



Geological Survey Ireland Monitoring Station Data Sheets Guidance Document

The monitoring station data sheets present information on data collected at Geological Survey Ireland monitoring stations. The monitoring stations are mostly located on seasonal lakes known as turloughs, and these data sheets provide information regarding their location and monitoring period as well as summary plots of stage, volume, flood area and net flow.

The monitoring stations were initially deployed as part of the 2016-2019 GWFlood project. The project, which was carried out in collaboration with the Institute of Technology Carlow and Trinity College Dublin, focussed on addressing the data gap regarding groundwater flooding in Ireland. While most of these GWFlood stations have now been removed, a subset of high priority sites remain active as part of ongoing Geological Survey Ireland groundwater flood monitoring (visit: <https://gwlevel.ie/>).

The data sheets are intended as an aid in the understanding of turlough hydrological behaviour. They represent our best knowledge of a turlough at the time of publishing and may be subject to change in future.

