

WATER YEAR 2019

SOUTHERN PENINSULA WEST COAST

Khlong Phang-nga at Ban Bang Tong, Phang-nga (X.245)

Location Lat. 08° - 30' - 49" N., Long. 98° - 30' - 15" E., Amphoe Mueang, Phang-nga
 Drainage Area 242.35 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH-48
 Period of Available Records 2006 - Cont' d
 Actual Measurement 2006 - 2011 , 2013 - Cont' d
 Using Rating Curve Water Year 2019
 Number of observation 20
 R - Square 0.8313
 Remarks Continued Sediment Station

QS =6.0932 QW^{1.2355}

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	55.75	35.88	74.66	133.98	27.64	1346.99	172.94	142.17	90.74	48.95	29.66	19.84	
2	55.75	33.78	60.38	129.92	29.66	811.11	246.76	129.92	94.54	48.95	31.71	17.97	
3	65.07	29.66	62.72	125.89	21.74	545.34	224.10	325.09	98.36	48.95	29.66	19.84	
4	60.38	35.88	67.45	113.93	25.64	441.02	165.85	501.36	90.74	48.95	29.66	19.84	
5	67.45	35.88	72.24	106.09	51.20	341.23	187.30	277.59	83.25	46.72	27.64	17.97	
6	79.55	42.32	113.93	98.36	27.64	277.59	187.30	201.87	79.55	46.72	27.64	16.14	
7	94.54	55.75	72.24	94.54	17.97	224.10	231.60	224.10	77.10	44.51	27.64	19.84	
8	51.20	55.75	277.59	90.74	35.88	194.56	441.02	262.09	74.66	44.51	27.64	21.74	
9	42.32	133.98	293.26	86.98	224.10	231.60	458.11	277.59	72.24	44.51	25.64	21.74	
10	42.32	133.98	432.52	90.74	824.52	165.85	341.23	216.64	72.24	44.51	25.64	19.84	
11	38.00	106.09	341.23	94.54	1186.69	154.62	254.40	172.94	69.84	42.32	25.64	17.97	
12	33.78	94.54	146.30	86.98	716.59	150.45	201.87	150.45	69.84	44.51	27.64	17.97	
13	33.78	86.98	117.89	86.98	357.52	142.17	246.76	138.06	69.84	42.32	25.64	27.64	
14	33.78	79.55	102.21	98.36	285.41	142.17	231.60	129.92	67.45	42.32	27.64	21.74	
15	33.78	83.25	90.74	86.98	246.76	246.76	187.30	194.56	65.07	40.15	31.71	19.84	
16	31.71	90.74	86.98	277.59	554.22	373.95	172.94	180.09	65.07	40.15	29.66	17.97	
17	31.71	79.55	79.55	325.09	1186.69	262.09	150.45	142.17	65.07	40.15	29.66	17.97	
18	29.66	69.84	121.88	1912.11	554.22	510.10	142.17	165.85	65.07	38.00	29.66	16.14	
19	29.66	69.84	121.88	4962.67	357.52	527.67	154.62	187.30	67.45	38.00	27.64	14.35	
20	29.66	69.84	94.54	2151.30	269.82	293.26	142.17	158.81	62.72	38.00	27.64	16.14	
21	27.64	67.45	98.36	1072.62	231.60	246.76	129.92	142.17	62.72	38.00	25.64	14.35	
22	27.64	65.07	94.54	527.67	285.41	209.23	146.30	129.92	60.38	38.00	23.68	14.35	
23	31.71	65.07	974.67	341.23	216.64	187.30	165.85	117.89	60.38	35.88	23.68	14.35	
24	29.66	67.45	77.10	246.76	246.76	150.45	165.85	113.93	58.06	35.88	23.68	14.35	
25	27.64	65.07	106.09	180.09	246.76	146.30	154.62	106.09	58.06	33.78	23.68	14.35	
26	27.64	69.84	277.59	129.92	216.64	133.98	133.98	106.09	55.75	35.88	21.74	16.14	
27	25.64	72.24	231.60	83.25	638.98	125.89	154.62	98.36	55.75	33.78	19.84	16.14	
28	31.71	69.84	187.30	55.75	518.87	129.92	146.30	106.09	53.46	31.71	21.74	16.14	
29	33.78	69.84	165.85	44.51	784.42	125.89	133.98	102.21	51.20	31.71	21.74	14.35	
30	33.78	77.10	142.17	33.78	2167.43	117.89	142.17	98.36	53.46	31.71		14.35	
31		172.94		29.66	1361.75		158.81		51.20	31.71		14.35	
Total	1236.67	2284.97	5185.46	13899.02	13916.66	8956.21	6172.88	5299.71	2121.24	1251.21	770.45	545.70	61640.18
Mean	41.22	73.71	172.85	448.36	448.92	298.54	199.13	176.66	68.43	40.36	26.57	17.60	168.42
Max	94.54	172.94	974.67	4962.67	2167.43	1346.99	458.11	501.36	98.36	48.95	31.71	27.64	4962.67
Min	25.64	29.66	60.38	29.66	17.97	117.89	129.92	98.36	51.20	31.71	19.84	14.35	14.35

Stop - Program terminated.