

WATER YEAR 2019

SOUTHERN PENINSULA WEST 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 54.06 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH-48
 Period of Available Records 2003 - Cont' d
 Actual Measurement 2003 - 2008 , 2013 - Cont' d
 Using Rating Curve Water Year 2019
 Number of observation 12
 R - Square 0.7784
 Remarks Continued Sediment Station

QS =11.843 QW^{1.1439}

Water Year - 2019

Suspended Sediment, in Tons per Day, Water Year April 1, 2019 to March 31, 2020

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.15	12.39	4.15	7.88	9.18	177.85	15.71	22.46	16.55	5.98	4.15	4.15	
2	4.15	4.75	14.87	7.88	7.88	43.20	22.46	35.95	67.86	5.98	4.15	2.99	
3	3.56	5.98	14.87	7.24	7.88	22.46	14.87	46.41	56.18	5.36	4.75	2.99	
4	2.99	5.36	9.18	7.24	7.88	18.40	12.39	24.53	23.49	5.36	4.75	2.99	
5	3.56	4.75	7.88	6.60	7.24	14.87	12.39	17.40	13.21	5.36	4.15	3.56	
6	3.56	12.39	24.53	6.60	7.24	12.39	41.61	15.71	13.21	5.36	3.56	3.56	
7	3.56	9.18	13.21	7.24	7.24	14.87	27.67	16.55	13.21	5.36	4.15	4.15	
8	3.56	25.57	78.07	6.60	7.24	14.87	16.55	14.87	11.57	5.36	3.56	3.56	
9	2.99	5.36	82.21	6.60	14.03	19.41	12.39	14.87	9.97	5.36	4.15	3.56	
10	3.56	7.24	20.42	5.98	9.97	13.21	23.49	16.55	8.52	4.75	4.15	3.56	
11	3.56	7.88	7.88	6.60	5.36	26.62	17.40	13.21	8.52	5.36	3.56	3.56	
12	3.56	9.18	8.52	5.98	6.60	19.41	16.55	13.21	11.57	5.98	2.99	2.99	
13	3.56	8.52	9.97	9.97	7.88	11.57	14.03	9.97	7.88	5.36	3.56	2.99	
14	4.75	6.60	12.39	7.88	7.24	14.03	30.40	11.57	7.24	4.75	3.56	3.56	
15	6.60	6.60	10.77	6.60	15.71	19.41	61.82	14.03	11.57	4.75	4.15	2.99	
16	3.56	9.18	8.52	29.03	14.03	14.87	20.42	9.97	8.52	4.75	3.56	2.99	
17	3.56	7.24	7.88	80.14	10.77	13.21	24.53	9.18	7.88	4.75	4.75	2.99	
18	3.56	6.60	13.21	161.94	5.98	25.57	21.44	9.97	7.24	4.75	3.56	2.99	
19	3.56	6.60	9.18	52.90	4.75	23.49	14.03	15.71	6.60	4.75	2.99	2.99	
20	3.56	5.98	9.97	51.26	8.52	14.87	13.21	6.60	6.60	4.75	4.15	2.99	
21	5.98	5.98	9.18	33.16	9.18	9.97	13.21	9.18	6.60	4.75	3.56	2.99	
22	4.75	6.60	14.87	15.71	10.77	16.55	10.77	9.97	6.60	4.75	4.75	2.99	
23	6.60	8.52	29.03	31.78	22.46	13.21	19.41	9.97	7.88	4.15	3.56	2.99	
24	3.56	6.60	14.87	15.71	11.57	11.57	34.55	8.52	7.24	4.15	3.56	2.99	
25	3.56	5.36	31.78	12.39	14.87	9.97	35.95	8.52	6.60	4.75	4.15	3.56	
26	2.99	5.36	12.39	11.57	7.88	13.21	29.03	8.52	6.60	4.15	2.99	2.99	
27	2.99	5.98	10.77	10.77	16.55	10.77	16.55	9.97	6.60	4.15	3.56	2.99	
28	80.14	8.52	9.97	9.97	16.55	9.97	14.03	14.87	5.98	4.75	4.15	2.65	
29	24.53	9.97	9.18	9.97	14.03	15.71	12.39	10.77	5.98	4.15	3.56	2.65	
30	29.03	7.24	8.52	9.97	107.54	17.40	11.57	7.24	5.98	4.75		2.65	
31		9.97		9.18	35.95		18.40		5.98	4.75		2.65	
Total	239.66	247.41	518.18	652.29	439.93	662.88	649.24	436.22	389.41	153.44	112.25	98.20	4599.10
Mean	7.99	7.98	17.27	21.04	14.19	22.10	20.94	14.54	12.56	4.95	3.87	3.17	12.57
Max	80.14	25.57	82.21	161.94	107.54	177.85	61.82	46.41	67.86	5.98	4.75	4.15	177.85
Min	2.99	4.75	4.15	5.98	4.75	9.97	10.77	6.60	5.98	4.15	2.99	2.65	2.65

Stop - Program terminated.