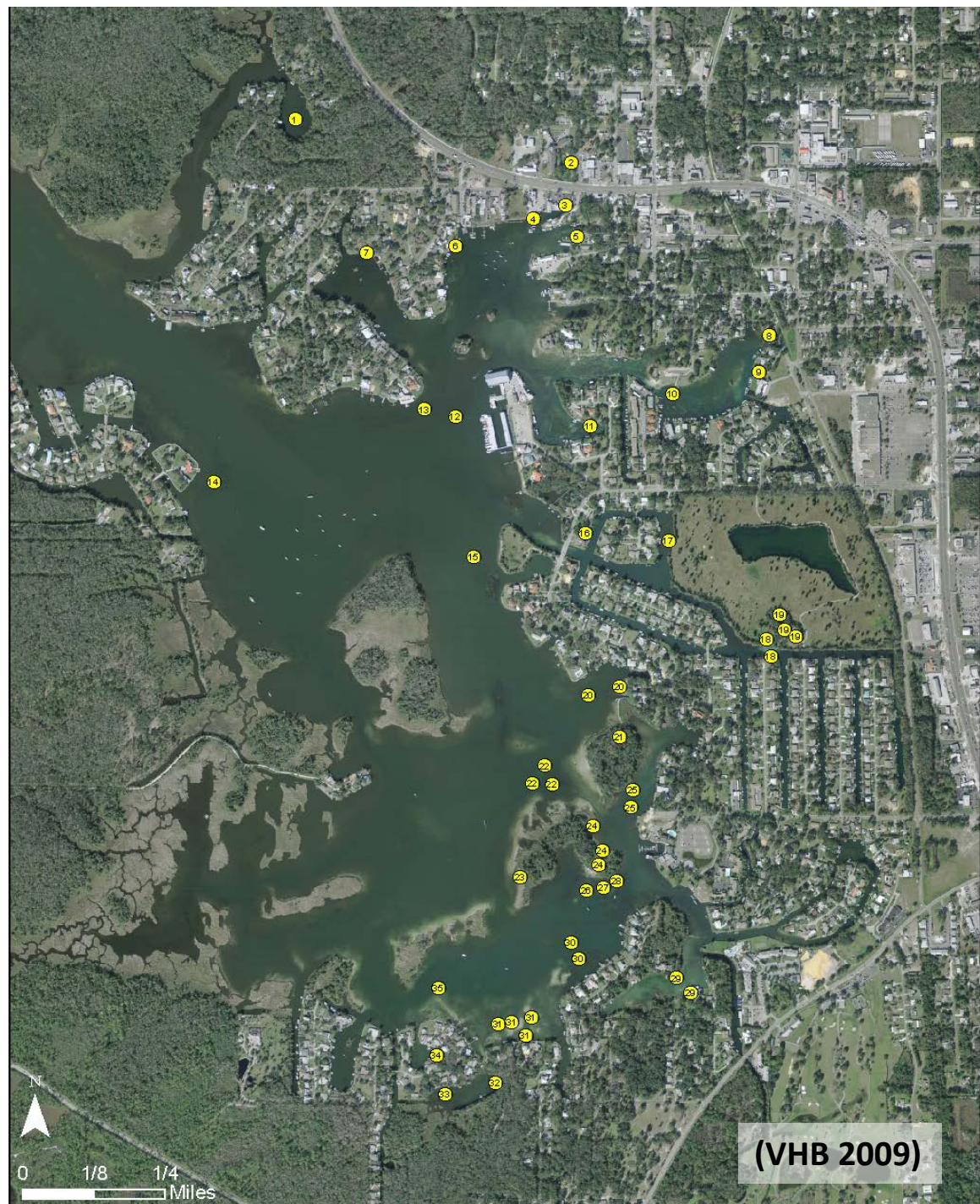
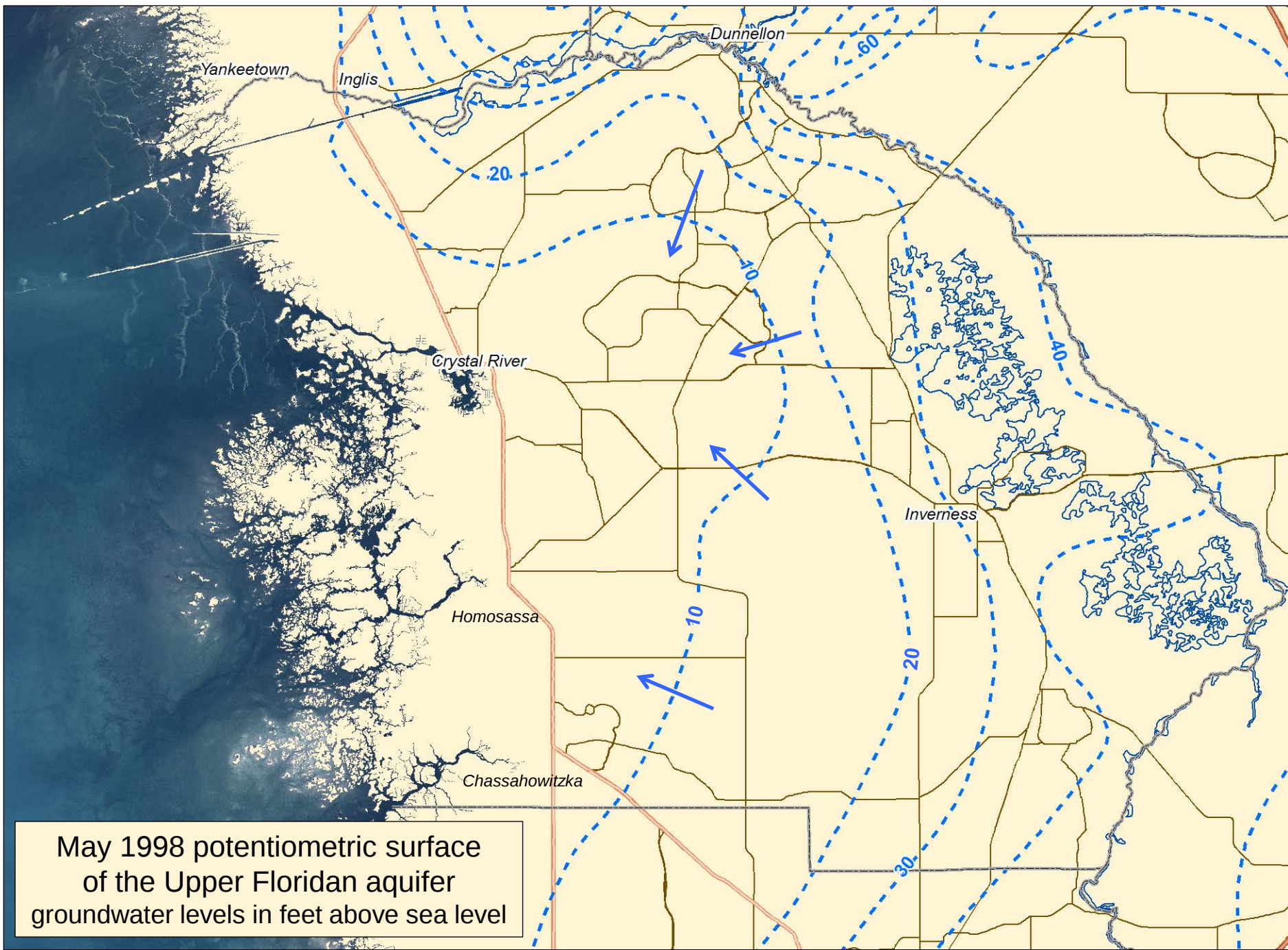
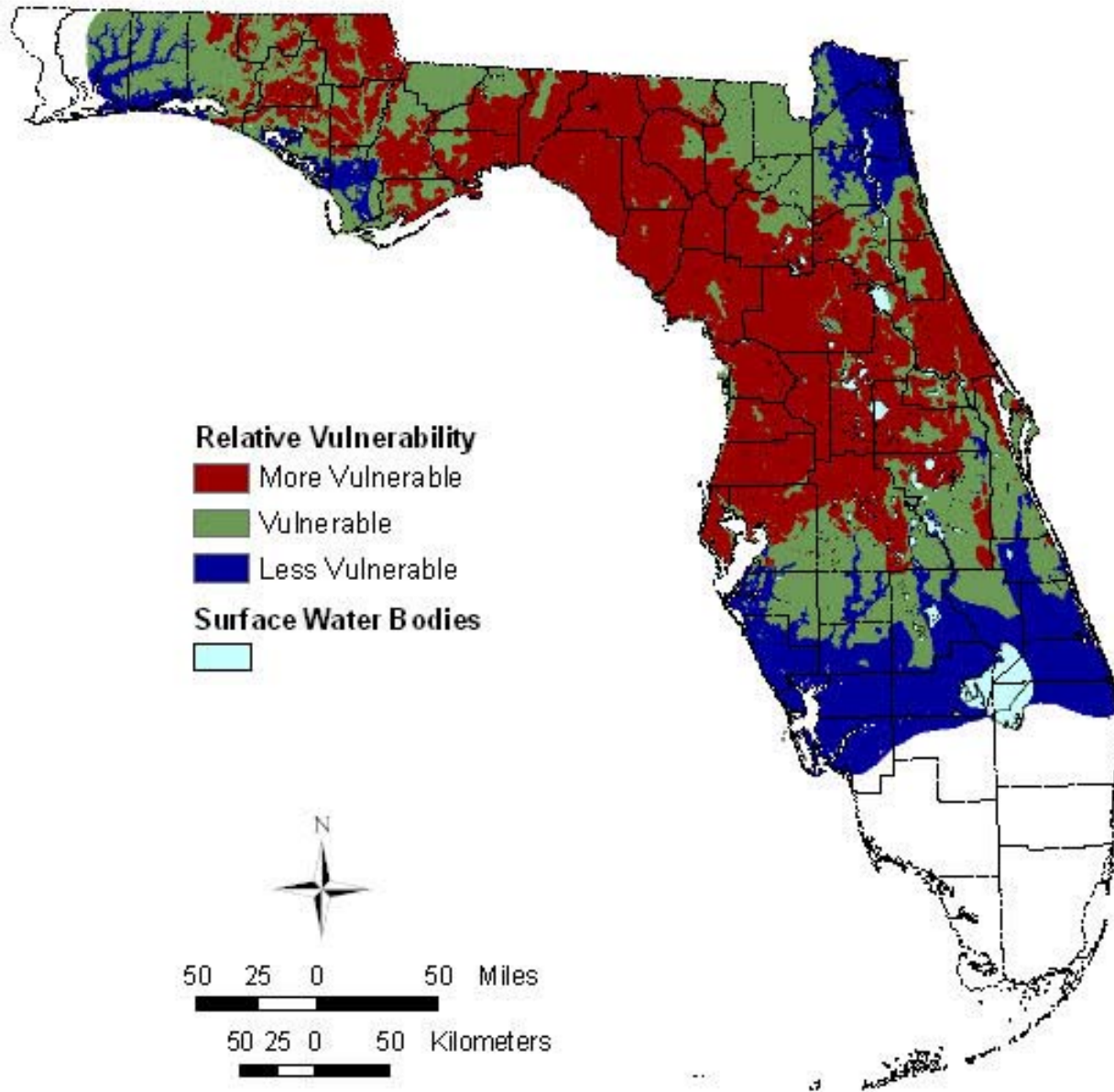


**Over 70 spring vents
have been located in Kings Bay**



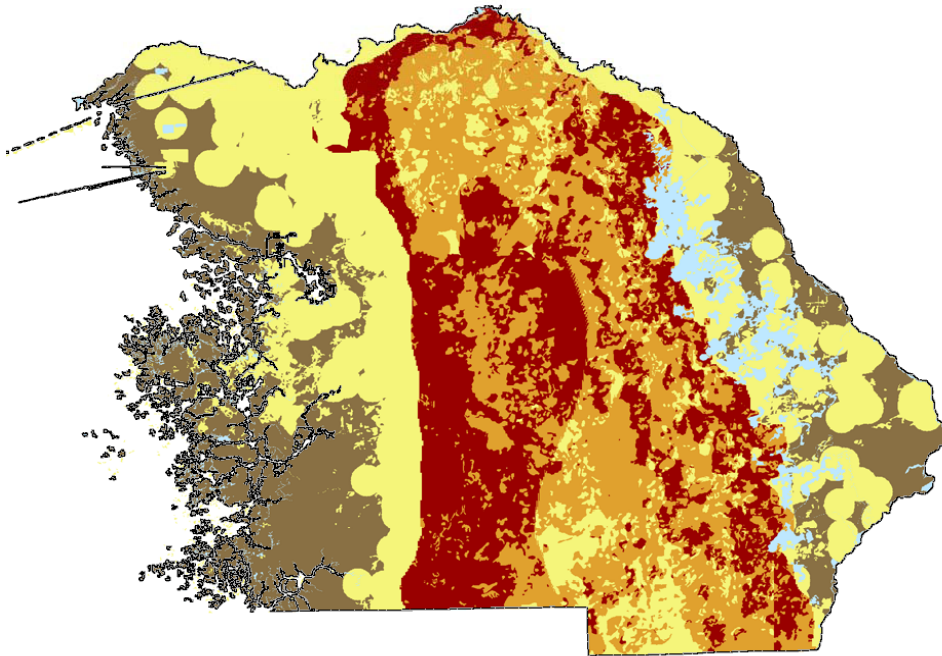


Florida Aquifer Vulnerability Assessment (FAVA) Statewide Map (FDEP- Florida Geological Survey)





Citrus County FAVA Maps from Advanced Geospatial Inc. and the FDEP (2008)



Relative Vulnerability

Most Vulnerable

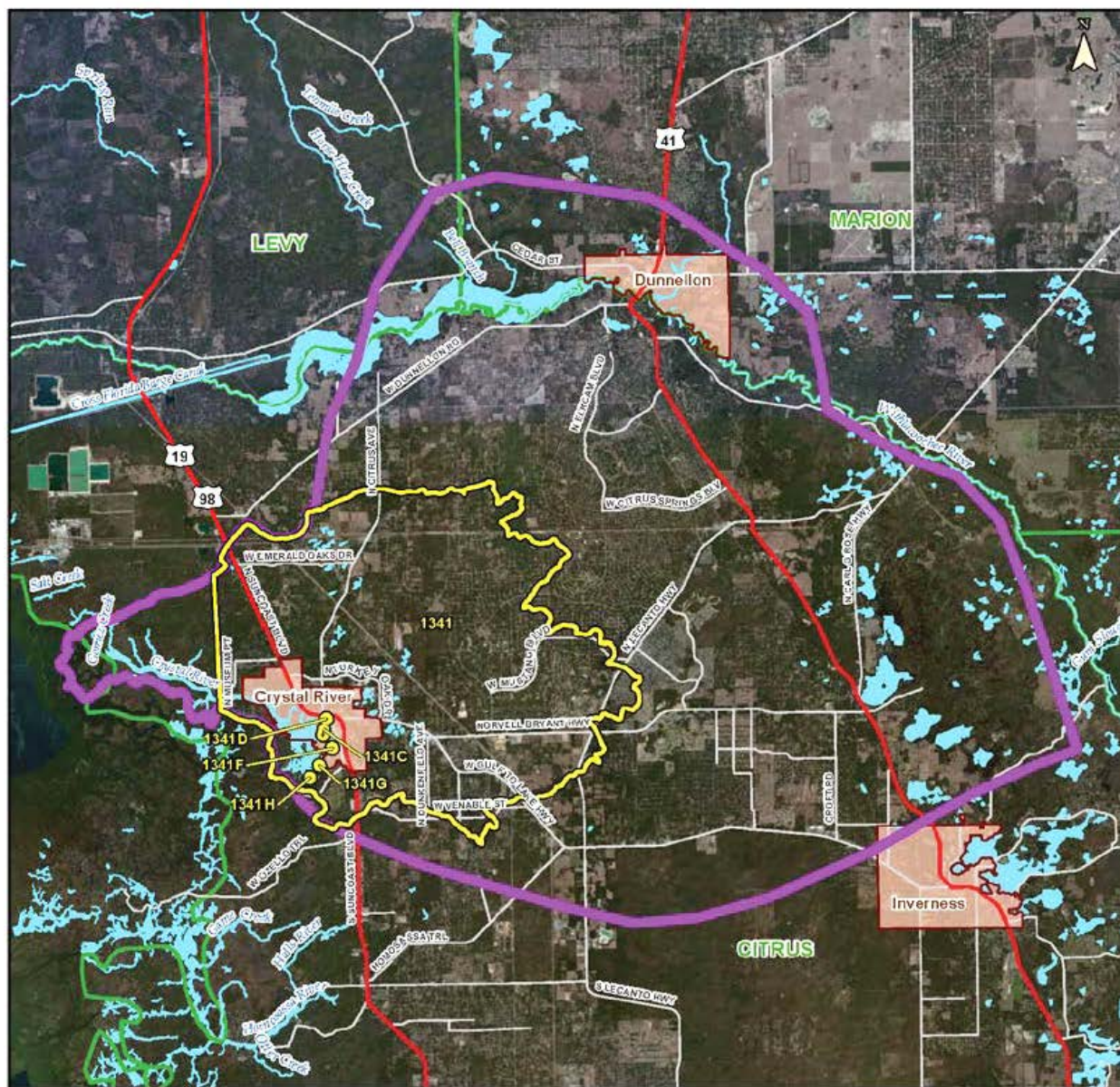
More Vulnerable

Vulnerable

Least Vulnerable

Water Bodies/Wetlands

10 5 0 10 Miles



Kings Bay and Springs Contributing Area with WBIDs

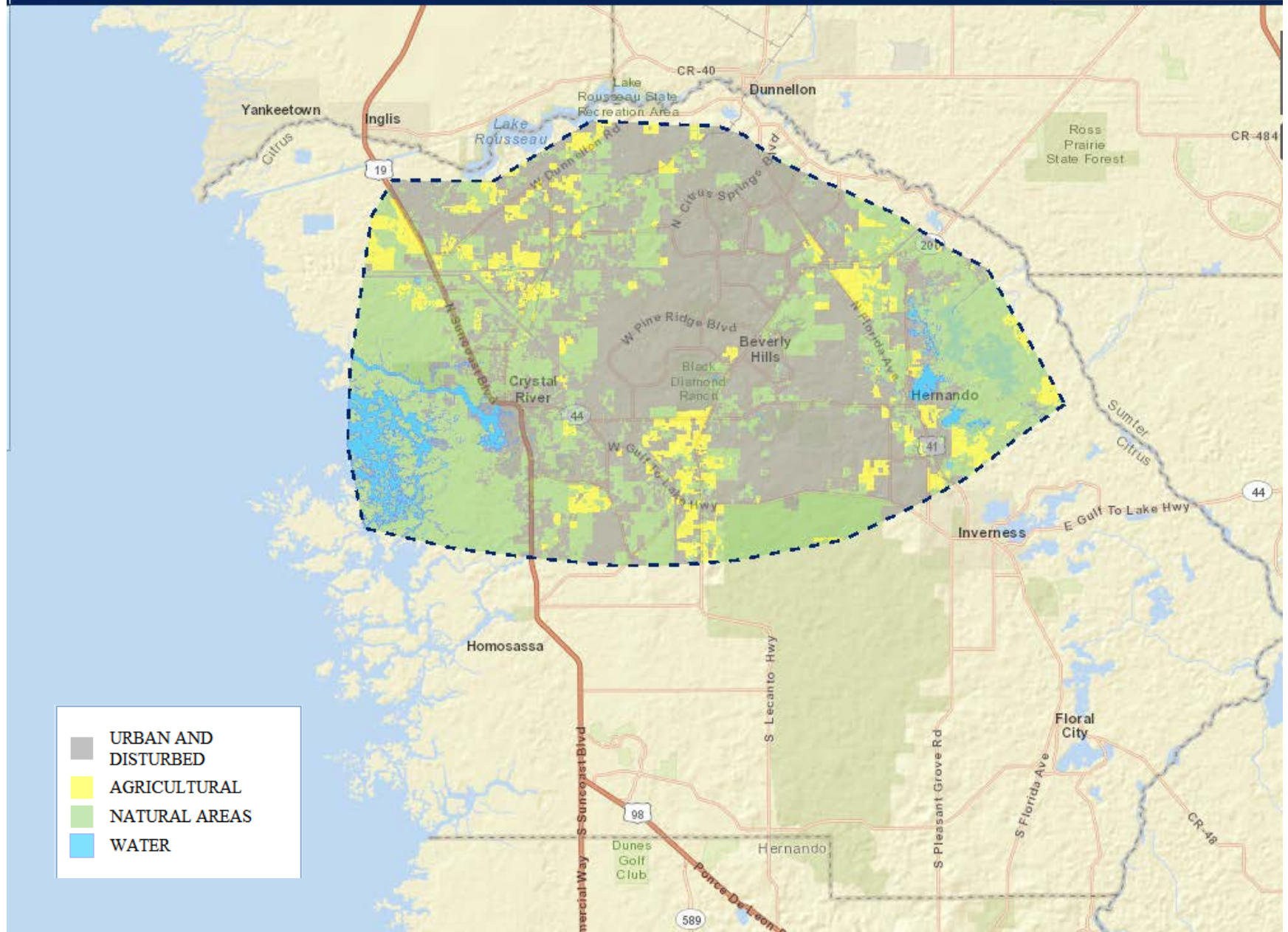
Springs Coast Group 5 Basin
Geopolitical

- Rivers and Larger Streams
- US Routes
- Local Roads
- Water Bodies
- Kings Bay and Springs
- Contributing Area
- City Limits
- Counties



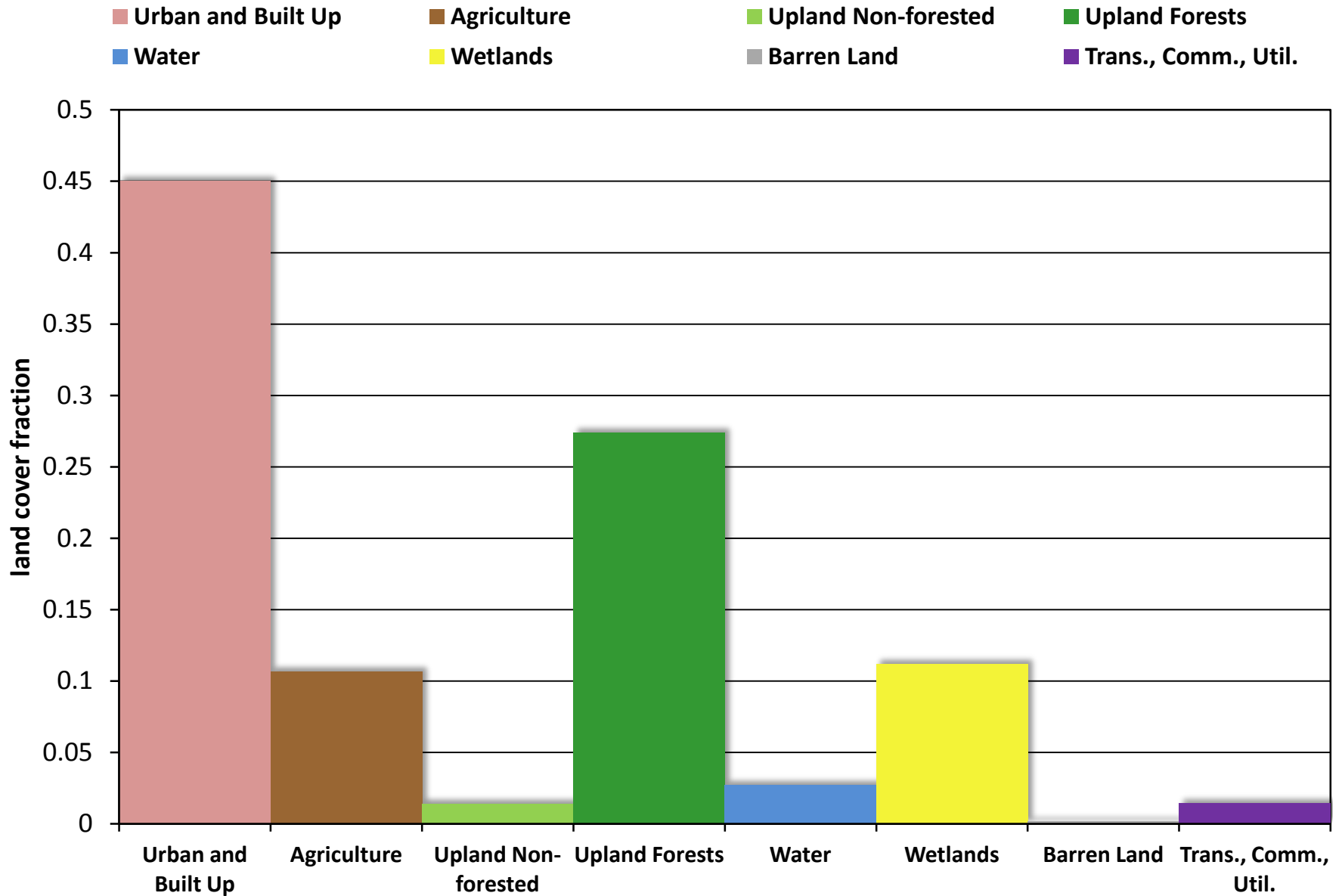
Map prepared: April 8, 2011 by the Bureau of Watershed Restoration,
Division of Environmental Assessment and Restoration. This map is not for legal
decision-making purposes. For more information or copies,
contact Kristina Wenger at (850) 245-0223, or kristina.wenger@dep.state.fl.us
(4/15/12 revised figure legend plate # 4)

Kings Bay 2009 Land Use

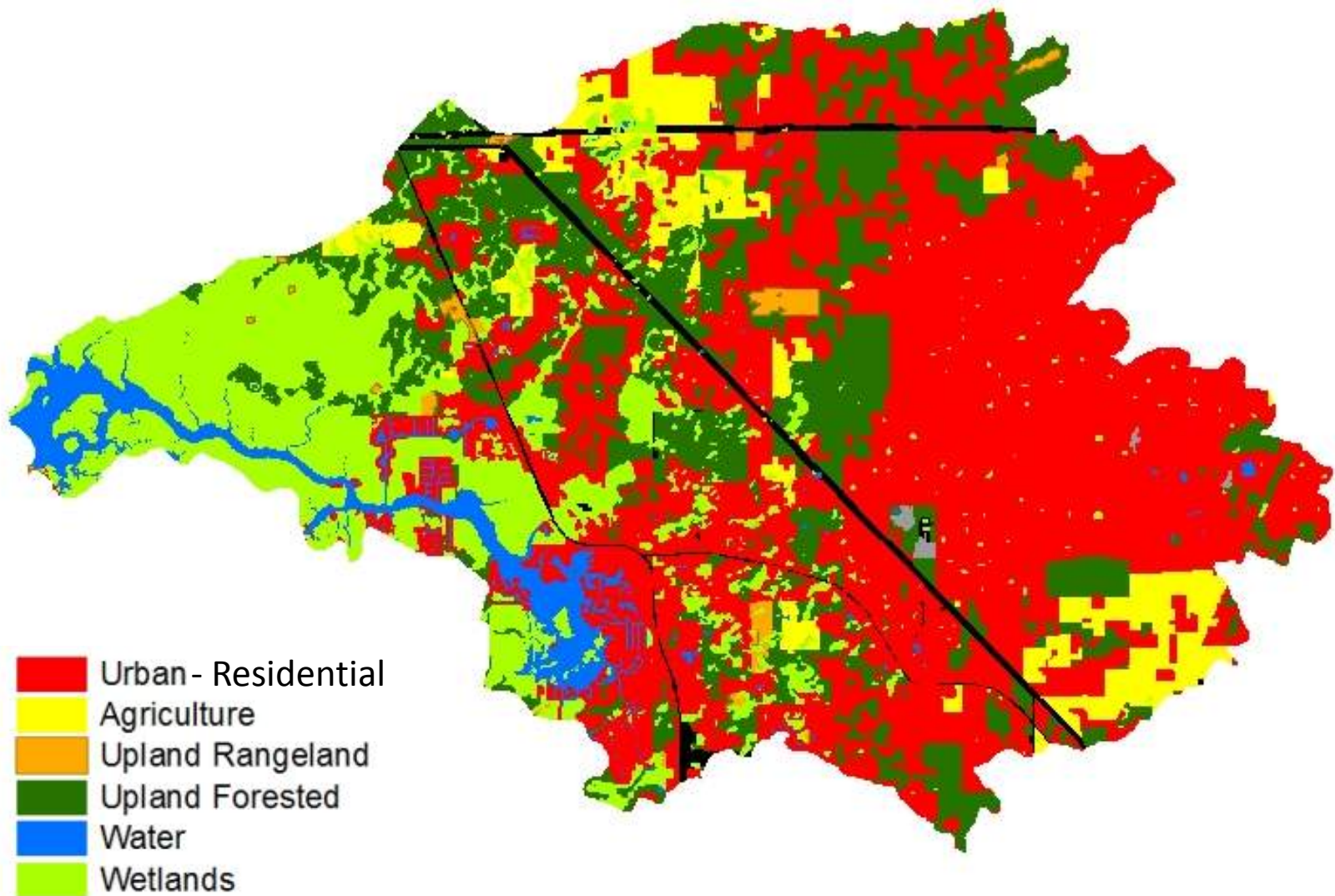


<http://www.swfwmd.state.fl.us/springs/kings-bay/dashboard/>

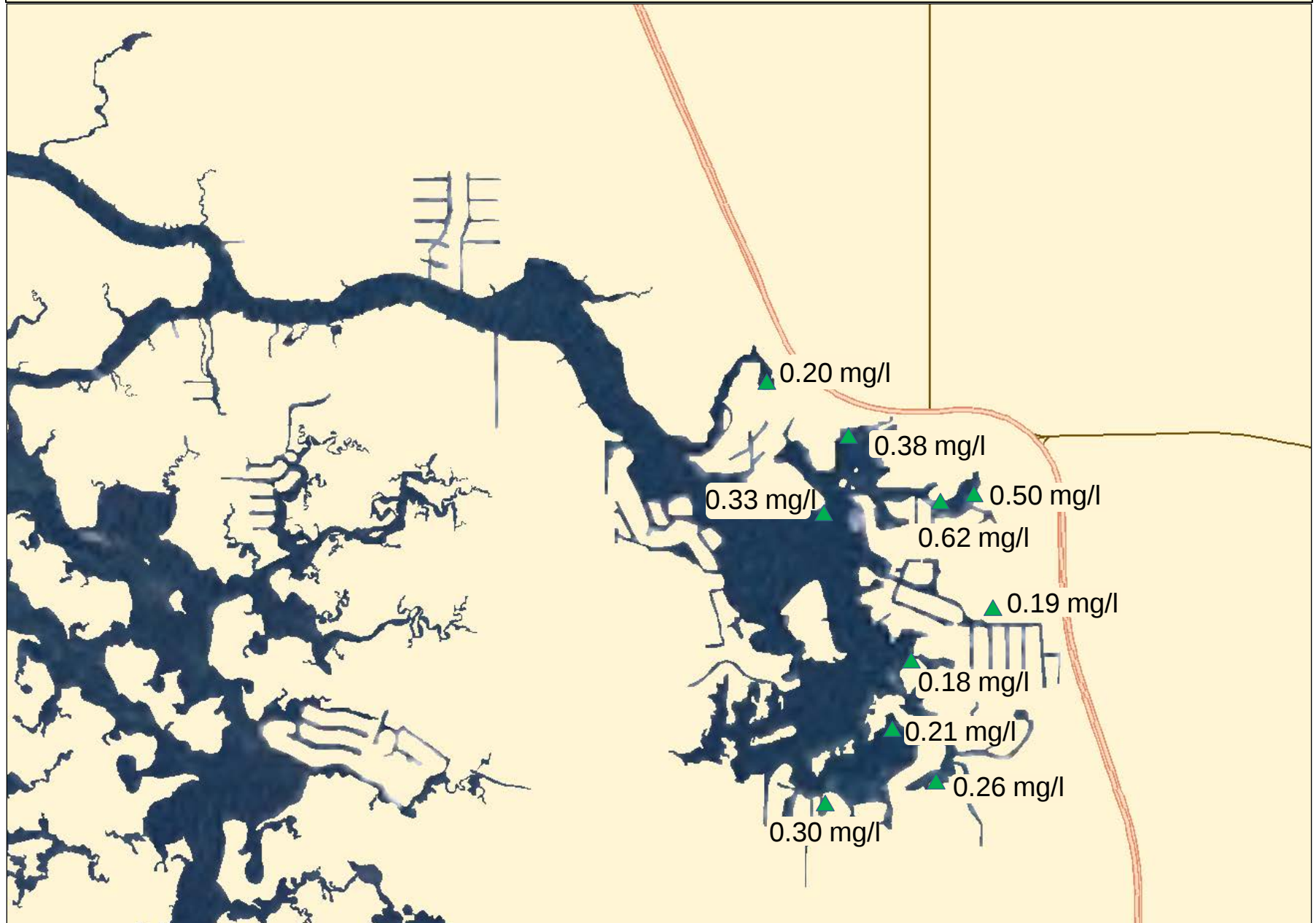
Land Use, Kings Bay Springshed



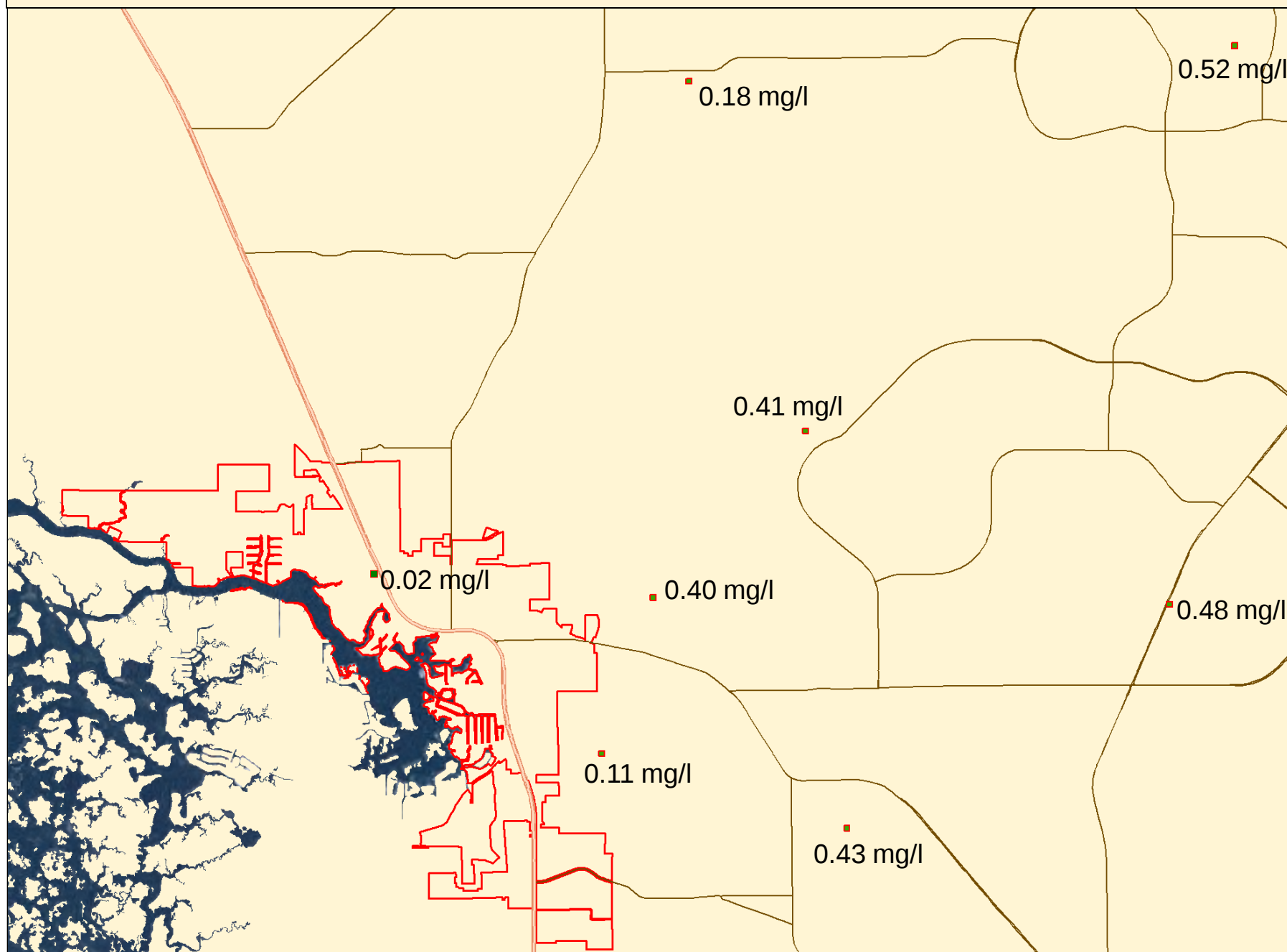
2010 Crystal River Watershed Land Use



Nitrate concentrations, in milligrams per liter, at selected springs on Kings Bay, 2012-2013



Nitrate concentrations at selected wells in northwestern Citrus County, 2011-2013

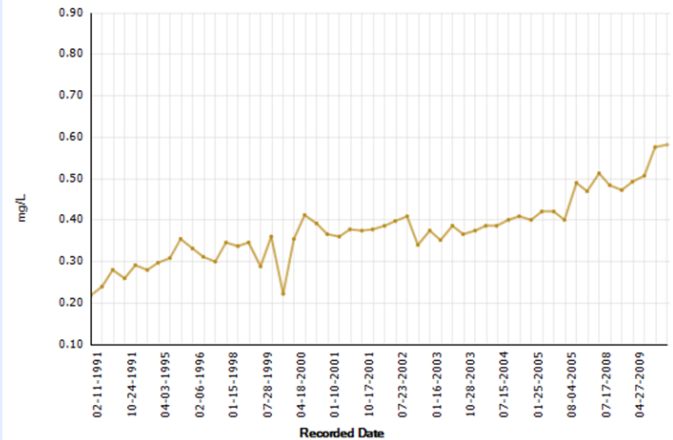


WATER MANAGEMENT INFORMATION SYSTEM

Data Warehouse current as of Jan 21, 2014 11:32

20163 HUNTERS SPRING

Nitrate-Nitrite (N) (Dissolved)

[<< Back to Search Results](#)
[Chart](#) [Preview Daily Aggregate Data](#)


Beginning Ending

Date: 02/11/1991 01/19/2010

☒ Line ☐ Bar

POR Beginning Date: 2/11/1991
POR Ending Date: 1/19/2010
No. of Raw Data Record(s): 60

Nitrate-nitrogen
 from spring discharge:
 0.2 - 0.6 mg/l

- increasing trends
- fresher springs in the northeast part of bay

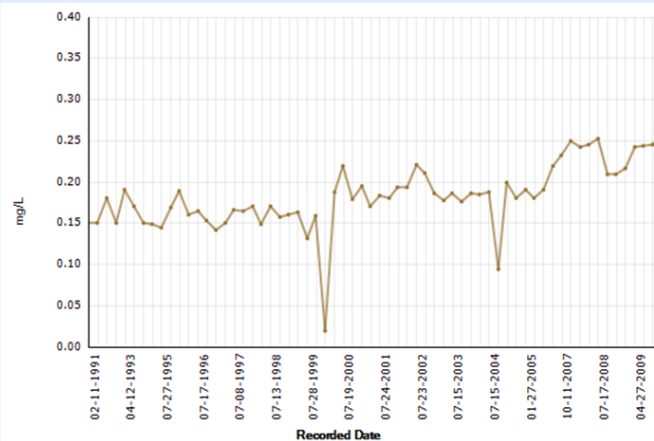
FLORIDA WATER MANAGEMENT DISTRICT

WATER MANAGEMENT INFORMATION SYSTEM

Data Warehouse current as of Jan 21, 2014 11:32

20108 TARPON HOLE SPRING

Nitrate-Nitrite (N) (Dissolved)

[<< Back to Search Results](#)
[Chart](#) [Preview Daily Aggregate Data](#)


Beginning Ending

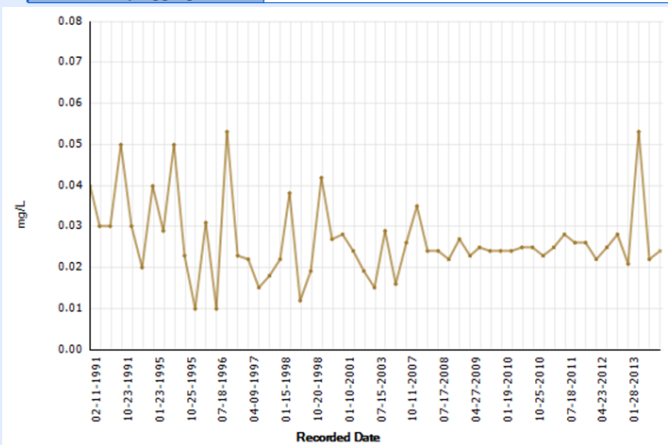
Date: 02/11/1991 01/19/2010

☒ Line ☐ Bar

POR Beginning Date: 2/11/1991
POR Ending Date: 1/19/2010
No. of Raw Data Record(s): 73

20160 CATFISH SPRING

Phosphorus- Total (Total)

[<< Back to Search Results](#)Chart [Preview Daily Aggregate Data](#)

Beginning

Ending

Date: 02/11/1991 10/21/2013

☒ Line☐ Bar

Refresh

Export Daily Data

Graph Last 12 Months

Graph POR

POR Beginning Date: 2/11/1991

POR Ending Date: 10/21/2013

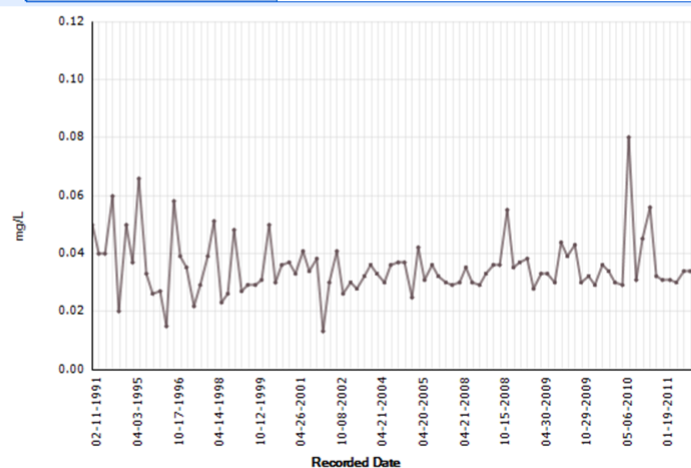
No. of Raw Data Record(s): 55

Total Phosphorus (TP)
from spring discharge:
.01-.05 mg/l

- No observable trends
- Still is a nutrient load

20108 TARPON HOLE SPRING

Phosphorus- Total (Total)

[<< Back to Search Results](#)Chart [Preview Daily Aggregate Data](#)

Beginning

Ending

Date: 02/11/1991 04/23/2012

☒ Line☐ Bar

Refresh

Export Daily Data

Graph Last 12 Months

Graph POR

POR Beginning Date: 2/11/1991

POR Ending Date: 4/23/2012

No. of Raw Data Record(s): 99

