

WATER YEAR : 2011**NAN RIVER BASIN****Nan River at Ban Tha Ngam , Phitsanulok (N.22A)**

Lat 16 - 59 - 33 N Long 100 - 19 - 31 E

Location : on left bank at Ban Tha Ngam.

	Ban	Tha Ngam	Amphoe	Wat Bot	Changwat	Phitsanulok
Drainage Area	4,774	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	20					
R-Square	0.7166					
Remarks	Continued Sediment Station					

$$QS = 2.4365 QW^{1.21430}$$

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	288.60	185.20	336.00	475.20	928.40	2498.70	2708.40	557.40	128.50	750.10	529.70	560.50		
2	280.40	87.00	319.10	525.90	724.20	2847.70	2562.20	411.40	71.70	724.20	536.60	242.60		
3	266.70	89.20	316.30	502.30	1022.10	2847.70	2586.50	367.30	91.50	724.20	539.70	307.90		
4	277.60	55.40	310.70	495.50	1043.60	2786.10	3054.90	310.70	64.20	738.80	547.40	203.20		
5	283.10	79.30	299.60	481.90	1082.50	2816.90	3219.20	218.80	64.20	720.90	536.60	165.10		
6	283.10	75.50	316.30	478.20	1078.20	2594.60	3207.70	288.60	98.30	709.70	543.50	128.50		
7	305.20	121.40	296.80	478.20	970.80	1998.40	3277.20	305.20	242.60	699.20	539.70	119.10		
8	350.10	116.70	253.30	547.40	1152.30	1698.10	3219.20	258.60	399.00	684.80	539.70	79.30		
9	519.00	79.30	247.90	557.40	1222.90	2313.90	3096.60	396.10	344.40	652.10	547.40	140.50		
10	519.00	89.20	261.30	560.50	1280.80	2643.20	3013.20	210.90	361.50	634.70	560.50	79.30		
11	547.40	98.30	258.60	557.40	1388.80	2331.80	2343.70	145.40	355.80	677.60	557.40	83.10		
12	333.10	87.00	280.40	554.30	1562.90	2225.90	2003.30	192.90	361.50	663.20	550.40	100.50		
13	404.90	75.50	288.60	574.40	1507.50	2765.60	1969.50	170.10	364.40	652.10	539.70	73.80		
14	567.40	272.20	418.00	627.60	1321.10	3562.00	1811.50	165.10	441.60	630.70	499.30	73.80		
15	441.60	384.50	396.10	585.30	1502.90	3641.40	2134.60	155.20	484.90	623.60	488.70	93.70		
16	396.10	421.70	355.80	617.40	1461.70	3641.40	2037.20	135.70	738.80	613.40	522.80	114.40		
17	390.30	411.40	438.70	695.20	1702.80	4293.80	1821.00	203.20	554.30	599.30	516.00	73.80		
18	157.70	378.80	488.70	699.20	2139.50	4957.40	1712.20	165.10	468.40	620.50	499.30	98.30		
19	461.70	396.10	488.70	674.40	2183.60	5263.20	1731.10	147.80	239.90	623.60	495.50	83.10		
20	147.80	182.70	471.40	502.30	1974.30	5242.50	1665.30	145.40	418.00	536.60	499.30	105.10		
21	89.20	255.90	471.40	358.70	1945.40	5221.90	1521.30	145.40	441.60	578.30	481.90	98.30		
22	157.70	213.60	471.40	190.30	2409.50	5221.90	924.20	133.30	432.00	606.40	478.20	79.30		
23	147.80	190.30	471.40	140.50	2409.50	5098.50	878.00	126.20	415.10	536.60	478.20	96.00		
24	140.50	172.60	464.70	121.40	2403.50	4650.40	367.30	119.10	432.00	567.40	471.40	83.10		
25	208.40	187.80	458.00	121.40	2526.90	4093.20	319.10	116.70	424.60	532.80	441.60	93.70		
26	145.40	277.60	475.20	126.20	2806.60	3807.60	367.30	102.80	421.70	401.90	499.30	85.30		
27	55.40	296.80	481.90	213.60	3054.90	3978.30	353.00	83.10	564.30	613.40	458.00	81.50		
28	1.30	316.30	475.20	321.90	2878.60	4126.20	338.80	81.50	757.40	645.00	428.30	73.80		
29	43.80	294.10	461.70	347.30	2491.70	3898.80	324.70	64.20	746.10	543.50	418.00	73.80		
30	208.40	408.50	468.40	367.30	2435.50	3173.00	327.50	64.20	732.30	543.50		73.80		
31		502.30		381.60	2307.90		333.10		716.90	532.80		73.80		
Total	8418.70	6802.20	11541.60	13880.20	54920.90	106240.10	55228.80	5987.40	12377.50	19380.90	14744.10	3838.00	313360.40	Ton
Mean	280.60	219.40	384.70	447.70	1771.60	3541.30	1781.60	199.60	399.30	625.20	508.40	123.80		
Max	567.40	502.30	488.70	699.20	3054.90	5263.20	3277.20	557.40	757.40	750.10	560.50	560.50	5263.20	
Min	1.30	55.40	247.90	121.40	724.20	1698.10	319.10	64.20	64.20	401.90	418.00	73.80	1.30	