

**WATER YEAR 2022**

**NAN RIVER BASIN**

**Khek River at Ban Wang Nok Aen, Phitsanulok ( N.24A )**

**Location** Lat.16°- 50'- 35"N., Long.100°- 31'- 20" E., on right bank about 2 Kilometers  
downstream from Sakunothayan Fall, Amphoe Wang Thohg, Phitsanulok.

**Drainage Area** 1,861 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** 23  
**R - Square** 0.7233  
**Remarks** Continued Sediment Station

QS =2.9544 QW<sup>1.3988</sup>

WATER YEAR - 2022

SUSPENDE 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
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1	32.89	29.65	81.57	19.97	480.34	561.20	4143.16	153.93	107.28	26.51	7.36	1.31	
2	24.07	45.30	27.13	29.01	307.14	832.07	4642.83	144.20	98.19	25.89	6.93	1.58	
3	14.51	26.51	26.51	33.55	364.47	773.85	5758.70	137.85	91.96	24.67	6.51	1.31	
4	11.98	17.18	18.84	44.58	438.02	553.47	3082.56	132.93	89.33	24.07	6.10	1.31	
5	9.13	11.98	19.97	65.06	608.41	605.77	2414.71	123.25	82.42	23.47	6.10	1.06	
6	8.68	12.47	35.55	74.84	678.59	1891.28	1763.71	116.60	76.50	22.88	5.70	0.82	
7	7.36	12.47	31.58	82.42	1189.10	1779.06	1415.74	112.84	74.84	22.29	5.70	0.82	
8	6.10	20.54	26.51	66.66	3929.52	1343.99	1273.32	109.13	70.72	21.70	7.36	0.82	
9	4.54	42.44	20.54	139.83	5173.26	828.97	1313.57	104.53	69.09	20.54	14.51	2.47	
10	3.12	57.99	21.70	178.03	3660.76	908.14	1021.56	99.09	65.86	18.84	14.51	10.53	
11	2.47	46.74	21.70	707.98	2493.36	991.93	897.79	94.62	61.89	18.84	15.56	11.98	
12	1.58	31.58	19.40	1032.73	1619.72	1106.10	690.30	91.08	58.76	18.28	13.99	17.18	
13	1.06	40.34	15.03	863.19	1102.07	1395.13	600.31	87.59	51.16	18.28	11.00	22.88	
14	0.60	42.44	17.73	933.42	1634.71	1597.31	545.77	85.85	46.02	17.73	9.13	22.88	
15	0.40	28.38	56.45	894.63	991.93	1333.83	522.85	84.99	45.30	17.73	7.79	17.73	
16	0.00	24.07	43.15	616.73	1817.63	1263.31	446.63	84.99	43.86	17.18	6.93	18.84	
17	0.00	19.40	30.29	915.34	2226.73	991.93	438.02	85.85	41.74	16.10	5.70	17.73	
18	0.00	69.90	74.84	693.24	1283.35	1055.41	386.18	96.40	40.34	15.03	4.92	16.10	
19	31.58	45.30	44.58	390.16	838.26	2068.82	345.05	97.29	38.26	13.99	4.54	16.63	
20	21.12	34.88	30.29	398.17	672.76	1313.57	312.74	88.46	36.22	13.99	4.54	16.63	
21	8.68	24.67	26.51	962.54	1288.26	915.34	288.97	84.13	34.88	12.97	4.17	15.56	
22	130.01	46.74	21.12	1228.58	2504.65	1184.08	270.67	79.02	33.55	12.47	3.12	13.99	
23	131.96	33.55	15.56	3643.46	1841.39	3023.37	262.46	72.36	33.55	11.98	1.87	13.99	
24	41.03	36.22	12.47	3678.09	1021.56	3337.88	249.92	69.09	32.23	11.49	3.12	13.48	
25	26.51	34.88	10.53	1857.98	856.94	4065.10	233.25	75.67	32.23	10.53	3.12	13.48	
26	29.01	27.75	13.99	1025.28	875.72	8982.22	216.76	133.91	31.58	10.05	2.79	12.97	
27	20.54	29.65	13.99	746.70	1263.31	8869.38	207.95	158.15	30.29	10.05	3.12	12.97	
28	13.99	20.54	25.28	619.39	1318.75	4707.64	199.25	175.24	29.01	9.13	2.16	12.47	
29	17.73	15.03	19.97	440.25	1273.32	3052.92	184.98	115.66	28.38	8.68		11.49	
30	32.89	12.47	15.56	442.32	894.63	3052.92	172.47	104.53	27.75	7.79		11.00	
31		15.56		535.55	710.93		160.99		27.13	7.36		11.98	

TOTAL	633.5	956.6	838.3	23359.7	45359.6	64386.0	34463.1	3199.2	1630.3	510.5	188.4	344.0	175869.3 TON/DAY
MEAN	21.1	30.9	27.9	753.5	1463.2	2146.2	1111.7	106.6	52.6	16.5	6.7	11.1	479.0 TON/DAY
MAX	132.0	69.9	81.6	3678.1	5173.3	8982.2	5758.7	175.2	107.3	26.5	15.6	22.9	8982.2 TON/DAY
MIN	0.0	12.0	10.5	20.0	307.1	553.5	161.0	69.1	27.1	7.4	1.9	0.8	0.0 TON/DAY

Stop - Program terminated.