

## Port Phillip CMA region

Key bore data has been selected across the Port Phillip Catchment Management Authority area as representative of groundwater levels, behaviour and trends.

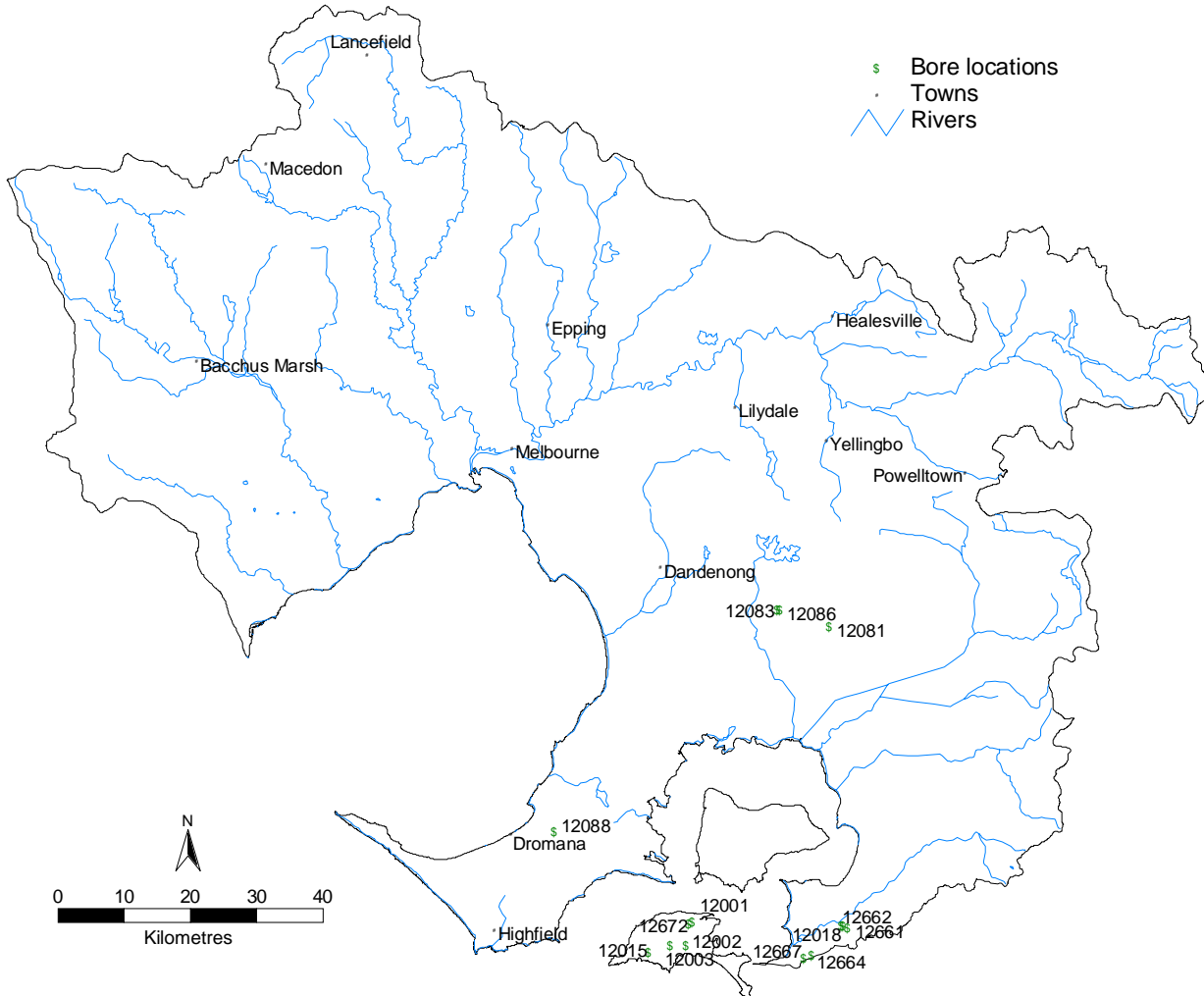


Figure 24 Map of key bores within the Port Phillip CMA region.

### Groundwater behaviour

Generally monitoring bores though out the Port Phillip CMA area, are indicting groundwater level are trending downward. Whilst groundwater levels at discharge sites (bores 12086, 12002 and 12015) are lower then when monitoring commenced the majority remain within 2 – 3 metres of ground surface. Groundwater levels measured upslope of discharge sites have fallen by up to approximately 4metre, eg bores 12001 and 12003.

## Bore data

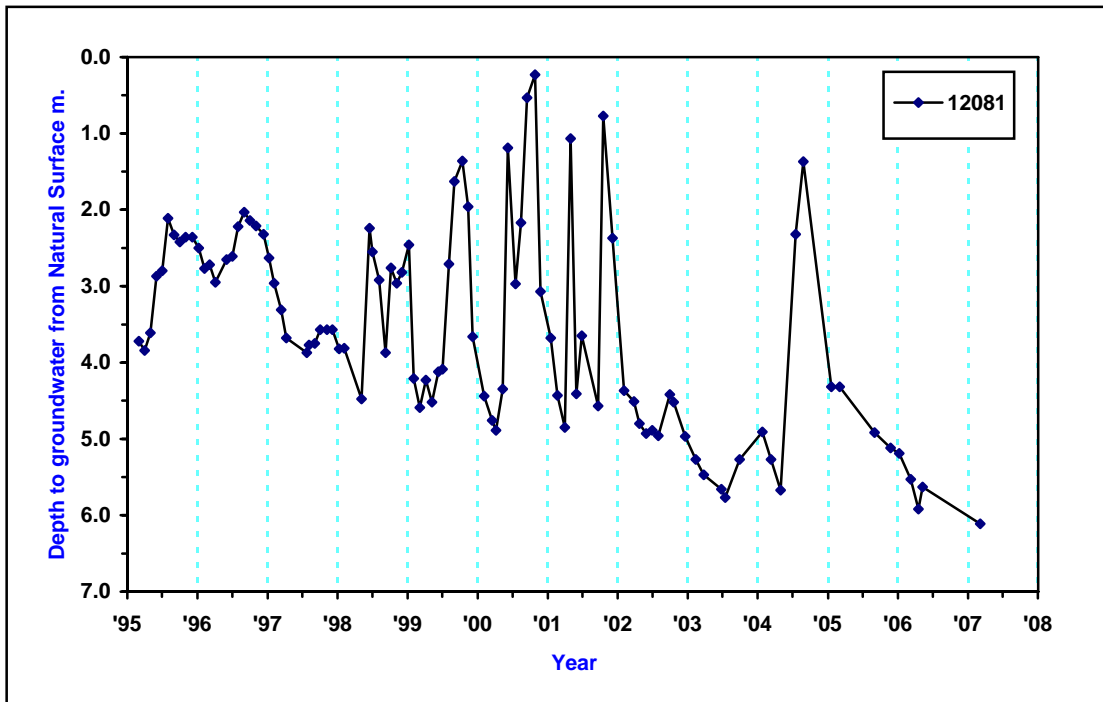
Table 8 Bore details

Bore Id	Total Depth	Screen Depth From	Screen Depth To	Landscape Position
12083	10	7.5	10	nr
12086	18	15.5	18	nr
12081	20	17.5	20	nr
12088	9	6.5	9	nr
12015	18	nr	nr	nr
12672	10	8	10	nr
12001	19.9	nr	nr	nr
12002	20	nr	nr	nr
12003	18.56	nr	nr	nr
12667	20	8	10	nr
12018	5	nr	nr	nr
12662	5	3	5	nr
12661	20	18	20	nr
12664	20	18	20	nr

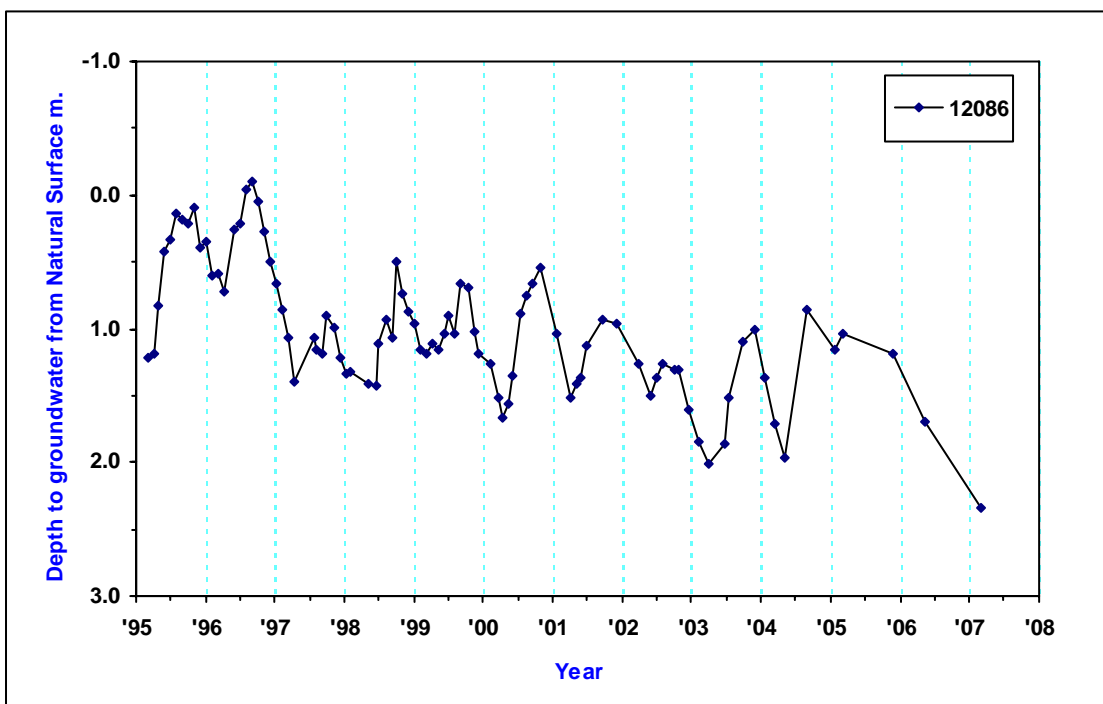
\* nr = not recorded

### Bore hydrographs

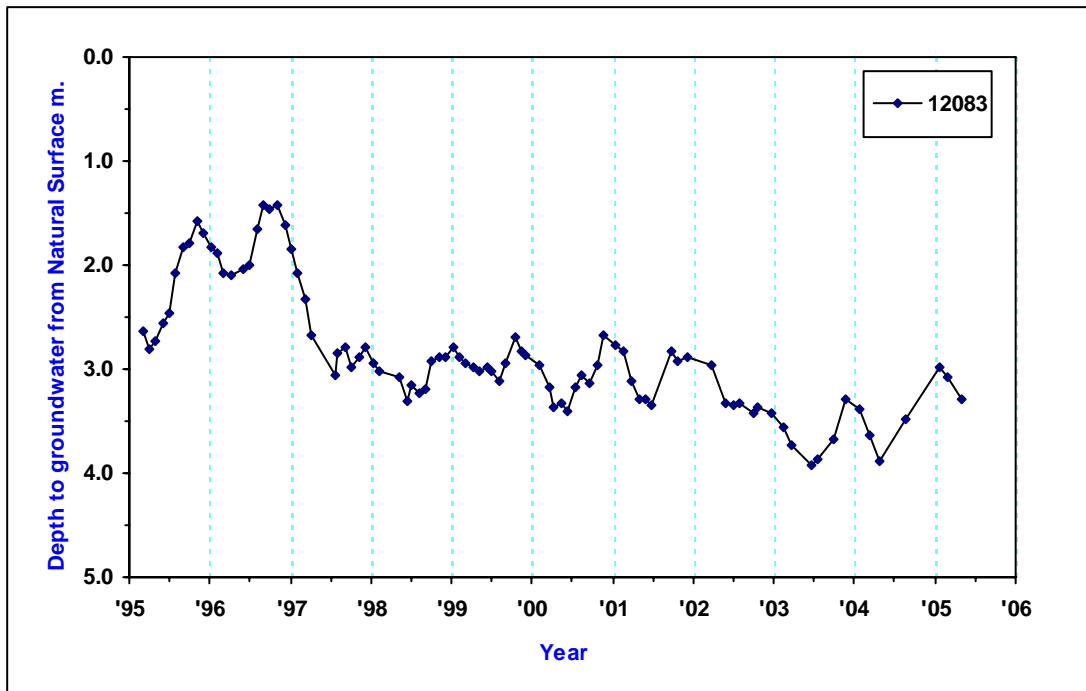
The hydrographs that are provided below are plots of the unedited depth to groundwater as measured in the key monitoring bores and plotted as depth below natural surface (ground level). A brief interpretation is provided of each hydrograph in an attempt explain the groundwater behaviour at the bore site.



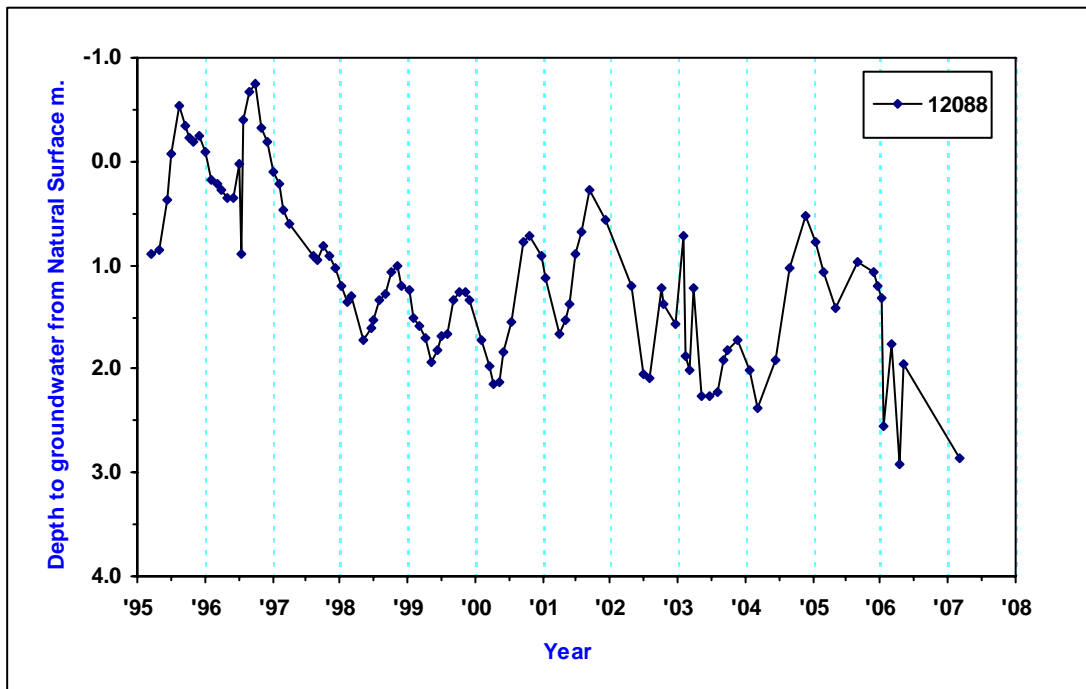
Bore 12081, overall downward trend with seasonal fluctuations of up to 4metres



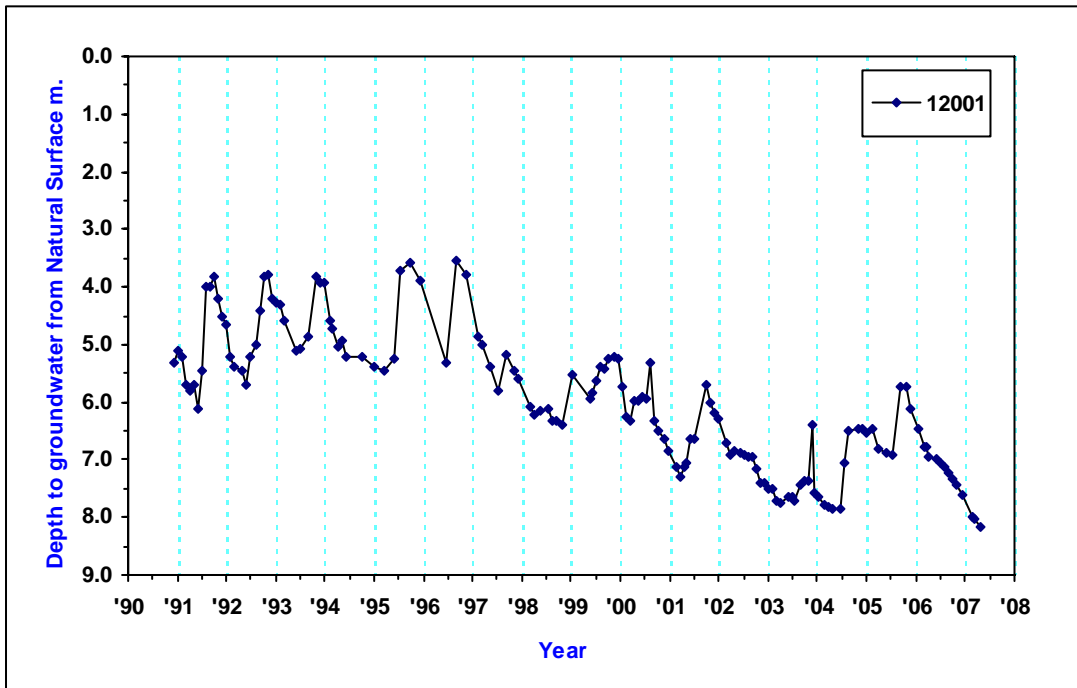
Bore 12086, overall downward trend with seasonal fluctuations



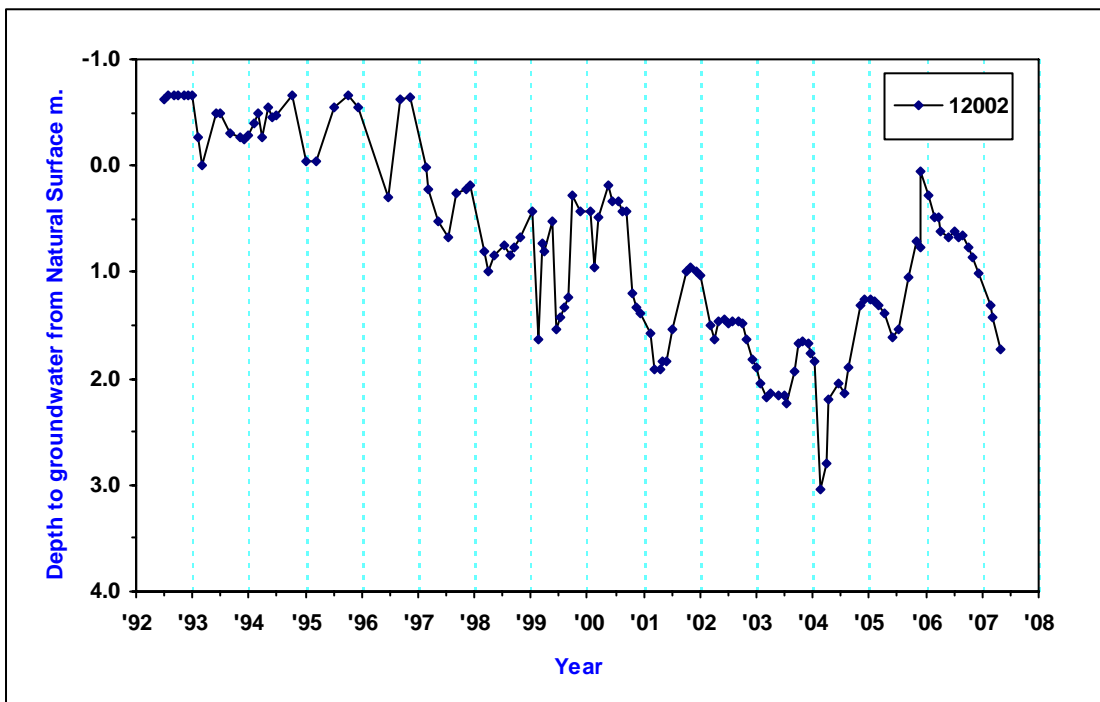
Bore 12083, overall downward trend with seasonal fluctuations reduced since 1997



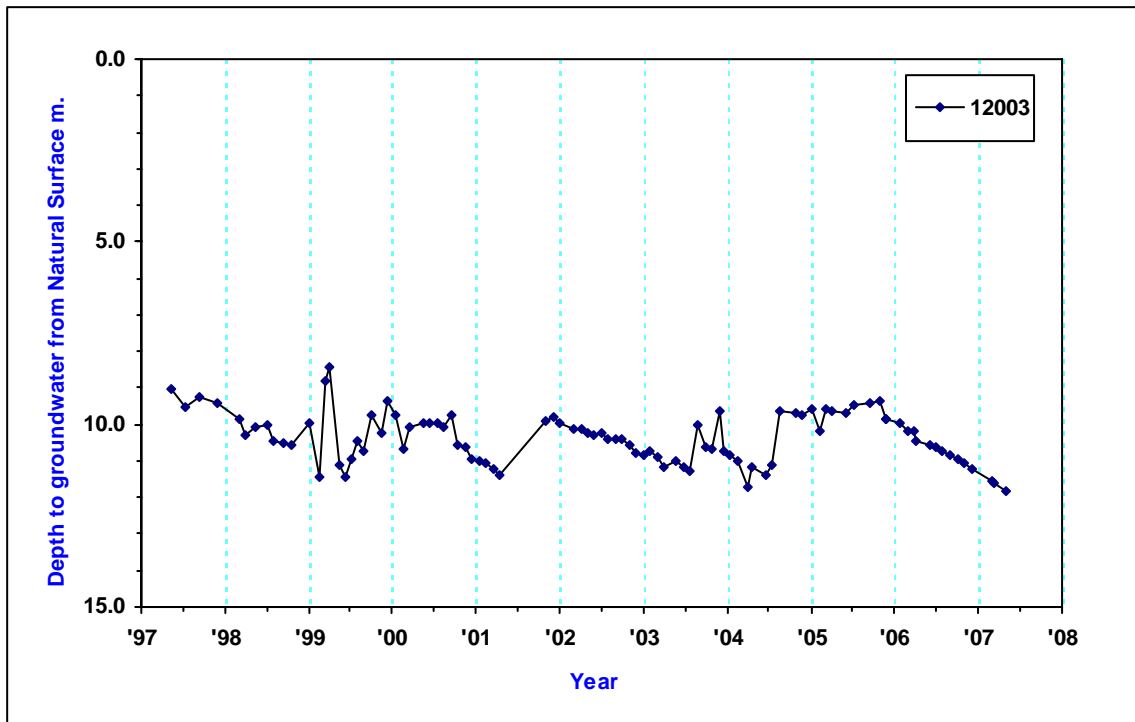
Bore 12088, overall downward trend with seasonal fluctuations



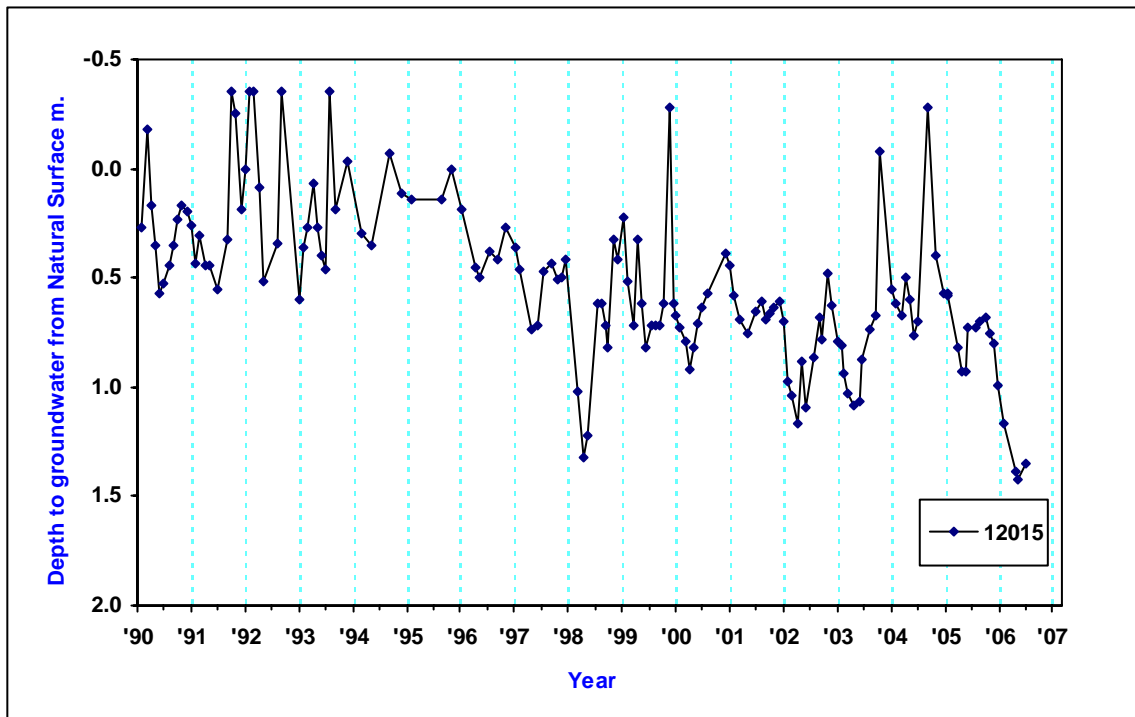
Bore 12001, overall downward trend with seasonal fluctuations



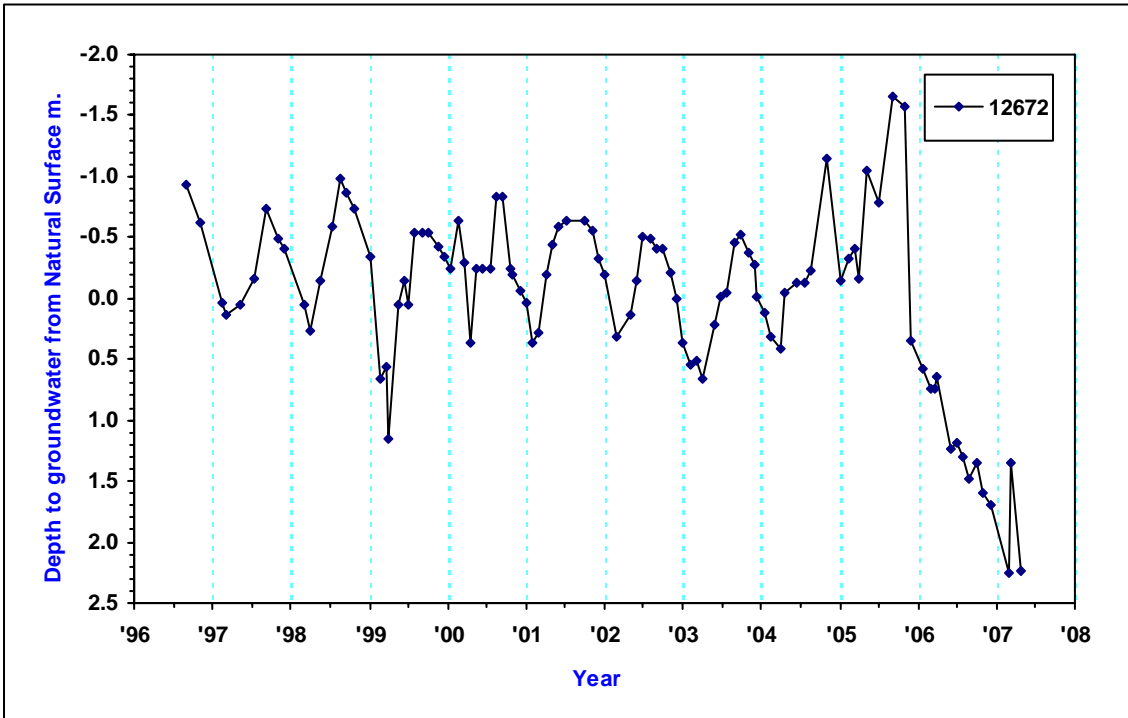
Bore 12002, overall downward trend until 2004 with seasonal fluctuations, rising trend until present



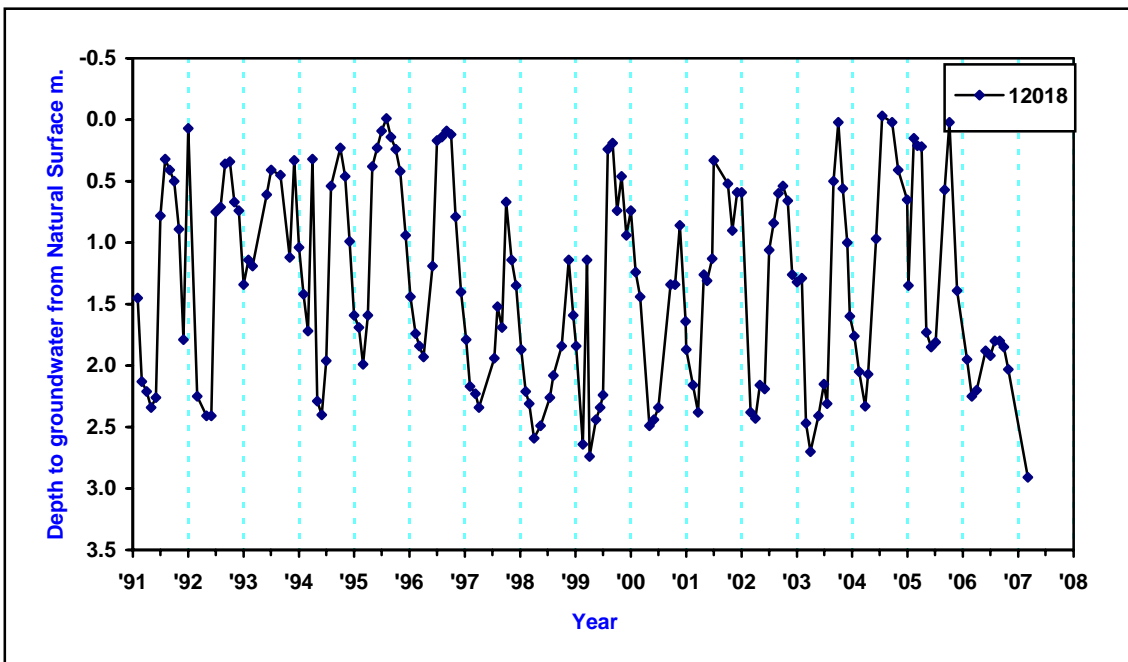
Bore 12003, slight downward trend some seasonal behaviour



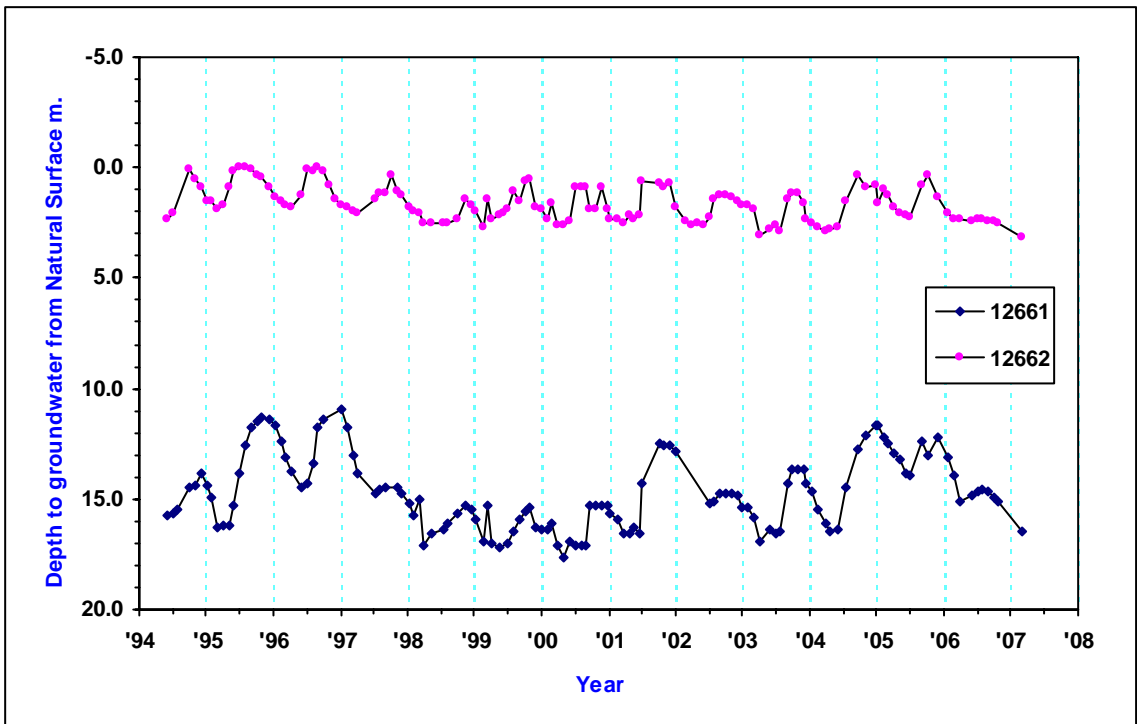
Bore 12015, slight downward trend some seasonal behaviour



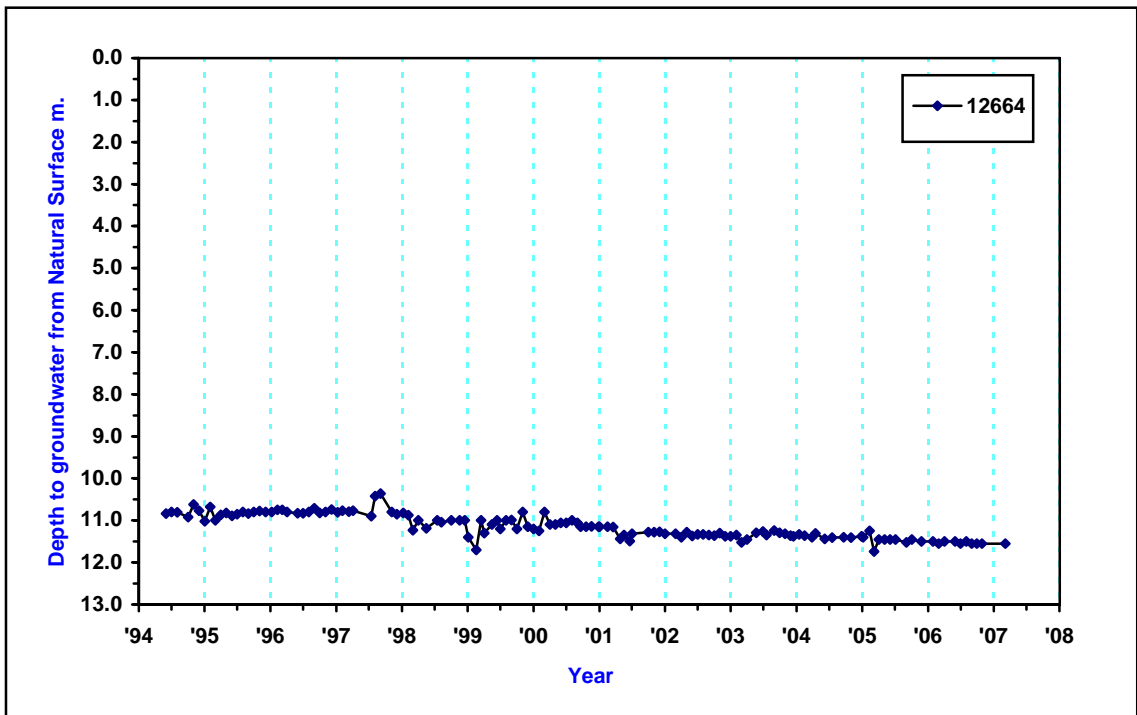
Bore 12672, strong seasonal fluctuation until 2006 then downward trend



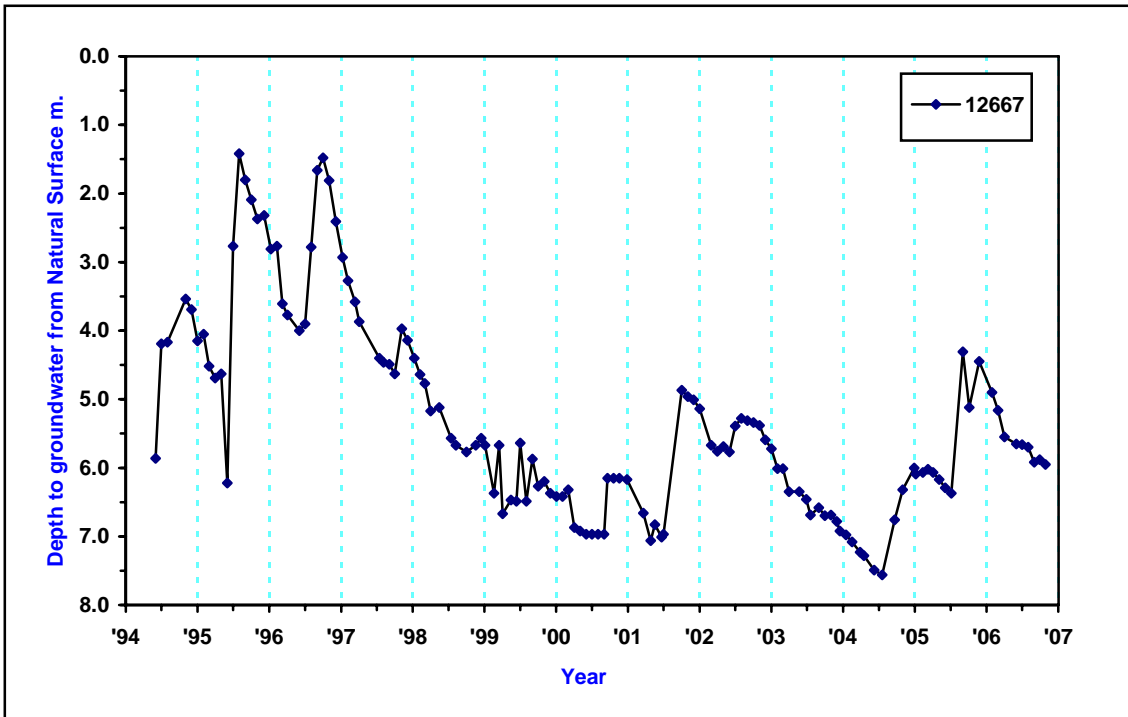
Bore 12018, strong seasonal fluctuation until 2006 then downward trend



Bore 12661 and 12662, nested site of two bores. Bore 12661 is



Bore 12664, downward trend subdued behaviour



Bore 12667, overall downward trend