

**WATER YEAR 2022**  
**UPPER PENINSULA EAST COAST**

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

Location Lat.09° - 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 2022  
Number of observation 20  
R - Square 0.8434  
Remarks Continued Sediment Station

QS = 3.3326 QW<sup>0.1.1195</sup>

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	21.88	23.48	145.86	32.94	323.11	85.79	77.91	127.34	447.56	30.38	22.20	7.20	1345.66
2	21.56	41.68	109.54	36.00	221.12	200.32	138.96	97.37	236.35	29.34	20.29	6.56	1159.08
3	12.43	20.29	50.12	43.88	156.63	234.00	217.62	96.20	140.62	27.93	19.97	6.96	1026.63
4	19.02	40.80	37.16	50.57	189.95	246.96	238.70	124.26	188.92	27.93	20.92	8.88	1194.08
5	14.37	57.34	42.12	94.44	202.52	128.17	226.96	90.92	263.08	29.67	20.92	10.89	1181.41
6	9.13	53.27	88.01	125.69	169.40	114.32	211.80	61.00	288.91	25.46	19.02	11.15	1177.14
7	23.80	82.63	40.80	171.44	101.12	81.58	251.87	57.34	269.33	24.12	17.24	9.63	1130.91
8	37.16	124.26	36.00	187.89	72.40	75.36	274.53	72.92	177.59	23.48	15.82	7.65	1105.05
9	61.45	100.48	36.77	194.09	60.54	105.00	291.79	80.53	145.86	23.48	14.37	6.96	1121.33
10	54.17	66.06	32.56	198.24	50.12	113.61	307.95	91.51	144.97	22.84	13.24	6.32	1101.58
11	37.16	86.32	36.77	200.32	43.44	73.90	324.63	65.59	125.69	24.77	12.43	6.12	1037.15
12	14.11	124.98	73.90	156.63	37.93	58.26	341.41	61.00	97.96	38.71	11.66	6.56	1023.09
13	6.32	153.93	69.45	166.34	34.47	81.05	350.59	58.26	83.68	36.39	11.15	6.76	1058.37
14	28.97	172.47	39.10	183.76	30.76	176.56	346.00	53.27	99.19	37.93	10.89	5.25	1184.13
15	68.99	172.47	32.56	171.44	28.26	173.49	294.68	64.67	96.20	54.17	10.38	5.25	1172.55
16	43.88	128.99	32.56	218.78	27.23	116.44	149.44	109.54	71.93	34.09	9.88	4.39	947.16
17	33.32	57.34	34.09	283.14	49.22	65.59	86.85	151.23	61.45	27.56	9.63	3.97	863.41
18	28.64	49.67	34.85	284.58	61.45	48.77	144.08	161.25	58.71	22.52	9.38	4.16	908.06
19	26.16	88.59	32.18	277.40	77.91	37.93	214.12	153.93	74.89	20.29	9.38	4.16	1016.94
20	25.46	61.45	32.18	216.45	70.43	31.47	291.79	123.55	125.69	19.02	10.13	3.97	1011.61
21	24.77	25.84	35.62	181.70	47.88	30.38	362.88	111.49	129.82	17.82	10.89	3.75	982.83
22	24.12	23.80	70.43	142.29	106.94	52.36	372.12	189.95	82.63	17.50	19.65	3.75	1105.57
23	19.02	21.56	130.65	101.77	88.59	54.62	381.39	344.46	61.45	16.97	14.37	3.75	1238.62
24	13.81	16.66	106.94	75.36	97.37	42.56	432.48	460.80	52.81	16.97	10.38	3.56	1329.71
25	9.13	15.25	62.37	101.77	81.05	41.24	443.79	519.46	46.99	16.39	9.63	3.75	1350.82
26	6.32	15.25	68.47	133.14	54.62	35.24	438.13	596.47	42.56	21.88	8.38	3.56	1424.01
27	6.12	15.25	51.46	199.28	42.56	29.67	420.27	657.61	39.10	51.46	8.14	2.96	1523.88
28	6.12	15.25	35.62	265.58	56.89	25.14	355.19	669.95	37.16	51.91	7.65	2.78	1529.24
29	6.12	15.25	32.94	304.93	53.72	31.09	190.99	633.06	35.24	41.24		2.78	1347.34
30	6.12	18.40	32.94	332.25	51.46	49.67	117.15	563.27	33.32	35.24		2.78	1242.59
31		84.21		338.35	38.71		121.41		31.80	26.86		2.78	644.11
Total	709.61	1973.19	1664.03	5470.45	2727.82	2640.53	8417.49	6648.22	3791.48	894.33	378.00	168.94	35484.09
Mean	23.65	63.65	55.47	176.47	87.99	88.02	271.53	221.61	122.31	28.85	13.50	5.45	1158.49
Max	68.99	172.47	145.86	338.35	323.11	246.96	443.79	669.95	447.56	54.17	22.20	11.15	669.95
Min	6.12	15.25	32.18	32.94	27.23	25.14	77.91	53.27	31.80	16.39	7.65	2.78	2.78

Stop - Program terminated.