

## CD1097 – Wadi Wala Dam Area

Well CD1097 “WALA NO 11 OBSERVATION” in the Wadi Wala dam area is a monitoring well near a recharge reservoir where the where water levels decline has been reversed due to recharge of captured flood waters. Clark (2002) found that the water level in well CD1097 was declining about -1.3 m/yr during 1998-2001, but decline reversed after 2002. The water level is currently increasing by about 0.2 m/yr, which is also the long term trend using all data. The construction of the Wadi Wala dam has increased groundwater recharge in the local area, as shown by monitoring well CD1097. The water level is close to land surface at present. If the water level rises to land surface, springs or groundwater seeps will limit further rise. Groundwater pumping in the area down valley from the reservoir may also affect future water levels in CD1097.

