

WATER YEAR 2024
SOUTHERN PENINSULA EAST COAST

Khlong Klai at Ban Thai Na , Nakhon Si Thammarat (X.149)

Location	Lat.08° - 43' - 46" N., Long.99° - 44' - 53" E., Amphoe Nopphitam, Nakhon Si Thammarat
Drainage Area	477.26 sq. km.
Method of Sampling	Depth Integrating
Instrument Used	US DH - 48
Period of Available Records	1998 - Cont' d
Actual Measurement	1998 - 2006, 2012 - Cont' d
Using Rating Curve Water Year	2024
Number of observation	22
R - Square	0.7542
Remarks	Continued Sediment Station

QS =5.3776 QW^{1.1073}

Water Year - 2024

Suspended Sediment in Tons Per Day, Water Year April 1, 2024 to March 31, 2025

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	125.92	31.60	54.52	150.38	125.92	44.55	19.16	72.67	439.13	1016.09	658.51	1003.23	3741.68
2	162.76	51.18	72.67	95.99	162.76	38.02	51.18	90.10	336.41	964.76	638.61	926.44	3590.88
3	119.87	41.28	125.92	72.67	168.99	41.28	291.37	131.99	270.41	926.44	628.69	868.75	3687.65
4	125.92	34.80	72.67	78.44	125.92	38.02	144.23	270.41	235.82	900.97	618.78	836.65	3482.61
5	95.99	125.92	51.18	208.49	144.23	34.80	125.92	181.51	228.95	913.70	618.78	815.31	3544.76
6	78.44	188.22	41.28	131.99	188.22	51.18	95.99	138.10	201.71	879.48	608.88	762.21	3365.68
7	72.67	113.85	34.80	90.10	150.38	44.55	84.25	201.71	188.22	858.04	608.88	730.51	3177.97
8	66.94	90.10	28.44	107.86	188.22	44.55	72.67	242.70	181.51	836.65	599.00	698.95	3157.59
9	61.27	66.94	25.31	95.99	305.43	34.80	131.99	312.49	222.11	815.31	589.14	719.98	3380.76
10	57.88	72.67	22.21	162.76	235.82	28.44	113.85	465.20	181.51	794.03	589.14	688.46	3411.97
11	54.52	119.87	25.31	277.38	95.99	25.31	181.51	291.37	162.76	783.41	579.29	1093.55	3690.26
12	51.18	78.44	38.02	298.40	61.27	19.16	319.56	249.60	228.95	772.80	569.46	751.63	3438.46
13	51.18	57.88	34.80	263.45	47.85	25.31	327.97	188.22	1132.49	762.21	559.65	638.61	4089.62
14	47.85	51.18	25.31	228.95	41.28	31.60	188.22	144.23	2156.06	751.63	559.65	599.00	4824.95
15	47.85	44.55	22.21	188.22	38.02	31.60	194.95	113.85	1940.02	741.06	589.14	559.65	4511.14
16	44.55	51.18	22.21	162.76	51.18	31.60	208.49	95.99	7290.61	1067.67	559.65	520.55	10106.44
17	41.28	72.67	61.27	215.29	72.67	25.31	188.22	84.25	2192.28	1016.09	540.07	501.11	5010.50
18	38.02	61.27	51.18	242.70	113.85	25.31	156.56	84.25	1631.75	858.04	540.07	482.67	4285.65
19	38.02	54.52	47.85	201.71	201.71	34.80	119.87	90.10	1401.34	804.66	530.30	540.07	4064.96
20	125.92	57.88	47.85	162.76	131.99	47.85	84.25	107.86	1255.11	783.41	540.07	599.00	3943.96
21	138.10	138.10	44.55	228.95	78.44	84.25	66.94	549.85	1174.56	772.80	549.85	510.82	4337.21
22	138.10	119.87	44.55	175.24	66.94	54.52	54.52	668.48	1145.49	762.21	540.07	473.93	4243.91
23	84.25	78.44	84.25	138.10	162.76	41.28	51.18	520.55	1106.52	741.06	608.88	465.20	4082.47
24	57.88	57.88	107.86	119.87	72.67	38.02	47.85	698.95	1080.60	730.51	2932.33	447.81	6392.25
25	47.85	57.88	90.10	107.86	107.86	41.28	57.88	926.44	1041.85	719.98	2410.79	430.47	6040.24
26	44.55	72.67	66.94	90.10	54.52	57.88	54.52	977.57	964.76	709.46	1385.02	421.83	4899.82
27	38.02	66.94	61.27	107.86	113.85	41.28	66.94	559.65	964.76	698.95	1080.60	421.83	4221.96
28	38.02	61.27	119.87	194.95	284.37	31.60	51.18	540.07	1255.11	698.95	1016.09	430.47	4721.95
29	34.80	66.94	256.52	284.37	113.85	28.44	138.10	1003.23	1483.24	698.95		430.47	4538.91
30	31.60	54.52	235.82	188.22	72.67	25.31	327.97	638.61	1222.83	688.46		396.01	3882.02
31		51.18		144.23	51.18		113.85		1080.60	668.48		387.44	2496.95
Total	2161.21	2291.68	2016.72	5216.06	3830.81	1141.89	4131.14	10639.99	34397.48	25136.23	22249.36	19152.62	132365.18 Ton
Mean	72.04	73.93	67.22	168.26	123.57	38.06	133.26	354.67	1109.60	810.85	794.62	617.83	363.66
Max	162.76	188.22	256.52	298.40	305.43	84.25	327.97	1003.23	7290.61	1067.67	2932.33	1093.55	7290.61
Min	31.60	31.60	22.21	72.67	38.02	19.16	19.16	72.67	162.76	668.48	530.30	387.44	19.16

Stop - Program terminated.