

WATER YEAR : 2011**MUN RIVER BASIN****Mun River at Ban Mueang Kong, Si Sa Ket (M.5)**

Lat 15 - 20 - 16 N Long 104 - 09 - 21 E

Location : on left bank in front of Amphoe Rasi Salai Office.

	Ban Mueang Kong	Amphoe Rasi Salai	Changwat Si Sa Ket
Drainage Area	45,295 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	32		
R-Square	0.8897		
Remarks	Continued Sediment Station		

$$QS = 6.9642 QW^{0.89100}$$

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	14.60	24.00	22.90	26.60	669.30	1638.20	4621.90	8610.10	2205.70	28.20	21.30	122.10		
2	14.60	24.00	21.30	25.00	402.70	1831.00	4710.10	8391.60	1822.80	28.20	21.30	221.20		
3	14.60	24.00	53.70	26.60	151.00	1886.70	4810.60	8099.20	1442.70	26.60	21.30	86.00		
4	13.50	24.00	289.60	24.00	151.00	1930.40	4948.40	7810.70	1180.80	25.00	37.40	139.50		
5	13.50	24.00	694.10	24.00	368.60	1974.70	5046.90	7462.80	976.80	25.00	49.30	136.50		
6	12.30	24.00	795.70	22.90	543.50	2044.20	5168.70	7155.50	672.80	25.00	47.90	55.60		
7	12.30	22.90	781.80	22.90	543.50	2134.70	5275.00	6862.50	222.50	24.00	35.90	49.30		
8	12.30	22.90	615.80	24.00	406.50	2220.70	5396.20	6568.00	223.70	24.00	24.00	25.00		
9	12.30	21.30	275.40	24.00	282.50	2336.80	5501.90	6255.70	198.70	24.00	37.40	25.00		
10	11.20	21.30	228.50	22.90	246.70	2471.90	5608.80	6017.50	154.00	24.00	62.30	25.00		
11	11.20	22.90	142.50	22.90	104.50	2613.60	5690.80	5778.20	104.50	22.90	62.30	24.00		
12	22.90	22.90	122.10	21.30	127.80	2697.30	5800.00	5547.20	66.60	22.90	58.00	24.00		
13	26.60	22.90	113.40	49.30	201.20	2785.10	6060.90	5381.10	59.90	22.90	53.70	24.00		
14	26.60	24.00	127.80	113.40	328.20	2878.80	6190.90	5183.90	51.30	22.90	53.70	33.30		
15	25.00	24.00	122.10	89.20	349.40	2972.20	6363.60	4973.40	44.90	22.90	53.70	41.90		
16	25.00	24.00	162.50	83.30	488.60	3069.90	6594.90	4810.60	35.90	22.90	53.70	38.90		
17	24.00	24.00	271.80	76.80	525.30	3164.60	6755.60	4609.30	30.80	22.90	53.70	37.40		
18	26.60	24.00	253.90	66.60	296.60	3245.50	6889.20	4444.10	25.00	21.30	53.70	38.90		
19	29.20	24.00	257.50	62.30	492.20	3360.20	7155.50	4275.60	24.00	21.30	53.70	41.90		
20	29.20	22.90	455.20	62.30	820.00	3454.80	7399.40	4116.80	24.00	21.30	51.30	41.90		
21	30.80	21.30	587.00	62.30	1177.50	3506.40	7652.80	3976.30	22.90	21.30	55.60	40.40		
22	30.80	21.30	579.80	62.30	1278.00	3629.60	7879.00	3832.70	22.90	21.30	76.80	38.90		
23	31.80	21.30	528.90	58.00	1285.20	3756.70	8099.20	3697.10	22.90	25.00	59.90	38.90		
24	30.80	22.90	481.20	64.70	1253.40	3883.40	8355.10	3462.00	24.00	41.90	62.30	35.90		
25	29.20	22.90	462.70	168.00	1267.20	4001.50	8500.90	3299.30	29.20	30.80	64.70	31.80		
26	29.20	21.30	414.10	173.40	1324.80	4116.80	8646.40	3144.30	29.20	24.00	66.60	30.80		
27	29.20	21.30	238.20	173.40	1396.40	4255.80	8791.60	2947.30	29.20	24.00	66.60	29.20		
28	29.20	20.20	148.10	410.30	1449.80	4402.10	8864.10	2741.20	29.20	22.90	68.50	19.10		
29	26.60	20.20	66.60	1135.60	1476.90	4444.10	8900.30	2561.60	28.20	22.90	68.50	18.00		
30	24.00	20.20	51.30	679.90	1519.30	4541.90	8827.90	2387.00	28.20	20.20		16.90		
31		20.20		669.30	1577.00		8791.60		28.20	20.20		15.80		
Total	669.10	701.10	9365.50	4547.50	22504.60	91249.60	209298.20	154402.60	9861.50	752.70	1495.10	1547.10	506394.60	Ton
Mean	22.30	22.60	312.20	146.70	726.00	3041.70	6751.60	5146.80	318.10	24.30	51.60	49.90		
Max	31.80	24.00	795.70	1135.60	1577.00	4541.90	8900.30	8610.10	2205.70	41.90	76.80	221.20	8900.30	
Min	11.20	20.20	21.30	21.30	104.50	1638.20	4621.90	2387.00	22.90	20.20	21.30	15.80	11.20	