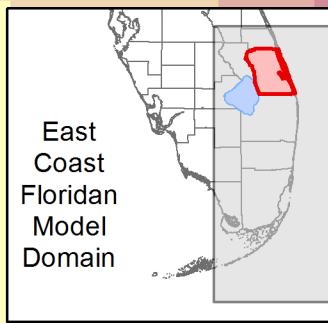


Floridan Aquifer System Modeling Results

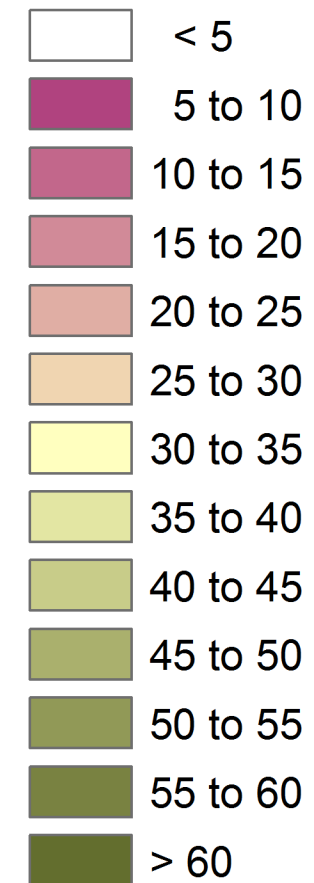
**Water Level Map**  
**Initial Condition**  
**Upper Floridan Aquifer**  
**(Layer 1)**



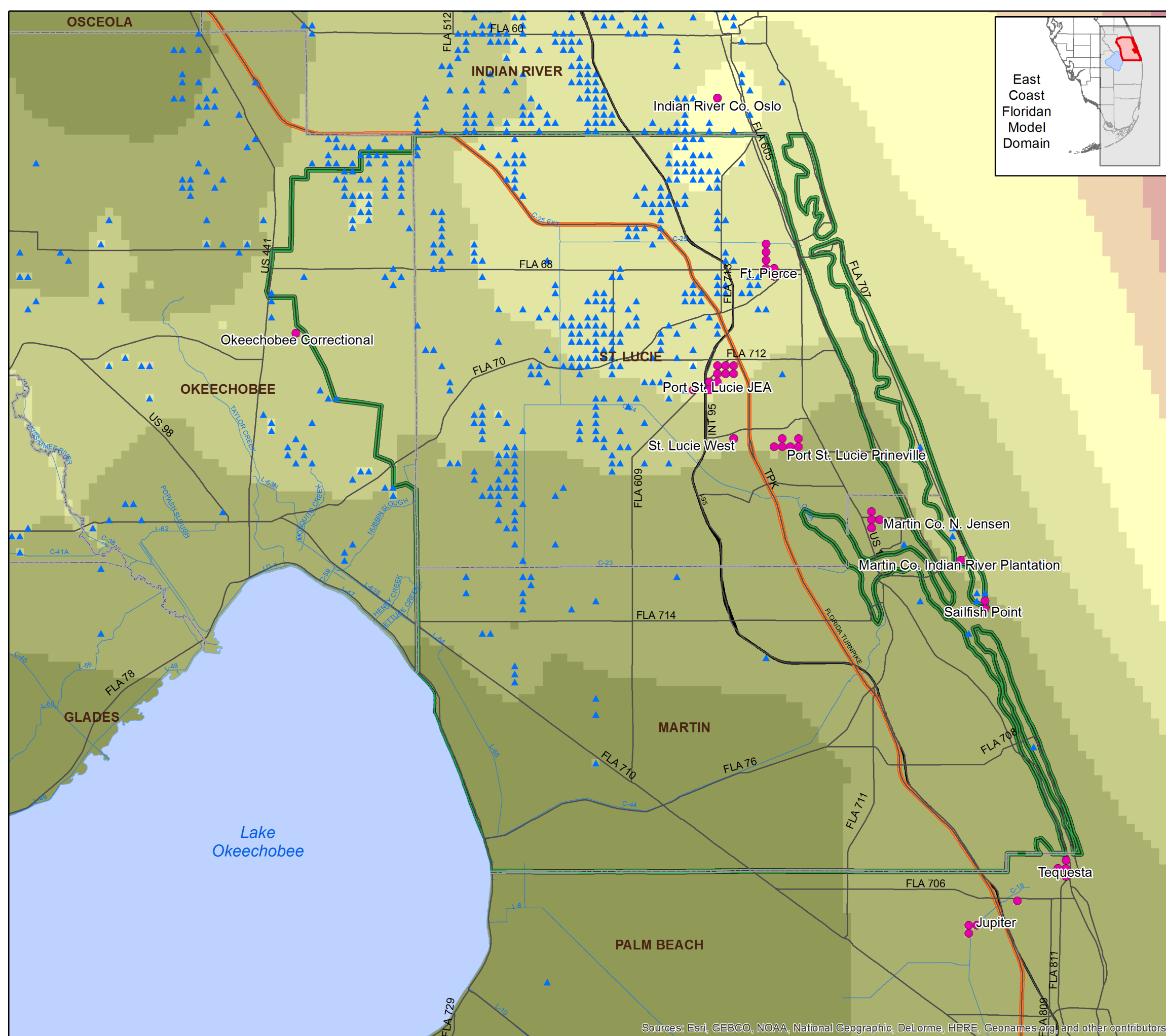
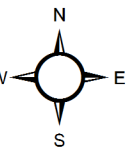
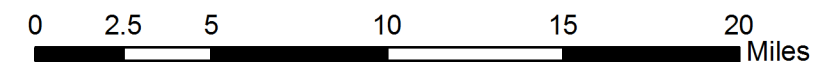
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Initial Condition Water Level (Approximately December 2012)**

Feet, NGVD29



\* Only wells in Layer 1 are shown



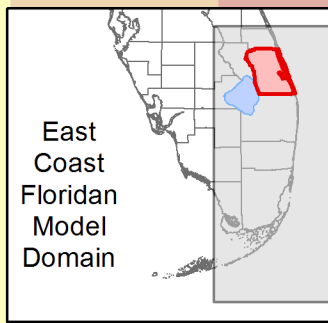
Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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# Water Level Map

## 2013 Model Run

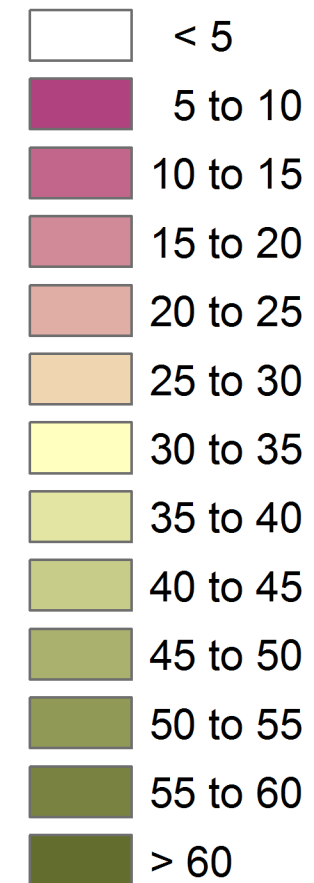
### Upper Floridan Aquifer (Layer 1)



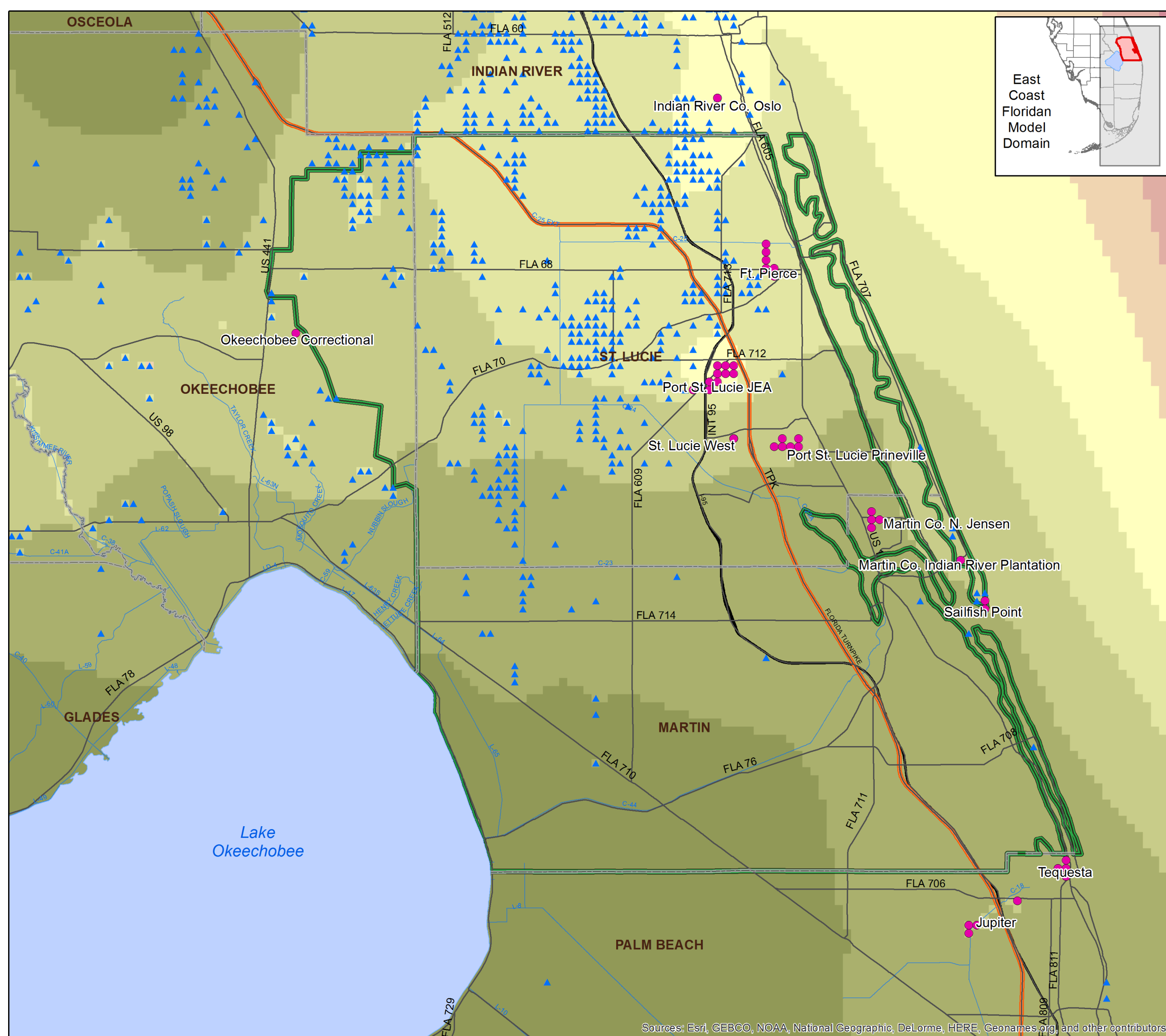
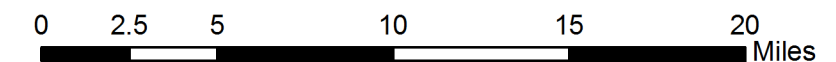
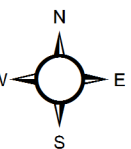
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) at the end of the 2013 model run (month 288)**

Feet, NGVD29



\* Only wells in Layer 1 are shown

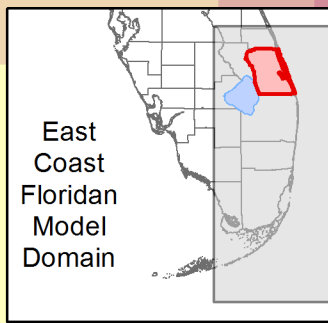


Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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Floridan Aquifer System Modeling Results

**Water Level Map**  
**2040 Model Run**  
**Upper Floridan Aquifer**  
**(Layer 1)**



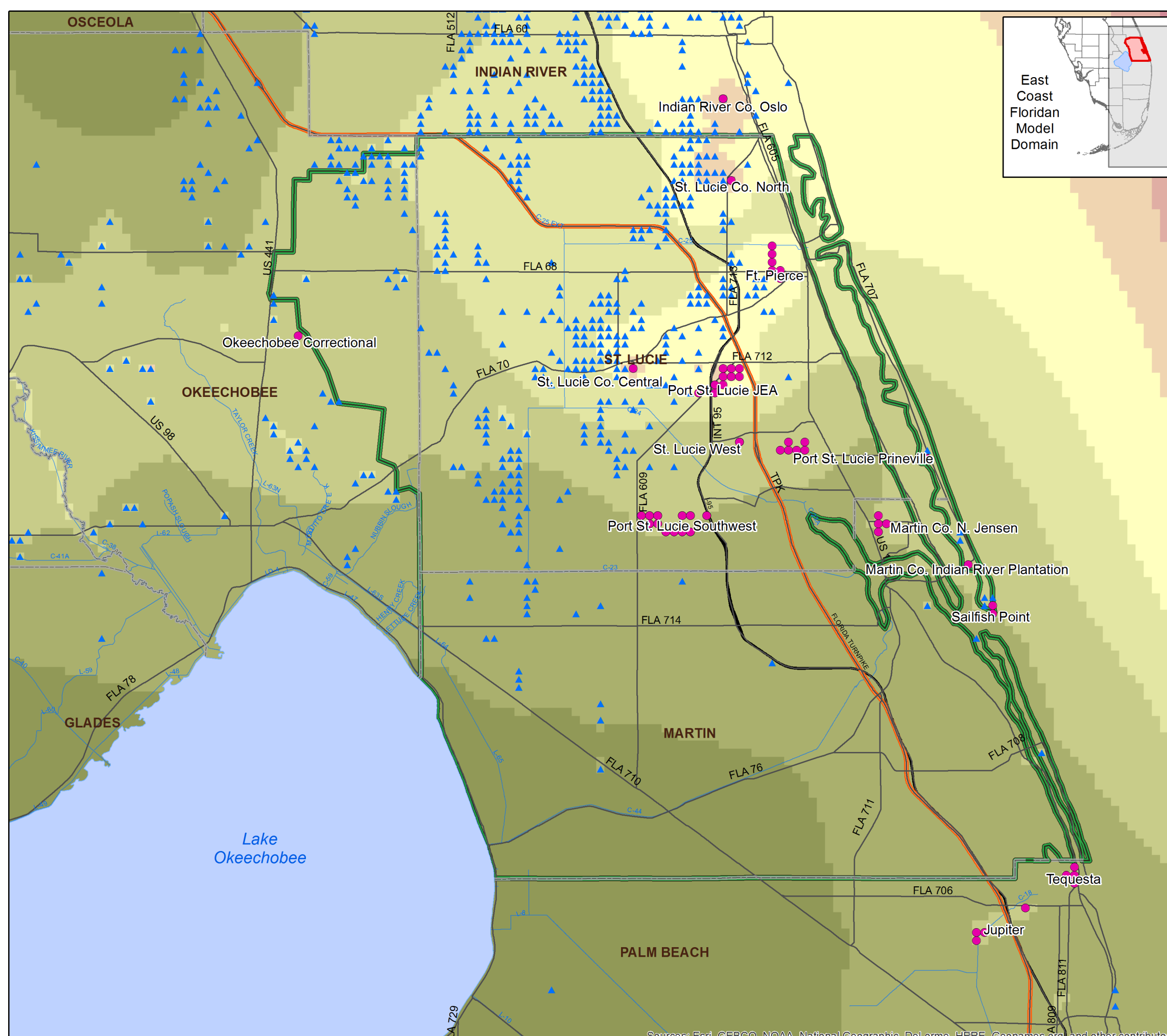
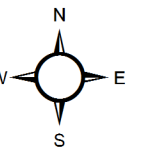
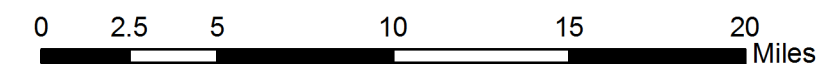
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) at the end of the 2040 model run (month 288)**

Feet, NGVD29

- < 5
- 5 to 10
- 10 to 15
- 15 to 20
- 20 to 25
- 25 to 30
- 30 to 35
- 35 to 40
- 40 to 45
- 45 to 50
- 50 to 55
- 55 to 60
- > 60

\* Only wells in Layer 1 are shown



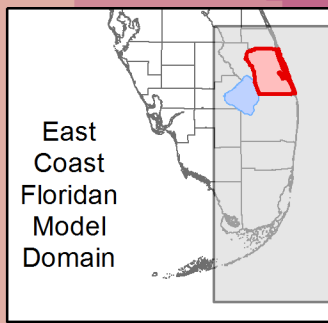
Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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Floridan Aquifer System Modeling Results

**Water Level Map**  
**Initial Condition**  
**Avon Park Permeable Zone**  
**(Layer 3)**



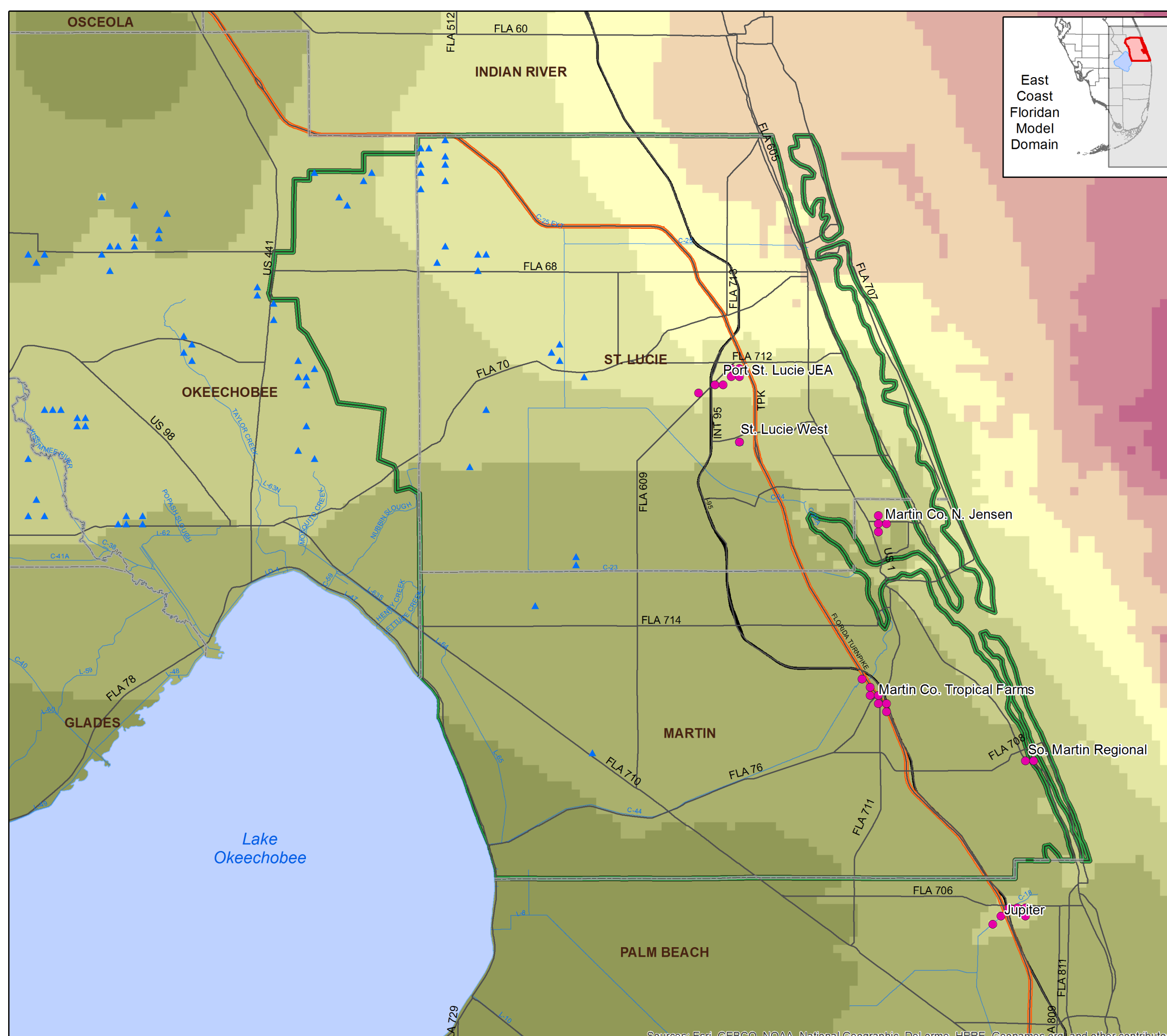
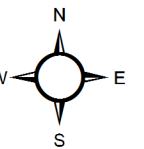
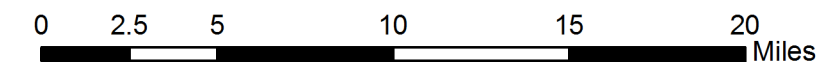
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Initial Condition Water Level (Approximately December 2012)**

Feet, NGVD29

- < 5
- 5 to 10
- 10 to 15
- 15 to 20
- 20 to 25
- 25 to 30
- 30 to 35
- 35 to 40
- 40 to 45
- 45 to 50
- 50 to 55
- 55 to 60
- > 60

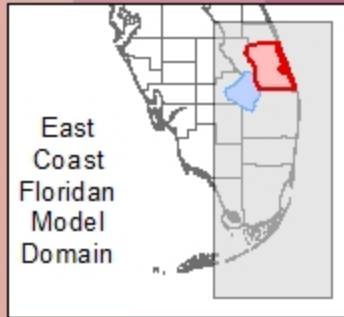
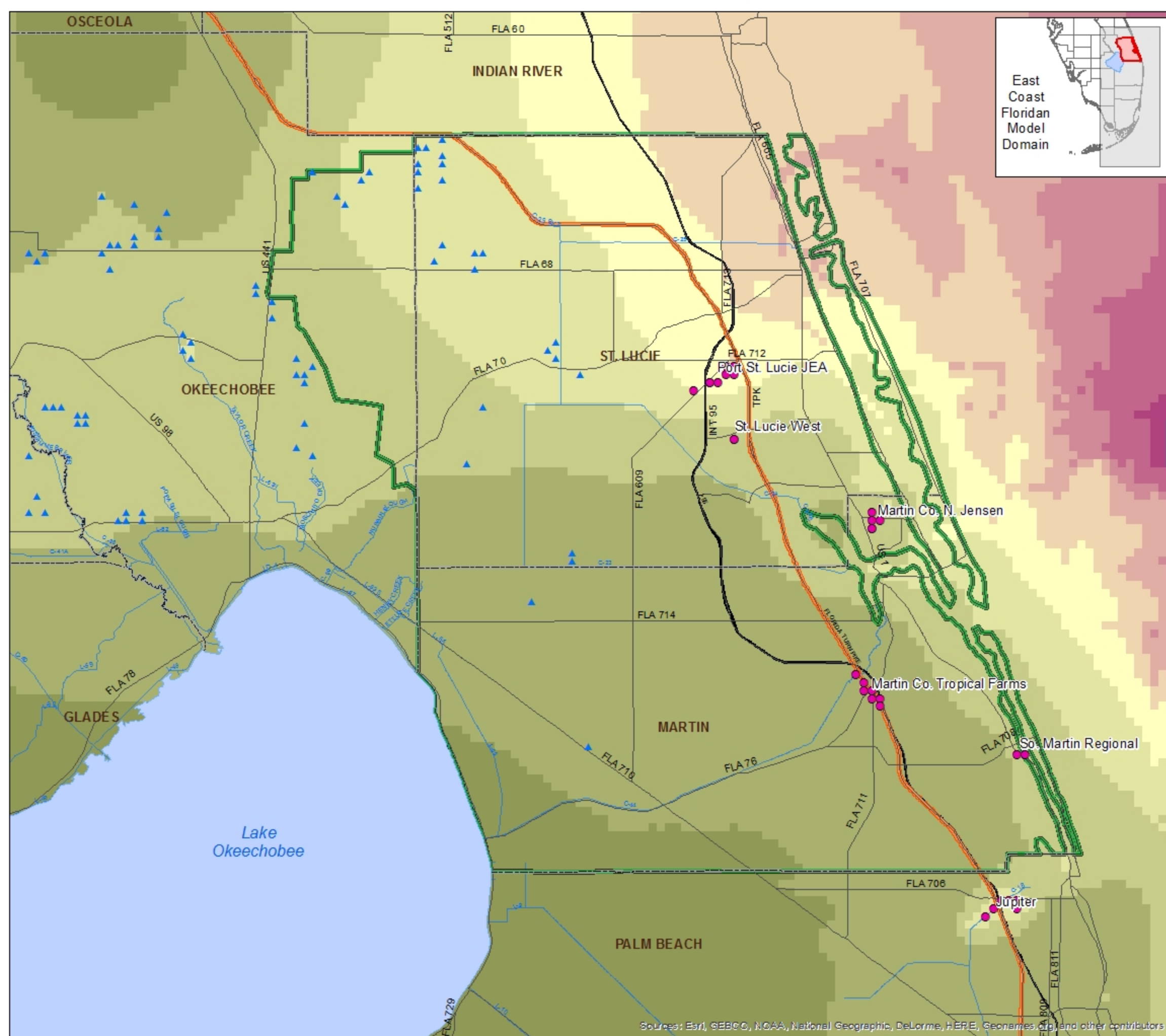
\* Only wells in Layer 3 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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**Floridan Aquifer System Modeling Results**

**Water Level Map  
2013 Model Run  
Avon Park Permeable Zone  
(Layer 3)**

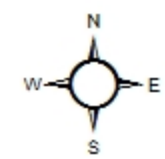
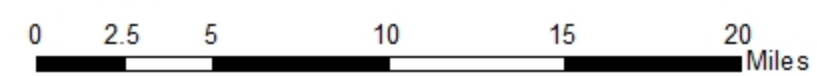
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) at the end of the 2013 model run (month 288)**

Feet, NGVD29

- < 5
- 5 to 10
- 10 to 15
- 15 to 20
- 20 to 25
- 25 to 30
- 30 to 35
- 35 to 40
- 40 to 45
- 45 to 50
- 50 to 55
- 55 to 60
- > 60

\* Only wells in Layer 3 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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Floridan Aquifer System Modeling Results

# Water Level Map

## 2040 Model Run

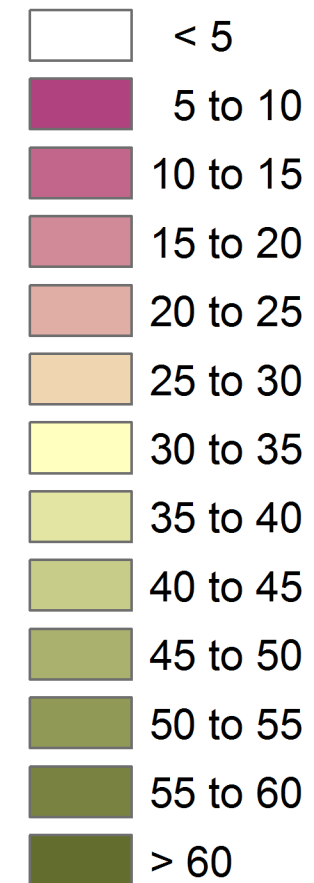
### Avon Park Permeable Zone (Layer 3)

- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*

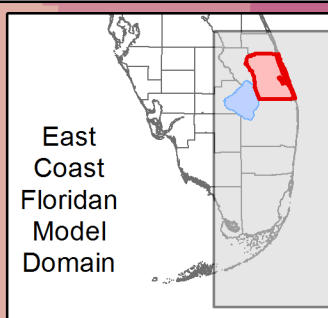
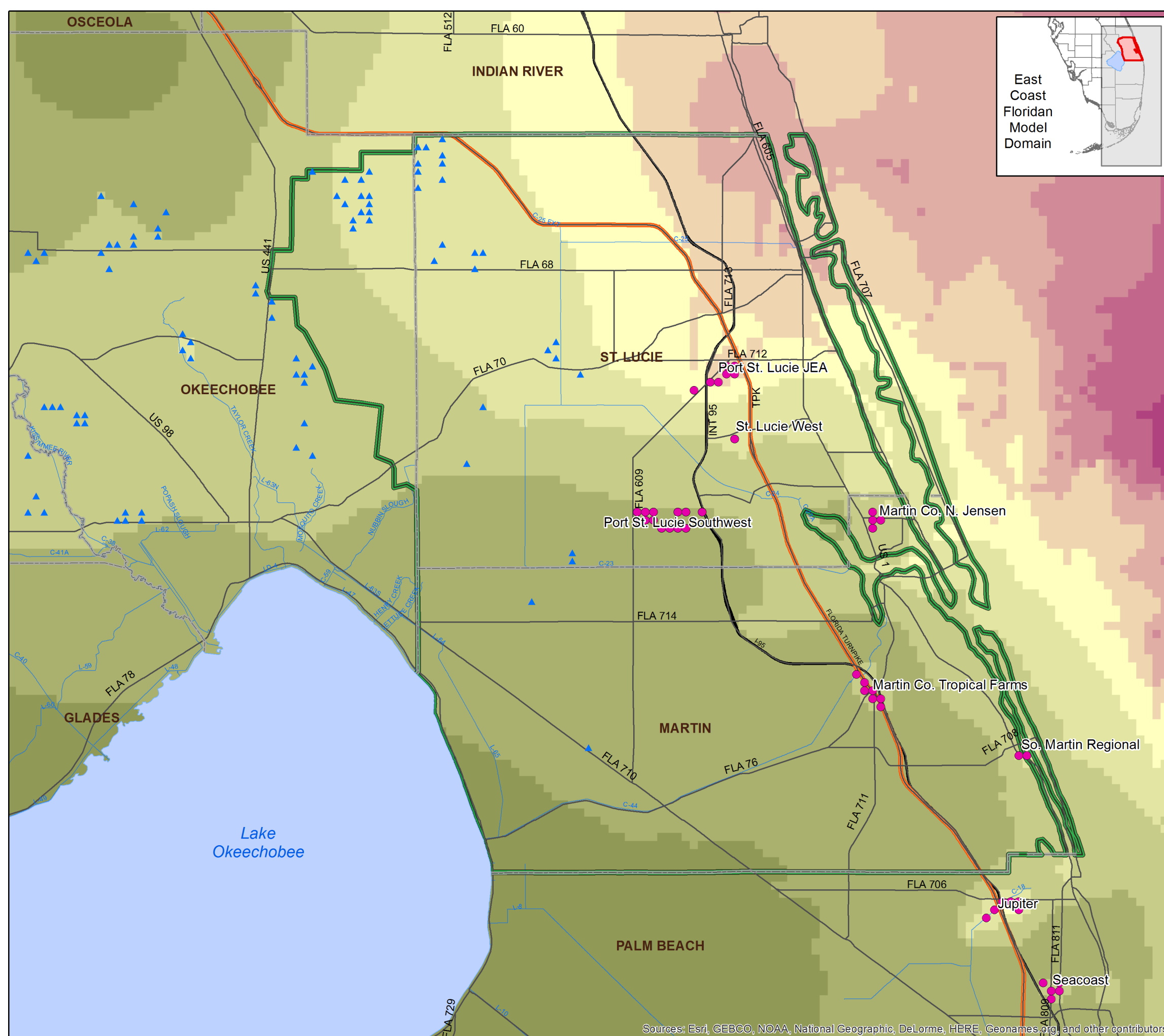
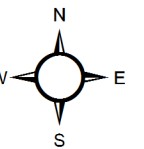
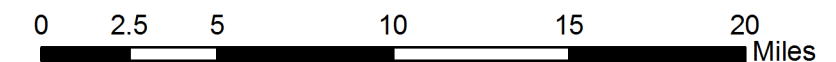
  UEC Planning Area

Water Level (potentiometric surface elevation) at the end of the 2040 model run (month 288)

Feet, NGVD29



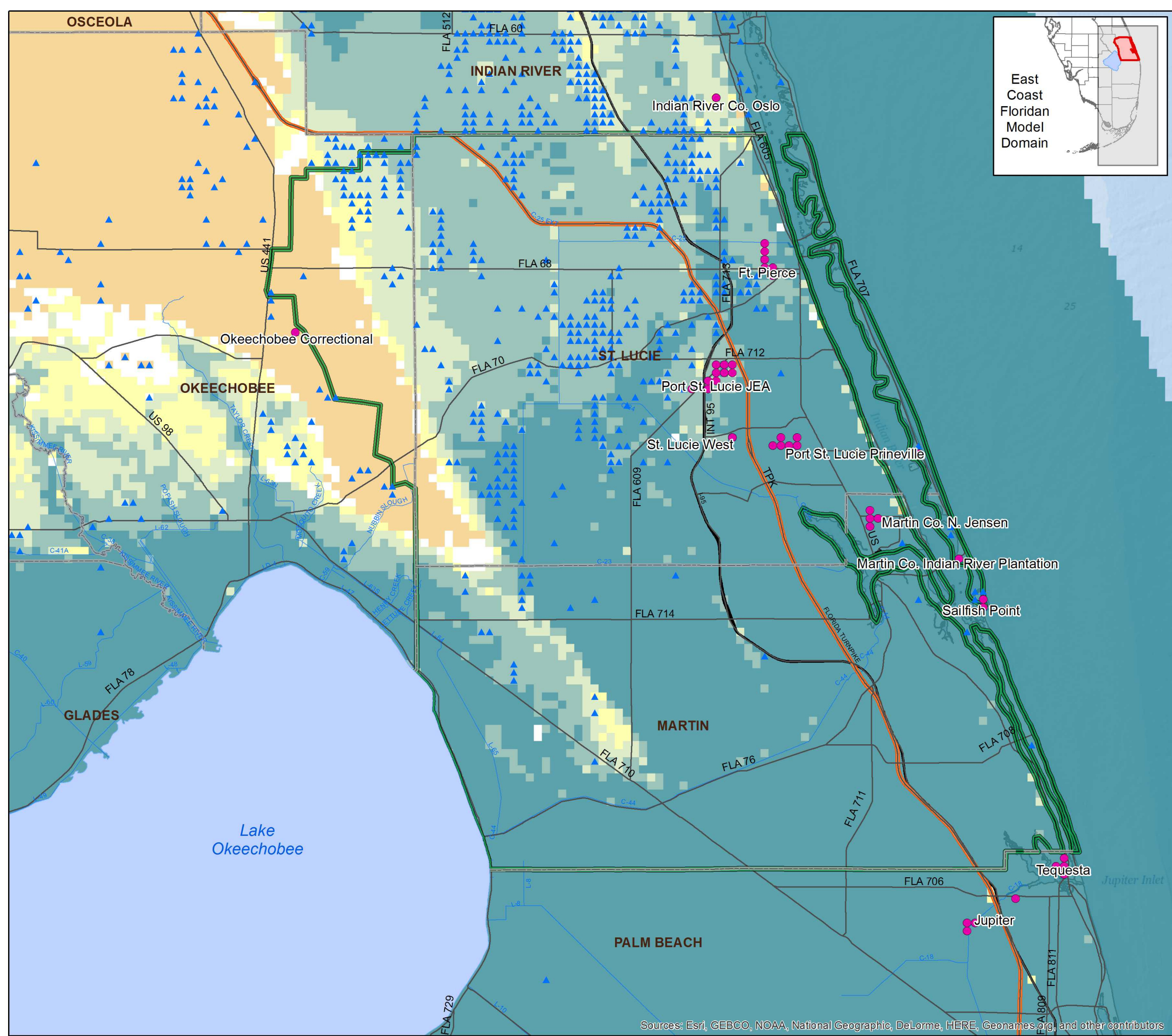
\* Only wells in Layer 3 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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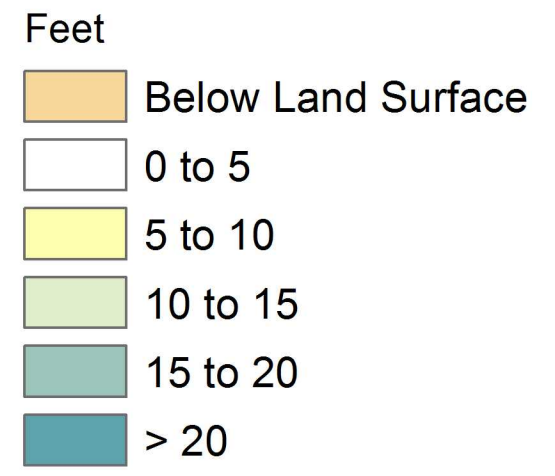




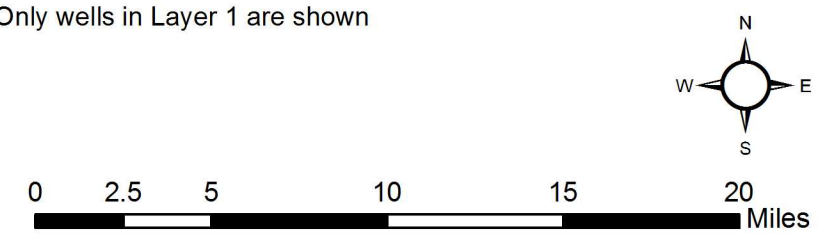
**Floridan Aquifer System Modeling Results**  
**Water Level Relative to Land Surface Elevation Map**  
**Initial Condition**  
**Upper Floridan Aquifer (Layer 1)**

- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) at the initial condition compared to land surface elevation**



\* Only wells in Layer 1 are shown



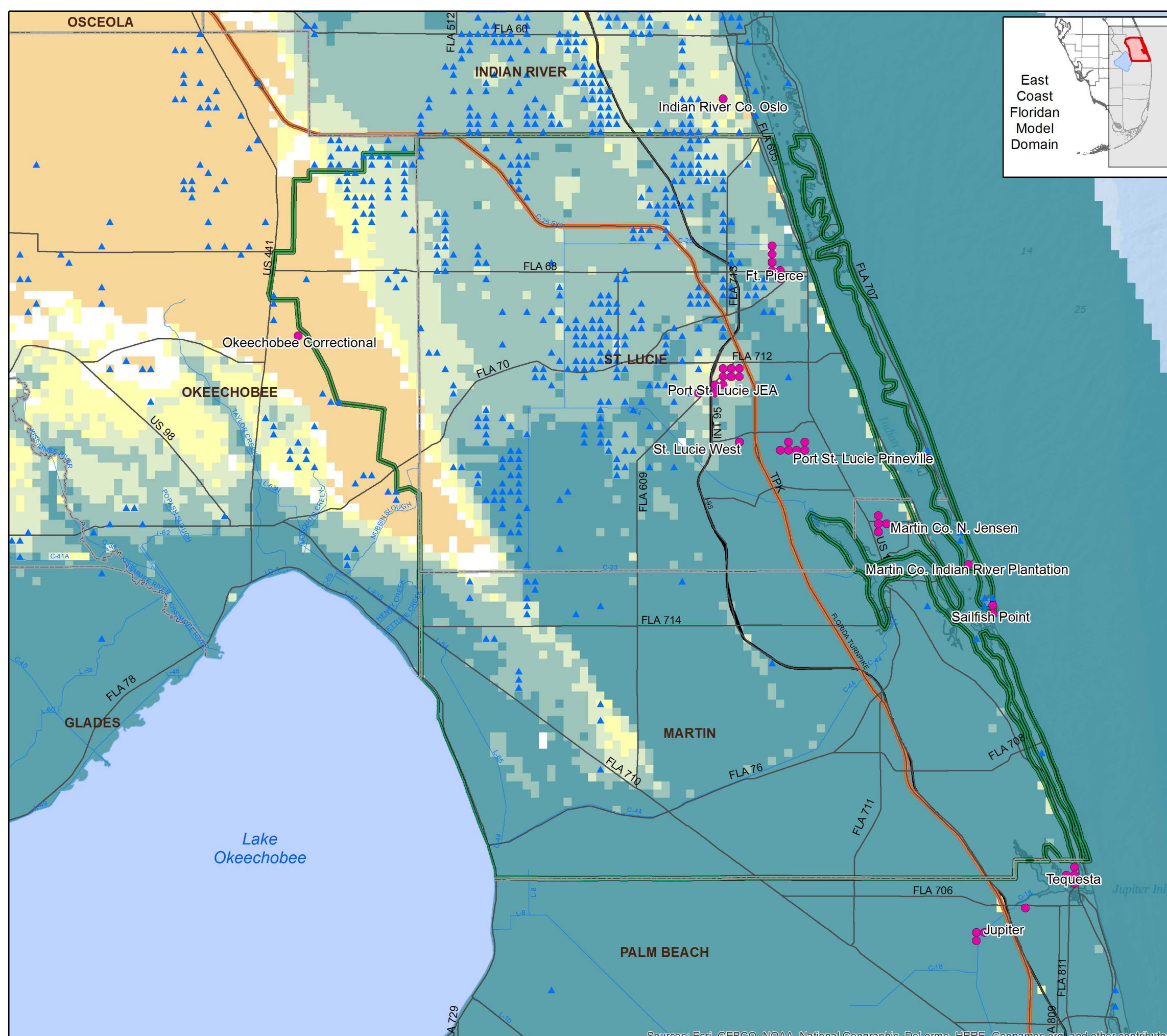
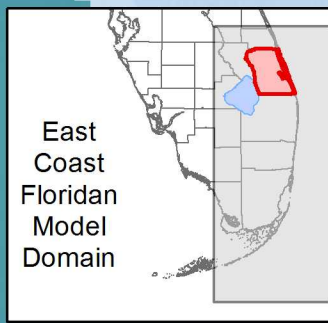
Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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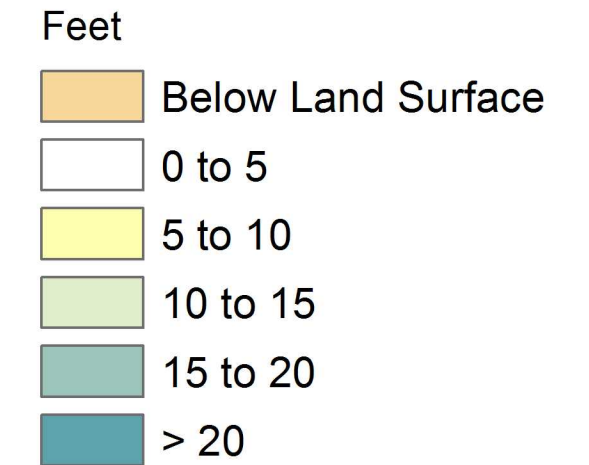
Floridan Aquifer System Modeling Results

**Water Level Relative to Land Surface Elevation Map**  
**2013 Model Run**  
**Upper Floridan Aquifer (Layer 1)**

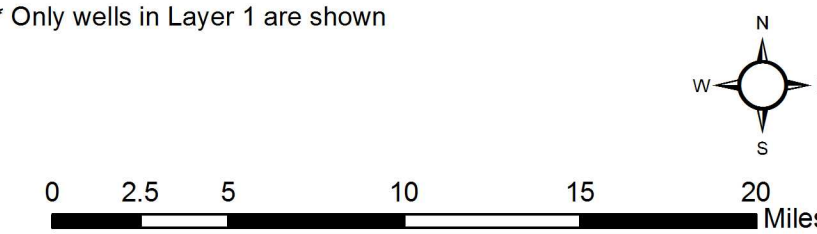


- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) at end of simulation (Month 288) compared to land surface elevation**



\* Only wells in Layer 1 are shown



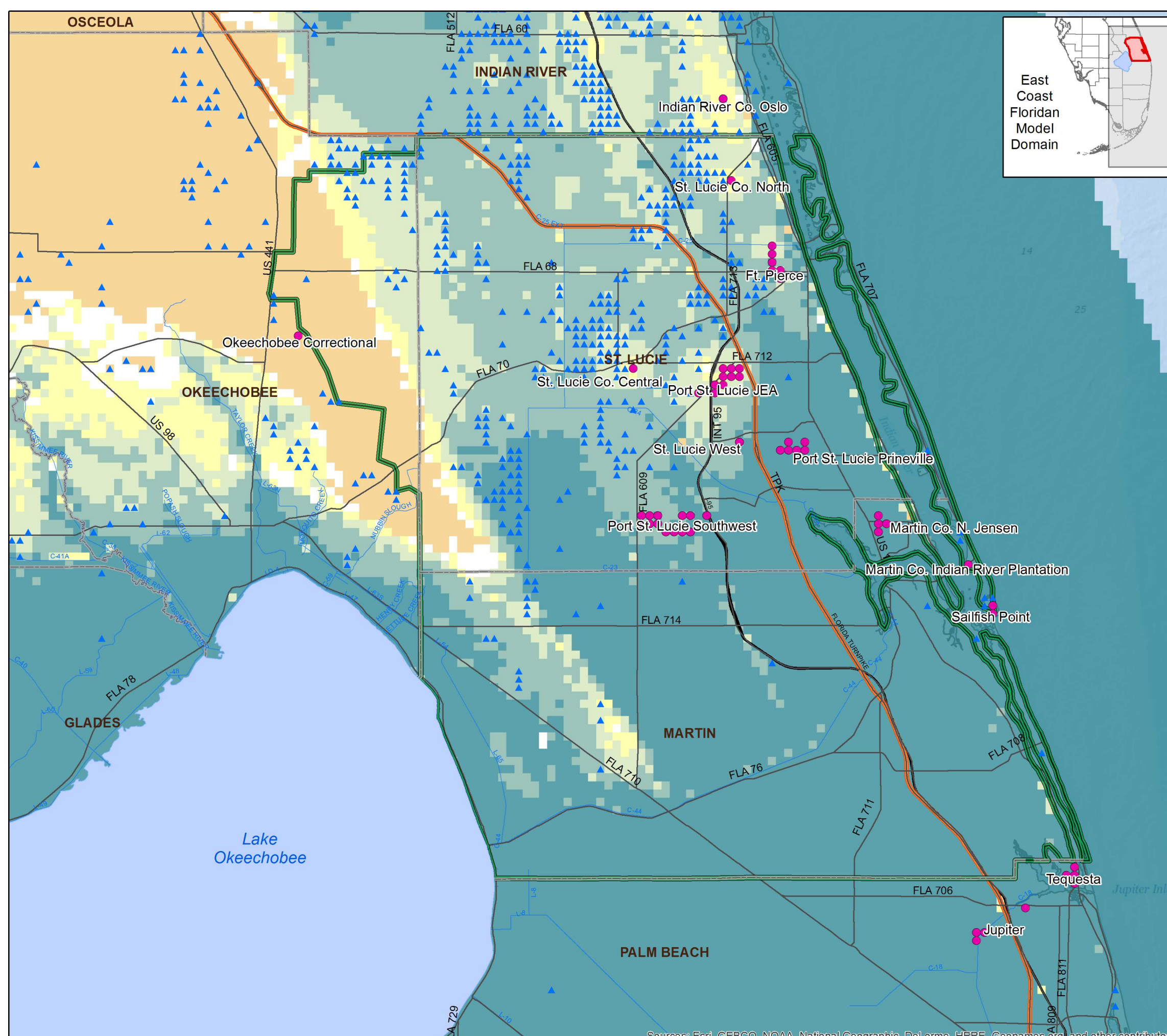
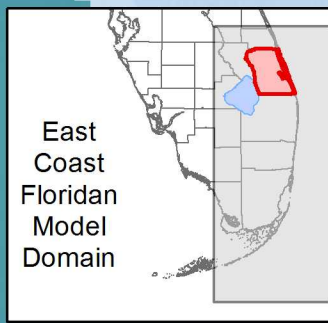
Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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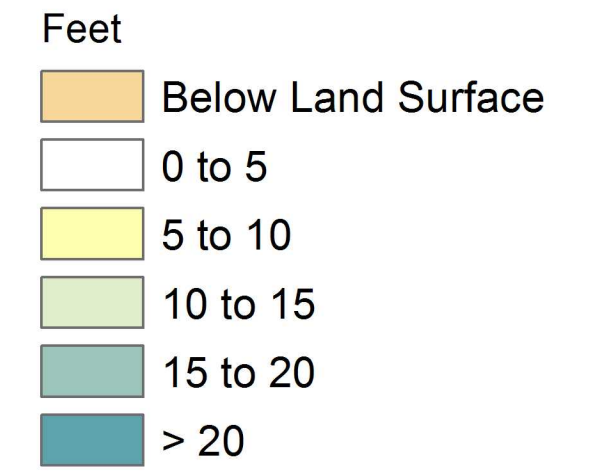
Floridan Aquifer System Modeling Results

**Water Level Relative to Land Surface Elevation Map**  
**2040 Model Run**  
**Upper Floridan Aquifer**  
**(Layer 1)**

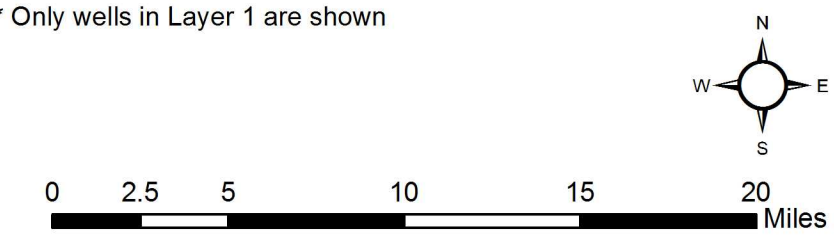


- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) at end of simulation (Month 288) compared to land surface elevation**



\* Only wells in Layer 1 are shown



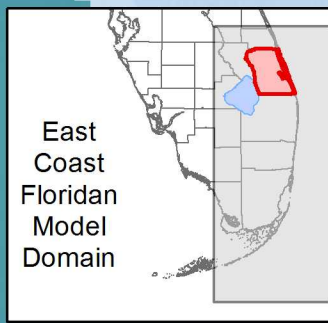
Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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Floridan Aquifer System Modeling Results

**Water Level Relative to Land Surface Elevation Map  
Initial Condition  
Avon Park Permeable Zone  
(Layer 3)**



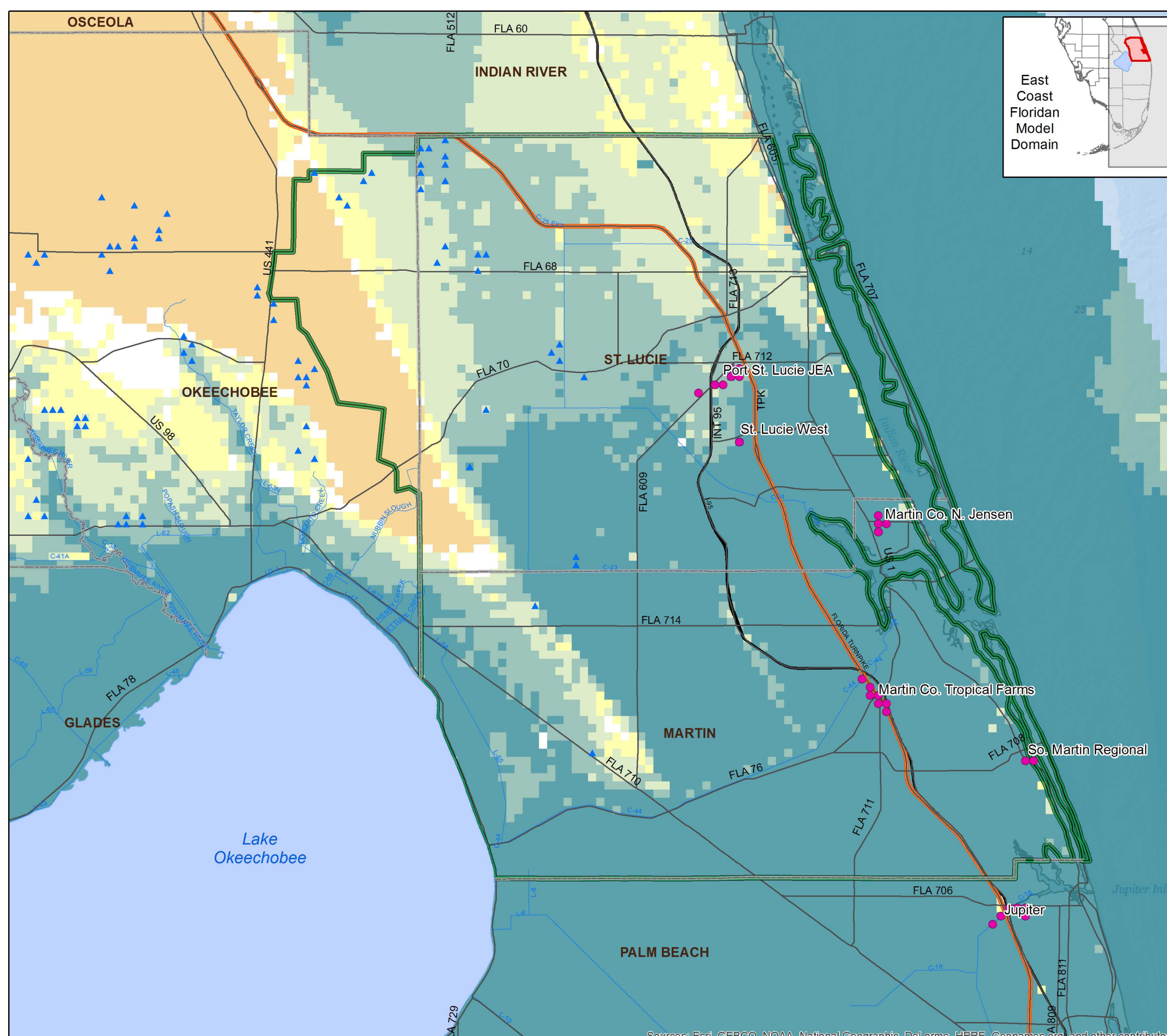
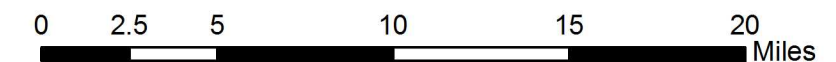
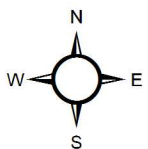
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) at the initial condition compared to land surface elevation**

Feet

- Below Land Surface
- 0 to 5
- 5 to 10
- 10 to 15
- 15 to 20
- > 20

\* Only wells in Layer 3 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

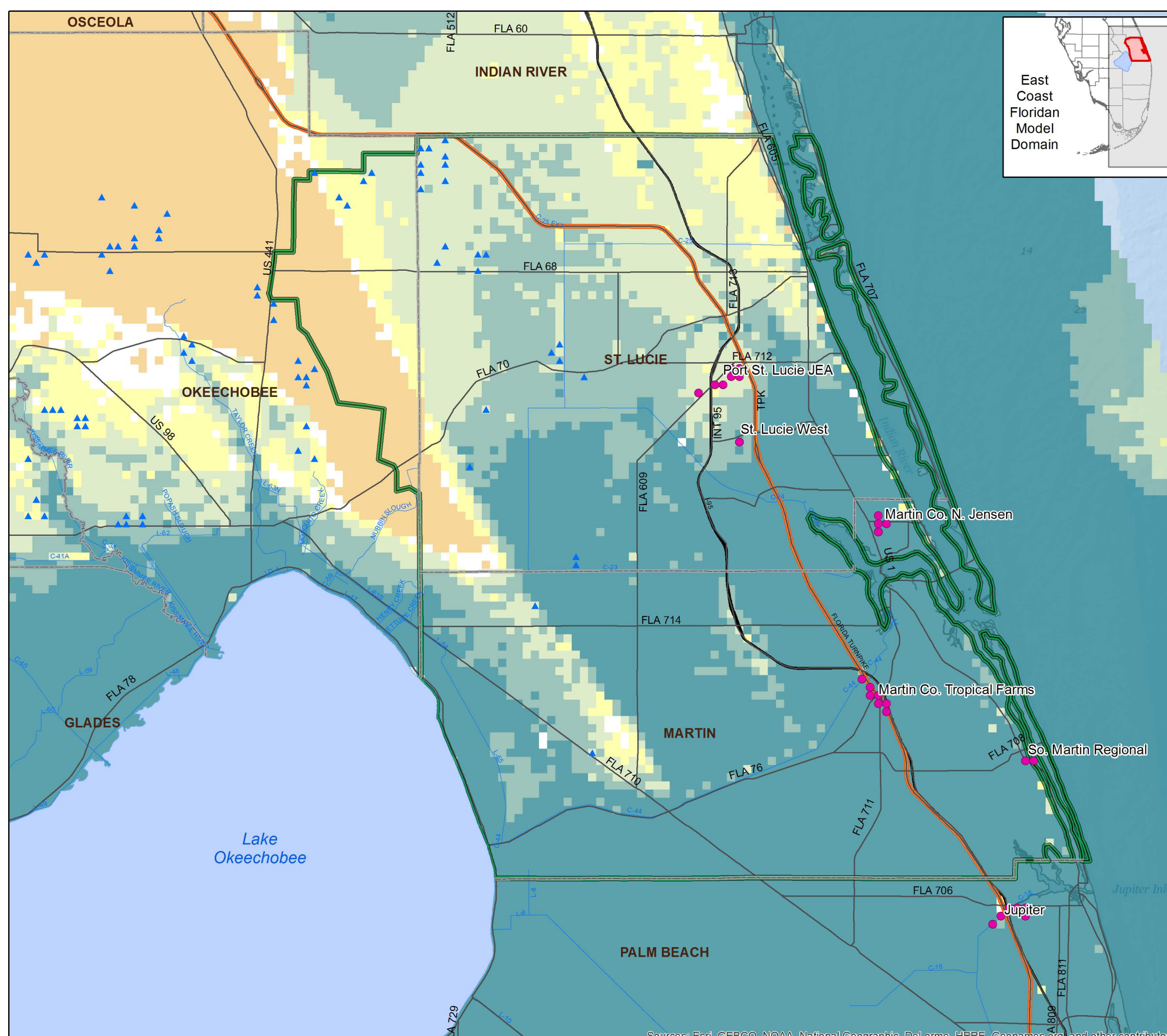
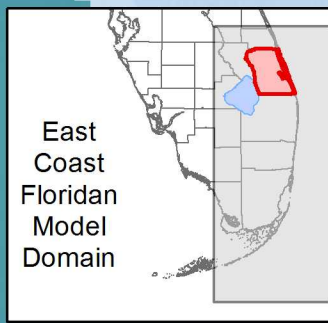
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# Water Level Relative to Land Surface Elevation Map

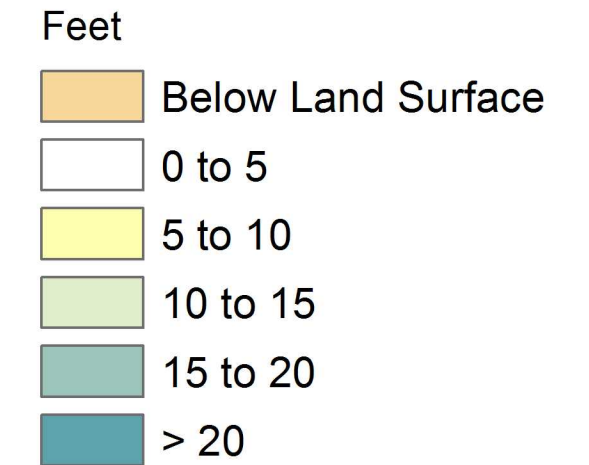
## 2013 Model Run

### Avon Park Permeable Zone (Layer 3)

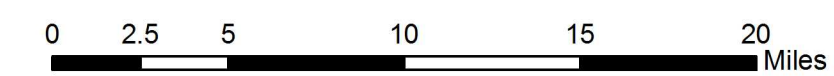
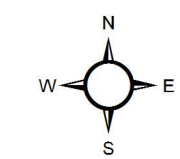


- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

Water Level (potentiometric surface elevation) at end of simulation (Month 288) compared to land surface elevation



\* Only wells in Layer 3 are shown



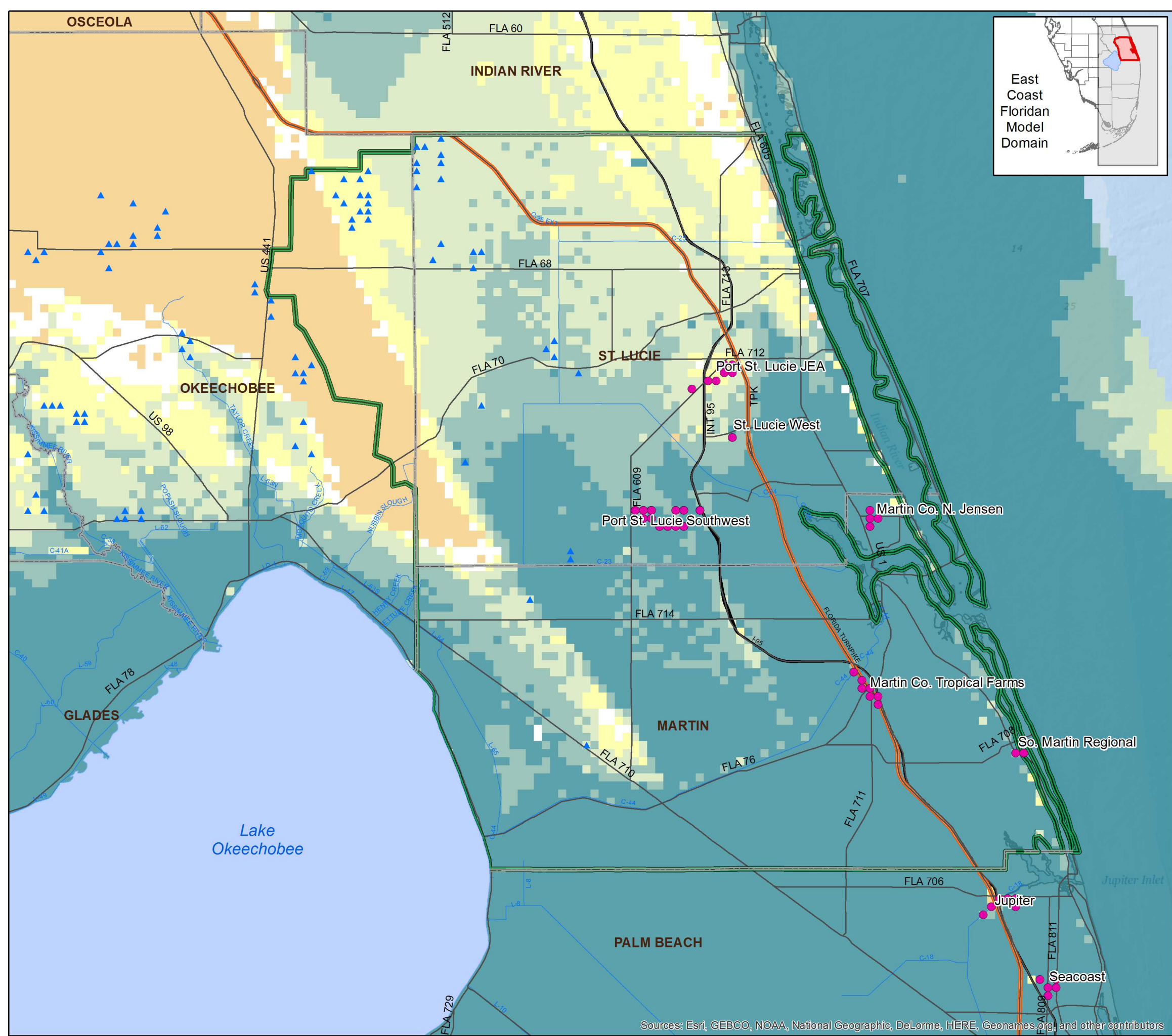
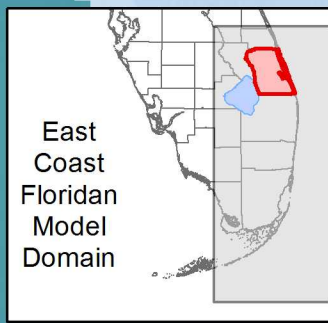
Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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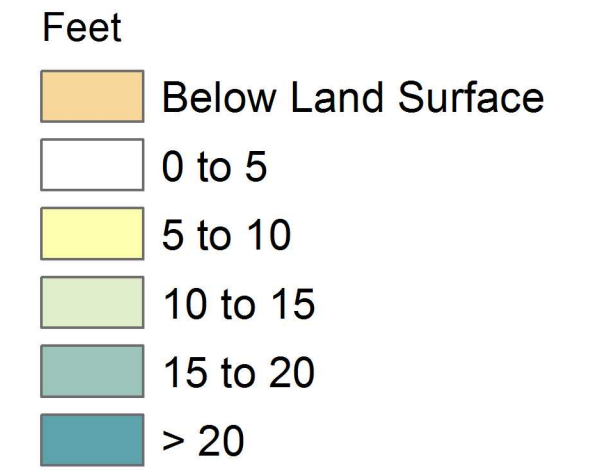
Floridan Aquifer System Modeling Results

**Water Level Relative to Land Surface Elevation Map**  
**2040 Model Run**  
**Avon Park Permeable Zone**  
**(Layer 3)**

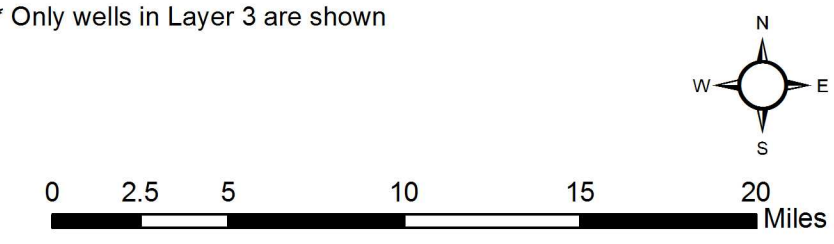


- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) at end of simulation (Month 288) compared to land surface elevation**



\* Only wells in Layer 3 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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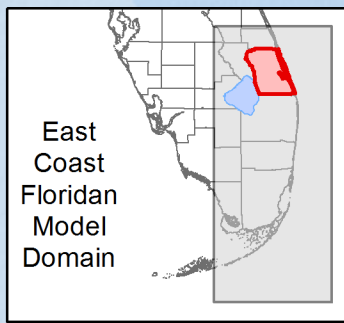


# Floridan Aquifer System Modeling Results

## Water Level Difference Map

### 2013 Model Run

#### Upper Floridan Aquifer (Layer 1)



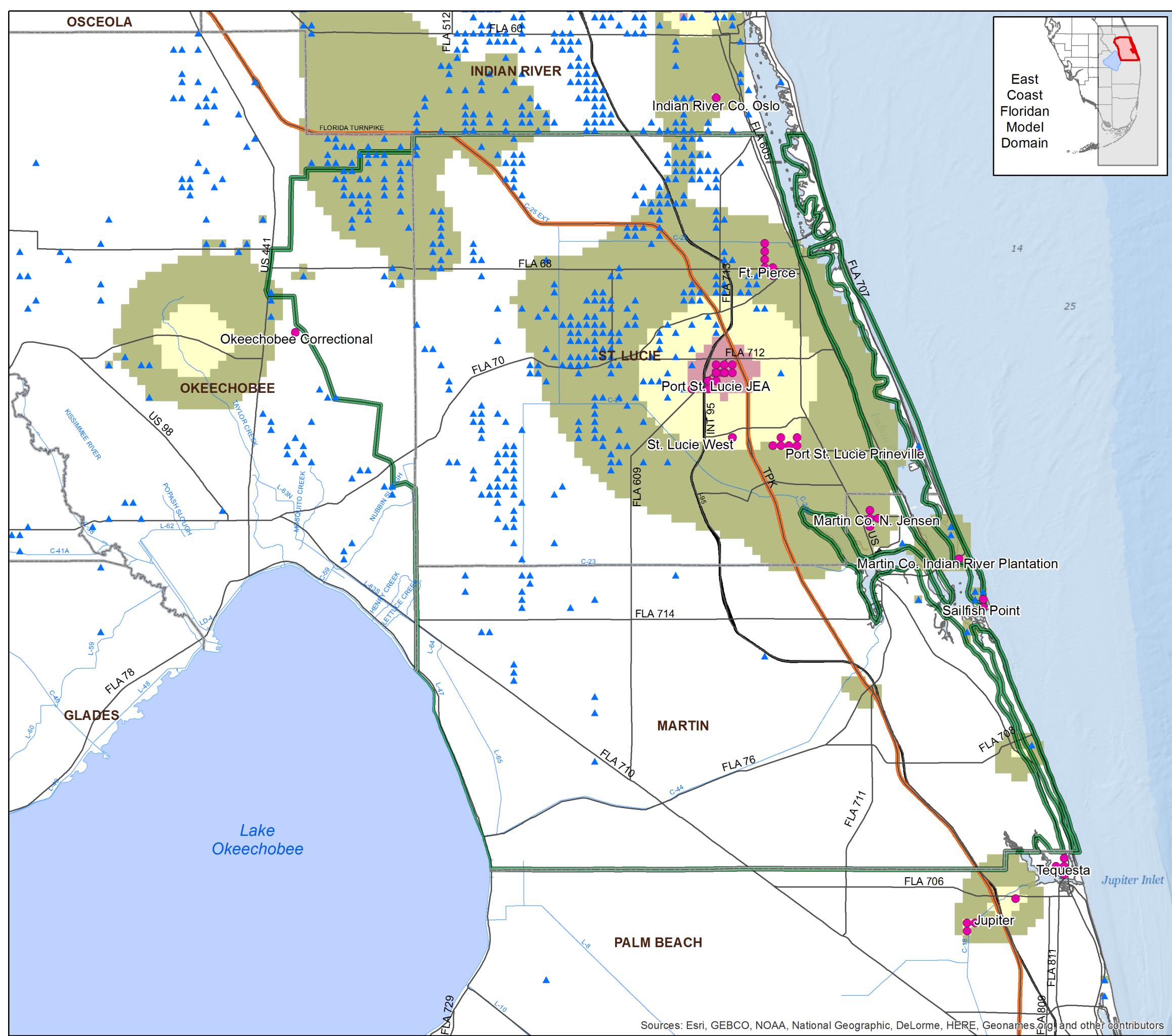
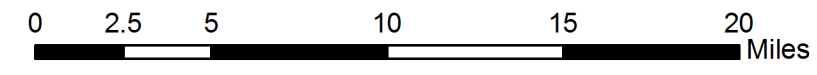
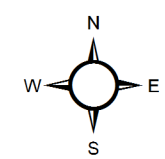
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

The change in Water Level (potentiometric surface elevation) at end of the 2013 simulation (month 288) when compared to the Initial Condition

Feet

	-12.00 to -5.00
	-5.00 to -2.50
	-2.50 to -1.00
	-1.00 to -0.50
	-0.50 to 0.00

\* Only wells in Layer 1 are shown

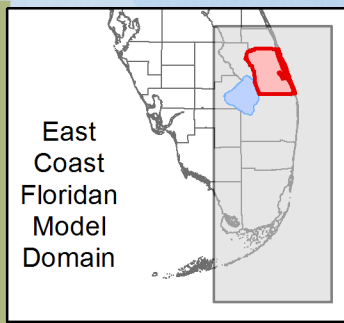


Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org and other contributors

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Floridan Aquifer System Modeling Results  
**Water Level Difference Map**  
 2040 Model Run  
 Upper Floridan Aquifer  
 (Layer 1)



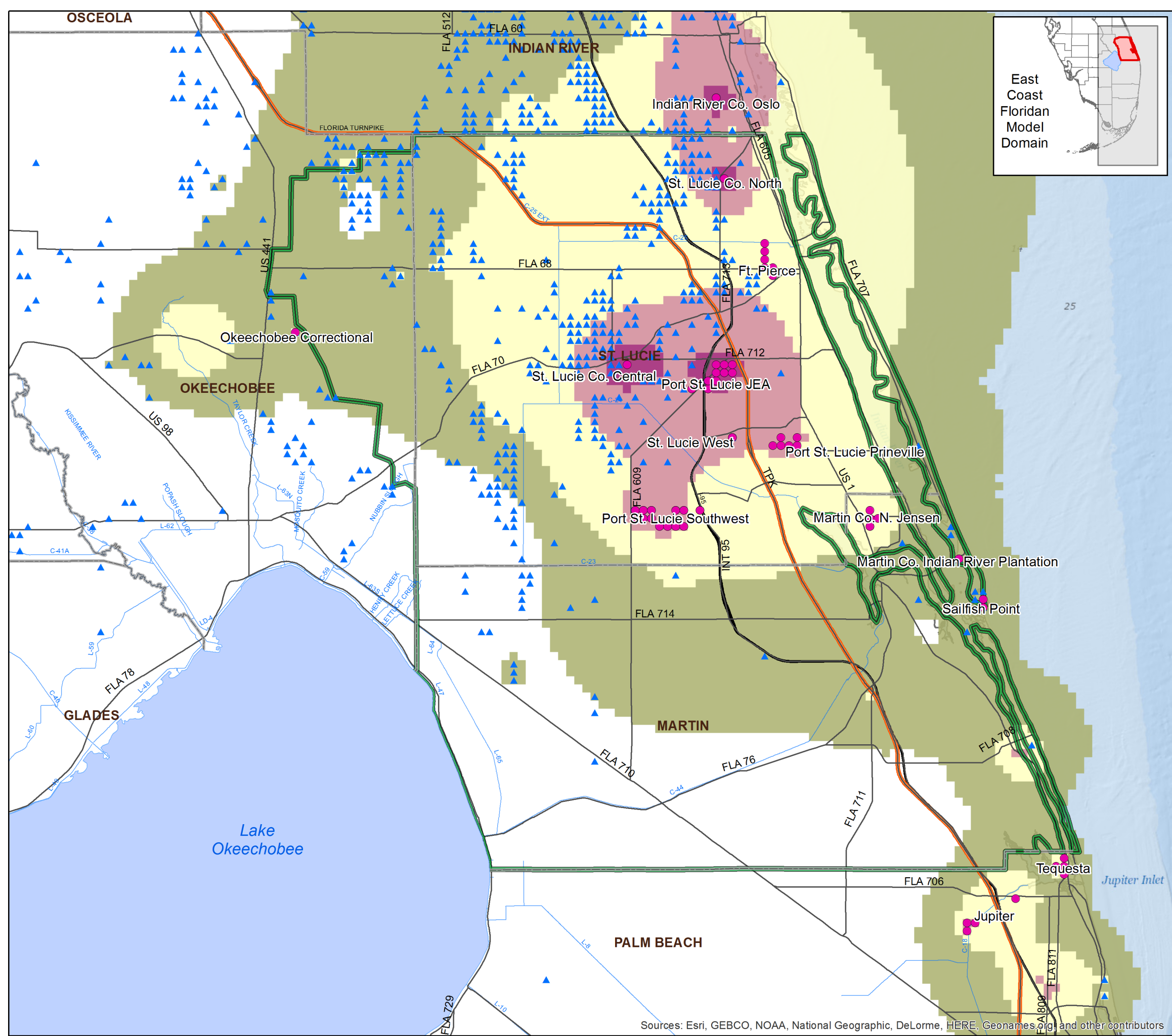
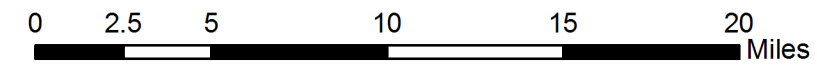
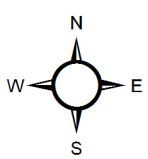
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

The change in Water Level (potentiometric surface elevation) at end of the 2040 simulation (month 288) when compared to the Initial Condition

Feet

	-12.00 to -5.00
	-5.00 to -2.50
	-2.50 to -1.00
	-1.00 to -0.50
	-0.50 to 0.00

\* Only wells in Layer 1 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org and other contributors

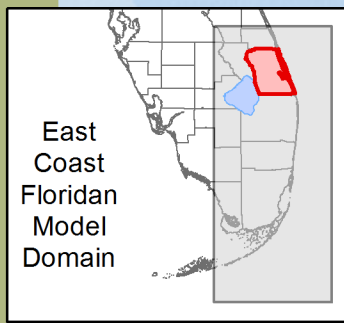
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# Floridan Aquifer System Modeling Results

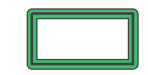
## Water Level Difference Map

### 2040 Model Run

#### Upper Floridan Aquifer (Layer 1)



- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*

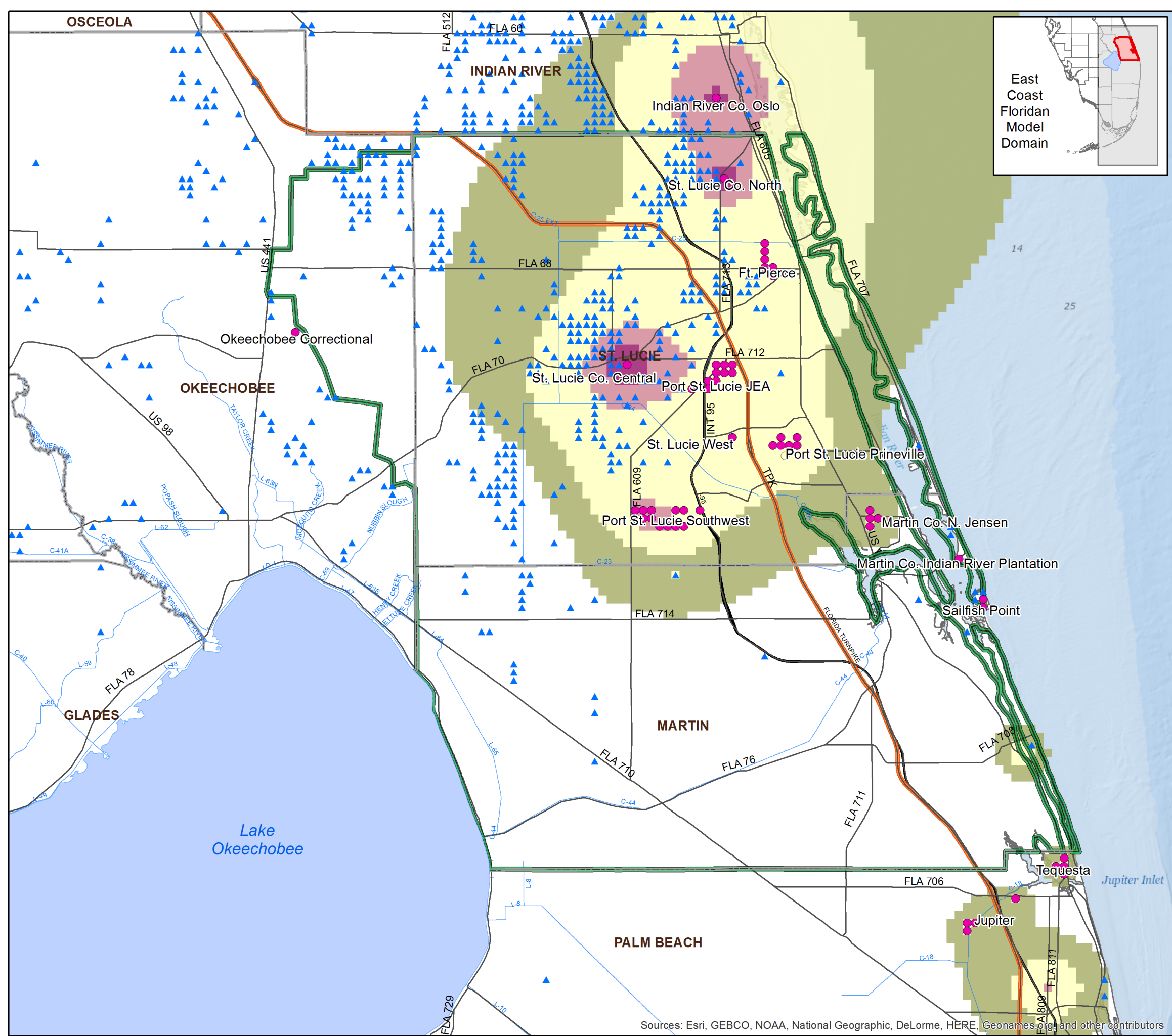
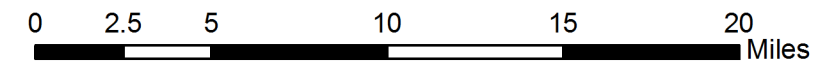
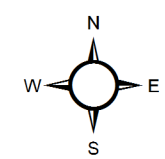


The change in Water Level (potentiometric surface elevation) at end of the 2040 simulation (month 288) when compared to the 2013 model run

Feet

	-12.00 to -5.00
	-5.00 to -2.50
	-2.50 to -1.00
	-1.00 to -0.50
	-0.50 to 0.00

\* Only wells in Layer 1 are shown

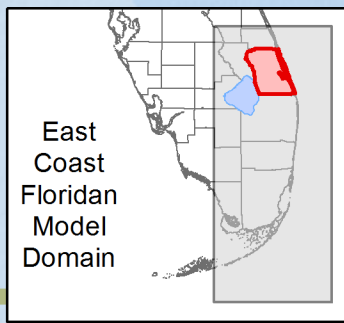


Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org and other contributors

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Floridan Aquifer System Modeling Results  
**Water Level Difference Map**  
**2013 Model Run**  
**Avon Park Permeable Zone**  
**(Layer 3)**



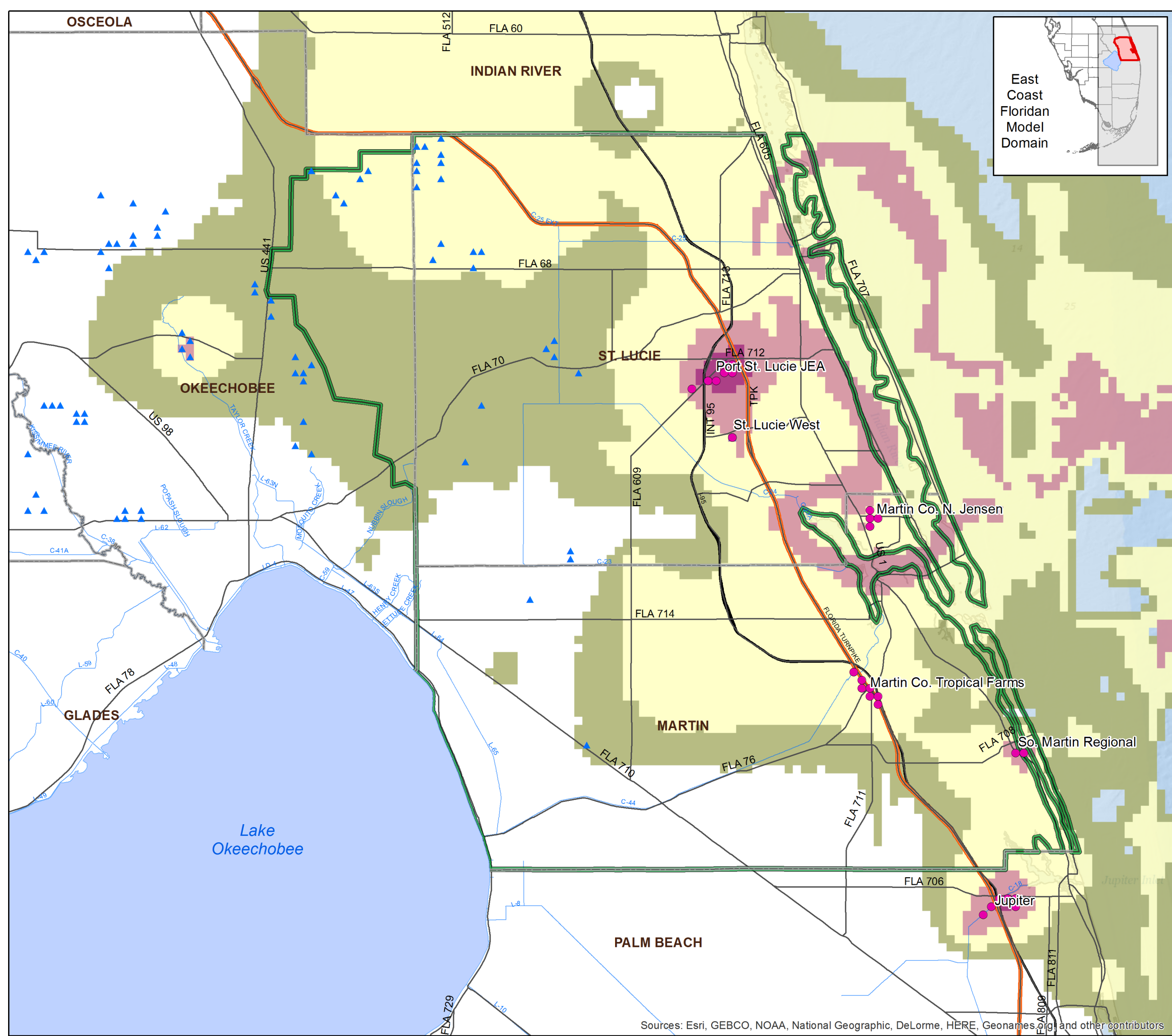
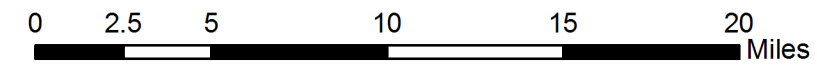
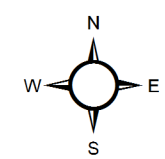
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

The change in Water Level (potentiometric surface elevation) at end of the 2013 simulation (month 288) when compared to the Initial Condition

Feet

	-12.00 to -5.00
	-5.00 to -2.50
	-2.50 to -1.00
	-1.00 to -0.50
	-0.50 to 0.00

\* Only wells in Layer 3 are shown

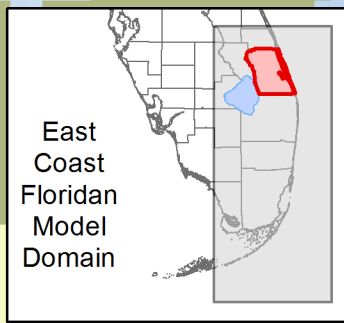


Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org and other contributors

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Floridan Aquifer System Modeling Results  
**Water Level Difference Map**  
 2040 Model Run  
 Avon Park Permeable Zone  
 (Layer 3)



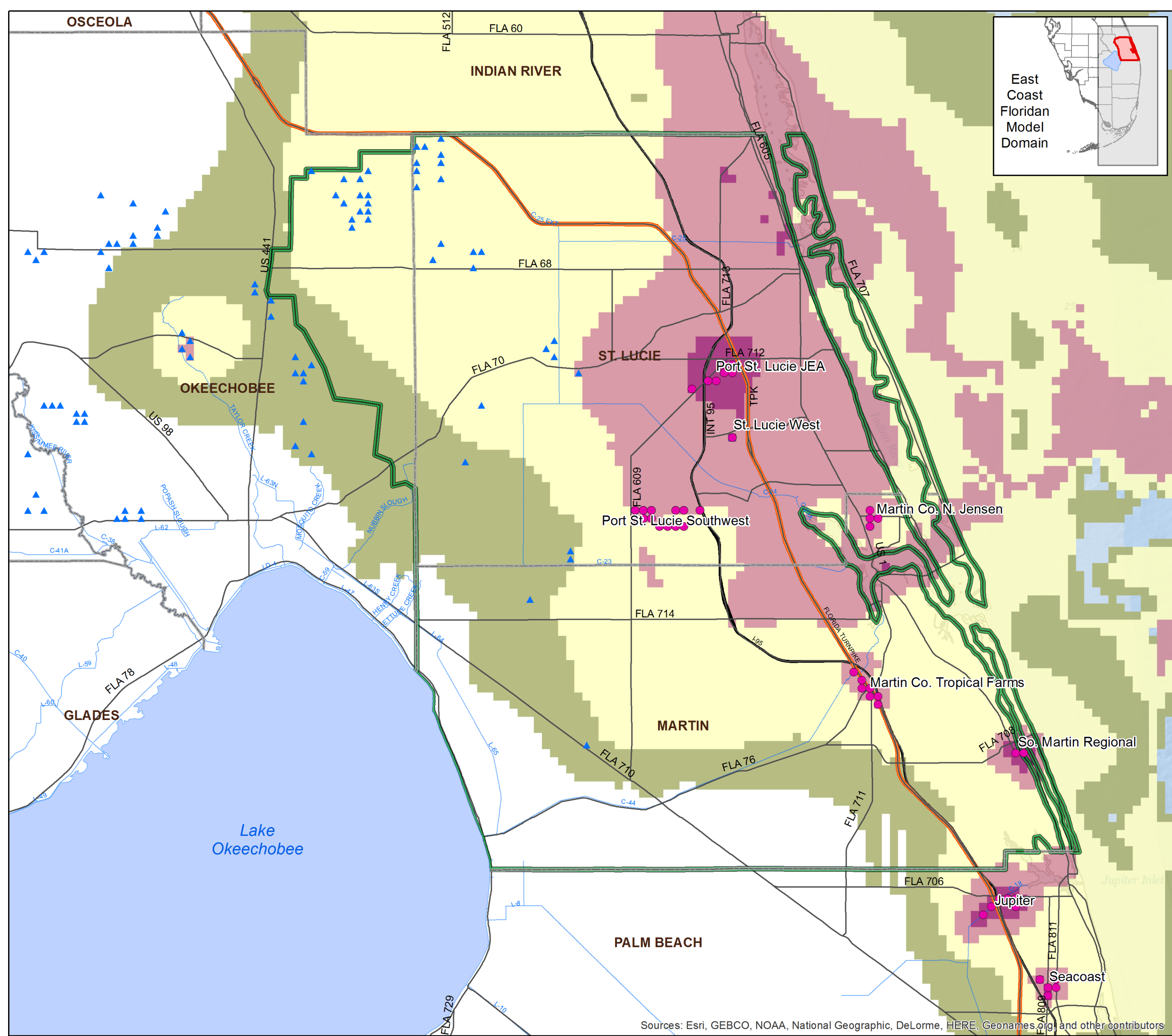
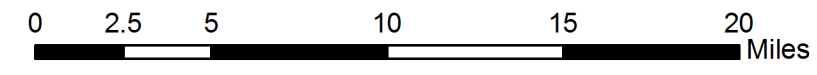
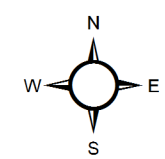
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

The change in Water Level (potentiometric surface elevation) at end of the 2040 simulation (month 288) when compared to the Initial Condition

Feet

	-12.00 to -5.00
	-5.00 to -2.50
	-2.50 to -1.00
	-1.00 to -0.50
	-0.50 to 0.00

\* Only wells in Layer 3 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org and other contributors

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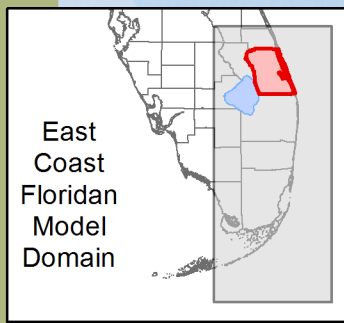
# Floridan Aquifer System Modeling Results

## Water Level Difference Map

### 2040 Model Run

### Avon Park Permeable Zone

### (Layer 3)



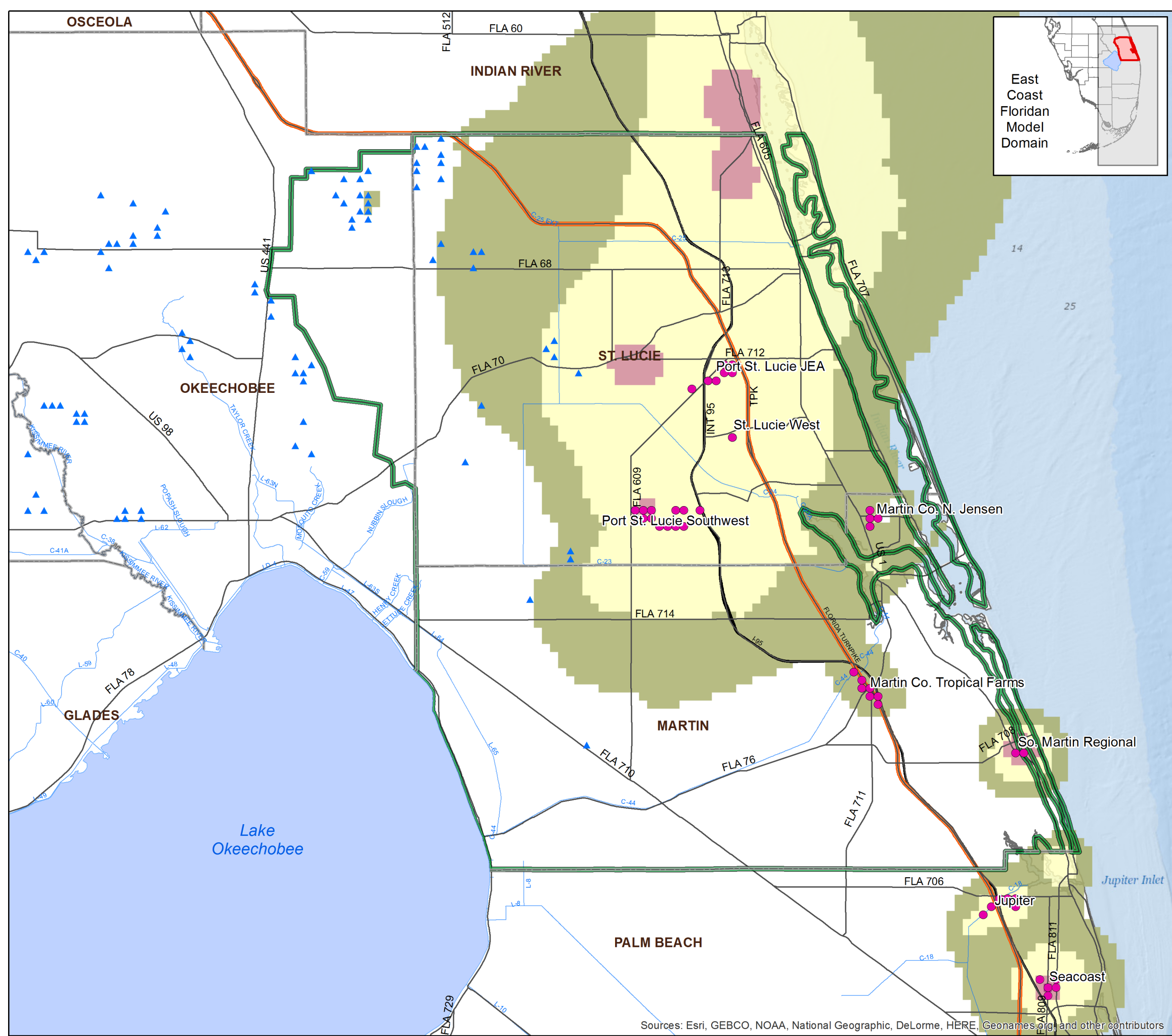
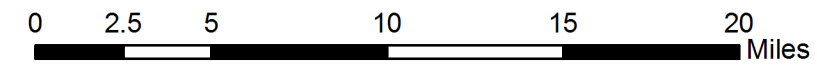
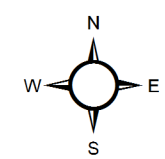
- Public Water Supply Wells \*
- ▲ Public Water Supply Wells \*
- UEC Planning Area

The change in Water Level (potentiometric surface elevation) at end of the 2040 simulation (month 288) when compared to the 2013 model run

Feet

	-12.00 to -5.00
	-5.00 to -2.50
	-2.50 to -1.00
	-1.00 to -0.50
	-0.50 to 0.00

\* Only wells in Layer 3 are shown



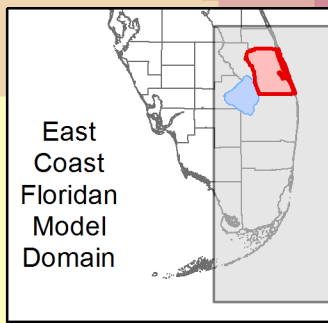
Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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# Water Level Map

## 2013 Model Run

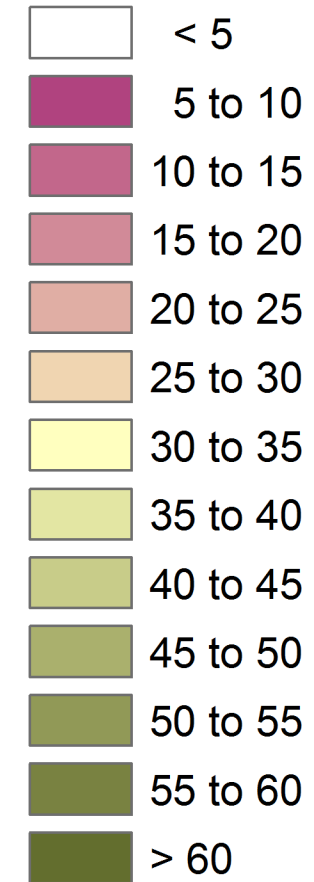
### Upper Floridan Aquifer (Layer 1)



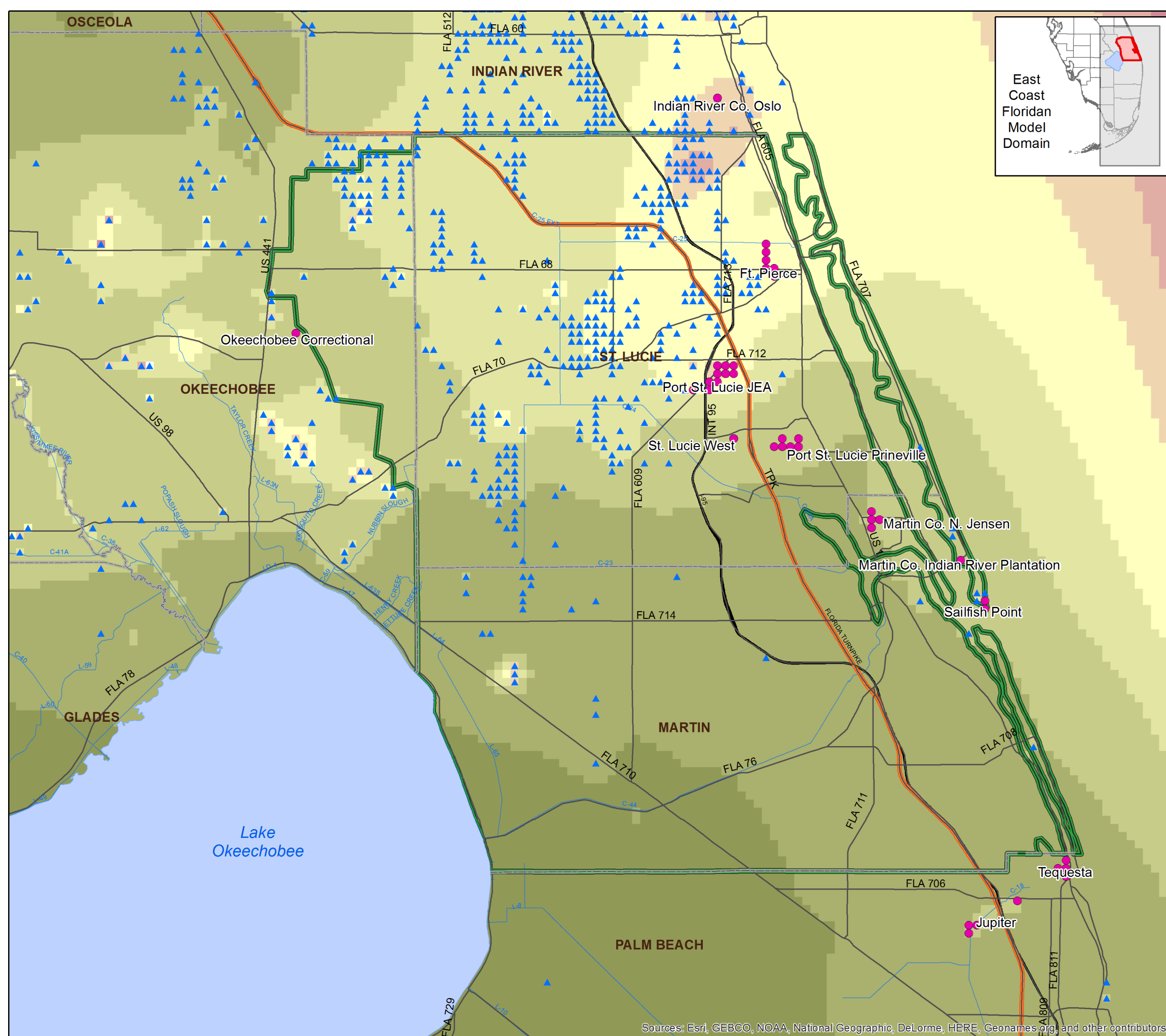
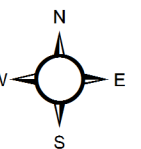
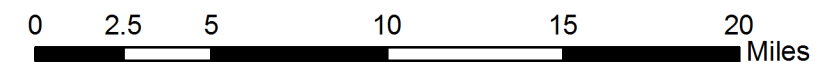
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) in a 1 in 10 year rainfall deficit condition during the 2013 model run (month 220)**

Feet, NGVD29



\* Only wells in Layer 1 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

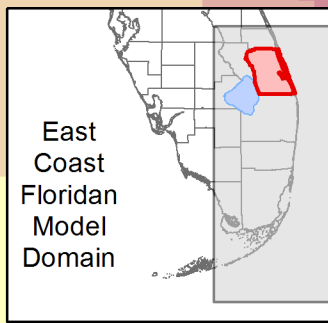
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# Water Level Map

## 2040 Model Run

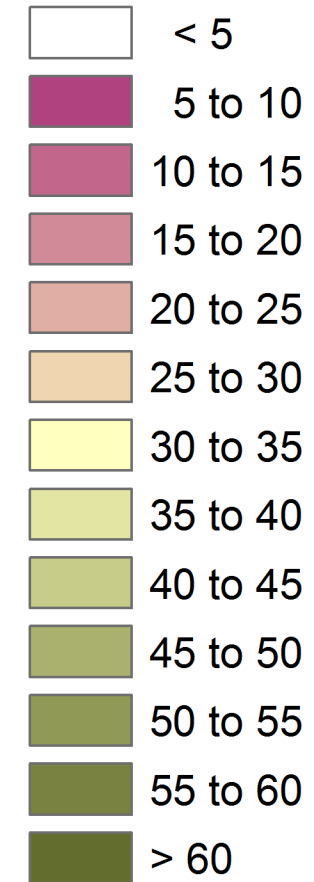
### Upper Floridan Aquifer (Layer 1)



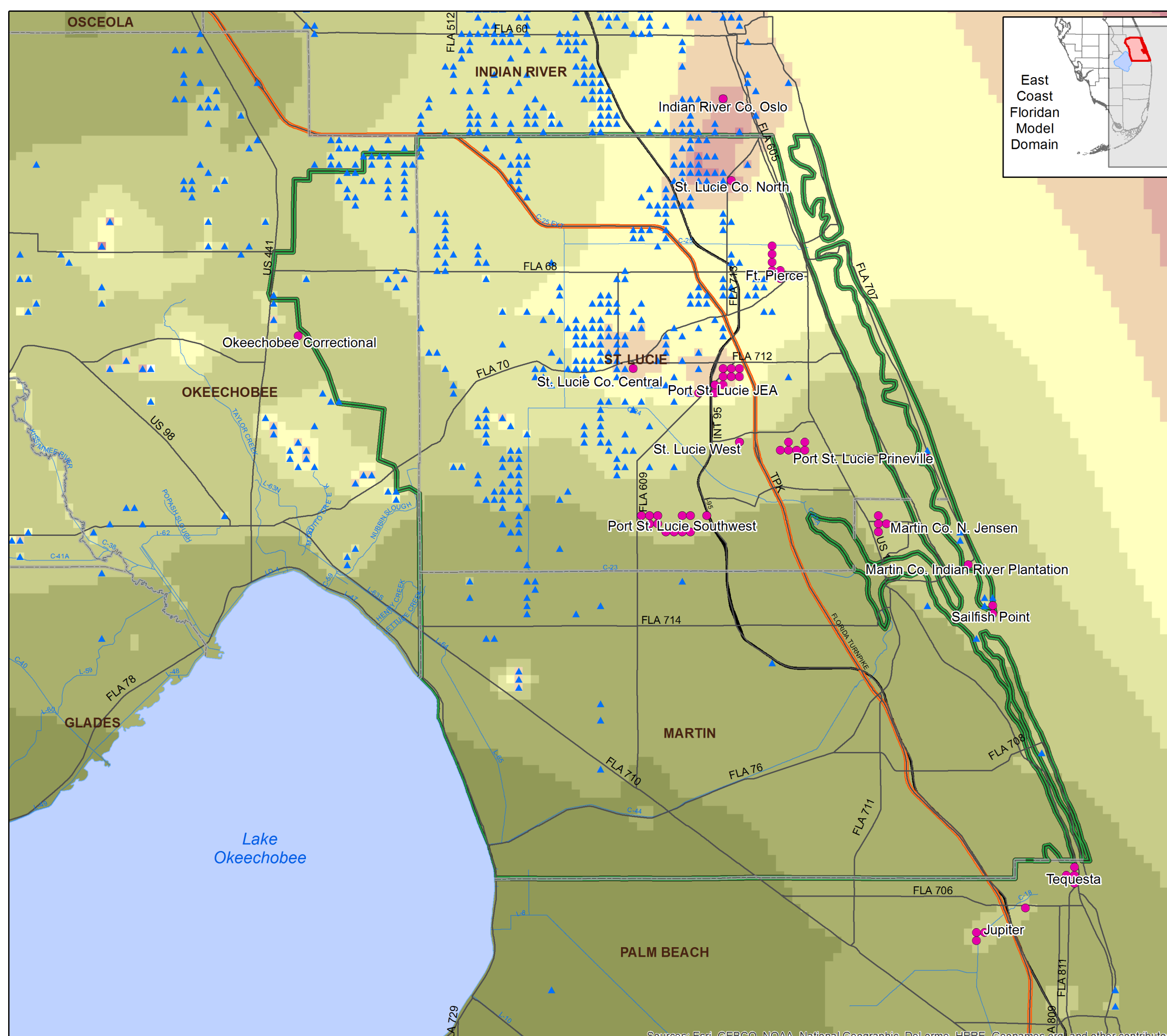
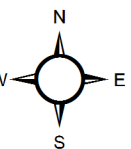
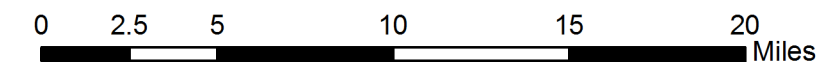
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) in a 1 in 10 year rainfall deficit condition during the 2040 model run (month 220)**

Feet, NGVD29



\* Only wells in Layer 1 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

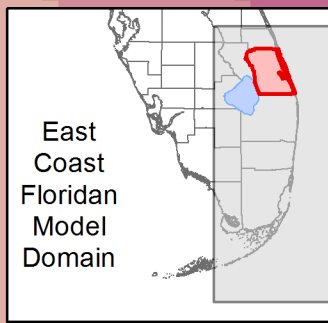
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Floridan Aquifer System Modeling Results

# Water Level Map

## 2013 Model Run

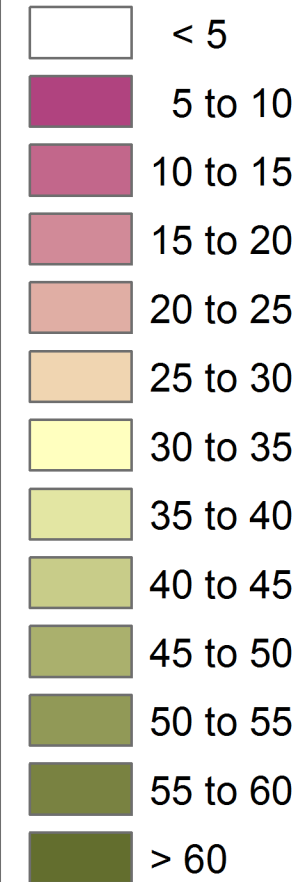
### Avon Park Permeable Zone (Layer 3)



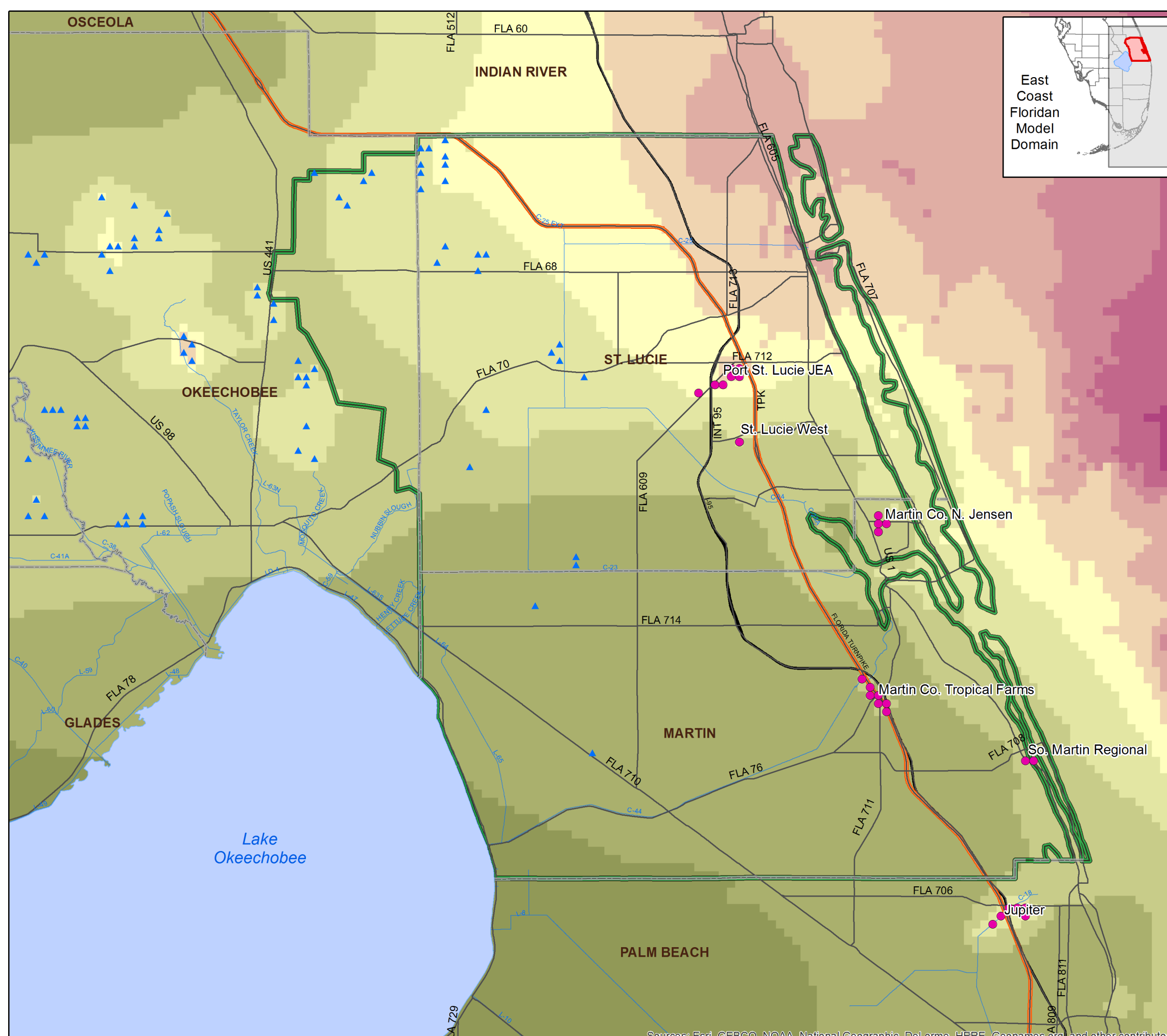
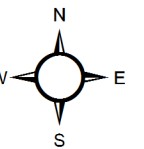
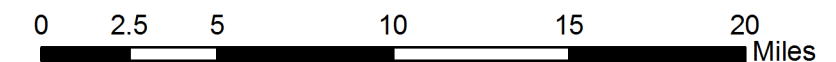
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

Water Level (potentiometric surface elevation) in a 1 in 10 year rainfall deficit condition during the 2013 model run (month 220)

Feet, NGVD29



\* Only wells in Layer 3 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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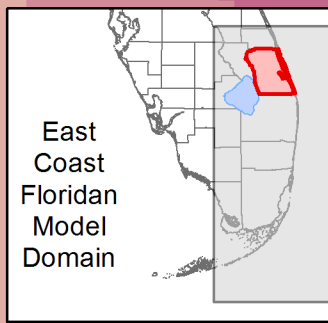


Floridan Aquifer System Modeling Results

# Water Level Map

## 2040 Model Run

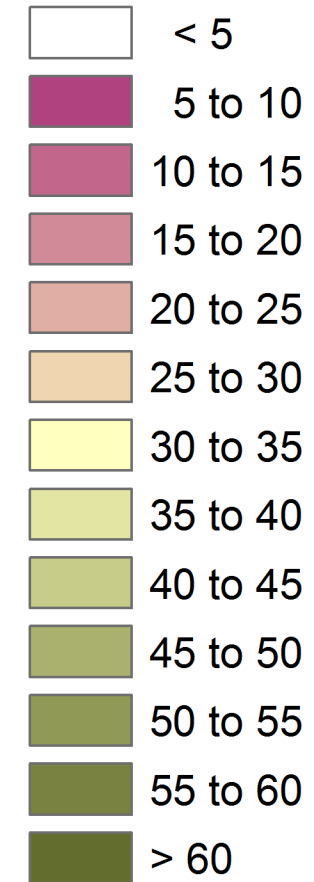
### Avon Park Permeable Zone (Layer 3)



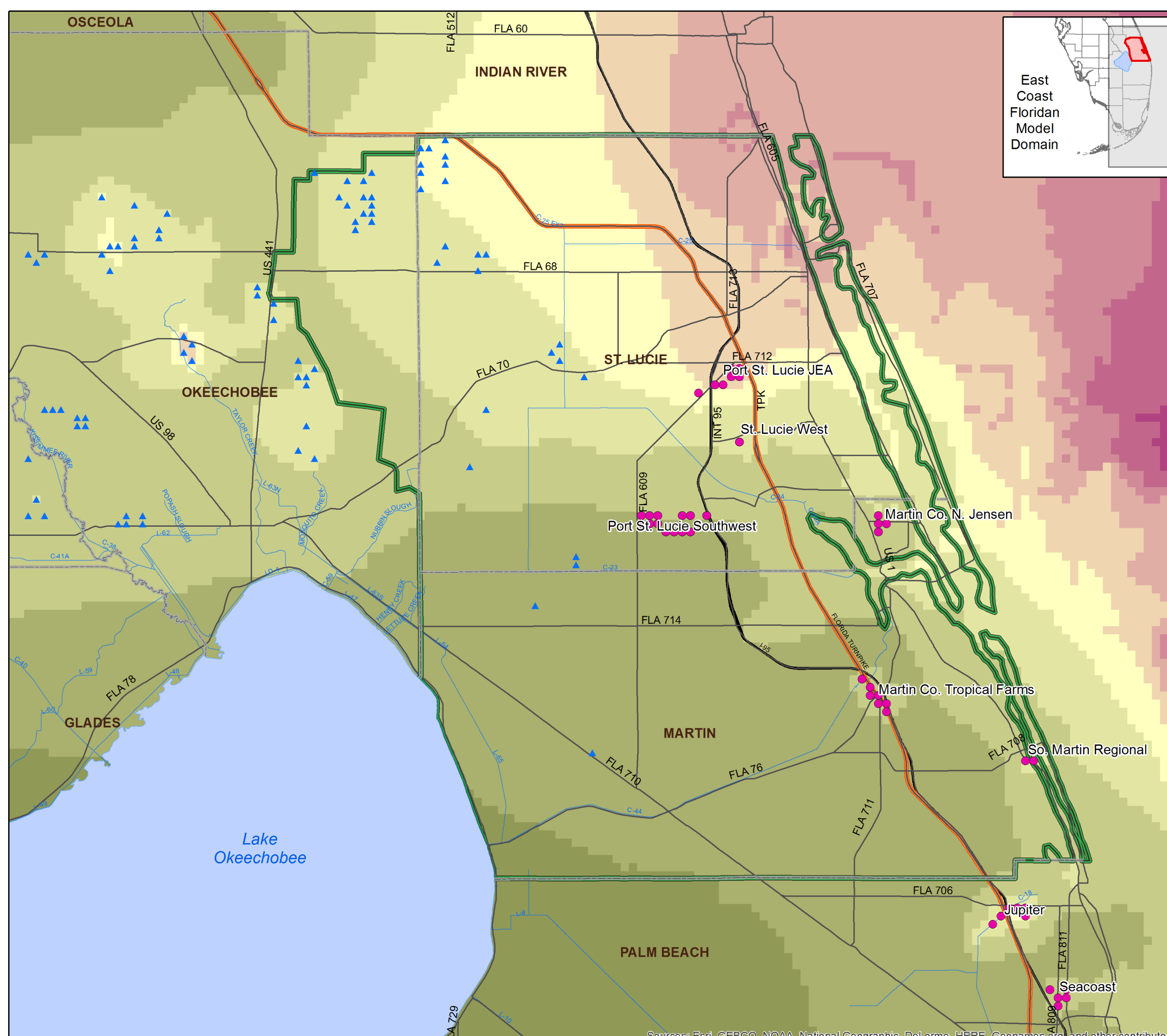
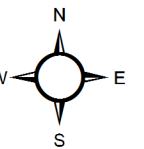
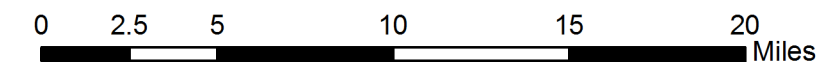
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

Water Level (potentiometric surface elevation) in a 1 in 10 year rainfall deficit condition during the 2040 model run (month 220)

Feet, NGVD29



\* Only wells in Layer 3 are shown



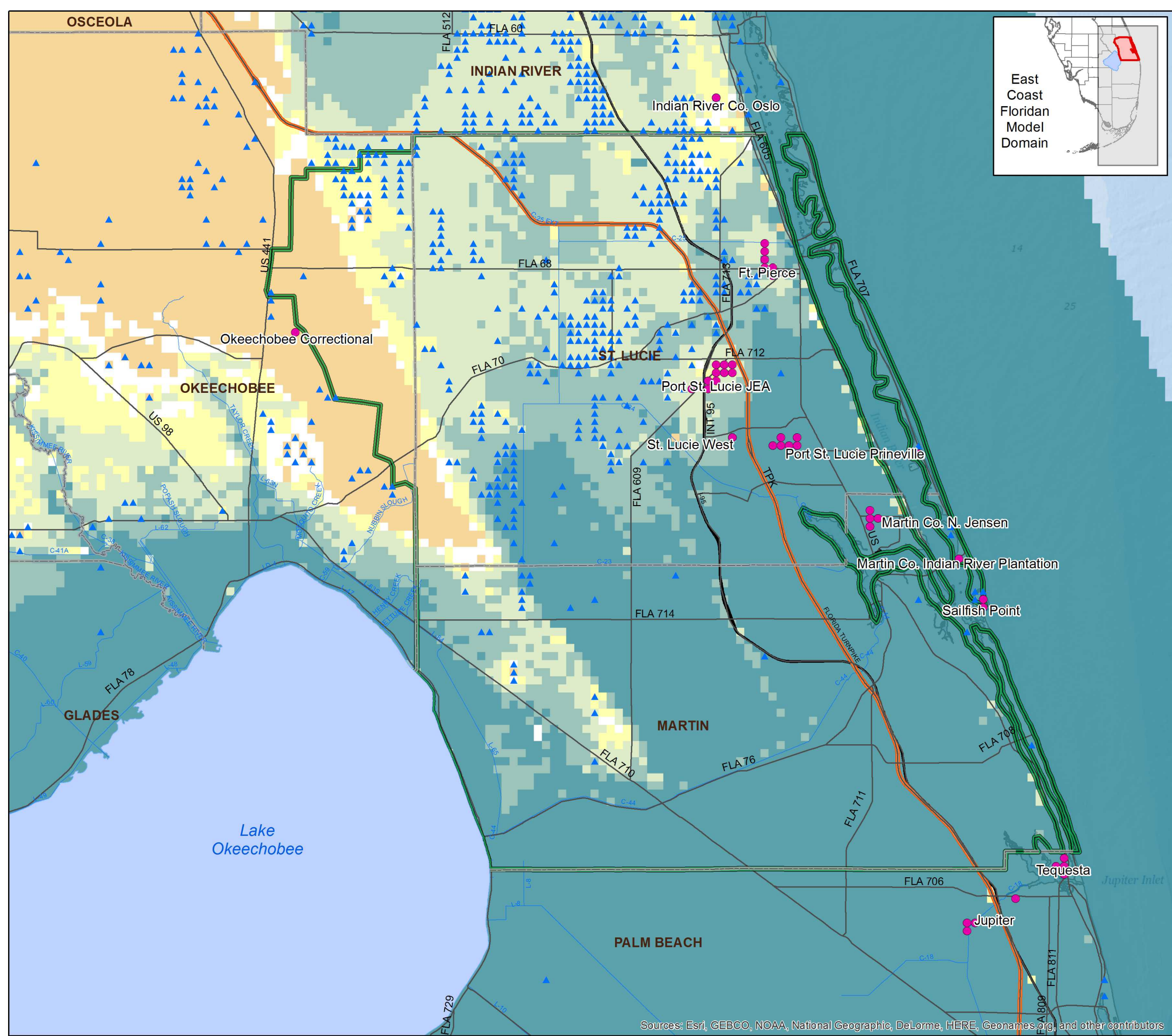
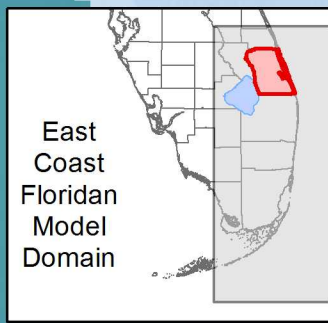
Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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Floridan Aquifer System Modeling Results

**Water Level Relative to Land Surface Elevation Map**  
**2013 Model Run**  
**Upper Floridan Aquifer (Layer 1)**



● Public Water Supply Wells \*

▲ Agricultural and Other Wells \*

▭ UEC Planning Area

Water Level (potentiometric surface elevation) at end of simulation (Month 220) compared to land surface elevation

Feet

Below Land Surface

0 to 5

5 to 10

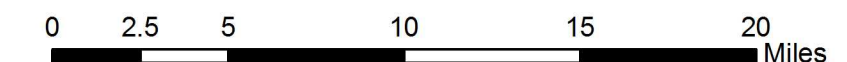
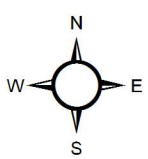
10 to 15

15 to 20

> 20

\* Only wells in Layer 1 are shown

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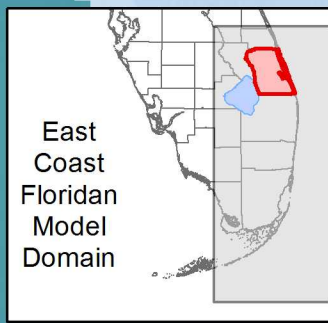
Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors



# Water Level Relative to Land Surface Elevation Map

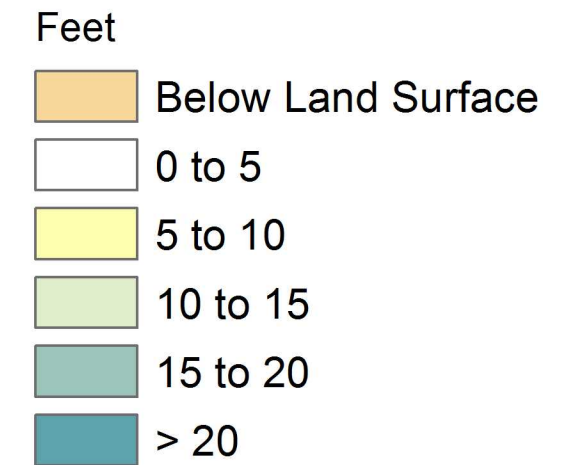
## 2040 Model Run

### Upper Floridan Aquifer (Layer 1)

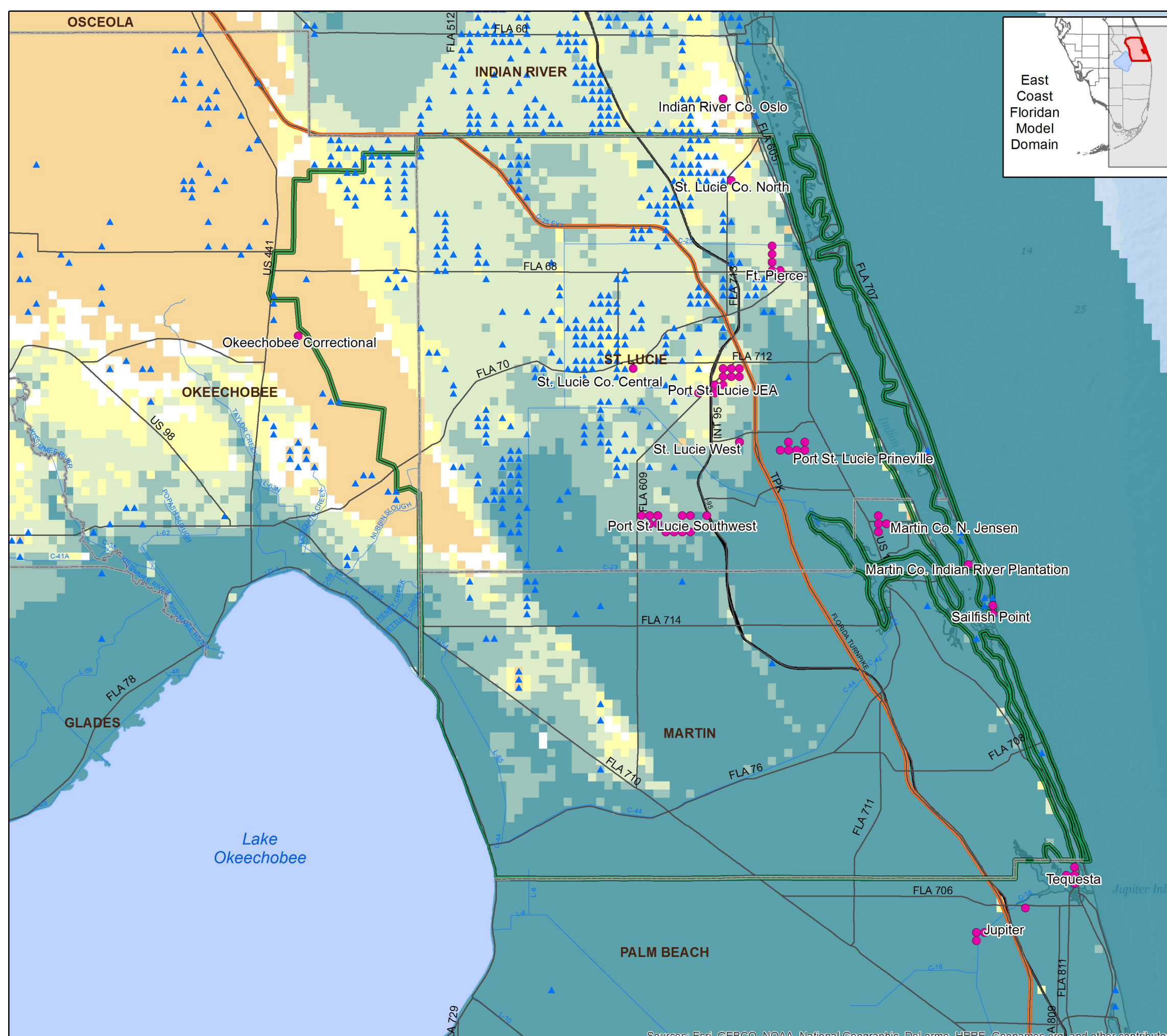
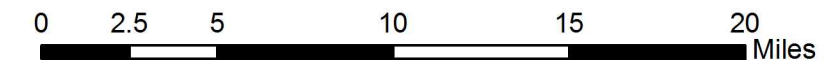
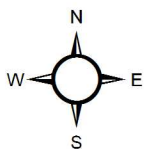


- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

Water Level (potentiometric surface elevation) at end of simulation (Month 220) compared to land surface elevation



\* Only wells in Layer 1 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

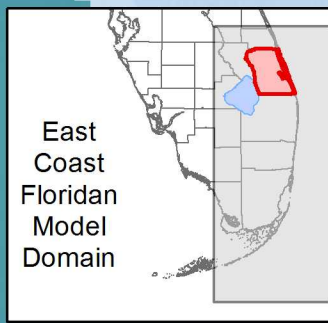
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# Water Level Relative to Land Surface Elevation Map

## 2013 Model Run

### Avon Park Permeable Zone (Layer 3)



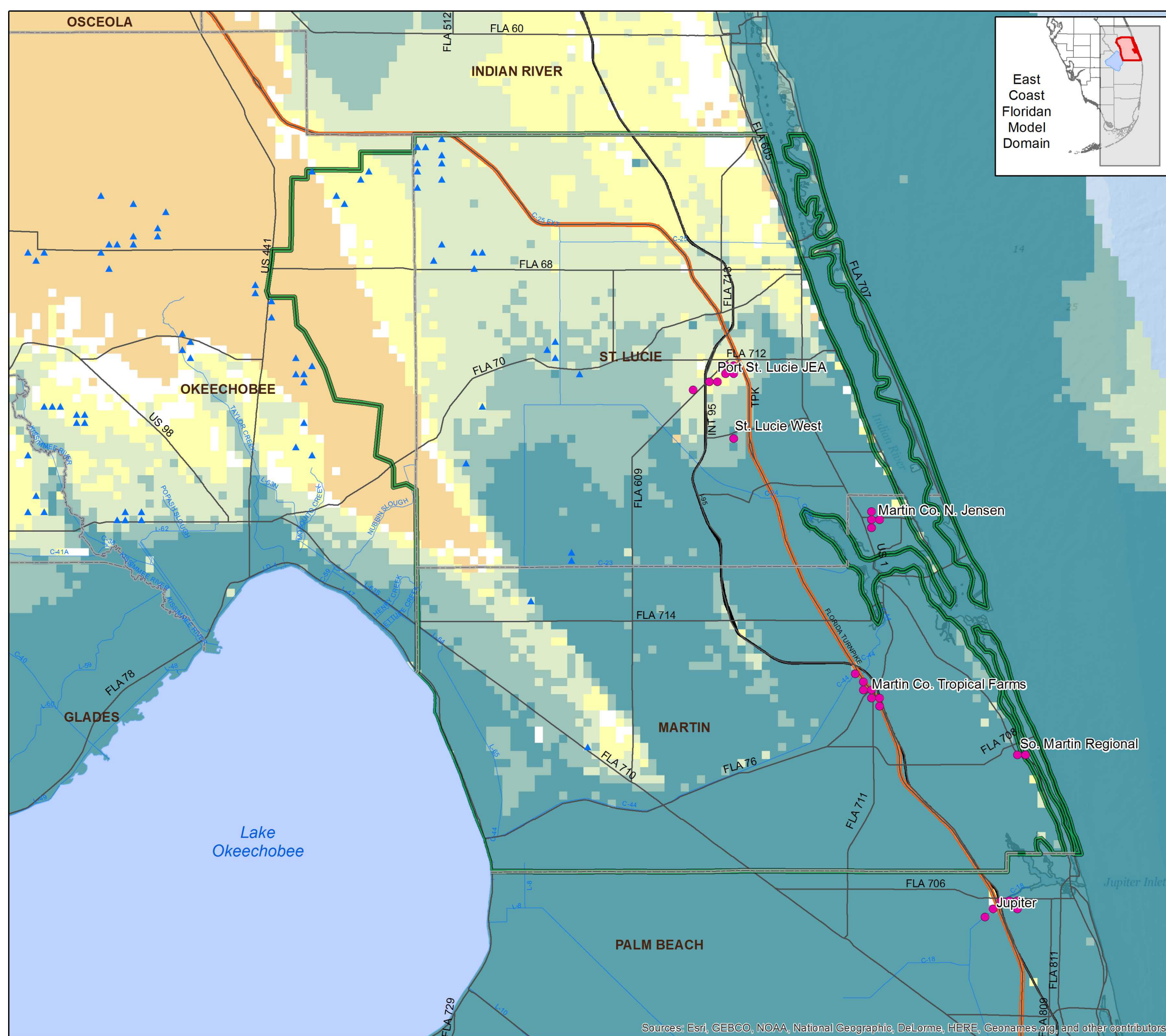
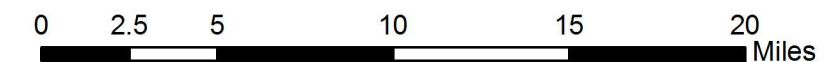
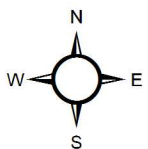
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) at end of simulation (Month 220) compared to land surface elevation**

Feet

- Below Land Surface
- 0 to 5
- 5 to 10
- 10 to 15
- 15 to 20
- > 20

\* Only wells in Layer 3 are shown



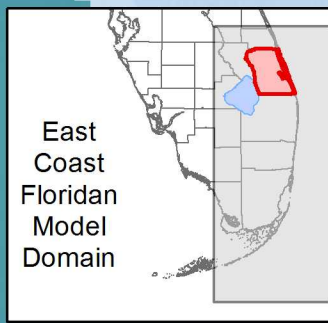
Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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Floridan Aquifer System Modeling Results

**Water Level Relative to Land Surface Elevation Map**  
**2040 Model Run**  
**Avon Park Permeable Zone**  
**(Layer 3)**



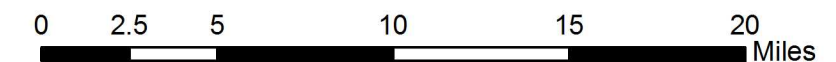
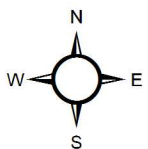
- Public Water Supply Wells \*
- ▲ Agricultural and Other Wells \*
- UEC Planning Area

**Water Level (potentiometric surface elevation) at end of simulation (Month 220) compared to land surface elevation**

Feet

- Below Land Surface
- 0 to 5
- 5 to 10
- 10 to 15
- 15 to 20
- > 20

\* Only wells in Layer 1 are shown



Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors

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