

WATER YEAR 2022
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 730.88 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US.DH-48
 Period of Available Records 2005 - Cont' d
 Actual Measurement 2005 - 2006, 2010 - Cont' d
 Using Rating Curve Water Year 2022
 Number of observation 19
 R - Square 0.7079
 Remarks Continued Sediment Station

QS =2.3872 QW^{1.2688}

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	341.2	250.1	307.3	297.2	309.9	100.8	631.0	294.7	226.0	143.9	58.8	32.1	2992.90
2	341.2	230.7	522.6	304.8	329.1	226.0	463.6	374.9	228.4	137.5	60.3	34.7	3253.73
3	304.8	186.3	542.6	289.6	359.5	204.7	603.5	274.6	262.3	135.3	66.4	38.8	3268.48
4	307.3	165.9	353.4	294.7	279.6	309.9	418.7	242.8	368.7	148.3	78.9	44.3	3012.49
5	259.8	141.8	329.1	428.3	235.5	272.2	403.0	257.4	460.3	146.1	78.9	51.5	3063.82
6	247.6	170.4	368.7	329.1	204.7	226.0	841.5	329.1	353.4	143.9	83.7	58.8	3356.97
7	274.6	216.5	457.1	289.6	223.6	209.4	956.4	457.1	329.1	146.1	85.3	69.5	3714.36
8	240.4	193.2	297.2	233.1	188.6	218.8	927.4	344.2	356.4	159.3	86.9	74.2	3319.59
9	204.7	179.4	309.9	204.7	174.9	223.6	711.5	307.3	371.8	157.1	85.3	71.0	3001.33
10	186.3	165.9	279.6	204.7	200.1	214.1	552.6	269.7	356.4	148.3	96.1	67.9	2741.85
11	159.3	157.1	338.2	202.4	200.1	207.1	473.3	269.7	307.3	137.5	96.1	67.9	2615.87
12	118.5	190.8	390.4	214.1	207.1	226.0	406.1	279.6	302.2	126.8	88.5	66.4	2616.67
13	200.1	190.8	353.4	233.1	209.4	267.2	356.4	250.1	292.1	118.5	78.9	52.9	2603.00
14	193.2	214.1	302.2	240.4	202.4	284.6	428.3	250.1	257.4	135.3	63.4	41.5	2612.84
15	233.1	216.5	409.3	230.7	320.1	250.1	381.1	450.7	228.4	112.3	51.5	26.9	2910.55
16	221.2	228.4	428.3	216.5	309.9	274.6	502.8	378.0	250.1	92.1	51.5	17.2	2970.48
17	207.1	262.3	425.1	154.8	287.1	216.5	610.4	332.1	223.6	82.1	60.3	22.0	2883.37
18	195.5	240.4	344.2	179.4	245.2	174.9	586.5	312.4	603.5	80.5	77.3	33.4	3073.16
19	186.3	202.4	320.1	186.3	228.4	221.2	884.2	282.1	1814.0	85.3	86.9	42.9	4540.05
20	168.2	168.2	309.9	216.5	186.3	154.8	1165.1	254.9	1024.8	90.2	108.2	63.4	3910.39
21	154.8	161.5	463.6	157.1	211.8	193.2	922.6	254.9	697.9	168.2	116.4	72.6	3574.41
22	126.8	157.1	368.7	137.5	196.2	193.2	688.8	344.2	539.2	137.5	131.1	82.1	3102.38
23	98.1	141.8	309.9	209.4	113.6	233.1	559.4	444.2	412.4	143.9	116.4	83.7	2865.96
24	75.7	112.3	688.8	269.7	133.9	332.1	463.6	1459.0	341.2	148.3	96.1	80.5	4201.11
25	78.9	106.1	648.4	309.9	146.5	245.2	489.6	743.6	299.7	148.3	78.9	72.6	3367.60
26	96.1	118.5	457.1	238.0	126.5	230.7	576.3	519.3	272.2	159.3	55.9	58.8	2908.52
27	179.4	120.5	353.4	267.2	111.6	235.5	734.4	412.4	254.9	116.4	41.5	44.3	2871.70
28	141.8	128.9	332.1	403.0	180.2	185.5	644.9	323.1	223.6	83.7	32.1	25.7	2704.48
29	174.9	195.5	315.0	437.8	146.5	479.8	492.9	279.6	197.8	67.9		12.8	2800.44
30	188.6	341.2	294.7	412.4	111.6	441.0	371.8	252.5	172.6	60.3		5.8	2652.45
31		371.8		356.4	102.1		329.1		152.7	71.0		7.6	1390.73
Total	5905.39	5926.22	11620.01	8148.50	6481.85	7251.93	18576.72	11244.33	12180.43	3831.03	2211.46	1523.82	94901.70
Mean	196.85	191.17	387.33	262.85	209.09	241.73	599.25	374.81	392.92	123.58	78.98	49.16	260.00
Max	341.19	371.80	688.84	437.83	359.49	479.81	1165.15	1458.97	1813.97	168.16	131.07	83.68	1813.97
Min	75.72	106.14	279.62	137.47	102.09	100.75	329.10	242.78	152.65	60.33	32.08	5.75	5.75

Stop - Program terminated.