

**WATER YEAR 2019**

**SOUTHERN PENINSULA WEST COAST**

Khlong Palian at Ban Yantakhao , Trang ( X.236 )

Location Lat. 07° - 22' - 20" N., Long. 99° - 40' - 39" E., Amphoe Yantakhao , Trang  
 Drainage Area 587.80 sq. km.  
 Method of Sampling Depth Integrating  
 Instrument Used US DH-48  
 Period of Available Records 2005 - Cont' d  
 Actual Measurement 2005 - 2006, 2009 , 2013 - Cont' d  
 Using Rating Curve Water Year 2019  
 Number of observation 11  
 R - Square 0.7702  
 Remarks Continued Sediment Station

QS =2.146 QW<sup>1.3233</sup>

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	35.02	60.70	68.86	84.15	101.97	516.06	206.23	206.23	159.98	114.93	37.86	39.30	
2	40.75	68.86	80.69	89.41	120.59	456.24	219.32	284.78	193.33	105.63	30.87	33.63	
3	48.19	72.19	101.97	96.54	116.81	330.62	287.59	456.24	259.74	101.97	26.07	26.07	
4	60.70	75.56	111.19	101.97	122.50	259.74	431.17	473.15	216.69	164.06	27.12	24.00	
5	67.20	77.26	96.54	105.63	122.50	195.89	338.42	366.06	166.11	342.33	32.24	27.12	
6	67.20	84.15	101.97	103.80	98.34	149.88	374.06	281.97	136.02	304.63	36.44	32.24	
7	65.56	82.41	195.89	94.74	72.19	118.70	268.02	216.69	120.59	229.94	40.75	39.30	
8	63.93	75.56	188.23	78.97	52.80	103.80	208.83	237.98	114.93	183.17	51.25	49.72	
9	57.51	72.19	170.65	65.56	51.25	128.25	164.06	313.23	111.19	157.95	59.10	63.93	
10	51.25	62.31	141.92	52.80	62.31	139.95	248.80	254.26	105.63	137.98	68.86	75.56	
11	42.21	49.72	122.50	43.69	87.64	141.92	208.83	251.53	101.97	120.59	75.56	80.69	
12	33.63	42.21	109.33	48.19	100.15	126.33	203.63	216.69	100.15	103.80	82.41	78.97	
13	25.03	39.30	105.63	54.36	94.74	120.59	190.78	201.04	94.74	100.15	82.41	75.56	
14	25.03	46.68	98.34	68.86	91.18	122.50	473.15	185.69	92.95	84.15	77.26	63.93	
15	32.24	55.93	114.93	68.86	128.25	134.07	319.00	164.06	96.54	73.87	59.10	46.68	
16	42.21	85.89	132.12	73.87	529.10	170.65	296.08	153.90	118.70	65.56	43.69	32.24	
17	51.25	128.25	118.70	89.41	749.20	147.88	254.26	137.98	109.33	63.93	28.18	24.00	
18	72.19	100.15	109.33	132.12	443.67	132.12	248.80	124.41	111.19	68.86	27.12	24.00	
19	77.26	89.41	109.33	126.33	296.08	114.93	235.29	114.93	134.07	68.86	30.87	27.12	
20	85.89	80.69	100.15	126.33	211.44	98.34	237.98	155.92	103.80	73.87	32.24	30.87	
21	87.64	77.26	92.95	143.90	155.92	89.41	235.29	307.49	87.64	80.69	32.24	36.44	
22	78.97	120.59	87.64	118.70	190.78	67.20	237.98	198.47	80.69	85.89	36.44	43.69	
23	65.56	100.15	118.70	100.15	170.65	94.74	219.32	183.17	80.69	91.18	43.69	51.25	
24	52.80	78.97	126.33	91.18	122.50	62.31	216.69	157.95	80.69	87.64	48.19	59.10	
25	42.21	52.80	85.89	73.87	224.61	72.19	235.29	168.17	78.97	75.56	52.80	62.31	
26	29.52	37.86	80.69	60.70	473.15	107.48	216.69	193.33	80.69	60.70	57.51	60.70	
27	26.07	37.86	94.74	52.80	358.11	111.19	229.94	180.64	77.26	46.68	57.51	60.70	
28	25.03	35.02	82.41	60.70	319.00	116.81	221.96	203.63	77.26	36.44	54.36	59.10	
29	33.63	39.30	78.97	68.86	287.59	124.41	208.83	257.00	70.52	30.87	48.19	55.93	
30	48.19	48.19	82.41	75.56	427.03	151.89	198.47	188.23	65.56	27.12		48.19	
31		60.70		85.89	667.24		183.17		55.93	30.87		37.86	
Total	1533.90	2138.10	3308.99	2637.86	7049.28	4706.07	7817.91	6834.80	3483.53	3319.86	1380.32	1470.17	45680.81
Mean	51.13	68.97	110.30	85.09	227.40	156.87	252.19	227.83	112.37	107.09	47.60	47.42	124.81
Max	87.64	128.25	195.89	143.90	749.20	516.06	473.15	473.15	259.74	342.33	82.41	80.69	749.20
Min	25.03	35.02	68.86	43.69	51.25	62.31	164.06	114.93	55.93	27.12	26.07	24.00	24.00

Stop - Program terminated.