

WATER YEAR : 2011**TAPI RIVER BASIN****Lower Khlong I - Pan at Ban Arpart , Surat Thani (X.260)**

Lat 08 - 32 - 28 N Long 99 - 13 - 25 E

Location : on left bank at Ban Arpart.

	Ban Arpart	Amphoe Phrasaeng	Changwat Surat Thani
Drainage Area	2,076 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2009-Cont'd		
Actual Measurement	2009-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	22		
R-Square	0.7029		
Remarks	Continued Sediment Station		

$$QS = 6.1445 QW^{1.38390}$$

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	25575.60	711.80	345.80	244.00	1689.90	4875.20	4500.00	3515.50	3360.50	1413.90	1675.80	784.30		
2	23191.80	504.10	792.50	223.00	1402.40	4553.10	4983.90	2689.30	5341.80	1979.00	1413.90	731.00		
3	20481.70	476.60	1164.80	244.00	1266.20	3831.00	5593.50	1508.90	8891.50	2561.50	1437.00	699.20		
4	17403.20	603.70	1536.40	236.90	883.90	1818.40	5734.70	800.70	9277.90	2907.60	1876.40	743.80		
5	14763.10	743.80	808.90	209.30	579.50	1704.00	5791.50	1021.70	7983.00	3078.00	2276.00	743.80		
6	12377.70	743.80	618.30	184.80	392.40	1390.90	5565.40	1266.20	6534.50	3294.70	1876.40	1345.20		
7	9945.10	737.40	546.20	136.50	296.20	1174.00	5397.40	1119.60	5203.30	3560.10	1775.30	1633.60		
8	8320.50	776.20	490.30	148.70	244.00	1174.00	5425.30	808.90	3876.70	3808.20	1437.00	3035.20		
9	7138.50	724.60	636.70	128.50	200.30	1229.10	5537.30	1083.70	2670.90	4713.40	1333.80	4159.20		
10	6664.10	613.40	642.90	134.50	200.30	1675.80	4983.90	1030.50	1761.00	5065.90	1057.00	5038.50		
11	5848.40	667.70	608.60	126.60	195.80	2616.10	4526.50	995.40	1536.40	4713.40	792.50	4159.20		
12	5453.30	969.40	759.90	165.40	345.80	4263.30	4500.00	978.00	1437.00	4956.70	731.00	3272.90		
13	4821.10	1012.90	630.60	463.00	467.60	6164.20	4159.20	1057.00	1277.40	5230.90	560.40	1460.20		
14	4500.00	833.70	613.40	995.40	485.80	9394.70	4037.80	1155.70	1288.60	5065.90	322.40	1210.60		
15	4133.30	705.50	630.60	1775.30	546.20	9511.90	4133.30	1460.20	1495.20	4686.60	449.60	995.40		
16	4014.70	589.20	655.30	2399.80	485.80	8509.60	3515.50	1876.40	1550.20	4420.70	784.30	1804.00		
17	3785.50	508.80	661.50	2543.40	427.30	7174.70	2689.30	2085.30	1732.40	4037.80	768.00	1483.50		
18	3627.30	661.50	737.40	1647.60	454.00	5203.30	2241.00	1522.60	1732.40	3808.20	711.80	1247.60		
19	3164.20	867.10	699.20	1266.20	485.80	4821.10	2241.00	960.70	1495.20	3560.10	699.20	1057.00		
20	2561.50	960.70	613.40	883.90	527.40	5120.70	1775.30	680.30	1128.60	3338.50	737.40	909.30		
21	1905.60	1092.60	579.50	589.20	618.30	4821.10	1495.20	550.90	1299.90	2823.50	817.20	792.50		
22	1425.40	1004.20	570.00	345.80	692.80	4500.00	1379.40	522.70	833.70	2328.80	667.70	724.60		
23	1201.40	842.00	508.80	339.10	1288.60	4740.20	1379.40	1256.90	842.00	1949.50	532.10	579.50		
24	1083.70	603.70	494.90	405.40	1564.00	4983.90	1039.30	1413.90	737.40	1732.40	396.80	630.60		
25	960.70	490.30	630.60	449.60	1789.60	4473.50	883.90	1775.30	603.70	1605.70	508.80	476.60		
26	943.50	422.90	618.30	513.40	1979.00	3876.70	724.60	2417.60	598.80	1718.20	518.10	481.20		
27	943.50	458.50	375.30	598.80	2652.60	3382.50	680.30	2311.20	768.00	1832.90	319.10	768.00		
28	900.80	388.10	263.10	759.90	3831.00	2634.30	692.80	2364.20	892.40	1718.20	246.30	458.50		
29	900.80	277.60	251.10	1471.90	4211.10	2763.10	718.20	2726.10	1039.30	1390.90	229.90	251.10		
30	892.40	272.80	251.10	2276.00	5120.70	3493.20	768.00	2471.30	1164.80	1356.50		209.30		
31		270.30		2241.00	5093.30		1174.00		1183.10	1564.00		200.30		
Total	198928.40	20534.90	18735.40	24146.90	40417.60	125873.60	98266.90	45426.70	79537.60	96221.70	26951.20	42085.70	817126.60	Ton
Mean	6630.90	662.40	624.50	778.90	1303.80	4195.80	3169.90	1514.20	2565.70	3103.90	929.40	1357.60		
Max	25575.60	1092.60	1536.40	2543.40	5120.70	9511.90	5791.50	3515.50	9277.90	5230.90	2276.00	5038.50	25575.60	
Min	892.40	270.30	251.10	126.60	195.80	1174.00	680.30	522.70	598.80	1356.50	229.90	200.30	126.60	