

WATER YEAR 2023

UPPER PENINSULA EAST COAST

Khlong Chumphon at Ban Wang Phai, Chumphon (X.53A)

Location Lat10° - 30' - 20" N., Long.99° - 07' - 15" E., Amphoe Mueang , Chumphon
 Drainage Area 294.32 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH - 48
 Period of Available Records 1996 - Cont' d
 Actual Measurement 1996 - Cont' d
 Using Rating Curve Water Year 2023
 Number of observation 23
 R - Square 0.8317
 Remarks Continued Sediment Station

QS = 7.0342QW1.0552

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	21.97	19.13	8.00	21.97	116.51	101.86	163.00	137.90	301.05	39.32	31.04	20.26	982.04
2	20.26	21.40	9.63	22.55	112.51	173.35	125.89	93.92	314.83	39.32	30.29	19.69	983.66
3	20.26	20.26	28.06	24.27	103.19	257.41	127.23	72.30	676.18	38.57	28.80	19.13	1415.66
4	18.56	17.43	23.12	25.42	96.12	282.73	121.86	61.92	848.66	37.81	27.31	18.56	1579.50
5	16.86	15.18	21.97	23.12	92.86	282.73	116.51	56.16	523.91	37.06	25.99	18.56	1230.92
6	15.74	14.62	29.55	21.40	90.66	426.31	91.72	53.76	280.49	37.06	25.42	18.56	1105.28
7	15.74	12.95	34.04	20.83	89.52	884.28	84.08	50.51	182.01	36.30	24.84	16.86	1451.96
8	15.74	11.28	56.16	20.26	87.32	1015.52	98.33	48.04	142.49	34.79	24.27	16.86	1571.07
9	17.43	14.62	67.10	19.69	95.06	832.85	95.06	47.28	115.18	34.04	24.27	16.86	1379.45
10	16.30	10.18	70.22	20.26	99.48	611.40	103.19	48.04	97.27	34.04	31.79	16.30	1158.47
11	16.30	9.63	109.84	20.83	96.12	505.42	84.08	53.76	87.32	33.29	41.60	16.30	1074.51
12	15.74	14.62	105.85	20.83	90.66	505.42	71.26	63.99	78.57	33.29	32.54	15.74	1048.51
13	15.74	12.39	54.53	19.69	84.08	700.14	66.06	426.31	73.34	32.54	29.55	15.74	1530.10
14	15.18	6.92	47.28	18.56	80.76	912.04	112.51	540.21	69.18	32.54	28.80	15.18	1879.14
15	15.18	9.09	56.16	17.99	77.52	955.75	267.08	354.09	63.99	32.54	28.06	14.62	1892.06
16	15.18	15.18	46.43	20.26	73.34	983.62	496.19	396.80	62.95	31.79	27.31	14.06	2183.12
17	15.18	12.39	40.08	267.08	69.18	955.75	238.14	1055.47	58.82	31.04	25.42	14.06	2782.60
18	15.74	9.09	37.81	1111.53	67.10	995.58	119.19	798.33	57.01	31.04	24.27	13.50	3280.18
19	15.74	9.63	42.45	1198.42	66.06	884.28	95.06	533.46	54.53	30.29	23.69	13.50	2967.12
20	15.18	8.54	36.30	545.52	62.95	724.13	88.46	328.64	52.13	29.55	23.12	13.50	1928.03
21	14.62	9.09	33.29	256.58	61.92	597.80	79.71	213.33	50.51	28.80	22.55	13.50	1381.69
22	14.06	8.54	29.55	305.64	61.92	505.42	82.94	156.30	48.89	28.06	21.97	16.86	1280.16
23	14.06	7.46	28.06	580.83	60.88	471.62	73.34	123.20	47.28	28.06	21.40	17.99	1474.19
24	14.06	8.00	26.57	236.19	59.85	409.64	68.14	103.19	47.28	35.55	20.83	15.74	1045.03
25	16.86	8.00	25.42	275.93	62.95	354.09	66.06	90.66	46.43	49.66	20.26	14.62	1030.93
26	15.74	7.46	25.99	278.16	61.92	326.39	58.82	81.89	44.05	46.43	20.26	13.50	980.61
27	14.06	6.92	25.42	168.17	58.82	301.05	56.16	78.57	43.21	46.43	21.40	12.95	833.15
28	14.06	6.92	24.27	271.36	57.01	278.16	55.38	78.57	42.45	39.32	20.83	12.39	900.73
29	14.06	5.32	23.12	175.08	57.79	253.61	93.92	71.26	41.60	37.81	20.83	12.39	806.78
30	13.50	8.54	22.55	127.23	57.01	220.97	56.16	96.12	40.84	36.30		11.84	691.05
31		8.54		127.23	57.79		57.01		40.08	34.04		11.84	336.53
Total	479.10	349.31	1188.78	6262.92	2408.85	16709.34	3512.53	6313.97	4632.53	1096.68	748.72	481.47	44184.21
Mean	15.97	11.27	39.63	202.03	77.70	556.98	113.31	210.47	149.44	35.38	25.82	15.53	121.13
Max	21.97	21.40	109.84	1198.42	116.51	1015.52	496.19	1055.47	848.66	49.66	41.60	20.26	1198.42
Min	13.50	5.32	8.00	17.99	57.01	101.86	55.38	47.28	40.08	28.06	20.26	11.84	5.32

Stop - Program terminated.