

WATER YEAR 2024
SOUTHERN PENINSULA EAST COAST

Khloneg Lumlone at Ban Udai Tai, Satun (X.148)

Location	Lat. 07° - 46' - 15" N., Long. 99° - 32' - 14" E., Ban Udai Tai, Amphoe Khuan Kalong, Satun
Drainage Area	157.32 sq. km.
Method of Sampling	Depth Integrating
Instrument Used	US DH-49
Period of Available Records	2021 - Cont' d
Actual Measurement	2021 - Cont' d
Using Rating Curve Water Year	2024
Number of observation	23
R - Square	0.7288
Remarks	Continued Sediment Station

QS =4.2281 QW1.2637

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	1.76	5.21	40.69	48.55	6.94	45.90	76.62	33.96	126.81	26.32	14.14	14.14	441.04
2	1.76	5.21	38.14	45.02	6.94	38.14	73.70	31.67	99.04	32.32	14.14	14.14	400.21
3	1.54	4.77	58.53	38.98	6.47	64.13	86.52	27.50	85.52	29.89	14.14	13.66	431.66
4	1.54	4.77	62.25	32.32	23.99	45.90	122.80	25.15	62.25	29.33	13.66	13.66	437.63
5	1.54	4.39	47.66	28.69	126.81	36.45	217.44	40.69	51.23	29.33	13.66	13.66	611.56
6	1.54	7.84	37.29	33.96	99.04	28.69	102.88	40.69	45.02	28.69	13.66	13.12	452.42
7	1.54	13.66	31.67	46.78	82.53	33.14	76.62	47.66	39.84	28.69	12.65	13.12	427.89
8	1.33	18.39	29.89	54.86	56.69	30.45	70.80	42.41	39.84	28.13	12.65	12.65	398.07
9	1.33	9.20	28.13	53.95	45.02	31.67	193.41	33.96	38.98	27.50	12.11	12.65	487.90
10	1.33	7.84	25.77	45.90	91.37	29.89	140.54	27.50	38.14	26.32	12.11	12.65	459.34
11	1.33	6.47	40.69	37.29	72.73	26.94	97.70	25.15	39.84	27.50	12.11	12.65	400.40
12	1.33	5.61	38.14	28.69	53.95	26.32	75.64	23.99	38.98	29.33	11.65	12.65	346.26
13	1.12	5.61	58.53	21.71	84.52	86.52	63.19	41.55	38.14	28.69	11.65	12.65	453.88
14	1.12	5.61	62.25	17.88	43.28	287.62	137.77	31.10	35.62	28.13	11.65	12.65	674.67
15	1.12	5.61	47.66	17.30	20.59	249.51	272.24	45.90	33.96	28.69	11.12	12.11	745.83
16	1.12	5.61	37.29	16.80	14.70	794.28	97.70	46.78	32.32	34.79	11.12	12.11	1104.62
17	1.12	25.15	31.67	22.24	8.76	638.43	57.61	42.41	31.67	62.25	11.12	12.11	944.54
18	0.92	57.61	29.89	16.24	6.47	746.78	75.64	39.84	30.45	51.23	10.67	12.11	1077.85
19	0.92	40.69	28.13	12.11	31.67	608.14	49.44	38.14	29.89	45.90	10.67	11.65	907.34
20	0.92	29.33	25.77	9.20	31.67	287.62	40.69	38.14	29.89	38.14	10.67	11.65	553.68
21	0.92	37.29	31.10	6.94	22.85	431.88	38.98	35.62	29.33	30.45	10.15	11.65	687.16
22	0.92	39.84	44.15	4.77	12.11	171.15	36.45	34.79	28.69	26.94	10.15	11.12	421.08
23	0.92	33.14	29.89	3.96	20.59	122.80	34.79	33.14	28.13	23.99	10.15	11.12	352.62
24	0.73	48.55	11.12	3.60	38.14	95.14	33.14	32.32	26.32	21.71	14.14	11.12	336.03
25	0.73	38.98	4.77	3.19	41.55	81.54	32.32	33.96	25.77	20.07	31.67	11.12	325.67
26	0.92	28.69	3.19	3.19	46.78	133.69	70.80	64.13	25.15	18.97	26.94	10.67	433.12
27	1.54	21.71	2.84	6.47	51.23	120.11	277.35	630.83	24.61	17.30	18.39	10.67	1183.05
28	5.21	23.46	3.96	13.12	1053.87	77.60	205.35	313.64	25.77	15.74	14.14	10.67	1762.53
29	5.61	22.85	43.28	10.67	116.04	66.02	118.72	593.11	29.89	15.18		10.15	1031.51
30	5.61	31.67	61.32	9.20	75.64	61.32	56.69	563.29	28.69	14.70		10.15	918.25
31		30.45		7.36	58.53		40.69		26.32	14.14		10.15	187.64
Total	49.37	625.16	1035.65	700.93	2451.45	5497.77	3074.22	3058.98	1266.06	880.33	381.12	374.41	19395.45 Ton
Mean	1.65	20.17	34.52	22.61	79.08	183.26	99.17	101.97	40.84	28.40	13.61	12.08	53.11
Max	5.61	57.61	62.25	54.86	1053.87	794.28	277.35	630.83	126.81	62.25	31.67	14.14	1053.87
Min	0.73	4.39	2.84	3.19	6.47	26.32	32.32	23.99	24.61	14.14	10.15	10.15	0.73

Stop - Program terminated.