

**Table 1. Trends in Selected Water Quality Indicators at Surface Water Stations (Adjusted for River Flow).**

This is an eleven-column table. Column 1 lists the station, Column 2 lists the river, Column 3 lists the county, and Columns 4 through 11 list the water quality indicators.

**Note:** Each row gives the results at a single location on a river, and does not necessarily represent the conditions along the entire river or in the entire county.

"Up" means the indicator is increasing, "Down" means it is decreasing, and a zero (0) means there is no significant trend. Insufficient data (ISD) means there are not enough data to determine a trend.

TKN = Total Kjeldahl Nitrogen, TP = Total Phosphorus, TOC = Total Organic Carbon, and DO = Dissolved Oxygen

| <i>Station</i> | <i>River</i>     | <i>County</i> | <i>Nitrate + Nitrite</i> | <i>TKN</i> | <i>TP</i> | <i>TOC</i> | <i>Chlorophyll a</i> | <i>Fecal Coliform</i> | <i>pH</i> | <i>DO</i> |
|----------------|------------------|---------------|--------------------------|------------|-----------|------------|----------------------|-----------------------|-----------|-----------|
| 3494           | Barron           | Collier       | Up                       | Up         | 0         | Up         | Up                   | 0                     | 0         | 0         |
| 3497           | Fisheating Creek | Glades        | 0                        | 0          | Down      | 0          | Up                   | 0                     | 0         | Up        |
| 3500           | St. Lucie        | Martin        | 0                        | Down       | Down      | 0          | Up                   | Down                  | Up        | Up        |
| 3509           | Anclothe         | Pasco         | Down                     | Down       | Down      | 0          | Down                 | Up                    | Down      | 0         |
| 3513           | Withlacoochee    | Citrus        | 0                        | Up         | 0         | Up         | 0                    | Down                  | Down      | Down      |
| 3515           | St. Johns        | Volusia       | 0                        | Down       | 0         | 0          | 0                    | 0                     | 0         | 0         |
| 3517           | Oklawaha         | Marion        | Up                       | Up         | 0         | Up         | 0                    | Up                    | 0         | 0         |
| 3522           | Suwannee         | Suwannee      | Up                       | 0          | 0         | 0          | Up                   | 0                     | 0         | Up        |
| 3524           | Apalachicola     | Gulf          | Up                       | 0          | Down      | 0          | Up                   | 0                     | 0         | Up        |
| 3527           | Ochlockonee      | Liberty       | 0                        | 0          | 0         | 0          | Up                   | 0                     | 0         | Up        |
| 3528           | St. Marks        | Wakulla       | Up                       | 0          | 0         | Down       | Down                 | 0                     | 0         | Up        |
| 3530           | Suwannee         | Madison       | Up                       | 0          | 0         | 0          | Up                   | 0                     | 0         | Up        |
| 3531           | Econfina Creek   | Bay           | Up                       | Up         | 0         | 0          | Down                 | 0                     | 0         | Up        |
| 3532           | Telogia Creek    | Liberty       | 0                        | 0          | Down      | 0          | Down                 | 0                     | Down      | Up        |
| 3534           | Choctawhatchee   | Washington    | Up                       | 0          | Down      | 0          | Up                   | 0                     | Down      | Up        |
| 3535           | Suwannee         | Hamilton      | 0                        | Up         | Up        | Up         | Up                   | Up                    | Up        | 0         |

**Table 1 (Continued)**

| <i>Station</i> | <i>River</i>      | <i>County</i> | <i>Nitrate + Nitrite</i> | <i>TKN</i> | <i>TP</i> | <i>TOC</i> | <i>Chlorophyll a</i> | <i>Fecal Coliform</i> | <i>pH</i> | <i>DO</i> |
|----------------|-------------------|---------------|--------------------------|------------|-----------|------------|----------------------|-----------------------|-----------|-----------|
| 3539           | Withlacoochee     | Madison       | Up                       | 0          | 0         | 0          | Up                   | 0                     | Up        | 0         |
| 3541           | Escambia          | Escambia      | Up                       | Up         | Up        | 0          | Up                   | 0                     | Down      | Up        |
| 3542           | Perdido           | Escambia      | Down                     | 0          | Down      | Up         | Down                 | 0                     | Down      | Up        |
| 3543           | Apalachicola      | Jackson       | Up                       | 0          | Down      | 0          | Up                   | 0                     | 0         | 0         |
| 3545           | Blackwater        | Okaloosa      | 0                        | 0          | Down      | 0          | Down                 | Up                    | 0         | Up        |
| 3548           | Choctawhatchee    | Escambia      | 0                        | 0          | 0         | 0          | 0                    | 0                     | Down      | 0         |
| 3549           | Escambia          | Hillsborough  | Up                       | Up         | Up        | 0          | Up                   | 0                     | Down      | Up        |
| 3554           | Alafia            | Hillsborough  | Down                     | Up         | Down      | Up         | Up                   | 0                     | 0         | 0         |
| 3555           | Little Manatee    | Hillsborough  | 0                        | Up         | Down      | Up         | 0                    | Up                    | Down      | 0         |
| 3556           | Peace             | DeSoto        | Down                     | 0          | 0         | Up         | Up                   | 0                     | Down      | 0         |
| 3557           | St. Johns         | Orange        | 0                        | Down       | 0         | 0          | 0                    | Down                  | 0         | 0         |
| 3560           | Withlacoochee     | Pasco         | 0                        | Down       | Down      | Down       | 0                    | 0                     | 0         | Up        |
| 3561           | Charlie Creek     | Hardee        | 0                        | Up         | 0         | Up         | 0                    | 0                     | 0         | 0         |
| 3563           | New               | Liberty       | 0                        | 0          | 0         | 0          | Up                   | 0                     | 0         | 0         |
| 3564           | Waccasassa        | Levy          | Up                       | Up         | 0         | Up         | 0                    | 0                     | 0         | Up        |
| 3565           | Eleven mile Creek | Escambia      | Down                     | Down       | Down      | Down       | 0                    | 0                     | Down      | Up        |
| 3566           | Weeki Wachee      | Hernando      | Up                       | Up         | Down      | Down       | Down                 | 0                     | Down      | Down      |
| 3568           | Caloosahatchee    | Lee           | Down                     | 0          | Down      | 0          | Up                   | 0                     | Up        | Up        |
| 3569           | Little Econ       | Orange        | 0                        | Down       | Down      | Down       | Up                   | 0                     | Up        | 0         |
| 21460          | Wright's Creek    | Holmes        | 0                        | 0          | 0         | 0          | Up                   | 0                     | 0         | 0         |

**Table 2. Trends in Selected Water Quality Indicators at Surface Water Stations (Not Adjusted for River Flow).**

This is an eleven-column table. Column 1 lists the station, Column 2 lists the river, Column 3 lists the county, and Columns 4 through 11 list the water quality indicators.

**Note:** Each row gives the results at a single location on a river, and does not necessarily represent the conditions along the entire river or in the entire county.

"Up" means the indicator is increasing, "Down" means it is decreasing, and a zero (0) means there is no significant trend. Insufficient data (ISD) means there are not enough data to determine a trend.

TKN = Total Kjeldahl Nitrogen, TP = Total Phosphorus, TOC = Total Organic Carbon, and DO = Dissolved Oxygen

| <i>Station</i> | <i>River</i>        | <i>County</i> | <i>Nitrate + Nitrite</i> | <i>TKN</i> | <i>TP</i> | <i>TOC</i> | <i>Chlorophyll a</i> | <i>Fecal Coliform</i> | <i>pH</i> | <i>DO</i> |
|----------------|---------------------|---------------|--------------------------|------------|-----------|------------|----------------------|-----------------------|-----------|-----------|
| 3495           | Golden Gate Canal   | Collier       | 0                        | 0          | Down      | Down       | Up                   | 0                     | Up        | Up        |
| 3499           | Myakka              | Sarasota      | 0                        | Up         | 0         | Up         | Up                   | 0                     | 0         | Up        |
| 3501           | Kissimmee           | Okeechobee    | 0                        | 0          | Down      | Down       | Up                   | Down                  | 0         | Up        |
| 3502           | Phillippe Creek     | Sarasota      | 0                        | Up         | 0         | 0          | Up                   | Up                    | Down      | 0         |
| 3504           | CDown25 Canal       | St. Lucie     | 0                        | 0          | 0         | 0          | Up                   | 0                     | 0         | 0         |
| 3505           | Manatee             | Manatee       | Up                       | Up         | Down      | Up         | Up                   | Up                    | 0         | 0         |
| 3506           | CDown38 Canal       | Osceola       | 0                        | Down       | Down      | Down       | Up                   | 0                     | Down      | Down      |
| 3507           | Hillsborough        | Hillsborough  | 0                        | 0          | Down      | 0          | Up                   | 0                     | Down      | 0         |
| 3508           | Indian River Lagoon | Brevard       | Up                       | Down       | Down      | Down       | Up                   | Down                  | Up        | Up        |
| 3516           | Tomoka              | Volusia       | Up                       | 0          | Up        | Down       | 0                    | 0                     | Up        | 0         |
| 3519           | Suwannee            | Dixie         | Up                       | Up         | 0         | Up         | 0                    | Up                    | 0         | 0         |
| 3521           | Santa Fe            | Alachua       | 0                        | Up         | Up        | Up         | Down                 | Up                    | 0         | 0         |
| 3526           | Aucilla             | Taylor        | Up                       | Up         | 0         | 0          | Down                 | 0                     | 0         | 0         |
| 3533           | East Bay            | Santa Rosa    | Down                     | 0          | Down      | 0          | Down                 | 0                     | Down      | Up        |
| 3536           | Alaqua Creek        | Walton        | Down                     | Up         | Down      | Up         | Down                 | 0                     | Down      | Up        |

**Table 2 (Continued)**

| <i>Station</i> | <i>River</i>        | <i>County</i> | <i>Nitrate + Nitrite</i> | <i>TKN</i> | <i>TP</i> | <i>TOC</i> | <i>Chlorophyll a</i> | <i>Fecal Coliform</i> | <i>pH</i> | <i>DO</i> |
|----------------|---------------------|---------------|--------------------------|------------|-----------|------------|----------------------|-----------------------|-----------|-----------|
| 3537           | Nassau              | Nassau        | 0                        | 0          | 0         | 0          | Up                   | 0                     | 0         | 0         |
| 3538           | Alapaha             | Hamilton      | 0                        | 0          | 0         | 0          | 0                    | 0                     | 0         | Up        |
| 3540           | Ochlockonee         | Leon          | 0                        | 0          | Down      | 0          | Up                   | 0                     | 0         | Up        |
| 3544           | St. Marys           | Nassau        | Down                     | 0          | 0         | 0          | Down                 | Down                  | 0         | 0         |
| 3546           | Yellow              | Okaloosa      | Up                       | 0          | 0         | 0          | 0                    | Up                    | 0         | Up        |
| 3547           | Cowarts Creek       | Jackson       | Up                       | Up         | 0         | 0          | 0                    | 0                     | 0         | 0         |
| 3550           | Brushy Creek        | Holmes        | Down                     | Down       | Down      | 0          | Down                 | Down                  | 0         | Up        |
| 3551           | Yellow              | Escambia      | 0                        | 0          | 0         | 0          | Down                 | 0                     | 0         | Up        |
| 3552           | Chipola             | Santa Rosa    | 0                        | 0          | Down      | 0          | 0                    | 0                     | 0         | Up        |
| 3553           | St. Johns           | Calhoun       | Down                     | Down       | Down      | 0          | Up                   | 0                     | Up        | 0         |
| 3558           | Miami Canal         | Broward       | Down                     | Down       | Down      | 0          | 0                    | 0                     | 0         | Up        |
| 3559           | Hillsboro Canal     | Palm Beach    | 0                        | Down       | 0         | Down       | Up                   | Down                  | 0         | Up        |
| 3570           | Aerojet Canal       | Dade          | Up                       | Up         | Down      | 0          | 0                    | Up                    | Up        | Up        |
| 3571           | Black Creek Canal   | Dade          | Up                       | 0          | 0         | Down       | Up                   | 0                     | 0         | Up        |
| 3572           | Miami               | Dade          | Up                       | Down       | Down      | Down       | Up                   | 0                     | 0         | Up        |
| 6976           | Econfina            | Taylor        | 0                        | Up         | 0         | Up         | Down                 | Up                    | Down      | 0         |
| 6978           | Steinhatchee        | Taylor        | 0                        | Up         | Up        | Up         | Down                 | 0                     | 0         | 0         |
| 21179          | Spruce Creek        | Volusia       | Up                       | 0          | Down      | 0          | 0                    | Up                    | 0         | 0         |
| 21200          | Rice Creek          | Putnam        | 0                        | 0          | 0         | 0          | Down                 | 0                     | 0         | 0         |
| 21201          | Moultrie Creek      | St. Johns     | 0                        | 0          | 0         | 0          | 0                    | 0                     | 0         | 0         |
| 21202          | Orange Creek        | Marion        | Up                       | 0          | 0         | Up         | Down                 | 0                     | Down      | Down      |
| 21380          | Homosassa Springs   | Holmes        | Up                       | Down       | 0         | 0          | 0                    | 0                     | 0         | 0         |
| 21461          | Big Coldwater Creek | Santa Rosa    | Up                       | Down       | Down      | 0          | Down                 | 0                     | Down      | 0         |