

**WATER YEAR 2022**

**UPPER PENINSULA EAST COAST**

Khlong Phum Duang at Ban Tha Khanon , Surat Thani ( X.36 )

Location Lat.09° - 01' - 46" N., Long.98° - 58' - 00" E., Amphoe Khiri Ratnikhom, Surat thani  
 Drainage Area 3034.64 sq. km.  
 Method of Sampling Depth Integrating  
 Instrument Used US DH - 48  
 Period of Available Records 1989 - Cont' d  
 Actual Measurement 1989 - 1999 , 2002-2005, 2012 - Cont' d  
 Using Rating Curve Water Year 2022  
 Number of observation 19  
 R - Square 0.8386  
 Remarks Continued Sediment Station

QS = 3.2442 QW<sup>1.0259</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	622.38	573.02	1116.63	335.92	555.96	294.08	686.31	414.34	349.03	237.18	181.90	166.26	5533.00
2	564.49	320.22	835.27	462.37	1093.49	575.86	686.31	456.72	400.24	161.85	186.69	161.85	5905.37
3	309.76	377.90	686.31	510.53	1054.96	372.64	496.35	239.59	439.75	249.24	198.68	177.30	5113.00
4	448.23	722.90	777.70	502.02	1085.78	375.27	485.02	312.37	510.53	222.72	196.28	184.30	5823.14
5	592.94	771.20	631.50	1012.61	979.54	317.60	375.27	312.37	807.72	229.95	205.89	124.50	6361.09
6	884.70	1244.28	459.54	1008.77	957.63	448.23	377.90	301.92	818.05	234.76	107.02	107.02	6949.82
7	725.96	1252.40	516.20	581.55	859.41	751.72	400.24	263.73	541.75	304.53	208.29	175.09	6580.88
8	590.09	771.20	524.72	459.54	849.06	725.96	462.37	383.34	510.53	254.07	172.88	161.85	5865.61
9	587.25	561.64	499.19	521.88	855.96	710.70	411.52	325.45	564.49	175.09	177.30	205.89	5596.35
10	613.26	738.74	541.75	891.99	859.41	510.53	320.22	322.83	462.37	244.41	168.47	124.50	5798.47
11	524.72	613.26	479.36	884.70	811.16	442.58	465.20	258.90	456.72	191.49	166.26	168.47	5462.80
12	598.63	924.80	436.93	1252.40	797.39	349.03	403.06	270.99	335.92	346.41	179.51	150.84	6045.91
13	661.93	754.97	333.31	1803.80	637.58	502.02	451.06	258.90	367.39	263.73	107.02	122.31	6264.02
14	581.55	735.50	521.88	1609.65	877.42	419.99	468.03	184.30	354.27	301.92	196.28	159.65	6410.44
15	713.75	519.04	541.75	899.28	504.86	330.69	367.39	266.15	333.31	225.13	153.04	166.26	5020.64
16	689.35	553.12	482.19	735.50	215.50	325.45	470.86	294.08	317.60	157.44	177.30	161.85	4580.25
17	521.88	619.34	490.69	767.96	296.70	309.76	521.88	333.31	296.70	203.49	213.10	157.44	4732.21
18	482.19	587.25	507.69	628.46	288.86	283.65	935.74	807.72	661.93	208.29	150.84	155.24	5697.86
19	607.18	558.80	507.69	631.50	328.07	208.29	873.78	677.16	774.45	208.29	193.89	172.88	5741.98
20	575.86	695.45	294.08	431.28	370.02	263.73	1062.66	533.23	439.75	201.08	124.50	117.94	5109.60
21	729.01	598.63	453.89	692.40	203.49	341.16	1663.40	386.16	377.90	201.08	193.89	161.85	6002.85
22	550.27	479.36	343.78	643.67	275.83	251.65	1672.75	367.39	354.27	208.29	146.44	205.89	5499.59
23	533.23	490.69	468.03	683.26	510.53	256.48	1293.04	674.12	330.69	133.27	175.09	186.69	5735.11
24	507.69	643.67	476.52	607.18	451.06	249.24	1008.77	680.21	320.22	210.69	166.26	184.30	5505.81
25	507.69	592.94	397.42	513.37	294.08	370.02	793.95	649.75	258.90	181.90	148.64	222.72	4931.39
26	748.48	604.33	428.46	640.62	367.39	246.82	643.67	592.94	227.54	325.45	172.88	153.04	5151.62
27	719.85	601.48	249.24	661.93	400.24	139.85	553.12	470.86	261.31	278.43	139.85	128.88	4605.05
28	787.45	622.38	405.88	652.80	359.52	283.65	519.04	436.93	261.31	215.50	137.65	275.83	4957.94
29	422.81	581.55	370.02	692.40	307.14	422.81	462.37	419.99	278.43	189.09		175.09	4321.71
30	643.67	800.83	377.90	643.67	538.91	646.71	439.75	354.27	242.00	159.65		205.89	5053.25
31		1170.66		417.17	330.69		335.92		239.59	208.29		193.89	2896.20
Total	18046.25	21081.54	15155.52	22780.18	18317.63	11726.18	20106.95	12250.01	12894.66	6932.70	4745.82	5215.48	169252.93
Mean	601.54	680.05	505.18	734.84	590.89	390.87	648.61	408.33	415.96	223.64	169.49	168.24	5537.66
Max	884.70	1252.40	1116.63	1803.80	1093.49	751.72	1672.75	807.72	818.05	346.41	213.10	275.83	1803.80
Min	309.76	320.22	249.24	335.92	203.49	139.85	320.22	184.30	227.54	133.27	107.02	107.02	107.02

Stop - Program terminated.