

WATER YEAR 2022

YOM RIVER BASIN

Yom River at Sawankhalok , sukhothai (Y.3A)

Location Lat.17° - 18' - 29''N., Long.99° - 49' - 43''E., on left bank about 150 meters upstream
from kaeng, Amphoe Sawankhalok, Sukhothai.

Drainage Area 13,331 sq.km.

Method of Sampling Depth Integrating

Instrument Used US.DH - 48

Period of Available Records 1967 Cont'd

Actual Measurement 1967 Cont'd

Using Rating Curve Water Year 2022

Number of observation 19

R - Square 0.9579

Remarks Continued Sediment Station

QS = 2.7510QW^{1.2403}

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	0.0	0.0	0.0	0.0	164.7	1127.3	3003.7	390.9	218.7	4.3	13.9	0.0	
2	0.0	0.0	0.0	0.0	168.1	1612.0	7212.2	463.2	201.3	3.7	18.3	0.0	
3	0.0	0.0	0.0	0.0	180.0	3035.1	8510.0	442.3	227.5	3.3	24.1	0.0	
4	0.0	192.7	0.0	0.0	282.4	2693.3	7882.2	223.1	180.0	3.0	12.1	0.0	
5	0.0	131.5	0.0	0.0	385.8	1786.7	7926.7	209.9	223.1	2.7	2.7	0.0	
6	0.0	92.9	0.0	0.0	411.3	1379.0	6102.6	201.3	209.9	2.4	0.5	0.0	
7	0.0	92.9	0.0	0.0	550.0	1112.8	3912.6	180.0	106.1	2.1	0.0	0.0	
8	0.0	134.8	489.6	44.2	561.3	1062.9	3270.3	254.2	52.4	1.8	0.0	0.0	
9	0.0	201.3	330.9	36.3	578.2	1230.4	2036.2	282.4	53.8	1.6	0.0	0.0	
10	0.0	268.2	201.3	138.0	1347.5	3098.7	882.1	92.9	51.0	1.6	0.0	0.0	
11	0.0	268.2	128.3	128.3	3947.7	5089.0	1230.4	227.5	28.4	1.0	0.0	0.0	
12	0.0	209.9	121.8	231.9	3694.5	6088.9	1761.2	201.3	18.8	0.5	0.0	0.0	
13	0.0	151.3	115.5	316.2	2703.6	6589.7	2420.9	184.2	20.0	0.5	0.0	0.0	
14	0.0	147.9	109.2	258.8	3045.6	6254.9	2010.1	355.6	17.3	0.3	0.0	0.0	
15	0.0	125.1	103.8	263.5	3292.4	4961.8	2557.8	648.1	13.0	0.3	0.0	0.0	
16	0.0	101.6	99.4	489.6	3336.6	3994.6	2100.0	555.6	11.6	0.1	0.0	0.0	
17	0.0	144.6	0.0	1134.6	3447.7	3865.8	1620.1	690.7	10.7	0.0	0.0	0.0	
18	0.0	282.4	0.0	1171.2	3936.0	3481.2	1474.6	690.7	9.9	0.0	0.0	0.0	
19	0.0	355.6	0.0	1035.7	3248.5	2837.3	1171.2	672.3	15.4	21.7	0.0	0.0	
20	0.0	1761.2	0.0	447.5	2305.7	2267.6	1200.6	784.5	26.7	31.8	0.0	0.0	
21	0.0	2063.3	0.0	406.2	1612.0	2100.0	981.7	829.8	24.1	11.6	0.0	0.0	
22	0.0	1134.6	0.0	1426.6	1915.0	2632.0	733.7	648.1	20.9	6.9	0.0	0.0	
23	0.0	426.8	0.0	2220.3	2816.7	3227.0	702.9	533.2	18.8	2.4	0.0	0.0	
24	0.0	240.8	0.0	2109.3	5454.9	3570.7	727.5	380.8	17.3	4.7	0.0	0.0	
25	0.0	164.7	0.0	2473.4	6505.7	3270.3	758.9	370.7	16.3	6.9	0.0	0.0	
26	0.0	180.0	0.0	2837.3	5844.1	2806.4	715.3	365.6	13.9	8.6	0.0	0.0	
27	0.0	164.7	0.0	2027.5	4646.7	4147.9	1035.7	432.0	10.3	9.4	0.0	0.0	
28	0.0	103.8	0.0	1035.7	3865.8	4911.1	778.1	426.8	8.6	11.2	0.0	0.0	
29	0.0	40.2	0.0	370.7	3184.1	3807.8	696.8	401.1	6.5	13.5	0.0	0.0	
30	0.0	13.0	0.0	335.8	2536.7	2642.2	888.6	301.6	5.7	16.3	0.0	0.0	
31		0.0		268.2	1677.5		442.3		5.0	16.3		0.0	
TOTAL	0.0	9194.1	1699.9	21206.7	77646.8	96684.7	76747.0	12440.3	1842.6	190.8	71.7	0.0	297724.55 TON/DAY
MEAN	0.0	296.6	56.7	684.1	2504.7	3222.8	2475.7	414.7	59.4	6.2	2.6	0.0	815.7 TON/DAY
MAX	0.0	2063.3	489.6	2837.3	6505.7	6589.7	8510.0	829.8	227.5	31.8	24.1	0.0	8509.96 TON/DAY
MIN	0.0	0.0	0.0	0.0	164.7	1062.9	442.3	92.9	5.0	0.0	0.0	0.0	0.00 TON/DAY

Stop - Program terminated.