Groundwater Elevation Contour
(Lines of equal hydraulic head)
Interval 20ft

Groundwater Flow Direction

Monitoring Well

County Boundaries

Redding GW Basin

Sacramento Valley GW Basin

N

0 1 2 4 6
Miles

Redding
Cottonwood
Red Bluff
Tehama
Corning
Orland
Chico
Paradise
Willows
Oroville
Gridley
Live Oak
Colusa
Williams
Lucerne
Kelseyville
Clearlake

SHASTA
TEHAMA
BUTTE
GLENN
COLUSA

NOTES

Note 1: The groundwater level measurements that were used in generating the contours were taken by the Department of Water Resources and Local Cooperators between the dates of April 1st to April 5th, 2011.

Note 2: Groundwater elevations are based on national geodetic vertical datum 1988 (NGVD 88).

Note 3: Groundwater contours are based on groundwater level measurements taken from wells constructed within the shallow aquifer zone. These wells include those that have screened intervals and well depths that are generally less than 200 ft.

Note 4: Groundwater elevations are based on the measured level of the actual water table of unconfined wells or the hydrostatic level (piezometric surface) of the water at semi-confined or confined wells . Contours are groundwater elevation estimates of the piezometric surface or water table between wells. The accuracy of the estimated contour is directly related to the spacing and the distribution of nearby monitoring wells, the similarity of nearby monitoring well construction, and the local changes or similarities in aquifer characteristics.

Note 5: 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 GROUNDWATER ELEVATION MAP SPRING 2011

SHALLOW AQUIFER ZONE

(Wells generally less than 200 ft bgs)

PLATE 1S

Date: February 2012

BY: G. Gordon

DEPARTMENT OF WATER RESOURCES STATE OF CALIFORNIA

Location: R:\Sections\DC\MCONTOUR_MAP\2011\

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