

WATER YEAR 2023

KHWAE NOI RIVER BASIN

Nan Khwae Noi Ban Kaeng Bua Kham Chat Trakan Phisaulok (N.81)

Location Lat.17°- 12' - 85"N., Long.100°- 58' - 139" E., on left bank oppesete to
Ban Kaeng Bua Kham Chat Trakan Phisaulok

Drainage Area 3,675.46 sq.km.

Method of Sampling Depth Integrating

Instrument Used US.D - 49

Period of Available Records 2012-Cont"d

Actual Measurement 2012-Cont"d

Using Rating Curve Water Year 2023

Number of observation 23

R - Square 0.7914

Remarks Continued Sediment Station

QS =3.0700 QW^{1.3359}

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	3.66	18.91	50.21	55.75	209.04	64.32	2267.34	701.93	70.20	15.50	10.33	5.09	3472.28
2	3.66	37.04	47.50	58.57	237.11	334.54	1884.35	617.45	67.25	15.50	10.33	5.09	3318.36
3	3.32	23.72	44.82	99.15	222.90	378.59	1498.24	489.59	64.32	15.50	9.61	5.09	2854.84
4	2.99	27.28	32.06	176.53	266.16	378.59	1288.98	405.66	61.43	15.50	9.61	5.09	2669.88
5	2.99	22.49	20.09	176.53	215.94	303.69	1133.60	360.80	58.57	15.50	8.91	5.09	2324.20
6	2.99	14.40	89.07	176.53	182.46	629.30	1010.78	343.24	55.75	14.40	8.22	5.09	2532.23
7	2.99	16.62	142.02	120.10	164.82	1051.33	1288.98	334.54	52.96	14.40	7.54	5.09	3201.38
8	2.99	27.28	957.42	84.13	164.82	1547.64	1884.35	319.02	52.96	14.40	7.54	5.09	5067.64
9	2.99	20.09	1384.61	70.20	215.94	2083.65	2694.17	296.17	50.21	14.40	7.54	5.09	6845.05
10	2.67	21.28	891.79	61.43	251.65	2910.42	4392.13	266.16	50.21	13.32	7.54	5.09	8873.68
11	3.32	15.50	597.30	73.19	258.88	3560.09	6070.72	258.88	47.50	13.32	6.88	4.72	10910.30
12	3.66	11.80	433.19	64.32	215.94	4966.68	6612.15	251.65	47.50	13.32	6.88	4.72	12631.82
13	3.66	195.17	351.99	73.19	170.65	6388.81	6022.38	222.90	47.50	13.32	6.24	4.72	13500.53
14	3.66	537.88	251.65	76.21	125.49	5974.42	4883.53	237.11	44.82	13.32	6.24	4.72	12159.04
15	3.66	508.77	258.88	70.20	104.29	4759.32	3852.41	195.17	39.59	13.32	6.24	5.09	9816.95
16	4.00	296.17	209.04	64.32	94.07	3560.09	2983.27	170.65	34.53	13.32	6.24	5.47	7441.17
17	4.00	188.44	195.17	67.25	76.21	3590.35	2412.67	159.04	29.65	13.32	6.24	5.85	6748.17
18	4.36	142.02	182.46	94.07	70.20	3955.84	1943.71	142.02	32.06	12.56	6.24	6.24	6591.78
19	4.72	109.50	147.64	73.19	58.57	4355.21	1547.64	130.94	29.65	12.56	6.24	6.88	6482.73
20	4.36	67.25	104.29	44.82	50.21	4595.41	1241.82	147.64	24.96	11.80	6.24	7.54	6306.34
21	3.66	44.82	67.25	104.29	73.19	4759.32	944.23	164.82	24.96	11.06	5.85	8.91	6212.35
22	3.66	24.96	52.96	73.19	153.31	4473.11	738.98	147.64	23.72	11.06	5.85	8.91	5717.33
23	3.66	18.91	39.59	73.19	176.53	3852.41	701.93	130.94	21.28	10.33	5.85	8.22	5042.84
24	3.66	17.76	32.06	130.94	176.53	3105.77	577.32	120.10	21.28	10.33	5.85	7.54	4209.14
25	3.32	15.50	32.06	296.17	125.49	2412.67	499.16	130.94	20.09	9.61	5.85	6.88	3557.73
26	3.32	12.56	44.82	396.58	76.21	1943.71	442.47	136.45	20.09	9.61	5.85	6.24	3097.91
27	3.32	13.32	55.75	343.24	58.57	1806.06	334.54	170.65	20.09	9.61	5.47	6.24	2826.85
28	4.36	14.40	52.96	237.11	58.57	2350.17	378.59	215.94	20.09	9.61	5.47	6.88	3354.14
29	6.88	23.72	37.04	142.02	47.50	2350.17	433.19	303.69	18.91	10.33	5.47	6.88	3385.79
30	9.61	29.65	37.04	79.26	42.18	2412.67	470.60	281.13	21.28	11.06		6.88	3401.35
31		44.82		104.29	39.59		597.30		20.09	11.06		6.88	824.03
TOTAL	116.06	2561.98	6842.71	3759.96	4383.04	84854.35	63031.53	7852.84	1193.45	392.24	202.34	187.31	175377.82 TON/DAY
MEAN	3.87	82.64	228.09	121.29	141.39	2828.48	2033.28	261.76	38.50	12.65	6.98	6.04	480.41 TON/DAY
MAX	9.61	537.88	1384.61	396.58	266.16	6388.81	6612.15	701.93	70.20	15.50	10.33	8.91	6612.15 TON/DAY
MIN	2.67	11.80	20.09	44.82	39.59	64.32	334.54	120.10	18.91	9.61	5.47	4.72	2.67 TON/DAY

Stop - Program terminated.