

WATER YEAR 2024
SOUTHERN PENINSULA EAST COAST

Khlong Bang Yai at Rong Rian Satree Phuket, Phuket (X.191)

Location	Lat. 07° - 53' - 30" N., Long. 98° - 23' - 27" E., Amphoe Mueang, Phuket
Drainage Area	55.89 sq. km.
Method of Sampling	Depth Integrating
Instrument Used	US.DH - 48
Period of Available Records	2003 - Cont' d
Actual Measurement	2003 - Cont' d
Using Rating Curve Water Year	2024
Number of observation	39
R - Square	0.7407
Remarks	Continued Sediment Station

QS =4.1748QW^{1.4976}

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	0.62	0.62	0.90	16.27	3.93	4.68	12.95	5.49	7.66	3.57			56.69
2	0.62	0.49	6.76	3.57	2.71	8.20	8.20	6.33	6.33	3.57			46.78
3	0.62	0.49	0.90	2.45	3.57	29.62	9.90	9.32	5.90	3.57			66.34
4	0.62	0.90	0.76	36.58	22.29	18.38	20.56	20.56	5.49	3.57			129.70
5	0.62	0.49	0.76	104.38	9.32	24.05	22.29	16.96	5.49	3.57			187.93
6	0.62	0.49	0.76	11.09	8.20	24.96	24.96	21.42	5.49	3.27			101.25
7	0.62	0.90	0.62	20.56	5.08	90.50	18.38	12.95	5.49	3.57			158.67
8	0.62	0.62	0.62	6.33	4.30	24.96	32.54	8.76	5.08	3.57			87.39
9	0.62	1.06	0.62	2.99	3.93	15.59	17.66	6.33	5.08	3.27			57.15
10	0.62	0.76	1.71	12.95	3.27	8.76	24.05	8.20	5.08	3.27			68.68
11	0.62	2.99	1.26	7.66	9.32	7.66	29.62	14.25	5.08	3.27			81.74
12	0.62	2.45	0.62	31.56	9.32	7.66	42.38	11.70	4.68	2.99			113.99
13	0.62	0.62	0.62	15.59	4.30	56.87	31.56	9.32	4.68	3.27			127.46
14	0.76	0.62	0.62	10.49	4.30	26.79	37.61	8.76	5.49	3.27			98.71
15	0.62	0.62	0.62	5.08	4.30	22.29	42.38	10.49	4.68	3.27			94.36
16	0.62	2.99	0.90	6.76	18.38	211.75	20.56	13.60	4.68	4.30			284.55
17	0.76	4.30	2.45	22.29	24.05	417.17	17.66	10.49	4.68	3.57			507.42
18	0.76	2.19	24.05	9.90	11.70	333.09	24.96	7.66	4.68	3.27			422.27
19	2.45	0.76	2.45	5.90	23.17	250.16	208.08	7.21	4.68	3.27			508.12
20	1.71	1.48	5.90	5.08	9.90	241.93	86.36	7.21	4.30	3.27			367.13
21	8.20	4.30	10.49	5.90	3.93	119.29	42.38	6.33	4.68	3.27			208.78
22	1.26	16.96	5.49	4.30	2.45	53.63	37.61	6.33	4.68	3.27			135.98
23	0.76	5.90	8.76	3.57	12.32	36.58	32.54	5.90	4.30	2.19			112.82
24	0.76	1.48	15.59	2.99	7.21	61.86	35.56	5.90	4.30	1.71			137.34
25	0.62	1.06	4.30	2.99	5.90	34.54	25.87	5.90	3.93	2.19			87.30
26	1.06	0.90	2.19	3.57	9.90	26.79	37.61	12.32	3.93	2.19			100.46
27	0.62	0.90	4.30	4.30	38.66	21.42	63.55	9.32	3.93	2.19			149.19
28	0.62	1.06	2.71	4.30	241.93	23.17	34.54	7.21	3.93	2.19			321.65
29	0.62	1.06	1.94	4.30	28.67	23.17	16.96	6.33	3.57	2.19			88.80
30	0.62	0.90	147.33	4.30	9.90	18.38	7.66	10.49	3.93	2.19			205.70
31		1.71		4.30	5.90		6.33		3.57	2.19			23.99
Total	30.88	62.08	257.01	382.29	552.10	2243.88	1073.29	293.04	149.47	94.31			5138.34 Ton
Mean	1.03	2.00	8.57	12.33	17.81	74.80	34.62	9.77	4.82	3.04			16.88
Max	8.20	16.96	147.33	104.38	241.93	417.17	208.08	21.42	7.66	4.30			417.17
Min	0.62	0.49	0.62	2.45	2.45	4.68	6.33	5.49	3.57	1.71			0.49

Stop - Program terminated.