

**WATER YEAR 2023**

**UPPER PENINSULA EAST COAST**

Tapi River at Ban Yan Din Daeng , Surat Thani ( X.37A )

Location Lat08° - 34' - 03" N., Long.99° - 15' - 15" E., Amphoe Phrasaeng, Surat thani  
 Drainage Area 5397.28 sq. km.  
 Method of Sampling Depth Integrating  
 Instrument Used US DH - 48  
 Period of Available Records 1990 - Cont' d  
 Actual Measurement 1990 - 1992 , 1994 - 2000 , 2002 , 2007 - Cont' d  
 Using Rating Curve Water Year 2023  
 Number of observation 28  
 R - Square 0.8025  
 Remarks Continued Sediment Station

QS = 1.1721 QW1.3097

Water Year - 2023

Suspended Sediment, in Tons per Day, Water Year April 1, 2023 to March 31, 2024

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	70.58	95.14	146.71	148.88	575.96	440.58	1969.52	2387.15	2841.29	542.96	164.27	72.41	9455.44
2	77.95	89.32	162.05	376.26	612.79	569.32	1643.92	2270.63	2819.01	507.20	153.24	70.58	9352.28
3	72.41	68.77	182.27	889.74	722.87	1130.96	1369.55	2287.19	2819.01	465.69	142.40	68.77	10219.65
4	65.17	63.39	177.73	938.67	743.99	1490.68	1225.42	2254.10	2807.89	425.05	135.99	68.77	10396.84
5	79.82	66.96	170.97	670.74	674.18	1608.25	1089.05	2127.40	2732.26	403.53	129.65	66.96	9819.77
6	81.70	63.39	168.73	487.94	533.15	1572.75	1033.76	1998.01	2595.74	415.79	123.38	74.25	9148.58
7	74.25	91.25	219.56	305.84	409.65	1324.45	1177.97	1828.53	2454.35	388.32	117.18	74.25	8465.59
8	72.41	115.13	266.42	260.89	355.37	1042.93	1341.07	1691.78	2312.09	355.37	113.09	61.62	7988.16
9	72.41	101.04	373.26	361.31	415.79	837.09	1467.42	1685.78	2192.82	340.62	111.06	52.96	8011.55
10	61.62	155.43	397.43	619.54	549.52	768.79	1341.07	1776.30	2055.28	328.93	109.04	46.26	8209.22
11	54.67	300.13	355.37	743.99	667.29	789.50	1168.53	1919.89	1800.63	328.93	105.02	44.62	8278.55
12	54.67	226.73	394.39	715.87	824.04	898.59	1159.11	1969.52	1549.20	326.02	99.06	47.92	8265.11
13	52.96	138.12	391.35	556.10	811.05	858.94	1266.89	1919.89	1313.94	314.45	97.10	49.58	7770.37
14	51.27	91.25	323.12	415.79	798.10	740.46	1572.75	1800.63	1196.89	300.13	95.14	52.96	7438.48
15	47.92	70.58	266.42	314.45	1047.52	684.55	1703.80	1655.86	1163.82	274.75	95.14	56.39	7381.18
16	46.26	63.39	229.13	263.65	1584.56	667.29	2019.44	1566.86	1079.79	251.02	93.19	61.62	7926.21
17	44.62	66.96	212.45	280.35	1941.12	776.63	2127.40	1549.20	970.13	260.89	91.25	68.77	8389.77
18	43.00	66.96	200.71	280.35	2076.86	872.11	2312.09	1661.83	885.33	280.35	85.49	83.59	8848.66
19	46.26	85.49	200.71	260.89	1998.01	845.81	2505.04	1998.01	785.20	251.02	79.82	70.58	9126.84
20	44.62	79.82	198.38	421.96	1739.96	815.37	2616.64	2254.10	789.50	233.96	79.82	65.17	9339.30
21	39.79	81.70	193.75	850.18	1473.22	983.68	2585.31	2320.40	740.46	229.13	95.14	61.62	9654.38
22	39.79	87.40	177.73	1154.41	1240.93	1496.50	2513.51	2170.96	650.14	349.45	97.10	63.39	10041.30
23	41.38	95.14	155.43	1455.82	1056.71	1842.51	2530.47	1934.04	595.98	294.44	89.32	63.39	10154.64
24	47.92	111.06	140.25	1632.01	867.71	2012.29	2555.96	1758.11	569.32	226.73	87.40	63.39	10072.17
25	89.32	109.04	127.55	1643.92	719.37	2091.27	2585.31	1608.25	546.24	214.81	93.19	63.39	9891.66
26	105.02	87.40	129.65	1602.32	612.79	2040.93	2521.99	1584.56	691.48	212.45	85.49	93.19	9767.25
27	91.25	91.25	133.87	1409.65	539.68	2076.86	2585.31	1891.67	785.20	323.12	79.82	85.49	10093.16
28	65.17	111.06	135.99	1116.95	595.98	2207.41	2679.56	2312.09	684.55	280.35	76.09	61.62	10326.82
29	51.27	119.24	129.65	854.56	549.52	2295.49	2658.54	2606.19	595.98	226.73	74.25	56.39	10217.79
30	54.67	138.12	129.65	684.55	494.34	2214.72	2648.05	2796.78	542.96	198.38		54.67	9956.88
31		146.71		575.96	456.24		2555.96		536.41	177.73		56.39	4505.41
Total	1840.13	3277.39	6490.65	22293.52	27688.27	37996.71	60530.40	59585.71	44102.89	9728.27	2998.11	1980.96	278513.01
Mean	61.34	105.72	216.36	719.15	893.17	1266.56	1952.59	1986.19	1422.67	313.82	103.38	63.90	758.74
Max	105.02	300.13	397.43	1643.92	2076.86	2295.49	2679.56	2796.78	2841.29	542.96	164.27	93.19	2841.29
Min	39.79	63.39	127.55	148.88	355.37	440.58	1033.76	1549.20	536.41	177.73	74.25	44.62	39.79

Stop - Program terminated.