

**WATER YEAR : 2011****NAN RIVER BASIN****Nan River at Ban Rat Chang Khwan , Phichit (N.7A)**

Lat 16 - 28 - 03 N Long 100 - 20 - 05 E

**Location : on right bank in front of Phichit Phitthaya Khom School**

	<b>Ban</b>	Rat Chang Khwan	<b>Amphoe</b>	Mueang	<b>Changwat</b>	Phichit
<b>Drainage Area</b>	27,897	sq.km.				
<b>Method of sampling</b>	Depth Integrating					
<b>Instrument Used</b>	US.D-49					
<b>Period of Available Records</b>	2001-Cont'd					
<b>Actual Measurement</b>	2001-Cont'd					
<b>Using Rating Curve Water Year</b>	2011					
<b>Number of observation</b>	28					
<b>R-Square</b>	0.8008					
<b>Remarks</b>	Continued Sediment Station					

$$QS = 1.0101 QW^{1.35680}$$

**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	1380.70	1197.40	4085.80	3066.70	9738.40	20071.60	20591.40	7836.90	1153.50	3649.10	5076.10	4018.90		
2	1571.60	1515.00	4557.60	2975.60	11599.00	20071.60	20554.10	7836.90	1334.20	3585.40	5278.20	3979.00		
3	1531.00	1783.40	4383.10	3344.20	13979.00	20108.60	20628.60	7652.50	1522.50	3438.00	5437.70	3912.70		
4	1443.30	1901.90	3912.70	3723.70	15419.20	20108.60	20479.70	7537.90	1531.00	3417.10	5635.50	3798.80		
5	1759.00	1759.00	3532.60	4005.60	15869.70	20145.60	20479.70	7332.70	1404.50	3710.70	5635.50	3748.70		
6	1651.60	1701.70	3344.20	4032.30	16218.50	20182.70	20516.90	6794.40	1342.40	4166.30	5340.80	3849.00		
7	1296.30	2265.80	3480.00	3673.90	16078.70	20219.70	20516.90	6462.60	1205.30	4452.70	5200.30	3735.60		
8	1072.20	2570.10	3899.40	3385.80	15453.70	20145.60	20516.90	6020.40	1183.30	4815.00	4922.10	3710.70		
9	945.00	2372.80	4126.00	3076.80	15453.70	20145.60	20516.90	5602.40	1685.30	5340.80	4891.40	3723.70		
10	951.70	2125.20	4112.60	2885.20	15730.70	20256.80	20331.00	5819.10	1620.00	4845.60	4999.00	3543.10		
11	1250.60	1935.80	3849.00	2825.40	15730.70	20293.90	20145.60	5652.70	1515.00	3810.70	5060.70	3553.70		
12	1547.00	1759.00	3543.10	2955.50	16009.00	20368.20	19849.90	5029.80	1850.30	3406.70	5060.70	3899.40		
13	1563.00	1620.00	3230.30	3046.40	16745.50	20442.50	19225.30	4738.90	1825.60	3490.50	5060.70	4072.40		
14	1499.10	1522.50	2955.50	3158.50	17526.40	20479.70	18533.50	4572.60	2063.90	3469.50	5107.10	3992.30		
15	2107.80	1783.40	2775.80	3490.50	17669.30	20516.90	18136.10	4512.60	2765.90	3375.40	4860.80	4045.60		
16	2211.70	2168.40	2648.00	4287.90	17848.50	20554.10	17848.50	4220.20	3087.00	3438.00	4769.30	3773.70		
17	1977.90	2502.40	2570.10	5138.10	17848.50	20554.10	17562.10	3810.70	3543.10	3406.70	5184.70	3723.70		
18	1926.80	2390.70	2736.30	6133.90	18100.10	20554.10	17134.80	3532.60	3354.60	3036.20	5520.60	3127.80		
19	1892.90	2238.70	3138.00	7332.70	18642.30	20628.60	16569.30	3375.40	3271.60	3220.00	5487.60	2746.20		
20	1751.20	2417.20	3406.70	8068.90	19079.10	20554.10	15869.70	3158.50	2875.30	3564.30	5520.60	2211.70		
21	1801.10	2677.30	3522.10	8609.30	19335.20	20591.40	15044.10	2835.40	2945.40	3532.60	5537.70	1817.80		
22	1620.00	2677.30	3480.00	8986.10	19555.30	20628.60	14492.80	2309.70	3230.30	3553.70	5422.00	1783.40		
23	1491.60	2435.20	3375.40	9164.80	19776.10	20591.40	13915.10	2038.50	3251.00	3687.00	5404.90	1342.40		
24	1109.20	2107.80	3281.90	9219.00	19849.90	20628.60	13060.30	2029.40	3490.50	3710.70	5422.00	1197.40		
25	1101.50	1783.40	3097.20	9062.60	19702.50	20591.40	12033.60	1676.60	3574.80	3723.70	5356.50	1168.40		
26	1334.20	1725.90	2667.50	8656.70	19813.00	20591.40	11225.80	1555.50	3344.20	3798.80	5262.60	1168.40		
27	1404.50	1834.50	2381.20	8732.50	20034.60	20591.40	10827.60	1460.00	3148.20	3735.60	5153.60	1160.50		
28	1428.50	2003.10	2492.80	8732.50	20034.60	20591.40	9793.60	1388.90	3281.90	4126.00	5060.70	1109.20		
29	1228.30	2195.20	2975.60	8757.70	20071.60	20628.60	8935.20	1304.40	3606.60	4512.60	4328.60	1145.70		
30	1079.10	2337.00	3302.60	8960.70	20145.60	20591.40	8443.90	1220.30	3638.50	4754.10		1036.40		
31		2915.30		9113.60	20108.60		8068.90		3723.70	5122.60		1028.80		
Total	44928.40	64222.40	100863.10	178603.10	539167.00	612428.10	511847.80	129318.50	77369.40	119896.10	150998.00	87125.10	2616767.30	<b>Ton</b>
Mean	1497.60	2071.70	3362.10	5761.40	17392.50	20414.30	16511.20	4310.60	2495.80	3867.60	5206.80	2810.50		
Max	2211.70	2915.30	4557.60	9219.00	20145.60	20628.60	20628.60	7836.90	3723.70	5340.80	5635.50	4072.40	20628.60	
Min	945.00	1197.40	2381.20	2825.40	9738.40	20071.60	8068.90	1220.30	1153.50	3036.20	4328.60	1028.80	945.00	