

**WATER YEAR 2023**  
**SOUTHERN PENINSULA EAST COAST**

Khlong Tha Phae, at Ban Karaket, Satun ( X.261 )

Location Lat 07° - 46' - 15" N., Long. 99° - 32' - 14" E., Ban Tha Phae, Amphoe Khuan Kalong Satun  
 Drainage Area 78.94 sq. km.  
 Method of Sampling Depth Integrating  
 Instrument Used US DH-49  
 Period of Available Records 2007 - Cont' d  
 Actual Measurement 2007 - 2008,2021- Cont' d  
 Using Rating Curve Water Year 2023  
 Number of observation 24  
 R - Square 0.8643  
 Remarks Continued Sediment Station

QS =5.1083 QW1.2225

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	3.9	4.2	1.9	282.0	38.5	21.2	68.6	27.1	31.9	20.8	5.1	2.7	507.95
2	3.9	4.2	1.9	33.8	109.4	92.6	56.5	31.9	40.0	14.1	3.6	2.7	394.66
3	3.9	4.2	2.7	22.4	22.8	86.3	49.6	27.7	28.3	13.8	3.0	2.5	267.22
4	3.9	4.2	3.6	10.8	35.6	72.2	46.6	38.5	32.6	13.4	2.7	2.2	266.37
5	3.9	4.2	3.9	9.8	23.2	72.2	46.6	23.2	28.3	10.8	2.7	2.2	231.07
6	4.2	3.9	3.9	9.8	24.2	72.2	46.6	18.4	27.7	10.1	2.7	1.9	225.66
7	4.2	3.6	4.2	9.4	26.0	72.2	46.6	18.4	27.7	10.1	2.7	1.9	227.06
8	4.2	3.3	4.8	9.4	26.5	72.2	46.6	18.4	27.7	9.1	2.7	1.7	226.66
9	4.2	3.0	5.1	9.4	31.3	72.2	46.6	18.4	27.7	9.1	2.7	1.4	231.23
10	4.2	2.7	5.1	9.4	38.5	72.2	45.1	18.4	27.7	8.7	2.7	1.4	236.29
11	4.2	2.2	5.1	9.4	26.0	72.2	43.6	18.4	27.7	8.4	2.7	1.4	221.36
12	4.2	2.2	5.1	9.4	22.0	72.2	41.4	18.0	27.7	8.0	2.7	1.4	214.45
13	4.2	1.9	5.1	9.4	22.0	72.2	34.4	17.6	27.7	8.0	2.7	1.4	206.78
14	4.2	1.9	5.1	9.4	149.7	72.2	25.4	17.6	27.7	8.0	2.7	1.4	325.49
15	4.2	1.9	5.1	9.4	287.2	72.2	22.0	17.2	84.2	7.7	2.7	1.4	515.29
16	4.2	1.9	5.1	9.4	86.3	72.2	21.6	22.0	35.0	7.7	2.7	1.4	269.63
17	4.2	1.9	5.1	9.4	51.9	72.2	21.6	28.3	28.3	7.7	2.7	1.4	234.83
18	4.2	1.9	5.1	10.1	27.1	71.3	21.6	27.7	28.3	7.7	2.7	1.4	209.29
19	4.2	1.9	5.1	76.0	22.4	70.4	21.6	27.7	28.3	7.7	2.7	1.4	269.50
20	4.2	1.9	5.1	80.1	45.1	69.5	21.6	27.7	28.3	7.7	2.7	1.4	295.41
21	4.2	1.9	5.1	22.4	22.8	69.5	21.6	27.7	28.3	7.7	2.7	1.4	215.42
22	4.2	1.9	5.1	22.4	33.8	68.6	21.6	27.7	27.7	7.7	2.7	1.4	224.90
23	4.2	1.9	5.1	21.6	19.6	68.6	21.2	27.7	27.7	7.7	2.7	1.4	209.46
24	4.2	1.9	5.1	21.6	13.8	68.6	20.8	27.7	27.7	7.7	2.7	1.4	203.26
25	4.2	1.9	5.1	21.6	13.4	68.6	20.0	27.7	104.8	7.7	2.7	1.2	278.93
26	4.2	1.9	5.1	21.6	13.4	68.6	19.6	191.1	23.2	7.0	2.7	1.2	359.62
27	4.2	1.9	5.1	21.6	13.4	68.6	19.6	46.6	22.4	7.0	2.7	1.2	214.30
28	4.2	1.9	5.1	21.6	13.4	68.6	19.6	28.9	22.4	6.7	2.7	1.2	196.30
29	4.2	1.9	5.1	21.6	13.4	68.6	19.6	51.1	22.4	6.1	2.7	1.2	217.84
30	4.2	1.9	5.1	21.6	13.0	68.6	19.6	87.4	22.4	6.1		1.2	250.97
31		1.9		21.6	13.0		19.6		22.4	6.1		1.2	85.72
Total	124.14	78.42	139.32	877.37	1298.71	2109.30	996.56	1006.45	994.79	276.31	82.85	48.68	8032.90
Mean	4.14	2.53	4.64	28.30	41.89	70.31	32.15	33.55	32.09	8.91	2.86	1.57	262.94
Max	4.19	4.19	5.11	281.96	287.16	92.62	68.60	191.09	104.82	20.77	5.11	2.74	287.16
Min	3.89	1.92	1.92	9.42	13.02	21.17	19.57	17.20	22.39	6.06	2.74	1.17	1.17

Stop - Program terminated.