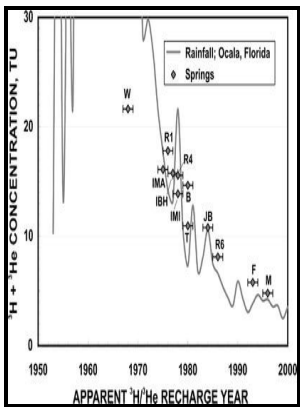
Sources and chronology of nitrate contamination in spring waters, Suwannee River basin, Florida

U.S. Dept. of the Interior, U.S. Geological Survey - Statistical summaries of surface



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Water-resources investigations report ;Sources and chronology of nitrate contamination in spring waters, Suwannee River basin, Florida
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Suwannee River

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Suwannee River

The combined results of this study indicate that the nitrate concentrations of springs in the Suwannee River basin have responded to increased nitrogen loads from various sources in the watersheds over the last few decades; however, the responses have been subdued and delayed because the average residence time of groundwater discharging from springs are in the order of decades. Sources, seasonal and geographic patterns of occurrence, and long-term trends are evaluated. On September, 24, 2010 The USGS briefed Congress, the media and the public on a new USGS study documenting nutrient concentrations in the Nation's water resources, key sources of nutrients, potential effects on humans and aquatic life, and changes in concentrations since the early 1990's.

Suwannee River Water Management District (Fla.) [WorldCat Identities]

In this study, land use changes around major cave—spring systems between 2004 and 2013—2014 are examined as potential causes of nutrient overload in the Floridan aquifer groundwater. It washes into the springs every time it rains. Look what happened to the town of White Springs, north of Lake City.

Sources of nitrate contamination and age of water in large karstic springs of Florida

This project complements ongoing BMP implementation and evaluation activities being funded through the USDA PL566 program, the SRWMD SWIM Program, the DACS agricultural BMP cost share program, and the state's Nitrate BMP program.

Springs of the Lower Suwannee River Basin, 1999

Land use changes around 26 karstic cave—spring systems in Florida were evaluated using geographic information system.

Sources and chronology of nitrate contamination in spring waters, Suwannee River basin, Florida [ele...

Notes Includes bibliographical references p. Twenty years later, it dried up completely. The blooms started with a few wisps here and there 20 years ago, and now it's so thick it covers the sandy bottom at Silver Springs and coats the bright green eel grass in Rainbow Springs with a thick, brown fuzz.

Sources of nitrate contamination and age of water in large karstic springs of Florida

A Wisconsin Department of Natural Resources scientist collects water quality data to better understand nutrients' role in the overabundance of duckweed and algae.

Florida's vanishing springs

If excess nitrogen is found in the crop fields, the drainage water can introduce it into streams like these, which will drain into other larger rivers and might end up in the Gulf of Mexico, where excess nitrogen can lead to hypoxic conditions lack of oxygen. The item Sources and chronology of nitrate contamination in spring waters, Suwannee River basin, Florida, by Brian G. A multi-tracer approach, which consisted of analyzing water samples for n aturally occurring chemical and isotopic indicators, was used to better understand sources and chronology of nitrate contamination in spring wate rs discharging to the Suwannee and Santa Fe Rivers in northern Florida.

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