

WATER YEAR : 2011**TAPI RIVER BASIN****Khlong Sin Pun at Ban Bang Rup , Surat Thani (X.198)**

Lat 08 - 24 - 24 N Long 99 - 15 - 05 E

Location : on right bank at Ban Bang Rup.

	Ban	Bang Rup	Amphoe	Phrasaeng	Changwat	Surat Thani
Drainage Area	866	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	2007-Cont'd					
Actual Measurement	2007-Cont'd					
Using Rating Curve Water Year	2011					
Number of observation	23					
R-Square	0.7240					
Remarks	Continued Sediment Station					

$$QS = 7.5565 QW^{1.25690}$$

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	6252.80	238.80	65.90	54.00	755.30	1077.50	702.20	208.40	297.00	93.50	126.50	33.20		
2	5607.50	299.40	65.90	50.00	868.90	1177.40	740.70	208.40	272.30	203.40	178.60	32.60		
3	4847.10	231.10	65.90	40.50	578.60	1190.20	755.30	205.00	301.90	721.40	159.20	32.60		
4	4204.20	206.70	65.90	36.50	272.30	665.90	716.60	346.70	371.20	954.90	107.70	32.00		
5	3668.80	195.00	65.90	36.50	113.00	563.00	627.70	346.70	627.70	1020.30	81.80	30.70		
6	3265.30	185.10	65.90	33.20	50.00	299.40	559.10	379.40	849.00	874.00	71.10	49.30		
7	3021.60	188.40	86.10	30.10	50.00	250.70	547.50	376.60	894.10	466.90	63.50	186.70		
8	2769.20	219.70	128.00	30.10	61.80	236.80	991.90	382.10	745.60	304.30	57.80	173.70		
9	2557.90	323.80	125.00	29.40	69.00	223.50	1257.40	432.30	346.70	221.60	54.70	134.10		
10	2372.80	376.60	113.00	26.90	71.10	217.80	1066.00	438.40	276.70	164.00	51.60	145.00		
11	1845.30	349.40	113.00	25.70	74.30	352.10	755.30	476.90	326.30	126.50	48.00	92.20		
12	1551.80	248.60	113.00	160.80	76.40	627.70	687.80	543.60	354.80	105.10	45.20	64.30		
13	1120.10	200.00	113.00	227.30	81.80	1008.90	598.30	711.80	278.80	109.00	43.80	44.50		
14	721.40	173.70	128.00	376.60	71.10	1083.30	547.50	794.50	191.70	120.40	43.20	36.50		
15	528.20	164.00	128.00	640.40	68.00	1158.20	510.40	674.50	140.30	255.00	40.50	34.50		
16	326.30	206.70	132.60	819.10	65.90	1222.30	447.60	687.80	148.10	272.30	38.50	33.90		
17	270.10	261.50	103.80	868.90	65.90	1264.40	365.70	740.70	246.50	373.90	41.80	32.60		
18	344.00	287.60	120.40	919.30	114.40	1107.50	289.80	707.00	352.10	627.70	45.20	114.40		
19	687.80	321.40	159.20	929.50	146.60	1037.40	238.80	423.20	349.40	590.40	70.00	170.40		
20	707.00	631.90	159.20	929.50	183.50	657.40	219.70	244.50	278.80	707.00	121.90	287.60		
21	623.50	582.60	146.60	894.10	268.00	623.50	311.60	203.40	188.40	517.10	223.50	390.40		
22	396.20	306.70	132.60	687.80	338.60	631.90	261.50	227.30	146.60	510.40	168.80	221.60		
23	180.20	246.50	118.90	528.20	420.20	304.30	229.20	423.20	148.10	447.60	69.00	71.10		
24	167.20	206.70	107.70	281.00	441.50	289.80	186.70	697.40	215.90	341.30	48.00	45.90		
25	167.20	183.50	79.60	208.40	294.60	294.60	137.20	894.10	432.30	227.30	41.80	43.80		
26	178.60	148.10	69.00	365.70	246.50	299.40	154.40	954.90	408.20	146.60	38.50	53.10		
27	227.30	77.50	60.30	570.80	309.10	309.10	272.30	1003.20	281.00	134.10	35.20	45.20		
28	215.90	82.80	59.40	610.90	636.10	341.30	299.40	1026.00	206.70	98.60	33.20	89.70		
29	185.10	89.70	58.60	615.10	929.50	524.30	294.60	849.00	156.00	81.80	43.80	56.30		
30	167.20	81.80	57.80	602.50	1043.10	670.20	240.70	480.20	118.90	96.10		91.00		
31		73.20		610.90	965.20		225.40		94.80	175.30		156.00		
Total	49177.60	7388.50	3008.20	12239.70	9730.30	19709.80	15238.30	16087.20	10045.90	11087.80	2192.40	3024.90	158930.60	Ton
Mean	1639.30	238.30	100.30	394.80	313.90	657.00	491.60	536.20	324.10	357.70	75.60	97.60		
Max	6252.80	631.90	159.20	929.50	1043.10	1264.40	1257.40	1026.00	894.10	1020.30	223.50	390.40	6252.80	
Min	167.20	73.20	57.80	25.70	50.00	217.80	137.20	203.40	94.80	81.80	33.20	30.70	25.70	