

WATER YEAR : 2011**NAN RIVER BASIN****Nam Khwae Noi at Ban Nong Krathao , Phitsanulok (N.36)**

Lat 17 - 04 - 59 N Long 100 - 49 - 44 E

Location : on left bank about 50 meters upstream from the bridge along Lom Sak - Nakhon Thai Road, Tambon Nong Krathao.

	Ban Nong Krathao	Amphoe Nakhon Thai	Changwat Phitsanulok
Drainage Area	1,710 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2000-Cont'd		
Actual Measurement	2000-Cont'd		
Using Rating Curve Water Year	2000-2011		
Number of observation	168		
R-Square	0.7848		
Remarks	Continued Sediment Station		

$$QS = 4.7680 QW^{1.36040}$$

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	29.30	355.70	1371.90	987.00	2685.90	6436.60	5028.20	269.30	84.80	38.00	31.40	20.30		
2	29.30	413.80	780.20	1543.10	7509.50	6175.40	4566.50	259.90	52.10	34.70	33.60	21.30		
3	26.20	258.00	454.50	1636.90	7969.20	6262.10	6878.30	235.90	49.70	38.00	41.40	27.20		
4	27.20	300.00	534.30	1418.60	6878.30	7876.70	9448.60	219.60	52.10	35.80	50.90	26.20		
5	23.20	543.40	582.40	1450.90	5379.90	6262.10	6967.60	191.50	49.70	36.90	57.10	24.20		
6	30.40	394.80	465.40	987.00	4016.10	7057.20	5309.10	186.40	46.10	36.90	43.70	24.20		
7	27.20	378.20	641.10	636.30	2996.10	9332.40	4566.50	179.50	43.70	36.90	44.90	23.20		
8	29.30	367.90	424.40	456.60	2428.80	8986.30	3093.00	167.80	42.60	36.90	39.10	22.20		
9	39.10	575.50	321.50	378.20	2188.60	8304.70	2469.50	151.30	41.40	35.80	32.50	21.30		
10	22.20	339.50	300.00	361.80	1913.80	7969.20	2080.70	144.90	41.40	32.50	30.40	22.20		
11	36.90	280.70	225.00	378.20	1929.70	7509.50	1679.60	140.10	49.70	32.50	27.20	43.70		
12	62.10	296.10	367.90	305.80	2459.30	6101.90	1430.30	133.80	38.00	32.50	27.20	54.60		
13	39.10	140.10	1067.80	296.10	2703.30	6436.60	1342.90	138.50	36.90	33.60	26.20	55.80		
14	35.80	269.30	910.60	370.00	2575.30	7327.70	1591.30	129.10	36.90	33.60	26.20	53.30		
15	30.40	399.00	660.20	790.20	2348.00	7692.60	1850.50	126.00	41.40	33.60	25.20	52.10		
16	29.30	245.10	394.80	1392.20	2071.00	7876.70	1907.40	121.40	39.10	35.80	23.20	52.10		
17	29.30	146.50	718.30	1766.10	1901.10	10425.90	1392.20	100.50	42.60	33.60	22.20	52.10		
18	21.30	144.90	1673.50	1220.10	2459.30	9101.30	928.90	97.60	43.70	30.40	19.30	52.10		
19	24.20	382.30	2152.50	1543.10	3219.90	6967.60	755.30	97.60	39.10	28.30	19.30	50.90		
20	32.50	1615.60	1564.20	2685.90	4889.30	5665.80	691.50	97.60	36.90	28.30	19.30	49.70		
21	34.70	2530.80	992.30	2428.80	8192.50	4566.50	631.60	90.50	39.10	36.90	15.70	49.70		
22	15.70	1652.10	650.60	2234.80	6878.30	4690.90	641.10	89.00	38.00	42.60	13.90	49.70		
23	18.40	428.60	478.50	2087.20	5737.90	5379.90	532.00	87.60	38.00	49.70	15.70	46.10		
24	32.50	212.50	347.60	1850.50	4820.20	5451.00	494.00	84.80	39.10	39.10	18.40	39.10		
25	47.30	378.20	345.50	1621.60	3381.30	5028.20	445.80	78.00	42.60	36.90	23.20	34.70		
26	44.90	450.10	1325.50	1679.60	2647.70	4502.70	394.80	71.30	39.10	34.70	21.30	27.20		
27	43.70	686.60	2172.10	2025.70	2479.70	4316.50	370.00	68.60	38.00	28.30	21.30	19.30		
28	41.40	547.90	2080.70	1948.80	2291.20	7237.20	333.50	73.90	38.00	28.30	23.20	19.30		
29	55.80	1923.30	1735.10	1929.70	1828.60	7876.70	305.80	73.90	39.10	31.40	24.20	14.80		
30	130.70	2208.30	1245.50	1652.10	2271.20	6524.30	305.80	86.20	38.00	31.40		21.30		
31		1766.10		1161.30	5665.80		278.80		38.00	31.40		21.30		
Total	1089.40	20630.90	26983.90	41224.20	116716.80	205342.20	68711.10	3992.10	1334.90	1075.30	817.20	1091.20	489009.30	Ton
Mean	36.30	665.50	899.50	1329.80	3765.10	6844.70	2216.50	133.10	43.10	34.70	28.20	35.20		
Max	130.70	2530.80	2172.10	2685.90	8192.50	10425.90	9448.60	269.30	84.80	49.70	57.10	55.80	10425.90	
Min	15.70	140.10	225.00	296.10	1828.60	4316.50	278.80	68.60	36.90	28.30	13.90	14.80	13.90	