

WATER YEAR : 2011**TAPI RIVER BASIN****Tapi River at Ban Yan Din Daeng , Surat Thani (X.37A)**

Lat 08 - 34 - 03 N Long 99 - 15 - 15 E

Location : on left bank at Tambon Yan Din Daeng.

	Ban	Yan Din Daeng	Amphoe	Phrasaeng	Changwat	Surat Thani
Drainage Area	5,383	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1996-Cont'd					
Actual Measurement	1996-Cont'd					
Using Rating Curve Water Year	2011					
Number of observation	20					
R-Square	0.8093					
Remarks	Continued Sediment Station					

$$QS = 0.3973 QW^{1.75150}$$

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	75538.50	2003.00	1499.70	707.30	5272.30	11306.10	9022.80	3297.40	8245.10	2303.50	3793.70	531.50		
2	54546.50	2320.80	2407.70	668.90	4842.70	11511.00	9980.50	3002.50	7019.40	2658.30	4200.10	504.30		
3	41651.20	2372.80	2803.20	638.80	4379.70	10700.80	10767.30	2549.60	6973.20	6789.90	3737.10	471.20		
4	34177.20	2390.20	2913.20	638.80	3652.90	9365.30	11306.10	2496.00	7655.20	10174.80	3002.50	453.20		
5	29007.50	2759.70	2585.60	602.10	2513.80	7708.00	11442.60	2825.10	8685.80	12559.30	2407.70	443.30		
6	25197.00	3138.70	2286.40	552.30	1705.60	5819.50	11306.10	3217.60	9723.90	14367.70	2019.30	646.30		
7	21799.10	2957.70	1970.80	504.30	1225.50	4170.50	11374.20	3070.30	10045.00	14449.50	1812.80	855.80		
8	19882.70	2658.30	1735.90	464.70	981.30	3138.70	11648.60	2781.40	9422.90	13134.40	1557.40	1528.40		
9	18727.10	2320.80	1875.30	438.30	827.90	2549.60	11648.60	2658.30	7867.50	11170.40	1359.60	2407.70		
10	17464.40	2460.50	1922.80	418.80	722.90	2390.20	11306.10	2567.60	6121.30	8853.60	1199.40	2803.20		
11	15870.50	3138.70	1812.80	414.00	684.10	4289.50	10767.30	2585.60	5017.50	6563.70	1082.80	2695.00		
12	14286.10	3486.90	2051.90	418.80	730.80	7205.30	10109.80	2338.00	4624.20	4779.90	991.30	2101.20		
13	13352.90	3191.20	2425.20	545.30	846.50	9136.40	9787.70	2496.00	4379.70	3793.70	912.80	1160.60		
14	12205.60	2738.10	2355.40	1387.20	1062.20	11786.80	10305.20	3351.10	3708.90	3597.20	865.20	764.30		
15	10834.10	2425.20	2051.90	3191.20	1225.50	14286.10	10305.20	3793.70	2716.50	4082.20	800.40	653.80		
16	9422.90	2003.00	1828.30	4874.30	1542.90	14204.70	9596.70	3850.70	2513.80	5819.50	746.60	624.00		
17	8136.40	1720.70	1828.30	5692.10	1922.80	13061.90	8464.20	3680.80	3850.70	7065.70	707.30	517.80		
18	6881.30	1875.30	1812.80	5570.20	1720.70	11648.60	7019.40	2869.00	5053.60	8245.10	800.40	538.40		
19	6164.90	2425.20	2390.20	4349.60	1586.50	9980.50	5692.10	2184.50	5309.20	8853.60	1332.30	722.90		
20	6208.70	3093.00	3244.10	3164.90	1675.50	9022.80	4811.30	1528.40	5126.10	9480.70	2496.00	1001.30		
21	6208.70	3765.30	2781.40	2286.40	2084.70	9079.50	3822.10	1278.40	4289.50	10502.20	3297.40	1011.30		
22	5862.20	3737.10	2003.00	1428.90	2390.20	9193.40	3597.20	1471.20	3244.10	11306.10	2513.80	893.60		
23	4945.70	3115.80	1485.40	1001.30	3514.30	8853.60	3324.20	2567.60	2891.10	11579.70	1485.40	609.40		
24	3994.70	2303.50	1318.70	981.30	4501.20	7655.20	2781.40	4289.50	3324.20	11170.40	1011.30	433.40		
25	3244.10	1875.30	1735.90	1147.90	4842.70	6429.60	2338.00	5457.70	4082.20	9980.50	855.80	371.80		
26	2738.10	1675.50	1514.00	1616.00	4531.80	5819.50	2167.80	6653.80	5570.20	8630.20	722.90	362.70		
27	2640.10	1751.20	1093.20	2303.50	4655.10	5495.10	2407.70	7158.60	5734.40	7112.10	587.70	423.70		
28	2640.10	1542.90	903.20	2478.20	6296.70	5570.20	2913.20	7761.00	5199.00	5272.30	524.60	477.70		
29	2320.80	1318.70	791.30	3191.20	8190.70	6518.90	3191.20	8464.20	4379.70	3652.90	517.80	594.90		
30	1986.90	1124.60	730.80	4779.90	9538.60	7867.50	3093.00	8966.30	3378.10	2913.20		573.40		
31		1124.60		5495.10	10370.70		3164.90		2640.10	3138.70		573.40		
Total	477935.90	74814.30	58158.40	61951.60	100038.80	245764.80	229462.50	111211.90	168792.10	244001.00	47341.40	27749.50	1847222.30	Ton
Mean	15931.20	2413.40	1938.60	1998.40	3227.10	8192.20	7402.00	3707.10	5444.90	7871.00	1632.50	895.10		
Max	75538.50	3765.30	3244.10	5692.10	10370.70	14286.10	11648.60	8966.30	10045.00	14449.50	4200.10	2803.20	75538.50	
Min	1986.90	1124.60	730.80	414.00	684.10	2390.20	2167.80	1278.40	2513.80	2303.50	517.80	362.70	362.70	