

WATER YEAR : 2011**NAN RIVER BASIN****Nam Phak at Ban Tha Sakae , Phitsanulok (N.55)**

Lat 17 - 15 - 06 N Long 100 - 37 - 53 E

Location : on left bank at the bridge of Nakhon Thai - Chat Trakan Road , Tambon Pa Daeng.

	Ban Tha Sakae	Amphoe Chat Trakan	Changwat Phitsanulok
Drainage Area	971 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1994-Cont'd		
Actual Measurement	1994-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	23		
R-Square	0.8980		
Remarks	Continued Sediment Station		

$$QS = 1.2420 QW^{1.52090}$$

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	4.40	14.40	143.40	121.90	3714.40	1087.20	1159.10	85.00	24.00	10.60	6.30	3.60		
2	4.10	21.40	99.90	92.40	4853.70	924.40	1114.20	80.30	22.90	10.60	5.90	3.60		
3	4.10	24.00	75.60	169.10	3609.40	890.10	1537.30	77.10	22.40	10.20	5.60	3.30		
4	4.10	11.80	74.80	127.40	3531.40	911.70	2095.60	74.00	22.40	10.20	5.60	3.00		
5	3.80	9.80	70.20	100.80	2710.30	821.00	2014.30	69.50	21.90	9.80	6.60	3.30		
6	3.80	16.10	62.90	77.90	2054.80	1100.70	1653.50	68.00	19.90	9.50	8.30	3.30		
7	4.70	26.10	55.10	62.10	1866.60	1264.90	1342.60	63.60	16.60	9.10	7.30	3.30		
8	5.60	15.70	42.50	52.30	1214.60	1159.10	1024.40	59.30	19.00	8.70	6.90	3.60		
9	5.00	10.60	36.90	47.00	983.20	1200.60	840.30	57.20	19.90	8.70	5.60	3.60		
10	5.60	9.80	35.10	42.50	770.90	1806.80	657.70	54.40	19.40	8.70	5.00	3.30		
11	5.60	9.10	31.60	39.30	1242.60	1806.80	502.90	53.00	18.50	8.70	5.00	4.70		
12	5.30	8.00	38.10	35.10	1765.70	1546.00	410.10	49.00	16.60	8.70	5.00	7.60		
13	5.60	8.00	51.00	34.50	1684.70	1409.30	408.70	49.00	15.70	8.00	5.60	7.30		
14	5.60	8.30	78.70	40.60	1451.50	1451.50	324.00	41.80	15.70	8.30	5.00	6.60		
15	5.30	11.80	75.60	143.40	1106.50	1635.80	355.00	41.20	16.10	8.70	4.40	5.60		
16	5.00	36.30	81.00	159.00	886.50	2621.50	440.80	39.30	16.60	8.30	4.10	4.70		
17	5.00	48.30	111.10	127.40	845.60	2293.60	305.20	40.00	15.70	7.30	3.80	4.70		
18	5.00	29.90	183.50	128.30	1214.60	1765.70	279.40	38.10	15.20	7.30	3.60	4.40		
19	3.80	53.70	113.80	140.50	1342.60	1426.10	229.20	37.50	16.60	7.60	3.00	7.30		
20	5.60	176.30	68.00	143.40	1417.70	1186.70	236.00	36.30	13.50	7.30	3.80	6.60		
21	5.30	91.50	49.00	162.00	2182.80	1125.90	259.20	35.10	12.20	8.70	4.10	3.80		
22	4.40	54.40	43.70	183.50	2451.90	1359.20	190.90	34.50	13.10	11.00	3.80	4.40		
23	5.00	36.90	36.90	175.20	1974.00	1206.60	165.00	33.30	13.50	10.20	3.80	5.00		
24	8.00	26.60	31.60	273.40	1528.60	1222.60	151.10	30.50	13.10	9.10	3.80	4.70		
25	14.40	19.90	28.80	266.20	1172.90	1062.30	137.70	29.90	12.70	10.20	3.60	4.40		
26	8.70	24.00	49.00	216.90	1228.60	970.20	126.50	27.70	11.80	6.60	3.60	3.00		
27	7.60	33.30	425.30	258.00	1214.60	826.20	121.90	26.60	11.40	5.90	3.60	3.00		
28	6.30	154.10	489.60	223.60	1192.70	1094.90	115.60	25.50	11.00	5.60	3.80	3.30		
29	6.60	161.00	410.10	272.20	1056.60	1451.50	106.80	24.00	10.20	5.60	3.60	3.30		
30	12.70	223.60	193.00	197.30	779.40	1375.80	96.50	22.40	9.80	6.30	3.00	3.00		
31		263.90		312.70	890.10		91.50		9.80	6.30	3.00	3.00		
Total	176.00	1638.60	3285.80	4425.90	53939.50	40004.70	18493.00	1403.10	497.20	261.80	140.10	134.30	124400.00	Ton
Mean	5.90	52.90	109.50	142.80	1740.00	1333.50	596.50	46.80	16.00	8.40	4.80	4.30		
Max	14.40	263.90	489.60	312.70	4853.70	2621.50	2095.60	85.00	24.00	11.00	8.30	7.60	4853.70	
Min	3.80	8.00	28.80	34.50	770.90	821.00	91.50	22.40	9.80	5.60	3.00	3.00	3.00	