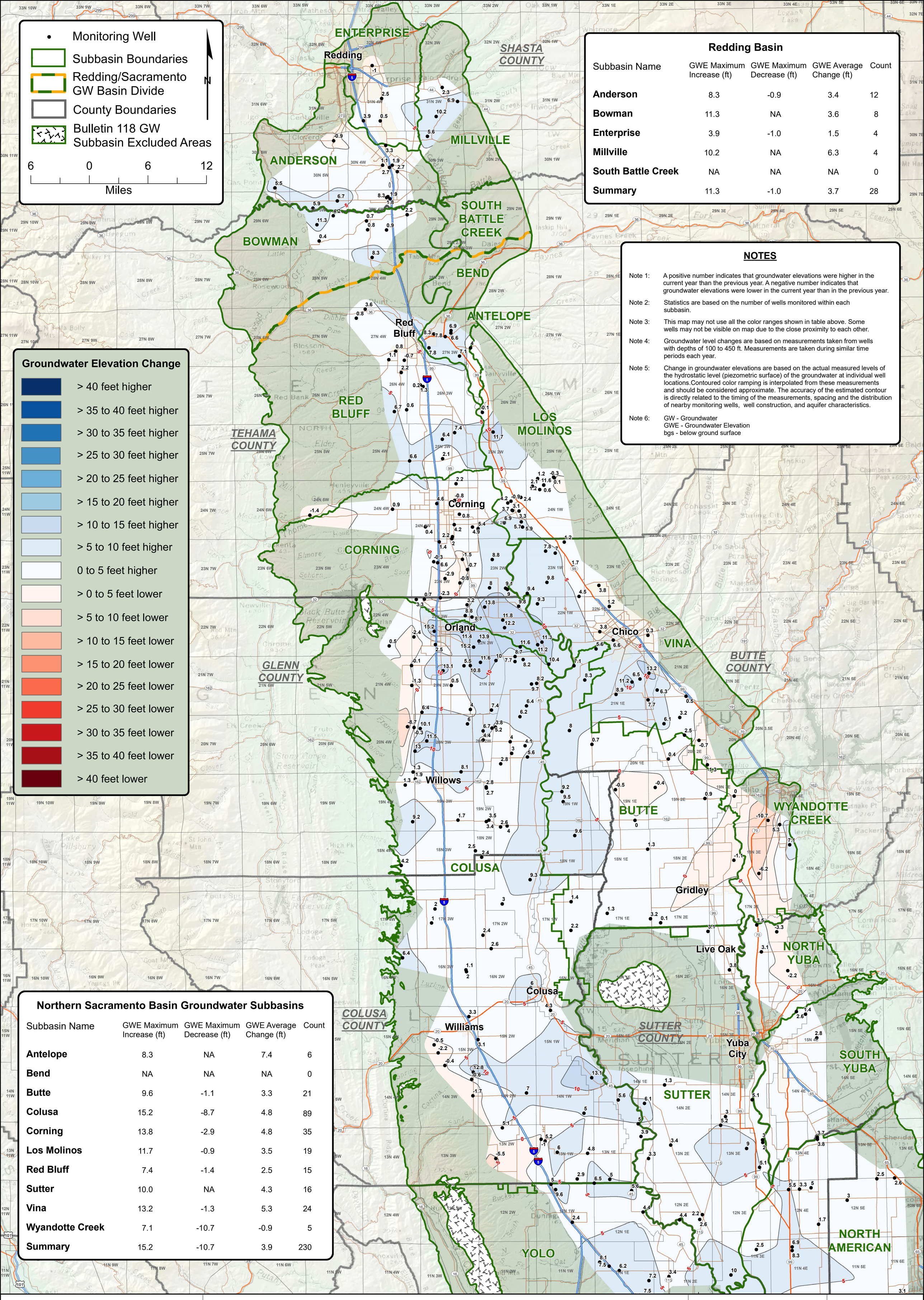


## Redding Basin

| Subbasin Name | GWE Maximum Increase (ft) | GWE Maximum Decrease (ft) | GWE Average Change (ft) | Count |
|---|---|---|---|---|
| **Anderson** | 8.3 | -0.9 | 3.4 | 12 |
| **Bowman** | 11.3 | NA | 3.6 | 8 |
| **Enterprise** | 3.9 | -1.0 | 1.5 | 4 |
| **Millville** | 10.2 | NA | 6.3 | 4 |
| **South Battle Creek** | NA | NA | NA | 0 |
| **Summary** | 11.3 | -1.0 | 3.7 | 28 |

## NOTES

Note 1: A positive number indicates that groundwater elevations were higher in the current year than the previous year. A negative number indicates that groundwater elevations were lower in the current year than in the previous year.

Note 2: Statistics are based on the number of wells monitored within each subbasin.

Note 3: This map may not use all the color ranges shown in table above. Some wells may not be visible on map due to the close proximity to each other.

Note 4: Groundwater level changes are based on measurements taken from wells with depths of 100 to 450 ft. Measurements are taken during similar time periods each year.

Note 5: Change in groundwater elevations are based on the actual measured levels of the hydrostatic level (piezometric surface) of the groundwater at individual well locations.Contoured color ramping is interpolated from these measurements and should be considered approximate. The accuracy of the estimated contour is directly related to the timing of the measurements, spacing and the distribution of nearby monitoring wells, well construction, and aquifer characteristics.

Note 6: GW - Groundwater
GWE - Groundwater Elevation
bgs - below ground surface

## Northern Sacramento Basin Groundwater Subbasins

| Subbasin Name | GWE Maximum Increase (ft) | GWE Maximum Decrease (ft) | GWE Average Change (ft) | Count |
|---|---|---|---|---|
| **Antelope** | 8.3 | NA | 7.4 | 6 |
| **Bend** | NA | NA | NA | 0 |
| **Butte** | 9.6 | -1.1 | 3.3 | 21 |
| **Colusa** | 15.2 | -8.7 | 4.8 | 89 |
| **Corning** | 13.8 | -2.9 | 4.8 | 35 |
| **Los Molinos** | 11.7 | -0.9 | 3.5 | 19 |
| **Red Bluff** | 7.4 | -1.4 | 2.5 | 15 |
| **Sutter** | 10.0 | NA | 4.3 | 16 |
| **Vina** | 13.2 | -1.3 | 5.3 | 24 |
| **Wyandotte Creek** | 7.1 | -10.7 | -0.9 | 5 |
| **Summary** | 15.2 | -10.7 | 3.9 | 230 |


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THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
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# NORTHERN SACRAMENTO VALLEY CHANGE IN GROUNDWATER ELEVATION MAP SPRING 2018 TO SPRING 2019

## 100 to 450 ft WELL DEPTHS

(Well depths greater than 100 ft and less than 450 ft deep bgs)

**PLATE 1C-B**

Date: May 2019

BY: A. Scholzen