

WATER YEAR 2023
UPPER PENINSULA EAST COAST

Tapi River at Ban Ton Pho , Nakhon Si Thammarat (X.195)

Location Lat 08° - 30' - 24" N. , Long. 99° - 30' - 39" E., Amphoe Chawang, Nakhon Si Thammarat
 Drainage Area 492.34 Sq.Km.
 Method of Sampling Depth Integrating
 Instrument Used US DH - 48
 Period of Available Records 1998 - Cont'd
 Actual Measurement 1998 - 2002, 2005-2006, 2011 - Cont'd
 Using Rating Curve Water Year 2023
 Number of observation 26
 R - Square 0.7181
 Remarks Continued Sediment Station

QS = 1.408 QW^{1.4057}

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	18.09	12.58	59.83	52.94	111.34	125.56	183.82	241.00	388.56	149.31	34.08	32.36	1409.48
2	16.66	12.58	50.70	100.32	158.52	234.05	171.03	302.42	328.84	143.26	32.36	32.36	1583.11
3	16.66	19.56	48.49	62.18	128.46	220.31	193.58	196.87	388.56	134.33	30.66	32.36	1472.02
4	35.83	15.27	55.21	48.49	111.34	210.17	180.60	158.52	393.58	128.46	28.99	32.36	1398.81
5	25.73	15.27	59.83	46.30	97.62	220.31	171.03	149.31	424.09	122.68	27.34	32.36	1391.87
6	25.73	15.27	89.65	50.70	92.28	187.06	183.82	116.97	328.84	119.81	25.73	25.73	1261.58
7	21.05	16.66	71.83	50.70	92.28	167.88	180.60	97.62	283.94	116.97	24.14	11.30	1134.98
8	19.56	15.27	84.44	59.83	114.14	167.88	200.17	89.65	255.09	116.97	24.14	7.70	1154.84
9	18.09	16.66	69.38	94.94	125.56	155.43	171.03	94.94	230.59	119.81	22.58	6.60	1125.63
10	16.66	35.83	62.18	74.31	143.26	149.31	158.52	97.62	216.92	146.28	22.58	15.27	1138.74
11	16.66	25.73	87.03	79.33	227.15	180.60	171.03	97.62	200.17	143.26	21.05	18.09	1267.74
12	16.66	19.56	71.83	66.95	158.52	152.36	187.06	100.32	183.82	140.27	21.05	28.99	1147.39
13	15.27	15.27	59.83	59.83	140.27	137.29	196.87	183.82	171.03	119.81	24.14	34.08	1157.50
14	15.27	13.91	55.21	55.21	152.36	131.39	193.58	180.60	210.17	87.03	21.05	44.15	1159.93
15	15.27	12.58	64.55	52.94	187.06	140.27	206.82	187.06	200.17	81.87	22.58	46.30	1217.48
16	15.27	13.91	97.62	57.51	223.73	134.33	280.29	237.52	177.39	87.03	19.56	46.30	1390.45
17	22.58	39.93	74.31	55.21	216.92	143.26	513.98	340.36	177.39	81.87	18.09	44.15	1728.05
18	18.09	28.99	84.44	59.83	180.60	134.33	731.76	643.16	164.74	74.31	15.27	44.15	2179.66
19	15.27	24.14	79.33	64.55	196.87	140.27	403.67	476.36	149.31	57.51	13.91	44.15	1665.33
20	15.27	19.56	74.31	94.94	206.82	223.73	306.15	280.29	146.28	50.70	13.91	48.49	1480.43
21	15.27	18.09	71.83	97.62	183.82	190.31	317.44	203.49	134.33	46.30	18.09	50.70	1347.30
22	13.91	22.58	66.95	234.05	155.43	174.20	265.80	164.74	131.39	42.02	32.36	50.70	1354.14
23	21.05	22.58	64.55	193.58	164.74	220.31	287.61	143.26	140.27	42.02	35.83	50.70	1386.52
24	18.09	19.56	62.18	155.43	140.27	280.29	287.61	137.29	174.20	42.02	35.83	50.70	1403.47
25	15.27	18.09	59.83	187.06	125.56	220.31	265.80	152.36	574.72	76.80	35.83	48.49	1780.13
26	13.91	16.66	62.18	146.28	152.36	302.42	248.02	497.75	388.56	158.52	35.83	42.02	2064.51
27	12.58	19.56	50.70	119.81	190.31	476.36	230.59	768.11	241.00	81.87	34.08	39.93	2264.91
28	12.58	27.34	57.51	108.55	146.28	349.08	216.92	1091.73	196.87	59.83	34.08	39.93	2340.70
29	11.30	42.02	44.15	100.32	134.33	258.65	210.17	530.35	177.39	50.70	34.08	39.93	1633.40
30	12.58	34.08	37.87	92.28	134.33	213.54	220.31	424.09	171.03	42.02		37.87	1420.01
31		37.87		114.14	128.46		213.54		167.88	37.87		32.36	732.11
Total	526.23	666.97	1977.74	2836.15	4720.99	6041.24	7749.24	8385.20	7517.12	2901.53	759.27	1110.56	45192.23
Mean	17.54	21.52	65.92	91.49	152.29	201.37	249.98	279.51	242.49	93.60	26.18	35.82	123.14
Max	35.83	42.02	97.62	234.05	227.15	476.36	731.76	1091.73	574.72	158.52	35.83	50.70	1091.73
Min	11.30	12.58	37.87	46.30	92.28	125.56	158.52	89.65	131.39	37.87	13.91	6.60	6.60

Stop - Program terminated.