

WATER YEAR 2023
UPPER PENINSULA EAST COAST

Khlong Rap Ro at Ban Rap Ro, Chumphon (X.46)

Location Lat10° - 38' - 09" N., Long.99° - 03' - 12" E., Amphoe Tha Sae, Chumphon

Drainage Area 767.62 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH - 48
 Period of Available Records 2023 - Cont' d
 Actual Measurement 2023, 2024 - Cont' d
 Using Rating Curve Water Year 2023
 Number of observation 18
 R - Square 0.853
 Remarks Continued Sediment Station

QS =5.7163 QW^{1.1056}

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	50.70	49.14	49.14	44.51	222.17	335.23	405.82	337.56	191.90	114.13	61.70	46.05	1908.05	
2	50.70	49.14	49.14	44.51	198.99	460.76	342.23	565.13	177.81	112.45	60.12	41.44	2152.41	
3	50.70	49.14	49.14	44.51	227.56	482.43	325.92	439.18	225.76	110.77	58.54	39.92	2103.57	
4	50.70	49.14	49.14	47.59	206.09	582.31	302.75	291.23	746.50	109.09	56.96	38.40	2529.90	
5	50.70	49.14	49.14	44.51	177.81	629.17	291.23	256.48	614.33	107.42	55.39	35.38	2360.69	
6	50.70	49.14	60.12	44.51	170.80	463.16	375.07	232.96	293.53	105.75	53.82	32.38	1931.94	
7	50.70	49.14	190.13	44.51	190.13	412.95	349.24	223.97	254.66	104.08	52.26	27.94	1949.71	
8	50.70	49.14	215.01	44.51	177.81	386.87	484.85	211.44	251.03	102.41	50.70	26.47	2050.94	
9	50.70	49.14	234.76	44.51	215.01	377.43	332.90	204.31	223.97	100.75	49.14	25.01	1907.63	
10	50.70	49.14	179.56	44.51	243.79	470.38	282.04	229.36	188.37	99.09	49.14	22.12	1908.19	
11	50.70	49.14	183.08	44.51	193.67	422.47	405.82	206.09	176.05	97.43	79.37	19.26	1927.59	
12	50.70	49.14	160.34	44.51	243.79	403.45	265.58	202.54	167.31	95.77	119.19	15.05	1817.35	
13	50.70	49.14	127.66	44.51	489.68	396.34	240.17	458.36	158.60	94.12	77.75	13.67	2200.69	
14	50.70	49.14	72.90	44.51	460.76	368.01	312.00	668.89	153.40	92.47	64.88	10.95	2348.61	
15	50.70	49.14	50.70	44.51	952.79	574.94	533.36	518.76	149.95	90.82	60.12	10.95	3086.74	
16	50.70	49.14	49.14	165.56	731.41	673.88	577.39	567.58	144.77	89.18	58.54	9.61	3166.91	
17	50.70	49.14	47.59	636.60	528.49	619.27	412.95	2342.61	139.62	87.54	56.96	10.95	4982.42	
18	50.70	49.14	47.59	1265.75	410.57	460.76	316.63	1914.40	136.19	85.90	53.82	9.61	4801.07	
19	50.70	49.14	46.05	328.24	353.93	470.38	429.62	782.81	132.77	84.26	52.26	10.95	2791.12	
20	49.14	49.14	44.51	115.81	300.44	577.39	335.23	427.24	129.37	81.00	52.26	10.95	2172.48	
21	49.14	49.14	44.51	172.55	261.94	584.76	325.92	309.68	125.96	79.37	50.70	10.95	2064.63	
22	49.14	49.14	44.51	256.48	265.58	417.71	386.87	267.41	120.88	77.75	50.70	9.61	1995.78	
23	49.14	49.14	44.51	236.56	209.66	316.63	412.95	241.98	117.50	76.13	49.14	9.61	1812.95	
24	49.14	49.14	44.51	716.36	195.44	272.89	316.63	223.97	117.50	76.13	47.59	9.61	2118.91	
25	49.14	49.14	44.51	711.35	191.90	278.38	528.49	213.23	115.81	72.90	47.59	9.61	2312.05	
26	49.14	49.14	44.51	420.09	186.60	328.24	284.34	198.99	115.81	71.29	46.05	9.61	1803.81	
27	49.14	49.14	44.51	448.76	179.56	846.75	295.83	193.67	115.81	69.68	47.59	9.61	2350.07	
28	49.14	49.14	44.51	375.07	179.56	1758.65	247.41	191.90	115.81	68.08	47.59	9.61	3136.48	
29	49.14	49.14	44.51	278.38	177.81	883.50	604.46	181.32	115.81	66.48	50.70	9.61	2510.86	
30	49.14	49.14	44.51	252.85	176.05	530.93	415.33	181.32	114.13	64.88		9.61	1887.89	
31		49.14		252.85	241.98		360.96		114.13	63.29		9.61	1091.96	
Total	1503.81	1523.41	2399.92	7303.95	8961.78	15786.02	11500.01	13284.37	5945.07	2750.40	1660.55	564.10	73183.39	Ton
Mean	50.13	49.14	80.00	235.61	289.09	526.20	370.97	442.81	191.78	88.72	57.26	18.20	199.99	
Max	50.70	49.14	234.76	1265.75	952.79	1758.65	604.46	2342.61	746.50	114.13	119.19	46.05	2342.61	
Min	49.14	49.14	44.51	44.51	170.80	272.89	240.17	181.32	114.13	63.29	46.05	9.61	9.61	

Stop - Program terminated.