

WATER YEAR 2021

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 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 2022

Number of observation 23

R - Square 0.8962

Remarks Continued Sediment Station

QS = 2.2418 QW^{1.4473}

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	125.09	19.14	42.45	25.74	3372.26	2624.15	8547.64	265.79	203.71	31.29	9.95	5.42	
2	79.98	19.14	37.86	27.13	3372.26	2335.50	7876.03	247.53	160.19	31.29	9.95	5.42	
3	52.10	23.03	44.80	21.70	3260.78	2148.94	7936.38	238.56	172.47	31.29	9.95	5.42	
4	31.29	29.19	49.63	21.70	2673.26	2080.23	7576.42	212.26	130.76	29.19	9.95	4.75	
5	24.37	31.29	75.90	19.14	2103.06	1967.52	6988.11	203.71	101.34	29.19	10.78	4.75	
6	23.03	24.37	67.66	17.89	1814.48	1771.46	6119.94	186.93	92.61	27.13	11.64	4.75	
7	17.89	27.13	59.72	17.89	2080.23	1814.48	5244.72	172.47	84.13	25.74	11.64	4.11	
8	14.31	25.74	49.63	21.70	3754.66	2012.21	4823.08	166.29	75.90	24.37	11.64	4.11	
9	13.40	37.86	44.80	136.49	4776.91	2575.32	4395.97	160.19	70.38	23.03	10.78	4.11	
10	12.51	40.13	40.13	178.71	6219.74	3050.39	3891.86	154.16	70.38	24.37	9.95	4.75	
11	13.40	110.31	44.80	528.26	7398.39	2847.34	3456.63	148.20	67.66	21.70	9.95	4.75	
12	11.64	110.31	40.13	1055.21	8118.28	2624.15	2948.32	142.31	64.98	23.03	9.95	4.11	
13	10.78	130.76	35.63	1792.93	7695.83	2241.62	2502.62	142.31	62.34	21.70	9.95	4.75	
14	15.48	84.13	27.13	2359.15	7163.06	2382.88	2103.06	136.49	59.72	20.41	9.95	5.42	
15	13.40	73.12	33.44	2747.45	6420.81	2599.70	1707.54	130.76	57.15	17.89	9.14	6.83	
16	11.64	105.80	84.13	3233.09	8547.64	2922.97	1379.22	105.80	54.61	15.48	9.14	6.83	
17	10.78	265.79	92.61	3652.77	8118.28	2872.48	1147.71	148.20	52.10	15.48	8.35	7.58	
18	10.78	415.81	79.98	3585.33	7457.59	2747.45	1000.87	130.76	49.63	16.67	8.35	6.83	
19	15.48	648.67	114.88	3233.09	6930.09	2822.26	860.42	203.71	47.20	16.67	8.35	6.11	
20	27.13	513.76	88.34	3101.82	6699.53	2502.62	760.08	195.26	44.80	15.48	7.58	5.42	
21	40.13	332.73	59.72	3288.54	7695.83	2195.13	679.95	154.16	42.45	14.31	7.58	5.42	
22	303.47	293.91	44.80	3857.42	11715.94	2195.13	602.63	136.49	40.13	14.31	6.83	4.75	
23	166.29	429.41	37.86	4245.42	12539.70	2406.68	542.89	119.51	40.13	13.40	7.58	4.11	
24	166.29	332.73	25.74	4170.76	11938.88	2454.51	485.12	110.31	37.86	16.67	6.83	3.50	
25	136.49	212.26	23.03	3686.64	10263.44	2872.48	443.14	119.51	37.86	19.14	6.83	2.92	
26	62.34	154.16	23.03	3316.38	7936.38	3720.60	402.35	136.49	37.86	15.48	6.11	2.37	
27	35.63	105.80	44.80	3205.48	6070.24	4915.83	362.80	154.16	35.63	13.40	6.83	1.86	
28	27.13	75.90	37.86	2999.22	4823.08	6320.03	342.66	212.26	31.29	11.64	6.11	1.86	
29	21.70	70.38	33.44	2575.32	4030.56	8301.46	322.88	313.13	31.29	10.78		1.86	
30	17.89	59.72	33.44	2012.21	3686.64	8983.77	303.47	293.91	31.29	10.78		1.86	
31		47.20		2406.68	3101.82		284.44		31.29	9.95		1.86	
TOTAL	1511.9	4849.6	1517.4	61541.3	191779.6	93309.3	86038.9	5241.6	2119.1	611.3	251.6	138.6	448910.3 TON/DAY
MEAN	50.4	156.4	50.6	1985.2	6186.4	3110.3	2775.4	174.7	68.4	19.7	9.0	4.5	1215.9 TON/DAY
MAX	303.5	648.7	114.9	4245.4	12539.7	8983.8	8547.6	313.1	203.7	31.3	11.6	7.6	12539.7 TON/DAY
MIN	10.8	19.1	23.0	17.9	1814.5	1771.5	284.4	105.8	31.3	9.9	6.1	1.9	1.9 TON/DAY

Stop - Program terminated.