

**WATER YEAR 2023**  
**SOUTHERN PENINSULA EAST COAST**

Klong 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 2023  
 Number of observation 30  
 R - Square 0.872  
 Remarks Continued Sediment Station

QS =5.2977QW<sup>1.2994</sup>

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	0.65	1.40	15.64	35.25	13.21	19.26	14.41	29.00	3.96	2.15	1.21	0.83	136.98
2	0.65	1.40	8.13	8.66	5.57	62.73	15.02	24.01	5.09	1.40	1.21	1.01	134.91
3	0.65	1.40	7.08	4.29	4.62	37.83	19.26	16.52	6.57	1.40	1.21	1.01	101.85
4	0.65	3.03	4.29	3.65	4.29	145.18	86.12	14.41	3.65	1.40	1.21	1.01	268.88
5	0.83	5.57	4.29	3.33	3.96	84.42	81.05	13.21	3.96	1.40	1.21	1.01	204.25
6	0.65	2.15	3.65	2.73	3.65	32.09	40.45	11.45	4.62	1.40	1.21	1.01	105.07
7	0.65	9.76	4.29	2.73	5.09	16.52	51.31	11.45	4.62	1.40	1.40	1.01	110.25
8	0.65	9.76	3.03	16.52	19.26	9.76	31.05	10.32	3.96	1.40	1.21	1.01	107.93
9	0.65	1.88	2.73	91.25	8.13	9.76	22.08	13.21	3.96	1.40	1.21	1.88	158.14
10	0.65	1.40	3.33	39.14	16.52	18.34	17.42	12.62	5.09	1.40	1.01	1.21	118.15
11	0.65	1.40	3.33	11.45	10.32	9.76	26.98	22.08	7.08	1.40	1.01	1.01	96.49
12	0.83	1.40	2.73	6.57	24.01	10.88	16.52	16.52	6.57	1.40	1.21	0.83	89.48
13	0.65	1.61	2.73	7.60	35.25	8.66	20.19	15.64	4.29	1.40	1.01	1.01	100.05
14	0.49	2.15	2.73	10.88	181.88	6.07	16.52	11.45	3.96	1.40	1.21	0.83	239.57
15	0.49	2.15	2.44	7.08	61.28	32.09	40.45	7.60	3.65	1.40	1.21	0.83	160.66
16	0.65	1.88	2.44	4.62	64.20	25.98	200.75	7.08	3.65	1.40	1.21	1.40	315.26
17	0.49	1.40	3.03	4.29	29.00	13.81	81.05	5.57	3.33	1.40	1.21	1.01	145.60
18	0.65	4.62	2.73	11.45	14.41	32.09	51.31	4.29	3.65	1.40	1.21	1.01	128.83
19	1.21	7.60	2.44	18.34	9.76	20.19	30.02	4.62	4.29	1.88	1.01	1.01	102.36
20	1.01	14.41	2.44	8.13	8.66	15.02	23.04	5.57	3.65	5.09	1.21	1.01	89.24
21	1.01	8.13	2.44	5.09	9.76	12.03	30.02	3.96	3.33	1.40	1.21	1.01	79.40
22	2.15	12.03	2.44	17.42	7.60	16.52	32.09	4.62	3.65	1.61	1.21	1.01	102.36
23	1.01	3.96	2.15	13.81	7.60	37.83	25.98	8.13	3.03	1.61	1.01	1.01	107.14
24	1.01	2.73	2.15	8.13	6.07	40.45	37.83	5.57	3.03	1.88	1.01	1.01	110.88
25	1.01	2.15	2.15	7.08	6.07	96.46	51.31	13.21	3.03	1.88	1.01	1.01	186.38
26	1.21	4.29	2.15	8.66	7.08	64.20	58.39	10.88	2.73	1.21	1.01	1.01	162.81
27	1.40	2.73	15.02	6.07	5.57	68.63	35.25	9.76	2.15	1.21	1.01	1.01	149.82
28	2.73	62.73	6.07	5.57	6.07	43.11	26.98	6.07	1.61	1.21	1.01	1.21	164.36
29	3.33	43.11	5.09	5.09	12.62	30.02	62.73	4.29	1.61	1.21	1.01	0.83	170.95
30	2.15	19.26	6.07	7.08	8.13	17.42	47.17	3.96	1.61	1.21		3.96	118.02
31		24.01		5.09	6.57		26.98		2.44	1.21		1.21	67.50
Total	30.88	261.53	129.19	387.06	606.19	1037.13	1319.77	327.09	117.81	48.61	33.04	35.27	4333.58
Mean	1.03	8.44	4.31	12.49	19.55	34.57	42.57	10.90	3.80	1.57	1.14	1.14	141.51
Max	3.33	62.73	15.64	91.25	181.88	145.18	200.75	29.00	7.08	5.09	1.40	3.96	200.75
Min	0.49	1.40	2.15	2.73	3.65	6.07	14.41	3.96	1.61	1.21	1.01	0.83	0.49

Stop - Program terminated.