



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: SEPTEMBER 11, 2017

GENERAL MANAGER'S REPORT

ITEM NO: 13

**Riverside Public Utilities
Drought and Conservation Efforts / Groundwater Level Update
As of
July 2017**

Conservation Efforts

For the month of July 2017, Riverside resident's water conservation reached 11%. Cumulatively it is at 15% from June 2016 to July 2017 (Figure 1). This translates to 12,916 Acre-feet (4,209 million gallons) of potable water being conserved.

On a Regional scale, Riverside resident's water consumption; measured in gallons per capita per day (Residential-GPCD) is comparable to the aggregate consumption within the surrounding ten water agencies (Figure 2). RPU's Residential-GPCD moved a little higher than the regional Residential-GPCD in the months of May and June 2017, but it is at the same level regionally since January 2017.

Basin Groundwater Levels

Groundwater production continues to increase and as a result, groundwater levels are decreasing; as expected for this time of year. However compared to last year, water levels are 9 feet lower in Bunker Hill and 0.5 feet lower in the Riverside North Basin. Water levels in the Rialto-Colton and Riverside South basins are relatively stable.

Figure 1: RPU Total Urban Water Production Percent Saving During Mandatory Conservation Starting June 2016 Compared to 2013 Baseline

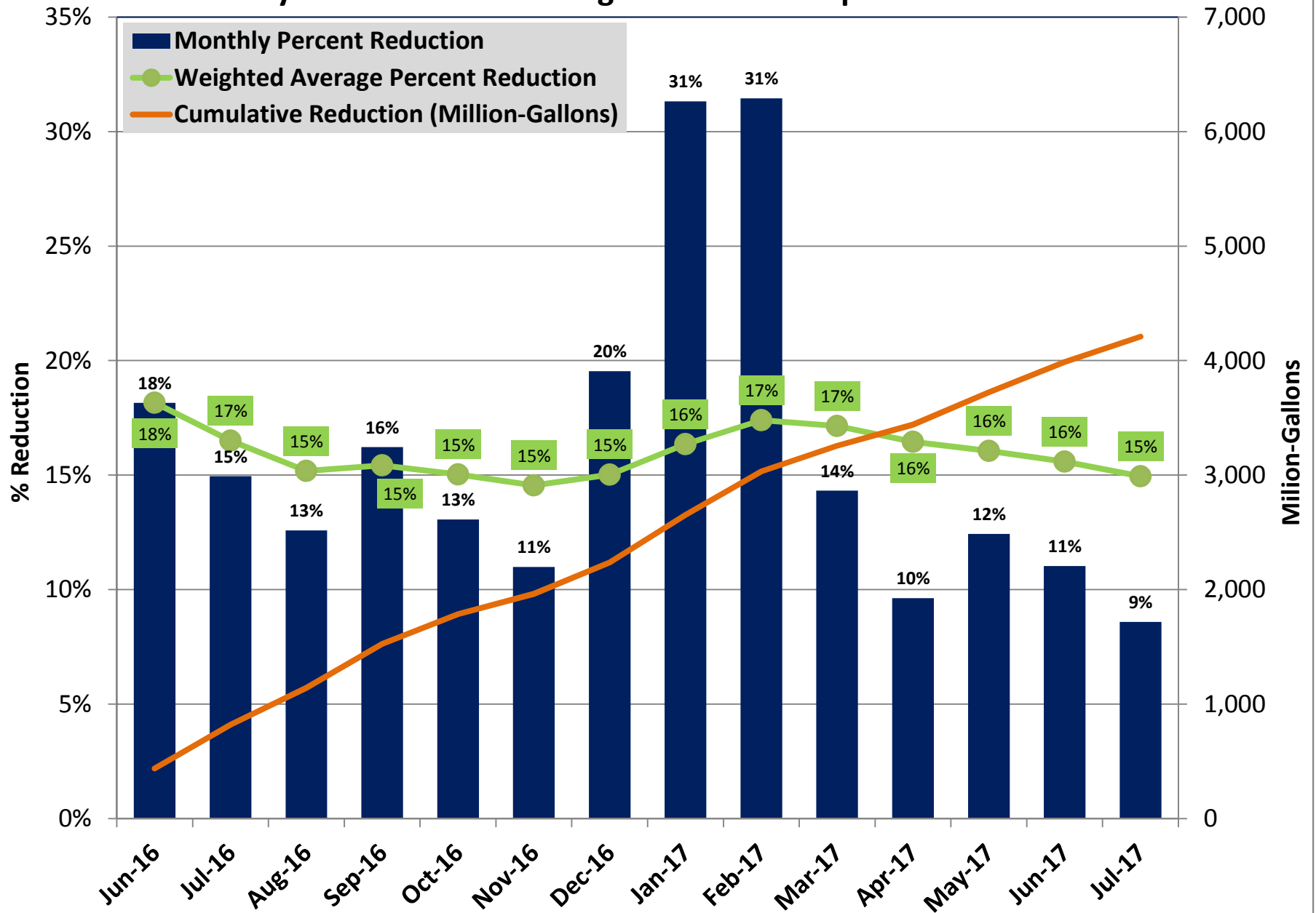
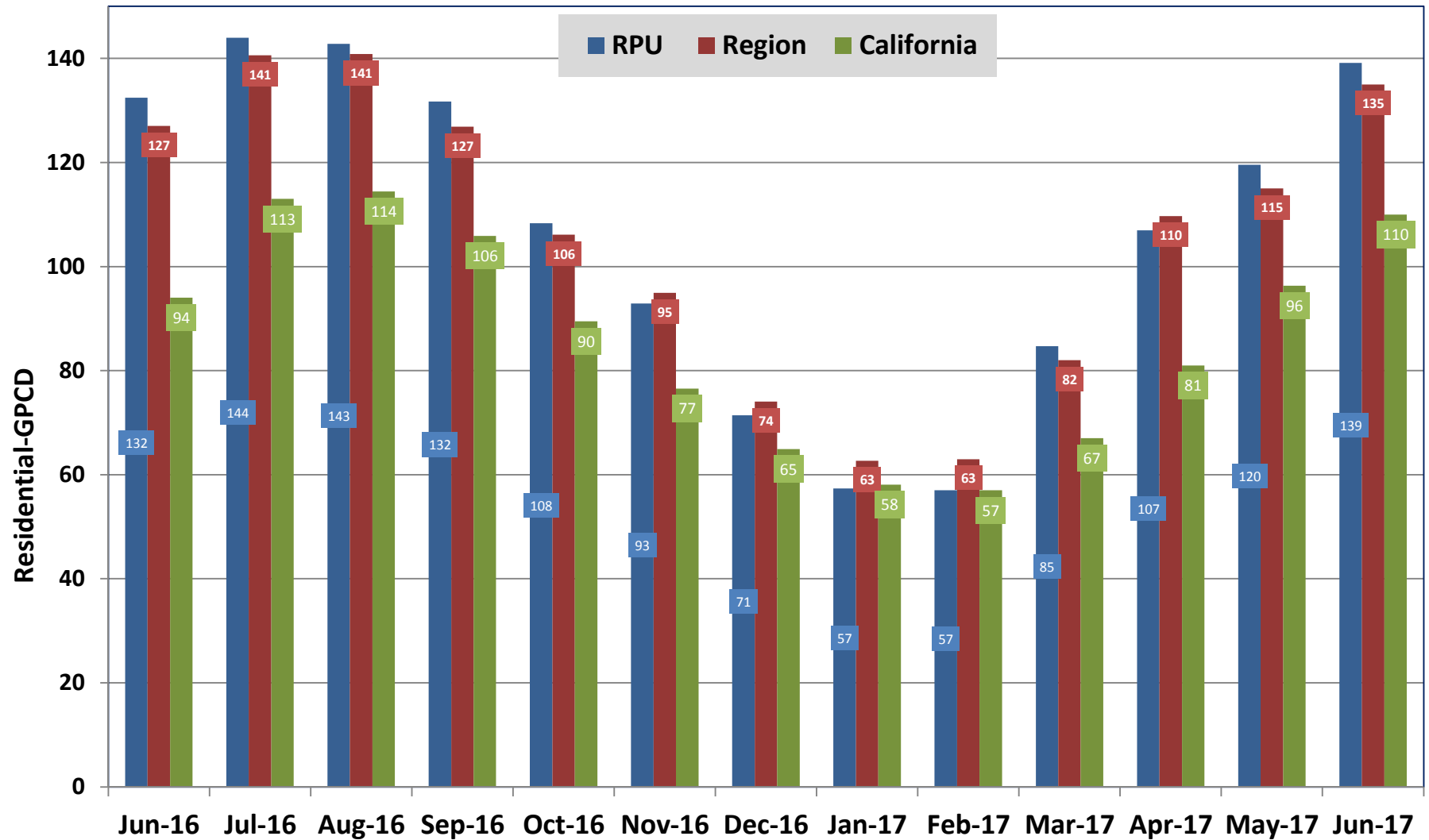


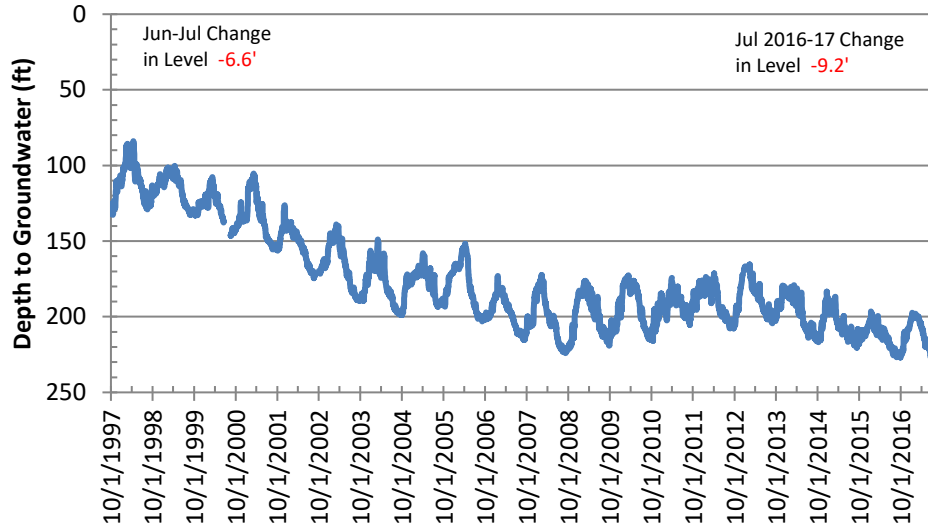
Figure 2: Regional Residential-GPCD Comparison



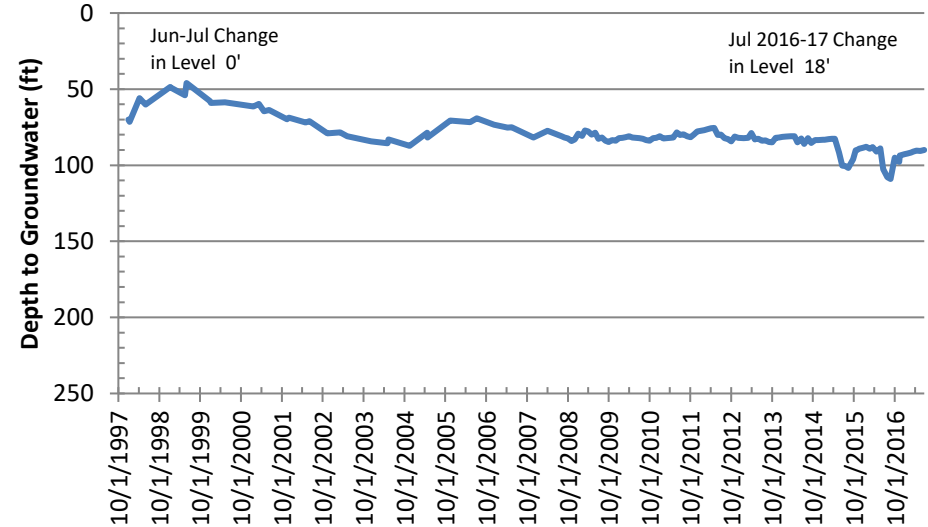
Region Includes: Western Municipal Water District of Riverside, Eastern Municipal Water District, San Bernardino City of, Corona City of, Elsinore Valley Municipal Water District, Lee Lake Water District, East Valley Water District, Norco City of, Jurupa Community Service District, and Riverside Highland Water Company.

Figure 3: Basin Groundwater Levels

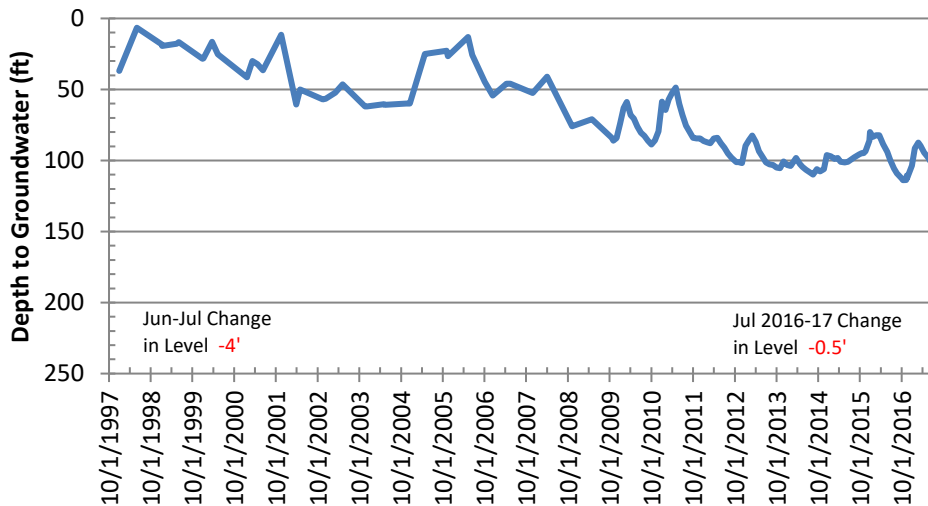
Bunker Hill Basin Sierra High School (USGS)



Rialto-Colton Basin Johnson 1



Riverside North Basin Flume 5



Riverside South Basin Cunningham

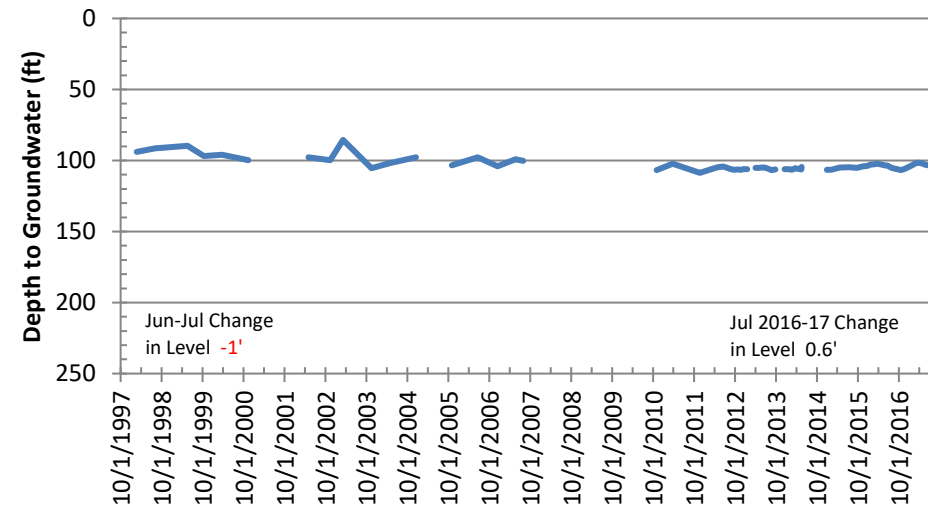


Figure 4: Basin Groundwater Levels

