



Big Cypress Basin Board Meeting

BCB Hydrologic Conditions

01/28/16

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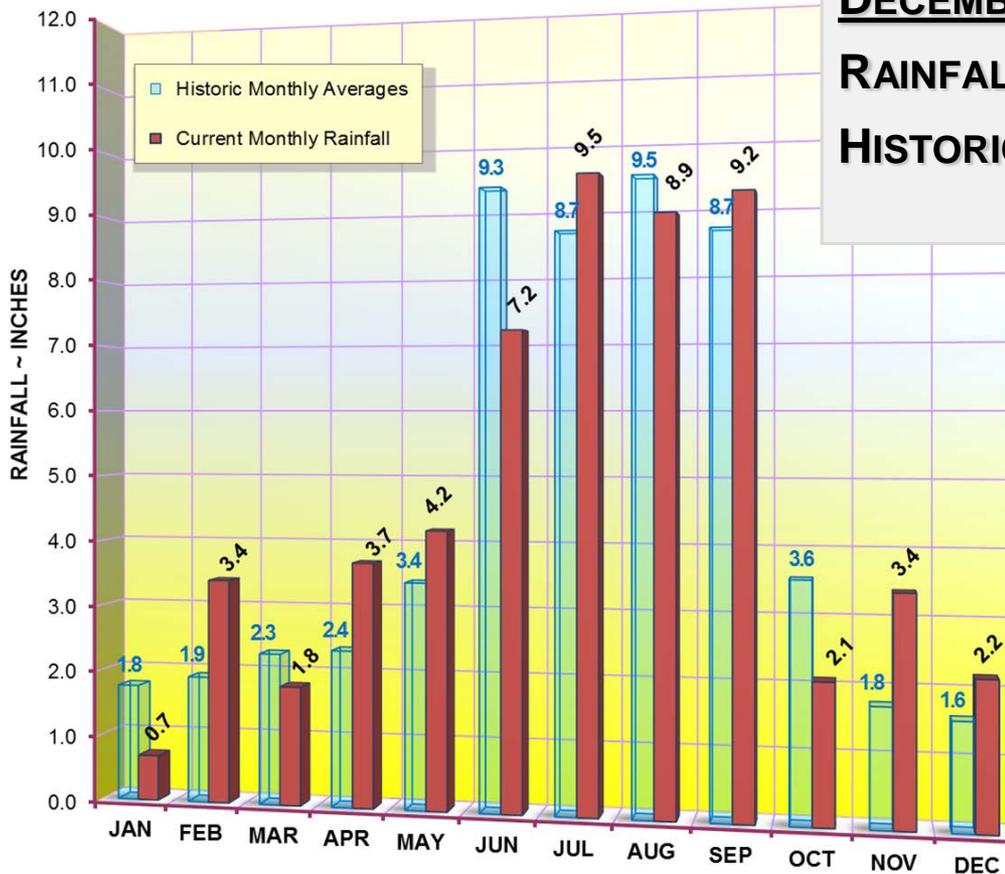
Item No. 13 A



BCB Hydrologic Conditions ~ Rainfall

DECEMBER 2015

BCB ANNUAL RAINFALL
MONTHLY DATA & HISTORIC AVERAGES



DECEMBER DATA

RAINFALL AVERAGE = 2.20"

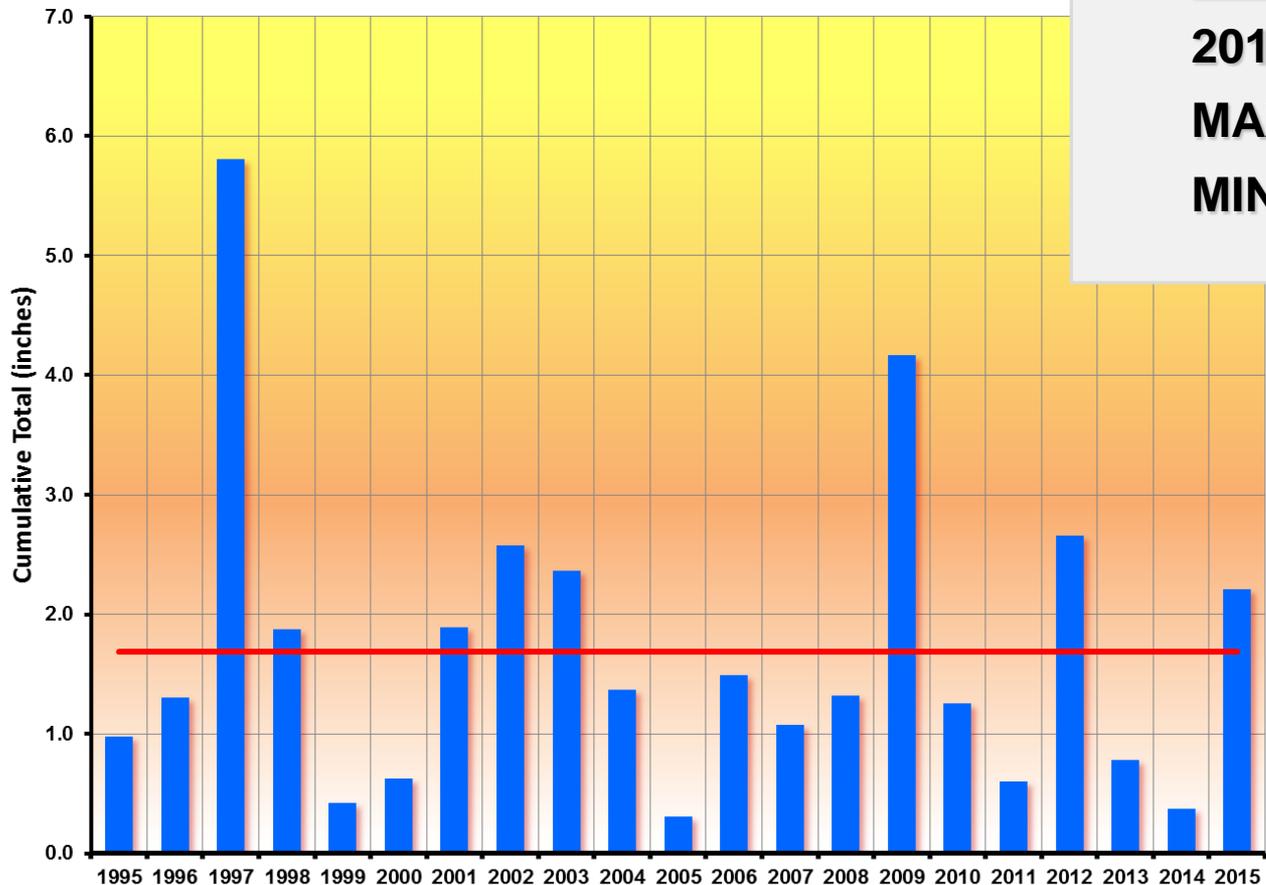
HISTORIC = 1.59" (+ 39%)



BCB Hydrologic Conditions ~ Rainfall

DECEMBER 2015

BCB DECEMBER RAINFALL
 Period (1995 ~ 2015)



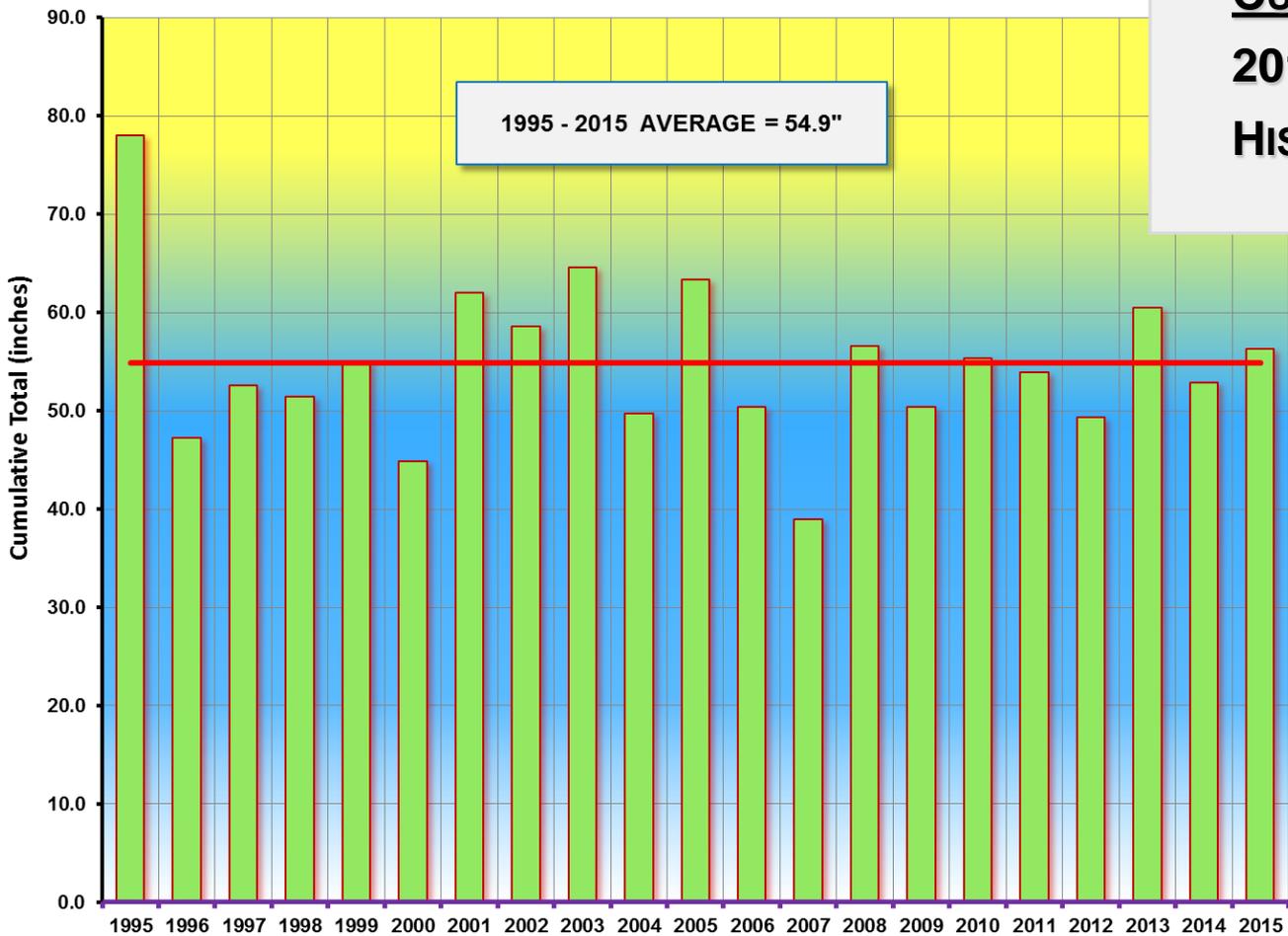
HISTORIC TRENDS
2015 DECEMBER = 2.2"
MAX = 5.8" (1997)
MIN = 0.3" (2005)



BCB Hydrologic Conditions ~ Rainfall

2015 ANNUAL

BCB AREA ANNUAL RAINFALL
 Period (1995 ~ 2015)



CUMULATIVE TOTALS
2015 AVERAGE = 56.3"
HISTORIC = 54.9"

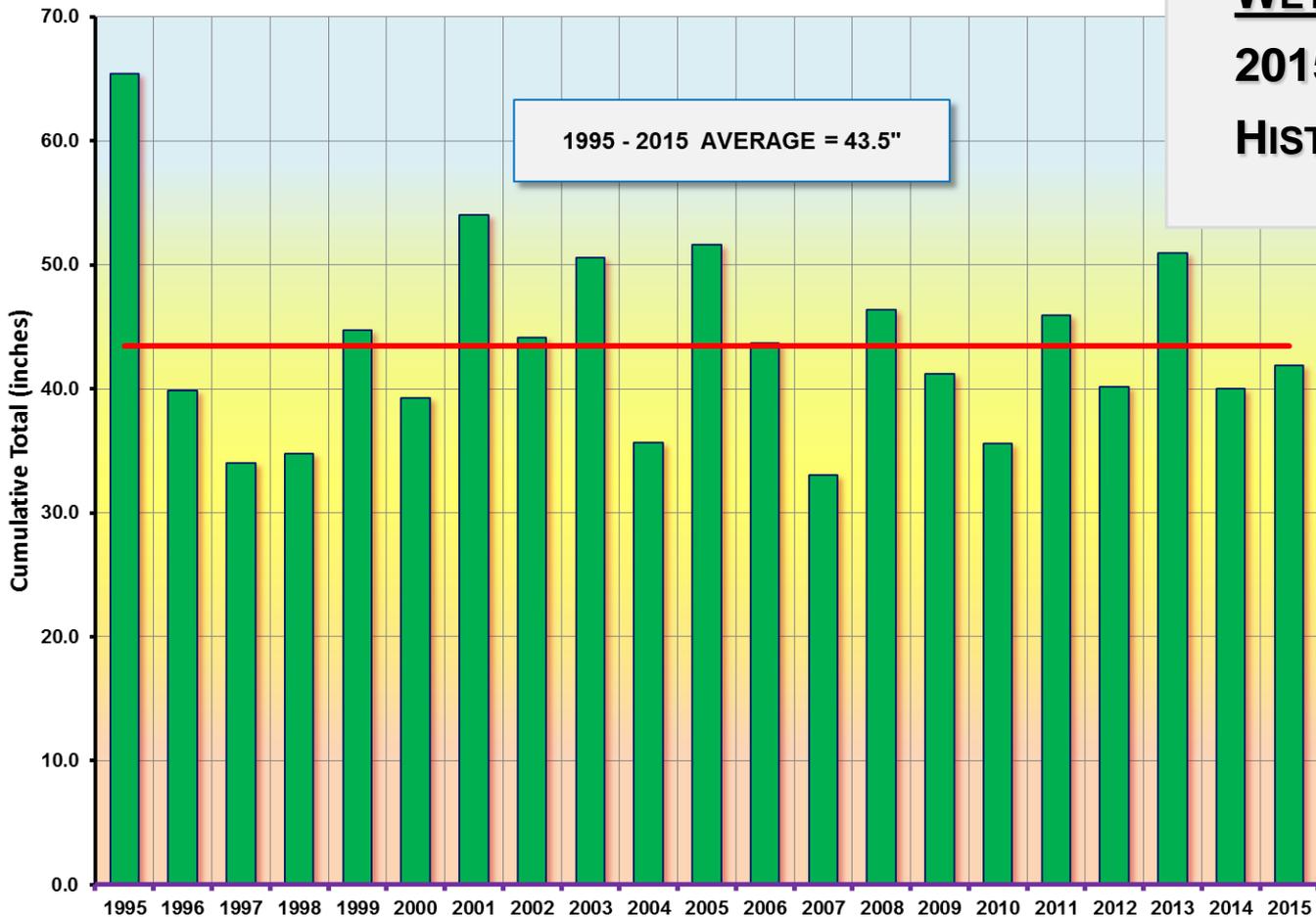


BCB Hydrologic Conditions ~ Rainfall

2015 ANNUAL

BCB WET SEASON RAINFALL
 Period (1995 ~ 2015)

WET SEASON (MAY - OCT)
2015 TOTALS = 41.9"
HISTORIC = 43.5"



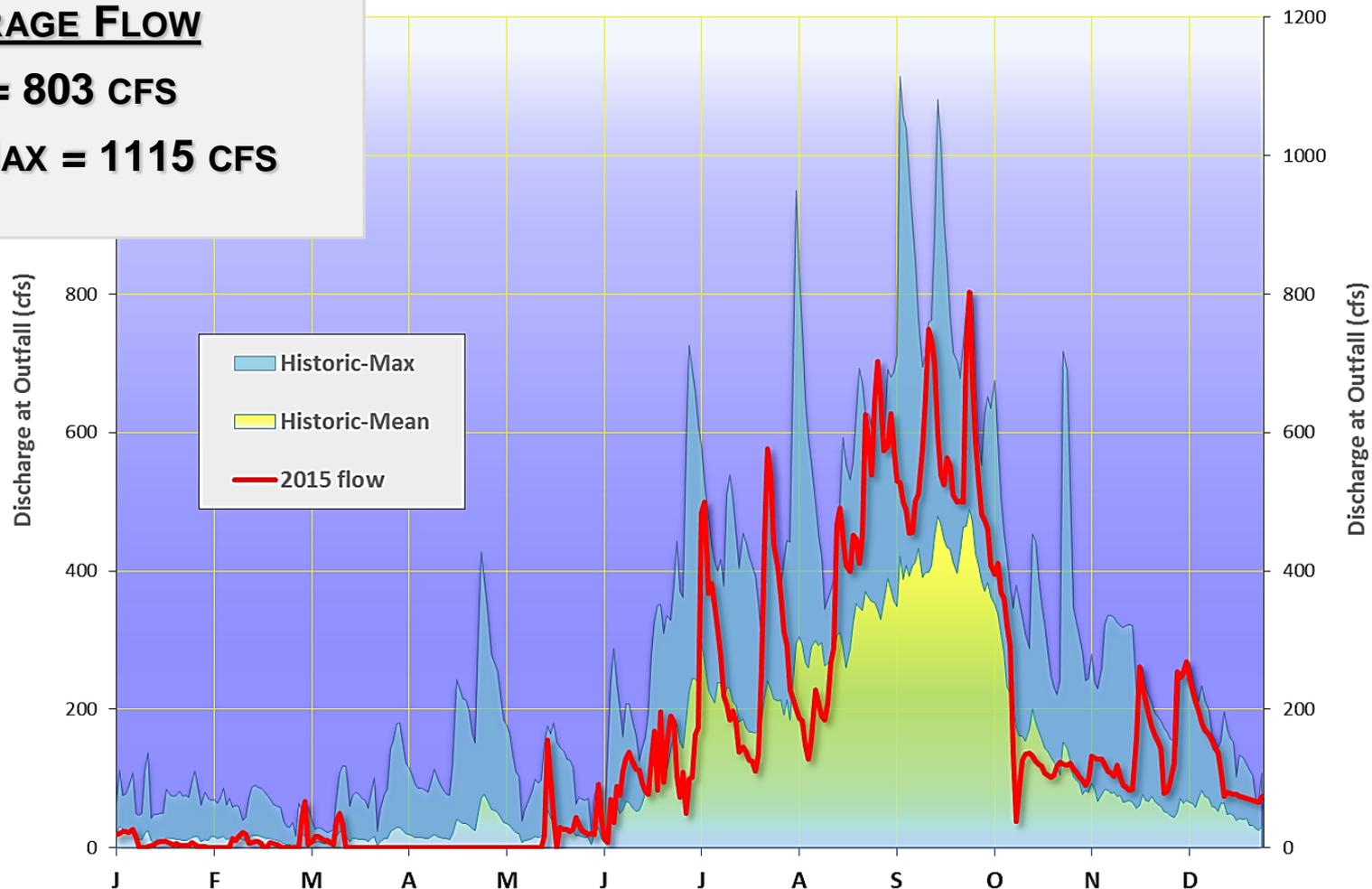


Canal System Outflow - 2015 Period

GOLDEN GATE MAIN

Golden Gate Main - Annual Outflow

DAILY AVERAGE FLOW
2015 MAX = 803 CFS
HISTORIC MAX = 1115 CFS





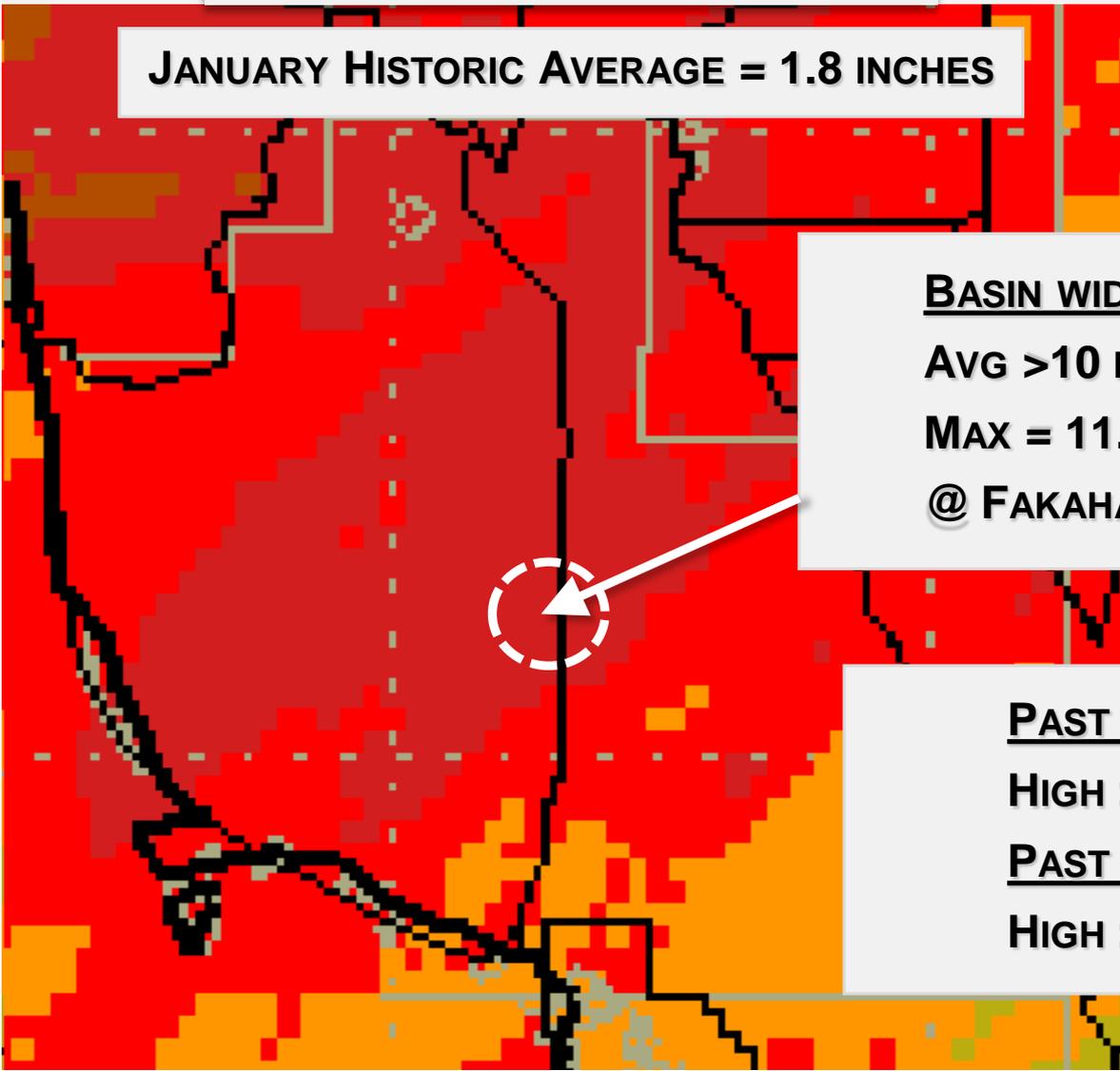
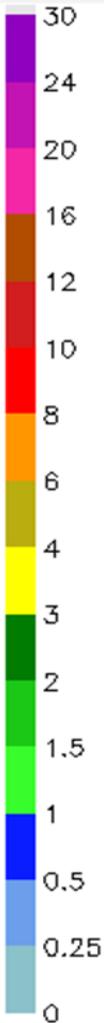
BCB Hydrologic Conditions ~ Rainfall

RAINDAR PAST 30 DAYS

JANUARY HISTORIC AVERAGE = 1.8 INCHES

BASIN WIDE / COLLIER
AVG >10 INCHES
MAX = 11.9 INCHES
@ FAKAHATCHEE NORTH

PAST 7 DAYS
HIGH > 10 INCHES
PAST 24 HRS
HIGH > 6 INCHES





BCB System Report ~ Dec / Jan 2016

2015 SUMMARY

- Annual total slightly above average (56.3" > 54.9")
- Wet season (May ~ October) slightly below (41.9" < 43.5")
- 2016 January- shaping up to be a record
 - Past 30 day Rainfall: 8 - 11 inches (1.8" historic)
- Effects of El Nino are being felt as predicted
- All canals systems discharging at high-moderate levels
- No significant flooding reported



BCB System Report ~ Dec /Jan 2016

- QUESTIONS?

