

**WATER YEAR 2023**  
**SOUTHERN PENINSULA WEST COAST**

Khlong Tha Di at Ban Wang Sai, NaKhon Si Thammarat ( X.200 )

Location Lat 08° - 24' - 30.03" N., Long. 99° - 47' - 52" E., Amphoe Lan SaKa, NaKhon Si Thammarat

Drainage Area 79.31 sq. km.

Method of Sampling Depth Integrating  
Instrument Used US DH-48

Period of Available Records 2023

Actual Measurement 2023

Using Rating Curve Water Year 2023

Number of observation 39

R - Square 0.9293

Remarks Continued Sediment Station

QS =2.5201 QW1.4863

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	11.03	19.78	12.90	41.64	25.94	32.62	18.33	149.54	368.14	47.88	37.94	22.79	788.53
2	11.03	45.45	10.13	21.27	22.79	80.10	16.91	88.97	158.17	43.53	36.14	21.27	555.76
3	18.33	29.22	10.13	16.91	18.33	52.87	15.54	55.42	190.35	41.64	34.36	21.27	504.37
4	14.20	22.79	10.13	11.95	15.54	43.53	14.20	47.88	391.33	41.64	34.36	21.27	668.82
5	18.33	16.91	11.03	11.03	12.90	34.36	15.54	37.94	308.62	50.35	32.62	21.27	570.90
6	15.54	14.20	11.03	10.13	11.95	24.35	15.54	30.90	171.40	41.64	30.90	21.27	398.85
7	11.95	12.90	15.54	10.13	11.95	21.27	18.33	27.56	120.62	39.78	30.90	19.78	340.72
8	11.03	11.95	14.20	9.26	18.33	18.33	16.91	25.94	91.99	43.53	30.90	19.78	312.15
9	11.03	12.90	11.95	10.13	15.54	16.91	12.90	45.45	74.37	39.78	29.22	21.27	301.44
10	18.33	15.54	15.54	9.26	18.33	22.79	12.90	32.62	74.37	39.78	29.22	22.79	311.45
11	36.14	11.03	22.79	10.13	16.91	18.33	12.90	71.55	60.65	37.94	29.22	21.27	348.86
12	58.02	10.13	21.27	9.26	12.90	16.91	12.90	112.74	52.87	36.14	29.22	19.78	392.13
13	52.87	10.13	14.20	8.41	14.20	15.54	18.33	282.80	58.02	36.14	30.90	19.78	561.31
14	47.88	9.26	11.95	6.80	29.22	15.54	18.33	145.29	58.02	34.36	30.90	18.33	425.87
15	47.88	9.26	10.13	7.59	36.14	16.91	30.90	120.62	71.55	37.94	30.90	19.78	439.61
16	52.87	10.13	11.03	12.90	29.22	16.91	27.56	252.64	58.02	52.87	27.56	18.33	570.03
17	14.20	18.33	10.13	11.95	22.79	15.54	98.13	473.97	52.87	37.94	27.56	18.33	801.75
18	11.95	10.13	11.03	14.20	16.91	12.90	45.45	1121.09	50.35	41.64	27.56	16.91	1380.13
19	11.03	11.03	9.26	37.94	19.78	19.78	29.22	288.96	85.98	55.42	25.94	16.91	611.26
20	10.13	9.26	9.26	36.14	30.90	18.33	39.78	166.95	55.42	39.78	27.56	16.91	460.42
21	10.13	10.13	8.41	36.14	19.78	18.33	34.36	116.66	47.88	36.14	27.56	15.54	381.06
22	10.13	10.13	8.41	39.78	15.54	21.27	141.07	95.05	98.13	36.14	25.94	15.54	517.12
23	11.95	9.26	7.59	25.94	15.54	19.78	88.97	85.98	60.65	41.64	25.94	15.54	408.77
24	10.13	8.41	9.26	25.94	15.54	16.91	68.77	77.22	83.03	39.78	24.35	14.20	393.53
25	11.03	8.41	10.13	22.79	24.35	36.14	55.42	88.97	246.74	422.96	24.35	14.20	965.50
26	10.13	9.26	10.13	19.78	37.94	74.37	47.88	483.35	95.05	132.77	24.35	14.20	959.21
27	9.26	10.13	9.26	15.54	27.56	58.02	37.94	610.63	66.03	66.03	24.35	14.20	948.93
28	9.26	10.13	9.26	14.20	19.78	37.94	32.62	464.65	55.42	47.88	22.79	12.90	736.83
29	10.13	12.90	8.41	14.20	16.91	25.94	29.22	235.09	52.87	43.53	22.79	12.90	484.88
30	10.13	12.90	8.41	14.20	16.91	21.27	29.22	282.80	66.03	39.78		18.33	519.97
31		11.95		22.79	15.54		29.22		52.87	37.94		18.33	188.64
Total	586.035	423.935	342.898	558.331	625.959	843.7951	1085.27	6119.24	3477.78	1784.308	836.298	564.966	17248.81
Mean	19.53	13.68	11.43	18.01	20.19	28.13	35.01	203.97	112.19	57.56	28.84	18.22	47.23
Max	58.02	45.45	22.79	41.64	37.94	80.10	141.07	1121.09	391.33	422.96	37.94	22.79	1121.09
Min	9.26	8.41	7.59	6.80	11.95	12.90	12.90	25.94	47.88	34.36	22.79	12.90	6.80

Stop - Program terminated.