|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **All Stations** | **Missouri River at Randolph, MO** | **Missouri River at St. Joseph, MO** | **East Fork Black River near Lesterville, MO** | **E. Fk. Black R. bl Lower Taum Sauk Reservoir** | **Missouri River at Napoleon, MO** | **Missouri River near Council Bluffs, IA** | **Mississippi River at Keokuk, IA** | **Mississippi River at Cape Girardeau, MO** | **Mississippi River at Baton Rouge, LA** | **Missouri River at Hermann, MO** | **Mississippi River at Clinton, IA** | **Mississippi River at Dam 13 near Fulton, IL** |
| **Count** | 2453 | 327 | 311 | 288 | 288 | 279 | 159 | 135 | 135 | 133 | 124 | 121 | 92 |
| **Mean** | 33.59 | 57.30 | 43.94 | 4.15 | 4.95 | 36.67 | 28.83 | 14.79 | 14.79 | 44.09 | 85.01 | 25.47 | 4.62 |
| **Std Deviation** | 50.56 | 71.52 | 61.00 | 4.86 | 4.13 | 0.90 | 32.53 | 3.45 | 3.45 | 20.54 | 102.63 | 37.43 | 0.47 |
| **SDV/Mean** | 1.51 | 1.25 | 1.39 | 1.17 | 0.84 | 0.02 | 1.13 | 0.23 | 0.23 | 0.47 | 1.21 | 1.47 | 0.10 |
| **Min** | 0.0 | 7.5 | 5.1 | 0.0 | 0.4 | 28.9 | 5.6 | 4.6 | 4.6 | 12.6 | 3.6 | 3.2 | 1.6 |
| **25%** | 8 | 20.8 | 18.55 | 0.9 | 2.4 | 36.8 | 14.1 | 15.6 | 15.6 | 27.4 | 24.9 | 13.1 | 4.7 |
| **Median** | 20.4 | 34.5 | 24.9 | 2.1 | 3.4 | 36.8 | 18.6 | 15.6 | 15.6 | 41.1 | 38.8 | 14.4 | 4.7 |
| **75%** | 36.8 | 60.8 | 48.5 | 6.35 | 6.3 | 36.8 | 34.9 | 15.6 | 15.6 | 56.6 | 108 | 16.475 | 4.7 |
| **Max** | 617 | 617 | 518 | 27.4 | 28.3 | 36.8 | 304 | 26.6 | 26.6 | 98.5 | 604 | 167 | 4.7 |
| **Range** | 617 | 609.5 | 512.9 | 27.4 | 27.9 | 7.9 | 298.4 | 22 | 22 | 85.9 | 600.4 | 163.8 | 3.1 |

Table S1. Statistical description for the turbidity sampling for each monitoring station.