

WATER YEAR 2024
SOUTHERN PENINSULA WEST COAST

Khlong Ta kuaw Pa at Ban Hin Dan, Phang-nga (X.187)

Location	Lat. 08 ^o - 46' - 38" N., Long. 98 ^o - 23' - 25" E., Amphoe Ta kuaw Pa, Phang-nga
Drainage Area	545.11 sq. km.
Method of Sampling	Depth Integrating
Instrument Used	US DH-48
Period of Available Records	2003 - Cont' d
Actual Measurement	2003 - 2008, 2010 - 2011 , 2013 - Cont' d
Using Rating Curve Water Year	2024
Number of observation	30
R - Square	0.7042
Remarks	Continued Sediment Station

QS =2.0721 QW^{1.2247}

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	9.95	13.07	52.49	171.44	128.06	279.19	484.83	371.53	174.87	28.69	13.07	13.07	1740.26
2	9.95	13.07	52.49	137.86	128.06	430.19	403.33	430.19	161.22	19.74	13.07	13.07	1812.25
3	9.95	13.07	52.49	134.58	128.06	684.70	446.46	516.08	147.79	19.74	13.07	13.07	2179.07
4	9.95	13.07	52.49	131.31	128.06	670.02	376.79	503.54	134.58	19.74	13.07	13.07	2065.70
5	9.95	13.07	52.49	503.54	128.06	721.66	340.21	484.83	119.99	19.74	13.07	13.07	2419.70
6	9.95	13.07	52.49	265.52	128.06	773.99	376.79	497.29	106.77	19.74	11.49	11.49	2266.66
7	9.95	47.94	52.49	185.23	128.06	1136.31	468.31	611.89	96.41	19.74	11.49	11.49	2779.31
8	9.95	66.58	52.49	213.38	128.06	714.24	541.33	497.29	91.30	19.74	11.49	11.49	2357.34
9	9.95	66.58	52.49	181.76	128.06	509.80	435.60	414.03	86.24	19.74	11.49	11.49	1927.24
10	9.95	78.76	76.30	188.71	128.06	403.33	355.81	366.27	81.24	19.74	11.49	11.49	1731.14
11	8.45	43.46	157.85	274.20	128.06	329.89	340.21	294.23	78.76	19.74	11.49	11.49	1697.84
12	8.45	30.55	161.22	424.79	128.06	329.89	547.68	261.20	76.30	19.74	11.49	11.49	2010.87
13	8.45	30.55	151.13	484.83	128.06	479.31	699.44	239.80	76.30	19.74	11.49	11.49	2340.59
14	8.45	30.55	128.06	626.33	128.06	1432.55	397.99	220.53	73.84	19.74	11.49	11.49	3089.08
15	8.45	30.55	101.57	457.36	128.06	2259.58	350.60	206.27	71.41	19.74	11.49	11.49	3656.56
16	8.45	57.12	54.79	314.52	128.06	2636.79	304.35	195.70	68.99	19.74	9.95	11.49	3809.93
17	8.45	134.58	88.77	1233.92	128.06	2571.00	387.37	188.71	66.58	19.74	9.95	11.49	4848.60
18	8.45	106.77	256.89	604.69	128.06	2702.88	408.67	185.23	64.19	19.74	9.95	11.49	4507.02
19	8.45	88.77	213.38	361.03	128.06	2729.40	626.33	185.23	59.46	19.74	9.95	9.95	4439.73
20	8.45	54.79	174.87	269.86	125.36	2557.88	875.97	185.23	57.12	19.74	9.95	9.95	4349.15
21	8.45	220.53	361.03	227.72	117.33	2375.49	522.37	185.23	52.49	19.74	9.95	9.95	4110.27
22	13.07	309.42	992.77	195.70	117.33	1710.90	392.67	185.23	52.49	19.74	9.95	9.95	4009.22
23	13.07	279.19	1388.87	171.44	117.33	983.33	324.75	185.23	52.49	19.74	9.95	9.95	3555.33
24	13.07	141.16	758.97	154.48	114.67	842.23	319.63	185.23	52.49	19.74	9.95	9.95	2621.56
25	13.07	122.67	451.90	144.47	279.19	626.33	419.41	185.23	52.49	19.74	9.95	9.95	2334.39
26	13.07	96.41	265.52	134.58	181.76	503.54	462.83	181.76	52.49	16.34	9.95	9.95	1928.21
27	13.07	71.41	192.20	134.58	692.07	473.81	626.33	181.76	52.49	16.34	9.95	9.95	2473.95
28	13.07	52.49	157.85	134.58	2531.67	414.03	640.83	181.76	52.49	13.07	9.95	9.95	4211.75
29	13.07	52.49	137.86	131.31	1194.70	361.03	655.40	181.76	52.49	13.07		9.95	2803.14
30	13.07	52.49	216.95	128.06	509.80	350.60	479.31	181.76	52.49	13.07		9.95	2007.55
31		52.49		128.06	340.21		397.99		52.49	13.07		9.95	994.27
Total	310.05	2396.75	6961.14	8849.82	8754.54	32993.89	14409.62	8690.01	2470.75	587.46	309.60	344.07	87077.71 Ton
Mean	10.34	77.31	232.04	285.48	282.40	1099.80	464.83	289.67	79.70	18.95	11.06	11.10	238.56
Max	13.07	309.42	1388.87	1233.92	2531.67	2729.40	875.97	611.89	174.87	28.69	13.07	13.07	2729.40
Min	8.45	13.07	52.49	128.06	114.67	279.19	304.35	181.76	52.49	13.07	9.95	9.95	8.45

Stop - Program terminated.