

AL1926 – Central part of Zarqa groundwater basin

Well AL1926 “A'QIB DAM OBS.1-KHALDIYEH” in the central part of Zarqa groundwater basin is a well with large fluctuations in water level, but overall a declining trend. Margane and others (2009) note that this well is located near a recharge dam, and report a long-term trend of -1.6 m/yr. The current trend is estimated as -1.49 m/yr, which is also the average linear trend fit for all data. The two large temporary increases in water level in the winters of 1991-92 and 1994-95 may reflect recharge. At nearby rain gage AD0019 the highest annual precipitation during the period from 1978 to 2008 occurred during the winter of 1991-92 (Margane and others, 2009, their fig. 5).

