WATER YEAR 2024

SOUTHERN PENINSULA WEST COAST

Trang River, at Ban Klang, Trang (X.228)

Location	Lat. 07° - 22' - 20" N., Long. 99° - 40' - 39" E., Amphoe Mueang, Trang
Drainage Area	2691.65 sq. km.
Method of Sampling	Depth Integrating
Instrument Used	US.DH-48
Period of Available Records	2021 - Cont' d
Actual Measurement	2021 - Cont' d
Using Rating Curve Water Year	2024
Number of observation	32
R - Square	0.8738
Remarks	Continued Sediment Station

$QS = 1.9226QW^{1.2682}$

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	27.1	17.1	256.5	327.0	159.6	815.5	759.0	550.1	3393.6	562.2	128.0	1079.5	8075.22
2	30.1	19.8	510.1	270.3	177.1	459.0	815.5	422.1	3116.5	447.4	128.0	534.0	6930.02
3	33.2	22.7	716.1	182.2	159.6	506.1	763.3	434.3	2750.0	388.8	128.0	353.2	6437.58
4	37.9	19.8	741.8	135.2	216.1	841.9	985.5	538.0	2231.9	353.2	128.0	284.3	6513.63
5	39.5	22.7	506.1	128.0	216.1	780.6	1330.7	855.2	1475.2	324.1	128.0	242.9	6049.13
6	30.1	28.6	251.0	226.7	251.0	603.0	1433.6	974.6	1215.2	304.1	128.0	216.1	5661.96
7	27.1	33.2	154.6	189.9	221.4	619.5	1454.4	1261.1	1057.2	287.1	128.0	192.5	5626.02
8	24.1	42.8	116.3	149.7	177.1	824.3	1419.8	1255.4	837.5	270.3	128.0	177.1	5422.53
9	22.7	36.3	91.4	125.6	159.6	855.2	1698.1	931.1	690.6	253.8	135.2	162.1	5161.66
10	19.8	30.1	78.1	120.9	578.4	711.8	1706.3	841.9	611.2	237.5	85.6	149.7	5171.49
11	21.3	28.6	68.8	135.2	1124.4	554.1	1825.0	920.3	554.1	226.7	83.7	140.0	5682.11
12	19.8	30.1	65.2	164.6	1220.9	422.1	1881.3	996.5	498.2	218.7	81.8	132.8	5732.00
13	18.5	33.2	61.6	205.5	1073.9	506.1	1763.9	828.7	470.7	213.4	79.9	130.4	5385.91
14	15.7	33.2	56.4	192.5	586.6	690.6	1576.3	623.6	780.6	208.1	76.2	123.3	4963.21
15	14.4	28.6	51.2	189.9	359.1	1175.3	1284.2	494.2	1348.2	200.3	74.3	116.3	5336.11
16	14.4	28.6	49.5	248.3	295.5	2113.3	1073.9	451.3	1698.1	262.0	72.5	109.4	6416.85
17	13.1	36.3	51.2	301.2	256.5	3129.3	904.2	443.6	1911.7	312.6	78.1	102.5	7540.29
18	13.1	58.1	49.5	486.4	232.1	3422.1	824.3	368.0	2081.2	318.3	72.5	95.8	8021.36
19	13.1	81.8	65.2	419.1	306.9	3238.0	785.0	321.2	2210.2	284.3	68.8	89.4	7883.08
20	14.4	70.7	70.7	298.4	474.6	3407.9	872.9	304.1	2286.3	240.2	65.2	95.8	8201.00
21	30.1	58.1	65.2	232.1	428.2	3746.9	969.2	309.8	2188.6	213.4	61.6	137.6	8440.78
22	41.2	81.8	87.5	218.7	240.2	3936.7	798.1	711.8	1624.8	197.7	63.4	147.3	8149.12
23	39.5	59.9	111.7	202.9	240.2	3841.6	566.2	1266.9	963.7	184.8	63.4	135.2	7675.93
24	28.6	47.8	109.4	164.6	409.9	3351.0	451.3	1407.0	673.7	174.6	100.3	132.8	7050.92
25	24.1	44.5	152.2	140.0	546.0	2253.6	486.4	1482.2	554.1	164.6	942.0	120.9	6910.44
26	24.1	37.9	130.4	123.3	699.1	1531.1	494.2	1632.9	482.4	157.1	1788.7	102.5	7203.81
27	18.5	33.2	91.4	109.4	611.2	1475.2	409.9	1788.7	437.4	157.1	1780.4	93.6	7005.97
28	19.8	41.2	140.0	107.1	802.4	1568.2	440.5	2049.2	478.5	149.7	1657.3	128.0	7581.88
29	17.1	70.7	182.2	292.7	1871.9	1348.2	413.0	2362.8	656.9	142.4		205.5	7563.51
30	15.7	68.8	318.3	292.7	2242.7	936.5	538.0	3129.3	690.6	135.2		195.1	8563.08
31		61.6		205.5	1608.6		754.7		652.8	130.4		149.7	3563.29
Total	708.41	1307.72	5399.38	6585.51	17946.95	49664.92	31478.95	29955.89	40621.97	7720.01	8455.13	6075.05	205919.89 Ton
Mean	23.61	42.18	179.98	212.44	578.93	1655.50	1015.45	998.53	1310.39	249.03	301.97	195.97	563.67
Max	41.16	81.81	741.78	486.37	2242.74	3936.71	1881.32	3129.27	3393.64	562.19	1788.72	1079.52	3936.71
Min	13.13	17.09	49.48	107.07	159.57	422.10	409.94	304.05	437.41	130.38	61.65	89.43	13.13

Stop - Program terminated.