	109.30	220.40	587.30	750.90	165.80	38.50	15.70	10.00	8.50		
8	5.90	13.00	113.80	93.80	281.70	670.80	644.60	160.40	37.70	16.20	11.10	9.00		
9	5.90	12.00	164.40	84.40	299.80	830.60	528.00	155.00	39.40	15.70	11.10	10.00		
10	5.90	11.10	208.10	77.80	311.60	988.30	520.40	150.90	37.70	15.70	10.80	11.10		
11	5.90	10.30	220.40	71.00	343.00	1270.20	574.00	145.40	34.30	15.30	10.80	11.80		
12	5.60	9.30	267.50	68.20	397.40	1273.60	577.70	137.00	31.60	15.30	10.60	12.30		
13	5.60	8.50	317.50	81.80	382.80	1202.60	584.50	132.80	28.00	14.40	10.60	12.00		
14	5.60	9.30	285.30	186.70	349.90	1145.40	545.60	122.70	26.10	13.90	10.00	11.80		
15	5.60	9.00	231.20	273.20	357.80	1104.40	607.60	113.80	28.90	12.50	9.50	11.50		
16	5.60	17.90	201.80	346.40	324.50	1080.80	737.20	106.30	30.70	12.30	9.30	11.10		
17	5.60	27.00	172.40	358.90	312.80	1045.10	771.10	101.60	30.70	13.50	9.30	10.30		
18	6.20	127.00	132.80	309.30	364.50	999.20	755.50	93.80	34.30	13.50	9.80	9.50		
19	6.50	116.80	204.30	246.60	517.90	938.80	749.40	88.40	33.40	13.50	9.80	9.30		
20	6.20	175.00	311.60	199.30	640.30	861.40	737.20	84.40	28.00	13.50	10.30	12.50		
21	5.60	98.50	356.70	199.30	658.80	784.20	749.40	81.80	26.10	12.30	9.80	13.50		
22	5.60	62.10	409.50	180.20	658.80	792.40	712.80	77.80	23.60	12.00	9.50	14.40		
23	6.50	39.40	386.40	168.40	637.40	981.90	579.10	73.70	20.40	12.00	9.50	13.00		
24	6.20	24.40	326.90	189.20	560.50	1292.10	471.60	68.20	22.80	14.80	9.30	12.00		
25	5.90	24.40	252.50	193.00	488.50	1270.20	404.70	64.30	22.00	25.20	9.30	10.80		
26	5.90	34.30	195.60	266.40	503.90	1161.40	361.20	61.00	22.80	18.70	8.70	10.30		
27	5.60	115.30	153.70	265.20	511.60	1087.90	335.00	57.70	22.00	15.30	8.20	9.80		
28	6.20	160.40	137.00	275.60	541.80	1004.10	395.00	55.50	22.00	13.00	7.90	9.30		
29	7.70	125.60	132.80	354.40	579.10	945.30	403.50	53.20	20.40	12.50	7.90	9.00		
30	9.80	103.20	152.30	312.80	545.60	857.50	375.40	50.90	19.60	13.90		8.50		
31		135.60		246.60	491.10		321.00		19.60	13.50		9.50		
Total	183.60	1578.90	6203.00	6263.70	12902.30	27603.50	18295.70	3785.20	1018.60	466.30	287.70	321.40	78909.90	Ton
Mean	6.10	50.90	206.80	202.10	416.20	920.10	590.20	126.20	32.90	15.00	9.90	10.40		
Max	9.80	175.00	409.50	358.90	658.80	1292.10	776.00	289.00	72.30	25.20	11.50	14.40	1292.10	
Min	5.60	8.50	80.50	68.20	216.70	472.90	321.00	50.90	19.60	12.00	7.90	8.20	5.60	