

WATER YEAR 2022
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 2022
 Number of observation 37
 R - Square 0.8473
 Remarks Continued Sediment Station

QS =6.8996QW^{1.5059}

Water Year - 2022

Suspended Sediment, in Tons per Day, Water Year April 1, 2022 to March 31, 2023

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.61	4.93	117.49	15.89	229.55	47.49	90.63	182.44	47.49	5.89	2.07	1.74	749.20
2	6.39	3.20	24.19	36.45	265.86	43.57	49.49	128.70	43.57	5.89	2.07	1.13	610.49
3	3.61	25.62	15.89	13.22	100.43	103.77	51.51	76.01	41.65	6.90	2.07	1.13	441.81
4	3.20	8.85	14.00	97.13	70.49	59.89	34.82	57.76	36.45	5.89	1.74	1.13	391.34
5	2.80	5.89	10.96	65.12	41.65	36.45	25.62	55.65	132.61	4.93	1.74	1.13	384.55
6	3.20	4.03	7.53	41.65	30.11	23.09	13.22	59.89	107.15	4.93	2.07	1.13	297.99
7	4.93	4.47	8.18	25.62	24.19	20.94	13.22	55.65	55.65	4.03	1.74	1.42	220.04
8	4.47	4.03	19.89	20.94	20.94	15.89	10.24	67.79	53.57	3.61	2.43	1.13	224.92
9	8.85	4.03	8.18	19.89	15.89	14.00	12.45	53.57	57.76	3.20	1.74	1.13	200.69
10	4.47	4.93	8.85	15.89	11.70	13.22	19.89	38.10	45.51	3.20	1.74	1.13	168.62
11	3.20	5.89	22.00	17.85	10.96	11.70	18.86	34.82	34.82	2.80	1.74	1.13	165.78
12	2.80	6.39	10.96	81.66	10.96	19.89	14.00	36.45	28.59	3.20	1.42	1.13	217.44
13	2.43	6.39	10.96	30.11	10.96	14.00	14.00	34.82	24.19	3.20	1.42	1.13	153.60
14	2.07	4.93	22.00	18.86	9.54	13.22	204.73	27.09	17.85	2.80	1.42	1.13	325.65
15	2.07	4.93	27.09	14.00	9.54	12.45	239.74	67.79	16.86	2.80	1.42	1.13	399.83
16	2.43	5.40	24.19	265.86	20.94	17.85	1808.11	409.74	18.86	2.43	1.42	1.13	2578.36
17	2.07	7.53	36.45	65.12	27.09	14.94	640.94	152.72	18.86	2.43	1.42	1.13	970.70
18	2.07	3.61	38.10	30.11	18.86	12.45	816.23	93.86	38.10	2.80	1.42	1.13	1058.73
19	2.07	2.80	17.85	18.86	14.94	17.85	1379.95	51.51	20.94	3.20	1.74	1.13	1532.84
20	2.07	8.18	28.59	30.11	15.89	19.89	867.36	41.65	14.94	2.80	3.20	1.13	1035.81
21	1.74	9.54	15.89	19.89	53.57	14.94	610.24	59.89	13.22	2.43	2.07	1.13	804.54
22	6.39	5.40	14.00	25.62	239.74	28.59	501.82	371.05	8.18	2.07	1.42	1.13	1205.41
23	5.40	4.03	27.09	31.65	70.49	27.09	287.40	457.76	6.39	3.61	1.42	1.13	923.46
24	4.47	3.61	51.51	16.86	53.57	36.45	182.44	390.24	6.90	4.03	1.42	1.13	752.62
25	3.61	4.47	17.85	13.22	501.82	19.89	128.70	152.72	6.39	4.47	1.42	1.13	855.69
26	6.39	2.80	14.00	57.76	554.91	12.45	87.45	117.49	6.90	4.03	1.42	1.13	866.73
27	3.20	5.40	10.24	16.86	186.83	10.24	87.45	76.01	6.39	2.80	1.13	1.13	407.67
28	8.18	14.00	9.54	16.86	103.77	10.96	136.56	62.49	6.39	2.43	1.74	1.13	374.04
29	2.07	78.82	9.54	90.63	57.76	53.57	117.49	55.65	5.89	2.07		1.13	474.61
30	2.80	49.49	10.24	53.57	107.15	81.66	315.49	51.51	5.40	2.07		1.13	680.50
31		38.10		22.00	47.49		755.55		5.89	2.07		0.86	871.95
Total	113.08	341.70	653.27	1289.27	2937.57	828.38	9535.61	3520.83	933.32	109.03	48.04	35.53	20345.62
Mean	3.77	11.02	21.78	41.59	94.76	27.61	307.60	117.36	30.11	3.52	1.72	1.15	55.74
Max	8.85	78.82	117.49	265.86	554.91	103.77	1808.11	457.76	132.61	6.90	3.20	1.74	1808.11
Min	1.74	2.80	7.53	13.22	9.54	10.24	10.24	27.09	5.40	2.07	1.13	0.86	0.86

Stop - Program terminated.