

WATER YEAR 2022
UPPER PENINSULA EAST COAST

Khlong Rap Ro at Ban Hat Nai, Chumphon (X.248)

Location Lat.10° - 38' - 09" N., Long.99° - 03' - 12" E., Amphoe Tha Sae , Chumphon

Drainage Area 625.62 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH - 48
 Period of Available Records 2006 - Cont' d
 Actual Measurement 2006, 2013 - Cont' d
 Using Rating Curve Water Year 2022
 Number of observation 19
 R - Square 0.7721
 Remarks Continued Sediment Station

QS =4.8701 QW^{1.29}

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	467.41	292.19	495.64	158.84	355.10	695.27	866.31	296.93	292.19	196.90	78.17	47.03	4242.00
2	232.20	365.02	710.64	223.26	410.39	360.06	687.62	282.77	282.77	192.58	74.67	44.95	3866.92
3	179.76	335.46	380.01	553.19	453.44	311.26	876.40	268.76	268.76	184.01	71.21	44.95	3927.18
4	171.32	201.24	345.25	467.41	345.25	320.89	679.98	259.51	345.25	179.76	78.17	44.95	3438.96
5	179.76	250.33	316.06	619.58	311.26	439.56	509.90	264.12	5925.90	175.53	99.89	44.95	9136.83
6	162.97	1177.35	301.69	766.98	311.26	517.06	695.27	410.39	3072.94	167.13	85.28	42.89	7711.21
7	150.63	826.26	355.10	481.48	410.39	538.67	856.26	375.00	1314.99	162.97	78.17	42.89	5592.82
8	130.57	1786.14	306.46	446.48	360.06	846.23	589.87	330.58	906.80	158.84	71.21	40.85	5974.08
9	118.85	642.08	264.12	410.39	340.34	553.19	446.48	282.77	1007.69	154.72	71.21	40.85	4332.70
10	107.38	432.65	245.77	2601.18	517.06	405.29	400.21	259.51	545.92	154.72	71.21	40.85	5781.75
11	134.53	589.87	236.71	2448.81	474.43	355.10	370.00	245.77	446.48	150.63	71.21	38.83	5562.38
12	103.62	766.98	236.71	3949.37	360.06	320.89	345.25	236.71	400.21	259.51	66.65	38.83	7084.77
13	88.88	400.21	218.81	2557.44	330.58	335.46	320.89	227.72	370.00	171.32	51.25	38.83	5111.39
14	78.17	335.46	236.71	1880.27	301.69	335.46	316.06	227.72	345.25	162.97	51.25	36.84	4307.85
15	62.16	306.46	345.25	1053.75	287.47	311.26	330.58	1076.95	325.73	150.63	64.39	40.85	4355.49
16	53.40	292.19	264.12	695.27	296.93	301.69	316.06	1123.70	311.26	142.53	71.21	40.85	3909.21
17	49.13	259.51	214.39	531.45	316.06	273.41	425.78	612.12	301.69	134.53	188.29	38.83	3345.18
18	49.13	287.47	201.24	453.44	415.51	292.19	3532.58	634.56	287.47	130.57	122.73	34.87	6441.77
19	126.63	380.01	192.58	453.44	311.26	287.47	973.45	702.95	273.41	126.63	96.19	32.93	3956.95
20	107.38	311.26	184.01	453.44	311.26	350.17	856.26	395.14	264.12	122.73	81.71	32.93	3470.39
21	68.92	634.56	179.76	1147.24	325.73	380.01	728.02	350.17	259.51	118.85	74.67	32.93	4300.36
22	59.94	2946.39	175.53	836.23	560.49	278.08	657.18	340.34	250.33	115.00	71.21	32.93	6323.65
23	142.53	5925.90	223.26	517.06	335.46	259.51	531.45	375.00	245.77	107.38	68.92	31.01	8763.23
24	74.67	1575.83	201.24	460.41	306.46	250.33	553.19	355.10	236.71	107.38	55.56	44.95	4221.84
25	57.74	996.24	188.29	1177.35	278.08	273.41	453.44	311.26	232.20	103.62	53.40	40.85	4165.87
26	74.67	597.27	175.53	664.76	282.77	236.71	439.56	405.29	223.26	107.38	51.25	47.03	3305.47
27	118.85	619.58	171.32	634.56	292.19	241.23	400.21	664.76	218.81	99.89	53.40	44.95	3559.75
28	88.88	619.58	167.13	642.08	380.01	439.56	355.10	488.55	214.39	96.19	51.25	34.87	3577.61
29	134.53	657.18	171.32	664.76	672.36	1507.07	502.76	350.17	209.99	88.88		31.01	4990.03
30	130.57	524.24	158.84	502.76	350.17	627.06	370.00	306.46	201.24	81.71		31.01	3284.06
31		425.78		385.04	355.10		316.06		201.24	78.17		88.88	1850.27
Total	3705.18	25760.71	7863.48	28837.72	11358.60	12643.52	19702.18	12460.78	19782.26	4383.66	2123.70	1270.17	149891.95
Mean	123.51	830.99	262.12	930.25	366.41	421.45	635.55	415.36	638.14	141.41	75.85	40.97	4882.00
Max	467.41	5925.90	710.64	3949.37	672.36	1507.07	3532.58	1123.70	5925.90	259.51	188.29	88.88	5925.90
Min	49.13	201.24	158.84	158.84	278.08	236.71	316.06	227.72	201.24	78.17	51.25	31.01	31.01

Stop - Program terminated.