



Big Cypress Basin Board Meeting

BCB Hydrologic Conditions

04/28/16

Joss Nageon de Lestang, P.E.
Principal Engineer, BCB

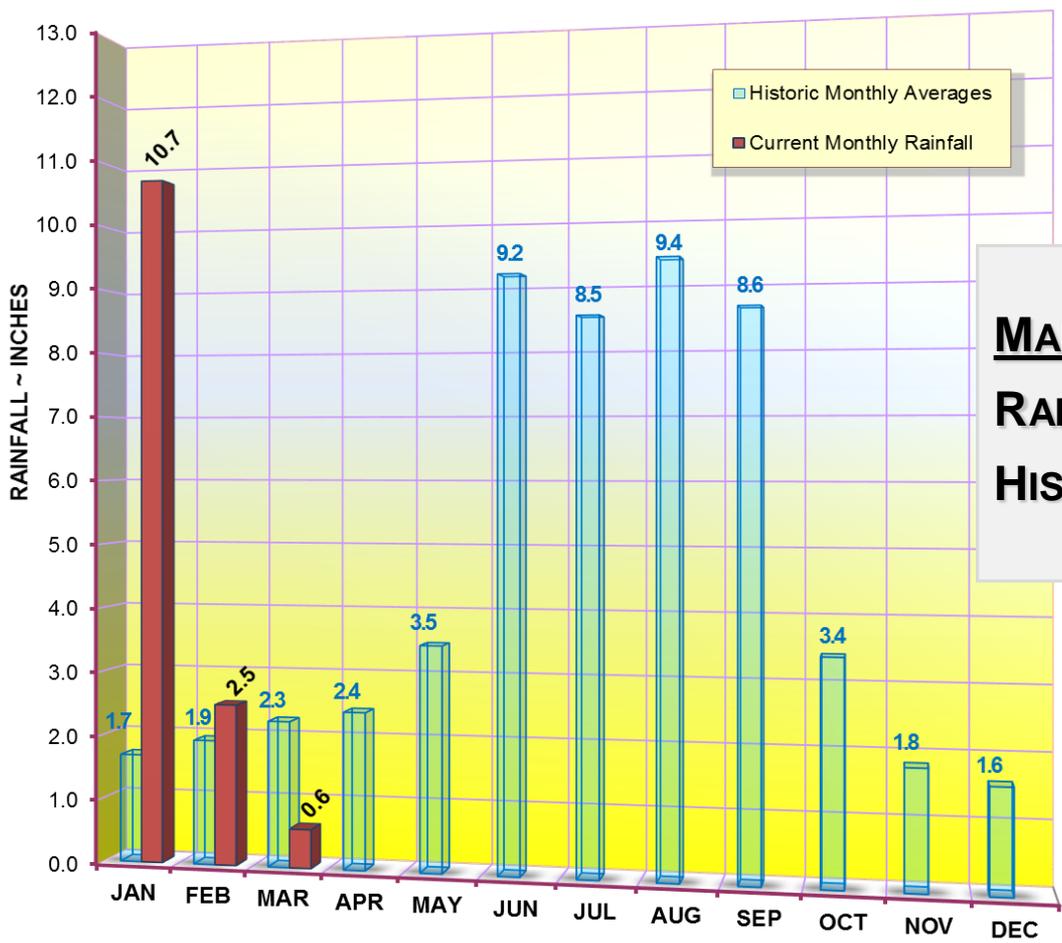
Item No. 16 A



BCB Hydrologic Conditions ~ Rainfall

MARCH 2016

**BCB ANNUAL RAINFALL
MONTHLY DATA & HISTORIC AVERAGES**



MARCH DATA
RAINFALL AVERAGE = 0.55"
HISTORIC = 2.26" (- 76%)

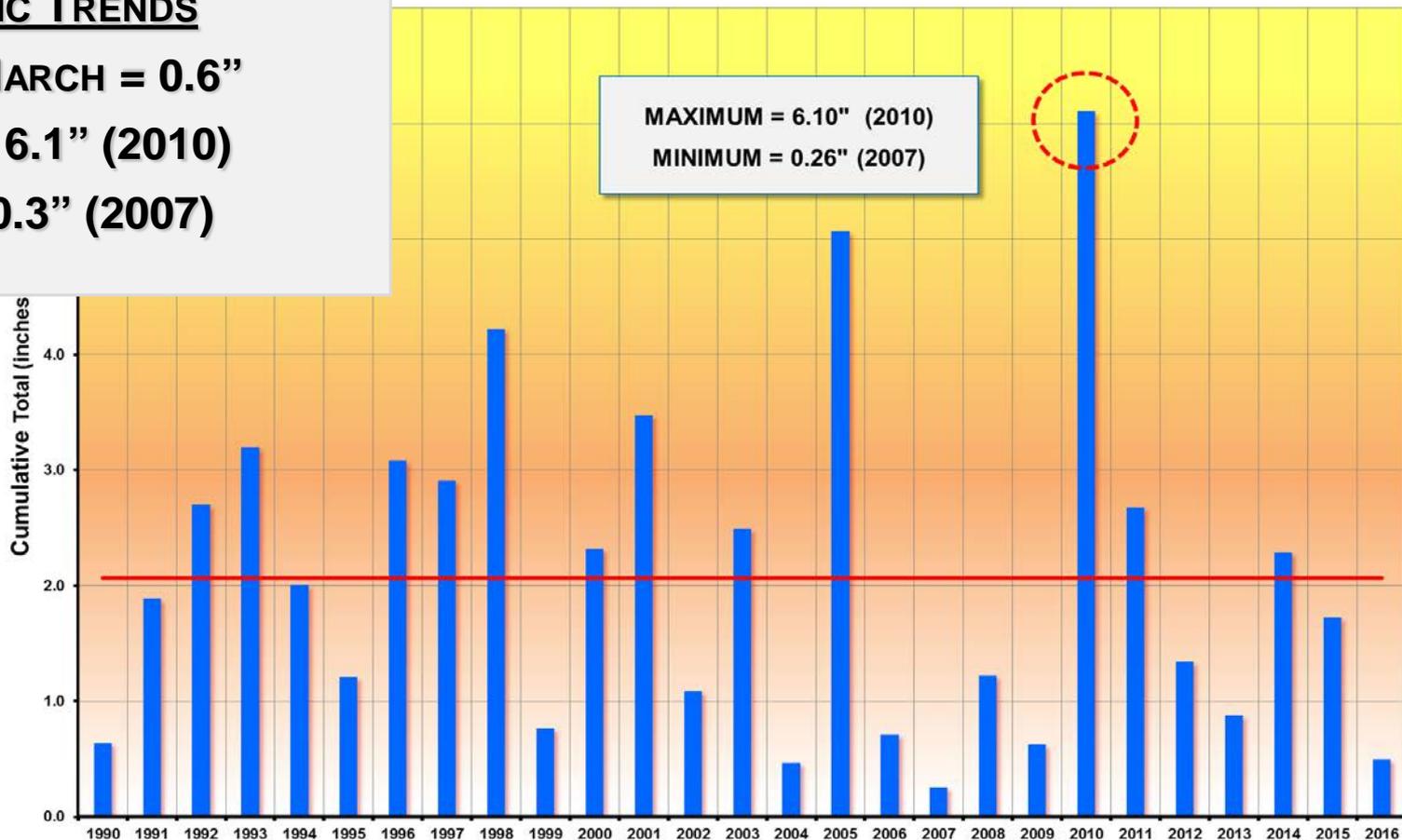


BCB Hydrologic Conditions ~ Rainfall

MARCH 2016

BCB MARCH RAINFALL
Period (1990 ~ 2016)

HISTORIC TRENDS
2016 MARCH = 0.6"
MAX = 6.1" (2010)
MIN = 0.3" (2007)



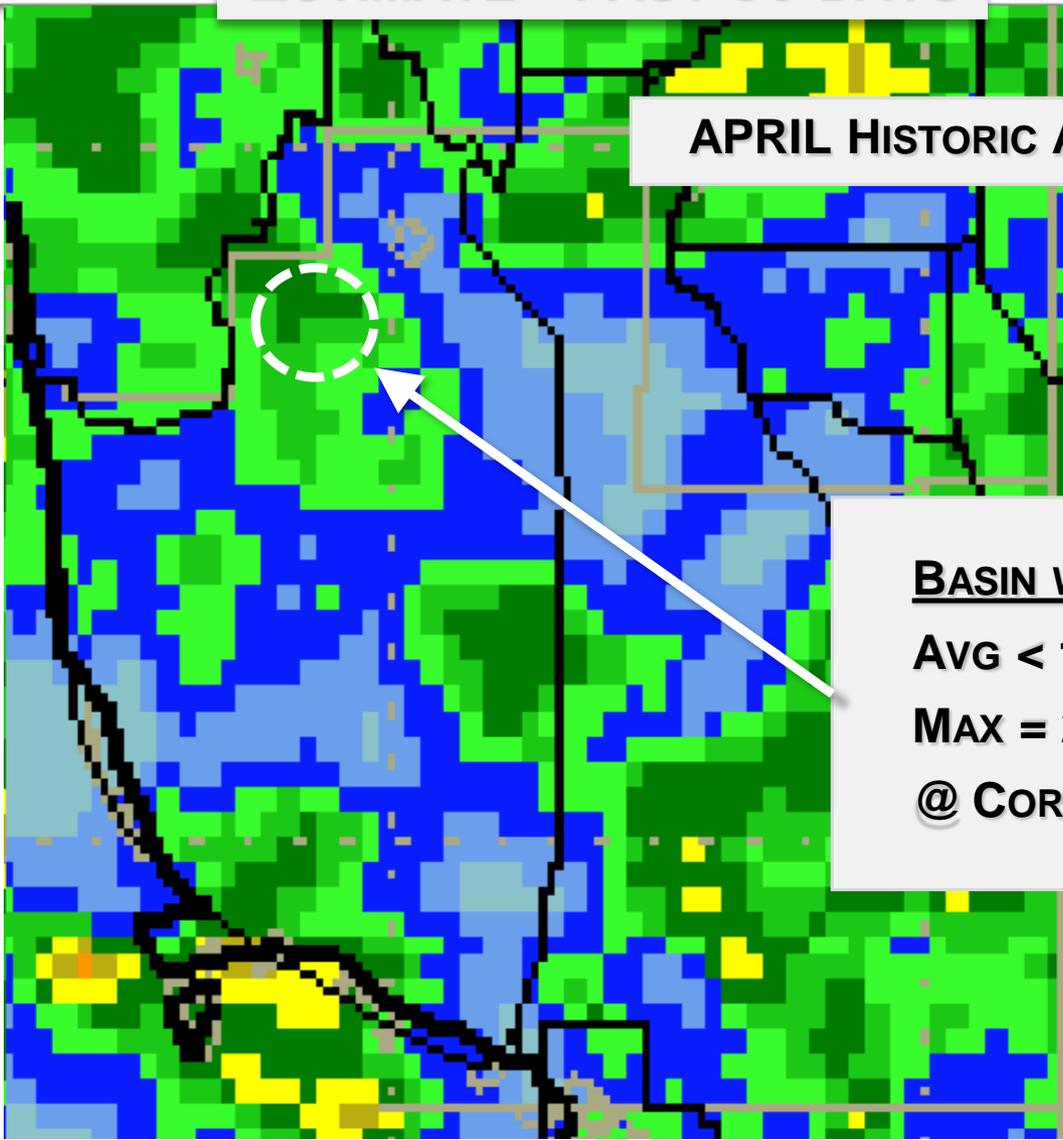
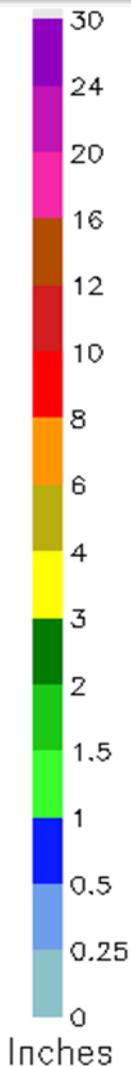
MAXIMUM = 6.1" (2010)
MINIMUM = 0.26" (2007)



BCB Hydrologic Conditions ~ Rainfall

ESTIMATE - PAST 30 DAYS

APRIL HISTORIC AVERAGE = 2.4 INCHES



BASIN WIDE / COLLIER

AVG < 1 INCH

MAX = 2.6 INCHES

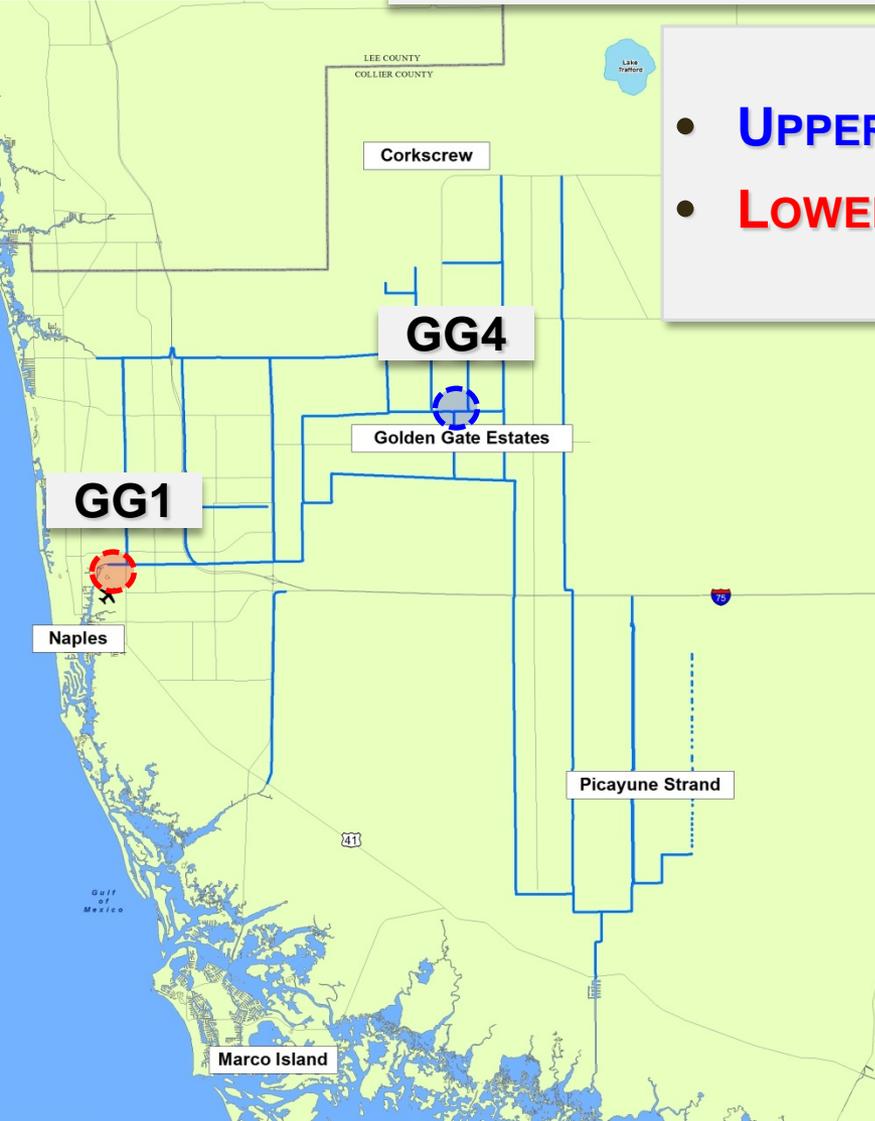
@ CORKSCREW SWAMP NORTH



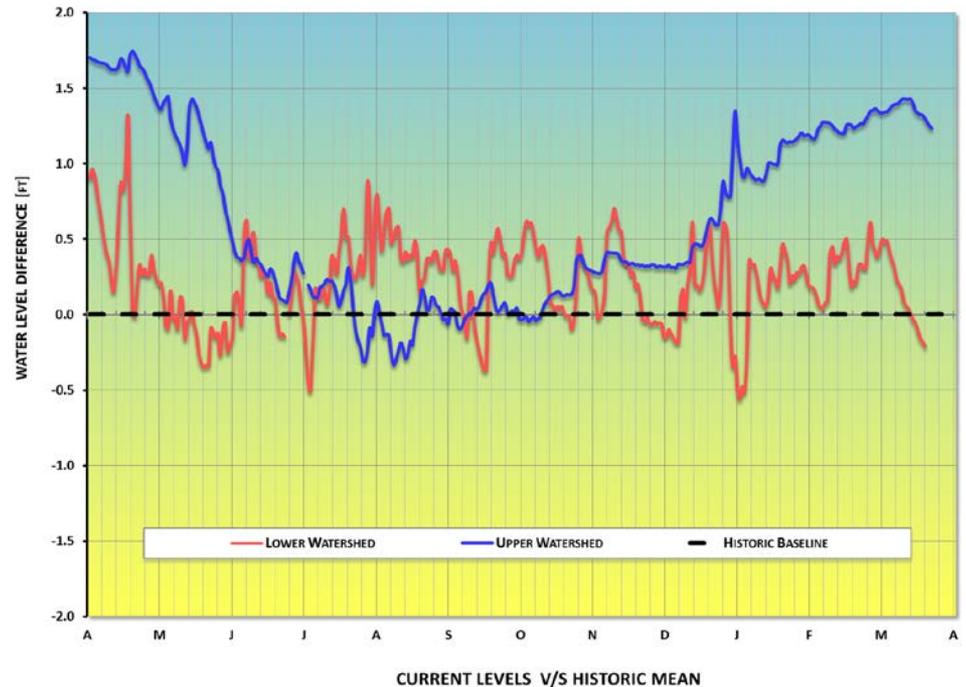
Canal System Levels ~ mid-April 2016

GOLDEN GATE WATERSHED

- **UPPER GGM (GG4): IN HIGH RANGE**
- **LOWER GGM (GG1): IN LOW RANGE**



GOLDEN GATE MAIN CANAL SYSTEM
DIFFERENCE IN CANAL LEVELS
CURRENT COMPARED TO HISTORIC TRENDS

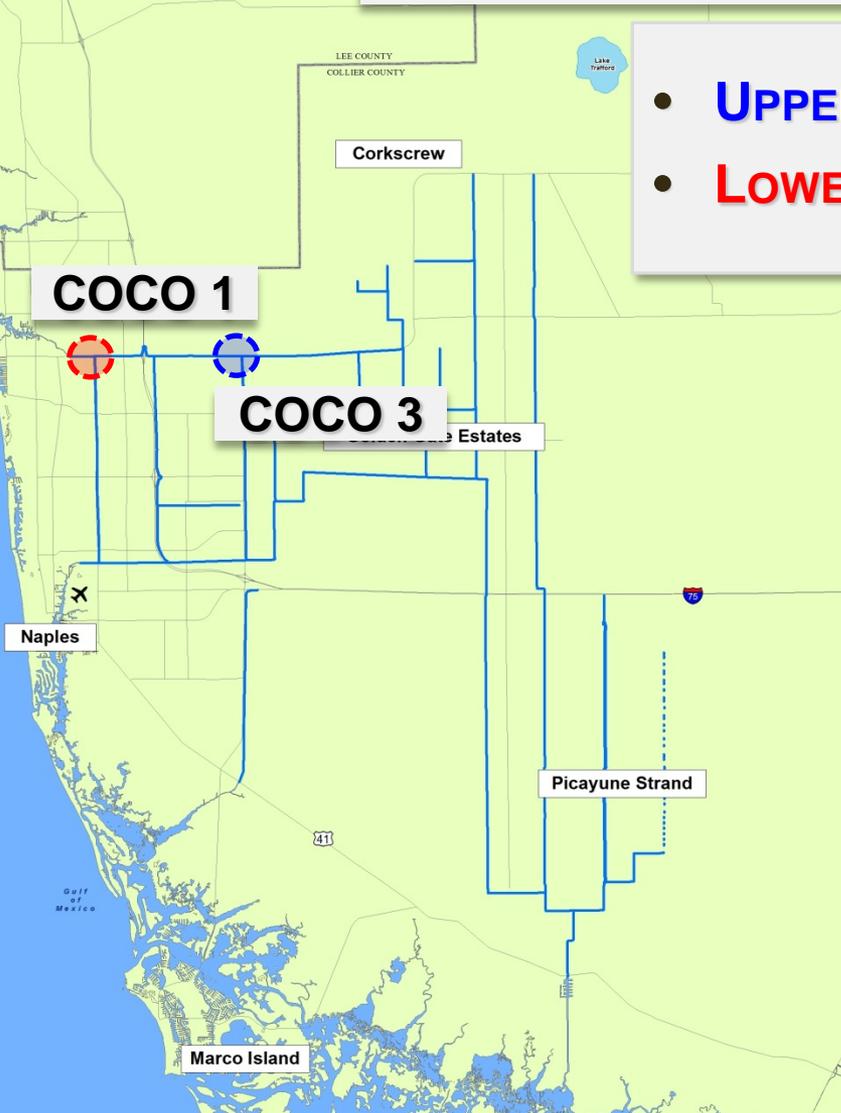




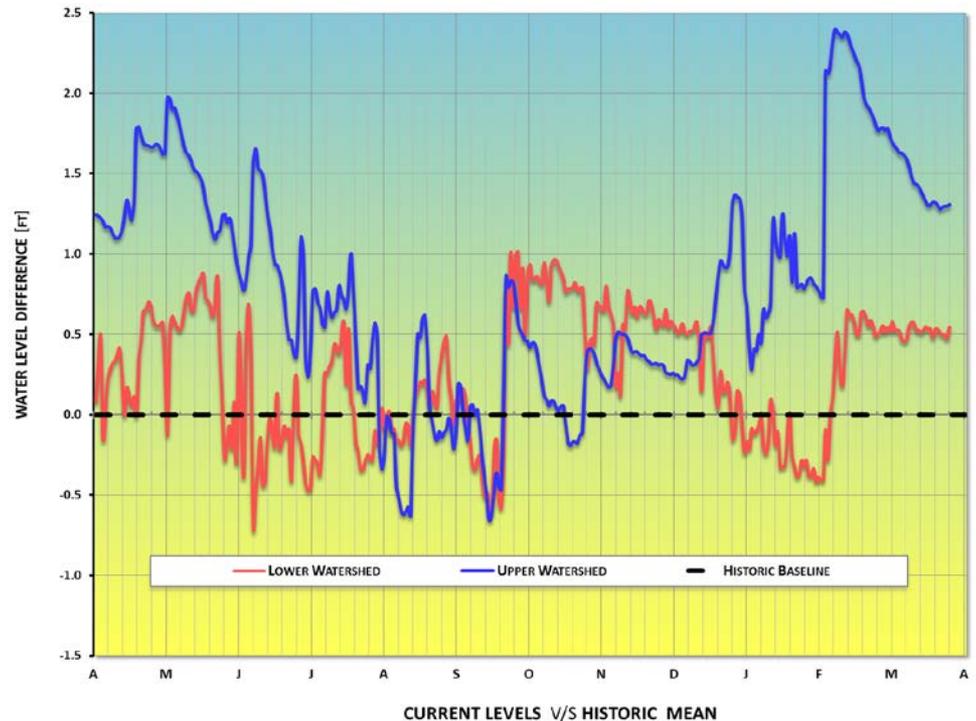
Canal System Levels ~ mid-April 2016

COCOHATCHEE WATERSHED

- **UPPER COCO (COCO1): IN HIGH RANGE**
- **LOWER COCO (COCO3): IN MID RANGE**



COCOHATCHEE CANAL SYSTEM
DIFFERENCE IN CANAL LEVELS
CURRENT COMPARED to HISTORIC TRENDS

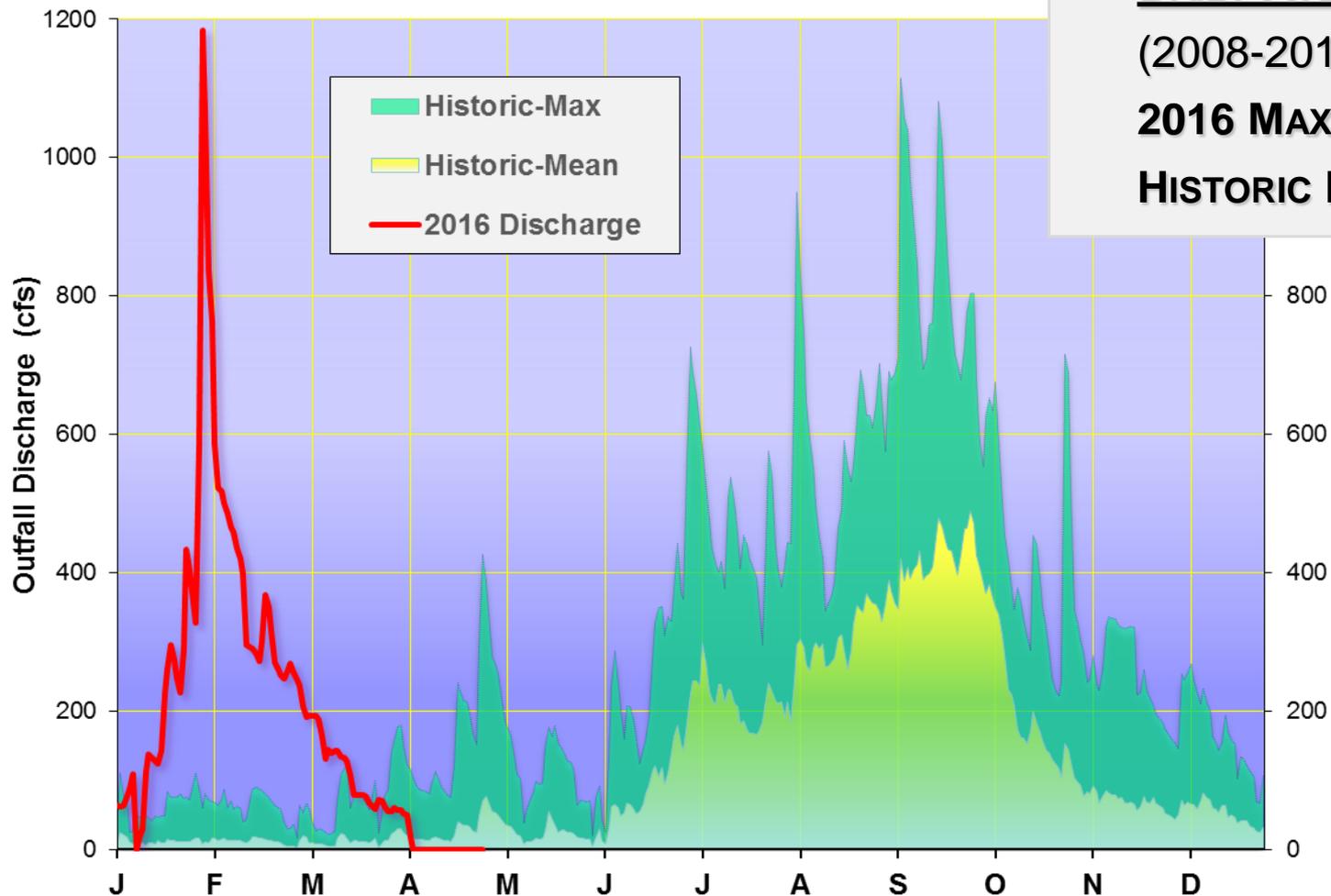




Canal System Outflow - 2016 Period

GOLDEN GATE MAIN

Golden Gate Main - Annual Discharge



DAILY AVERAGE FLOW
(2008-2016)
2016 MAX = 1183 CFS
HISTORIC MAX = 1115 CFS



BCB System Report ~ March / April 2016

SUMMARY

- 2016 rainfall still well above average (14.6" > 8.3")
- Mostly due to January record total
- February ~ April totals below historic average
- Outfall discharge limited to FU#1 weir only (+/- 80 cfs)
- Canal levels lower, but mostly normal range for dry season



BCB System Report ~ March / April 2016

- QUESTIONS?

