

WATER YEAR 2023

NAN RIVER BASIN

NAN at Nai Mueang, Uttaradit ( N.2B )

**Location** Lat.17°- 36' - 30"N., Long.100°- 06' - 08" E., on left bank about 1 Kilometers  
downstream from district Forestry office, Amphoe Mueang, Uttaradit

**Drainage Area** 16,744.27 sq.km.

**Method of Sampling** Depth Integrating

**Instrument Used** US.DH - 48

**Period of Available Records** 2014 - Cont'd

**Actual Measurement** 2014 - Cont'd

**Using Rating Curve Water Year** 2023

**Number of observation** 27

**R - Square** 0.7690

**Remarks** Continued Sediment Station

QS =3.6822 QW<sup>1.0412</sup>

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     | 863.122  | 817.162  | 784.382  | 849.994  | 699.394  | 566.865  | 1308.753 | 453.543  | 751.656  | 790.924  | 725.506  | 1140.920 | 9752.222          |
| 2     | 946.063  | 882.876  | 790.924  | 882.876  | 718.987  | 539.797  | 692.884  | 370.560  | 679.870  | 771.304  | 725.506  | 1052.973 | 9054.621          |
| 3     | 869.737  | 915.807  | 810.611  | 843.433  | 666.820  | 539.797  | 475.085  | 361.638  | 621.152  | 771.304  | 732.029  | 1220.309 | 8827.721          |
| 4     | 923.392  | 938.519  | 843.433  | 902.648  | 666.820  | 545.216  | 432.088  | 357.180  | 712.469  | 718.987  | 751.656  | 863.122  | 8655.529          |
| 5     | 882.876  | 876.306  | 882.876  | 938.519  | 679.870  | 556.059  | 410.675  | 343.819  | 705.954  | 738.600  | 705.954  | 1052.973 | 8774.483          |
| 6     | 923.392  | 849.994  | 889.449  | 876.306  | 699.394  | 577.725  | 410.675  | 330.479  | 712.469  | 751.656  | 738.600  | 968.804  | 8728.944          |
| 7     | 909.227  | 991.566  | 869.737  | 764.721  | 679.870  | 836.874  | 534.380  | 330.479  | 666.820  | 764.721  | 699.394  | 836.874  | 8884.663          |
| 8     | 882.876  | 784.382  | 902.648  | 738.600  | 615.706  | 1096.888 | 915.807  | 326.037  | 699.394  | 777.842  | 777.842  | 909.227  | 9427.249          |
| 9     | 1017.845 | 902.648  | 953.657  | 784.382  | 653.826  | 836.874  | 1459.610 | 410.675  | 938.519  | 758.187  | 771.304  | 836.874  | 10324.403         |
| 10    | 836.874  | 915.807  | 896.024  | 751.656  | 686.376  | 588.547  | 2083.773 | 432.088  | 915.807  | 705.954  | 615.706  | 849.994  | 10278.606         |
| 11    | 976.405  | 915.807  | 1009.082 | 751.656  | 718.987  | 758.187  | 1970.088 | 432.088  | 902.648  | 745.127  | 758.187  | 938.519  | 10876.784         |
| 12    | 869.737  | 923.392  | 712.469  | 718.987  | 679.870  | 817.162  | 642.912  | 437.460  | 1176.156 | 732.029  | 692.884  | 876.306  | 9279.362          |
| 13    | 869.737  | 882.876  | 699.394  | 790.924  | 660.321  | 577.725  | 512.782  | 432.088  | 1026.610 | 738.600  | 686.376  | 896.024  | 8773.459          |
| 14    | 823.715  | 923.392  | 810.611  | 758.187  | 648.368  | 566.865  | 577.725  | 512.782  | 1000.323 | 758.187  | 771.304  | 909.227  | 9060.686          |
| 15    | 938.519  | 909.227  | 745.127  | 790.924  | 621.152  | 518.190  | 556.059  | 485.824  | 1105.679 | 705.954  | 725.506  | 1000.323 | 9102.486          |
| 16    | 869.737  | 830.270  | 863.122  | 810.611  | 666.820  | 529.012  | 529.012  | 485.824  | 1000.323 | 692.884  | 745.127  | 1000.323 | 9023.064          |
| 17    | 896.024  | 784.382  | 882.876  | 771.304  | 621.152  | 653.826  | 610.308  | 469.696  | 1035.379 | 653.826  | 718.987  | 817.162  | 8914.922          |
| 18    | 863.122  | 836.874  | 784.382  | 771.304  | 626.601  | 909.227  | 469.696  | 458.925  | 953.657  | 738.600  | 712.469  | 856.557  | 8981.415          |
| 19    | 882.876  | 777.842  | 863.122  | 745.127  | 686.376  | 1044.198 | 437.460  | 475.085  | 642.912  | 725.506  | 771.304  | 738.600  | 8790.409          |
| 20    | 882.876  | 764.721  | 777.842  | 836.874  | 705.954  | 1017.845 | 416.036  | 432.088  | 577.725  | 686.376  | 1149.725 | 718.987  | 8967.049          |
| 21    | 856.557  | 797.469  | 784.382  | 764.721  | 615.706  | 692.884  | 389.306  | 469.696  | 653.826  | 738.600  | 1450.721 | 637.504  | 8851.372          |
| 22    | 896.024  | 758.187  | 764.721  | 790.924  | 604.864  | 556.059  | 366.098  | 469.696  | 632.052  | 758.187  | 1495.236 | 673.367  | 8765.417          |
| 23    | 863.122  | 790.924  | 777.842  | 856.557  | 621.152  | 507.377  | 437.460  | 480.430  | 830.270  | 738.600  | 1441.835 | 648.368  | 8993.937          |
| 24    | 889.449  | 745.127  | 797.469  | 843.433  | 648.368  | 469.696  | 523.600  | 615.706  | 738.600  | 738.600  | 1335.318 | 529.012  | 8874.379          |
| 25    | 882.876  | 810.611  | 777.842  | 758.187  | 632.052  | 426.719  | 475.085  | 632.052  | 712.469  | 751.656  | 1370.771 | 588.547  | 8818.869          |
| 26    | 869.737  | 797.469  | 758.187  | 738.600  | 637.504  | 432.088  | 475.085  | 583.158  | 869.737  | 705.954  | 1052.973 | 572.294  | 8492.786          |
| 27    | 876.306  | 810.611  | 771.304  | 751.656  | 637.504  | 496.619  | 448.210  | 599.423  | 732.029  | 699.394  | 1211.483 | 534.380  | 8568.920          |
| 28    | 889.449  | 902.648  | 758.187  | 718.987  | 637.504  | 599.423  | 453.543  | 686.376  | 836.874  | 718.987  | 1000.323 | 588.547  | 8790.849          |
| 29    | 915.807  | 666.820  | 745.127  | 718.987  | 653.826  | 712.469  | 496.619  | 725.506  | 692.884  | 823.715  | 1044.179 | 583.158  | 8779.097          |
| 30    | 889.449  | 764.721  | 810.611  | 758.187  | 626.601  | 946.063  | 426.719  | 725.506  | 758.187  | 692.884  |          | 610.308  | 8009.238          |
| 31    |          | 790.924  |          | 745.127  | 599.423  |          | 518.190  |          | 771.304  | 732.029  |          | 539.797  | 4696.794          |
| TOTAL | 26756.93 | 26059.36 | 24517.44 | 24524.40 | 20317.17 | 19916.28 | 20455.73 | 14325.91 | 25053.76 | 22825.17 | 26378.21 | 24989.38 | 276119.73 TON/DAY |
| MEAN  | 891.90   | 840.62   | 817.25   | 791.11   | 655.39   | 663.88   | 659.86   | 477.53   | 808.19   | 736.30   | 909.59   | 806.11   | 754.81 TON/DAY    |
| MAX   | 1017.84  | 991.57   | 1009.08  | 938.52   | 718.99   | 1096.89  | 2083.77  | 725.51   | 1176.16  | 823.71   | 1495.24  | 1220.31  | 2083.77 TON/DAY   |
| MIN   | 823.71   | 666.82   | 699.39   | 718.99   | 599.42   | 426.72   | 366.10   | 326.04   | 577.73   | 653.83   | 615.71   | 529.01   | 326.04 TON/DAY    |

Stop - Program terminated.