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
Cottonwood
Red Bluff
Tehama
Corning
Orland
Chico
Paradise
Willows
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 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

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NORTHERN SACRAMENTO VALLEY GROUNDWATER ELEVATION MAP SUMMER 2011

SHALLOW AQUIFER ZONE

(Wells generally less than 200 ft bgs)

PLATE 2S

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

Location: R:\Sections\DCM\CONTOUR_MAP\2011\