

WATER YEAR 2023
SOUTHERN PENINSULA EAST COAST

Khlung Duson at Ban Panjor, Satun (X.279)

Location Lat.06o - 46' - 39" N., Long. 100o - 04' - 16" E., Amphoe Khuan Don , Satun

Drainage Area 231.60 sq. km.

Method of Sampling Depth Integrating

Instrument Used US DH - 48

Period of Available Records 2013 - Cont' d

Actual Measurement 2013 - Cont' d

Using Rating Curve Water Year 2023

Number of observation 26

R - Square 0.8447

Remarks Continued Sediment Station

QS =3.4943 QW^{1.1434}

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	5.1	3.1	12.6	267.7	37.9	85.9	111.8	101.3	91.0	54.8	21.5	11.4	804.21
2	4.6	3.5	9.1	317.3	131.5	266.1	90.0	77.9	144.2	49.8	21.5	10.8	1126.21
3	4.6	8.5	8.5	95.1	58.2	285.4	76.0	74.1	90.0	46.6	20.9	10.8	778.58
4	5.1	6.8	18.3	41.0	45.0	272.5	82.9	99.3	98.2	43.4	20.9	11.4	744.62
5	4.0	5.1	10.2	26.8	49.8	377.1	55.6	75.1	357.4	41.8	20.2	10.8	1034.00
6	10.2	7.3	7.9	22.8	37.9	439.0	62.5	61.6	141.8	39.4	19.6	9.6	859.60
7	9.1	17.0	13.9	17.6	39.4	191.0	47.4	53.1	85.9	45.7	19.6	9.6	549.42
8	6.2	6.8	9.6	37.9	36.3	121.4	54.8	62.5	70.4	44.2	18.9	9.6	478.53
9	5.1	4.0	6.8	166.2	34.8	94.1	49.0	64.2	61.6	37.9	18.3	9.1	550.93
10	4.0	7.3	6.2	108.6	59.9	140.6	49.8	54.8	55.6	37.1	17.6	9.6	551.20
11	3.5	3.5	6.2	62.5	53.9	155.1	48.2	102.4	51.4	34.8	17.0	8.5	546.90
12	3.5	2.3	6.2	34.0	13.9	119.1	69.4	113.9	48.2	33.3	17.0	7.9	468.70
13	3.1	2.3	4.6	25.5	9.6	82.9	65.0	96.2	46.6	32.5	16.4	7.3	392.00
14	3.5	1.6	4.0	22.2	103.4	46.6	59.0	307.2	65.9	31.8	16.4	6.8	668.24
15	5.1	1.6	3.5	18.9	486.0	38.6	45.7	132.7	123.6	30.3	16.4	6.8	909.20
16	3.1	7.3	3.1	16.4	341.4	34.0	61.6	127.0	172.7	29.6	15.7	6.2	818.15
17	2.7	9.1	2.3	15.1	258.5	43.4	111.8	100.3	72.2	28.1	14.5	5.6	663.64
18	2.3	15.1	9.6	13.9	171.4	65.9	141.8	67.6	55.6	26.8	13.9	5.6	589.60
19	2.3	6.8	4.6	72.2	128.1	71.3	98.2	73.2	48.2	26.8	13.9	5.1	550.65
20	3.5	9.6	2.7	285.3	124.7	39.4	73.2	69.4	46.6	25.5	13.9	4.6	698.37
21	2.3	11.4	1.9	162.1	76.0	107.6	65.0	55.6	42.6	25.5	13.3	4.0	567.38
22	3.1	15.1	1.6	136.1	63.3	75.1	93.1	49.8	41.0	24.8	14.5	4.0	521.43
23	12.0	10.8	22.2	73.2	63.3	41.8	121.4	50.6	39.4	27.5	15.7	3.5	481.45
24	15.7	6.2	13.3	41.8	39.4	122.5	77.9	69.4	55.6	27.5	15.7	3.1	488.17
25	6.8	4.0	26.8	31.8	31.1	196.5	87.0	76.0	382.5	26.8	14.5	3.5	887.25
26	5.6	4.0	27.5	32.5	28.9	458.1	85.9	267.7	171.4	34.8	13.9	3.1	1133.52
27	4.0	13.9	18.9	38.6	33.3	382.5	81.9	210.5	107.6	27.5	13.3	3.5	935.46
28	3.1	22.8	40.2	26.8	33.3	422.0	67.6	107.6	79.9	24.8	12.6	3.1	843.86
29	3.5	25.5	33.3	22.2	41.8	218.9	128.1	97.2	71.3	24.1	12.0	3.1	681.02
30	4.6	18.3	23.5	19.6	41.0	150.3	111.8	181.8	75.1	22.8		5.1	653.69
31		17.6		28.9	39.4		136.1		60.7	22.2		6.2	311.12
Total	151.28	278.21	358.93	2280.43	2712.50	5144.94	2509.45	3079.76	3054.40	1028.29	479.39	209.52	21287.10
Mean	5.04	8.97	11.96	73.56	87.50	171.50	80.95	102.66	98.53	33.17	16.53	6.76	697.14
Max	15.74	25.46	40.21	317.26	486.01	458.14	141.77	307.15	382.53	54.78	21.50	11.43	486.01
Min	2.32	1.58	1.58	13.87	9.64	34.03	45.73	49.78	39.45	22.16	12.04	3.10	1.58

Stop - Program terminated.