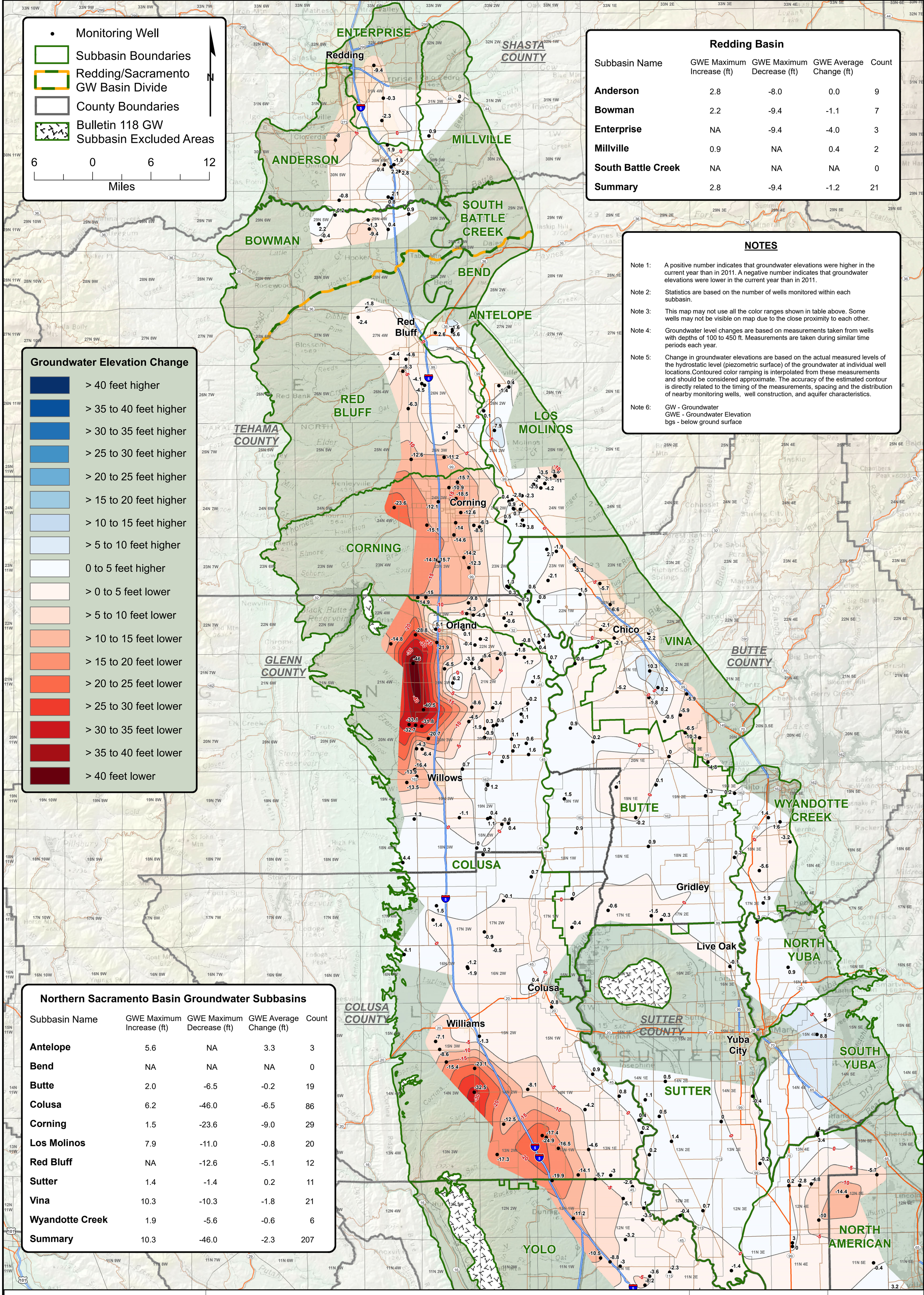

Redding Basin

Subbasin Name	GWE Maximum Increase (ft)	GWE Maximum Decrease (ft)	GWE Average Change (ft)	Count
Anderson	2.8	-8.0	0.0	9
Bowman	2.2	-9.4	-1.1	7
Enterprise	NA	-9.4	-4.0	3
Millville	0.9	NA	0.4	2
South Battle Creek	NA	NA	NA	0
Summary	2.8	-9.4	-1.2	21

NOTES

Note 1: A positive number indicates that groundwater elevations were higher in the current year than in 2011. A negative number indicates that groundwater elevations were lower in the current year than in 2011.

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	5.6	NA	3.3	3
Bend	NA	NA	NA	0
Butte	2.0	-6.5	-0.2	19
Colusa	6.2	-46.0	-6.5	86
Corning	1.5	-23.6	-9.0	29
Los Molinos	7.9	-11.0	-0.8	20
Red Bluff	NA	-12.6	-5.1	12
Sutter	1.4	-1.4	0.2	11
Vina	10.3	-10.3	-1.8	21
Wyandotte Creek	1.9	-5.6	-0.6	6
Summary	10.3	-46.0	-2.3	207

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
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NORTHERN SACRAMENTO VALLEY CHANGE IN GROUNDWATER ELEVATION MAP SPRING 2011 TO SPRING 2019

100 to 450 ft WELL DEPTHS

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

PLATE 1C-D

Date: May 2019

BY: A. Scholzen

https://data.ca.gov/dataset/northern-sacramento-valley-groundwater-elevation-change-maps