



Trends in flood seasonality for NE England since AD 1600 using reconstructed flood records

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The expansion and use of historical flood information when assessing high magnitude flood frequency has expanded considerably in recent years, but little consideration has been given to long term flood seasonality. If flood seasonality trends are identifiable within the combined (documentary / instrumental) flood record then greater consideration must be given to the stationarity or non-stationarity of the flood generating mechanisms over the combined period. Flood seasonality analysis potentially provides an important step in understanding hydro-climatic variability over long periods covered by combined records. Examination of flood seasonality and causative mechanisms responsible for flood generation will considerably expand current and future understanding of potential flood risk.