

WATER YEAR 2023
SOUTHERN PENINSULA EAST COAST

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

Location Lat08° - 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 2023
 Number of observation 27
 R - Square 0.9055
 Remarks Continued Sediment Station

QS =1.9809 QW^{1.5976}

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	134.25	91.33	588.28	588.28	172.86	125.18	48.48	1293.36	3420.78	153.10	68.65	16.72	6701.26
2	125.18	226.08	788.39	541.10	226.08	755.97	48.48	1102.40	1960.92	134.25	61.63	16.72	5987.19
3	125.18	193.51	923.10	226.08	162.87	328.24	153.10	495.40	2338.96	134.25	51.66	16.72	5149.05
4	183.07	107.75	724.06	162.87	162.87	290.57	75.94	290.57	2682.44	125.18	48.48	16.72	4870.51
5	237.35	99.41	636.93	134.25	153.10	254.64	61.63	215.01	1908.97	143.56	45.38	14.66	3904.89
6	172.86	125.18	923.10	107.75	125.18	183.07	91.33	162.87	1177.42	134.25	45.38	10.85	3259.23
7	143.56	107.75	958.00	91.33	116.34	153.10	162.87	134.25	1806.64	125.18	45.38	10.85	3855.25
8	125.18	125.18	661.80	99.41	143.56	134.25	661.80	143.56	923.10	134.25	42.35	9.12	3203.55
9	107.75	162.87	495.40	226.08	237.35	143.56	134.25	162.87	661.80	143.56	42.35	9.12	2526.95
10	107.75	309.19	387.91	134.25	408.62	134.25	91.33	143.56	541.10	125.18	42.35	9.12	2434.60
11	99.41	143.56	429.72	125.18	215.01	387.91	193.51	125.18	429.72	116.34	39.41	7.49	2312.44
12	99.41	99.41	451.23	125.18	172.86	162.87	116.34	172.86	387.91	107.75	61.63	7.49	1964.95
13	99.41	83.50	429.72	134.25	172.86	143.56	116.34	1215.61	367.61	99.41	193.51	5.99	3061.78
14	99.41	68.65	347.72	107.75	387.91	153.10	143.56	1177.42	451.23	91.33	61.63	5.07	3094.76
15	116.34	61.63	290.57	99.41	612.43	237.35	215.01	958.00	429.72	83.50	51.66	5.07	3160.69
16	107.75	107.75	272.38	91.33	429.72	183.07	429.72	2623.98	328.24	99.41	45.38	5.07	4723.81
17	107.75	162.87	237.35	162.87	328.24	172.86	1465.41	5296.98	272.38	83.50	42.35	4.20	8336.77
18	91.33	107.75	237.35	204.15	226.08	143.56	888.68	6664.68	254.64	83.50	42.35	3.39	8947.45
19	83.50	91.33	237.35	226.08	215.01	237.35	254.64	2682.44	237.35	75.94	39.41	3.39	4383.77
20	107.75	75.94	215.01	408.62	172.86	387.91	143.56	1254.26	204.15	61.63	36.54	16.72	3084.94
21	91.33	68.65	193.51	272.38	153.10	193.51	125.18	755.97	172.86	54.91	36.54	143.56	2261.48
22	107.75	99.41	172.86	661.80	183.07	290.57	328.24	518.06	162.87	51.66	31.06	134.25	2741.60
23	162.87	183.07	162.87	290.57	183.07	541.10	564.51	408.62	143.56	54.91	28.44	125.18	2848.76
24	107.75	153.10	153.10	309.19	125.18	347.72	215.01	347.72	162.87	61.63	25.91	125.18	2134.36
25	99.41	347.72	172.86	290.57	107.75	204.15	226.08	309.19	692.67	2508.50	23.48	116.34	5098.72
26	83.50	367.61	429.72	387.91	99.41	429.72	387.91	8350.32	387.91	888.68	23.48	107.75	11943.92
27	75.94	408.62	661.80	215.01	83.50	387.91	290.57	8350.32	215.01	328.24	23.48	107.75	11148.14
28	75.94	473.12	473.12	193.51	75.94	134.25	612.43	5296.98	172.86	183.07	18.87	99.41	7809.50
29	68.65	788.39	518.06	162.87	99.41	83.50	237.35	3420.78	162.87	143.56	18.87	99.41	5803.72
30	68.65	724.06	564.51	143.56	91.33	61.63	226.08	2860.71	254.64	107.75		116.34	5219.25
31		788.39		237.35	83.50		612.43		193.51	91.33		183.07	2189.57
Total	3415.98	6952.76	13737.77	7160.91	6127.06	7386.43	9321.74	56933.92	23506.70	6729.31	1337.59	1552.71	144162.90
Mean	113.87	224.28	457.93	231.00	197.65	246.21	300.70	1897.80	758.28	217.07	46.12	50.09	395.08
Max	237.35	788.39	958.00	661.80	612.43	755.97	1465.41	8350.32	3420.78	2508.50	193.51	183.07	8350.32
Min	68.65	61.63	153.10	91.33	75.94	61.63	48.48	125.18	143.56	51.66	18.87	3.39	3.39

Stop - Program terminated.