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

SHASTA

TEHAMA

GLENN

COLUSA

BUTTE

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

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 March 14th to April 5th, 2013.

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 that have screened intervals and well depths that are generally greater than 100 ft and less than 400 ft. This portion of the aquifer supplies approximately 70% of all domestic, agriculture, and municipal wells.

Note 4: Groundwater elevations are based on the actual measured level of the hydrostatic level (piezometric surface) of the water at individual well locations. Contours are groundwater elevation estimates of the piezometric surface 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.

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 2013

PLATE 1

Date: July 2013

BY: G. Gordon

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

Path: R:\Sections\DCM\CONTOUR_MAP\2013\SpringArcMap\100400_Wells_Spring-2013.mxd