



# **Big Cypress Basin Board Meeting**

## **BCB Hydrologic Conditions**

**08/25/16**

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

Item No. 10A



# BCB Hydrologic Conditions ~ Rainfall

## JULY 2016

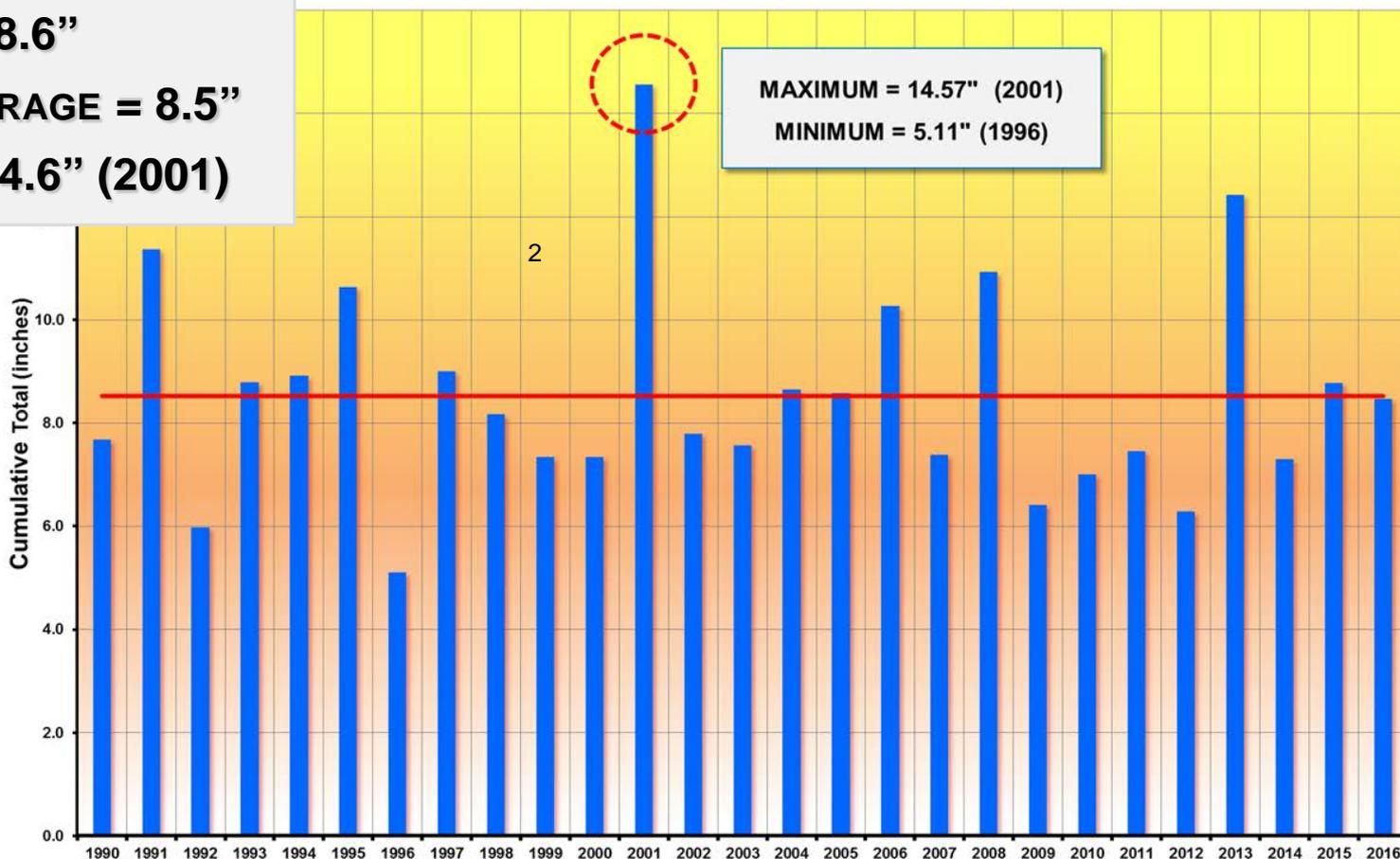
### HISTORIC TRENDS

**2016 JULY = 8.6"**

**HISTORIC AVERAGE = 8.5"**

**POR MAX = 14.6" (2001)**

**BCB JULY RAINFALL**  
Period (1990 ~ 2016)

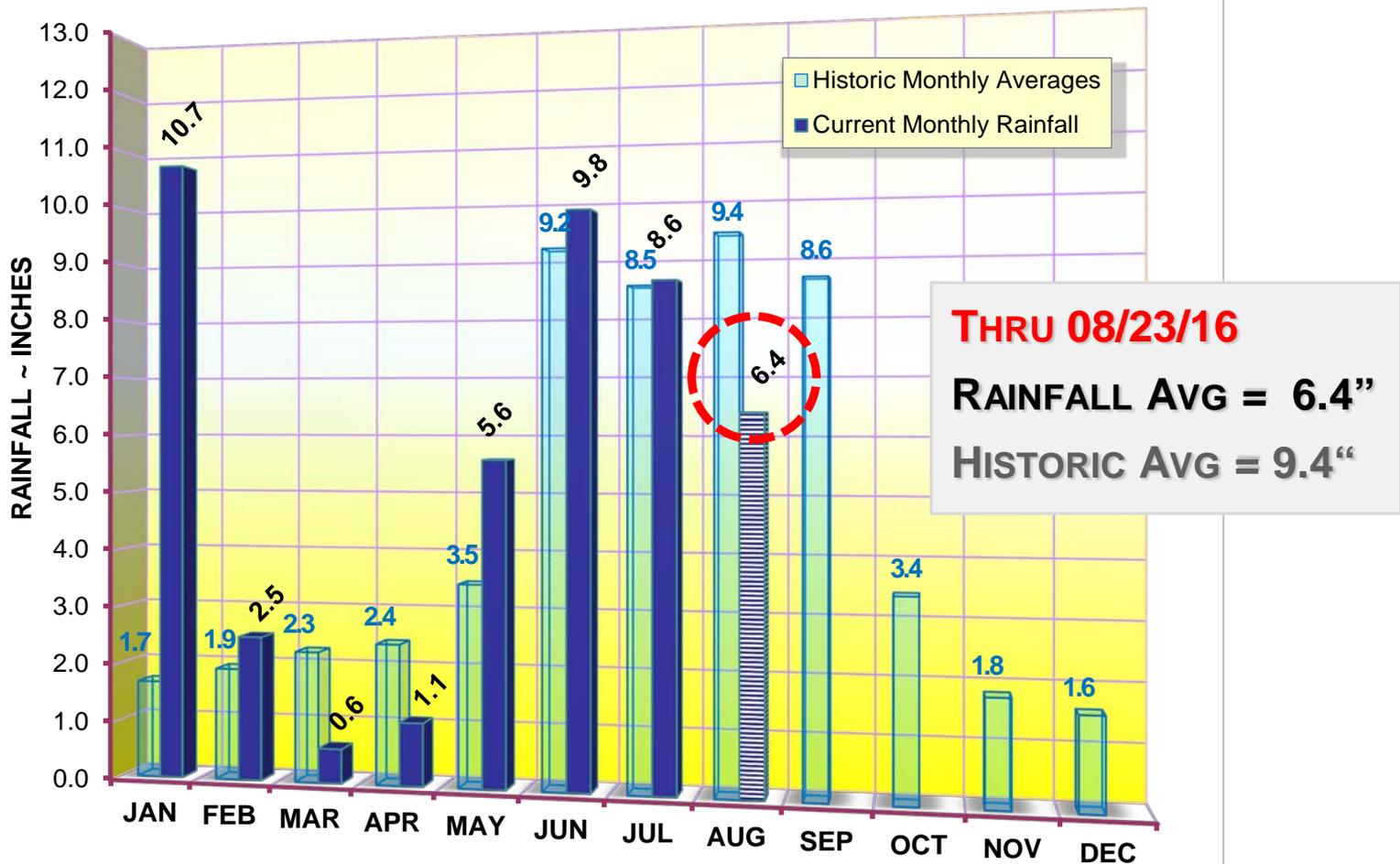




# BCB Hydrologic Conditions ~ Rainfall

**AUGUST 2016 (8/23)**

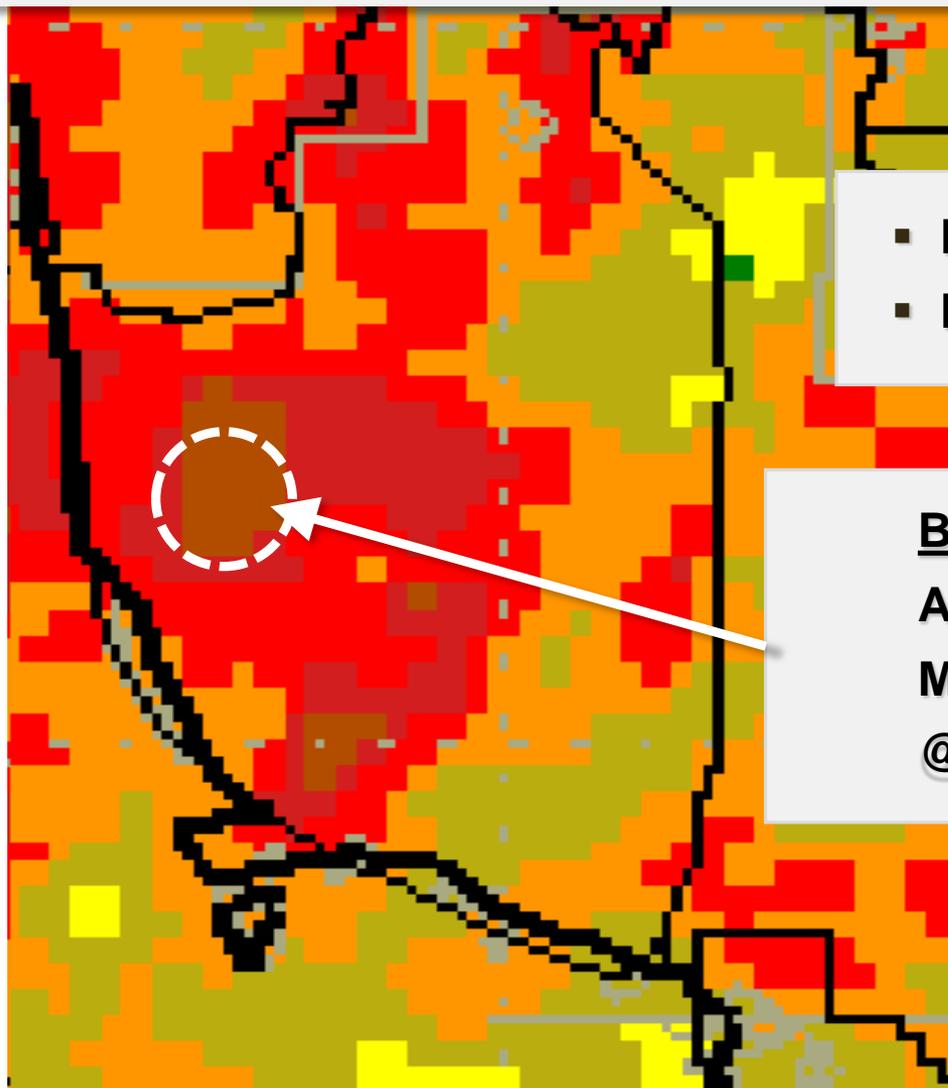
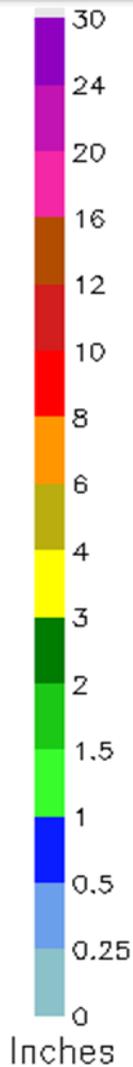
BCB ANNUAL RAINFALL  
MONTHLY DATA & HISTORIC AVERAGES





# BCB Hydrologic Conditions ~ Rainfall

## RAINDAR ESTIMATE PAST 30 DAYS



- DISTRIBUTED COVERAGE
- FOCUS CENTRAL COLLIER

### BASIN-WIDE / COLLIER

AVG > 8 INCHES

MAX = 15.2 INCHES

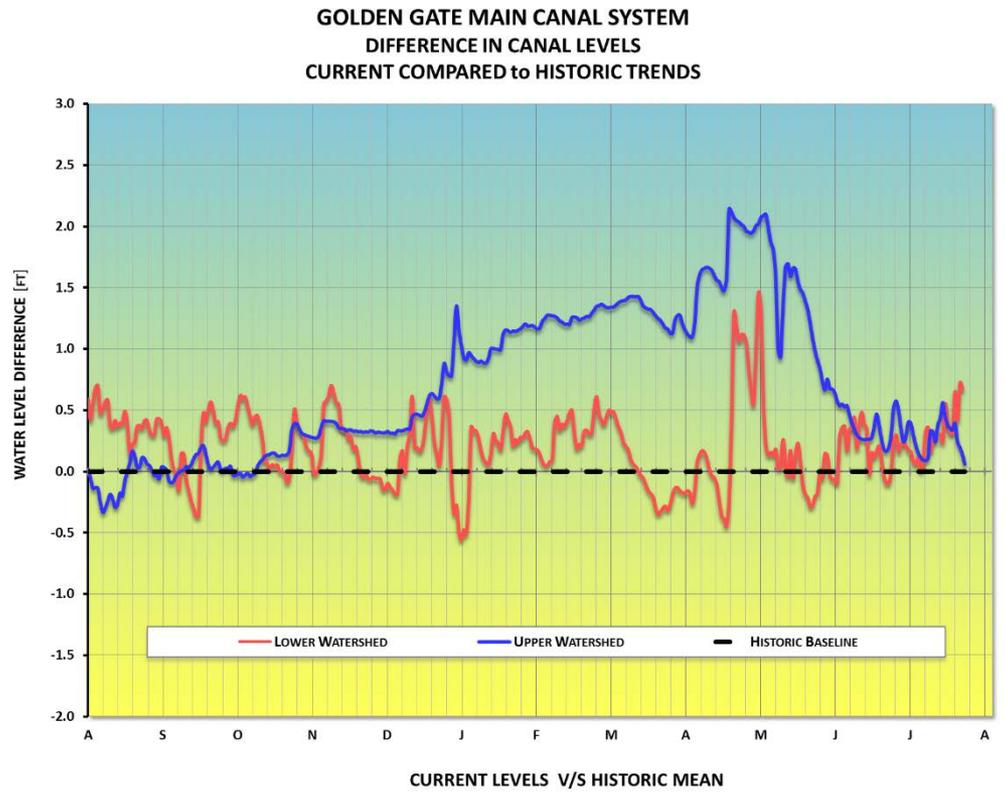
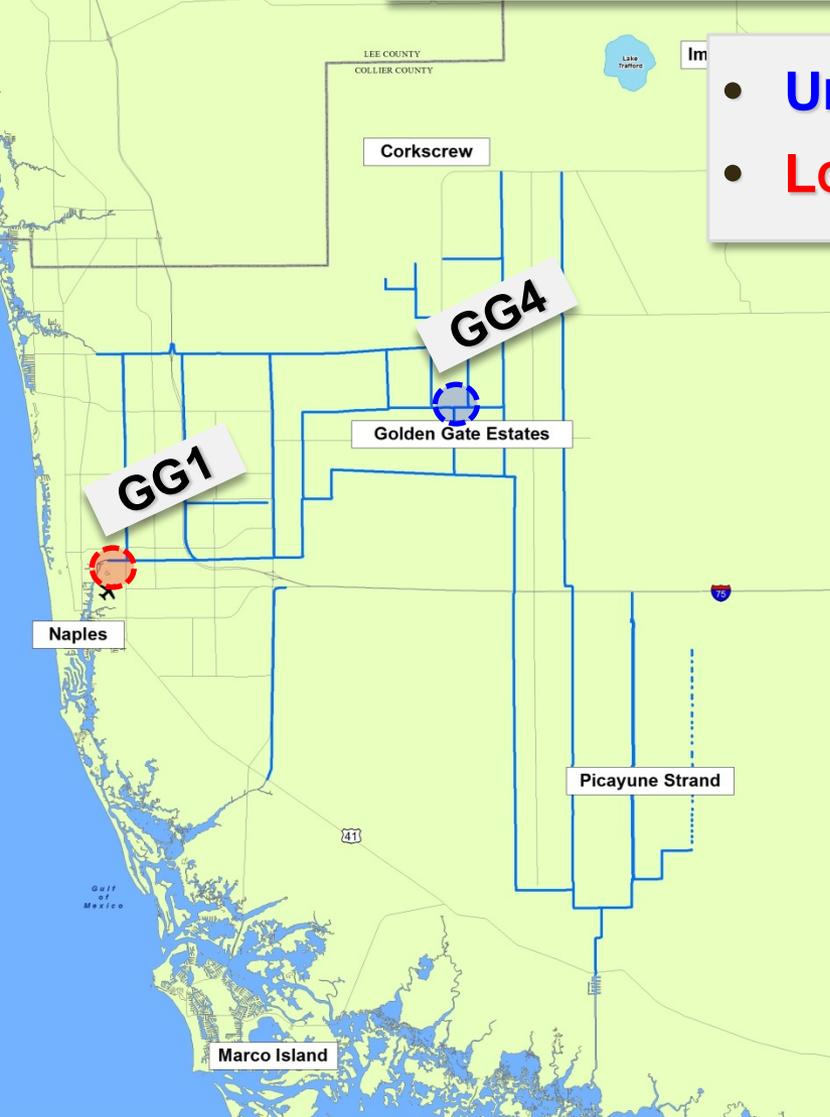
@ GG3



# Canal System Levels ~ August 2016

## GOLDEN GATE WATERSHED

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

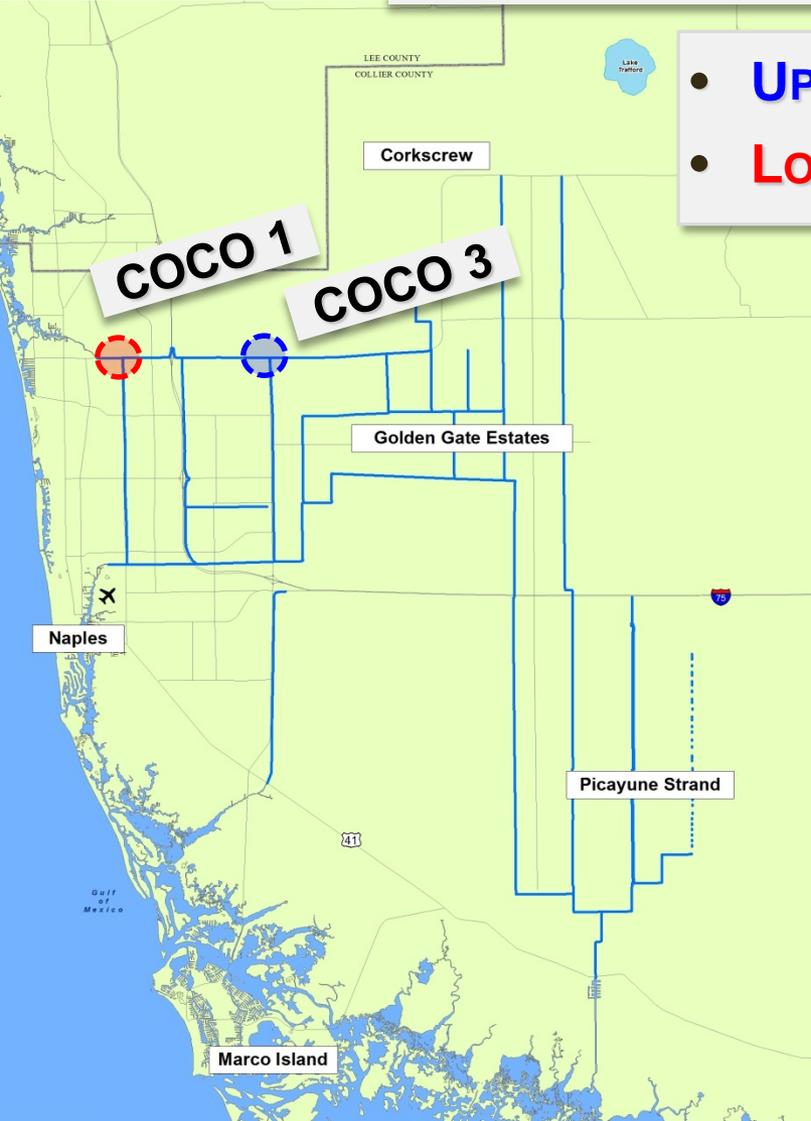




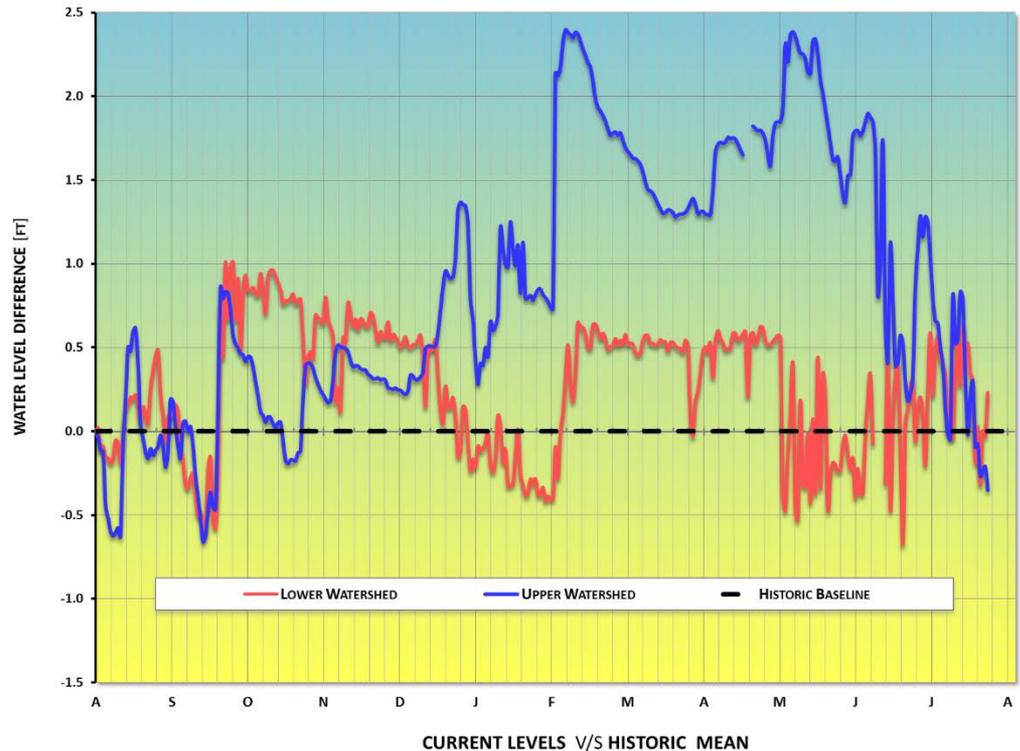
# Canal System Levels ~ August 2016

## COCOHATCHEE WATERSHED

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



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

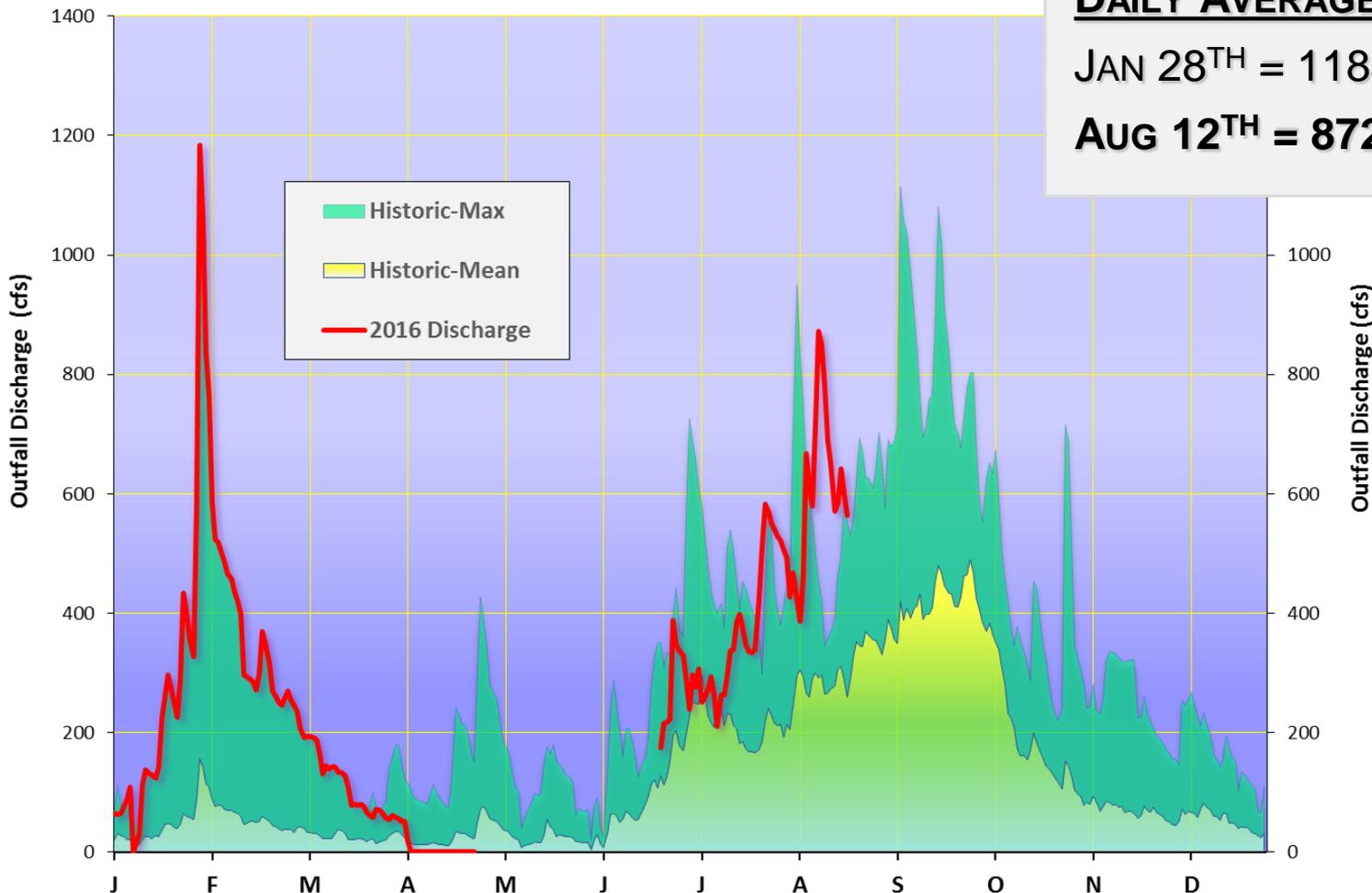




# Canal System Outflow - 2016 Period

## GOLDEN GATE MAIN

Golden Gate Main - Annual Discharge



**DAILY AVERAGE (2008-2016)**  
**JAN 28<sup>TH</sup> = 1183 CFS**  
**AUG 12<sup>TH</sup> = 872 CFS**



# BCB System Report ~ August 2016

## SUMMARY

- 2016 total rainfall at record levels ( +/- 46" > 39" ..to date)
- July rainfall matches historic average
- August rainfall on track for same
- All watersheds operating @ Wet Season capacity
- TD #7 (now – **Gaston**) / **Invest 99L** potentially in play for the Eastern Atlantic (activity peaks Sept 10)
- Canals in Mid / Upper range for this time of year



# BCB System Report ~ August 2016

- QUESTIONS?

