

WATER YEAR 2022

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 2022

Number of observation 23

R - Square 0.7682

Remarks Continued Sediment Station

QS =1.4391 QW^{1.6038}

Water Year - 2022

Suspended Sediment, in Tons per Day, Water Year April 1, 2022 to March 31, 2023

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	45.4	16.6	90.8	46.7	26.8	34.5	412.2	242.9	63.0	61.5	29.0	10.0	1079.34
2	73.3	30.0	100.8	47.9	23.8	33.4	237.5	388.0	89.1	58.7	27.9	20.0	1130.59
3	74.9	33.4	87.5	45.4	60.1	29.0	374.4	128.3	140.5	56.0	29.0	11.3	1069.62
4	39.2	22.8	53.2	40.4	36.8	32.2	148.9	97.4	124.3	54.6	29.0	10.0	688.84
5	26.8	18.3	508.5	58.7	27.9	29.0	90.8	136.4	94.1	53.2	24.8	9.3	1077.73
6	22.8	22.8	412.2	58.7	57.3	49.2	90.8	604.1	84.3	50.6	23.8	8.7	1485.19
7	27.9	19.1	217.4	40.4	146.8	54.6	161.8	242.9	74.9	67.3	22.8	7.4	1083.28
8	27.9	39.2	99.1	31.1	51.9	49.2	177.4	232.2	65.9	81.1	20.9	7.4	883.31
9	23.8	102.6	68.8	23.8	33.4	49.2	114.9	120.4	284.8	126.3	20.9	6.8	975.62
10	34.5	42.9	56.0	20.0	27.9	31.1	132.3	92.4	267.7	64.4	19.1	7.4	795.78
11	24.8	40.4	85.9	19.1	21.8	25.8	164.0	94.1	354.4	58.7	18.3	7.4	914.75
12	20.9	35.7	164.0	22.8	20.0	24.8	104.3	146.8	179.6	64.4	18.3	5.7	807.27
13	31.1	20.9	97.4	47.9	17.5	30.0	70.3	193.5	217.4	81.1	17.5	5.7	830.29
14	39.2	17.5	51.9	46.7	19.1	34.5	175.1	155.3	153.1	113.1	15.8	5.2	826.56
15	109.6	15.0	42.9	56.0	45.4	23.8	181.9	500.1	104.3	126.3	15.0	4.8	1224.96
16	30.0	16.6	36.8	38.0	23.8	25.8	232.2	306.2	84.3	68.8	15.0	4.8	882.37
17	27.9	30.0	30.0	26.8	20.0	29.0	296.9	384.6	159.6	53.2	14.3	4.8	1077.11
18	53.2	20.9	34.5	30.0	17.5	24.8	504.3	290.7	635.8	46.7	12.8	4.3	1675.36
19	24.8	15.0	34.5	19.1	24.8	27.9	573.0	222.3	1558.2	53.2	12.8	4.3	2569.94
20	21.8	12.8	24.8	16.6	41.6	25.8	312.5	126.3	483.5	60.1	12.8	3.9	1142.44
21	23.8	13.5	39.2	14.3	57.3	44.1	166.2	99.1	259.4	67.3	12.0	3.9	800.14
22	20.9	12.0	29.0	15.0	65.9	58.7	118.5	94.1	198.2	64.4	12.0	3.4	692.18
23	15.0	11.3	27.9	104.3	32.2	76.4	92.4	104.3	151.0	51.9	11.3	3.9	682.00
24	13.5	9.3	164.0	35.7	84.3	51.9	74.9	303.1	124.3	46.7	10.6	7.4	925.51
25	13.5	8.0	229.7	44.1	64.4	33.4	71.8	186.5	107.8	41.6	10.0	4.8	815.58
26	12.0	10.0	132.3	67.3	34.5	26.8	164.0	100.8	97.4	44.1	9.3	3.9	702.54
27	15.8	10.6	73.3	161.8	31.1	22.8	766.4	82.7	87.5	35.7	8.7	3.4	1299.78
28	13.5	25.8	36.8	41.6	65.9	146.8	440.5	71.8	81.1	34.5	9.3	3.4	971.06
29	13.5	68.8	31.1	38.0	44.1	232.2	267.7	67.3	74.9	32.2		12.0	881.98
30	21.8	155.3	34.5	25.8	35.7	586.2	181.9	61.5	70.3	31.1		5.2	1209.46
31		142.6		34.5	35.7		170.6		65.9	32.2		3.9	485.35
Total	943.33	1039.80	3094.81	1318.80	1295.31	1943.07	7070.15	5875.93	6536.27	1881.25	482.82	204.39	31685.93
Mean	31.44	33.54	103.16	42.54	41.78	64.77	228.07	195.86	210.85	60.69	17.24	6.59	86.81
Max	109.56	155.29	508.46	161.79	146.77	586.22	766.35	604.06	1558.23	126.28	28.96	20.00	1558.23
Min	12.04	8.03	24.80	14.27	17.45	22.81	70.31	61.55	62.98	31.14	8.65	3.43	3.43

Stop - Program terminated.