

UPPER PENINSULA EAST COAST

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

Location Lat.08° - 34' - 03" N., Long.99° - 15' - 15" E., Amphoe Phrasaeng, Surat thani

Drainage Area	5397.28	sq. km.
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Method of Sampling	Depth Integrating
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Instrument Used	US DH - 48
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Period of Available Records	1990 - Cont' d
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Actual Measurement 1990 - 1992 , 1994 - 2000 , 2002 , 2007 - Cont' d

Using Rating Curve Water Year 2024

Number of observation 26

R - Square	0.7636
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Remarks	Continued Sediment Station
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$$QS = 8.8095 \quad QW0.9502$$

Water Year - 2024

Suspended Sediment, in Tons per Day, Water Year April 1, 2024 to March 31, 2025

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	154.65	111.08	134.41	409.54	756.86	865.84	1867.86	885.57	1991.24	1296.64	372.49	1087.57	9933.76
2	183.69	105.21	128.60	424.93	630.34	713.71	1675.46	878.99	2064.26	1157.05	356.99	888.86	9208.08
3	160.41	105.21	171.89	341.46	536.26	663.75	1539.10	1016.56	2041.62	1033.85	347.68	717.04	8674.83
4	134.41	96.37	186.90	263.21	502.46	677.09	1507.79	1168.71	1889.35	941.36	335.24	603.54	8306.43
5	125.69	96.37	151.77	228.40	616.95	707.06	1521.21	1331.74	1660.20	878.99	329.01	532.89	8180.27
6	125.69	87.48	125.69	247.42	713.71	713.71	1486.05	1452.76	1452.76	842.78	319.65	473.97	8041.67
7	122.77	90.45	108.14	272.66	750.23	783.35	1583.77	1570.38	1296.64	799.88	307.16	418.78	8104.21
8	116.93	84.51	96.37	263.21	720.36	947.91	1787.17	1665.28	1153.16	756.86	288.37	375.58	8255.70
9	114.01	90.45	87.48	272.66	593.47	1033.85	1905.46	1690.71	1016.56	720.36	272.66	347.68	8145.34
10	111.08	102.26	84.51	316.53	536.26	957.73	1969.82	1614.36	921.69	683.76	263.21	332.12	7893.33
11	105.21	108.14	87.48	384.86	713.71	875.70	2109.51	1465.24	924.97	647.06	253.74	322.77	7998.40
12	99.32	87.48	99.32	559.86	829.60	796.58	2278.15	1292.78	898.71	593.47	247.42	319.65	8102.33
13	96.37	96.37	105.21	680.43	733.64	710.39	2359.40	1157.05	859.25	566.59	241.09	341.46	7947.23
14	96.37	108.14	96.37	663.75	563.22	697.08	2378.13	1048.19	1281.17	563.22	234.75	338.35	8068.75
15	96.37	102.26	87.48	647.06	473.97	859.25	2346.91	944.63	1916.19	536.26	231.58	335.24	8577.20
16	93.41	108.14	78.55	660.42	446.42	1153.16	2259.37	832.89	2296.91	509.23	228.40	316.53	8983.44
17	90.45	174.76	78.55	626.99	440.28	1394.40	2149.07	756.86	2558.81	536.26	231.58	300.90	9338.91
18	90.45	212.49	93.41	789.97	421.85	1565.91	2052.94	730.32	2752.45	680.43	250.58	300.90	9941.70
19	90.45	174.76	96.37	924.97	536.26	1751.66	2001.95	720.36	2910.48	657.08	228.40	300.90	10393.64
20	90.45	137.31	102.26	839.49	569.95	1900.09	1921.56	640.37	2917.59	593.47	212.49	332.12	10257.16
21	111.08	157.53	105.21	740.28	553.12	2030.29	1792.55	566.59	2800.12	546.38	199.72	437.21	10040.08
22	234.75	266.36	114.01	683.76	539.64	2143.42	1609.27	590.12	2636.48	509.23	193.32	446.42	9966.76
23	250.58	455.61	137.31	626.99	653.74	2234.33	1415.26	780.04	2471.67	483.14	193.32	403.38	10105.37
24	241.09	381.77	253.74	546.38	852.67	2334.42	1242.46	938.08	2271.89	461.74	222.05	366.29	10112.56
25	174.76	215.68	409.54	502.46	878.99	2365.65	1098.63	970.82	2018.96	446.42	406.46	347.68	9836.04
26	137.31	151.77	546.38	443.35	944.63	2309.42	1010.03	1062.52	1741.51	434.14	1153.16	332.12	10266.36
27	125.69	122.77	403.38	391.04	1058.94	2234.33	938.08	1335.92	1503.32	424.93	1377.71	316.53	10232.63
28	122.77	108.14	234.75	381.77	1215.32	2199.87	888.86	1552.51	1344.28	412.62	1265.69	316.53	10043.11
29	119.86	96.37	237.92	467.86	1250.20	2143.42	849.37	1655.11	1273.44	403.38		313.41	8810.33
30	125.69	125.69	325.89	703.74	1141.49	2035.95	855.96	1851.74	1315.97	391.04		363.19	9236.34
31		151.77		796.58	1006.77		888.86		1402.75	381.77		409.54	5038.03
Total	3941.74	4512.70	4968.89	16101.98	22181.32	41799.32	51289.99	34167.22	55584.38	19889.38	10563.89	13039.16	278039.98
Mean	131.39	145.57	165.63	519.42	715.53	1393.31	1654.52	1138.91	1793.04	641.59	377.28	420.62	758.07
Max	250.58	455.61	546.38	924.97	1250.20	2365.65	2378.13	1851.74	2917.59	1296.64	1377.71	1087.57	2917.59
Min	90.45	84.51	78.55	228.40	421.85	663.75	849.37	566.59	859.25	381.77	193.32	300.90	78.55
Stop - Program terminated.													