

WATER YEAR 2024
SOUTHERN PENINSULA EAST COAST
 Khlong 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 2024
 Number of observation 20
 R - Square 0.7303
 Remarks Continued Sediment Station

QS =4.4865 QW^{1.2891}

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	12.4	7.2	28.0	9.6	50.7	39.0	160.0	81.7	435.7	28.0	9.6	9.6	871.37
2	13.1	7.2	25.2	8.9	50.7	33.9	204.4	70.4	264.4	27.1	8.2	8.2	721.62
3	11.0	6.7	58.8	6.7	50.7	31.9	117.0	74.6	186.5	26.1	7.2	7.2	584.25
4	9.6	8.9	29.9	7.7	50.7	29.0	160.0	65.1	154.2	25.2	6.7	6.7	553.56
5	10.3	7.2	17.9	13.9	50.7	26.1	397.3	86.4	135.3	24.2	6.7	6.7	782.67
6	8.2	8.9	13.1	17.1	50.7	26.1	672.8	133.5	115.2	23.3	6.7	6.7	1082.21
7	7.2	7.2	11.0	11.7	50.7	45.3	338.3	117.0	94.3	22.4	8.9	8.9	722.79
8	6.7	6.7	9.6	12.4	50.7	113.4	332.2	73.2	84.8	21.5	7.2	7.2	725.46
9	6.2	5.7	8.2	8.9	50.7	314.1	442.1	62.5	78.8	21.5	6.2	6.2	1011.09
10	6.2	5.7	7.7	7.7	50.7	137.2	296.2	56.3	76.0	20.6	12.4	6.7	683.34
11	6.2	7.7	7.7	7.2	49.6	57.6	224.0	54.0	70.4	20.6	12.4	6.7	523.92
12	5.7	7.7	7.2	7.2	43.2	54.0	161.9	81.7	65.1	27.1	12.4	7.2	480.24
13	5.2	6.2	6.7	13.9	34.9	406.8	160.0	94.3	62.5	26.1	12.4	6.2	835.18
14	4.7	6.2	5.7	10.3	24.2	469.9	148.5	61.3	71.8	24.2	12.4	7.2	846.27
15	4.3	5.2	5.2	8.2	50.7	1041.1	188.6	54.0	66.3	22.4	11.7	5.7	1463.34
16	3.8	9.6	4.7	8.9	50.7	1104.3	135.3	167.8	58.8	139.1	11.7	4.7	1699.32
17	4.3	50.7	10.3	9.6	50.7	1104.3	97.6	99.3	57.6	67.6	11.0	4.3	1566.99
18	6.7	14.6	13.1	13.9	50.7	1008.2	83.3	61.3	55.1	40.0	8.2	3.8	1358.92
19	5.7	10.3	8.2	8.2	50.7	965.4	76.0	51.8	51.8	35.9	8.2	3.4	1275.54
20	8.9	8.2	20.6	6.7	49.6	667.6	76.0	46.4	49.6	30.9	8.9	3.4	976.73
21	13.1	17.1	14.6	6.2	36.9	618.3	77.4	50.7	46.4	27.1	8.9	3.8	920.45
22	10.3	29.9	40.0	5.2	27.1	413.2	62.5	49.6	44.2	25.2	8.2	3.8	719.22
23	13.1	13.9	23.3	5.2	24.2	314.1	56.3	44.2	43.2	23.3	8.2	2.9	572.02
24	11.7	11.0	16.2	6.2	44.2	462.5	51.8	58.8	42.1	23.3	12.4	2.9	743.07
25	8.9	8.2	14.6	4.3	28.0	359.8	49.6	46.4	40.0	29.9	17.9	2.5	610.18
26	7.7	11.0	11.0	18.8	66.3	341.4	54.0	58.8	36.9	23.3	15.4	2.1	646.66
27	7.2	8.9	7.7	39.0	47.4	580.9	142.8	742.8	33.9	22.4	12.4	2.5	1647.85
28	7.2	60.0	13.9	50.7	458.9	510.9	216.1	1014.5	33.9	22.4	10.3	11.0	2409.68
29	11.7	17.9	16.2	50.7	308.1	311.1	213.7	983.4	32.9	22.4		4.7	1972.87
30	7.7	18.8	14.6	50.7	113.4	199.8	199.8	719.9	32.9	21.5		8.2	1387.40
31		13.1		50.7	51.8		111.6		29.0	20.6		4.7	281.51
Total	244.55	407.32	470.91	485.92	2168.34	#####	5707.47	5361.49	2649.56	934.97	282.57	175.55	30675.74 Ton
Mean	8.15	13.14	15.70	15.67	69.95	392.90	184.11	178.72	85.47	30.16	10.09	5.66	84.14
Max	13.13	60.04	58.80	50.70	458.88	1104.27	672.78	1014.46	435.67	139.06	17.94	10.96	1104.27
Min	3.80	5.19	4.72	4.26	24.23	26.10	49.60	44.22	28.97	20.58	6.17	2.12	2.12

Stop - Program terminated.