

WATER YEAR 2022

YOM RIVER BASIN

Yom River at Kong Krailat, Sukhothai (Y.15)

Location Lat.16° - 55' - 47"N., Long.99° - 57' - 41"E., on left bank about 50 metees from kongkrailat - sukhothai t,
higway guidepos Ban Kong Amphoe Kongkrailat Sukhothai

Drainage Area 19,936 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 14
R - Square 0.8471
Remarks Continued Sediment Station

QS = 0.9076QW^{1.4983}

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 | 24.0 | 519.3 | 2852.2 | 3241.9 | 2028.4 | 456.1 | 0.0 | 0.0 | 0.0 | |
| 2 | 0.0 | 0.0 | 0.0 | 15.3 | 501.0 | 2840.0 | 3268.0 | 1947.0 | 423.1 | 0.0 | 0.0 | 0.0 | |
| 3 | 0.0 | 0.0 | 0.0 | 9.0 | 383.4 | 2792.3 | 3268.0 | 1851.9 | 313.0 | 0.0 | 0.0 | 0.0 | |
| 4 | 0.0 | 0.0 | 0.0 | 60.5 | 338.2 | 2746.0 | 3372.9 | 1767.6 | 320.2 | 0.0 | 0.0 | 0.0 | |
| 5 | 0.0 | 0.0 | 0.0 | 152.1 | 331.1 | 2711.5 | 3519.0 | 1686.0 | 589.9 | 0.0 | 0.0 | 0.0 | |
| 6 | 0.0 | 0.0 | 0.0 | 107.6 | 345.7 | 2688.5 | 3613.0 | 1605.9 | 693.6 | 0.0 | 0.0 | 0.0 | |
| 7 | 0.0 | 0.0 | 0.0 | 100.9 | 419.1 | 2665.7 | 3680.7 | 1509.7 | 688.6 | 0.0 | 0.0 | 0.0 | |
| 8 | 0.0 | 0.0 | 0.0 | 202.2 | 575.5 | 2631.5 | 3735.1 | 1399.4 | 112.2 | 0.0 | 0.0 | 0.0 | |
| 9 | 0.0 | 0.0 | 0.0 | 69.8 | 658.4 | 2586.1 | 3762.5 | 1286.2 | 27.0 | 0.0 | 0.0 | 0.0 | |
| 10 | 0.0 | 0.0 | 0.0 | 21.4 | 739.8 | 2552.3 | 3762.5 | 1158.7 | 34.5 | 0.0 | 0.0 | 0.0 | |
| 11 | 0.0 | 0.0 | 0.0 | 14.2 | 871.3 | 2518.6 | 3721.5 | 1016.9 | 27.0 | 0.0 | 0.0 | 0.0 | |
| 12 | 0.0 | 0.0 | 0.2 | 11.0 | 1097.2 | 2574.8 | 3680.7 | 846.8 | 30.7 | 0.0 | 0.0 | 0.0 | |
| 13 | 0.0 | 0.0 | 0.0 | 18.9 | 1256.5 | 2677.1 | 3626.5 | 683.5 | 18.6 | 0.0 | 0.0 | 0.0 | |
| 14 | 0.0 | 0.0 | 0.0 | 171.0 | 1338.6 | 2769.1 | 3572.6 | 533.2 | 10.4 | 0.0 | 0.0 | 0.0 | |
| 15 | 0.0 | 0.0 | 0.0 | 208.1 | 1483.8 | 2876.8 | 3545.8 | 465.0 | 6.0 | 0.0 | 0.0 | 0.0 | |
| 16 | 0.0 | 0.0 | 0.0 | 123.8 | 1614.7 | 2963.4 | 3532.4 | 403.1 | 4.6 | 0.0 | 0.0 | 0.0 | |
| 17 | 0.0 | 0.0 | 0.0 | 219.9 | 1722.1 | 3025.8 | 3478.9 | 313.0 | 3.7 | 0.0 | 0.0 | 0.0 | |
| 18 | 0.0 | 0.0 | 0.0 | 491.9 | 1851.9 | 3050.9 | 3412.5 | 263.2 | 2.6 | 0.0 | 0.0 | 0.0 | |
| 19 | 0.0 | 0.0 | 0.0 | 580.3 | 1967.2 | 3088.6 | 3346.6 | 338.2 | 1.9 | 0.0 | 0.0 | 0.0 | |
| 20 | 0.0 | 0.0 | 0.0 | 643.5 | 2079.9 | 3113.8 | 3254.9 | 276.0 | 1.7 | 0.0 | 0.0 | 0.0 | |
| 21 | 0.0 | 0.0 | 0.0 | 643.5 | 2173.6 | 3101.2 | 3113.8 | 250.6 | 1.5 | 0.0 | 0.0 | 0.0 | |
| 22 | 0.0 | 262.3 | 0.0 | 614.1 | 2205.2 | 3088.6 | 3013.3 | 272.8 | 1.1 | 0.0 | 0.0 | 0.0 | |
| 23 | 0.0 | 591.0 | 0.0 | 663.4 | 2226.3 | 3063.4 | 2901.5 | 226.0 | 0.5 | 0.0 | 0.0 | 0.0 | |
| 24 | 0.0 | 322.6 | 0.0 | 828.7 | 2343.6 | 3088.6 | 2780.7 | 126.3 | 0.2 | 0.0 | 0.0 | 0.0 | |
| 25 | 0.0 | 752.4 | 0.0 | 971.3 | 2376.0 | 3139.1 | 2654.2 | 69.8 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 26 | 0.0 | 608.7 | 0.0 | 1131.2 | 2473.9 | 3177.2 | 2541.0 | 253.7 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 27 | 0.0 | 239.4 | 0.0 | 1214.3 | 2620.1 | 3190.0 | 2441.1 | 473.9 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 28 | 0.0 | 91.6 | 0.0 | 1235.3 | 2734.5 | 3190.0 | 2365.2 | 439.5 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 29 | 0.0 | 13.0 | 0.0 | 1179.4 | 2840.0 | 3202.9 | 2258.1 | 399.2 | 0.0 | 0.0 | | 0.0 | |
| 30 | 0.0 | 0.0 | 0.0 | 1050.1 | 2827.7 | 3228.9 | 2173.6 | 371.7 | 0.0 | 0.0 | | 0.0 | |
| 31 | | 0.0 | | 840.8 | 2840.0 | | 2111.0 | | 0.0 | 0.0 | | 0.0 | |
| TOTAL | 0.0 | 2881.0 | 0.2 | 13617.5 | 47755.4 | 87194.6 | 98749.5 | 24263.1 | 3768.6 | 0.0 | 0.0 | 0.0 | 278229.98 TON/DAY |
| MEAN | 0 | 93 | 0 | 439 | 1540 | 2906 | 3185 | 809 | 122 | 0 | 0 | 0 | 762.3 TON/DAY |
| MAX | 0 | 752 | 0 | 1235 | 2840 | 3229 | 3762 | 2028 | 694 | 0 | 0 | 0 | 3762.5 TON/DAY |
| MIN | 0 | 0 | 0 | 9 | 331 | 2519 | 2111 | 70 | 0 | 0 | 0 | 0 | 0.0 TON/DAY |

Stop - Program terminated.