WATER YEAR 2022

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	2022
Number of observation	19
R - Square	0.7923
Remarks	Continued Sediment Station

$QS = 4.2632\ QW^{0.9218}$

Water Year - 2022

Suspended Sediment, in Tons per Day, Water Year April 1, 2022 to March 31, 2023

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	63.72	52.38	83.47	66.21	105.23	67.46	128.97	90.77	91.99	63.72	63.72	49.83	927.47
2	77.35	64.97	87.13	63.72	95.61	93.20	110.02	88.35	90.77	61.21	58.70	49.83	940.86
3	68.70	61.21	77.35	68.70	89.56	79.80	123.08	87.13	93.20	58.70	58.70	56.18	922.31
4	77.35	59.96	77.35	67.46	100.43	106.43	108.82	83.47	186.99	57.44	66.21	85.91	1077.83
5	162.47	57.44	76.12	78.58	107.63	90.77	105.23	78.58	276.22	64.97	57.44	63.72	1219.16
6	198.51	58.70	72.42	74.88	115.97	83.47	100.43	81.03	204.89	57.44	53.65	57.44	1158.84
7	142.89	63.72	76.12	78.58	115.97	79.80	111.21	85.91	170.25	57.44	51.11	54.92	1087.90
8	120.71	74.88	62.47	79.80	111.21	79.80	121.89	81.03	148.13	59.96	49.83	52.38	1042.10
9	111.21	113.59	57.44	84.69	104.04	74.88	106.43	71.18	145.51	56.18	48.56	51.11	1024.82
10	105.23	102.84	56.18	96.82	89.56	90.77	111.21	61.21	134.99	53.65	47.28	51.11	1000.85
11	96.82	98.03	53.65	90.77	84.69	140.26	132.50	59.96	120.71	53.65	45.99	49.83	1026.87
12	93.20	117.15	56.18	94.41	78.58	124.26	115.97	61.21	112.40	52.38	44.71	48.56	998.99
13	91.99	111.21	67.46	93.20	72.42	131.33	104.04	61.21	128.97	49.83	43.42	47.28	1002.34
14	89.56	107.63	71.18	90.77	71.18	146.82	98.03	64.97	154.66	49.83	42.12	47.28	1034.03
15	87.13	130.15	71.18	98.03	62.47	123.08	98.03	91.99	124.26	48.56	42.12	35.61	1012.58
16	84.69	110.02	83.47	105.23	53.65	114.78	93.20	93.20	114.78	47.28	40.83	30.99	972.11
17	84.69	98.03	77.35	110.02	54.92	112.40	106.43	79.80	108.82	44.71	44.71	28.65	950.52
18	83.47	93.20	64.97	104.04	57.44	107.63	115.97	83.47	155.97	43.42	44.71	27.48	981.75
19	82.25	91.99	66.21	100.43	53.65	105.23	106.43	88.35	298.90	42.12	44.71	26.30	1106.58
20	79.80	100.43	59.96	107.63	52.38	108.82	114.78	77.35	215.47	42.12	44.71	26.30	1029.76
21	74.88	96.82	61.21	132.50	52.38	99.23	137.63	72.42	149.44	42.12	54.92	25.12	998.68
22	73.65	94.41	67.46	119.53	54.92	94.41	120.71	78.58	121.89	40.83	56.18	25.12	947.67
23	68.70	96.82	68.70	126.62	52.38	93.20	117.15	90.77	108.82	39.53	48.56	23.94	935.19
24	67.46	96.82	69.94	125.44	53.65	93.20	118.34	137.63	99.23	39.53	45.99	23.94	971.16
25	62.47	94.41	73.65	131.33	99.23	90.77	108.82	113.59	93.20	42.12	44.71	22.75	977.04
26	61.21	93.20	74.88	128.97	76.12	87.13	105.23	112.40	87.13	85.91	43.42	22.75	978.36
27	63.72	87.13	69.94	133.67	68.70	84.69	107.63	105.23	81.03	61.21	44.71	21.55	929.21
28	54.92	77.35	62.47	145.51	63.72	83.47	104.04	101.64	74.88	56.18	49.83	22.75	896.75
29	56.18	77.35	66.21	120.71	61.21	88.35	100.43	105.23	69.94	77.35		22.75	845.71
30	53.65	83.47	74.88	114.78	68.70	115.97	96.82	96.82	67.46	72.42		22.75	867.72
31		87.13		107.63	69.94		93.20		63.72	72.42		22.75	516.77
Total	2638.58	2752.42	2086.98	3140.65	2397.51	2991.42	3422.66	2584.47	4094.64	1694.22	1381.50	1196.85	30381.91
Mean	87.95	88.79	69.57	101.31	77.34	99.71	110.41	86.15	132.09	54.65	49.34	38.61	995.91
Max	198.51	130.15	87.13	145.51	115.97	146.82	137.63	137.63	298.90	85.91	66.21	85.91	298.90
Min	53.65	52.38	53.65	63.72	52.38	67.46	93.20	59.96	63.72	39.53	40.83	21.55	21.55

Stop - Program terminated.