WATER YEAR 2024

SOUTHERN PENINSULA EAST COAST

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

Location	Lat.06° - 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	2024
Number of observation	41
R - Square	0.8537
Remarks	Continued Sediment Station

QS = 1.0334QW1.3419

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	401.20	426.73	391.09	322.28	386.07	244.12	888.31	829.11	8359.48	680.39	716.86	279.91	13925.56
2	416.47	426.73	396.14	275.87	431.89	255.91	812.39	845.92	6154.40	651.56	746.39	327.09	11740.75
3	381.06	371.09	411.36	251.96	447.45	271.85	854.36	1028.22	5071.96	615.98	724.21	317.50	10747.01
4	371.09	426.73	416.47	236.34	416.47	259.87	1047.59	1465.48	4152.08	558.07	716.86	361.19	10428.24
5	361.19	416.47	406.27	236.34	411.36	236.34	1028.22	2088.17	3476.69	463.14	709.53	312.74	10146.46
6	351.36	406.27	401.20	228.62	386.07	217.17	1534.61	2505.89	3160.98	447.45	673.15	263.85	10576.61
7	346.47	391.09	386.07	217.17	331.90	205.87	1584.74	2714.08	2980.14	356.27	589.28	248.03	10351.13
8	346.47	396.14	376.07	209.62	307.99	224.79	1465.48	1711.83	2819.74	356.27	570.50	236.34	9021.24
9	346.47	401.20	366.13	327.09	298.55	322.28	1686.22	1135.86	2661.63	322.28	558.07	228.62	8654.40
10	346.47	406.27	391.09	376.07	381.06	317.50	1686.22	1008.95	2980.14	303.26	545.70	220.97	8963.70
11	341.60	416.47	411.36	401.20	366.13	303.26	1699.01	1106.23	3455.85	317.50	521.18	228.62	9568.42
12	336.74	426.73	386.07	431.89	463.14	284.54	1286.91	1374.59	3197.47	336.74	391.09	255.91	9171.83
13	331.90	431.89	381.06	442.24	401.20	263.85	1185.67	1225.91	2998.10	589.28	361.19	232.47	8844.78
14	327.09	457.90	356.27	426.73	366.13	255.91	1266.49	1037.90	3142.77	533.41	371.09	220.97	8762.65
15	341.60	457.90	289.19	426.73	263.85	236.34	1215.82	804.06	3160.98	533.41	411.36	205.87	8347.11
16	346.47	468.41	289.19	341.60	271.85	228.62	1125.96	896.85	2944.30	2228.18	275.87	198.96	9616.27
17	356.27	484.95	322.28	312.74	366.13	240.22	1096.40	754.56	2784.41	2609.45	236.34	195.79	9759.54
18	366.13	515.10	351.36	298.55	346.47	267.84	1086.60	665.93	2679.09	1511.48	236.34	228.62	8553.51
19	396.14	496.96	376.07	279.91	463.14	271.85	1246.16	576.74	2609.45	1067.05	271.85	244.12	8299.44
20	401.20	490.94	391.09	263.85	589.28	426.73	1499.95	551.87	2488.73	820.74	303.26	236.34	8463.99
21	416.47	468.41	381.06	251.96	341.60	452.66	1572.17	545.70	2322.79	687.64	289.19	202.14	7931.81
22	416.47	452.66	381.06	236.34	248.03	551.87	1465.48	595.58	1845.11	558.07	275.87	192.63	7219.18
23	391.09	447.45	371.09	228.62	837.51	665.93	1246.16	564.27	1597.34	564.27	275.87	192.63	7382.24
24	371.09	452.66	366.13	217.17	623.06	970.68	1135.86	680.39	1511.48	687.64	371.09	198.96	7586.22
25	371.09	457.90	366.13	209.62	336.74	1067.05	1205.75	665.93	1419.85	837.51	2015.21	236.34	9189.13
26	371.09	457.90	376.07	205.87	275.87	1067.05	1185.67	1185.67	1067.05	804.06	1776.30	244.12	9016.73
27	371.09	463.14	391.09	205.87	248.03	932.80	1236.03	7519.44	837.51	746.39	521.18	220.97	13693.55
28	366.13	411.36	376.07	202.14	236.34	951.69	1047.59	15745.51	754.56	716.86	251.96	259.87	21320.09
29	366.13	396.14	431.89	209.62	217.17	1116.09	854.36	13782.68	787.47	812.39		244.12	19218.06
30	406.27	396.14	442.24	307.99	220.97	1125.96	845.92	11170.45	854.36	658.74		303.26	16732.31
31		391.09		346.47	224.79		820.74		731.59	615.98		293.86	3424.52
Total	11060.29	13510.81	11378.66	8928.50	11506.26	14236.68	37912.87	76783.81	85007.49	22991.45	15706.82	7632.83	316656.46 Ton
Mean	368.68	435.83	379.29	288.02	371.17	474.56	1223.00	2559.46	2742.18	741.66	560.96	246.22	865.92
Max	416.47	515.10	442.24	442.24	837.51	1125.96	1699.01	15745.51	8359.48	2609.45	2015.21	361.19	15745.51
Min	327.09	371.09	289.19	202.14	217.17	205.87	812.39	545.70	731.59	303.26	236.34	192.63	192.63

Stop - Program terminated.