



SCOTTISH EXECUTIVE



# Conveyance Estimation System (CES) Launch

## ISIS-CES Results

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10 June 2004



# Test approach

- **Ease of upgrade from iSIS to iSIS-CES**
- **Demonstrate method robustness**
- **RHS data in absence of site information**
- **RA values as initial guide or in absence of calibration data (photos / description)**
- **Calibration data to refine results**
- **Verification where event data is available**



# River Blackwater, Hampshire

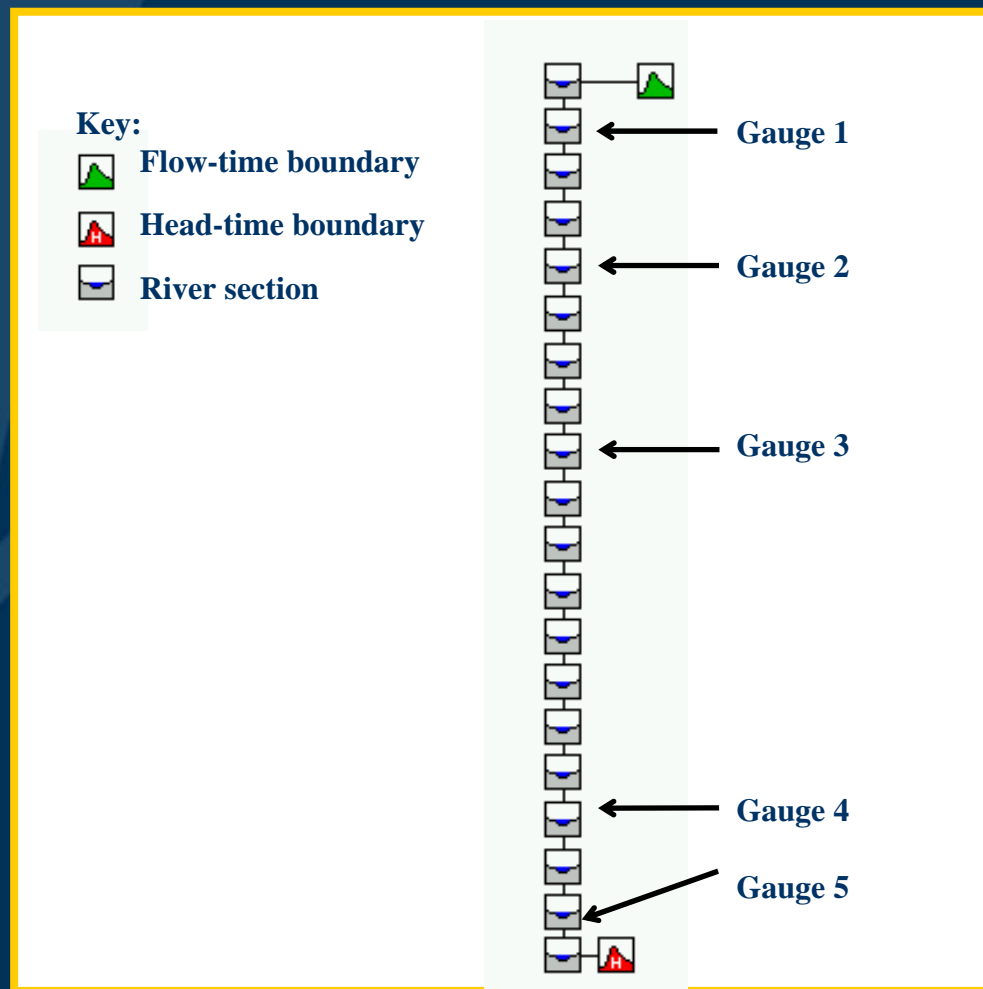


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AGENCY

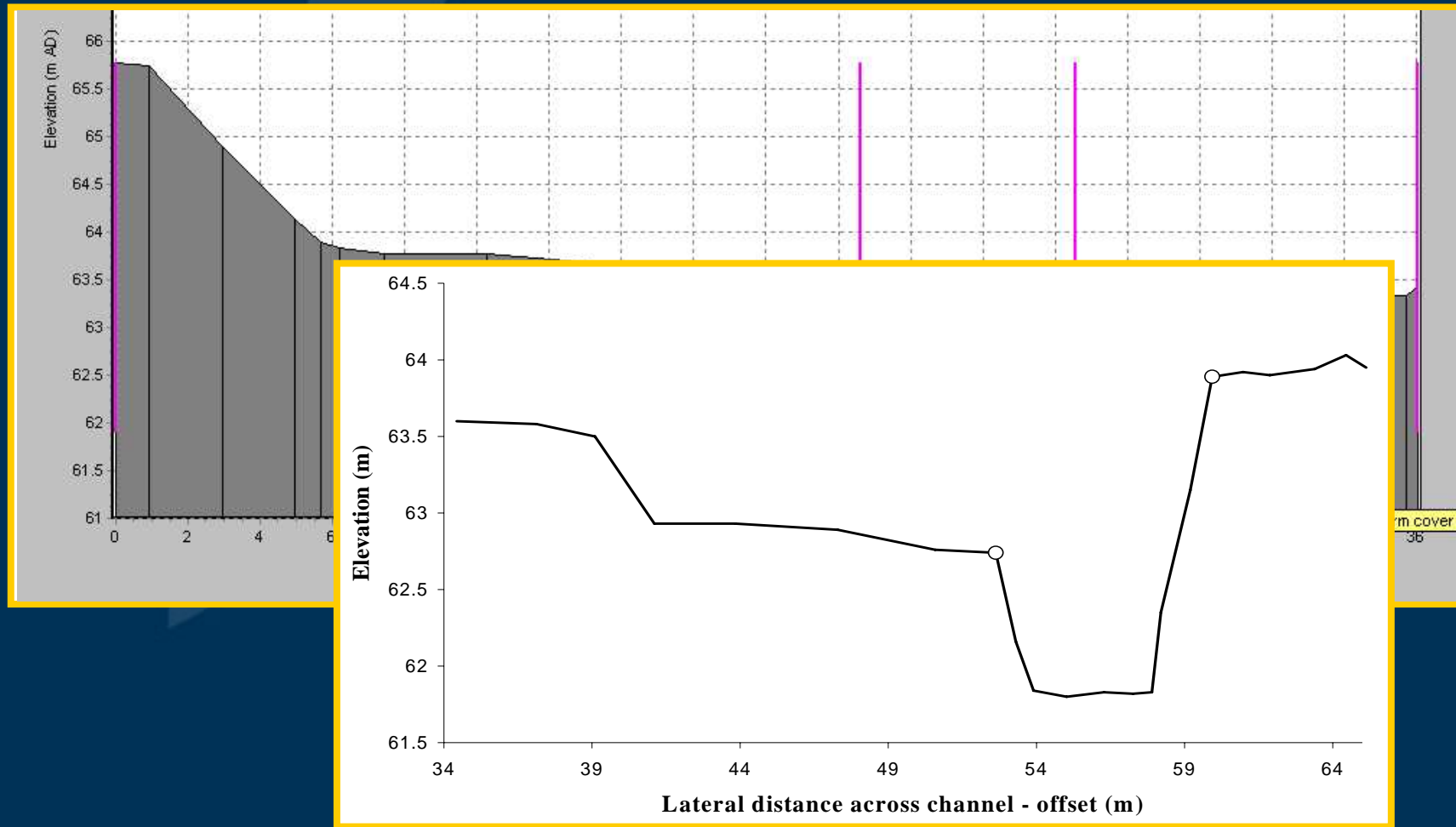
Conveyance Estimation System



# iSIS schematisation



# Typical cross-sections



# Vegetation at different dates

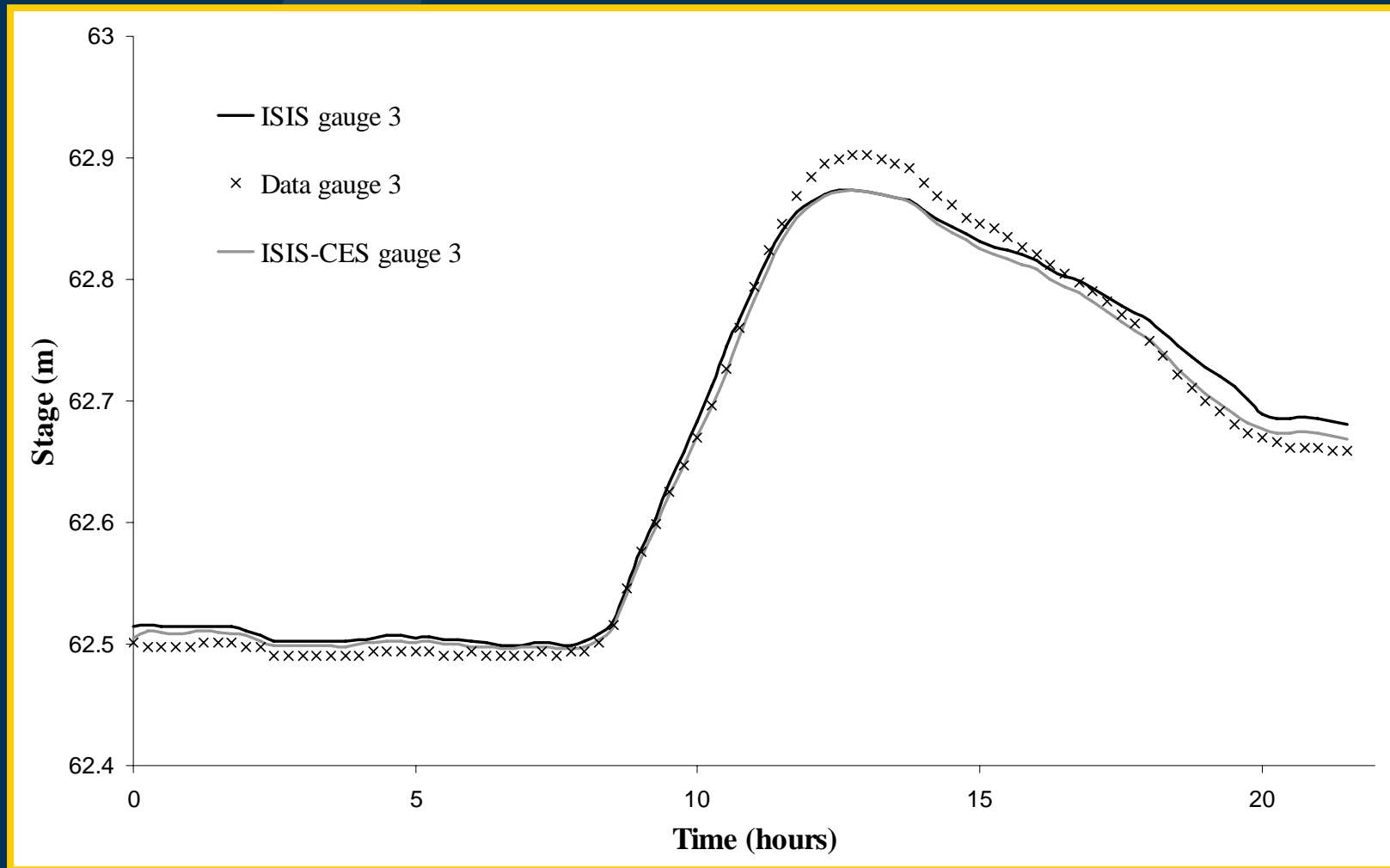


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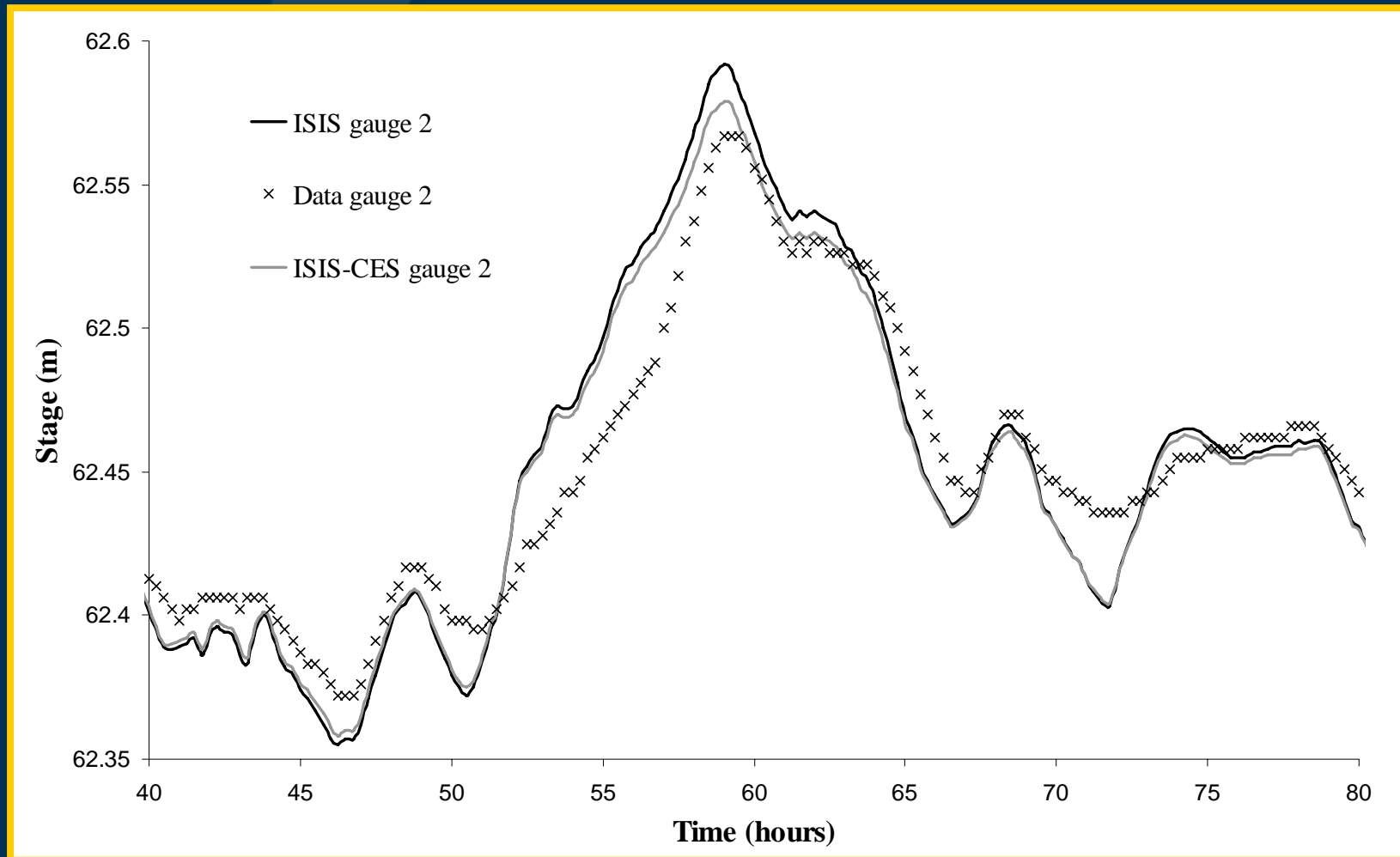
Conveyance Estimation System



# February 1995: stage-time



# June 1995: stage-time

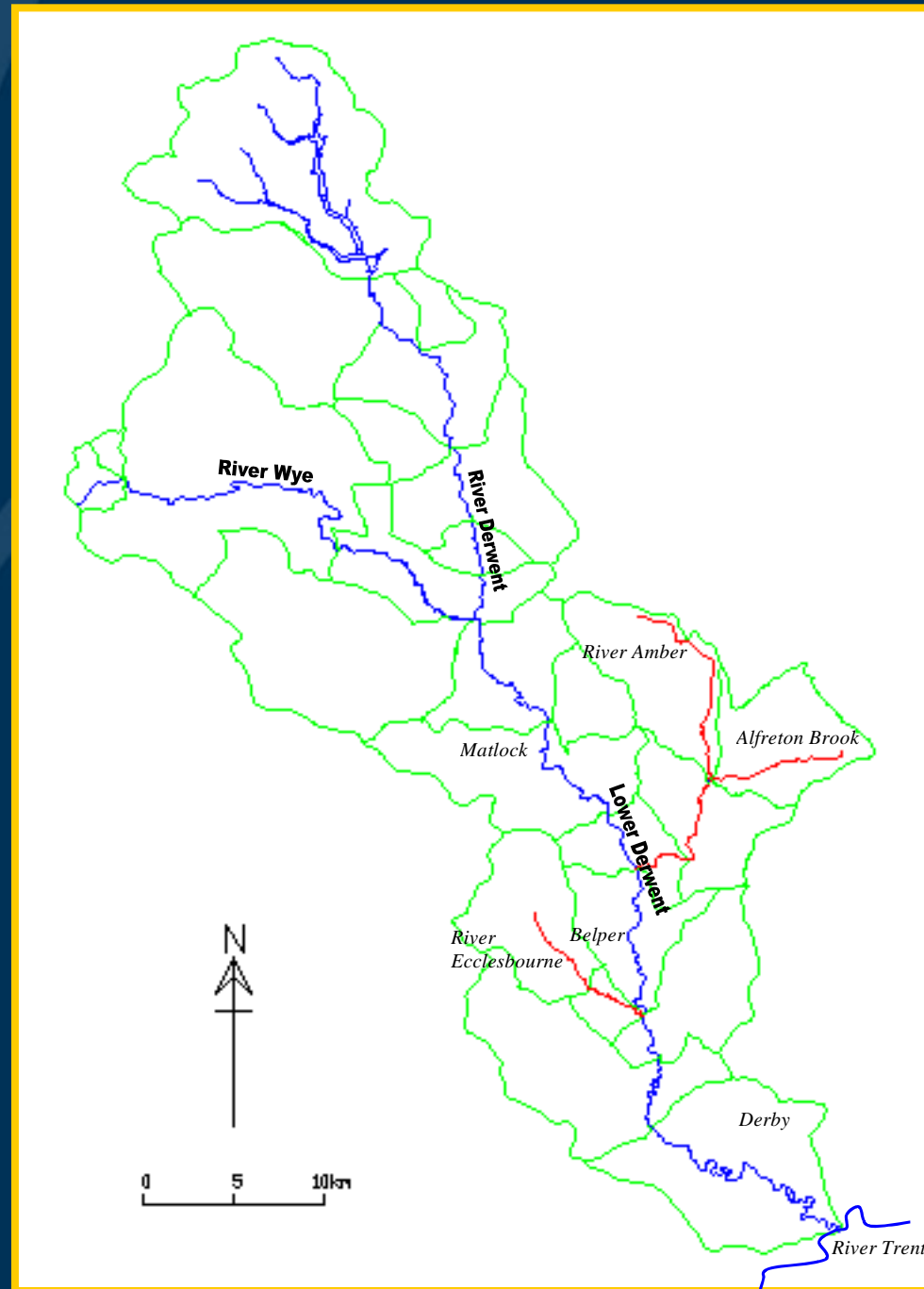


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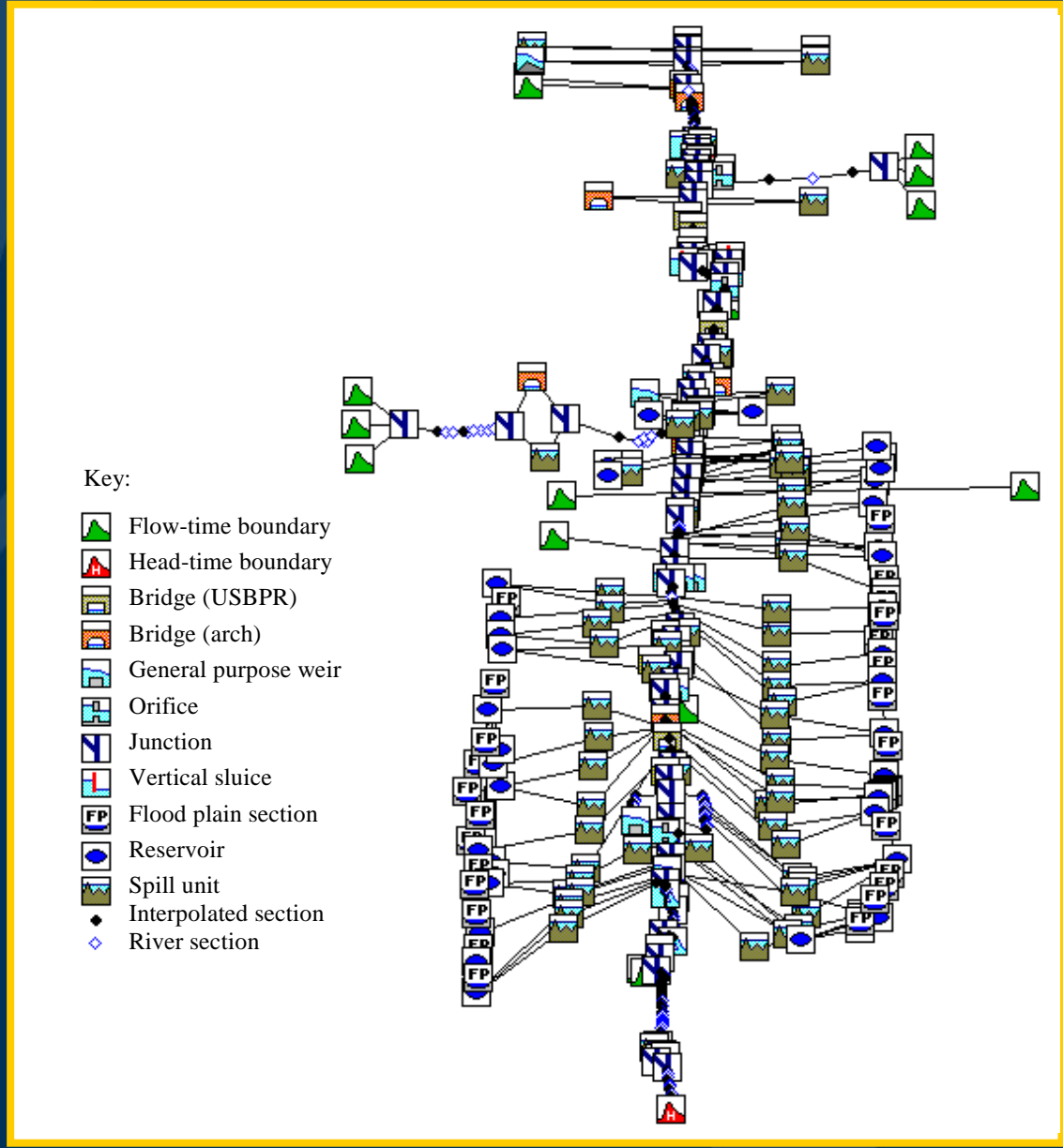
# River Derwent, Midlands



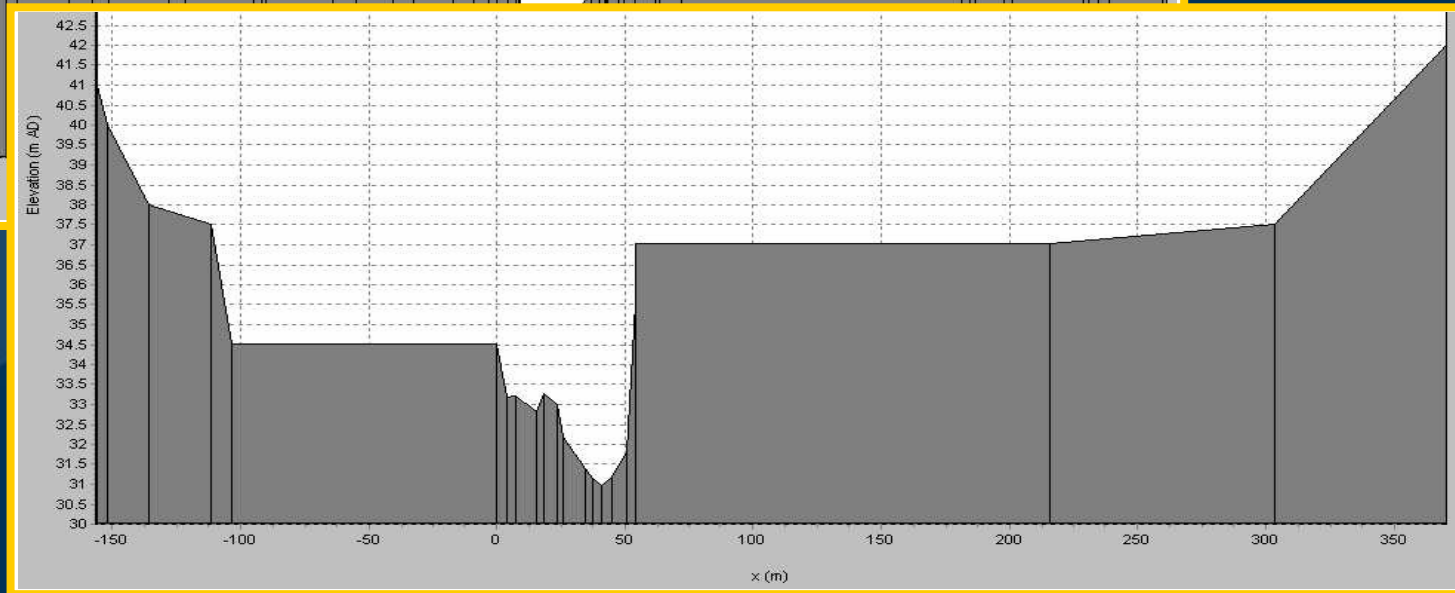
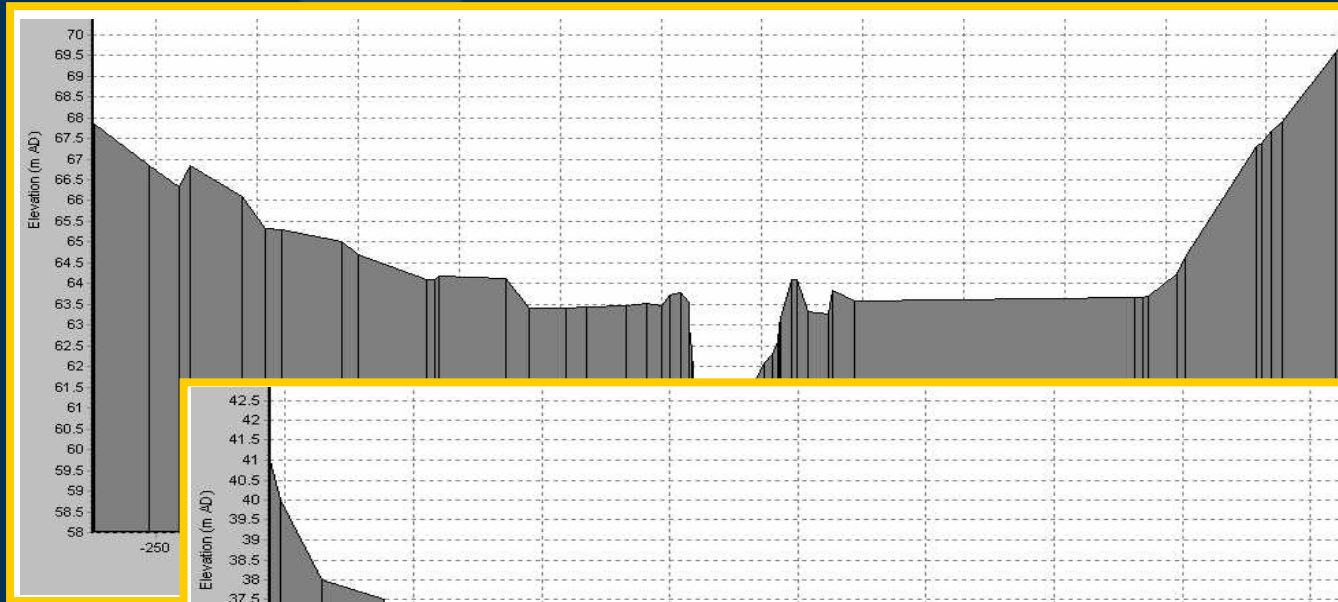
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# iSIS Schematic



# Typical cross-sections



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# October 1998: stage-time

