

WATER YEAR 2023

PASAK RIVER BASIN

Lom Kao at Ban Tha Hai Yong, Phetchabun (S.33)

Location Lat.17° - 00' - 11"N., Long.101° - 21' - 22"E., on left bank at Ban Tha Hai Yong.

Amphoe Lom Kao, Phetchabun.

Drainage Area 514.97sq.km.
Method of Sampling Depth Integrating
Instrument Used US.DH - 48,US.D-49
Period of Available Records 2001 - Cont'd
Actual Measurement 2001 - Cont'd
Using Rating Curve Water Year 2023
Number of observation 18
R - Square 0.7380
Remarks Continued Sediment Station

$$QS = 61.3776QW^{0.9812}$$

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	40.83	33.53	73.40	199.23	244.47	285.47	792.47	390.97	162.06	91.37	51.73	40.83	
2	40.83	44.47	73.40	219.82	335.09	281.37	816.55	321.10	162.06	91.37	48.10	40.83	
3	40.83	37.18	77.00	422.34	178.60	277.28	708.09	293.65	162.06	91.37	48.10	55.35	
4	40.83	33.53	73.40	611.41	124.73	277.28	683.94	285.47	145.49	91.37	48.10	55.35	
5	37.18	33.53	73.40	269.08	124.73	277.28	561.23	277.28	133.04	91.37	48.10	51.73	
6	37.18	29.87	73.40	252.68	124.73	344.42	725.90	269.08	116.41	91.37	48.10	51.73	
7	33.53	29.87	73.40	248.58	145.49	708.09	635.61	256.78	116.41	91.37	48.10	48.10	
8	33.53	29.87	386.32	248.58	170.33	583.16	4356.58	248.58	116.41	91.37	48.10	48.10	
9	37.18	26.20	1635.71	244.47	153.78	506.34	3192.22	215.70	116.41	91.37	48.10	48.10	
10	37.18	29.87	1850.91	244.47	166.20	1282.03	2477.58	207.47	116.41	91.37	48.10	48.10	
11	37.18	58.97	1202.44	244.47	141.35	411.89	1050.36	207.47	112.24	87.78	48.10	48.10	
12	33.53	55.35	1072.03	240.37	133.04	302.42	737.96	199.23	112.24	87.78	48.10	48.10	
13	33.53	99.73	1425.06	244.47	133.04	358.40	653.45	190.98	112.24	87.78	48.10	48.10	
14	29.87	120.57	1107.93	240.37	133.04	325.76	708.09	178.60	112.24	87.78	48.10	48.10	
15	29.87	120.57	947.02	240.37	128.89	1500.44	1210.40	178.60	112.24	87.78	48.10	48.10	
16	29.87	69.80	1000.72	240.37	128.89	2508.43	940.74	170.33	112.24	87.78	48.10	48.10	
17	26.20	55.35	1202.44	240.37	128.89	1258.16	572.20	166.20	112.24	87.78	48.10	48.10	
18	33.53	51.73	986.44	240.37	128.89	798.20	458.87	157.92	112.24	87.78	48.10	48.10	
19	26.20	48.10	120.57	153.78	133.04	1186.51	401.43	157.92	112.24	87.78	48.10	48.10	
20	26.20	48.10	120.57	73.40	219.82	871.53	367.71	157.92	112.24	87.78	48.10	48.10	
21	33.53	48.10	120.57	69.80	195.11	659.78	344.42	166.20	99.73	84.19	40.83	44.47	
22	29.87	48.10	120.57	62.58	174.47	372.36	321.10	166.20	99.73	84.19	40.83	44.47	
23	29.87	48.10	120.57	73.40	170.33	367.71	316.43	157.92	99.73	73.40	40.83	40.83	
24	26.20	55.35	116.41	858.94	170.33	302.42	302.42	157.92	99.73	66.19	40.83	40.83	
25	22.52	48.10	120.57	244.47	170.33	390.97	285.47	157.92	99.73	62.58	40.83	40.83	
26	37.18	48.10	120.57	289.56	170.33	381.67	277.28	157.92	99.73	66.19	40.83	40.83	
27	62.58	48.10	120.57	232.15	170.33	959.60	302.42	157.92	99.73	66.19	40.83	40.83	
28	66.19	58.97	141.35	228.04	170.33	2461.87	344.42	153.78	95.55	62.58	40.83	40.83	
29	40.83	157.92	124.73	223.93	170.33	2888.20	438.00	145.49	91.37	69.80	40.83	40.83	
30	33.53	162.06	432.78	240.37	599.88	1862.19	381.67	137.20	91.37	69.80		40.83	
31		84.19		269.08	325.76		768.38		91.37	69.80			40.83
TOTAL	1067.40	1863.27	15114.27	7911.33	5664.63	24991.21	26133.34	6089.75	3536.94	2566.39	1333.04	1425.56	97697.12 TON/DAY
MEAN	35.58	60.11	503.81	255.20	182.73	833.04	843.01	202.99	114.09	82.79	45.97	45.99	266.93 TON/DAY
MAX	66.19	162.06	1850.91	858.94	599.88	2888.20	4356.58	390.97	162.06	91.37	51.73	55.35	4356.58 TON/DAY
MIN	22.52	26.20	73.40	62.58	124.73	277.28	277.28	137.20	91.37	62.58	40.83	40.83	22.52 TON/DAY

Stop - Program terminated.