

Summary of Wakulla Springs Ecosummaries and Nitrate-Nitrite Levels

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Wakulla Springs Ecosummaries can be accessed through the links contained in the following web page:

www.floridastateparks.org/wakullasprings/Science.cfm

Notes:

- + The Stream Condition Index (SCI) was recalibrated effective June 4, 2004; therefore, SCI scores and Ecosummary Evaluation categories are presented below for two time periods. SCI and Ecosummary categories are not directly comparable before and after recalibration.
- + The categories provided below are different from those in the original Ecosummaries, because DEP used various text descriptions for categories over time, even within the two time periods, before and after recalibration. DEP Environmental Specialist I Jessica Patronis provided a uniform approach that was applied below for each time period for deriving Ecosummary Evaluation categories (Very Poor 0-19, Poor 19-26, Fair 46-73, and Good 73-100 for February 2000 through April 2004, and Impaired 0-34, Healthy 35-70, and Exceptional 71-100 for July 2004 to present).

February 2000 to April 2004

Year	Month	Nitrate-Nitrite (mg/l)	Stream Condition Index (SCI) Score	Ecosummary Evaluation			
				Very Poor (SCI 0-19)	Poor (SCI 19-46)	Fair (SCI 46-73)	Good (SCI 73-100)
2000	02	0.77	19	Very Poor	---	---	---
2000	05	0.84	23	---	Poor	---	---
2000	08	0.77	13	Very Poor	---	---	---
2000	11	0.84	19	Very Poor	---	---	---
2001	02	-----	15	Very Poor	---	---	---
2001	06	0.66	15	Very Poor	---	---	---
2001	09	0.62	17	Very Poor	---	---	---
2001	11	0.51	17	Very Poor	---	---	---
2002	08	0.56	17	Very Poor	---	---	---
2002	10	0.59	23	---	Poor	---	---
2003	01	0.54	17	Very Poor	---	---	---
2003	05	0.61	27	---	Poor	---	---
2003	08	0.70	9	Very Poor	---	---	---
2003	10	0.78	11	Very Poor	---	---	---
2004	02	0.52	25	---	Poor	---	---
2004	04	0.65	21	---	Poor	---	---

July 2004 to November 2007

Year	Month	Nitrate-Nitrite (mg/l)	Stream Condition Index (SCI) Score	Ecosummary Evaluation		
				Impaired (SCI 0-34)	Healthy (SCI 35-70)	Exceptional (SCI 71-100)
2004	07	0.59	25	Impaired	---	---
2004	10	0.74	18	Impaired	---	---
2005	01	0.61	19	Impaired	---	---
2005	05	0.58	31	Impaired	---	---
2006	01	0.66	36	---	Healthy	---
2006	04	0.37	20	Impaired	---	---
2006	08	0.47	14	Impaired	---	---
2006	11	0.47	14	Impaired	---	---
2007	02	0.68	28	Impaired	---	---
2007	05	0.60	33	Impaired	---	---
2007	11	0.48	18	Impaired	---	---