

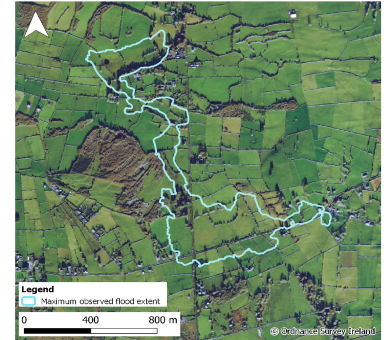


Monitoring Station Data Sheet

Neale Cross, County Mayo

Station Details

Site Name	Neale Cross
County	Mayo
X,Y (ITM)	518935, 759810
Site ID	30077
Monitoring Type	GSI ACTIVE TELEMTRY
URL	https://gwlevel.ie/?place=00015_001_tl_gs
Monitoring Period	23 Jun, 2017 - Ongoing
Current Logger Datum	25.05 mAOD
Lowest Known Elevation	24.6 mAOD



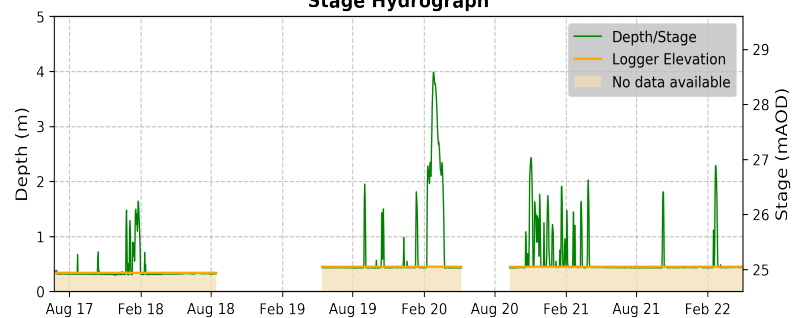
Peak Flood Observations

Details of the highest levels recorded by Geological Survey Ireland or external organisations (if available)

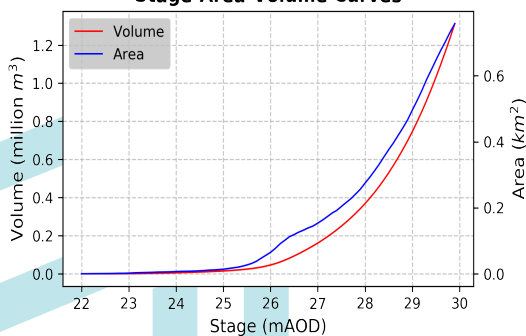
	GSI data	External data
Max Depth (m)	3.99	4.64
Max Stage (mAOD)	28.59	29.24*
Max Volume (m ³)	564,234	873,602
Max Area (m ²)	394,082	567,819
Date Occured	26 Feb, 2020	Winter 15/16

*Source: South Mayo (The Neale), historic flood levels report. Ryan Hanley May 2019

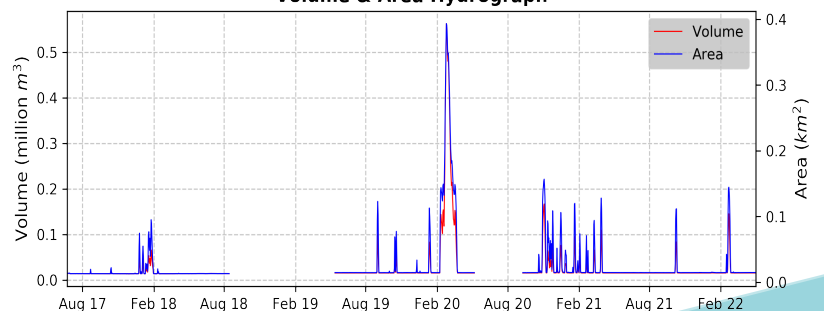
Stage Hydrograph



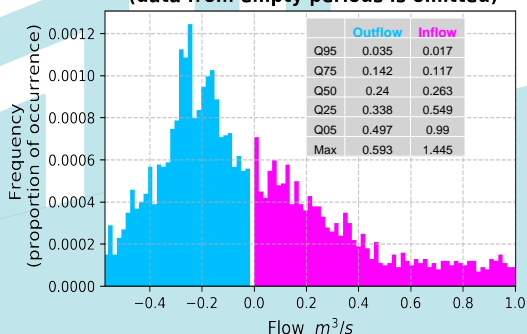
Stage-Area-Volume Curves



Volume & Area Hydrograph



Distribution of Average Daily Net Flows (data from empty periods is omitted)



Average Daily Net Flow Hydrograph

