



Big Cypress Basin Board Meeting

BCB Hydrologic Conditions

1/20/15

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Principal Engineer, BCB

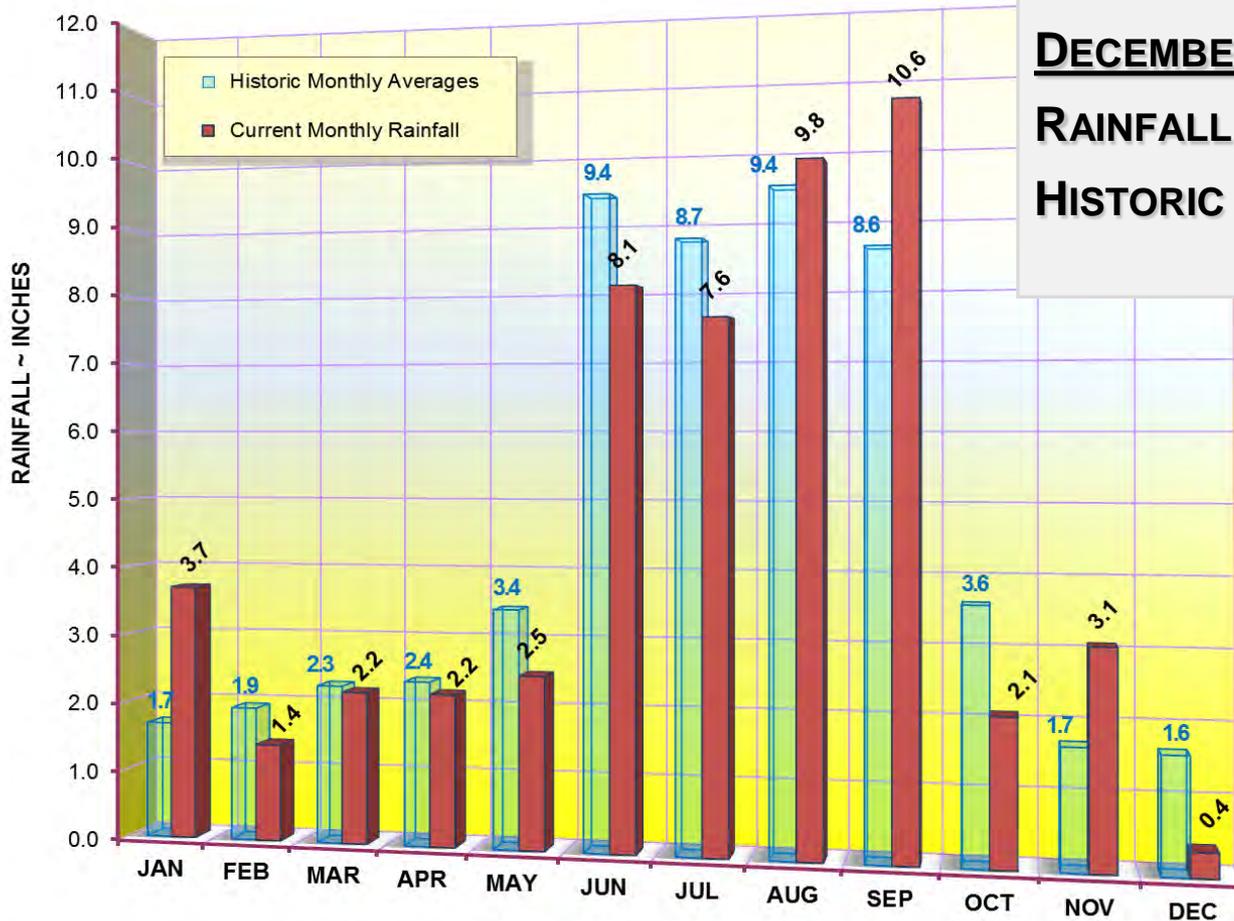
Item No. 12 A



BCB Hydrologic Conditions ~ Rainfall

DECEMBER 2014

COMPARATIVE DATA MONTHLY RAINFALL & HISTORIC AVERAGES



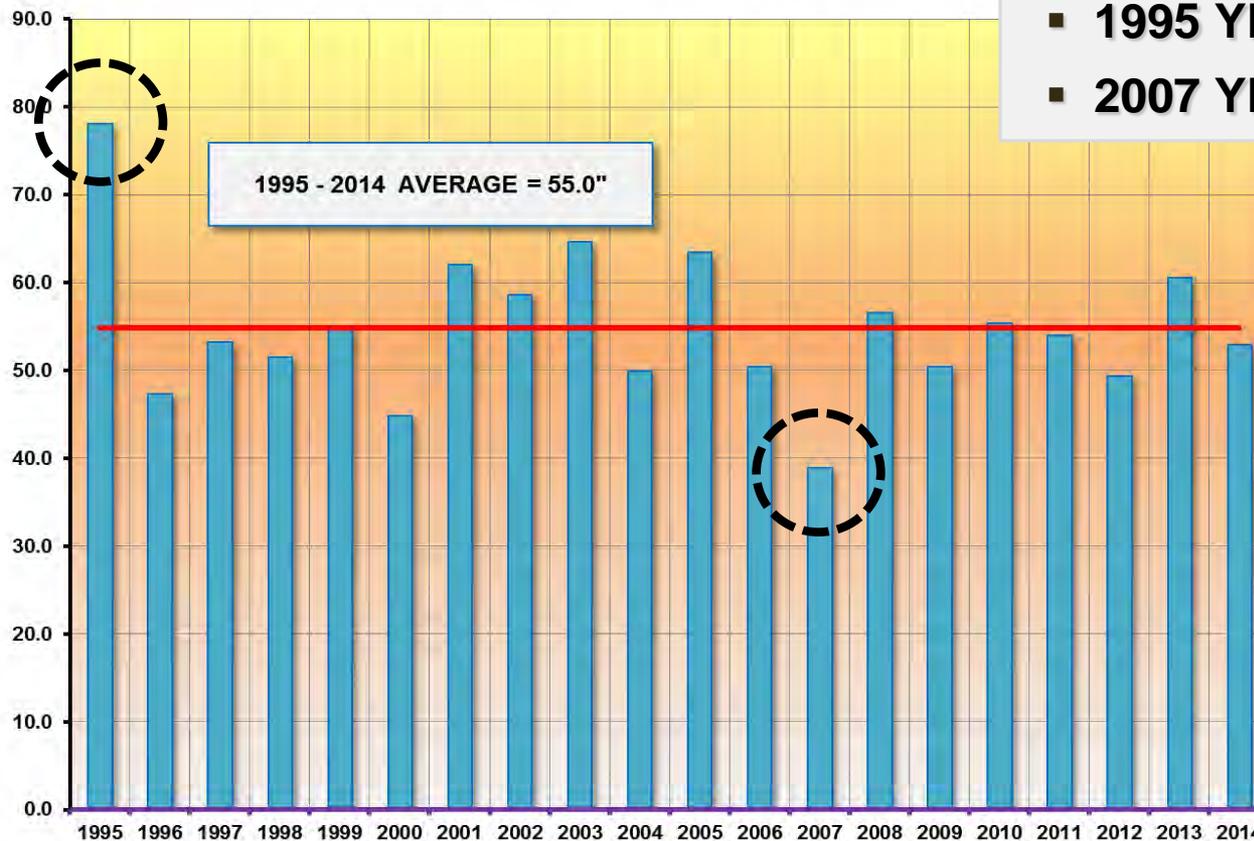
DECEMBER DATA
RAINFALL AVERAGE = 0.35"
HISTORIC = 1.64" (- 79%)



BCB Hydrologic Conditions ~ Rainfall

HISTORIC AVERAGE RAINFALL

BCB AREA ANNUAL RAINFALL
Period (1995 ~ 2014)



20 YEAR DATA RECORD

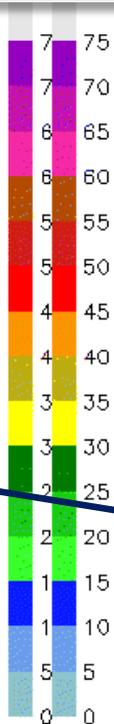
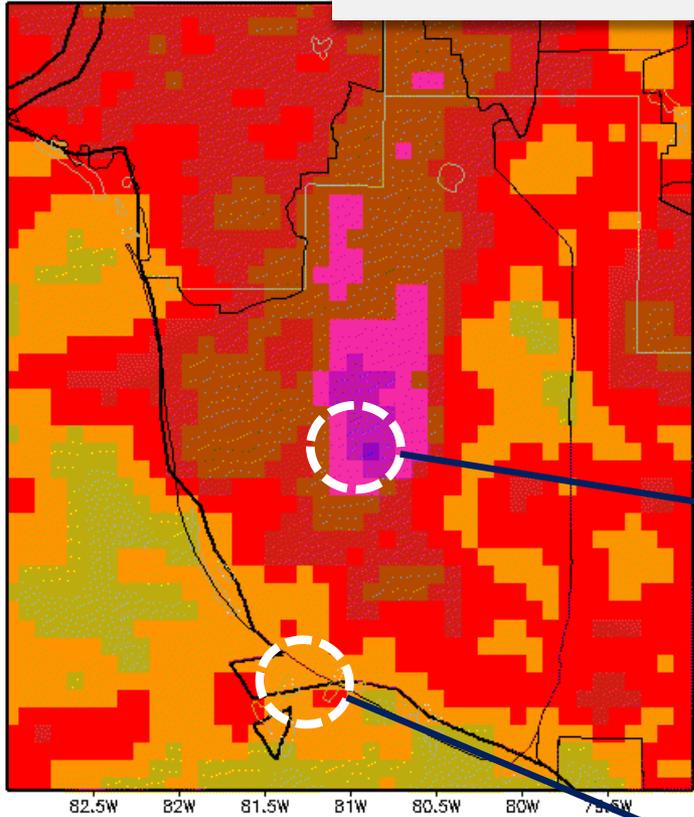
- 1995 YR: 78.0"
- 2007 YR: 38.9"

2014
53.9"



BCB Hydrologic Conditions ~ Rainfall

2014 RAINFALL MAXIMA / MINIMA

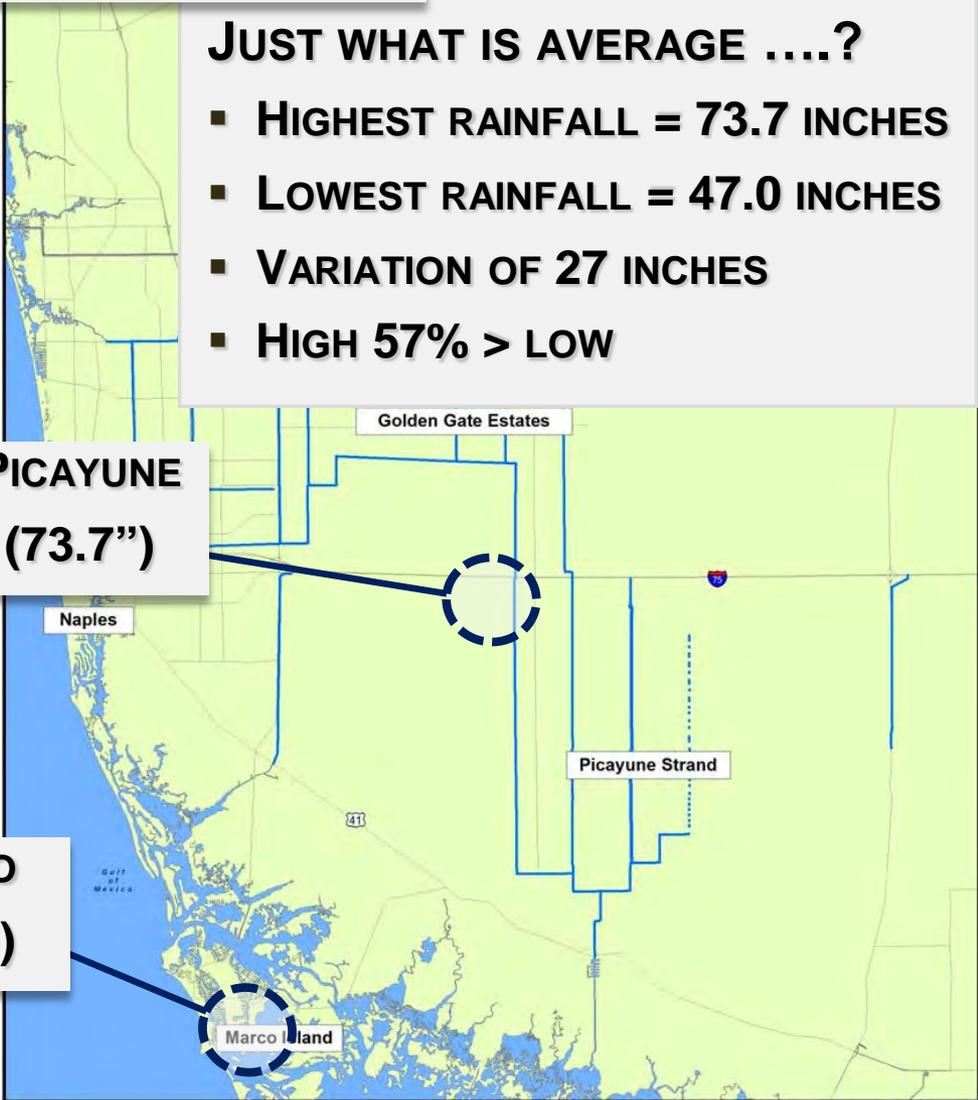


JUST WHAT IS AVERAGE?

- **HIGHEST RAINFALL = 73.7 INCHES**
- **LOWEST RAINFALL = 47.0 INCHES**
- **VARIATION OF 27 INCHES**
- **HIGH 57% > LOW**

**PICAYUNE
(73.7")**

**MARCO
(47.0")**

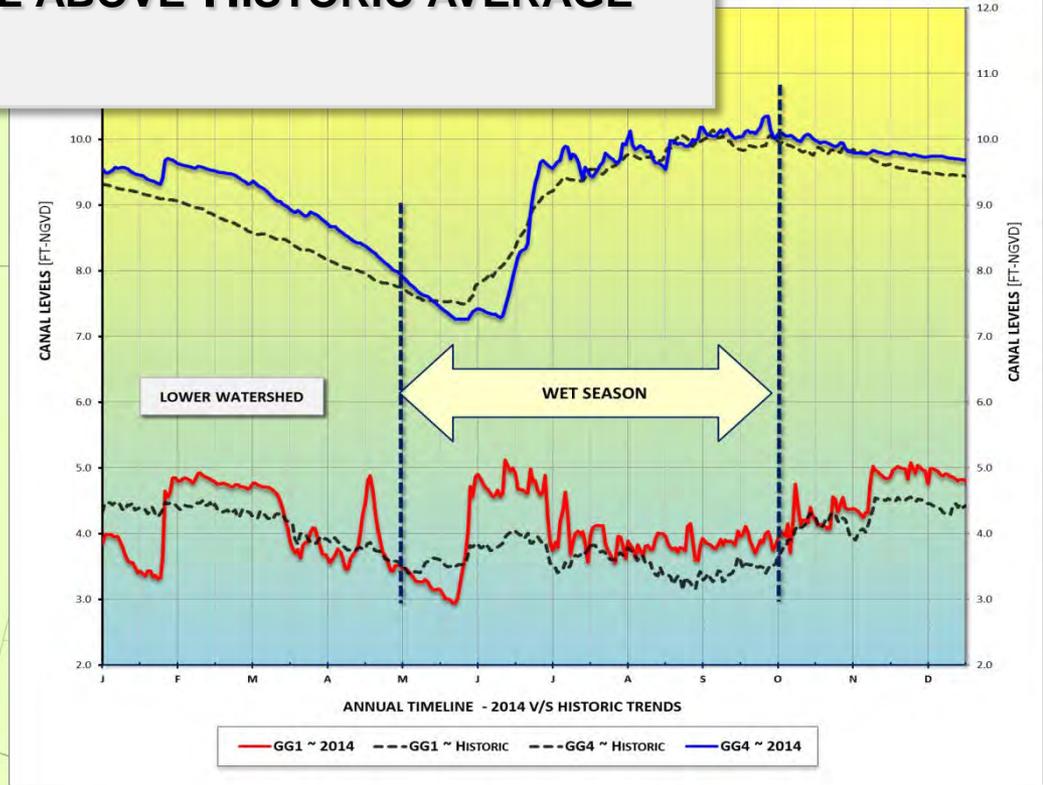
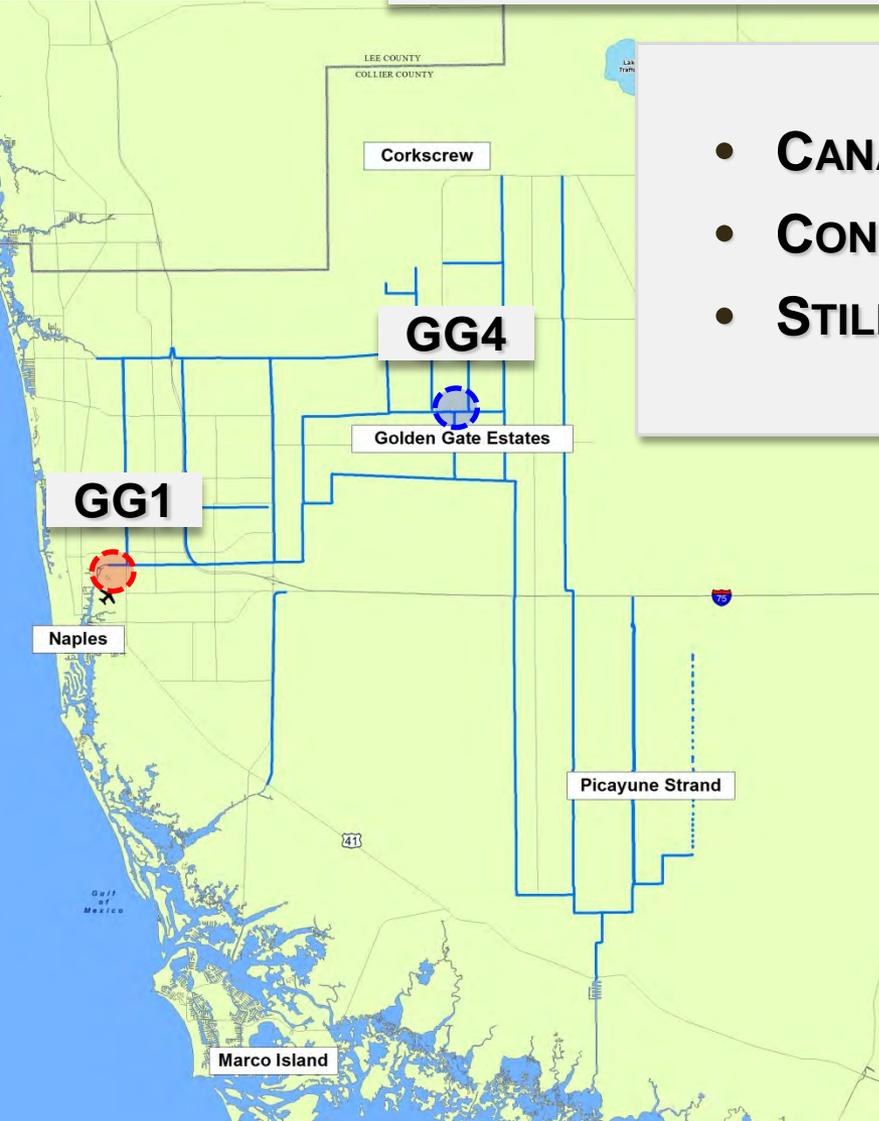




Canal System Levels - December 2014

GOLDEN GATE WATERSHED

- CANAL LEVELS TREND LOWER
- CONSISTENT WITH DRY SEASON
- STILL ABOVE HISTORIC AVERAGE

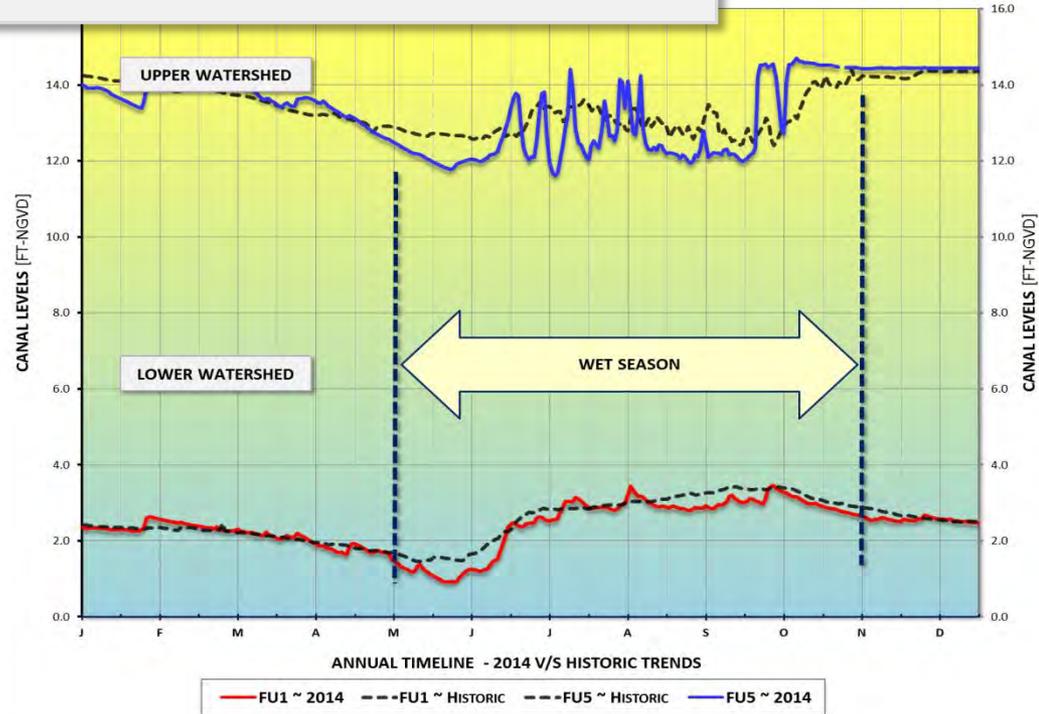
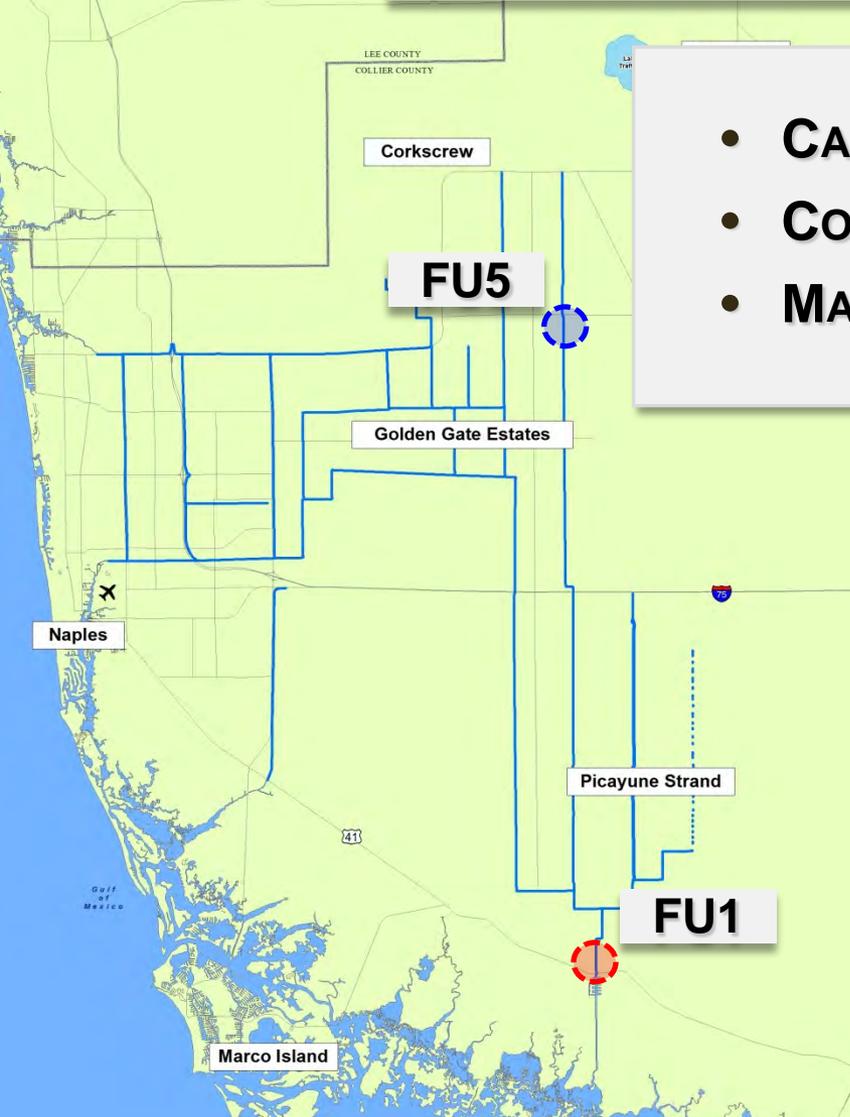




Canal System Levels - December 2014

FAKA UNION WATERSHED

- CANAL LEVELS TREND LOWER
- CONSISTENT WITH DRY SEASON
- MATCHES HISTORIC AVERAGE

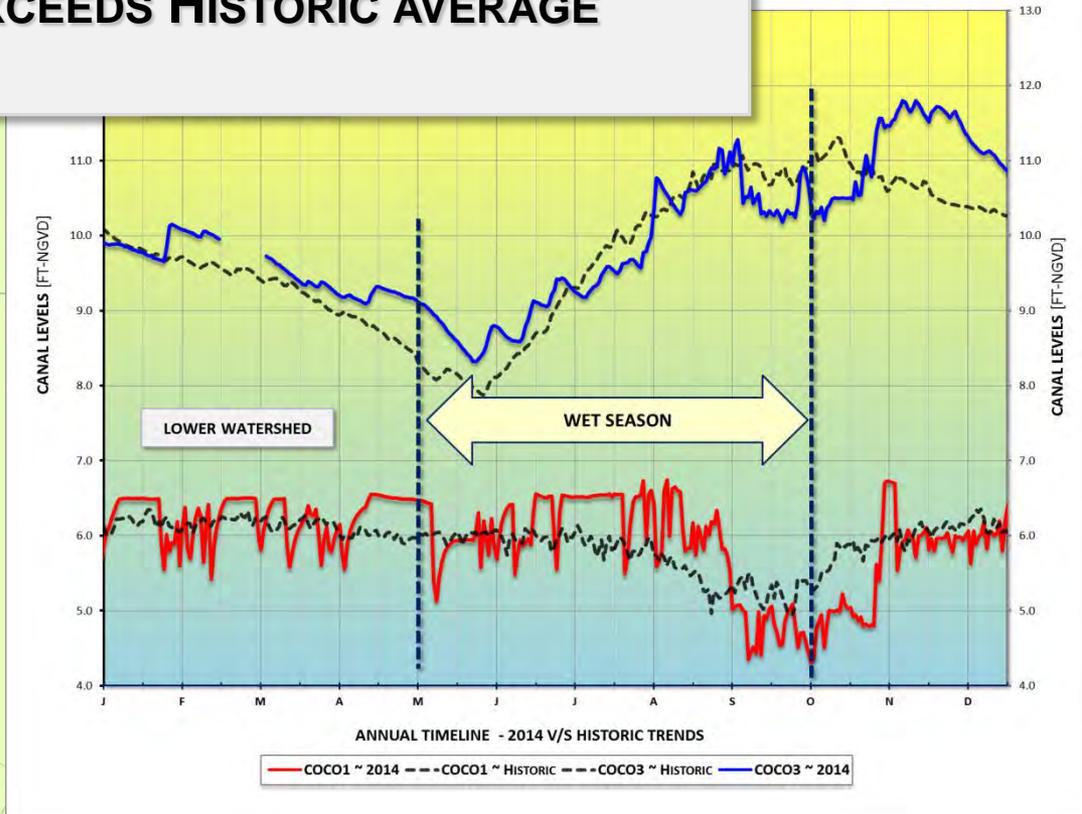
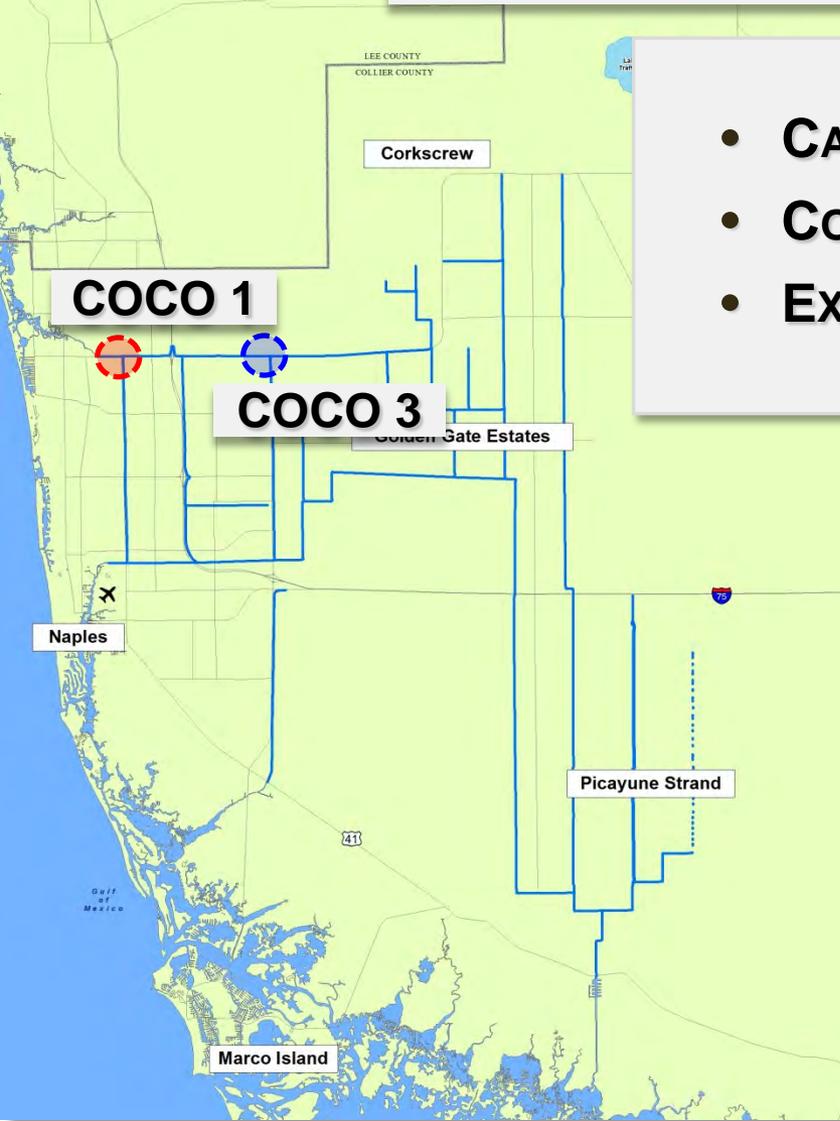




Canal System Levels - December 2014

COCOHATCHEE WATERSHED

- CANAL LEVELS TREND LOWER
- CONSISTENT WITH DRY SEASON
- EXCEEDS HISTORIC AVERAGE

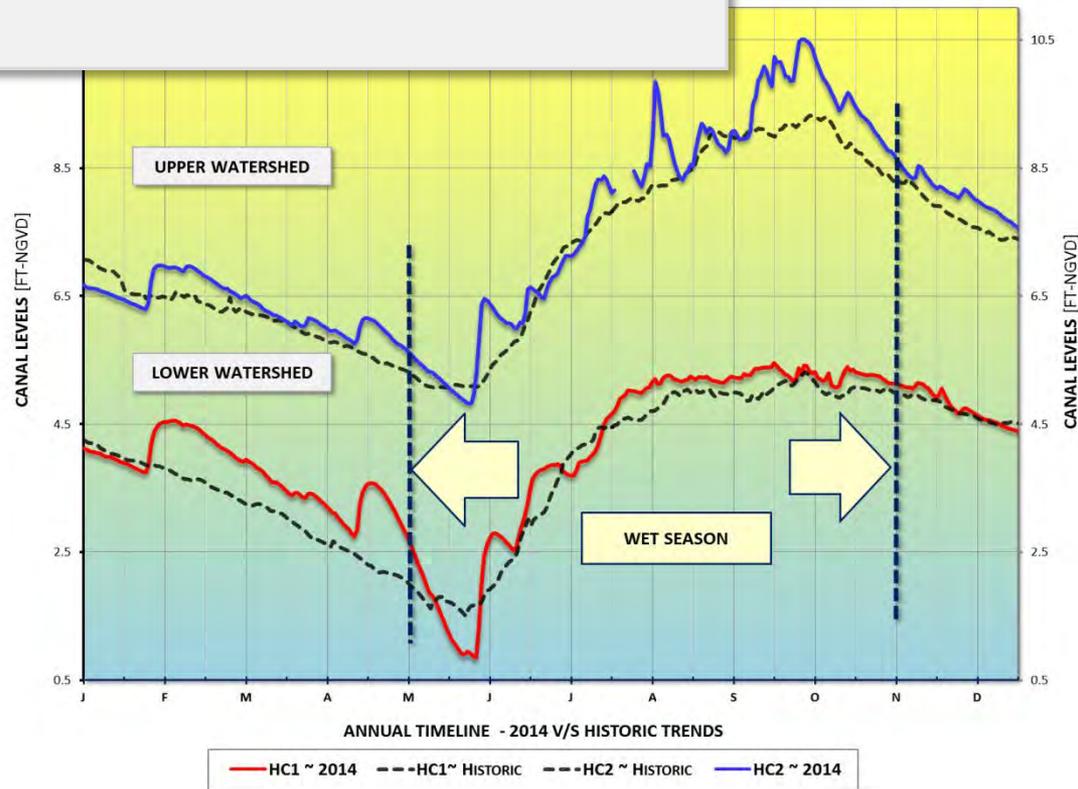
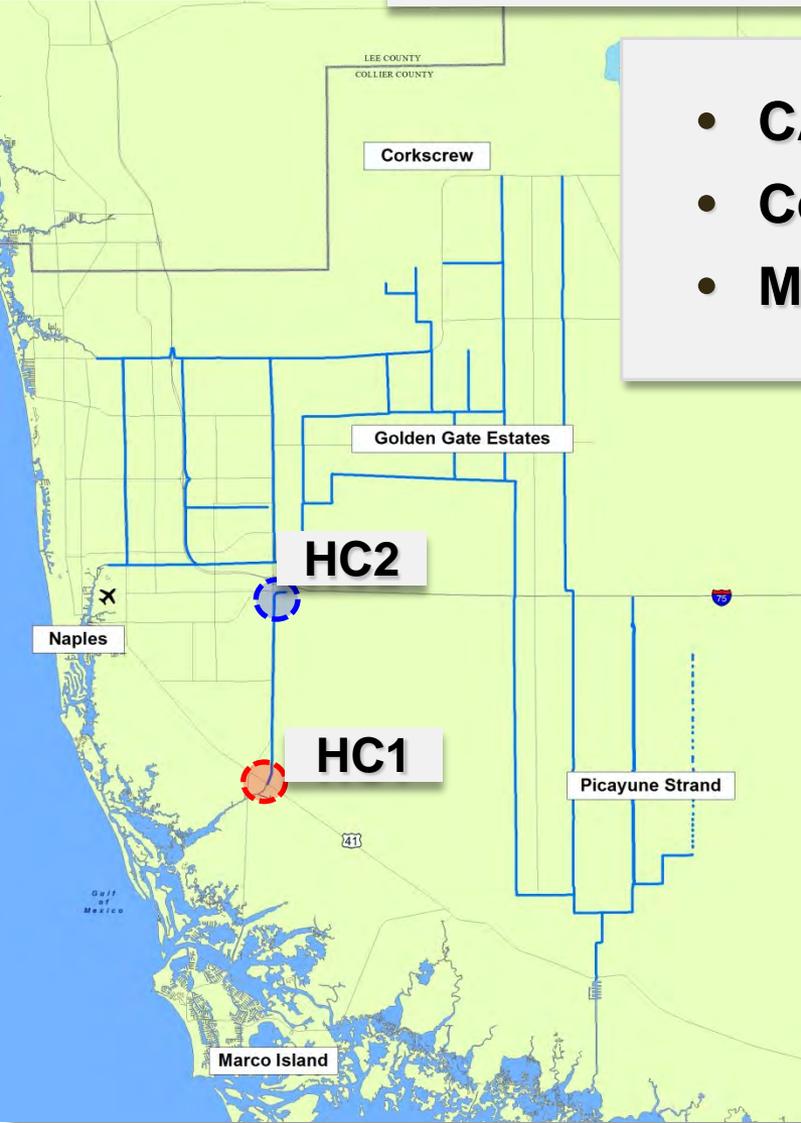




Canal System Levels - December 2014

HENDERSON CREEK WATERSHED

- CANAL LEVELS TREND LOWER
- CONSISTENT WITH DRY SEASON
- MATCHES HISTORIC AVERAGE





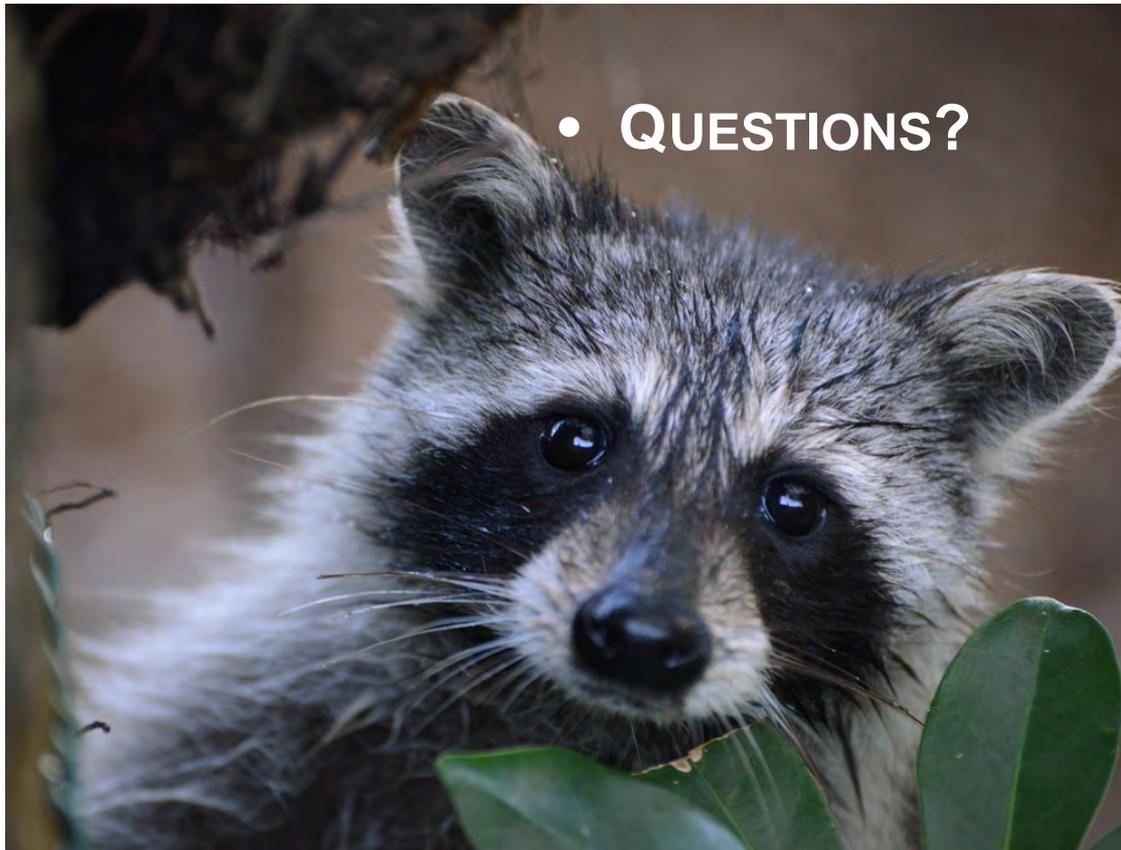
BCB System Report ~ December 2014

SUMMARY

- **2014 Year was typical based on historic trends**
- **December rainfall lowest: 0.4 inches**
- **September rainfall highest: 10.6 inches**
- **Canal water levels – kept pace or exceeded historic trends by the end of 2014**



BCB System Report ~ December 2014



• QUESTIONS?