

**WATER YEAR 2023**  
**UPPER PENINSULA EAST COAST**

Khlung I Pan at Ban Mai, Surat Thani ( X.258)

Location Lat08° - 32' - 53" N., Long.99° - 06' - 36" E., Amphoe Prasang, Surat Thani  
 Drainage Area 1043.87 sq. km.  
 Method of Sampling Depth Integrating  
 Instrument Used US DH - 48  
 Period of Available Records 2019 - Cont' d  
 Actual Measurement 2019 - Cont' d  
 Using Rating Curve Water Year 2023  
 Number of observation 27  
 R - Square 0.7646  
 Remarks Continued Sediment Station

QS = 2.667QW<sup>1.4062</sup>

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	51.50	58.51	43.65	83.63	65.77	185.58	924.43	840.47	1596.72	90.29	19.53	10.78	3970.85
2	43.65	35.17	45.86	476.68	63.32	564.92	896.12	848.19	1504.74	84.95	21.28	10.78	4595.67
3	23.86	21.28	36.20	732.15	64.54	1101.62	728.73	788.39	1625.34	69.49	21.28	10.22	5223.09
4	43.65	22.11	32.20	202.52	72.00	1414.36	654.77	582.98	1704.78	64.54	20.40	10.22	4824.55
5	29.32	18.73	24.78	52.65	58.51	1298.65	555.96	350.32	1654.10	97.11	20.40	12.50	4173.03
6	37.24	14.91	23.86	38.29	48.09	715.12	573.93	304.00	1539.93	104.07	21.28	31.21	3451.91
7	25.64	13.09	30.30	31.21	41.48	404.40	721.91	202.52	1476.76	64.54	19.53	12.50	3043.89
8	31.21	12.50	50.35	38.29	39.35	219.22	832.97	411.62	1547.00	58.51	20.40	10.22	3271.64
9	30.30	15.53	58.51	109.73	42.57	142.36	904.18	738.99	1618.17	57.32	20.40	9.67	3747.72
10	17.11	275.53	39.35	263.58	62.11	139.30	742.42	1053.85	1414.36	52.65	23.86	9.13	4093.22
11	17.11	257.66	62.11	285.60	72.00	131.72	658.09	1188.03	1027.57	50.35	20.40	9.67	3780.31
12	17.95	75.82	77.11	154.82	94.37	165.96	876.06	856.12	770.02	46.97	18.73	8.60	3162.53
13	14.91	28.42	57.32	73.27	108.30	136.25	1339.16	806.88	601.19	44.75	17.11	8.08	3235.65
14	13.69	20.40	43.65	49.22	153.25	93.00	1561.16	625.73	552.98	51.50	16.28	8.08	3188.94
15	12.50	17.95	37.24	40.41	382.98	74.54	1265.17	492.86	404.40	43.65	16.28	7.57	2795.56
16	11.92	21.28	25.64	39.35	832.97	77.11	872.06	443.31	271.53	36.20	14.91	8.60	2654.87
17	11.35	22.94	21.28	39.35	1069.70	208.05	610.36	428.60	226.76	43.65	14.29	36.20	2732.54
18	11.35	24.78	20.40	44.75	825.49	206.20	628.82	484.75	199.00	65.77	14.29	17.11	2542.71
19	10.78	19.53	20.40	60.90	314.36	140.83	622.65	759.64	156.40	42.57	14.29	10.22	2172.56
20	9.67	17.95	22.94	299.88	150.11	127.23	631.91	781.03	228.66	33.13	27.46	8.08	2338.06
21	9.67	25.64	24.78	523.45	99.87	418.87	595.10	616.50	169.19	46.97	56.14	7.57	2593.76
22	9.67	40.41	17.95	260.05	73.27	998.38	635.00	498.29	116.93	253.73	39.35	6.58	2949.61
23	10.22	32.20	14.29	511.25	53.80	1242.99	1038.06	404.40	97.11	93.00	20.40	6.58	3524.32
24	42.57	38.29	12.50	435.94	39.35	1123.04	773.68	357.25	84.95	62.11	31.21	6.10	3006.97
25	35.17	23.86	16.28	136.25	56.14	601.19	438.39	320.77	75.82	53.80	22.11	13.69	1793.48
26	34.15	17.95	34.15	64.92	39.35	259.63	431.04	392.46	90.29	41.48	15.53	73.27	1494.21
27	22.94	25.64	29.32	47.92	34.15	455.68	848.19	284.30	88.95	38.29	13.09	13.69	1902.15
28	16.28	51.50	23.86	59.88	33.13	888.08	840.47	795.18	81.00	32.20	11.35	9.13	2842.06
29	13.69	35.17	21.28	40.16	33.13	1011.90	1149.99	717.57	77.11	25.64	11.35	7.57	3144.56
30	48.09	26.51	30.30	26.36	36.20	892.10	1226.42	398.81	75.82	22.11		7.07	2789.79
31		28.42		98.49	45.86		876.06		95.73	19.53		10.78	1174.87
Total	707.14	1339.68	997.85	5320.93	5105.51	15438.27	25453.27	17773.81	21173.31	1890.88	602.95	411.50	96215.09
Mean	23.57	43.22	33.26	171.64	164.69	514.61	821.07	592.46	683.01	61.00	20.79	13.27	261.88
Max	51.50	275.53	77.11	732.15	1069.70	1414.36	1561.16	1188.03	1704.78	253.73	56.14	73.27	1704.78
Min	9.67	12.50	12.50	26.36	33.13	74.54	431.04	202.52	75.82	19.53	11.35	6.10	6.10

Stop - Program terminated.