

## AL1040 – Central part of Zarqa groundwater basin

Well AL1040 “TW5 / W. ZA'TARI (PP 157)” in the central part of the Zarqa basin is a monitoring well where the rate of decline has been gradually increasing since the late 1960's. Since measurement began in 1968, the depth to water has declined from about 85 m to 107 m. Margane and others (2009) estimated trends of -0.2 m/yr and -0.7 m/yr for the periods 1972-1986 and 1989-2008, respectively. The current trend is -0.81 m/yr. Based on the current trend, the saturated thickness is forecast to decline to 46 percent of the A7 aquifer at this location by 2030.

