

WATER YEAR 2023

UPPER PENINSULA EAST COAST

Khlong Sin pun at Ban Bang Rup, Surat Thani (X.198)

Location Lat09° - 24' - 52" N., Long.99° - 14' - 59" E., Amphoe Prasang, Surat Thani
 Drainage Area 924.47 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH - 48
 Period of Available Records 2009 - Cont' d
 Actual Measurement 2009 - Cont' d
 Using Rating Curve Water Year 2023
 Number of observation 27
 R - Square 0.7774
 Remarks Continued Sediment Station

QS = 5.5825 QW^{1.1857}

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	9.46	43.60	28.46	41.68	69.13	39.79	316.70	313.71	802.16	64.06	22.42	5.72	1756.88
2	9.03	27.86	22.42	212.18	116.42	92.35	160.05	432.24	858.67	62.60	19.81	5.72	2019.35
3	8.60	26.76	22.99	344.04	258.31	169.61	127.58	544.46	863.04	54.66	19.25	4.93	2444.23
4	9.03	21.92	23.49	406.46	321.19	280.66	111.33	571.69	698.78	50.43	18.76	4.16	2517.91
5	11.73	17.73	20.29	408.41	231.86	304.78	109.32	590.87	489.98	46.99	17.73	3.78	2253.47
6	12.17	21.35	18.21	204.01	88.66	245.68	243.17	604.64	330.95	44.24	15.69	3.41	1832.18
7	11.73	18.21	31.82	56.09	57.51	176.07	412.30	501.74	258.31	42.32	15.14	3.05	1584.28
8	10.33	12.70	71.39	49.69	54.66	105.43	563.50	330.95	201.69	40.42	16.15	3.05	1459.96
9	9.46	12.70	145.27	144.17	81.87	109.32	504.02	353.91	168.59	37.90	16.15	3.05	1586.41
10	9.89	64.74	142.08	219.45	146.26	197.05	334.22	579.90	165.33	38.53	13.68	6.52	1917.65
11	8.18	34.18	86.42	244.37	189.10	248.20	220.75	558.05	166.45	38.53	12.70	5.72	1812.64
12	8.60	54.66	80.26	153.69	110.38	255.77	155.80	434.46	146.26	36.03	12.70	3.41	1452.04
13	9.46	36.03	75.86	78.75	93.28	200.53	321.19	321.19	125.53	34.80	11.73	2.69	1311.03
14	8.18	18.76	61.06	52.59	119.41	116.42	497.06	273.95	146.26	33.57	11.73	2.34	1341.33
15	7.76	13.68	51.84	39.79	347.32	87.95	552.61	214.52	125.53	31.82	11.21	2.69	1486.72
16	8.18	12.70	30.69	45.61	501.74	83.38	596.37	219.45	114.40	32.34	10.77	2.69	1658.33
17	8.18	11.73	24.07	77.35	560.77	102.61	642.73	243.17	105.43	32.34	10.33	2.34	1821.05
18	7.76	11.73	20.29	46.26	544.46	162.18	727.08	288.74	91.43	32.34	9.89	2.00	1944.15
19	7.76	12.17	18.21	59.62	469.11	200.53	744.85	434.46	84.09	32.34	9.89	1.66	2074.69
20	6.93	27.86	25.16	202.85	268.59	119.41	759.11	499.33	83.38	31.21	9.89	1.66	2035.40
21	6.52	18.76	30.09	326.07	122.52	163.19	748.41	408.41	78.75	30.09	9.46	1.03	1943.30
22	6.12	17.17	20.29	513.41	93.28	501.74	691.74	241.86	70.61	27.86	9.46	1.03	2194.56
23	6.12	36.66	16.15	536.33	74.36	716.44	823.82	177.21	70.61	27.35	8.60	1.66	2495.32
24	27.86	36.66	14.68	525.53	59.62	766.26	784.18	160.05	66.88	29.57	8.18	2.69	2482.15
25	93.28	23.49	12.70	539.04	50.43	791.37	748.41	152.58	66.20	28.97	7.76	2.34	2516.56
26	75.86	24.57	11.73	522.83	44.24	791.37	755.54	180.40	66.20	27.35	7.34	2.00	2509.41
27	41.68	48.29	14.14	329.32	39.79	719.99	849.94	344.04	66.88	26.76	7.34	1.66	2489.83
28	21.92	36.66	16.70	134.85	37.28	555.33	741.29	599.13	64.06	25.66	6.93	1.66	2241.47
29	14.68	42.32	19.81	88.66	35.41	434.46	590.87	681.19	62.60	24.07	6.12	1.03	2001.23
30	24.07	39.79	35.41	69.13	36.03	418.15	436.82	744.85	63.28	22.99		1.03	1891.56
31		32.34		66.20	36.03		330.95		61.83	22.99		1.66	552.01
Total	500.51	857.78	1191.99	6738.43	5259.05	9156.02	15601.72	12001.14	6764.16	1111.17	356.79	88.34	59627.11
Mean	16.68	27.67	39.73	217.37	169.65	305.20	503.28	400.04	218.20	35.84	12.30	2.85	162.40
Max	93.28	64.74	145.27	539.04	560.77	791.37	849.94	744.85	863.04	64.06	22.42	6.52	863.04
Min	6.12	11.73	11.73	39.79	35.41	39.79	109.32	152.58	61.83	22.99	6.12	1.03	1.03

Stop - Program terminated.