

WATER YEAR : 2011**CHI RIVER BASIN****Nam Yang at Ban Kaeng Yao , Kalasin (E.54)**

Lat 16 - 26 - 28 N Long 104 - 02 - 05 E

Location : on left bank at Ban Kaeng Yao about 2 kilometers downstream from proposed of USBR Damsite.

	Ban	Kaeng Yao	Amphoe	Kuchinarai	Changwat	Kalasin
Drainage Area	1,548	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1998-Cont'd					
Actual Measurement	1998-Cont'd					
Using Rating Curve Water Year	2007-2011					
Number of observation	91					
R-Square	0.8630					
Remarks	Continued Sediment Station					

$$QS = 6.3666 QW^{1.16980}$$

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	0.00	0.00	113.10	54.40	1211.80	1507.00	372.70	107.50	35.10	35.10	0.00	19.30		
2	0.00	0.00	113.10	59.40	2049.00	1869.40	356.40	107.50	35.10	35.10	0.00	19.30		
3	0.00	0.00	107.50	80.10	2979.30	1857.50	871.20	107.50	35.10	15.60	0.00	19.30		
4	0.00	0.00	107.50	148.00	2402.70	2501.70	945.40	96.30	35.10	12.00	0.00	19.30		
5	0.00	0.00	107.50	223.70	1546.90	4332.10	816.10	96.30	35.10	12.00	0.00	19.30		
6	0.00	0.00	101.90	249.90	825.20	4992.50	540.60	96.30	35.10	0.00	0.00	19.30		
7	0.00	0.00	96.30	185.30	463.90	4377.60	422.10	96.30	35.10	0.00	0.00	19.30		
8	0.00	0.00	90.80	96.30	1001.70	3261.20	340.30	90.80	35.10	0.00	0.00	19.30		
9	0.00	0.00	85.40	64.50	2814.60	3507.50	276.70	85.40	35.10	0.00	12.00	19.30		
10	0.00	0.00	80.10	85.40	6110.70	5586.80	217.20	85.40	35.10	0.00	12.00	19.30		
11	0.00	0.00	80.10	154.10	6367.10	5539.60	204.40	80.10	35.10	0.00	19.30	19.30		
12	0.00	0.00	80.10	166.50	5460.90	4853.20	210.80	74.80	35.10	0.00	23.10	19.30		
13	0.00	0.00	80.10	166.50	3196.80	4271.30	333.10	64.50	35.10	0.00	27.00	19.30		
14	0.00	0.00	85.40	204.40	1762.80	3507.50	779.60	64.50	35.10	0.00	27.00	19.30		
15	0.00	39.80	85.40	297.70	1507.00	3055.80	1134.70	64.50	35.10	0.00	27.00	19.30		
16	0.00	113.10	90.80	333.10	1845.60	2538.90	1125.20	54.40	35.10	0.00	23.10	19.30		
17	0.00	118.80	74.80	405.50	2551.40	1881.30	899.00	54.40	35.10	0.00	23.10	19.30		
18	0.00	118.80	64.50	455.50	3351.60	1567.10	636.40	54.40	35.10	0.00	23.10	19.30		
19	0.00	118.80	54.40	413.80	4791.40	1497.00	438.80	54.40	35.10	0.00	19.30	19.30		
20	0.00	118.80	54.40	290.70	7063.40	1688.40	356.40	54.40	35.10	0.00	19.30	19.30		
21	0.00	118.80	54.40	236.70	7145.10	1833.70	283.70	54.40	35.10	0.00	19.30	19.30		
22	0.00	118.80	49.50	662.90	6447.60	2145.70	217.20	44.60	35.10	0.00	19.30	19.30		
23	0.00	118.80	39.80	438.80	3894.70	2279.80	179.00	44.60	35.10	0.00	19.30	19.30		
24	0.00	118.80	31.00	1546.90	2218.70	1647.80	179.00	44.60	35.10	0.00	19.30	19.30		
25	0.00	118.80	19.30	2133.60	1377.90	1163.50	172.70	44.60	35.10	0.00	19.30	19.30		
26	0.00	118.80	12.00	2941.20	899.00	752.50	166.50	44.60	35.10	0.00	19.30	19.30		
27	0.00	118.80	5.30	2514.10	698.60	531.90	154.10	44.60	35.10	0.00	19.30	19.30		
28	0.00	118.80	5.30	1739.20	645.20	506.20	136.00	44.60	35.10	0.00	19.30	19.30		
29	0.00	118.80	2.40	1507.00	447.20	489.30	118.80	44.60	35.10	0.00	19.30	19.30		
30	0.00	118.80	5.30	1058.40	413.80	438.80	118.80	44.60	35.10	0.00	19.30	19.30		
31		113.10		982.90	908.10		118.80		35.10	0.00		19.30		
Total	0.00	1929.20	1977.50	19896.50	84399.70	75982.60	13121.70	2045.50	1088.10	109.80	429.00	598.30	201577.90	Ton
Mean	0.00	62.20	65.90	641.80	2722.60	2532.80	423.30	68.20	35.10	3.50	14.80	19.30		
Max	0.00	118.80	113.10	2941.20	7145.10	5586.80	1134.70	107.50	35.10	35.10	27.00	19.30	7145.10	
Min	0.00	0.00	2.40	54.40	413.80	438.80	118.80	44.60	35.10	0.00	0.00	19.30	0.00	