

WATER YEAR 2022

YOM RIVER BASIN

Yom River at Ban kaeng Luang , sukhothai (Y.6)

Location Lat.17° - 26' - 03''N., Long.99° - 47' - 32''E., on left bank about 150 meters upstream
from kaeng, Amphoe Si Satchnalai, Sukhothai.

Drainage Area 12,658 sq.km.

Method of Sampling Depth Integrating

Instrument Used US.DH - 48

Period of Available Records 1963 - 1987 , 1997 - Cont'd

Actual Measurement 1963 - 1987 , 1997 - Cont'd

Using Rating Curve Water Year 2022

Number of observation 20

R - Square 0.9383

Remarks Continued Sediment Station

QS = 0.9787QW^{1.4629}

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	78.3	4113.6	0.0	96.1	2062.0	10447.8	526.9	259.7	199.1	11.0	0.8	
2	0.0	18.5	2669.4	0.0	99.7	1449.5	23786.2	741.3	368.7	75.5	9.8	0.6	
3	0.0	9.0	1655.8	0.0	206.7	4692.4	23878.2	384.1	576.2	38.0	12.1	0.4	
4	0.0	4.5	1865.2	0.0	319.4	2784.6	23510.8	47.1	723.3	29.9	0.6	0.0	
5	0.0	2.0	2642.0	1389.3	362.7	1769.1	23152.2	8.4	705.4	26.8	0.0	0.0	
6	0.0	7.2	3215.4	1389.3	804.3	2112.2	17193.0	12.6	495.1	25.0	0.5	0.0	
7	0.0	62.3	2905.7	239.8	870.3	1769.1	10864.8	12.6	300.1	25.6	1.2	0.0	
8	0.0	853.6	1064.1	1551.6	788.1	2754.7	9143.2	0.0	443.7	28.0	2.7	0.0	
9	0.5	1156.9	129.6	1409.3	1045.8	3183.8	6129.5	368.7	687.7	57.6	3.9	0.0	
10	0.0	1064.1	0.0	338.6	4007.7	8490.5	5441.6	433.6	0.0	57.6	4.7	0.0	
11	0.0	692.9	0.0	903.9	6682.8	10273.9	6217.8	796.2	0.0	41.2	4.5	0.0	
12	0.0	282.3	0.0	1613.9	7120.9	15970.5	5608.2	551.3	516.2	50.7	4.7	0.0	
13	0.0	319.4	0.0	264.2	4256.0	15539.6	5121.1	433.6	224.0	48.4	10.2	0.0	
14	0.0	273.2	0.0	338.6	6586.6	12909.7	4400.0	415.6	148.9	38.5	11.0	0.0	
15	0.0	176.3	0.0	464.2	6443.2	7467.8	4845.9	368.7	132.3	26.8	15.6	0.0	
16	0.0	246.6	0.0	1865.2	5954.1	6217.8	3121.5	614.0	110.9	16.6	10.0	0.0	
17	0.0	399.8	0.0	3736.8	5910.6	5002.6	3670.0	796.2	116.7	25.0	7.4	0.0	
18	0.0	464.2	0.0	3374.3	7417.9	3342.0	3374.3	453.8	145.2	37.1	2.7	0.0	
19	0.0	820.7	0.0	1613.9	4508.8	2724.7	2784.6	741.3	167.9	18.2	0.7	0.0	
20	0.0	6217.8	0.0	477.5	2697.1	2062.0	3871.5	705.4	126.0	5.4	0.6	0.0	
21	0.0	3310.3	0.0	1329.9	1793.0	2112.2	1551.6	353.4	94.4	4.0	0.6	0.0	
22	16.8	3374.3	0.0	5441.6	1369.4	3342.0	326.0	160.2	71.3	2.1	0.7	0.0	
23	142.7	2997.6	0.0	4327.8	3804.0	3439.4	415.6	126.0	58.0	2.1	0.8	0.0	
24	724.2	1064.1	0.0	3603.6	8869.4	4007.7	687.7	228.7	35.3	3.3	0.8	0.0	
25	1290.8	2087.1	0.0	5737.2	14548.8	4923.8	576.2	384.1	23.5	4.9	0.9	0.0	
26	1194.7	3703.4	0.0	4963.2	7318.5	9419.7	563.7	484.7	20.9	5.2	0.9	0.0	
27	646.8	2532.8	0.0	2087.1	5737.2	10682.8	777.8	759.5	16.0	5.9	0.9	0.0	
28	399.8	991.6	0.0	938.4	5240.7	9929.1	384.1	741.3	10.4	7.2	0.8	0.0	
29	171.4	362.7	0.0	350.6	3247.0	6827.8	670.1	332.6	2.9	9.4		0.0	
30	46.2	870.3	0.0	193.9	2614.4	5650.9	345.9	219.4	3.5	12.4		0.0	
31		2697.1		96.1	2087.1		142.0		213.2	14.7		0.0	
TOTAL	4634	37141	20261	50040	122808	172914	203003	12201	6797	942	120	2	630862.3 TON/DAY
MEAN	154.5	1198.1	675.4	1614.2	3961.6	5763.8	6548.5	406.7	219.3	30.4	4.3	0.1	1728.4 TON/DAY
MAX	1290.8	6217.8	4113.6	5737.2	14548.8	15970.5	23878.2	796.2	723.3	199.1	15.6	0.8	23878.18 TON/DAY
MIN	0.0	2.0	0.0	0.0	96.1	1449.5	142.0	0.0	0.0	2.1	0.0	0.0	0.00 TON/DAY

Stop - Program terminated.