

WATER YEAR 2024
SOUTHERN PENINSULA EAST COAST

Khleng 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	2024
Number of observation	23
R - Square	0.8108
Remarks	Continued Sediment Station

QS =6.0471 QW1.2991

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	2.9	10.4	24.1	3.6	4.2	84.3	85.7	81.4	94.5	16.8	12.1	8.8	429.00
2	2.9	11.2	23.0	5.0	4.2	84.3	85.7	94.5	112.6	12.1	12.1	9.5	457.40
3	2.9	11.2	22.0	5.0	4.2	84.3	85.7	84.3	85.7	12.1	12.1	9.5	419.21
4	2.9	11.2	19.9	5.0	4.2	84.3	143.6	109.6	96.0	12.1	12.1	9.5	510.48
5	2.9	11.2	13.0	5.7	4.2	84.3	245.8	73.0	85.7	12.1	12.1	8.8	558.82
6	3.6	12.1	7.9	6.4	4.2	84.3	183.0	56.7	35.4	12.1	12.1	8.8	426.75
7	4.2	13.9	5.0	7.2	4.2	84.3	88.6	56.7	22.0	12.1	12.1	8.8	319.18
8	4.2	15.9	4.2	7.2	4.2	97.5	114.2	56.7	22.0	12.1	12.1	8.8	359.11
9	5.0	15.9	4.2	7.9	4.2	84.3	149.0	56.7	22.0	12.1	12.1	10.4	383.83
10	7.2	15.9	4.2	8.8	4.2	84.3	88.6	56.7	22.0	12.1	12.1	7.9	324.05
11	8.8	15.9	4.2	8.8	4.2	84.3	88.6	56.7	22.0	12.1	12.1	7.9	325.64
12	8.8	17.8	4.2	9.5	4.2	84.3	88.6	55.4	22.0	12.1	12.1	7.9	327.10
13	8.8	18.9	4.2	9.5	4.2	229.7	88.6	54.1	22.0	12.1	12.1	7.2	471.45
14	8.8	19.9	4.2	9.5	4.2	147.2	176.8	54.1	22.0	12.1	12.1	7.2	478.09
15	9.5	19.9	4.2	9.5	4.2	473.7	96.0	52.8	22.0	12.1	12.1	6.4	722.58
16	9.5	19.9	3.6	9.5	4.2	441.8	29.6	68.8	22.0	12.1	12.1	6.4	639.70
17	9.5	19.9	3.6	10.4	5.0	405.0	29.6	85.7	22.0	12.1	12.1	5.7	620.71
18	9.5	19.9	3.6	10.4	5.0	438.6	29.6	84.3	22.0	12.1	12.1	5.7	652.87
19	9.5	19.9	3.6	10.4	5.0	371.8	29.6	84.3	22.0	12.1	12.1	5.0	585.40
20	9.5	19.9	3.6	10.4	5.0	170.7	29.6	84.3	22.0	12.1	12.1	5.0	384.24
21	9.5	20.9	3.6	8.8	5.0	126.7	29.6	84.3	22.0	12.1	12.1	4.2	338.92
22	9.5	20.9	3.6	6.4	6.4	91.6	29.6	84.3	22.0	12.1	12.1	4.2	302.95
23	9.5	23.0	3.6	4.2	7.9	87.2	29.6	84.3	22.0	12.1	12.1	3.6	299.30
24	9.5	23.0	3.6	4.2	9.5	84.3	29.6	84.3	22.0	12.1	11.2	3.6	297.12
25	9.5	23.0	3.6	4.2	13.0	85.7	29.6	84.3	22.0	12.1	11.2	3.6	302.00
26	9.5	23.0	3.6	4.2	15.9	218.9	54.1	374.5	22.0	12.1	11.2	2.9	751.90
27	9.5	23.0	3.6	4.2	30.8	136.4	168.6	126.7	22.0	12.1	11.2	2.9	551.21
28	9.5	23.0	3.6	4.2	374.5	87.2	102.0	87.2	22.0	12.1	11.2	2.9	739.48
29	9.5	23.0	3.6	4.2	90.1	85.7	54.1	136.4	22.0	12.1		2.3	443.14
30	9.5	24.1	3.6	4.2	84.3	85.7	54.1	218.9	22.0	12.1		2.3	520.82
31		24.1		4.2	82.9		54.1		22.0	12.1		2.3	201.66
Total	226.39	572.03	202.65	213.03	807.82	4792.58	2592.08	2771.78	1059.46	381.05	335.36	189.83	14144.08 Ton
Mean	7.55	18.45	6.76	6.87	26.06	159.75	83.62	92.39	34.18	12.29	11.98	6.12	38.83
Max	9.54	24.11	24.11	10.42	374.46	473.68	245.78	374.46	112.64	16.84	12.14	10.42	473.68
Min	2.91	10.42	3.59	3.59	4.23	84.30	29.65	52.78	21.98	12.14	11.23	2.27	2.27

Stop - Program terminated.