WATER YEAR 2023

NAM KHEK RIVER BASIN

Nam Khek Ban tan Ta Wun Khao Kho Phetchabun (N.73)

Location Lat.16°- 33′- 24″N., Long.100°- 53′- 44″ E., on left bank oppesete to Ban tan Ta Wun Khao Kho Phetchabun

Drainage Area	223.86 sq.km.
Method of Sampling	Depth Integrating
Instrument Used	US.D - 49
Period of Available Records	2020-Cont"d
Actual Measurement	2020-Cont"d
Using Rating Curve Water Year	2023
Number of observation	63
R - Square	0.9053
Remarks	Continued Sediment Station

$QS = 1.5929QW^{1.2734}$

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	0.30	0.18	0.00	13.06	1.95	13.06	80.17	18.12	4.02	4.02	3.80	1.05	139.75	
2	0.30	0.00	0.00	13.06	1.95	13.06	70.70	16.90	4.02	4.02	3.58	0.88	128.49	
3	0.30	0.00	0.00	13.06	1.95	13.06	68.19	16.90	3.80	4.02	3.58	0.88	125.76	
4	0.30	0.00	0.00	10.81	1.95	13.06	96.06	17.20	4.02	3.80	3.58	0.88	151.68	
5	0.30	0.00	0.00	7.37	1.95	13.06	81.64	15.70	4.02	3.80	3.58	0.88	132.31	
6	0.30	0.00	0.00	6.37	1.95	13.06	120.95	14.81	4.02	4.25	3.58	0.88	170.18	
7	0.30	0.00	0.00	6.37	1.95	18.43	96.84	13.64	4.25	4.70	3.58	0.88	150.95	
8	0.30	0.00	0.00	6.13	1.95	52.92	267.69	13.93	4.02	4.70	3.58	0.88	356.11	
9	0.30	0.00	0.00	6.13	1.95	35.84	173.85	15.10	4.02	4.93	3.58	0.88	246.59	
10	0.30	0.00	0.00	6.13	1.95	36.31	133.57	13.06	4.02	4.70	3.58	0.88	204.51	
11	0.30	0.00	0.00	4.47	2.14	56.52	92.99	12.49	4.02	4.47	3.58	0.88	181.88	
12	0.30	0.00	0.00	3.15	2.14	89.94	71.34	11.65	4.02	4.25	3.58	0.88	191.26	
13	0.30	0.00	0.00	1.95	2.33	111.88	65.07	10.54	4.02	3.80	3.58	0.88	204.36	
14	0.30	0.00	0.00	1.95	2.53	127.62	72.82	9.99	4.02	3.80	3.58	0.88	227.50	
15	0.30	0.00	0.00	1.95	2.74	162.65	77.92	9.19	4.02	3.80	3.58	0.88	267.04	
16	0.30	0.00	0.00	1.95	2.94	179.98	64.44	8.92	4.02	3.80	3.58	0.88	270.84	
17	0.30	0.00	0.00	1.95	2.94	194.55	49.97	8.66	4.02	3.80	3.58	0.88	270.66	
18	0.30	0.00	0.00	1.95	2.94	193.47	43.02	7.88	4.02	3.80	3.58	0.88	261.85	
19	0.30	0.00	0.00	2.14	2.94	249.85	38.59	7.12	4.02	3.80	3.58	0.88	313.23	
20	0.30	0.00	0.00	1.95	2.94	159.65	34.93	6.87	4.02	3.80	3.58	0.88	218.92	
21	0.30	0.00	0.00	1.95	3.15	142.99	35.40	6.62	4.02	4.02	3.58	0.88	202.92	
22	0.30	0.00	0.00	1.95	3.80	142.99	29.67	6.37	4.02	4.25	3.58	0.88	197.81	
23	0.30	0.00	0.00	1.95	4.47	142.99	27.52	6.13	4.02	4.02	3.58	0.88	195.86	
24	0.30	0.00	0.00	1.95	5.40	142.99	25.40	5.88	4.02	4.02	3.58	0.88	194.44	
25	0.30	0.00	0.00	1.95	7.12	142.99	24.12	5.64	4.02	4.02	3.58	0.88	194.63	
26	0.30	0.00	0.00	1.95	8.14	142.99	22.89	5.17	4.02	4.02	3.58	0.88	193.95	
27	0.30	0.00	0.00	1.95	8.40	142.13	24.12	4.93	4.02	4.02	3.58	0.88	194.35	
28	0.30	0.00	0.00	1.95	9.46	144.69	28.34	4.70	3.80	4.02	3.58	0.88	201.73	
29	0.30	0.00	0.00	1.95	10.81	162.65	24.56	4.47	3.37	4.02	3.58	0.88	216.60	
30	0.30	0.00	1.76	1.95	11.37	160.68	22.50	4.25	3.37	4.02		0.88	211.08	
31		0.00		1.95	13.06		20.48		3.37	4.02		0.88	43.76	
TOTAL	9.02	0.18	1.76	133.28	131.25	3216.05	2085.80	302.85	122.53	126.57	104.12	27.58	6260.99	TON/DAY
MEAN	16.61	21.91	163.37	447.11	921.58	3008.97	677.10	209.90	139.23	106.73	63.97	40.05	5816.51	TON/DAY
MAX	0.30	0.18	1.76	13.06	13.06	249.85	267.69	18.12	4.25	4.93	3.80	1.05	267.69	TON/DAY
MIN	0.30	0.00	0.00	1.95	1.95	13.06	20.48	4.25	3.37	3.80	3.58	0.88	0.00	TON/DAY

Stop - Program terminated.