

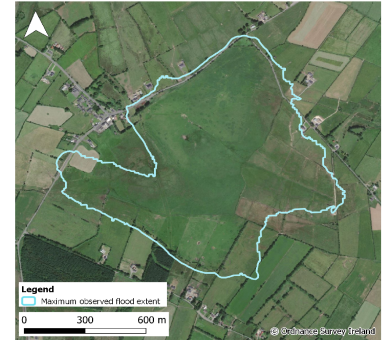


Monitoring Station Data Sheet

Castleplunket, County Roscommon

Station Details

Site Name	Castleplunket
County	Roscommon
X,Y (ITM)	577631, 777863
Site ID	26170
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00001_001_tl_gs
Monitoring Period	19 Nov, 2016 - Ongoing
Current Logger Datum	81.0 mAOD
Lowest Known Elevation	80.5 mAOD



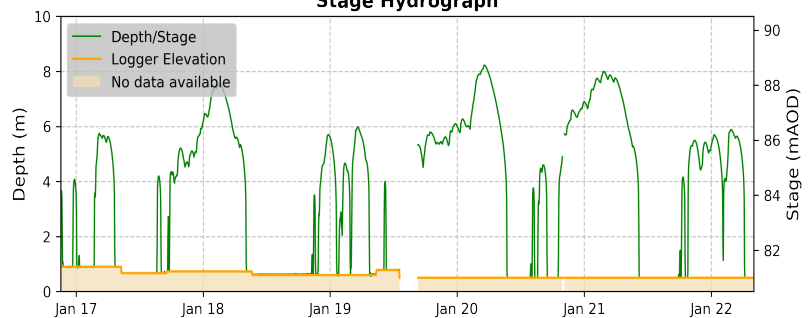
Peak Flood Observations

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

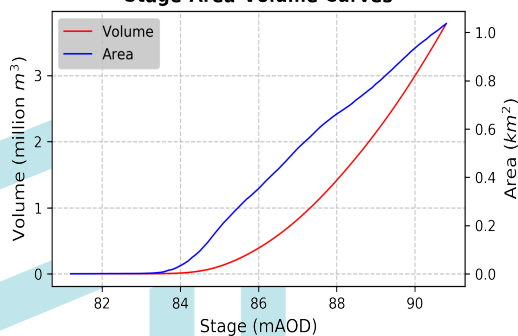
	GSI data	External data
Max Depth (m)	8.22	9.5
Max Stage (mAOD)	88.72	90.0*
Max Volume (m ³)	1,925,205	2,996,291
Max Area (m ²)	748,568	935,000
Date Occured	20 Mar, 2020	Winter 15/16

*Source: Roscommon County Council

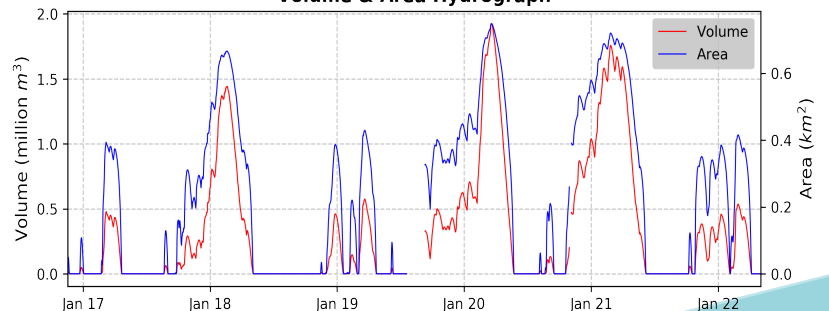
Stage Hydrograph



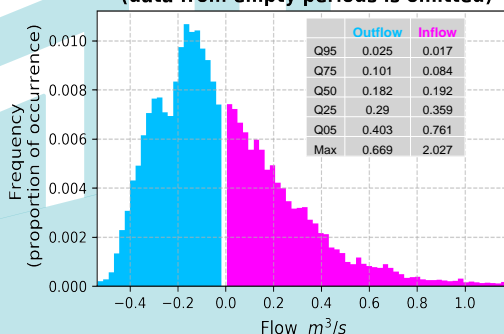
Stage-Area-Volume Curves



Volume & Area Hydrograph



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



Average Daily Net Flow Hydrograph

