RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES **DATE:** JULY 10, 2017

GENERAL MANAGER'S REPORT

ITEM NO: 18

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

Conservation Efforts

For the month of May 2017, Riverside residents' water conservation reached 12%; cumulatively it is at 16% from June 2016 to May 2017 (Figure 1). This translates to 10,556 Acre-feet (3,723 million gallons) of potable water conserved.

On a Regional scale, Riverside residents' 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). In the last quarter RPU's Residential-GPCD was lower than the regional Residential-GPCD by 8 units.

Basin Groundwater Levels

Temperatures are rising, groundwater production is increasing, and groundwater levels are decreasing; as expected for this time of year. However, groundwater levels are relatively lower this May compared to May of 2016. Water levels are 6 ft lower in the Bunker Hill Basin, 2 ft lower in the Rialto-Colton Basin, and 4 ft lower in the Riverside North Basin. Groundwater levels in the Riverside South basin remain unchanged (Figure 3).

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

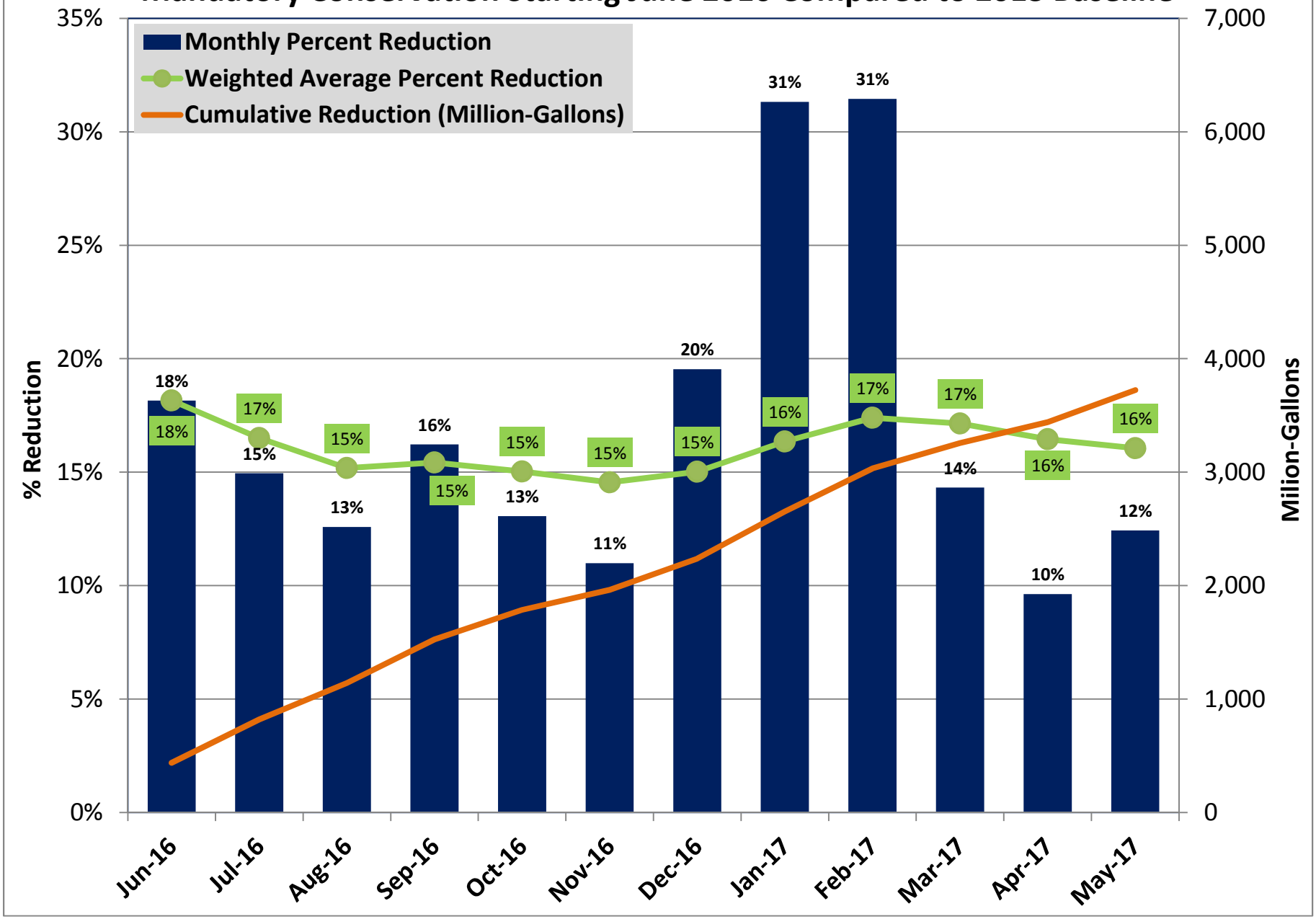
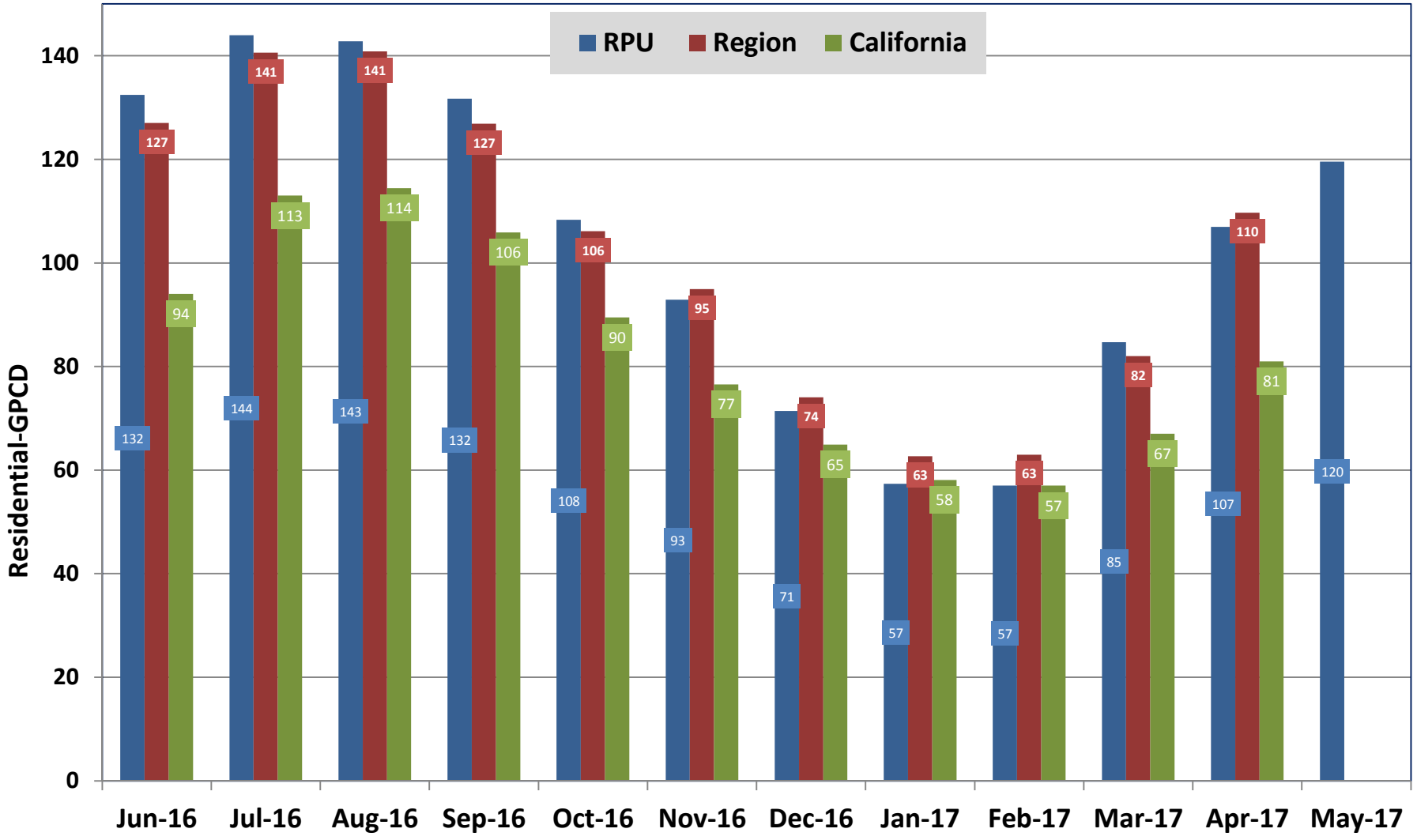
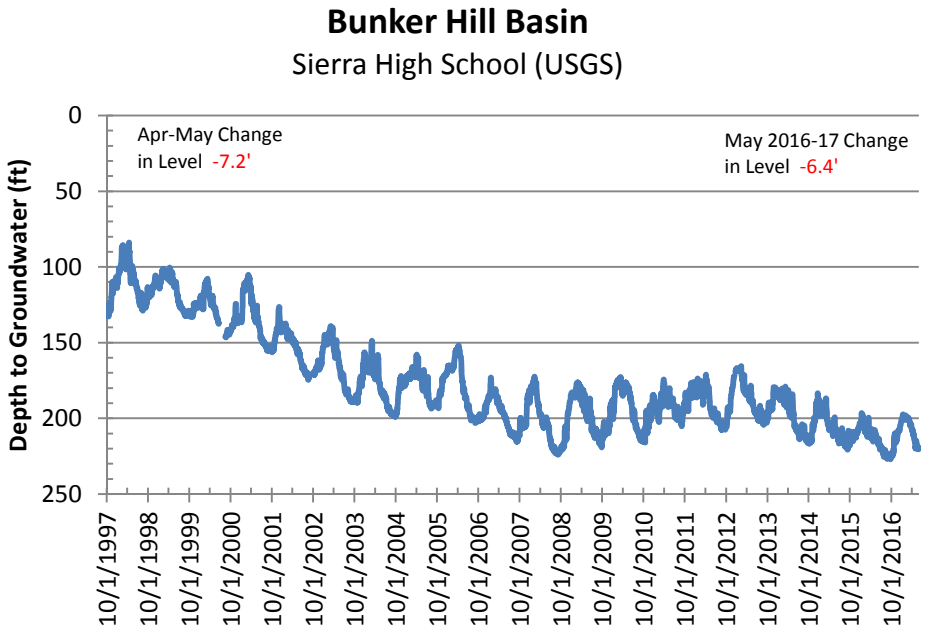


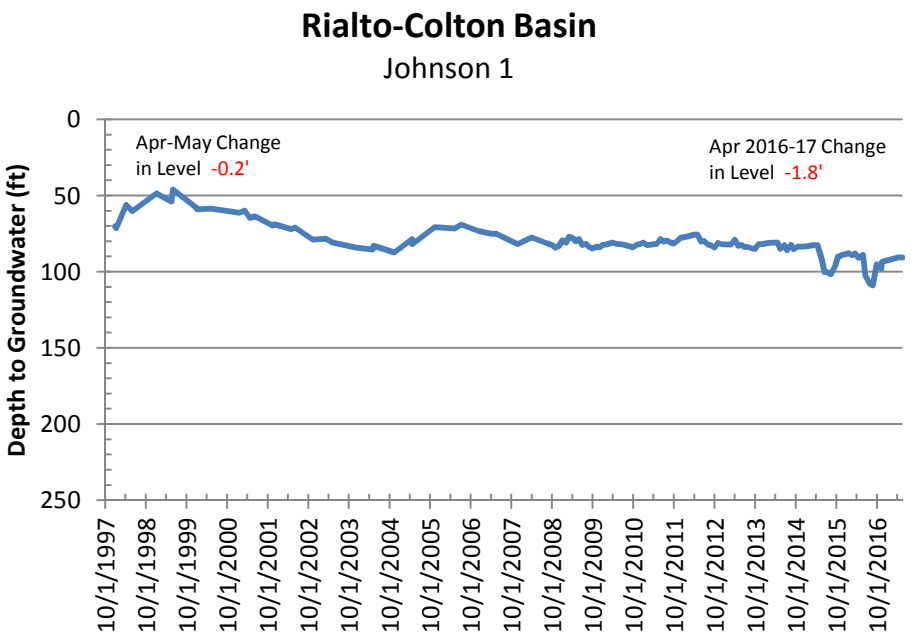
Figure 2: Regional Residential-GPCD Comparison

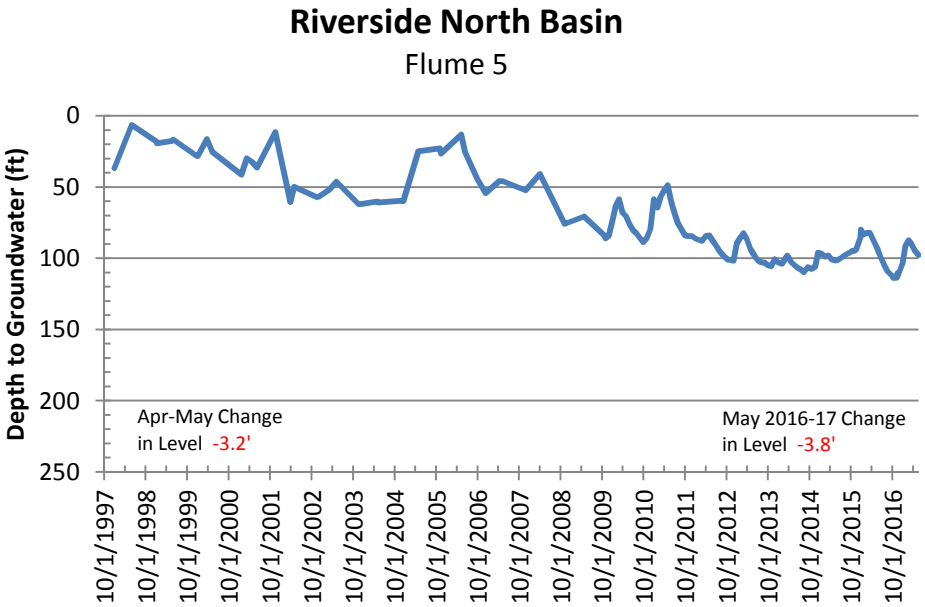


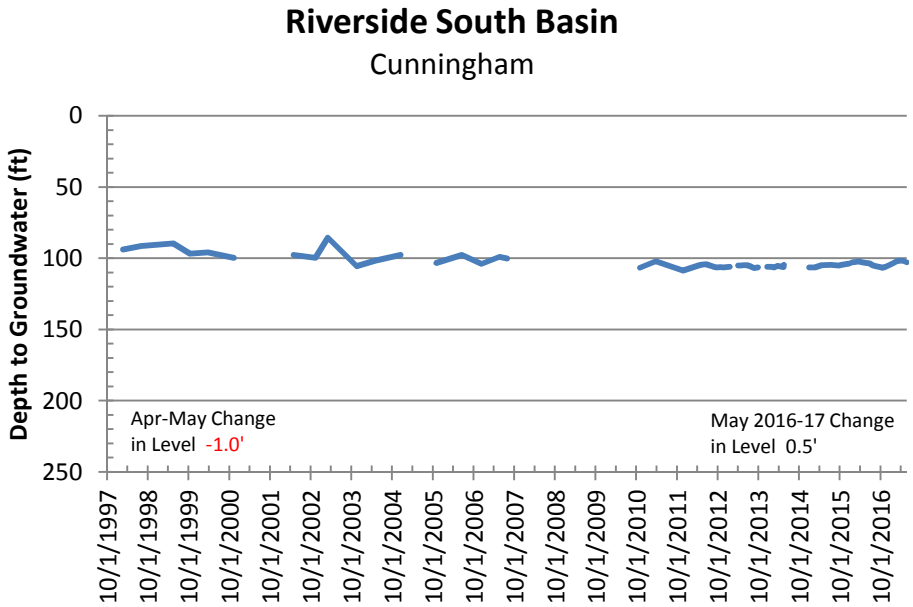
Region Includes: Western Municipal Water District of Riverside, Eastern Municipal Water District, San Bernardino City of, Corona City of, Elsinore Valley Municipal Water District, Lee Lake Water District, East Valley Water District, Norco City of, Jurupa Community Service District, and Riverside Highland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

Figure 3: Basin Groundwater Levels



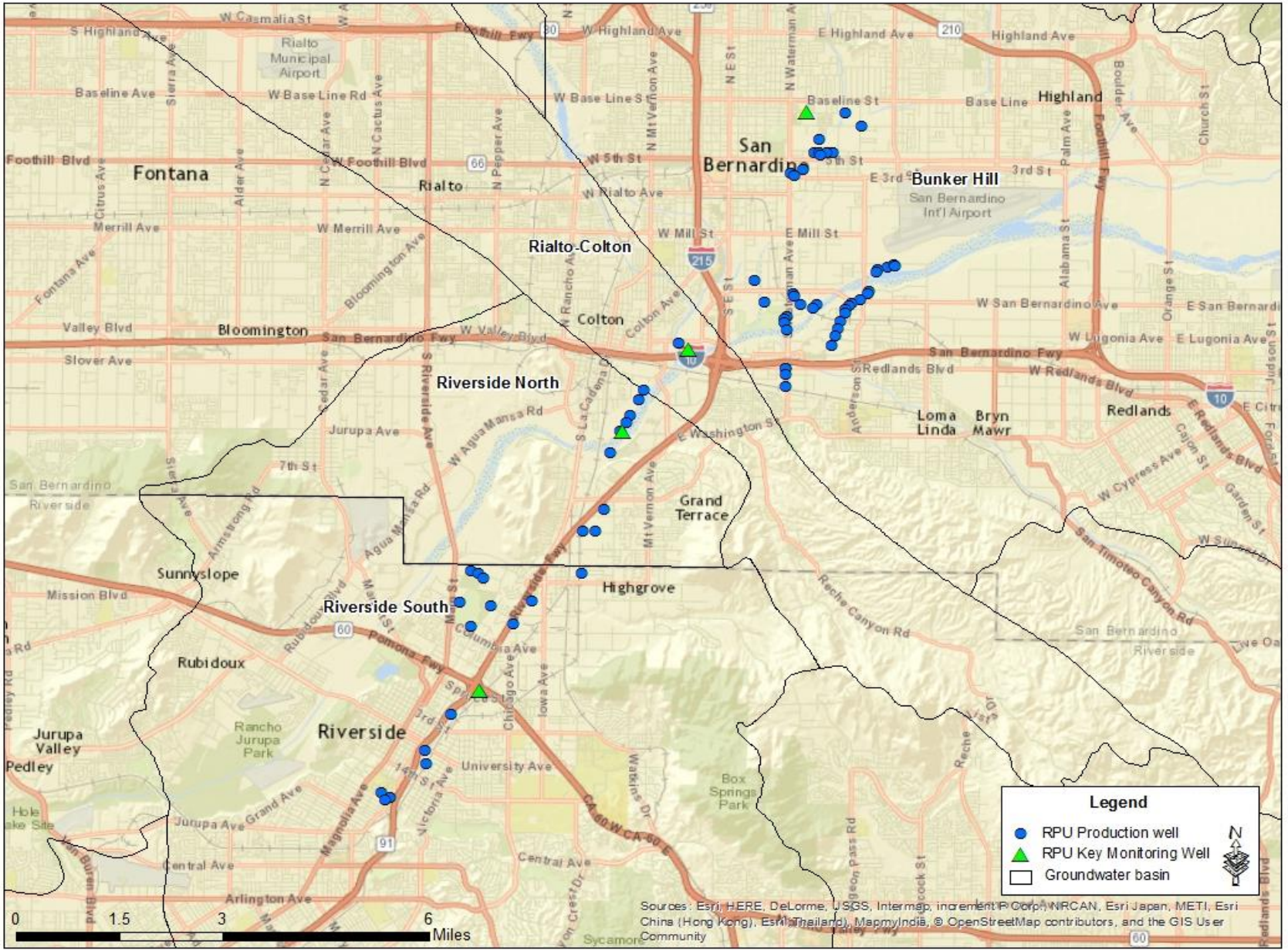






April 2017

Basin Groundwater Levels



April 2017