

**WATER YEAR 2023**

**UPPER PENINSULA EAST COAST**

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

Location Lat09° - 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 2023  
 Number of observation 20  
 R - Square 0.7233  
 Remarks Continued Sediment Station

QS = 1.1672 QW<sup>1.2705</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	315.24	311.34	457.86	217.83	601.77	319.16	688.21	628.80	697.46	156.70	211.53	189.79	4795.68
2	168.57	415.98	487.68	637.86	579.43	1149.09	509.22	781.78	642.41	189.79	189.79	342.84	6094.45
3	205.27	358.83	449.42	539.70	539.70	2535.37	651.51	688.21	646.96	192.87	186.73	220.99	7215.56
4	303.57	379.04	436.81	370.93	552.88	2712.52	462.10	399.47	777.04	180.63	159.65	189.79	6924.42
5	323.08	436.81	358.83	288.15	479.12	2746.55	370.93	428.45	615.25	183.67	139.24	211.53	6581.61
6	284.32	342.84	428.45	265.35	403.58	2138.19	420.13	358.83	610.75	174.58	171.57	269.12	5867.71
7	342.84	449.42	483.39	257.84	303.57	1386.13	491.97	374.98	557.28	202.15	174.58	265.35	5289.50
8	284.32	374.98	574.99	254.10	346.83	786.53	633.33	205.27	504.89	177.60	174.58	261.58	4578.99
9	362.86	395.36	570.55	220.99	338.87	651.51	441.01	243.88	399.47	224.62	180.63	303.57	4333.33
10	168.57	374.98	487.68	171.57	395.36	665.23	315.24	754.62	358.83	288.15	284.32	246.66	4511.21
11	358.83	436.81	624.27	254.10	428.45	420.13	330.95	354.82	280.50	428.45	165.59	180.63	4263.55
12	220.99	391.27	628.80	208.39	445.21	436.81	449.42	216.47	319.16	272.90	136.37	220.99	3946.78
13	411.84	350.82	415.98	224.62	561.70	387.18	552.88	167.29	299.70	171.57	202.15	254.10	3999.83
14	280.50	342.84	379.04	228.26	983.57	462.10	579.43	282.65	579.43	199.05	177.60	261.58	4756.06
15	338.87	265.35	307.45	183.67	1265.12	522.23	544.08	269.59	462.10	180.63	165.59	269.12	4773.80
16	246.66	330.95	319.16	202.15	2189.71	420.13	453.64	196.61	379.04	220.99	186.73	303.57	5449.33
17	250.37	342.84	254.10	224.62	2145.53	391.27	535.32	165.37	272.90	208.39	145.01	246.66	5182.39
18	399.47	449.42	257.84	777.04	1132.71	428.45	1119.90	205.27	235.58	202.15	214.67	153.76	5576.26
19	295.84	350.82	174.58	1285.18	622.58	338.87	758.15	330.95	276.70	189.79	130.67	288.15	5042.28
20	407.71	358.83	220.99	1527.53	839.11	610.75	539.70	223.26	250.37	205.27	165.59	432.63	5781.73
21	307.45	415.98	205.27	1443.62	509.22	548.48	470.59	117.86	246.66	183.67	265.35	453.64	5167.77
22	370.93	224.62	202.15	1638.75	500.58	350.82	470.59	126.24	261.58	139.24	208.39	496.27	4990.15
23	379.04	338.87	211.53	1685.02	395.36	711.37	1285.18	106.88	254.10	231.92	177.60	432.63	6209.48
24	214.67	399.47	242.95	1006.03	374.98	530.95	716.02	86.38	122.23	205.27	153.76	403.58	4456.29
25	407.71	370.93	186.73	1161.33	291.99	411.84	642.41	114.70	189.79	183.67	168.57	280.50	4410.16
26	315.24	323.08	113.91	1771.68	250.37	748.75	513.55	261.82	261.58	205.27	116.67	441.01	5322.92
27	383.10	436.81	147.91	1778.38	265.35	1062.64	679.00	784.15	242.95	211.53	183.67	479.12	6654.62
28	350.82	374.98	211.53	1222.92	239.26	1791.80	449.42	1094.37	228.26	127.85	186.73	327.01	6604.95
29	334.91	272.90	242.95	944.53	246.66	1566.59	824.70	558.39	217.83	399.47	235.58	407.71	6252.22
30	327.01	366.89	165.59	753.45	250.37	786.53	470.59	762.87	214.67	280.50		428.45	4806.91
31		383.10		504.89	257.84		453.64		334.91	183.67		453.64	2571.69
Total	9360.60	11367.18	10248.38	22250.47	18736.77	28017.95	17822.79	11290.23	11740.39	6602.01	5258.90	9715.96	162411.62
Mean	312.02	366.68	341.61	717.76	604.41	933.93	574.93	376.34	378.72	212.97	181.34	313.42	442.84
Max	411.84	449.42	628.80	1778.38	2189.71	2746.55	1285.18	1094.37	777.04	428.45	284.32	496.27	2746.55
Min	168.57	224.62	113.91	171.57	239.26	319.16	315.24	86.38	122.23	127.85	116.67	153.76	86.38

Stop - Program terminated.