

Table 1. Trends in Selected Water Quality Indicators in Groundwater Wells Tapping Confined Aquifers.

This is a 23-column table. Column 1 lists the station, Column 2 lists the county, and Columns 3 through 23 list the water quality indicators.

“Up” means the indicator is increasing, “Down” means it is decreasing, and a zero (0) means there is no significant trend. ISD indicates there are not enough data. All trends are based on data collected **January 2009 through June 2019**.

Temp=Temperature, SC=Specific Conductance, DO=Dissolved Oxygen, pH=Hydrogen Ion Concentration, DTW=Depth to Water, TDS=Total Dissolved Solids, TOC=Total Organic Carbon, NO_x=Nitrate plus Nitrite, TKN=Total Kjeldahl Nitrogen, TN=Total Nitrogen, Ortho-P=Orthophosphate, P=Phosphorus, K=Potassium, SO₄=Sulfate, Na= Sodium, Cl=Chloride, Ca=Calcium, Mg=Magnesium, ALK=Alkalinity, TC=Total Coliform, and FC=Fecal Coliform.

Station	County	Temp	SC	DO	pH	DTW	TDS	TOC	NO _x	TKN	TN	Ortho P	P	K	SO ₄	Na	Cl	Ca	Mg	ALK	TC	FC
243	Calhoun	Down	Up	Up	Down	Up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
312	Washington	0	Down	Up	Down	Up	Down	0	0	0	0	0	0	0	Down	0	0	Down	Up	Down	0	0
615	Desoto	Up	0	Down	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
707	Manatee	0	Up	0	Down	Up	Up	0	0	0	0	0	0	0	Up	0	0	Up	Up	Down	0	0
737	Hardee	Down	0	Down	Down	0	0	0	0	0	Down	Down	Down	0	0	0	0	Down	Up	Up	0	0
775	Manatee	0	Up	0	Down	Up	0	0	0	0	0	Down	0	0	0	0	0	0	0	0	0	0
997	Hillsborough	0	Up	0	0	0	0	0	0	0	0	0	0	0	0	Up	Up	Up	Up	0	0	0
1420	Seminole	Up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Down	0	0
1674	Alachua	Up	Down	Up	0	0	Down	0	0	0	0	Up	0	0	0	Up	Down	0	0	0	0	0
1762	St. Johns	Up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1763	St. Johns	Up	0	0	0	0	Up	0	0	0	0	0	0	0	Down	0	0	0	0	Up	0	0
1779	Baker	Up	0	0	0	Up	0	0	0	0	0	0	0	0	Down	0	Down	0	0	0	0	0
1780	Baker	Up	0	0	0	Up	0	0	0	0	0	Down	Down	0	Down	Down	Down	0	0	0	0	0
2187	Alachua	0	0	0	Down	Up	0	0	0	0	0	Down	0	0	Up	0	Down	Up	0	0	0	0
2353	Columbia	Up	Up	0	Up	0	Up	0	0	0	0	Up	Up	Up	0	Up	Up	Up	0	Up	0	0
2404	Taylor	0	0	0	0	0	0	Down	0	0	0	0	Down	Down	Down	0	0	0	0	0	0	0
2585	Madison	0	0	0	0	0	0	0	0	0	0	Up	0	0	Down	0	0	0	0	Up	0	0
2675	Hamilton	Up	Down	0	Up	Up	0	0	0	0	0	Up	0	0	Down	0	0	0	0	0	0	0
2873	Collier	Down	0	0	0	Up	0	Down	Down	0	0	Down	Down	0	0	Down	Down	0	0	0	0	0
3108	Lee	Down	Down	Down	0	0	0	0	0	0	0	Down	Down	Down	Down	Down	Down	Down	Down	Up	0	0
3433	Polk	Up	Up	Down	Down	ISD	0	0	0	0	0	0	Up	0	0	0	Up	Up	0	0	0	0
7935	Manatee	0	0	0	0	Up	0	0	0	0	0	Down	0	0	0	0	Down	Up	0	0	0	0

Table 2. Trends in Selected Water Quality Indicators in Groundwater Wells Tapping Unconfined Aquifers.

This is a 23-column table. Column 1 lists the station, Column 2 lists the county, and Columns 3 through 23 list the water quality indicators.

“Up” means the indicator is increasing, “Down” means it is decreasing, and a zero (0) means there is no significant trend. ISD indicates there are not enough data. All trends are based on data collected **January 2009 through June 2019**.

Temp=Temperature, SC=Specific Conductance, DO=Dissolved Oxygen, pH=Hydrogen Ion Concentration, DTW=Depth to Water, TDS=Total Dissolved Solids, TOC=Total Organic Carbon, NO_x=Nitrate plus Nitrite, TKN=Total Kjeldahl Nitrogen, TN=Total Nitrogen, Ortho-P=Orthophosphate, P=Phosphorus, K=Potassium, SO₄=Sulfate, Na= Sodium, Cl=Chloride, Ca=Calcium, Mg=Magnesium, ALK=Alkalinity, TC=Total Coliform, and FC=Fecal Coliform.

Station	County	Temp	SC	DO	pH	DTW	TDS	TOC	NO _x	TKN	TN	Ortho P	P	K	SO ₄	Na	Cl	Ca	Mg	ALK	TC	FC
67	Wakulla	0	0	0	Down	ISD	0	0	Down	0	Down	Down	Down	0	0	0	0	0	0	0	0	0
91	Leon	Up	0	Down	Down	0	0	0	0	0	0	0	0	0	0	0	Down	0	0	0	0	0
129	Escambia	0	Up	0	Down	Up	0	0	0	0	0	0	0	Down	0	0	0	Up	Up	0	0	0
131	Escambia	Up	Up	Up	Down	0	0	0	0	0	0	0	0	0	Down	0	0	0	Down	0	0	0
245	Calhoun	0	Up	Up	Down	Up	0	0	Up	0	Up	0	0	0	0	0	0	0	Up	0	0	0
313	Washington	Up	Up	Down	Down	Up	0	0	0	0	0	0	0	0	Up	Up	Up	0	Up	0	0	0
736	Hardee	Down	Down	Down	Down	0	Down	Down	Down	0	Down	Down	Down	Down	Down	Up	Up	Down	0	Down	0	0
996	Hillsborough	0	Up	Down	Up	0	Up	Up	0	Up	0	0	0	0	Down	0	Down	Up	Down	Up	0	0
1087	Sumter	Down	0	Down	0	Up	0	0	0	0	0	0	0	0	Down	0	0	0	0	0	0	0
1100	Hernando	Down	Down	0	Down	Up	0	0	0	0	0	0	Up	0	Down	0	Down	0	0	0	0	0
1417	Seminole	Up	0	0	Up	0	0	0	Down	0	Down	Up	Up	0	Down	Down	0	0	0	0	0	0
1764	St. Johns	Up	Up	0	Down	0	Up	Up	0	Up	0	Down	0	Up	Up	Up	Up	0	Up	0	0	0
1781	Baker	Up	Down	Down	Down	Up	Down	0	0	0	0	Down	0	0	Down	Down	0	Down	Down	Down	0	0
1931	Alachua	Up	Up	0	Down	Up	Up	0	0	0	Up	Up	0	0	Up	Up	Up	Up	Up	Up	0	0
1943	Dixie	Up	Up	Down	0	0	0	0	0	0	0	0	0	0	Down	Down	Down	0	Up	0	0	0
2003	Gilchrist	Up	Up	Up	Down	Up	Up	Down	Up	Down	Up	Down	Down	Down	0	Up	0	Up	Up	Up	0	0
2259	Suwannee	Up	0	0	0	Up	0	0	Up	Up	Up	Up	Up	Up	Up	Up	Up	0	0	Down	0	0
2465	Suwannee	Up	Down	0	Up	0	Down	0	Down	0	Down	0	0	0	Down	Down	Down	Down	Down	Down	0	0
2793	Broward	Up	Up	Up	0	0	0	Down	0	Down	0	0	0	0	Down	Up	0	0	0	Up	0	0
2872	Collier	Down	Down	Down	0	Up	0	Down	Down	Down	Down	0	Down	Down	Down	Up	0	0	0	0	0	0
3109	Lee	Up	Down	Down	0	0	Down	Up	0	Down	0	0	Down	Down	Down	Down	Down	Down	Down	0	0	0
3398	Palm Beach	Up	0	Up	0	0	0	Down	0	0	0	Down	Down	0	0	Up	Up	0	0	0	0	0
3490	Polk	Up	Down	Down	Down	0	0	0	0	0	0	0	0	0	0	0	Down	0	Down	Up	0	0
6490	Dade	Up	Up	Up	0	Down	0	0	0	Up	0	0	0	0	Down	Up	Up	0	Down	0	0	0
7934	Manatee	0	0	Down	Down	Up	0	Up	Up	Up	Up	0	0	0	Down	Up	Up	0	Down	Up	0	0
9674	Jackson	0	Up	0	0	ISD	Up	0	Up	0	Up	0	0	0	0	0	Up	0	0	0	0	0
38621	Marion	Up	Up	0	Down	Up	Up	0	0	0	0	0	0	0	0	Up	Up	Up	0	Up	0	0