

WATER YEAR 2022
UPPER PENINSULA EAST COAST

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

Location Lat.10° - 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 2022
 Number of observation 22
 R - Square 0.7036
 Remarks Continued Sediment Station

QS = 3.5318QW1.4452

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	275.85	34.91	424.74	68.75	132.78	101.30	2175.20	147.04	125.82	70.67	27.43	20.71	3605.18
2	194.17	66.84	516.84	86.58	233.91	70.67	1887.91	130.44	112.24	68.75	27.43	19.83	3415.62
3	97.03	59.40	332.20	245.14	271.95	29.86	921.54	118.97	114.47	66.84	27.43	18.97	2303.79
4	90.72	42.92	219.20	357.32	135.12	25.06	1120.27	110.03	348.88	66.84	29.86	18.97	2565.18
5	452.92	72.60	166.75	291.62	112.24	54.00	837.75	116.71	2059.87	61.24	27.43	18.97	4272.09
6	1371.98	2411.56	137.48	723.37	103.46	92.81	1276.93	620.57	4508.66	61.24	23.86	18.12	11350.03
7	226.52	1292.62	166.75	287.65	99.16	226.52	1129.31	684.25	1352.80	61.24	22.76	17.28	5566.86
8	123.52	1579.94	164.24	219.20	92.81	516.84	1381.60	441.58	684.25	59.40	21.59	16.45	5301.42
9	92.81	523.97	123.52	279.77	94.91	183.74	595.64	226.52	664.95	59.40	21.59	16.45	2883.26
10	74.55	166.75	107.83	1371.98	88.64	147.04	564.93	156.80	382.99	57.58	20.71	15.64	3155.44
11	72.60	135.12	99.16	2849.78	84.54	107.83	985.97	132.78	275.85	55.78	20.71	14.84	4834.96
12	107.83	783.28	97.03	2633.73	80.50	101.30	382.99	118.97	208.36	55.78	19.83	14.84	4604.43
13	63.09	260.35	88.64	2056.24	78.50	82.51	268.07	110.03	169.26	54.00	18.97	14.05	3263.72
14	57.58	84.54	86.58	1355.99	74.55	74.55	208.36	149.47	149.47	54.00	17.28	14.05	2326.43
15	52.24	130.44	279.77	4215.92	70.67	76.52	176.88	729.95	135.12	50.49	17.28	13.28	5948.55
16	45.70	97.03	180.30	1400.90	74.55	114.47	154.34	1528.35	125.82	48.76	33.57	13.28	3817.07
17	42.92	86.58	107.83	710.25	114.47	64.96	993.21	1202.42	118.97	47.05	311.71	12.52	3812.88
18	42.92	105.64	99.16	435.94	101.30	132.78	3383.63	900.36	114.47	45.70	88.64	11.77	5462.31
19	52.24	142.24	92.81	307.66	82.51	208.36	2478.54	571.03	105.64	44.25	52.24	11.77	4149.27
20	47.05	97.03	86.58	291.62	78.50	105.64	1720.64	271.95	101.30	42.92	40.19	11.04	2894.46
21	47.05	283.70	86.58	1410.58	74.55	151.90	1044.35	222.85	97.03	40.19	36.15	11.04	3505.98
22	45.70	2048.99	80.50	1324.19	112.24	130.44	893.33	190.68	92.81	38.79	32.35	11.04	5001.06
23	42.92	4713.40	74.55	677.80	80.50	90.72	658.55	151.90	88.64	36.15	27.43	11.04	6653.59
24	40.19	1051.72	74.55	447.24	72.60	74.55	710.25	135.12	86.58	36.15	25.06	10.32	2764.35
25	37.52	419.17	70.67	430.33	74.55	72.60	475.86	137.48	84.54	34.91	22.76	9.62	1870.00
26	34.91	241.38	70.67	260.35	68.75	59.40	470.09	154.34	80.50	37.52	23.86	8.93	1510.69
27	36.15	174.33	84.54	194.17	66.84	80.50	378.67	763.14	78.50	33.57	23.86	8.93	1923.21
28	36.15	441.58	70.67	176.88	70.67	230.21	510.92	336.35	76.52	32.35	21.59	7.60	2011.48
29	34.91	620.57	86.58	208.36	1305.22	1772.40	340.51	174.33	74.55	31.05		8.26	4656.74
30	34.91	1147.45	74.55	499.15	248.91	2546.08	233.91	142.24	72.60	29.86		9.62	5039.28
31		571.03		161.75	92.81		169.26		72.60	28.59		9.62	1105.65
Total	3974.62	19887.09	4351.26	25980.21	4472.73	7725.54	28529.40	10876.65	12764.06	1511.06	1083.53	418.82	121574.96
Mean	132.49	641.52	145.04	838.07	144.28	257.52	920.30	362.56	411.74	48.74	38.70	13.51	3954.47
Max	1371.98	4713.40	516.84	4215.92	1305.22	2546.08	3383.63	1528.35	4508.66	70.67	311.71	20.71	4713.40
Min	34.91	34.91	70.67	68.75	66.84	25.06	154.34	110.03	72.60	28.59	17.28	7.60	7.60

Stop - Program terminated.