

WATER YEAR 2023
SOUTHERN PENINSULA EAST COAST

Pattani River Ban Tha Sap , Mueang , Yala (X.40A)

Location Lat06° - 33' - 10" N., Long.101° - 15' - 58.2" E., Mueang , Yala

Drainage Area 3295.29 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 2023

Number of observation 36

R - Square 0.757

Remarks Continued Sediment Station

QS = 0.9206QW1.3864

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	338.03	628.96	436.95	359.40	265.62	542.57	500.74	654.28	1138.58	3551.63	542.57	512.60	9471.94
2	348.67	641.58	419.98	348.67	386.61	494.85	448.37	758.29	3080.21	3191.04	542.57	566.89	11227.73
3	381.12	647.92	454.11	328.14	436.95	448.37	408.77	1213.54	3269.27	2567.36	560.78	610.15	11326.49
4	386.61	647.92	542.57	318.99	483.11	354.02	431.27	1064.98	1849.26	1956.40	585.32	660.65	9281.12
5	386.61	686.32	548.62	291.96	524.53	459.87	477.27	832.22	1223.00	1748.01	548.62	686.32	8413.36
6	500.74	758.29	560.78	359.40	548.62	386.61	488.97	635.26	1309.07	1673.13	524.53	679.88	8425.28
7	483.11	616.40	560.78	375.66	548.62	408.77	542.57	705.75	1110.82	1673.13	530.53	660.65	8216.80
8	459.87	616.40	506.66	425.62	530.53	386.61	573.01	718.79	1129.31	1673.13	524.53	673.45	8217.90
9	436.95	610.15	477.27	500.74	524.53	425.62	554.69	705.75	1083.25	1566.59	524.53	654.28	8064.36
10	414.36	712.26	459.87	524.53	512.60	414.36	518.56	667.05	1147.88	1526.15	524.53	647.92	8070.07
11	392.12	579.16	442.65	585.32	506.66	408.77	866.44	660.65	1175.89	1466.03	524.53	616.40	8224.63
12	364.79	560.78	414.36	597.70	500.74	364.79	852.71	839.03	1157.20	1416.45	524.53	585.32	8178.41
13	265.62	566.89	425.62	512.60	506.66	338.03	764.93	679.88	1232.48	1396.75	518.56	554.69	7762.71
14	370.21	554.69	477.27	483.11	542.57	318.99	616.40	660.65	1942.38	1386.93	500.74	530.53	8384.48
15	431.27	566.89	465.65	477.27	573.01	305.39	579.16	628.96	4083.54	1357.59	500.74	524.53	10494.00
16	448.37	699.26	436.95	471.45	566.89	291.96	548.62	610.15	4676.78	811.86	524.53	512.60	10599.43
17	465.65	712.26	425.62	454.11	560.78	283.11	512.60	616.40	2988.70	778.26	524.53	488.97	8810.97
18	483.11	679.88	471.45	442.65	554.69	291.96	465.65	628.96	1785.80	764.93	524.53	477.27	7570.87
19	506.66	616.40	477.27	425.62	542.57	278.71	635.26	679.88	1456.07	738.47	530.53	465.65	7353.08
20	536.54	591.50	471.45	419.98	512.60	257.00	512.60	805.11	1673.13	686.32	524.53	454.11	7444.86
21	425.62	603.91	459.87	408.77	512.60	338.03	488.97	1055.88	2012.77	566.89	518.56	448.37	7840.23
22	364.79	610.15	477.27	403.20	536.54	431.27	585.32	2341.95	1970.45	591.50	518.56	454.11	9285.10
23	364.79	591.50	536.54	364.79	597.70	488.97	791.65	4898.48	1556.45	628.96	518.56	483.11	11821.50
24	354.02	554.69	542.57	332.75	524.53	408.77	591.50	3510.89	2772.23	647.92	518.56	488.97	11247.41
25	338.03	548.62	518.56	314.44	524.53	436.95	610.15	1836.52	9883.39	731.89	518.56	471.45	16733.09
26	323.56	573.01	506.66	300.90	548.62	454.11	667.05	1914.42	14099.29	873.33	518.56	397.65	21177.16
27	397.65	591.50	483.11	291.96	566.89	459.87	1157.20	1900.48	7123.19	751.67	518.56	419.98	14662.04
28	431.27	506.66	488.97	278.71	548.62	530.53	1046.80	1526.15	4042.51	647.92	506.66	477.27	11032.06
29	471.45	459.87	465.65	265.62	454.11	483.11	784.95	1338.12	2855.87	628.96	512.60	518.56	9238.85
30	579.16	425.62	403.20	261.30	408.77	667.05	771.59	1166.54	4649.27	616.40		548.62	10497.51
31		403.20		261.30	477.27		679.88		4083.54	573.01		579.16	7057.36
Total	12450.75	18562.66	14358.24	12186.63	15829.09	12159.00	19473.64	36255.00	93561.63	39188.62	15255.43	16850.09	306130.78
Mean	415.03	598.80	478.61	393.12	510.62	405.30	628.18	1208.50	3018.12	1264.15	526.05	543.55	9990.01
Max	579.16	758.29	560.78	597.70	597.70	667.05	1157.20	4898.48	14099.29	3551.63	585.32	686.32	14099.29
Min	265.62	403.20	403.20	261.30	265.62	257.00	408.77	610.15	1083.25	566.89	500.74	397.65	257.00

Stop - Program terminated.