

WATER YEAR 2022

NAN RIVER BASIN

Lam Nam Khan at Ban Na Chan, Phitsanulok(N.59)

Locationong.100° - 50' - 44" E., on left bank at Ban Na Chan

Amphoe Nakhon Thai, Phitsanulok.

Drainage Area 415sq.km.
Method of Sampling Depth Integrating
Instrument Used US.HD - 48
Period of Available Records 2001-Cont'd
Actual Measurement 2001-Cont'd
ing Rating Curve Water Year 2022
Number of observation 17
R - Square 0.8960
Remarks Continued Sediment Station

QS =6.6664 QW^{1.4720}

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 | 11.40 | 6.57 | 13.93 | 4.89 | 287.20 | 1040.18 | 1077.56 | 23.74 | 14.68 | 4.89 | 2.26 | 0.67 | |
| 2 | 7.47 | 13.56 | 13.93 | 5.43 | 233.53 | 739.17 | 586.64 | 22.86 | 13.93 | 4.89 | 2.47 | 0.67 | |
| 3 | 5.71 | 10.37 | 13.93 | 4.62 | 130.43 | 289.50 | 669.22 | 21.56 | 13.56 | 4.62 | 2.69 | 0.67 | |
| 4 | 4.62 | 6.57 | 13.93 | 3.86 | 125.87 | 287.20 | 485.73 | 20.71 | 13.56 | 4.62 | 2.91 | 0.67 | |
| 5 | 4.11 | 4.89 | 13.93 | 8.72 | 273.53 | 278.06 | 273.53 | 19.45 | 13.19 | 4.62 | 3.14 | 0.67 | |
| 6 | 3.86 | 4.89 | 13.93 | 7.47 | 134.01 | 1431.18 | 220.75 | 18.22 | 12.47 | 4.36 | 3.62 | 0.67 | |
| 7 | 3.62 | 4.11 | 13.93 | 8.40 | 92.72 | 1153.57 | 179.03 | 17.82 | 11.75 | 4.36 | 3.86 | 0.67 | |
| 8 | 3.14 | 3.62 | 13.56 | 6.28 | 2043.11 | 215.35 | 202.91 | 17.02 | 11.05 | 4.36 | 4.11 | 0.82 | |
| 9 | 2.69 | 11.75 | 13.56 | 177.62 | 1662.95 | 231.69 | 180.44 | 16.62 | 10.37 | 4.11 | 4.11 | 0.82 | |
| 10 | 2.26 | 14.68 | 13.56 | 385.73 | 1870.80 | 187.55 | 155.86 | 15.84 | 10.03 | 4.11 | 3.86 | 0.82 | |
| 11 | 1.86 | 16.23 | 12.83 | 1029.30 | 1312.07 | 129.41 | 119.14 | 14.68 | 9.37 | 3.86 | 3.62 | 0.82 | |
| 12 | 1.48 | 17.82 | 12.47 | 2392.27 | 485.73 | 353.03 | 97.56 | 13.93 | 8.72 | 3.86 | 3.14 | 0.82 | |
| 13 | 1.48 | 13.93 | 12.11 | 1927.90 | 407.19 | 453.48 | 88.20 | 14.31 | 7.47 | 3.62 | 2.69 | 0.82 | |
| 14 | 1.13 | 9.70 | 10.71 | 660.63 | 553.95 | 377.11 | 81.98 | 13.93 | 7.16 | 3.62 | 2.26 | 0.82 | |
| 15 | 0.82 | 6.28 | 9.70 | 388.62 | 964.78 | 169.25 | 73.36 | 13.56 | 7.16 | 3.38 | 1.86 | 0.82 | |
| 16 | 0.82 | 5.16 | 8.72 | 252.17 | 1522.66 | 56.87 | 77.63 | 13.56 | 6.57 | 3.38 | 1.67 | 0.67 | |
| 17 | 0.67 | 10.71 | 7.47 | 379.98 | 2166.09 | 38.82 | 65.86 | 13.56 | 6.28 | 3.14 | 1.48 | 0.67 | |
| 18 | 2.26 | 10.03 | 6.86 | 115.93 | 1870.80 | 90.90 | 58.24 | 13.93 | 5.99 | 3.14 | 1.30 | 0.67 | |
| 19 | 1.67 | 9.70 | 6.28 | 79.36 | 606.54 | 385.73 | 52.82 | 22.86 | 5.71 | 2.91 | 1.13 | 0.67 | |
| 20 | 5.43 | 9.70 | 5.43 | 1446.02 | 332.21 | 222.56 | 48.31 | 17.02 | 5.71 | 2.91 | 0.97 | 0.67 | |
| 21 | 50.17 | 8.72 | 4.89 | 1040.18 | 4198.35 | 134.01 | 47.57 | 13.56 | 5.71 | 2.69 | 0.82 | 0.53 | |
| 22 | 117.90 | 8.08 | 4.62 | 923.47 | 3427.09 | 116.92 | 42.50 | 12.47 | 5.71 | 2.69 | 0.82 | 0.53 | |
| 23 | 117.90 | 7.77 | 4.62 | 1052.60 | 730.30 | 259.76 | 40.56 | 11.40 | 5.43 | 2.47 | 0.82 | 0.53 | |
| 24 | 19.45 | 7.47 | 4.36 | 403.53 | 721.47 | 119.14 | 37.62 | 12.11 | 5.43 | 2.47 | 0.67 | 0.53 | |
| 25 | 12.47 | 7.16 | 6.86 | 332.21 | 229.85 | 347.79 | 35.25 | 27.36 | 5.43 | 2.26 | 0.67 | 0.41 | |
| 26 | 7.77 | 6.86 | 4.89 | 106.98 | 291.80 | 1102.71 | 32.93 | 25.23 | 5.43 | 2.26 | 0.67 | 0.41 | |
| 27 | 5.71 | 6.86 | 5.71 | 220.75 | 424.92 | 547.48 | 31.79 | 106.02 | 5.16 | 2.06 | 0.67 | 0.41 | |
| 28 | 4.89 | 6.57 | 6.28 | 324.33 | 299.08 | 342.22 | 31.15 | 101.76 | 5.16 | 2.06 | 0.67 | 0.29 | |
| 29 | 4.36 | 6.57 | 4.62 | 65.86 | 237.22 | 495.08 | 28.92 | 24.19 | 5.16 | 2.06 | | 0.29 | |
| 30 | 6.86 | 6.86 | 3.86 | 111.31 | 201.15 | 573.49 | 26.75 | 16.23 | 5.16 | 2.06 | | 0.29 | |
| 31 | | 6.86 | | 296.76 | 229.85 | | 25.23 | | 5.16 | 2.06 | | 0.29 | |
| TOTAL | 414.0 | 270.1 | 281.5 | 14163.2 | 28067.3 | 12169.2 | 5175.0 | 695.5 | 253.7 | 103.9 | 59.0 | 19.1 | 61671.5 TON/DAY |
| MEAN | 13.8 | 8.7 | 9.4 | 456.9 | 905.4 | 405.6 | 166.9 | 23.2 | 8.2 | 3.4 | 2.1 | 0.6 | 167.0 TON/DAY |
| MAX | 117.9 | 17.8 | 13.9 | 2392.3 | 4198.3 | 1431.2 | 1077.6 | 106.0 | 14.7 | 4.9 | 4.1 | 0.8 | 4198.3 TON/DAY |
| MIN | 0.7 | 3.6 | 3.9 | 3.9 | 92.7 | 38.8 | 25.2 | 11.4 | 5.2 | 2.1 | 0.7 | 0.3 | 0.3 TON/DAY |

Stop - Program terminated.