Figure 7.26 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 Below-Normal Year
Figure 7.27 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 Dry Year

NOTES:
- RESULTS ARE FOR MODEL LAYER 6.
- MODEL RESULTS FOR ALTERNATIVE 1 AND 4 ARE THE SAME AS FOR THE SECOND BASIS OF COMPARISON.
- ALTERNATIVES ARE SIMULATED WITH PROJECTED CLIMATE CHANGE AT YEAR 2030 CONDITIONS.
Figure 7.28 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 Critically-Dry Year
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Figure 7.29 Forecast Groundwater-Level Change Hydrographs for Alternative 1, Alternative 4, and Second Basis of Comparison Compared to No Action Alternative at Example Locations in the Sacramento Valley
Figure 7.30 Forecast Groundwater-Level Change Hydrographs for Alternative 1, Alternative 4, and Second Basis of Comparison Compared to No Action Alternative at Example Locations in the San Joaquin 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 1 AND 4 ARE THE SAME AS FOR THE SECOND BASIS OF COMPARISON.
NAA = NO ACTION ALTERNATIVE.
SBC = SECOND BASIS OF COMPARISON.
Figure 7.31 Long-term Average Change in July Agricultural Groundwater Pumping for Alternatives Compared to the No Action Alternative in the Sacramento Valley
Figure 7.32 Long-term Average Change in July Agricultural Groundwater Pumping for Alternatives Compared to the No Action Alternative in the San Joaquin Valley
Figure 7.33 Forecast Groundwater-Level Changes for Alternative 3 Compared to No Action Alternative for Average July in a Future Wet Year

NOTES:
RESULTS ARE FOR MODEL LAYER 6.
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)
Figure 7.34 Forecast Groundwater-Level Changes for Alternative 3 Compared to No Action Alternative for Average July in a Future Above-Normal Year
Figure 7.35 Forecast Groundwater-Level Changes for Alternative 3 Compared to No Action Alternative for Average July in a Future Below-Normal Year
Figure 7.36 Forecast Groundwater-Level Changes for Alternative 3 Compared to No Action Alternative for Average July in a Future Dry Year
Figure 7.37 Forecast Groundwater-Level Changes for Alternative 3 Compared to No Action Alternative for Average July in a Future Critically-Dry Year
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Figure 7.38 Forecast Groundwater-Level Change Hydrographs for Alternative 3 Compared to No Action Alternative 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.

NAA = NO ACTION ALTERNATIVE.

Figure 7.39 Forecast Groundwater-Level Change Hydrographs for Alternative 3 Compared to No Action Alternative at Example Locations in the San Joaquin Valley
Figure 7.40 Forecast Groundwater-Level Changes for Alternative 3 Compared to Second Basis of Comparison for Average July in a Future Wet Year
Figure 7.41 Forecast Groundwater-Level Changes for Alternative 3 Compared to Second Basis of Comparison for Average July in a Future Above-Normal Year