

WATER YEAR 2022

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 t,
higway guidepos Ban Don Rabiang Amphoe Si Satchanalai Sukhothai

Drainage Area 12,141 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 2022
Number of observation 21
R - Square 0.964
Remarks Continued Sediment Station

QS = 1.2125QW^{1.3979}

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	19.1	57.5	229.8	43.0	402.8	1447.3	10071.0	386.8	144.7	28.4	8.5	0.0	
2	17.8	45.6	191.2	33.1	528.6	3232.4	19033.3	394.8	154.7	26.2	5.5	0.0	
3	14.0	60.9	164.9	28.4	576.7	4614.4	17991.7	326.7	164.9	26.2	3.5	0.0	
4	82.1	78.4	164.9	243.1	731.2	2486.9	17940.1	341.3	144.7	26.2	2.1	0.0	
5	105.0	64.3	170.1	971.9	866.2	1648.3	17176.2	319.4	130.1	26.2	1.5	0.0	
6	82.1	117.1	196.6	386.8	1173.5	1201.2	11528.2	249.8	109.0	24.7	0.6	0.0	
7	60.9	243.1	180.6	305.1	1064.7	1011.4	8036.9	249.8	93.3	23.3	0.2	0.0	
8	48.3	196.6	139.8	394.8	1105.1	1462.2	6650.0	270.2	89.6	21.9	0.0	0.0	
9	38.0	170.1	113.0	291.0	1761.3	2253.1	4507.7	207.5	85.8	20.5	0.0	0.0	
10	35.5	149.7	97.2	363.5	4042.3	7099.1	3232.4	224.2	97.2	19.1	0.0	0.0	
11	35.5	130.1	78.4	936.3	7164.5	9688.2	4118.7	213.1	85.8	17.8	0.0	0.0	
12	33.1	164.9	60.9	678.5	6371.2	13647.2	3232.4	185.9	71.2	26.2	0.0	0.0	
13	26.2	170.1	60.9	566.8	5133.5	13602.6	2666.5	218.6	64.3	19.1	0.0	0.0	
14	26.2	121.2	60.9	720.5	6618.7	10967.2	2467.2	196.6	57.5	17.8	0.0	0.0	
15	26.2	125.3	57.5	820.3	6340.5	6968.9	2788.2	170.1	57.5	17.8	0.0	0.0	
16	23.3	149.7	54.2	1777.6	5303.7	6248.6	2124.5	207.5	54.2	16.5	0.0	0.0	
17	19.1	236.4	105.0	2408.2	6371.2	4350.5	1728.8	159.8	57.5	16.5	0.0	0.0	
18	15.3	341.3	164.9	2124.5	6340.5	3101.6	1373.3	213.1	54.2	14.0	0.0	0.0	
19	14.0	948.1	105.0	1257.4	4298.7	2427.8	1064.7	263.3	48.3	16.5	0.0	0.0	
20	15.3	3166.8	85.8	775.2	2727.2	2178.5	985.0	319.4	48.3	15.3	0.0	0.0	
21	16.5	2870.2	82.1	1664.3	1894.5	2330.3	720.5	305.1	45.6	12.8	0.0	0.0	
22	85.8	2369.2	101.1	3431.5	1843.3	3276.4	668.2	263.3	45.6	12.8	0.0	0.0	
23	218.6	1243.1	93.3	3719.6	4507.7	3573.8	647.5	218.6	48.3	12.8	0.0	0.0	
24	170.1	1187.3	93.3	3431.5	9994.1	3916.1	576.7	218.6	43.0	12.8	0.0	0.4	
25	117.1	1664.3	121.2	4350.5	13094.3	5389.3	576.7	185.9	40.5	12.8	0.0	0.1	
26	82.1	1522.3	78.4	3364.8	7663.0	7934.5	678.5	191.2	35.5	20.5	0.0	0.0	
27	60.9	901.1	57.5	1964.4	5246.9	10186.7	566.8	191.2	33.1	12.1	0.0	0.0	
28	60.9	566.8	54.2	1118.7	4802.7	9879.1	477.1	170.1	33.1	11.3	0.0	0.0	
29	57.5	477.1	57.5	668.2	3058.4	6587.7	494.1	159.8	33.1	10.6		0.0	
30	54.2	394.8	64.3	502.6	2427.8	4993.1	443.6	130.1	30.7	10.6		0.0	
31		291.0		378.9	1648.3		427.2		28.4	10.6		0.0	
TOTAL	1660.4	20224.5	3284.8	39721.2	125103.1	157704.4	144994.0	7151.9	2229.8	559.9	22.0	0.6	502656.6 TON/DAY
MEAN	55	652	109	1281	4036	5257	4677	238	72	18	1	0	1377.1 TON/DAY
MAX	219	3167	230	4351	13094	13647	19033	395	165	28	8	0	19033.3 TON/DAY
MIN	14	46	54	28	403	1011	427	130	28	11	0	0	0.0 TON/DAY

Stop - Program terminated.