

WATER YEAR 2023

YOM RIVER BASIN

Yom River at Si Satchanalai, Sukhothai (Y.14A)

Location	Lat.17° - 34' - 17.2"N., Long.99° - 44' - 10.9"E., on left bank about 50 metees from Si Satchanalai - Dan Chai, higway guidepos Ban Don Rabiang Amphoe Si Satchanalai Sukhothai
Drainage Area	12,141.19 sq.km.
Method of Sampling	Depth Integrating
Instrument Used	US.DH - 48
Period of Available Records	2020 Cont'd
Actual Measurement	2020 Cont'd
Using Rating Curve Water Year	2023
Number of observation	21
R - Square	0.7784
Remarks	Continued Sediment Station

$$QS = 1.1015QW^{1.4432}$$

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	0.0	0.6	37.1	55.6	93.1	119.1	30774.7	2992.3	119.1	28.8	21.2	0.0	
2	0.0	0.4	60.6	65.7	126.5	311.8	31244.9	2697.8	119.1	28.8	28.8	0.0	
3	0.0	0.3	37.1	93.1	119.1	851.0	14791.9	2173.9	119.1	28.8	32.9	0.0	
4	0.0	0.5	21.2	242.0	133.9	269.6	4632.6	2271.0	104.9	24.9	37.1	0.0	
5	0.0	0.6	11.2	157.1	133.9	524.0	3049.1	1301.5	157.1	21.2	32.9	0.0	
6	0.0	0.6	9.9	181.4	165.1	1760.6	2853.6	1035.9	119.1	21.2	32.9	0.0	
7	0.0	0.6	7.4	157.1	215.4	2222.3	2394.2	770.8	81.8	17.7	28.8	0.0	
8	0.0	0.6	6.2	111.9	280.0	3642.9	4959.2	671.4	81.8	17.7	24.9	0.0	
9	0.0	0.7	24.9	87.4	290.5	3250.3	7010.5	630.1	76.3	17.7	21.2	0.0	
10	0.0	2.2	173.2	65.7	413.5	3279.4	6632.3	671.4	60.6	14.3	14.3	0.0	
11	0.0	4.1	104.9	50.7	770.8	4529.6	13342.5	671.4	55.6	14.3	11.2	0.0	
12	0.0	3.1	65.7	55.6	1035.9	4736.2	12891.8	589.6	55.6	14.3	9.9	0.0	
13	0.0	14.3	41.5	50.7	1211.3	2827.4	6925.9	473.7	70.9	14.3	9.9	0.0	
14	0.0	87.4	24.9	37.1	1018.7	2271.0	3674.5	449.3	87.4	11.2	8.6	0.0	
15	0.0	198.2	17.7	32.9	524.0	2992.3	2344.7	461.5	70.9	11.2	7.4	0.0	
16	0.0	390.2	32.9	37.1	311.8	5895.6	3994.5	378.7	65.7	9.9	6.2	0.0	
17	0.0	671.4	41.5	28.8	224.1	6968.1	11358.1	344.8	60.6	9.9	6.2	0.0	
18	0.0	685.3	24.9	32.9	290.5	8151.8	8697.2	378.7	55.6	11.2	5.1	0.0	
19	0.0	461.5	14.3	46.0	215.4	6925.9	3801.5	290.5	55.6	17.7	5.1	0.0	
20	0.1	378.7	17.7	55.6	149.3	5976.2	2246.5	280.0	50.7	17.7	3.1	0.0	
21	0.3	322.7	11.2	60.6	141.5	3337.7	1675.5	224.1	41.5	17.7	2.2	0.0	
22	0.6	215.4	8.6	60.6	141.5	2007.3	1782.1	251.1	41.5	14.3	2.2	0.0	
23	0.3	126.5	7.4	55.6	126.5	1760.6	1633.4	301.1	41.5	9.9	1.5	0.0	
24	0.3	81.8	5.1	50.7	126.5	1633.4	1782.1	251.1	41.5	9.9	1.5	0.0	
25	0.4	55.6	3.1	50.7	119.1	1158.3	1430.8	215.4	37.1	11.2	2.2	0.0	
26	0.6	98.9	4.1	60.6	133.9	818.6	1123.3	173.2	37.1	11.2	0.8	0.0	
27	4.1	70.9	5.1	98.9	157.1	933.7	967.4	141.5	32.9	11.2	0.5	0.0	
28	4.1	50.7	7.4	93.1	173.2	5775.5	1265.2	111.9	32.9	9.9	0.0	0.0	
29	2.2	37.1	6.2	70.9	173.2	12891.8	1247.1	98.9	37.1	14.3	0.0	0.0	
30	0.6	37.1	11.2	65.7	149.3	27334.6	1338.1	119.1	37.1	17.7		0.0	
31		28.8		65.7	133.9		3077.6		32.9	17.7		0.0	
TOTAL	13.52	4026.93	844.36	2377.13	9298.78	125156.85	194942.92	21421.53	2080.43	498.07	358.86	0.00	361019.37 TON/DAY

MEAN	0	130	28	77	300	4172	6288	714	67	16	12	0	986.4 TON/DAY
MAX	4	685	173	242	1211	27335	31245	2992	157	29	37	0	31244.9 TON/DAY
MIN	0	0	3	29	93	119	967	99	33	10	0	0	0.0 TON/DAY

Stop - Program terminated.