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

120

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

Cottonwood

Red Bluff

Tehama

Corning

Orland

Willows

Chico

Paradise

Oroville

Gridley

Live Oak

Colusa

Williams

Lucerne

Kelseyville

Clearlake

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 August 1st to August 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 intermediate aquifer zone. These wells include those that have screened intervals and well depths that are generally greater than 200 ft and less than 600 ft.

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.

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 SUMMER 2011

INTERMEDIATE AQUIFER ZONE

(Wells generally greater than 200 ft and less than 600 ft bgs)

PLATE 2I

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