



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.



the bar, the more frequently that flow value occurs. The blue bars represent outflows (turlough emptying) and the purple bars represent inflows (turlough filling). It should be noted that due to the turloughs remaining empty for long periods, the most frequently occurring flow value is typically zero but in order to aid interpretation the zero values have been removed from this plot. The overlayed table summarises the percentiles of flow values. For example, Q95 represents the flow which is equalled or exceeded 95% of the time, and so on.

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Brean Drum, County Roscommon

Station Details

Site Name	Brean Drum
County	Roscommon
X,Y (ITM)	578352, 801125
Site ID	W54006
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	28 Jun, 2017 - 22 May, 2018
Current Logger Datum	65.69 mAOD
Lowest Known Elevation	65.57 mAOD



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

	GSI data	External data
Max Depth (m)*	6.36	
Max Stage (mAOD)	71.93	
Max Volume (m ³)	479,097	
Max Area (m ²)	215,096	
Date Occurred	15 Feb, 2018	



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



















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 (m²)	748,568	935,000
Date Occured	20 Mar, 2020	Winter 15/16

*Source: Roscommon County Council



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













Carrowreagh, County Roscommon

Station Details

Site Name	Carrowreagh	
County	Roscommon	
X,Y (ITM)	578510, 775190	
Site ID	W54009	
Monitoring Type	GSI NON-ACTIVE	
URL		
Monitoring Period	18 Nov, 2016 - 24 Aug, 2020	
Current Logger Datum	78.64 mAOD	
Lowest Known Elevation	78.44 mAOD	



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

	GSI data	External data
Max Depth (m)*	8.2	
Max Stage (mAOD)	86.64	
Max Volume (m ³)	483,948	
Max Area (m²)	270,633	
Date Occurred	18 Feb, 2018	



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

















Rathnalulleagh, County Roscommon

Station Details

Site Name	Rathnalulleagh	
County	Roscommon	
X,Y (ITM)	577890, 773680	
Site ID	W54013	
Monitoring Type	GSI NON-ACTIVE	
URL		
Monitoring Period	17 Nov, 2016 - 16 Oct, 2018	
Current Logger Datum	73.31 mAOD	
Lowest Known Elevation	73.31 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)	8.55	14.69
Max Stage (mAOD)	81.86	88.0*
Max Volume (m ³)	1,030,593	1,756,975
Max Area (m²)	320,827	362,200
Date Occured	23 Mar, 2020	Winter 15/16

*Source: Roscommon County Council



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













Carrowkeel, County Roscommon

Station Details

Site Name	Carrowkeel	
County	Roscommon	
X,Y (ITM)	584400, 761590	
Site ID	W54008	
Monitoring Type	GSI NON-ACTIVE	
URL		
Monitoring Period	18 Nov, 2016 - 15 Aug, 2018	
Current Logger Datum	47.88 mAOD	
Lowest Known Elevation	47.8 mAOD	



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

	GSI data	External data
Max Depth (m)*	5.34	
Max Stage (mAOD)	53.14	
Max Volume (m ³)	454,502	
Max Area (m²)	255,337	
Date Occurred	04 Feb, 2018	



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

















Ballygalda Turlough, County Roscommon

Station Details

Site Name	Ballygalda Turlough	
County	Roscommon	
X,Y (ITM)	585107, 760832	
Site ID	26173	
Monitoring Type	GSI ACTIVE TELEMETRY	
URL	https://gwlevel.ie/?place=00010_001_tl_gs	
Monitoring Period	19 Nov, 2016 - Ongoing	
Current Logger Datum	46.66 mAOD	
Lowest Known Elevation	46.66 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)	3.82	5.34
Max Stage (mAOD)	50.48	52.0*
Max Volume (m ³)	479,130	962,386
Max Area (m²)	254,976	371,100
Date Occured	06 Mar, 2020	Winter 15/16

*Source: Roscommon County Council



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













Ballinturly, County Roscommon

Station Details

Site Name	Ballinturly
County	Roscommon
X,Y (ITM)	583710, 760210
Site ID	W54005
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	18 Nov, 2016 - 16 Oct, 2018
Current Logger Datum	46.18 mAOD
Lowest Known Elevation	45.77 mAOD



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

	GSI data	External data
Max Depth (m)*	4.65	
Max Stage (mAOD)	50.42	
Max Volume (m ³)	1,685,675	
Max Area (m ²)	1,487,523	
Date Occurred	28 Jan, 2018	



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

















Lisduff, County Roscommon

Station Details

Site Name	Lisduff
County	Roscommon
X,Y (ITM)	584220, 755730
Site ID	W54011
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	18 Nov, 2016 - 15 Aug, 2018
Current Logger Datum	47.71 mAOD
Lowest Known Elevation	47.66 mAOD



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

	GSI data	External data
Max Depth (m)*	2.11	
Max Stage (mAOD)	49.77	
Max Volume (m ³)	483,724	
Max Area (m²)	455,830	
Date Occurred	26 Jan, 2018	



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

















Four Roads, County Roscommon

Station Details

Site Name	Four Roads
County	Roscommon
X,Y (ITM)	583930, 751730
Site ID	W54010
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	18 Nov, 2016 - 20 Aug, 2019
Current Logger Datum	47.75 mAOD
Lowest Known Elevation	47.68 mAOD



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

	GSI data	External data
Max Depth (m)*	1.04	
Max Stage (mAOD)	48.72	
Max Volume (m ³)	182,650	
Max Area (m²)	521,051	
Date Occurred	01 Feb, 2018	



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

















Lough Funshinagh, County Roscommon

Station Details

Site Name	Lough Funshinagh	
County	Roscommon	
X,Y (ITM)	594363, 749795	
Site ID	26171	
Monitoring Type	GSI ACTIVE TELEMETRY	
URL	https://gwlevel.ie/?place=00011_001_tl_gs	
Monitoring Period	17 Aug, 2016 - Ongoing	
Current Logger Datum	63.5 mAOD	
Lowest Known Elevation	63.0 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)*	6.02	
Max Stage (mAOD)	69.02	
Max Volume (m ³)	16,639,737	
Max Area (m²)	5,430,756	
Date Occurred	04 Apr, 2021	



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













Lough Croan, County Roscommon

Station Details

Site Name	Lough Croan
County	Roscommon
X,Y (ITM)	587980, 749520
Site ID	W54012
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	18 Nov, 2016 - 15 Aug, 2018
Current Logger Datum	67.07 mAOD
Lowest Known Elevation	67.0 mAOD



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

	GSI data	External data
Max Depth (m)*	1.14	
Max Stage (mAOD)	68.14	
Max Volume (m ³)	212,922	
Max Area (m ²)	696,376	
Date Occurred	01 Feb, 2018	



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

















Drumadoon, County Mayo

Station Details

Site Name	Drumadoon	
County	Мауо	
X,Y (ITM)	524401, 785705	
Site ID	W53011	
Monitoring Type	GSI NON-ACTIVE	
URL		
Monitoring Period	21 Jun, 2017 - 14 Aug, 2018	
Current Logger Datum	34.37 mAOD	
Lowest Known Elevation	32.69 mAOD	



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

	GSI data	External data
Max Depth (m)	4.86	5.31
Max Stage (mAOD)	37.55	38.0*
Max Volume (m ³)	477,358	615,166
Max Area (m²)	291,011	321,500
Date Occured	16 Feb, 2018	Winter 15/16

*Source:



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

















Balla, County Mayo

Station Details

Site Name	Balla	
County	Мауо	
X,Y (ITM)	526523, 783887	
Site ID	W53006	
Monitoring Type	GSI NON-ACTIVE	
URL		
Monitoring Period	21 Jun, 2017 - 14 Aug, 2018	
Current Logger Datum	37.15 mAOD	
Lowest Known Elevation	37.05 mAOD	



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

	GSI data	External data
Max Depth (m)*	2.29	
Max Stage (mAOD)	39.34	
Max Volume (m ³)	308,209	
Max Area (m ²)	330,268	
Date Occurred	28 Jan, 2018	



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

















Cuilaun South, County Mayo

Station Details

Site Name	Cuilaun South
County	Мауо
X,Y (ITM)	540368, 770475
Site ID	W53010
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	21 Jun, 2017 - 28 Aug, 2019
Current Logger Datum	60.49 mAOD
Lowest Known Elevation	60.45 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)*	5.02	
Max Stage (mAOD)	65.47	
Max Volume (m ³)	968,763	
Max Area (m²)	524,473	
Date Occurred	20 Feb, 2018	



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













Skealoghan, County Mayo

Station Details

Site Name	Skealoghan
County	Мауо
X,Y (ITM)	524730, 762979
Site ID	30076
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00014_001_tl_gs
Monitoring Period	23 Jun, 2017 - Ongoing
Current Logger Datum	31.83 mAOD
Lowest Known Elevation	31.6 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)*	2.53	
Max Stage (mAOD)	34.13	
Max Volume (m ³)	1,992,272	
Max Area (m ²)	1,845,842	
Date Occurred	25 Feb, 2020	

















Neale Cross, County Mayo

Station Details

Site Name	Neale Cross
County	Мауо
X,Y (ITM)	518935, 759810
Site ID	30077
Monitoring Type	GSI ACTIVE TELEMETRY
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 (m²)	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



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













Turloughmore, County Mayo

Station Details

Site Name	Turloughmore	
County	Мауо	
X,Y (ITM)	520614, 758895	
Site ID	W53016	
Monitoring Type	GSI NON-ACTIVE	
URL		
Monitoring Period	22 Jun, 2017 - 29 Jul, 2019	
Current Logger Datum	19.25 mAOD	
Lowest Known Elevation	19.1 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)	5.54	8.03
Max Stage (mAOD)	24.64	27.13*
Max Volume (m ³)	981,444	2,338,987
Max Area (m²)	385,803	738,449
Date Occured	31 Jan, 2018	Winter 15/16

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



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













Kiltagorra, County Mayo

Station Details

Site Name	Kiltagorra
County	Мауо
X,Y (ITM)	520503, 757611
Site ID	W53013
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	12 Dec, 2017 - 29 Jul, 2019
Current Logger Datum	19.38 mAOD
Lowest Known Elevation	19.0 mAOD



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

	GSI data	External data
Max Depth (m)*	4.46	
Max Stage (mAOD)	23.46	
Max Volume (m ³)	589,444	
Max Area (m ²)	278,067	
Date Occurred	01 Feb, 2018	



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

















Ballyshingadaun, County Mayo

Station Details

Site Name	Ballyshingadaun
County	Мауо
X,Y (ITM)	519411, 757130
Site ID	W53007
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	23 Jun, 2017 - 11 Sep, 2019
Current Logger Datum	18.57 mAOD
Lowest Known Elevation	17.5 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)*	4.89	
Max Stage (mAOD)	22.39	
Max Volume (m ³)	1,136,058	
Max Area (m²)	518,047	
Date Occurred	20 Dec, 2018	



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













Garracloon, County Mayo

Station Details

Site Name	Garracloon
County	Мауо
X,Y (ITM)	518499, 756361
Site ID	30074
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00012_001_tl_gs
Monitoring Period	23 Jun, 2017 - Ongoing
Current Logger Datum	18.77 mAOD
Lowest Known Elevation	18.5 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)*	3.67	
Max Stage (mAOD)	22.17	
Max Volume (m ³)	1,023,711	
Max Area (m ²)	493,033	
Date Occurred	26 Feb, 2020	



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













Shrule Turlough, County Mayo

Station Details

Site Name	Shrule Turlough	
County	Мауо	
X,Y (ITM)	526360, 753758	
Site ID	30075	
Monitoring Type	GSI ACTIVE TELEMETRY	
URL	https://gwlevel.ie/?place=00013_001_tl_gs	
Monitoring Period	29 Jun, 2017 - Ongoing	
Current Logger Datum	24.16 mAOD	
Lowest Known Elevation	20.7 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)*	7.62	
Max Stage (mAOD)	28.32	
Max Volume (m ³)	3,162,548	
Max Area (m²)	1,952,746	
Date Occurred	26 Feb, 2021	



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













Coolcam, County Galway

Station Details

Site Name	Coolcam
County	Galway
X,Y (ITM)	557301, 770656
Site ID	W59028
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	21 Jun, 2017 - 15 Aug, 2018
Current Logger Datum	81.73 mAOD
Lowest Known Elevation	81.0 mAOD



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

	GSI data	External data
Max Depth (m)*	4.02	
Max Stage (mAOD)	85.02	
Max Volume (m ³)	1,908,884	
Max Area (m ²)	965,610	
Date Occurred	19 Feb, 2018	



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

















Glenamaddy, County Galway

Station Details

Site Name	Glenamaddy
County	Galway
X,Y (ITM)	563635, 761489
Site ID	W59009
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=59009_001_tl_gs
Monitoring Period	21 Jun, 2017 - Ongoing
Current Logger Datum	75.32 mAOD
Lowest Known Elevation	71.34 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)*	8.49	
Max Stage (mAOD)	79.83	
Max Volume (m ³)	7,040,582	
Max Area (m ²)	2,858,773	
Date Occurred	25 Feb, 2021	



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













Rathbaun, County Galway

Station Details

Site Name	Rathbaun
County	Galway
X,Y (ITM)	534312, 761103
Site ID	W59037
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	29 Jun, 2017 - 14 Aug, 2018
Current Logger Datum	31.76 mAOD
Lowest Known Elevation	31.67 mAOD



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

	GSI data	External data
Max Depth (m)*	5.82	
Max Stage (mAOD)	37.49	
Max Volume (m ³)	2,720,200	
Max Area (m²)	1,330,292	
Date Occurred	26 Jan, 2018	



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

















Ardacong South, County Galway

Station Details

Site Name	Ardacong South
County	Galway
X,Y (ITM)	543607, 754326
Site ID	W59019
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	22 Jun, 2017 - 29 Jul, 2019
Current Logger Datum	39.96 mAOD
Lowest Known Elevation	39.7 mAOD



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

	GSI data	External data
Max Depth (m)*	1.96	
Max Stage (mAOD)	41.66	
Max Volume (m ³)	737,126	
Max Area (m ²)	536,642	
Date Occurred	01 Feb, 2018	



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

















Belclare, County Galway

Station Details

Site Name	Belclare
County	Galway
X,Y (ITM)	537999, 749917
Site ID	W59024
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	22 Jun, 2017 - 29 Jul, 2019
Current Logger Datum	24.76 mAOD
Lowest Known Elevation	24.47 mAOD



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

	GSI data	External data
Max Depth (m)	3.24	4.03
Max Stage (mAOD)	27.71	28.5*
Max Volume (m ³)	2,123,581	4,725,325
Max Area (m²)	2,514,495	4,049,500
Date Occured	30 Jan, 2018	Winter 15/16

*Source:



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

















Caranavoodaun, County Galway

Station Details

Site Name	Caranavoodaun
County	Galway
X,Y (ITM)	545270, 715304
Site ID	29075
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00005_001_tl_gs
Monitoring Period	15 Sep, 2016 - Ongoing
Current Logger Datum	22.7 mAOD
Lowest Known Elevation	21.9 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)*	3.28	
Max Stage (mAOD)	25.18	
Max Volume (m ³)	722,744	
Max Area (m²)	463,823	
Date Occurred	16 Mar, 2020	

















Ballyboy, County Galway

Station Details

Site Name	Ballyboy
County	Galway
X,Y (ITM)	548087, 712961
Site ID	W59021
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	06 Jun, 2017 - 07 Aug, 2019
Current Logger Datum	29.15 mAOD
Lowest Known Elevation	29.0 mAOD



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

	GSI data	External data
Max Depth (m)	3.01	4.59
Max Stage (mAOD)	32.01	33.59*
Max Volume (m ³)	249,100	1,044,620
Max Area (m²)	274,339	778,540
Date Occured	01 Feb, 2018	Winter 15/16

*Source: Gort Flood Relief Scheme, historic flood levels report. Ryan Hanley June 2018



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

















Labane, County Galway

Station Details

Site Name	Labane
County	Galway
X,Y (ITM)	546228, 710182
Site ID	29078
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00017_001_tl_gs
Monitoring Period	03 Dec, 2016 - Ongoing
Current Logger Datum	19.5 mAOD
Lowest Known Elevation	19.5 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)	1.87	2.54
Max Stage (mAOD)	21.37	22.04*
Max Volume (m ³)	347,308	534,248
Max Area (m²)	239,542	318,259
Date Occured	02 Mar, 2020	Winter 15/16

*Source: Gort Flood Relief Scheme, historic flood levels report. Ryan Hanley June 2018

















Blackrock, County Galway

Station Details

Site Name	Blackrock
County	Galway
X,Y (ITM)	549680, 708077
Site ID	29072
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00002_001_tl_gs
Monitoring Period	01 Dec, 2016 - Ongoing
Current Logger Datum	11.08 mAOD
Lowest Known Elevation	11.08 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)	16.94	18.15
Max Stage (mAOD)	28.02	29.23*
Max Volume (m ³)	11,446,428	14,822,161
Max Area (m²)	2,577,877	2,896,220
Date Occured	19 Mar, 2020	Winter 15/16

*Source: Gort Flood Relief Scheme, historic flood levels report. Ryan Hanley June 2018

Stage-Area-Volume Curves 3.0 20 Volume Area 2.5 2.0



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













Ballinduff, County Galway

Station Details

Site Name	Ballinduff
County	Galway
X,Y (ITM)	546022, 708041
Site ID	W59020
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	25 Nov, 2016 - 07 Aug, 2019
Current Logger Datum	11.94 mAOD
Lowest Known Elevation	10.4 mAOD



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

	GSI data	External data
Max Depth (m)*	4.79	
Max Stage (mAOD)	15.19	
Max Volume (m ³)	726,482	
Max Area (m ²)	339,089	
Date Occurred	26 Jan, 2018	



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

















Cahermore, County Galway

Station Details

Site Name	Cahermore
County	Galway
X,Y (ITM)	541473, 707889
Site ID	W59025
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	01 Dec, 2016 - 28 Aug, 2019
Current Logger Datum	4.07 mAOD
Lowest Known Elevation	3.96 mAOD



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

	GSI data	External data
Max Depth (m)	6.48	9.64
Max Stage (mAOD)	10.44	13.6*
Max Volume (m ³)	1,699,145	3,960,401
Max Area (m²)	569,075	941,100
Date Occured	04 Feb, 2018	Winter 15/16

*Source: Gort Flood Relief Scheme, historic flood levels report. Ryan Hanley June 2018



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

















Lough Coy, County Galway

Station Details

Site Name	Lough Coy
County	Galway
X,Y (ITM)	548933, 707496
Site ID	W59033
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	30 Nov, 2016 - 08 Aug, 2019
Current Logger Datum	8.54 mAOD
Lowest Known Elevation	7.5 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)	10.54	11.99
Max Stage (mAOD)	18.04	19.49*
Max Volume (m ³)	5,551,492	8,679,870
Max Area (m²)	1,981,559	2,195,570
Date Occured	30 Jan, 2018	Winter 15/16

*Source: Gort Flood Relief Scheme, historic flood levels report. Ryan Hanley June 2018



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













Caherglassaun, County Galway

Station Details

Site Name	Caherglassaun
County	Galway
X,Y (ITM)	541675, 706343
Site ID	29074
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00004_001_tl_gs
Monitoring Period	25 Nov, 2016 - Ongoing
Current Logger Datum	1.73 mAOD
Lowest Known Elevation	-1.7 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)	12.49	16.18
Max Stage (mAOD)	10.79	14.48*
Max Volume (m ³)	23,937,417	57,444,381
Max Area (m²)	6,720,135	11,043,360
Date Occured	03 Feb, 2018	Winter 15/16

*Source: Gort Flood Relief Scheme, historic flood levels report. Ryan Hanley June 2018



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













Coole Lough, County Galway

Station Details

Site Name	Coole Lough
County	Galway
X,Y (ITM)	543069, 704291
Site ID	29073
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00003_001_tl_gs
Monitoring Period	25 Nov, 2016 - Ongoing
Current Logger Datum	5.27 mAOD
Lowest Known Elevation	0.0 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)	13.4	14.74
Max Stage (mAOD)	13.4	14.74*
Max Volume (m ³)	45,814,007	60,318,356
Max Area (m²)	10,150,419	11,061,860
Date Occured	18 Mar, 2020	Winter 15/16

*Source: Gort Flood Relief Scheme, historic flood levels report. Ryan Hanley June 2018



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













Roo West, County Galway

Station Details

Site Name	Roo West
one name	Noo West
County	Galway
X,Y (ITM)	538555, 702265
Site ID	W59038
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	30 Nov, 2016 - 11 Sep, 2019
Current Logger Datum	10.35 mAOD
Lowest Known Elevation	10.2 mAOD



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

	GSI data	External data
Max Depth (m)*	5.71	
Max Stage (mAOD)	15.91	
Max Volume (m ³)	3,189,447	
Max Area (m²)	1,185,649	
Date Occurred	30 Jan, 2018	



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

















Termon North, County Galway

Station Details

Site Name	Termon North
County	Galway
X,Y (ITM)	541901, 697755
Site ID	W59039
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	01 Dec, 2016 - 11 Sep, 2019
Current Logger Datum	20.39 mAOD
Lowest Known Elevation	19.8 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)	4.31	4.53
Max Stage (mAOD)	24.11	24.33*
Max Volume (m ³)	844,035	952,215
Max Area (m²)	497,350	498,090
Date Occured	01 Feb, 2018	Winter 15/16

*Source: Gort Flood Relief Scheme, historic flood levels report. Ryan Hanley June 2018



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













Termon South, County Galway

Station Details

Site Name	Termon South
County	Galway
X,Y (ITM)	541178, 697168
Site ID	29077
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00008_001_tl_gs
Monitoring Period	27 Nov, 2016 - Ongoing
Current Logger Datum	20.27 mAOD
Lowest Known Elevation	19.4 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)	4.02	4.14
Max Stage (mAOD)	23.42	23.54*
Max Volume (m ³)	1,062,418	1,117,335
Max Area (m²)	472,366	473,060
Date Occured	18 Mar, 2020	Winter 15/16

*Source: Gort Flood Relief Scheme, historic flood levels report. Ryan Hanley June 2018



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













Tulla Turlough, County Clare

Station Details

Site Name	Tulla Turlough
County	Clare
X,Y (ITM)	536615, 702225
Site ID	29076
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00007_001_tl_gs
Monitoring Period	01 Dec, 2016 - Ongoing
Current Logger Datum	9.9 mAOD
Lowest Known Elevation	9.5 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)*	6.43	
Max Stage (mAOD)	15.93	
Max Volume (m ³)	4,370,200	
Max Area (m²)	1,581,645	
Date Occurred	30 Jan, 2018	



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













Lough Aleenaun, County Clare

Station Details

Site Name	Lough Aleenaun
County	Clare
X,Y (ITM)	524813, 695558
Site ID	27076
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00016_001_tl_gs
Monitoring Period	01 Dec, 2016 - Ongoing
Current Logger Datum	70.87 mAOD
Lowest Known Elevation	70.5 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)*	5.9	
Max Stage (mAOD)	76.4	
Max Volume (m ³)	6,772,795	
Max Area (m²)	1,023,706	
Date Occurred	25 Feb, 2020	



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













Lough Gealain, County Clare

Station Details

Site Name	Lough Gealain
County	Clare
X,Y (ITM)	531365, 694745
Site ID	W64009
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	30 Nov, 2016 - 11 Sep, 2019
Current Logger Datum	22.27 mAOD
Lowest Known Elevation	18.6 mAOD



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

	GSI data	External data
Max Depth (m)*	12.34	
Max Stage (mAOD)	30.94	
Max Volume (m ³)	1,014,104	
Max Area (m ²)	373,565	
Date Occurred	28 Jan, 2018	



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

















Knockaunroe, County Clare

Station Details

Site Name	Knockaunroe
County	Clare
X,Y (ITM)	531567, 693882
Site ID	W64007
Monitoring Type	GSI NON-ACTIVE
URL	
Monitoring Period	30 Nov, 2016 - 10 Sep, 2020
Current Logger Datum	25.97 mAOD
Lowest Known Elevation	25.0 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)*	5.88	
Max Stage (mAOD)	30.88	
Max Volume (m ³)	2,756,007	
Max Area (m ²)	1,113,730	
Date Occurred	01 Feb, 2018	



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













Fortwilliam Turlough, County Longford

Station Details

Site Name	Fortwilliam Turlough
County	Longford
X,Y (ITM)	601574, 763248
Site ID	26172
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00009_001_tl_gs
Monitoring Period	15 Sep, 2016 - Ongoing
Current Logger Datum	41.63 mAOD
Lowest Known Elevation	41.1 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)*	3.26	
Max Stage (mAOD)	44.36	
Max Volume (m ³)	889,018	
Max Area (m ²)	479,869	
Date Occurred	20 Mar, 2020	

















Moylan Lough, County Monaghan

Station Details

Site Name	Moylan Lough
County	Monaghan
X,Y (ITM)	685207, 808858
Site ID	06074
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=00019_001_tl_gs
Monitoring Period	07 Jul, 2019 - Ongoing
Current Logger Datum	54.3 mAOD
Lowest Known Elevation	54.3 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)*	12.23	
Max Stage (mAOD)	66.53	
Max Volume (m ³)	1,635,580	
Max Area (m²)	224,228	
Date Occurred	20 Mar, 2020	

















B4 Kilglassaun, County Mayo

Station Details

Site Name	B4 Kilglassaun
County	Мауо
X,Y (ITM)	527381, 764519
Site ID	30115
Monitoring Type	GSI ACTIVE TELEMETRY
URL	https://gwlevel.ie/?place=30115_001_tl_gs
Monitoring Period	01 Mar, 2011 - Ongoing
Current Logger Datum	34.08 mAOD
Lowest Known Elevation	30.9 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)*	4.69	
Max Stage (mAOD)	35.59	
Max Volume (m ³)	859,426	
Max Area (m ²)	511,765	
Date Occurred	25 Feb, 2020	



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













Ballycar Lough, County Clare

Station Details

Site Name	Ballycar Lough	
County	Clare	
X,Y (ITM)	540719, 668279	
Site ID	27075	
Monitoring Type	GSI ACTIVE TELEMETRY	
URL	https://gwlevel.ie/?place=00018_001_tl_gs	
Monitoring Period	13 Mar, 2019 - Ongoing	
Current Logger Datum	19.73 mAOD	
Lowest Known Elevation	20.0 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)*	4.65	
Max Stage (mAOD)	24.65	
Max Volume (m ³)	2,930,937	
Max Area (m²)	973,042	
Date Occurred	27 Mar, 2020	



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













Lough Gash, County Clare

Station Details

Site Name	Lough Gash
County	Clare
X,Y (ITM)	539050, 667889
Site ID	W64004
Monitoring Type	GSI ACTIVE NON-TELEMETRY
URL	
Monitoring Period	12 Mar, 2019 - Ongoing
Current Logger Datum	9.38 mAOD
Lowest Known Elevation	7.5 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)*	6.05	
Max Stage (mAOD)	13.55	
Max Volume (m ³)	1,672,917	
Max Area (m ²)	464,981	
Date Occurred	25 Feb, 2020	



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







