

SELECTED HYDROGRAPHS FROM KEY SALINITY BORES IN THE GOULBURN-BROKEN DRYLAND REGION

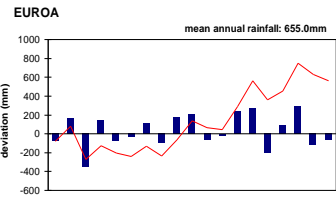
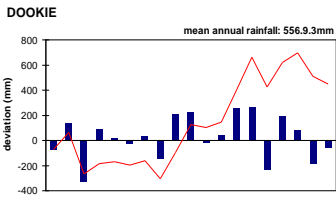
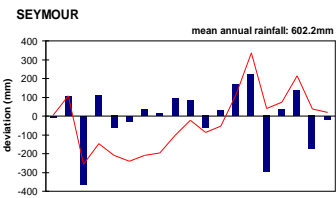
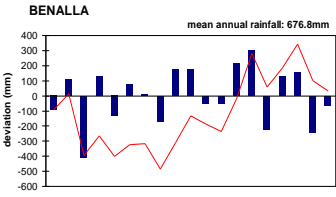
Groundwater Trend Update

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RAINFALL GRAPHS

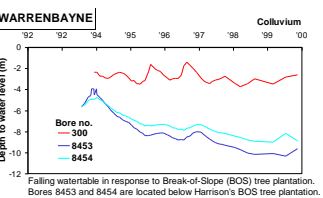
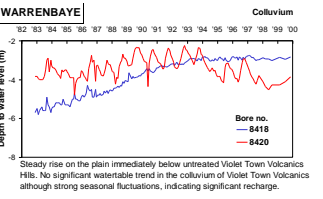
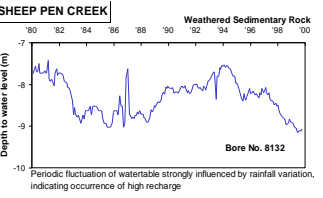
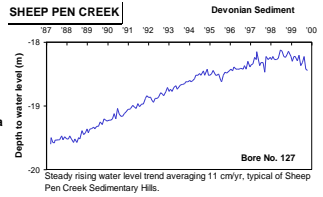
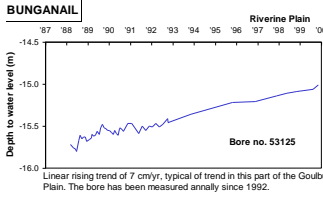
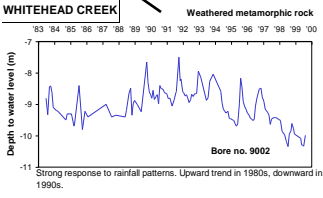
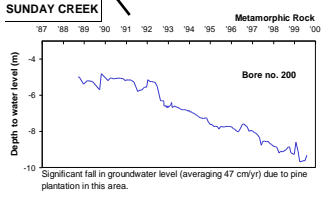
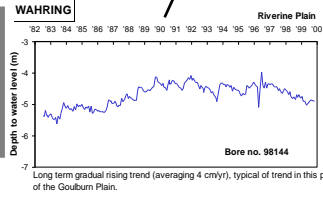
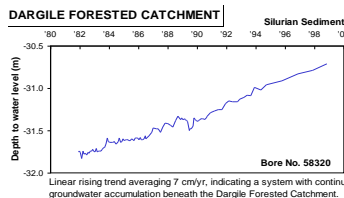
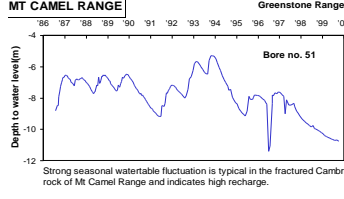
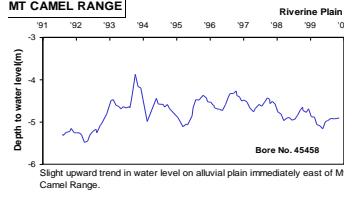
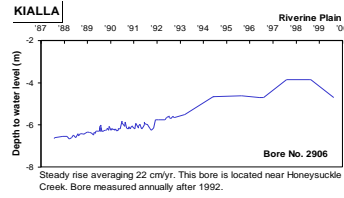
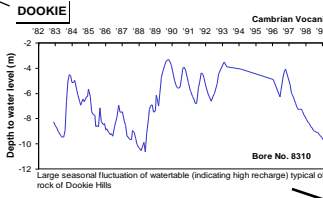
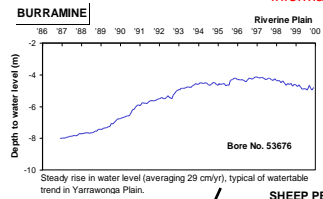
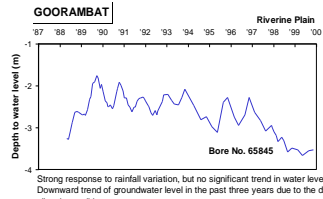
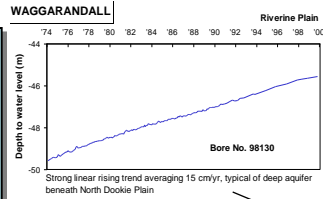
The bar graphs in the rainfall charts below indicate deviation of annual rainfall from the long term average for the selected stations. The accompanying line graphs indicate the cumulative deviation. Data suggests that the climate across the Goulburn-Broken Dryland Region had a significant shift from drier to wetter than average conditions in the late 1940s, and there have been several key climatic extremes in the past 20 years. As seen in the rainfall charts below, droughts occurred in 1982 and 1994, and there were consecutive wet years in the late 1980s and early 1990s. The rainfall charts also display a relatively drier period during the late 1990s.

Rainfall Trends Since 1980



■ deviation from mean — cumulative deviation

LAND MANAGEMENT UNITS
The key bores here overlay Land Management Units (LMUs). LMUs are zones of similar geology, soils, landscape type and climate. By definition, a particular LMU would be expected to respond in a consistent manner with respect to salinity treatment.



KEY BORES
67 representative or key bores have been selected across the Goulburn-Broken Dryland Region to assist in the analysis and reporting of groundwater trends. These have been selected on the basis of representative trends within a monitoring network, geographic distribution, quality and length of monitoring record. Trends from the key bores will be reported on a periodical basis.

