

**WATER YEAR : 2011****NAN RIVER BASIN****Nan River at Ban Pha Khwang , Nan (N.64)**

Lat 19 - 00 - 32 N Long 100 - 47 - 19 E

**Location : on right bank at the bridge on highway from Tambon Bo.**

	<b>Ban</b> Pha Khwang	<b>Amphoe</b> Mueang	<b>Changwat</b> Nan
<b>Drainage Area</b>	3,476 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	1994-Cont'd		
<b>Actual Measurement</b>	1994-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	36		
<b>R-Square</b>	0.8619		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 0.01400 QW^{2.40970}$$

**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	3.30	146.30	492.00	48601.10	18420.20	8863.90	24726.60	1248.00	84.70	27.60	17.00	8.00		
2	3.30	54.90	198.70	22503.70	28499.60	7615.90	21613.40	1053.30	84.70	27.60	15.20	6.90		
3	2.10	59.30	162.70	14111.10	28706.90	5335.50	11161.10	854.10	84.70	25.20	15.20	6.90		
4	2.10	332.60	146.30	11161.10	10923.50	8370.80	7524.50	444.90	79.00	25.20	15.20	6.90		
5	2.10	238.90	154.40	6394.10	10923.50	23972.00	5552.20	332.60	68.60	25.20	15.20	6.90		
6	1.80	658.50	901.60	4017.40	10007.50	27073.10	4201.30	283.50	54.90	25.20	15.20	6.90		
7	18.90	307.50	1661.90	2989.20	72399.70	48601.10	3499.30	271.90	46.80	25.20	13.60	6.90		
8	63.90	90.60	581.00	2146.60	66385.60	81998.50	3289.60	249.60	46.80	25.20	13.60	6.90		
9	17.00	54.90	699.40	2028.30	33038.80	49831.20	3238.30	228.40	43.00	25.20	13.60	8.00		
10	5.90	218.20	372.50	10923.50	33719.50	34214.60	2845.20	218.20	39.40	23.00	13.60	8.00		
11	8.00	1731.80	228.40	13170.40	22684.30	23415.00	2481.60	208.30	32.70	23.00	13.60	8.00		
12	8.00	415.10	208.30	5335.50	28499.60	13435.30	2146.60	208.30	32.70	23.00	12.00	9.20		
13	4.90	162.70	198.70	6077.80	23785.50	10342.60	1731.80	208.30	32.70	25.20	12.00	9.20		
14	5.90	146.30	146.30	67120.70	17318.50	10228.70	1527.10	208.30	32.70	23.00	12.00	8.00		
15	4.10	116.50	130.90	81998.50	12908.50	11891.80	1462.20	198.70	32.70	23.00	12.00	12.00		
16	4.10	116.50	116.50	78317.00	9270.40	16555.70	1951.60	180.20	32.70	25.20	12.00	13.60		
17	4.90	154.40	109.70	121848.10	18420.20	14386.90	1399.00	171.30	32.70	25.20	10.60	12.00		
18	5.90	2146.60	96.70	41874.00	16107.70	43859.40	1162.20	162.70	32.70	23.00	10.60	12.00		
19	5.90	1307.20	90.60	21967.00	29756.50	102382.40	1079.90	154.40	32.70	20.90	10.60	9.20		
20	4.10	1001.20	146.30	41039.50	97266.60	48907.00	901.60	138.50	32.70	20.90	10.60	9.20		
21	3.30	1876.60	138.50	32813.70	88355.40	76712.50	808.00	130.90	32.70	20.90	9.20	8.00		
22	2.70	741.80	116.50	30828.30	173787.90	56586.70	720.40	123.60	30.10	18.90	9.20	8.00		
23	2.70	171.30	90.60	20402.20	79533.20	30828.30	619.10	123.60	30.10	18.90	8.00	5.90		
24	13.60	96.70	96.70	30828.30	41316.50	24536.70	562.50	116.50	27.60	18.90	8.00	5.90		
25	50.80	295.30	1399.00	18904.60	31263.30	19562.00	492.00	116.50	27.60	17.00	8.00	4.90		
26	20.90	400.60	201682.70	9687.50	29969.10	18260.40	492.00	109.70	27.60	17.00	8.00	4.90		
27	8.00	249.60	561321.50	7894.10	24726.60	23599.90	492.00	109.70	30.10	15.20	8.00	4.90		
28	5.90	429.80	408289.50	8863.90	21613.40	13974.40	492.00	103.10	27.60	15.20	8.00	10.60		
29	6.90	619.10	105237.70	5699.60	13170.40	10228.70	460.30	96.70	27.60	15.20	8.00	9.20		
30	10.60	444.90	30182.60	4583.50	10457.30	9687.50	415.10	96.70	27.60	15.20		5.90		
31		599.90		9270.40	9582.20		415.10		27.60	17.00		4.90		
Total	301.60	15385.60	1315398.40	783400.80	1112817.90	875258.40	109463.60	8150.50	1275.80	676.40	337.80	247.80	4222715.50	<b>Ton</b>
Mean	10.10	496.30	43846.60	25271.00	35897.40	29175.30	3531.10	271.70	41.20	21.80	11.60	8.00		
Max	63.90	2146.60	561321.50	121848.10	173787.90	102382.40	24726.60	1248.00	84.70	27.60	17.00	13.60	561321.50	
Min	1.80	54.90	90.60	2028.30	9270.40	5335.50	415.10	96.70	27.60	15.20	8.00	4.90	1.80	