

WATER YEAR : 2011**MUN RIVER BASIN****Mun River at Ban Cum, Nakhon Ratchasima (M.184)**

Lat 15 - 13 - 12 N Long 102 - 25 - 41 E

Location : on right at the bridge on highway.

	Ban Cum	Amphoe Phimai	Changwat Nakhon Ratchasima
Drainage Area	11,489 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2008-Cont'd		
Actual Measurement	2008-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	23		
R-Square	0.8012		
Remarks	Continued Sediment Station		

$$QS = 3.4223 QW^{1.02800}$$

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	16.10	34.60	81.30	0.00	95.20	233.40	528.40	590.70	38.40	3.40	67.60	30.90		
2	16.10	30.90	88.20	0.00	120.70	242.90	524.00	577.30	45.90	4.50	60.70	32.80		
3	17.90	25.30	97.50	0.00	151.00	250.00	537.30	564.00	38.40	4.50	30.90	34.60		
4	17.90	25.30	123.00	0.00	162.70	252.40	541.70	550.60	32.80	4.50	16.10	34.60		
5	16.10	29.00	144.00	0.00	172.10	252.40	537.30	532.90	32.80	5.90	30.90	32.80		
6	17.90	34.60	167.40	0.00	186.20	252.40	555.10	519.50	36.50	5.90	29.00	32.80		
7	27.20	47.80	181.50	1.00	202.70	245.30	550.60	498.60	23.40	5.20	23.40	36.50		
8	34.60	76.70	190.90	0.00	205.10	235.80	550.60	485.70	14.20	5.20	13.50	38.40		
9	40.30	95.20	193.30	0.00	219.20	224.00	550.60	469.60	12.80	5.20	10.60	36.50		
10	47.80	99.80	186.20	0.00	219.20	233.40	550.60	453.50	12.80	4.80	6.30	42.10		
11	53.90	92.90	169.80	0.00	212.20	280.90	559.50	437.40	12.80	4.50	6.30	49.70		
12	53.90	83.60	139.30	0.00	198.00	328.60	564.00	421.40	12.00	3.40	6.30	69.80		
13	49.70	60.70	104.40	0.00	172.10	355.00	568.40	408.60	12.00	4.10	7.00	90.50		
14	44.00	47.80	63.00	0.00	137.00	376.50	568.40	398.10	11.30	4.10	6.60	102.10		
15	36.50	49.70	30.90	6.30	113.70	393.30	590.70	388.50	12.00	5.20	4.80	113.70		
16	29.00	56.10	21.60	23.40	104.40	415.00	612.90	381.30	11.30	7.70	3.80	125.30		
17	21.60	49.70	12.00	32.80	109.10	440.60	617.40	371.70	7.70	16.10	4.50	120.70		
18	16.10	51.60	6.60	32.80	111.40	459.90	617.40	362.10	7.00	25.30	5.50	111.40		
19	12.80	51.60	5.50	25.30	130.00	476.00	617.40	350.20	8.40	29.00	8.40	102.10		
20	10.60	56.10	5.90	17.90	155.70	498.60	617.40	335.80	9.10	44.00	9.90	90.50		
21	10.60	65.30	4.50	12.80	169.80	532.90	612.90	314.30	9.10	60.70	10.60	72.10		
22	11.30	69.80	4.50	13.50	181.50	555.10	608.50	283.30	9.10	88.20	12.00	56.10		
23	12.80	65.30	3.10	12.00	186.20	564.00	608.50	245.30	6.60	116.00	12.80	23.40		
24	16.10	53.90	0.00	12.80	179.20	564.00	599.60	193.30	6.30	139.30	17.90	14.20		
25	23.40	44.00	0.00	34.60	169.80	559.50	599.60	139.30	5.20	146.30	19.70	29.00		
26	42.10	53.90	0.00	49.70	167.40	550.60	599.60	113.70	5.90	125.30	19.70	30.90		
27	60.70	67.60	0.00	49.70	162.70	546.20	604.00	97.50	5.90	95.20	23.40	27.20		
28	69.80	76.70	0.00	49.70	160.40	546.20	612.90	85.90	6.30	81.30	27.20	25.30		
29	65.30	72.10	0.00	58.40	169.80	537.30	617.40	74.40	6.30	88.20	29.00	23.40		
30	44.00	72.10	0.00	67.60	186.20	528.40	612.90	40.30	5.20	90.50		19.70		
31		79.00		81.30	209.80		604.00		4.10	81.30		16.10		
Total	936.10	1818.70	2024.40	581.60	5120.50	11930.60	18039.60	10684.80	461.60	1304.80	524.40	1665.20	55092.30	Ton
Mean	31.20	58.70	67.50	18.80	165.20	397.70	581.90	356.20	14.90	42.10	18.10	53.70		
Max	69.80	99.80	193.30	81.30	219.20	564.00	617.40	590.70	45.90	146.30	67.60	125.30	617.40	
Min	10.60	25.30	0.00	0.00	95.20	224.00	524.00	40.30	4.10	3.40	3.80	14.20	0.00	