

Groundwater Basin Summaries

The following sections describe features of selected groundwater basins in the region including the Azraq, Coastal, Dead Sea, Eastern and Western Mountain, Jordan Valley Floor, Northeastern, Side Wadis, and Yarmouk Basins. Each basin summary contains the following components:

- description of basin physiography and topography, general geology, and major surface-water bodies (if any);
- description of the importance of groundwater and its major uses in the basin;
- description of major aquifers in the basin;
- estimated recharge rate in basin;

- description of flow directions in the most important aquifer in the basin;
- description of typical well depths, aquifer depths, and depths to water; and
- description of water-level and water-quality trends based on representative wells.

Water-level measurements are presented in the form of hydrographs that show the variation in water level with time. Hydrographs were selected to show the effect of climate and pumping on important aquifers. Similarly, graphs showing concentrations of chloride and nitrate over time are presented for selected areas.



*Northeastern groundwater basin,
near Arrabeh, Jenin District*



*Irrigation system supplied by wells,
South Jordan Desert near Ram*