

WATER YEAR 2023
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 2023
 Number of observation 24
 R - Square 0.785
 Remarks Continued Sediment Station

QS =3.0197 QW^{1.1969}

Water Year - 2023

Suspended Sediment, in Tons per Day, Water Year April 1, 2023 to March 31, 2024

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	32.3	43.3	156.0	599.1	185.5	215.0	386.2	285.2	441.6	174.9	92.2	62.1	2673.50
2	40.5	51.8	151.9	1152.1	251.2	915.3	324.6	262.5	509.7	156.0	77.2	51.8	3944.67
3	50.4	68.1	170.6	635.6	233.4	694.4	303.7	313.0	524.4	139.6	63.6	40.5	3237.10
4	66.5	86.5	166.4	480.4	224.5	694.4	287.5	289.8	503.8	121.4	53.3	28.4	3003.15
5	75.7	90.3	168.5	370.6	204.9	659.2	287.5	299.0	415.1	109.6	47.5	22.0	2749.88
6	77.2	113.5	189.8	350.5	179.1	659.2	310.6	273.8	336.4	99.9	50.4	29.7	2670.04
7	86.5	121.4	222.3	264.7	151.9	515.6	278.4	231.2	285.2	101.8	59.1	39.1	2357.34
8	86.5	135.5	237.8	229.0	139.6	396.7	251.2	207.0	255.7	121.4	69.6	50.4	2180.40
9	74.1	113.5	189.8	240.0	121.4	341.1	215.8	204.9	231.2	90.3	82.8	65.0	1969.89
10	80.9	115.5	153.9	209.2	166.4	399.3	196.2	226.7	220.1	119.4	97.9	79.1	2064.80
11	80.9	94.1	153.9	233.4	211.4	578.1	194.1	331.7	209.2	127.4	105.7	90.3	2410.15
12	54.7	68.1	129.4	229.0	209.2	399.3	242.3	336.4	196.2	137.5	105.7	97.9	2205.64
13	41.9	72.6	115.5	200.5	217.9	331.7	273.8	294.4	189.8	143.6	99.9	99.9	2081.53
14	35.0	71.1	127.4	174.9	338.7	294.4	287.5	365.4	244.5	139.6	88.4	92.2	2259.23
15	40.5	80.9	135.5	160.2	1269.3	273.8	383.6	336.4	246.7	137.5	82.8	72.6	3219.84
16	50.4	88.4	125.4	179.1	1052.0	278.4	590.1	296.7	211.4	127.4	62.1	51.8	3113.21
17	62.1	105.7	123.4	166.4	794.5	271.6	407.2	299.0	181.2	115.5	23.2	29.7	2579.57
18	74.1	119.4	147.8	162.3	581.1	249.0	338.7	299.0	162.3	99.9	25.8	13.5	2272.84
19	86.5	117.5	179.1	235.6	449.6	280.7	308.3	276.1	147.8	84.7	23.2	13.5	2202.58
20	94.1	125.4	158.1	373.2	373.2	271.6	285.2	264.7	151.9	75.7	29.7	22.0	2224.71
21	96.0	129.4	137.5	296.7	310.6	251.2	324.6	224.5	131.5	71.1	41.9	32.3	2047.52
22	92.2	123.4	121.4	289.8	269.3	271.6	287.5	207.0	119.4	75.7	50.4	43.3	1951.08
23	97.9	103.7	107.6	271.6	262.5	557.1	287.5	198.4	119.4	90.3	56.2	59.1	2211.41
24	96.0	94.1	96.0	240.0	229.0	373.2	253.5	198.4	121.4	99.9	60.6	72.6	1934.67
25	72.6	77.2	82.8	200.5	196.2	350.5	338.7	202.7	394.0	213.6	66.5	75.7	2271.07
26	54.7	66.5	75.7	181.2	191.9	593.1	310.6	336.4	452.3	355.3	68.1	77.2	2762.98
27	40.5	65.0	84.7	183.4	233.4	783.7	329.3	439.0	285.2	198.4	63.6	75.7	2781.74
28	31.0	86.5	121.4	158.1	213.6	787.3	368.0	415.1	233.4	168.5	62.1	74.1	2719.10
29	29.7	94.1	129.4	143.6	211.4	587.1	468.8	417.7	222.3	127.4	68.1	72.6	2572.34
30	35.0	127.4	151.9	145.7	107.3	471.7	394.0	608.2	231.2	115.5		59.1	2447.04
31		143.6		162.3	115.5		331.7		196.2	111.5		51.8	1112.62
Total	1936.74	2993.90	4311.22	8918.83	9695.51	13744.92	9846.89	8940.45	8170.61	4050.29	1877.26	1745.01	76231.64
Mean	64.56	96.58	143.71	287.70	312.76	458.16	317.64	298.02	263.57	130.65	64.73	56.29	2494.37
Max	97.95	143.65	237.82	1152.13	1269.35	915.29	590.10	608.22	524.45	355.28	105.68	99.87	1269.35
Min	29.69	43.29	75.66	143.65	107.31	215.03	194.06	198.37	119.45	71.08	23.23	13.53	13.53

Stop - Program terminated.