

**WATER YEAR 2019**

**YOM RIVER BASIN**

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

**Location** Lat.17° - 35' - 42"N., Long.99° - 43' - 08"E., on left bank about 50 metees from Si Satchanalai - Dan Chai t,  
higway guidepos Ban Don Rabiang Amphoe Si Satchanalai Sukhothai

**Drainage Area** 12,131 sq.km.  
**Method of Sampling** Depth Integrating  
**Instrument Used** US.DH - 48  
**Period of Available Records** 1978 Cont'd  
**Actual Measurement** 1978 Cont'd  
**Using Rating Curve Water Year** 1978-2019  
**Number of observation** 652  
**R - Square** 0.8979  
**Remarks** Continued Sediment Station

QS =0.9454QW<sup>1.5393</sup>

**WATER YEAR - 2019**

**SUSPENDED SEDIMENT, IN TONS PER DAY, WATER YEAR APRIL 1, 2019 TO MARCH 31, 2020**

DATE	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	ANNUAL
1	0.0	0.0	4.5	4.5	16.9	18256.9	377.9	173.0	88.6	22.1	15.9	5.7	18965.9
2	0.0	0.5	9.2	4.5	15.9	27915.4	369.0	173.0	86.1	22.1	15.9	5.7	28617.3
3	0.0	0.6	47.9	4.5	14.9	32525.4	360.2	164.1	83.7	21.0	15.9	5.3	33243.4
4	0.0	0.5	38.2	18.9	2996.3	33588.7	336.0	159.7	81.2	18.9	16.9	4.5	37259.7
5	0.0	0.7	5.7	36.3	1696.7	21273.3	460.9	151.0	67.1	16.9	16.9	4.5	23729.9
6	0.0	0.4	5.7	34.5	599.0	9848.8	552.3	151.0	71.7	15.9	15.9	4.1	11299.3
7	0.0	0.2	5.3	32.7	2889.1	5946.1	460.9	151.0	69.4	24.3	15.9	3.8	9598.6
8	0.0	0.2	5.3	31.5	8717.7	3905.8	395.8	146.7	69.4	58.3	15.9	3.4	13349.9
9	0.0	0.2	5.3	31.5	4509.0	2836.0	377.9	151.0	69.4	43.9	15.9	3.1	8043.0
10	0.0	0.2	5.3	29.0	1423.8	2388.7	351.5	146.7	64.9	47.9	15.9	2.6	4476.3
11	0.0	0.2	5.3	23.2	684.0	2155.1	336.0	146.7	56.1	41.9	14.9	2.4	3465.9
12	0.0	0.2	4.5	23.2	838.7	1558.1	302.4	168.5	45.9	36.3	14.9	2.1	2994.9
13	0.0	0.2	4.1	22.1	3242.4	1246.5	282.9	173.0	36.3	26.6	14.9	2.0	5051.1
14	0.0	0.2	4.1	21.0	3187.2	1095.7	282.9	164.1	36.3	22.1	14.0	1.9	4829.4
15	0.0	0.2	4.9	21.0	2270.9	1046.9	322.4	155.3	34.5	18.9	13.0	1.7	3889.8
16	0.0	0.2	3.1	18.9	1842.5	865.5	315.7	146.7	40.0	27.8	12.1	1.6	3274.1
17	0.0	0.2	2.6	18.9	1280.9	920.0	289.4	138.3	49.9	38.2	11.3	1.4	2751.0
18	0.0	0.2	5.3	16.9	4124.5	892.6	282.9	134.1	47.9	34.5	10.2	1.3	5550.3
19	0.0	0.2	5.3	15.9	17829.2	659.3	276.5	130.0	43.9	36.3	9.7	1.2	19007.5
20	0.0	0.2	4.9	15.9	18616.1	721.6	263.8	123.1	40.0	38.2	9.2	1.1	19834.2
21	0.0	0.3	4.5	15.9	6058.7	1820.8	257.6	117.6	49.9	40.0	8.8	1.0	8374.9
22	0.0	0.3	4.9	14.9	3023.3	3495.3	245.2	117.6	43.9	40.0	8.3	0.9	6994.6
23	0.0	4.5	4.5	14.9	5908.7	2317.7	227.1	114.8	36.3	40.0	7.8	0.8	8677.2
24	0.0	10.7	4.5	13.0	10767.3	1636.8	215.3	114.8	34.5	38.2	6.9	0.7	12842.8
25	0.0	6.5	4.1	11.3	8621.6	1368.4	210.4	109.4	31.5	34.5	6.9	0.6	10405.2
26	0.0	2.4	4.9	9.7	10819.1	933.8	221.2	104.1	27.8	29.0	6.5	0.5	12159.1
27	0.0	2.6	4.5	9.2	11566.1	647.1	309.0	101.4	31.5	24.3	6.5	0.4	12702.7
28	0.0	2.4	4.1	11.3	7234.6	499.6	257.6	98.8	31.5	19.9	6.5	0.3	8166.7
29	0.0	8.8	4.5	14.9	7498.4	451.4	221.2	93.7	26.6	17.9	6.1	0.3	8343.7
30	0.0	17.9	5.3	14.9	7278.1	404.9	196.1	91.1	23.2	17.9		0.2	8049.6
31		4.1		14.9	8288.4		182.1		21.0	16.9		0.2	8527.6
TOTAL	0	66	222	570	163860	183223	9540	4110	1540	931	349	65	364475.74 TON/DAY
MEAN	0	2	7	18	5286	6107	308	137	50	30	12	2	995.8 TON/DAY
MAX	0	18	48	36	18616	33589	552	173	89	58	17	6	33588.7 TON/DAY
MIN	0	0	3	4	15	405	182	91	21	16	6	0	0.0 TON/DAY

Stop - Program terminated.