

WATER YEAR : 2011**NAN RIVER BASIN****Nan River at Forestry Office , Nan (N.1)**

Lat 18 - 46 - 26 N Long 100 - 46 - 56 E

Location : on right bank in front of Forestry Office.

	Ban Forestry Office	Amphoe Mueang	Changwat Nan
Drainage Area	4,560 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1979-Cont'd		
Actual Measurement	1979-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	36		
R-Square	0.9760		
Remarks	Continued Sediment Station		

$$QS = 0.1270 QW^{1.98160}$$

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	16.70	428.20	998.70	32262.60	43198.70	11278.90	15394.00	1648.40	289.60	120.70	69.60	23.30		
2	13.80	344.10	585.30	23820.50	49077.40	9880.70	25903.50	1350.30	289.60	120.70	69.60	21.50		
3	12.50	200.60	453.90	13088.40	42269.80	7845.00	14834.80	1124.40	279.30	120.70	73.50	21.50		
4	11.20	665.90	616.90	10468.70	27872.10	6418.40	9504.60	1039.80	279.30	114.90	73.50	21.50		
5	10.00	554.50	585.30	7597.40	16252.00	27208.00	7353.70	998.70	269.10	132.70	69.60	21.50		
6	10.00	958.50	1350.30	5257.10	12958.50	35481.10	5883.80	938.60	249.40	132.70	65.80	19.90		
7	23.30	1103.00	4217.20	3843.50	92373.40	39841.80	5136.00	880.40	239.80	126.60	51.60	19.90		
8	355.60	355.60	1622.50	3100.50	91267.90	70103.80	4897.90	824.00	231.60	120.70	36.30	19.90		
9	99.20	223.70	1596.70	2888.40	42578.30	70544.10	4897.90	805.60	223.70	109.40	36.30	18.30		
10	62.10	249.40	1103.00	5136.00	44452.70	36048.10	4551.20	1146.10	223.70	103.80	36.30	18.30		
11	48.30	1545.80	716.80	14973.70	54098.70	20084.20	3791.50	899.60	215.90	99.20	36.30	19.90		
12	39.10	1446.40	539.40	7515.70	41046.90	14696.70	3195.00	751.70	215.90	99.20	42.10	21.50		
13	30.90	699.60	616.90	7762.10	32984.90	11590.50	2816.40	699.60	208.20	94.60	45.20	25.10		
14	23.30	665.90	649.40	58740.30	21646.80	11486.10	2605.80	649.40	208.20	94.60	42.10	25.10		
15	23.30	524.50	509.90	164781.40	15820.10	12192.80	2537.40	601.00	200.60	99.20	39.10	39.10		
16	21.50	585.30	415.70	119411.10	11818.70	13881.00	3100.50	554.50	185.80	114.90	36.30	58.40		
17	18.30	699.60	379.10	165574.50	20598.60	12318.90	2924.80	539.40	178.70	103.80	36.30	45.20		
18	16.70	1571.10	332.90	61997.70	26334.80	33807.00	2370.40	524.50	164.90	90.20	36.30	33.60		
19	12.50	3007.40	379.10	26551.80	29912.20	110604.00	2177.40	509.90	164.90	85.90	36.30	25.10		
20	11.20	2640.40	453.90	31785.50	166369.50	48739.00	1992.50	495.40	158.20	81.70	33.60	19.90		
21	11.20	2675.10	554.50	33257.80	138642.90	72766.10	1844.60	467.10	158.20	77.50	30.90	18.30		
22	12.50	1787.00	441.00	30375.20	169568.30	67922.80	1702.40	441.00	158.20	77.50	28.90	16.70		
23	12.50	842.60	321.80	21824.00	115595.70	31548.20	1571.10	415.70	151.60	73.50	28.90	16.70		
24	18.30	524.50	279.30	36048.10	64926.80	26334.80	1471.00	403.30	151.60	69.60	26.90	15.20		
25	114.90	682.70	1422.10	29912.20	39543.30	18908.90	1350.30	379.10	151.60	65.80	26.90	15.20		
26	171.70	1471.00	181001.80	13614.20	39543.30	16252.00	1326.80	367.20	145.10	65.80	25.10	15.20		
27	85.90	1124.40	324349.50	10074.80	33257.80	21646.80	1303.50	355.60	138.80	65.80	25.10	15.20		
28	58.40	1060.70	312073.40	14422.20	26118.70	14015.30	1303.50	332.90	138.80	62.10	25.10	19.90		
29	65.80	1257.50	178520.60	9596.30	16397.20	10971.60	1190.10	310.90	132.70	62.10	23.30	23.30		
30	65.80	1350.30	42578.30	7845.00	12445.50	9596.30	1326.80	300.20	126.60	65.80		19.90		
31		1422.10		20426.40	11695.20		2924.80		120.70	69.60		18.30		
Total	1476.50	32667.40	1059665.30	993953.10	1550666.80	894013.00	143184.00	20754.30	6050.30	2921.30	1206.80	712.40	4707272.00	Ton
Mean	49.20	1053.80	35322.20	32063.00	50021.50	29800.40	4618.80	691.80	195.20	94.20	41.60	23.00		
Max	355.60	3007.40	324349.50	165574.50	169568.30	110604.00	25903.50	1648.40	289.60	132.70	73.50	58.40	324349.50	
Min	10.00	200.60	279.30	2888.40	11695.20	6418.40	1190.10	300.20	120.70	62.10	23.30	15.20	10.00	