|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Response** | **Input** | **Sign** | **Slope** | **R2** | **F-stat** | **df** | **p-value** |
| Conductivity | Canopy | + | 0.410 | 0.168 | 1.617 | 2 | 0.239 |
| Flash Index | Canopy | - | 0.612 | 0.375 | 4.796 | 2 | 0.060 |
| Low Flow Pulse % | Canopy | + | 0.420 | 0.176 | 1.712 | 2 | 0.227 |
| NH4+ | Canopy | + | 0.643 | 0.414 | 5.649 | 2 | 0.045 \* |
| Rosgen Index | Conductivity | - | 0.074 | 0.006 | 0.044 | 2 | 0.838 |
| Conductivity | Flash Index | - | 0.174 | 0.030 | 0.251 | 2 | 0.630 |
| Low Flow Pulse % | Flash Index | - | 0.309 | 0.096 | 0.847 | 2 | 0.384 |
| NH4 | Flash Index | - | 0.373 | 0.139 | 1.291 | 2 | 0.289 |
| Rosgen Index | Flash Index | + | 0.007 | 0.000 | 0.000 | 2 | 0.984 |
| Conductivity | Low Flow Pulse % | + | 0.285 | 0.081 | 0.706 | 2 | 0.425 |
| NH4+ | Low Flow Pulse % | + | 0.595 | 0.354 | 4.383 | 2 | 0.070 |
| Rosgen Index | Low Flow Pulse % | + | 0.217 | 0.047 | 0.395 | 2 | 0.547 |
| Conductivity | NH4+ | + | 0.194 | 0.038 | 0.315 | 2 | 0.590 |
| Rosgen Index | NH4+ | + | 0.003 | 0.000 | 0.000 | 2 | 0.994 |
| Canopy | Precipitation | - | 0.483 | 0.233 | 2.429 | 2 | 0.158 |
| Conductivity | Precipitation | - | 0.785 | 0.616 | 12.817 | 2 | 0.007 \* |
| Flash Index | Precipitation | - | 0.025 | 0.001 | 0.005 | 2 | 0.945 |
| Low Flow Pulse % | Precipitation | - | 0.160 | 0.026 | 0.210 | 2 | 0.659 |
| NH4 | Precipitation | - | 0.480 | 0.230 | 2.395 | 2 | 0.160 |
| Rosgen Index | Precipitation | + | 0.073 | 0.005 | 0.042 | 2 | 0.842 |
| Canopy | Rosgen.Index | - | 0.301 | 0.091 | 0.798 | 2 | 0.398 |