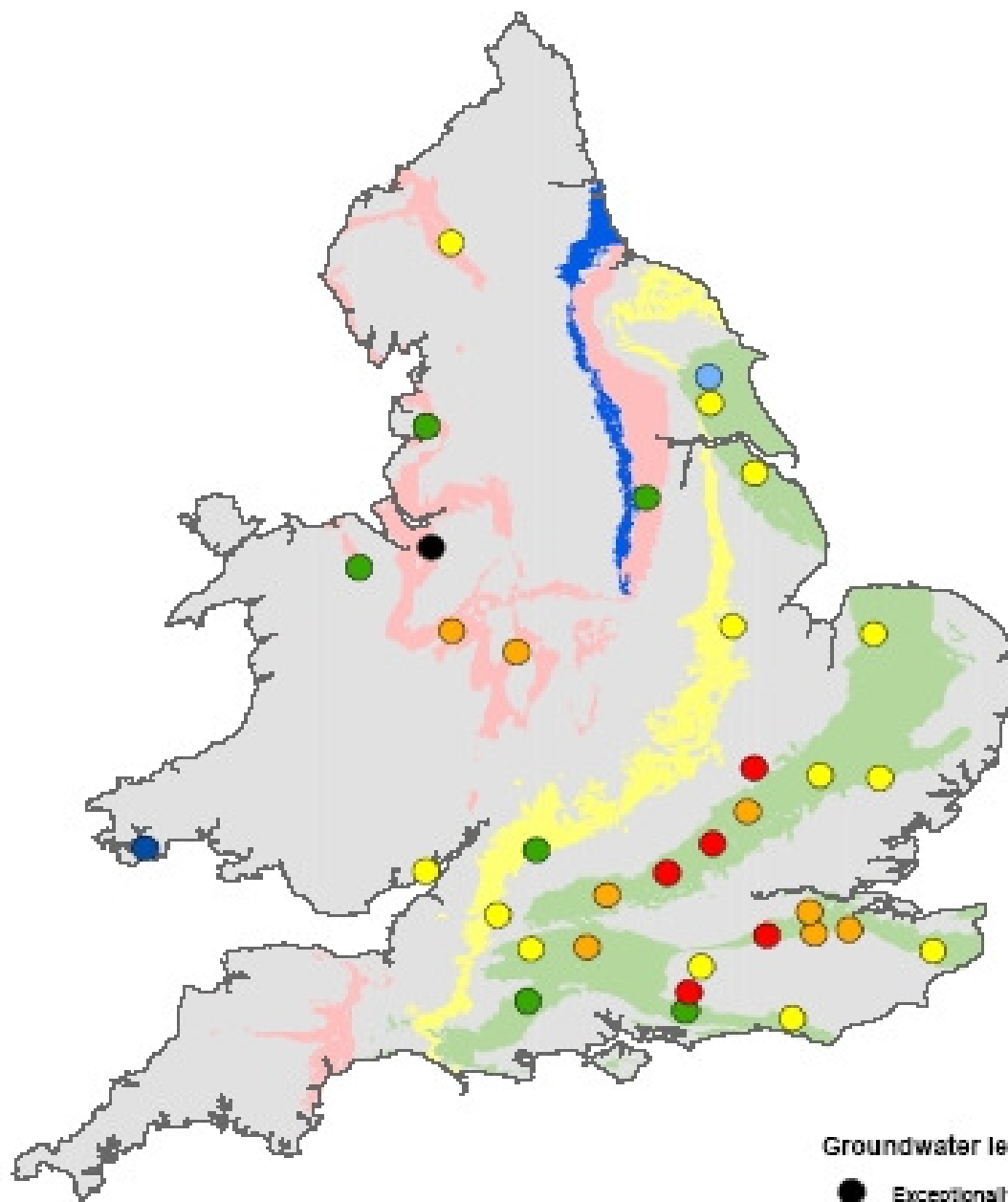


Drought 2006: a sign of things to come?

Nigel Hoad



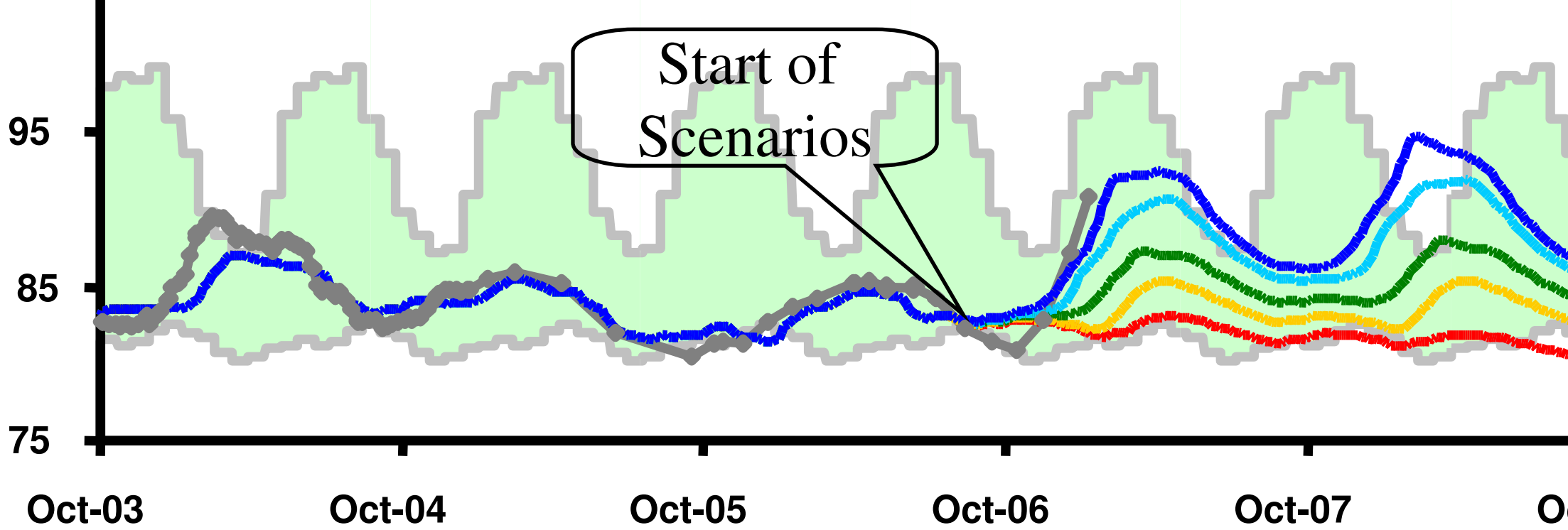
Geology

- Chalk including Red Chalk
- Great and inferior Oolite
- Limestone
- Permian and Triassic Sandstones

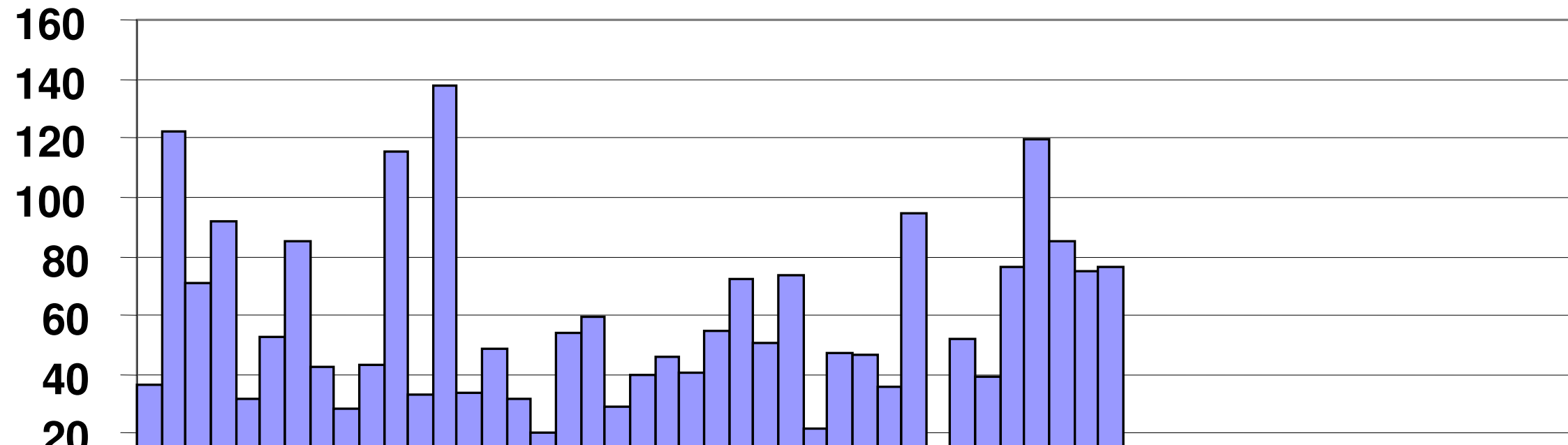
Groundwater level

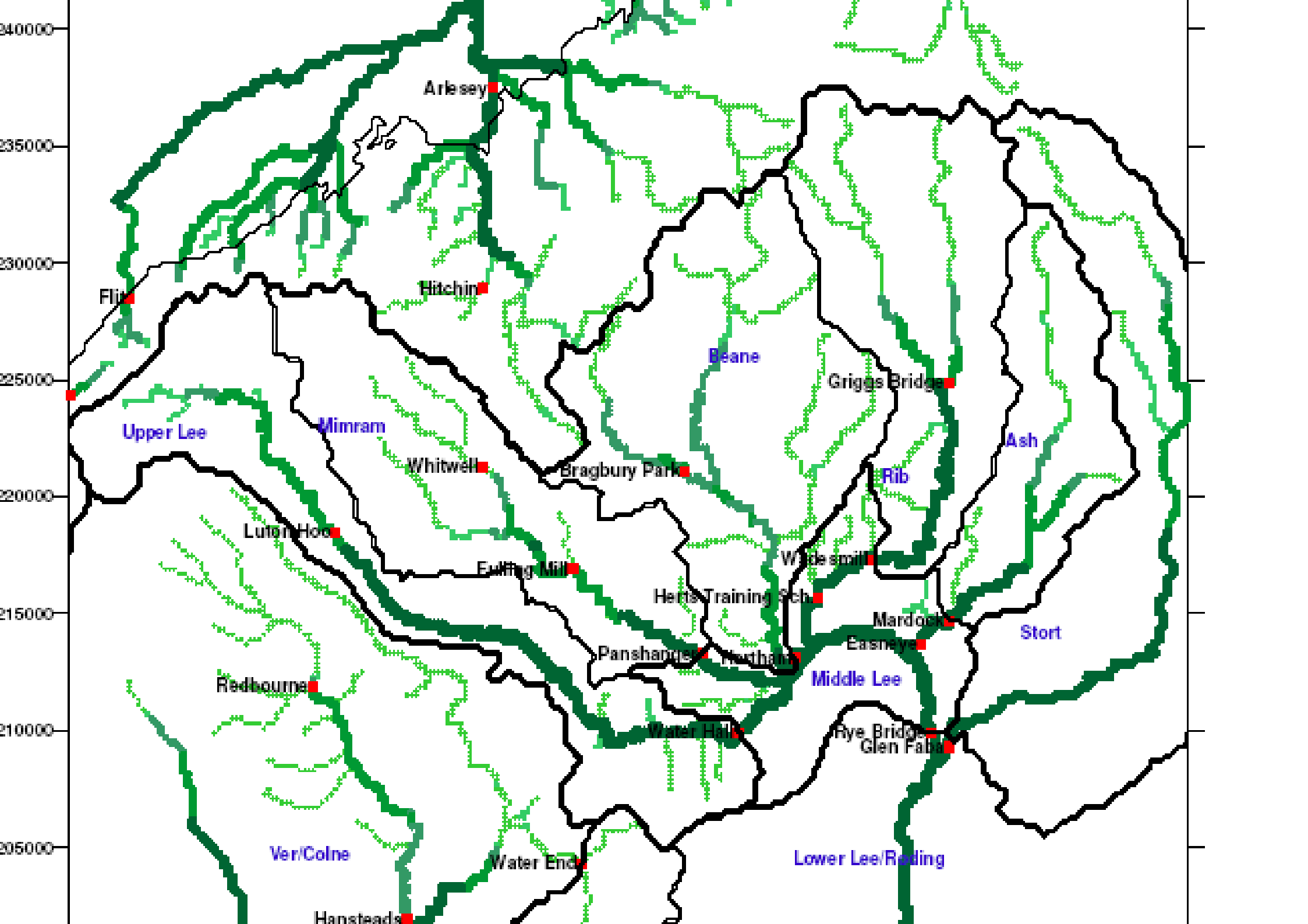
- Exceptionally high
- Notably high
- Above normal
- Normal
- Below normal
- Notably low
- Exceptionally low
- Borehole

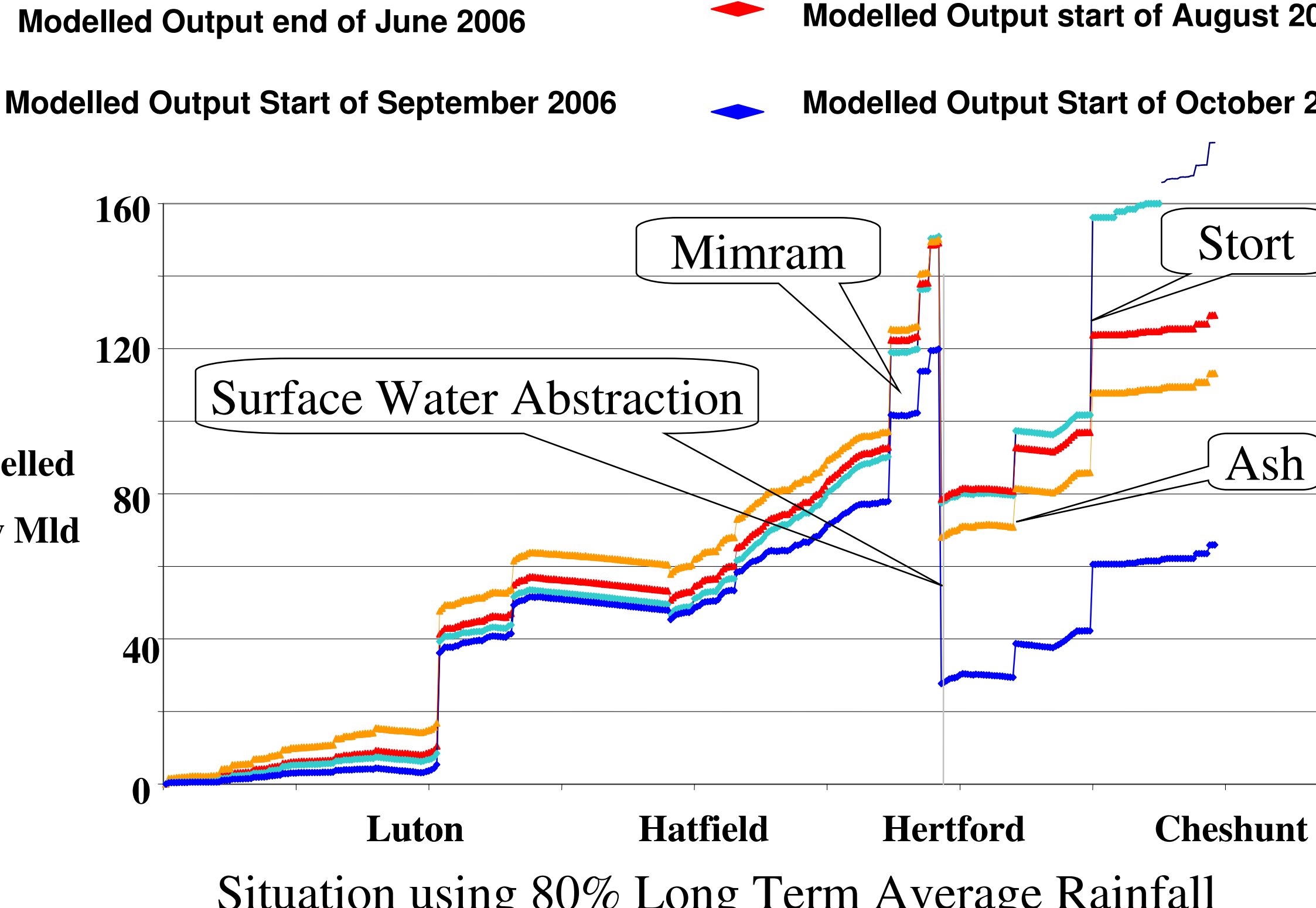
Key Indicator Groundwater levels - April 2000



Berkshire Downs Rainfall

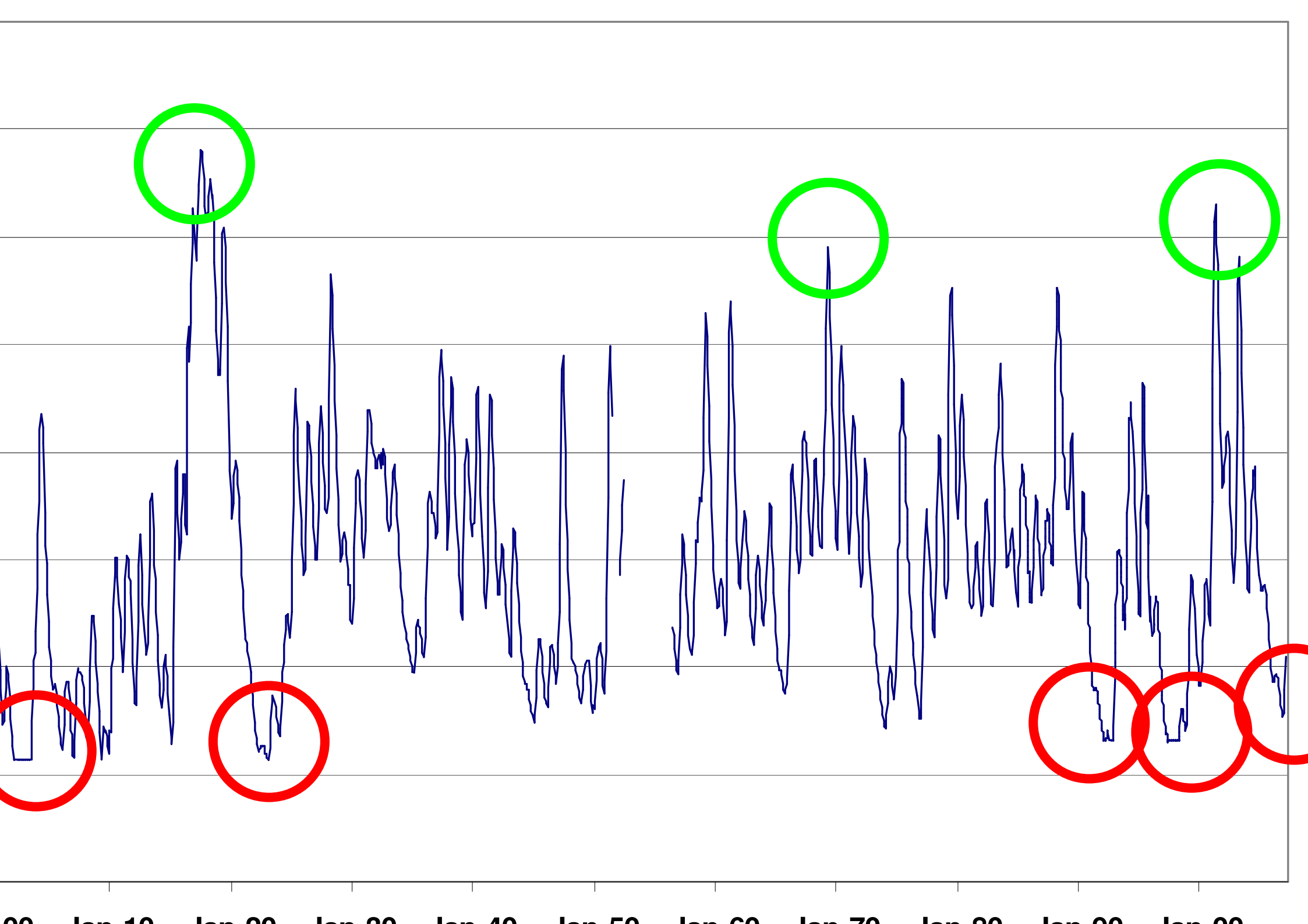






So what is the long term record?

Looking back.....



The story so far

- . We live in a dynamic world
- . Throughout history there have been droughts,
- . There have been periods with above average rainfall

.....Looking into the future

**Given the data we can apply our
groundwater models**

Summary

We have the Groundwater Models

But

- we need to have rainfall data
- manage expectations of what we can show
 - in terms of length prediction
 - scale of results

Issues

- scale down global trends