



Big Cypress Basin Board Meeting

BCB Hydrologic Conditions

07/11/16

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

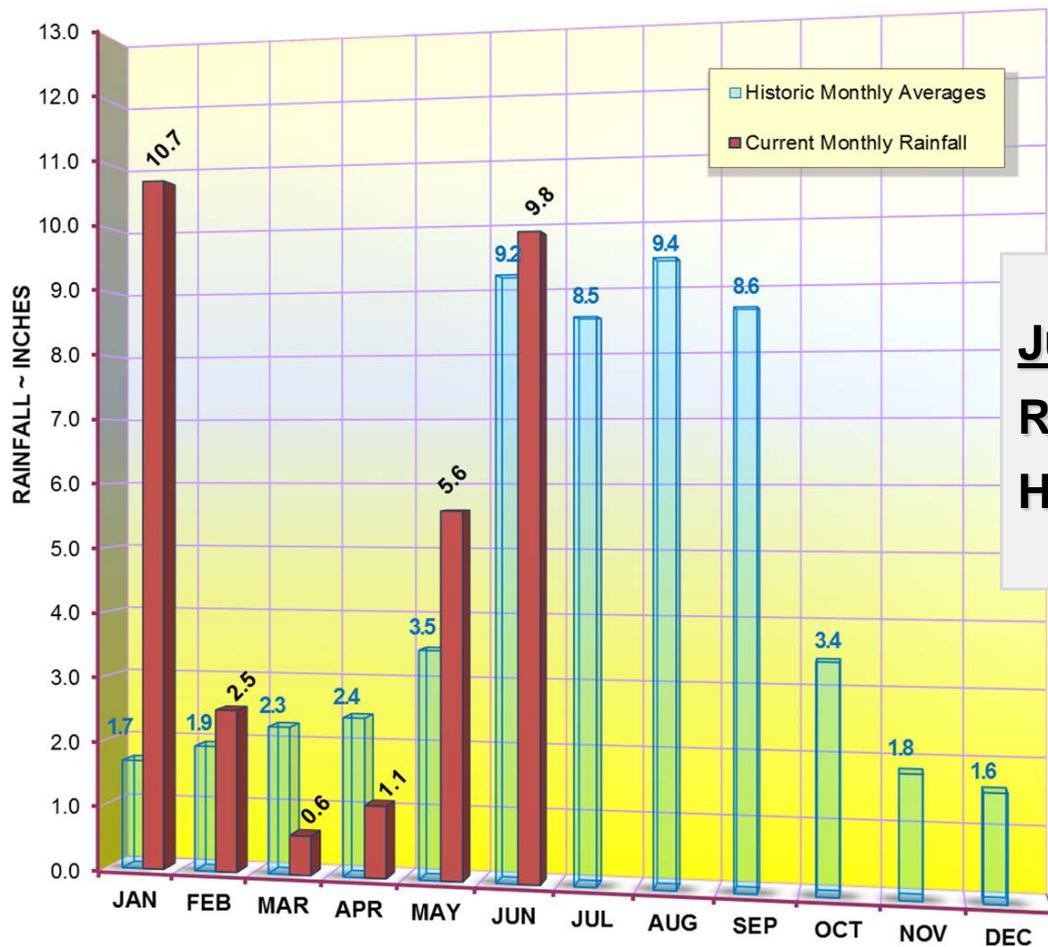
Item No. 15A



BCB Hydrologic Conditions ~ Rainfall

JUNE 2016

BCB ANNUAL RAINFALL
MONTHLY DATA & HISTORIC AVERAGES



JUNE DATA
RAINFALL AVERAGE = 9.81"
HISTORIC = 9.15" (+7.2%)

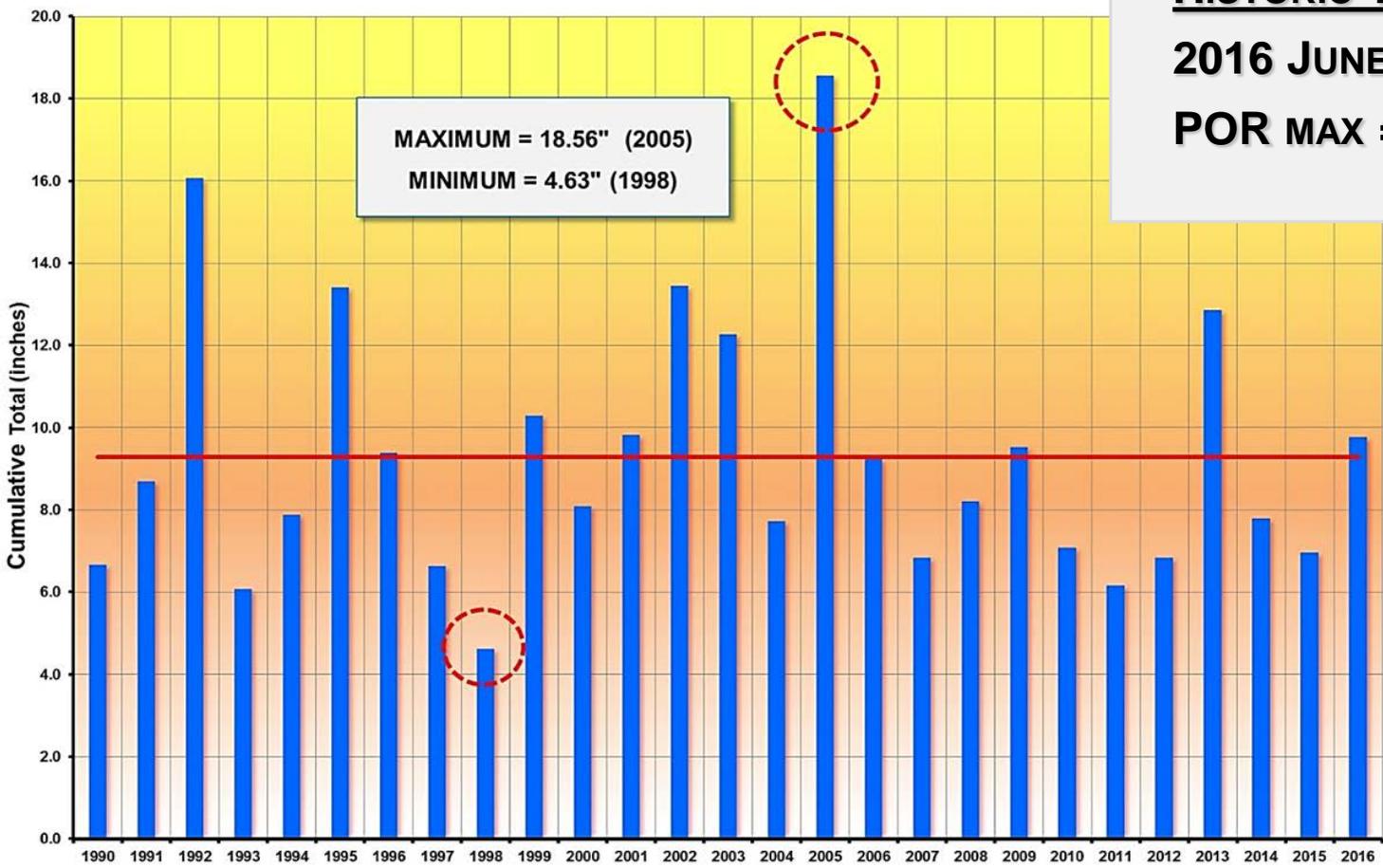


BCB Hydrologic Conditions ~ Rainfall

JUNE 2016

BCB JUNE RAINFALL
Period (1990 ~ 2016)

HISTORIC TRENDS
2016 JUNE = 9.8"
POR MAX = 18.6" (2005)



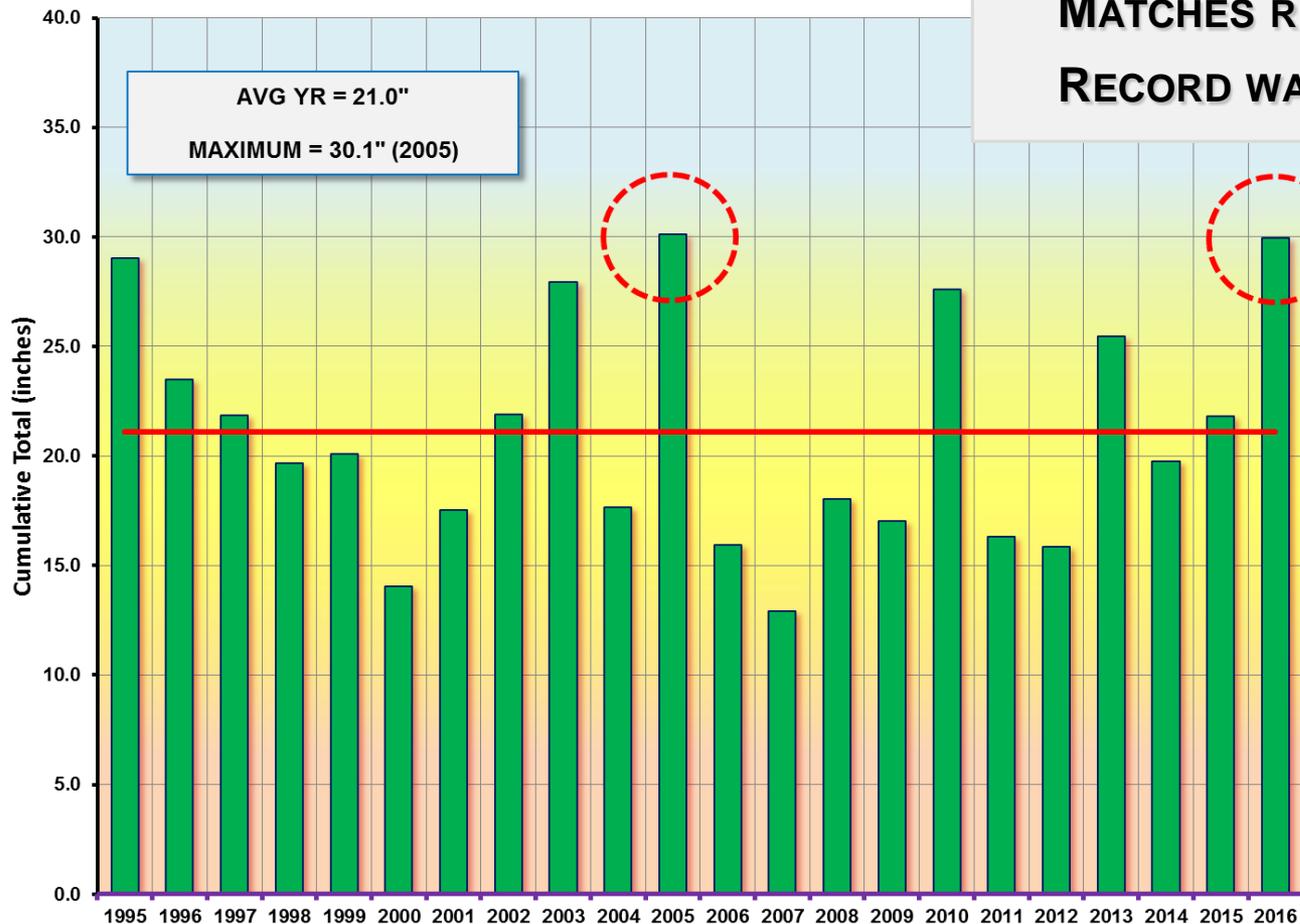


BCB Hydrologic Conditions ~ Rainfall

JUNE 2016

BCB RAINFALL : JAN ~ JUNE
 Period (1995 ~ 2016)

CUMUL. RAINFALL - THROUGH JUNE
MATCHES RECORD LEVELS
RECORD WAS IN 2005 = 30.1"



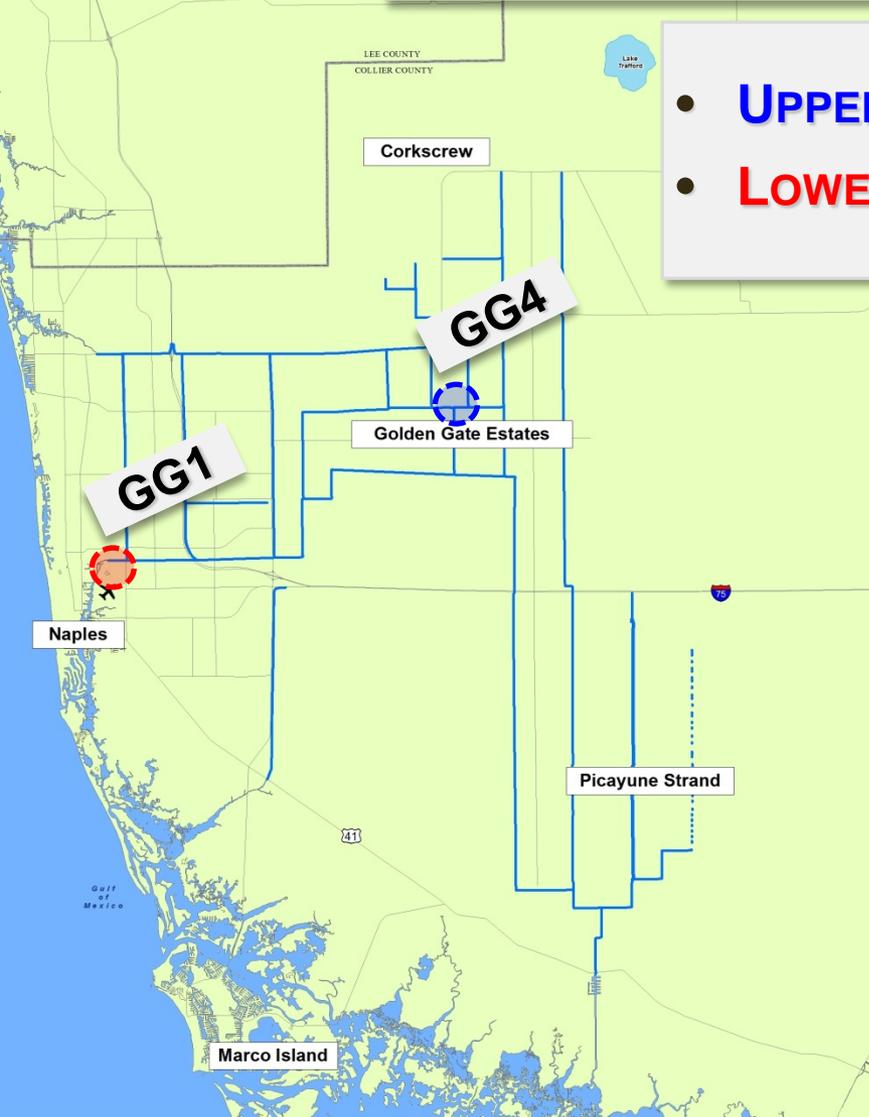
AVG YR = 21.0"
 MAXIMUM = 30.1" (2005)



Canal System Levels ~ June 2016

GOLDEN GATE WATERSHED

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



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



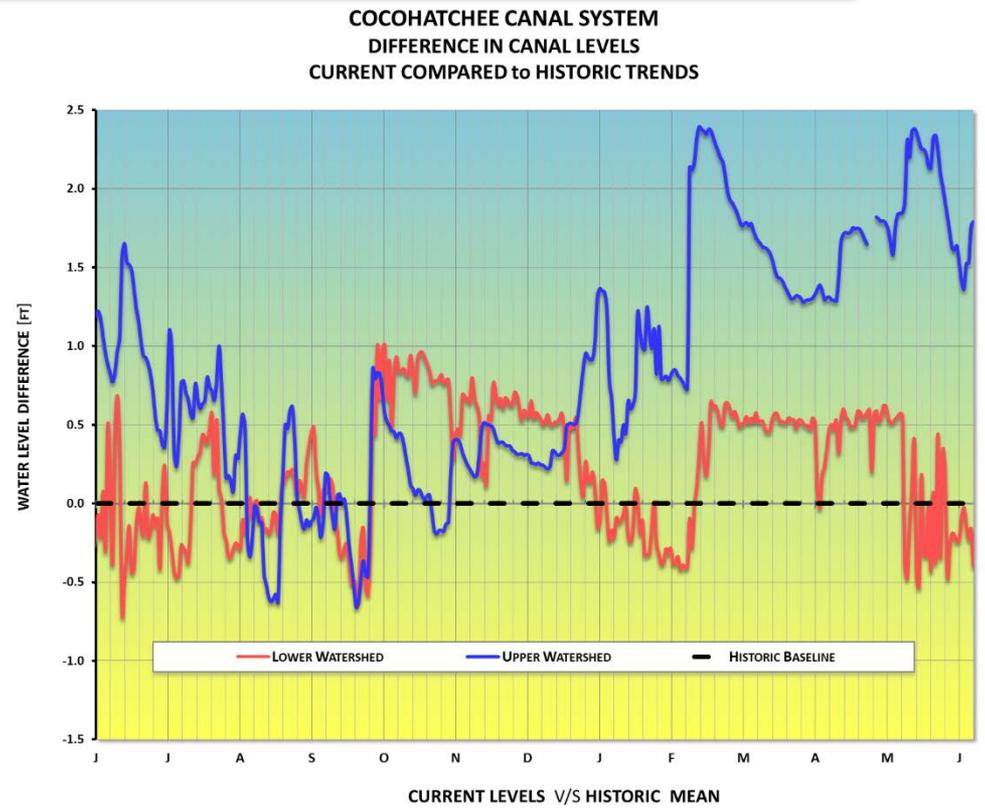
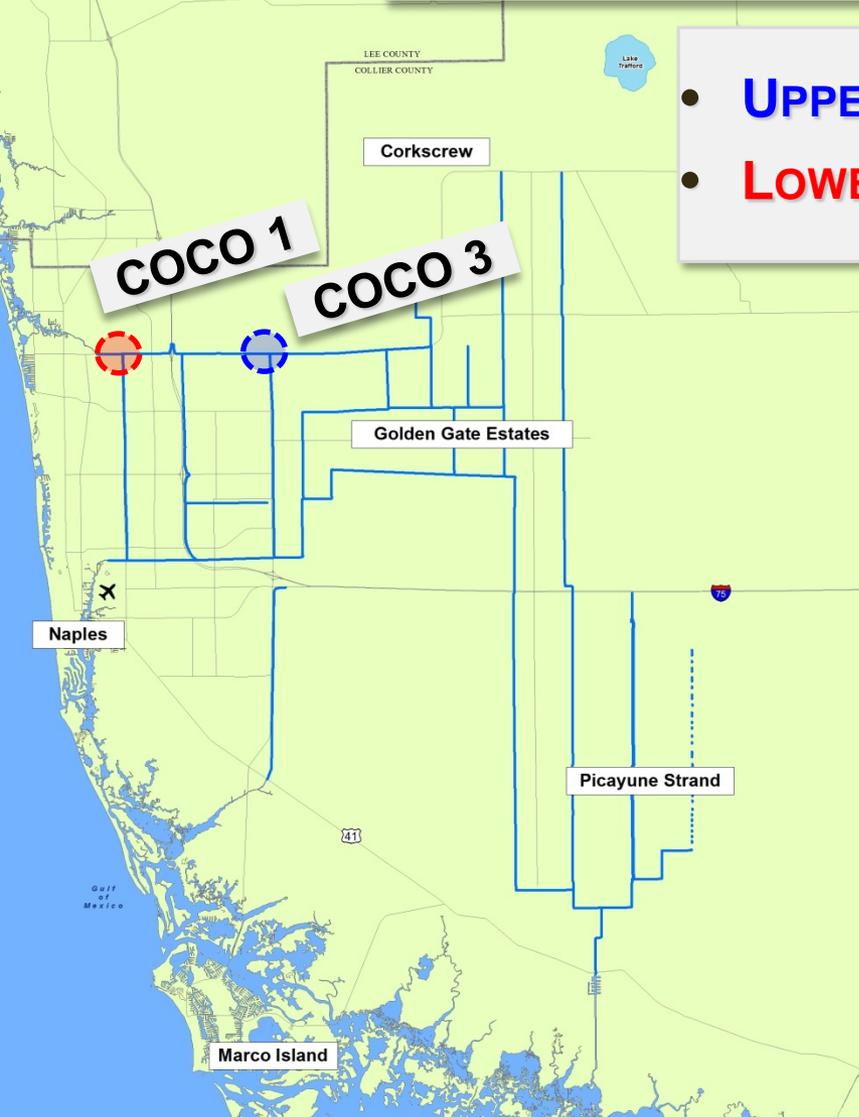
CURRENT LEVELS V/S HISTORIC MEAN



Canal System Levels ~ June 2016

COCO HATCHEE WATERSHED

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

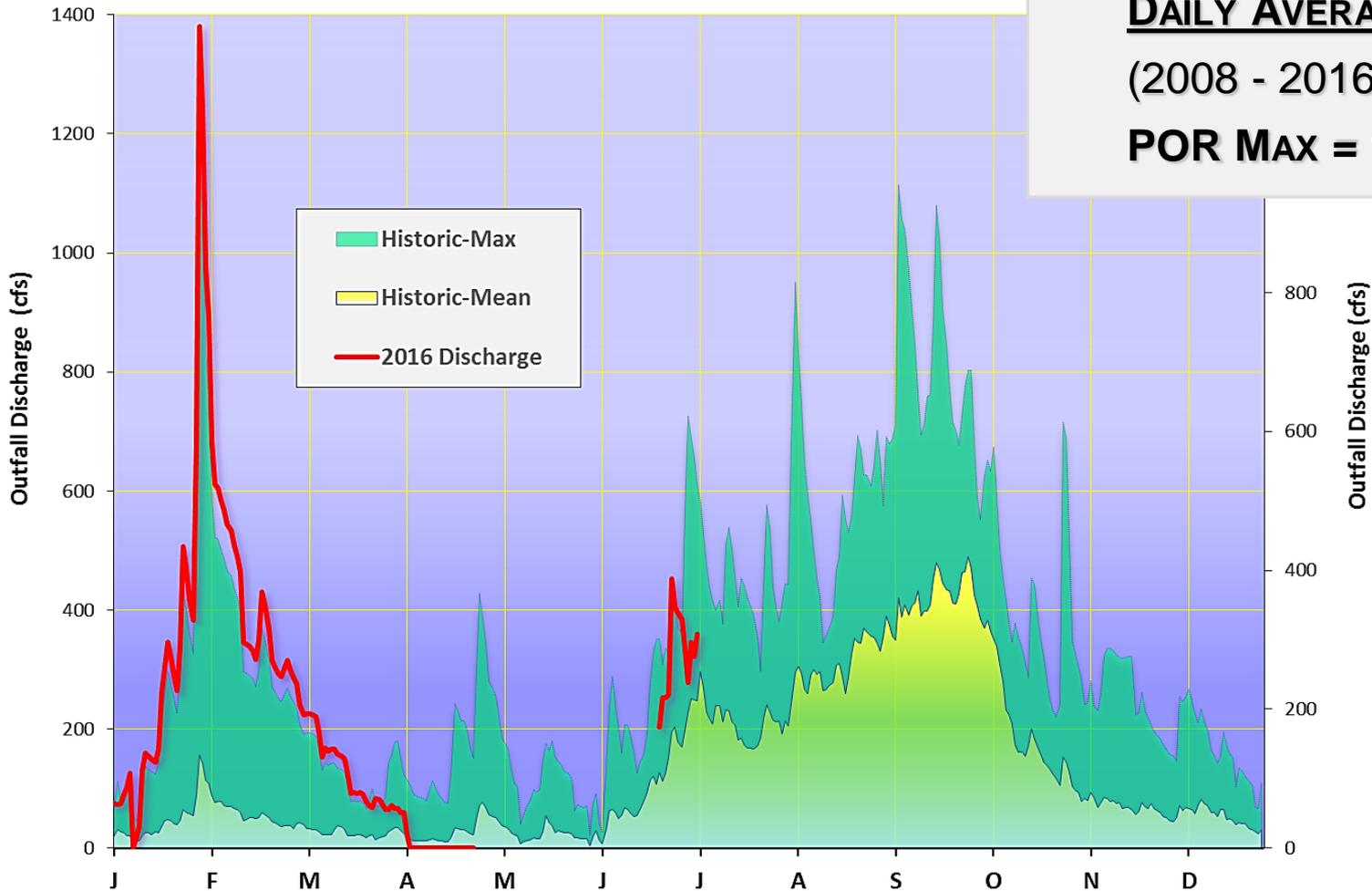




Canal System Outflow - 2016 Period

GOLDEN GATE MAIN

Golden Gate Main - Annual Discharge



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



BCB System Report ~ June 2016

JUNE SUMMARY

- 2016 rainfall at record levels (30" > 21") (max 30.1")
- Still partly due to January record rainfall
- June rainfall exceeds historic average
- Currently discharge at all outfalls
- Canal levels Normal : In Mid to Upper range for this time of year



BCB System Report ~ June 2016

- QUESTIONS?

