

WATER YEAR : 2011**MUN RIVER BASIN****Mun River at Ban Dan Taka, Nakhon Ratchasima (M.2A)**

Lat 14 - 57 - 57 N Long 102 - 14 - 38 E

Location : on left bank at Ban Dan Taka.

	Ban Dan Taka	Amphoe Chaloem Phra Kiat Changwat Nakhon Ratchasima
Drainage Area	4,724 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	30	
R-Square	0.8370	
Remarks	Continued Sediment Station	

$$QS = 5.0583 QW^{1.05340}$$

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	59.60	93.80	118.70	0.00	101.30	136.30	783.10	981.80	42.80	5.10	59.60	59.60		
2	55.40	108.70	138.80	0.00	146.40	131.30	817.20	881.80	35.70	0.00	59.60	57.20		
3	51.80	116.20	161.60	0.00	228.30	138.80	906.80	743.60	27.00	0.00	50.00	53.60		
4	41.10	111.20	197.30	0.00	251.60	126.20	965.10	618.90	35.70	7.20	46.40	50.00		
5	46.40	131.30	217.90	4.00	277.00	126.20	1049.40	529.90	21.80	1.90	30.50	51.80		
6	66.90	164.10	236.00	0.90	279.90	133.80	1112.30	466.00	20.60	0.00	28.70	53.60		
7	69.30	154.00	230.80	0.00	259.40	146.40	1176.20	414.20	18.40	0.00	15.00	57.20		
8	74.20	148.90	212.80	0.00	225.70	182.00	1167.00	362.80	12.70	0.00	13.80	57.20		
9	76.60	126.20	179.40	0.00	194.80	202.50	1139.70	342.00	15.00	0.00	9.40	64.50		
10	76.60	116.20	133.80	0.00	164.10	215.30	1121.40	327.10	17.20	0.00	4.00	76.60		
11	62.00	113.70	106.20	0.00	154.00	330.10	1130.60	312.30	16.10	0.00	9.40	91.40		
12	55.40	113.70	81.50	0.00	118.70	472.70	1121.40	309.40	13.80	0.00	16.10	98.80		
13	57.20	111.20	37.50	0.00	98.80	575.50	1121.40	303.50	16.10	0.00	11.60	113.70		
14	57.20	101.30	28.70	0.00	86.40	647.50	1130.60	297.60	20.60	3.00	5.10	121.20		
15	51.80	96.30	32.20	0.00	74.20	734.00	1121.40	282.90	12.70	6.10	6.10	116.20		
16	48.20	76.60	20.60	0.00	64.50	792.40	1112.30	268.20	0.00	7.20	9.40	106.20		
17	42.80	53.60	16.10	0.00	64.50	852.80	1095.50	241.20	0.00	10.50	13.80	103.80		
18	34.00	69.30	17.20	0.00	66.90	959.50	1087.80	217.90	9.40	18.40	19.50	101.30		
19	32.20	96.30	13.80	0.00	84.00	1004.10	1087.80	189.60	6.10	25.20	21.80	98.80		
20	28.70	108.70	8.30	0.00	111.20	998.50	1087.80	164.10	5.10	23.50	25.20	91.40		
21	23.50	106.20	7.20	0.00	141.30	931.70	1121.40	148.90	5.10	39.30	28.70	79.10		
22	25.20	98.80	7.20	0.00	131.30	823.40	1203.60	133.80	5.10	62.00	32.20	69.30		
23	34.00	71.70	3.00	0.00	118.70	690.90	1387.80	118.70	1.90	66.90	37.50	59.60		
24	42.80	59.60	0.00	0.00	93.80	616.90	1490.00	101.30	0.00	41.10	39.30	62.00		
25	79.10	66.90	0.00	0.00	86.40	621.00	1478.60	86.40	0.00	39.30	41.10	51.80		
26	106.20	71.70	0.00	0.00	106.20	649.60	1433.10	79.10	0.00	42.80	48.20	53.60		
27	106.20	71.70	0.00	0.00	118.70	668.00	1365.10	46.40	10.50	88.90	51.80	51.80		
28	101.30	64.50	0.00	7.20	131.30	688.50	1276.80	62.00	0.00	123.70	48.20	50.00		
29	103.80	74.20	0.00	23.50	143.90	719.60	1212.70	51.80	0.00	103.80	57.20	48.20		
30	108.70	91.40	0.00	35.70	161.60	755.30	1130.60	46.40	0.00	81.50		39.30		
31		98.80		79.10	151.40		1057.10		0.90	79.10		42.80		
Total	1818.20	3086.80	2206.60	150.40	4436.30	16070.80	35491.60	9129.60	370.30	876.50	839.20	2231.60	76707.90	Ton
Mean	60.60	99.60	73.60	4.90	143.10	535.70	1144.90	304.30	11.90	28.30	28.90	72.00		
Max	108.70	164.10	236.00	79.10	279.90	1004.10	1490.00	981.80	42.80	123.70	59.60	121.20	1490.00	
Min	23.50	53.60	0.00	0.00	64.50	126.20	783.10	46.40	0.00	0.00	4.00	39.30	0.00	