Figure 7.1 California Groundwater Basins and Subbasins Defined in DWR Bulletin 118
Figure 7.2 Overdrafted Groundwater Basins Defined in DWR Bulletin 118
Figure 7.3 North Coast Groundwater Basins Defined in DWR Bulletin 118
Figure 7.4 Sacramento Valley Groundwater Basin Defined in DWR Bulletin 118
Figure 7.5 Groundwater Subbasins in the Delta Area Defined in DWR Bulletin 118
Figure 7.6 San Joaquin Valley Region Groundwater Basin Defined in DWR Bulletin 118
Figure 7.7 Tulare Lake Area Groundwater Basin Defined in DWR Bulletin 118
Figure 7.8 San Francisco Bay Area Groundwater Basins Defined in DWR Bulletin 118
Figure 7.9 Central Coast Region Groundwater Basins defined in DWR Bulletin 118
Figure 7.10 Coastal Southern California Area Groundwater Basins Defined in DWR Bulletin 118
Figure 7.11 San Diego Area Groundwater Basins Defined in DWR Bulletin 118
Figure 7.12 Southern California Region Groundwater Basins Defined in DWR Bulletin 118
Figure 7.13 Antelope Valley and Mojave Valley Groundwater Basins Defined in DWR Bulletin 118
Figure 7.14 Groundwater Model Domain and Water Balance Subregions in the Central Valley
Figure 7.15 Forecast Groundwater-Level Changes for Alternative 2 and No Action Alternative Compared to Second Basis of Comparison for Average July in a Future Wet Year
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Figure 7.18 Forecast Groundwater-Level Changes for Alternative 2 and No Action Alternative Compared to Second Basis of Comparison for Average July in a Future Dry Year

NOTES:
- RESULTS ARE FOR MODEL LAYER 6.
- MODEL RESULTS FOR ALTERNATIVE 2 ARE THE SAME AS FOR THE NO ACTION ALTERNATIVE.
- ALTERNATIVES ARE SIMULATED WITH PROJECTED CLIMATE CHANGE AT YEAR 2030 CONDITIONS.
Figure 7.19 Forecast Groundwater-Level Changes for Alternative 2 and No Action Alternative Compared to Second Basis of Comparison for Average July in a Future Critically-Dry Year

NOTES:
RESULTS ARE FOR MODEL LAYER 6.
MODEL RESULTS FOR ALTERNATIVE 2 ARE THE SAME AS FOR THE NO ACTION ALTERNATIVE.
ALTERNATIVES ARE SIMULATED WITH PROJECTED CLIMATE CHANGE AT YEAR 2030 CONDITIONS.

LEGEND
- CITY
- CVHM WATER BALANCE SUBREGION (WBS)
GROUNDWATER-LEVEL CHANGE DUE TO PROJECT (FEET)
-200 to -100
-100 to -50
-50 to -25
-25 to -10
-10 to -2
-2 to 2
2 to 10
10 to 25
25 to 50
50 to 100
100 to 200

Service Layer Credits: Sources: Esri, USGS, NOAA, USGS (2009)
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NOTES:

ALTERNATIVES ARE SIMULATED WITH PROJECTED CLIMATE CHANGE AT YEAR 2030 FOR ALL CONDITIONS.

GRAPHS DISPLAYED ARE FOR MODEL LAYER 6.

MODEL RESULTS FOR ALTERNATIVE 2 ARE THE SAME AS THOSE FOR THE NO-ACTION ALTERNATIVE.

NAA = NO-ACTION ALTERNATIVE.

SBC = SECOND BASIS OF COMPARISON.

Figure 7.20 Forecast Groundwater-Level Change Hydrographs for Alternative 2 and No Action Alternative Compared to Second Basis of Comparison at Example Locations in the Sacramento Valley.
NOTES:

ALTERNATIVES ARE SIMULATED WITH PROJECTED CLIMATE CHANGE AT YEAR 2030 FOR ALL CONDITIONS.

GRAPHS DISPLAYED ARE FOR MODEL LAYER 6.

MODEL RESULTS FOR ALTERNATIVE 2 ARE THE SAME AS THOSE FOR THE NO-ACTION ALTERNATIVE.

NAA = NO ACTION ALTERNATIVE.

SBC = SECOND BASIS OF COMPARISON.

Figure 7.21 Forecast Groundwater-Level Change Hydrographs for Alternative 2 and No Action Alternative Compared to Second Basis of Comparison at Example Locations in the San Joaquin Valley
Figure 7.22 Long-term Average Change in July Agricultural Groundwater Pumping for Alternatives Compared to the Second Basis of Comparison in the Sacramento Valley
Figure 7.23 Long-term Average Change in July Agricultural Groundwater Pumping for Alternatives Compared to the Second Basis of Comparison in the San Joaquin Valley
Figure 7.24 Forecast Groundwater-Level Changes for Alternative 1, Alternative 4, and Second Basis of Comparison Compared to No Action Alternative For Average July in a Future Wet Year.
Figure 7.25 Forecast Groundwater-Level Changes for Alternative 1, Alternative 4, and Second Basis of Comparison Compared to No Action Alternative for Average July in a Future Above-Normal Year