Shasta County - Redding GW Basin	
Maximum Increase GWE (ft)	NA
Maximum Decrease GWE (ft)	NA
Average Change GWE (ft)	NA
Average Well Depth (ft)	NA
Number of Wells Monitored	0.0

Tehama County - Redding GW Basin	
Maximum Increase GWE (ft)	NA
Maximum Decrease GWE (ft)	NA
Average Change GWE (ft)	NA
Average Well Depth (ft)	NA
Number of Wells Monitored	0.0

Tehama County - Sacramento Valley GW Basin	
Maximum Increase GWE (ft)	10.8
Maximum Decrease GWE (ft)	-6.6
Average Change GWE (ft)	0.5
Average Well Depth (ft)	824.1
Number of Wells Monitored	7.0

Glenn County - Sacramento Valley GW Basin	
Maximum Increase GWE (ft)	-0.2
Maximum Decrease GWE (ft)	-35.8
Average Change GWE (ft)	-18.8
Average Well Depth (ft)	928.4
Number of Wells Monitored	7.0

Colusa County - Sacramento Valley GW Basin	
Maximum Increase GWL(ft)	-10.9
Maximum Decrease GWE (ft)	-12.5
Average Change GWE (ft)	-11.7
Average Well Depth (ft)	806.5
Number of Wells Monitored	2.0

Butte County - Sacramento Valley GW Basin	
Maximum Increase GWE (ft)	1.3
Maximum Decrease GWE (ft)	-13.9
Average Change GWE (ft)	-3.5
Average Well Depth (ft)	893.5
Number of Wells Monitored	4.0

Summary Results for Summer 2004 to Summer 2011 Change in Groundwater Elevation	
Maximum Increase GWE (ft)	10.8
Maximum Decrease GWE (ft)	-35.8
Average Change GWE (ft)	-8.3
Average Well Depth (ft)	872.8
Number of Wells Monitored	20

- Monitoring Well
- Township and Range
- County Boundaries
- Redding GW Basin
- Sacramento Valley GW Basin

N

0 1 2 4 6
Miles

Annual Change in Groundwater Elevation

- Greater than 20 feet higher
- > 15 to 20 feet higher
- > 10 to 15 feet higher
- > 5 to 10 feet higher
- 0 to 5 feet higher
- > 0 to 5 feet lower
- > 5 to 10 feet lower
- > 10 to 15 feet lower
- > 15 to 20 feet lower
- Greater than 20 feet lower

SHASTA

TEHAMA

GLENN

BUTTE

COLUSA

Redding
Cottonwood
Red Bluff
Tehama
Corning
Orland
Chico
Willows
Oroville
Gridley
Colusa
Williams
Clearlake
Lincoln

NOTES

Note 1: A positive number indicates that groundwater elevations were higher in current year than in 2004. A negative number indicates that groundwater elevations were lower in current year than in 2004.

Note 2: This map may not use all the color ranges shown in table above.

Note 3: Not all wells will be visible on map due to some wells close proximity to each other.

Note 4: Deep constructed wells include those wells that have screen intervals and well depths that are generally 600 ft or more.

Note 5: Change in groundwater elevation colors at the individual well locations are based on the actual measured changes in groundwater levels. Contoured color ramping and change in groundwater elevation estimates between monitoring wells is a computer generated calculation based on the inverse distance weighted method using the availability and proximity of surrounding monitoring well measurements. As such, the calculated change in groundwater elevation between individual monitoring wells should be considered approximate. The accuracy of the estimated change in groundwater elevation between individual monitoring wells is directly related to the spacing and distribution of nearby monitoring wells, the similarity of nearby monitoring well construction, and the local changes/ similarities in aquifer characteristics.

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

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
NORTHERN REGION OFFICE
2440 Main Street
Red Bluff, California 96080
(530) 529-7300

NORTHERN SACRAMENTO VALLEY CHANGE IN GROUNDWATER ELEVATION MAP

SUMMER 2004 TO SUMMER 2011

DEEP WELL DEPTH

(Generally greater than 600 ft bgs)

PLATE 3.

Date: September 2011

BY: R. Hull

Location: R:\Sections\DCM\BASE_DATA\GROUNDWATER LEVELS\GW_Change_Stats_Analysis Reports\2011\2004_2011_Summer

http://www.water.ca.gov/groundwater/data_and_monitoring/northern_region/GroundwaterLevel/gw_level_monitoring.cfm