Storm Amy

Friday 3 October 2025

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Storm Season 2025/26

Release History

20-Mar-2026 | Version: 1.0 First Release | Author(s): C Kelly, P Moore, W Bullen, S Spillane

Introduction

Met Éireann's Storm Statements provide detailed summaries of extreme weather and climate conditions associated with storms affecting Ireland. These special climate statements serve as an authoritative historical record, supporting the Irish public, government and media by providing access to key weather data, climatological analysis and context. Data availability up to the date of publication. This special climate is structured as follows:

Storm Amy Summary

The first named storm of the 2025/26 season and was named by Met Office (United Kingdom) on Wednesday 1 October 2025. Amy achieved violent storm force winds in Ireland peaking on Friday 3 October 2025. The storm affected much of the island, strongest along the western coasts with power outages affecting about 184,000 homes, farms and businesses together with water shortages.

Meteorological Overview

This section explains the large-scale weather pattern responsible for the storm, outlining the systems driving its development.

Two Atlantic hurricanes, Humberto and Imelda, located between the southeast United States and Bermuda on Wednesday 1st interacted with each other as they slowly moved northwards, fuelling an intensification of the North Atlantic jet stream. Energy from these tropical systems spawned a new area of low pressure ahead of them by Thursday 2nd.

Amy crossed the Atlantic and moved to the northern side of the jet stream early on Friday 3rd and began a period of rapid intensify as it approached Ireland from the southwest. Amy was still intensifying as it passed close to the northwest of Ireland by Friday afternoon (see Figure 1 below) moving towards northern Scotland, reaching peak intensity early on Saturday 4th to the north of Scotland.

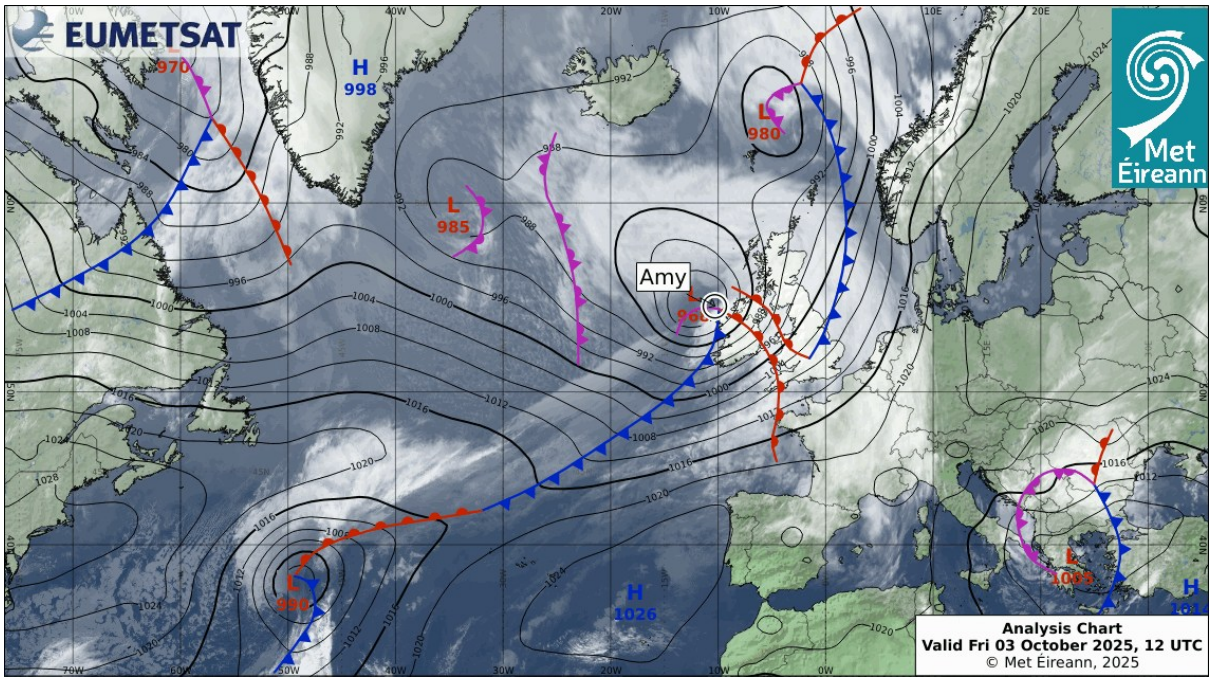


Figure 1. EUMETSAT Analysis Chart on Fri 3 Oct 2025 at 12 UTC

Daily Weather Summaries

This section explains the day-by-day evolution of the weather leading into, during and after the storm, describing the large-scale atmospheric pattern, surface conditions, notable weather observed across Ireland each day together with satellite and radar imagery.

Thursday 2 October 2025

A wet and blustery day, with widespread heavy rain, especially across western and southern areas. It was dry for a time early on in eastern counties. Southerly winds increased to fresh and gusty, becoming strong near coasts. During the evening and overnight, blustery, heavy rain cleared eastwards into the Irish Sea early in the night. Long clear spells followed, though scattered heavy showers affected the north, and rain arrived in the Southwest later in the night. Fresh and gusty southwest winds moderated overnight, before strengthening again towards dawn.

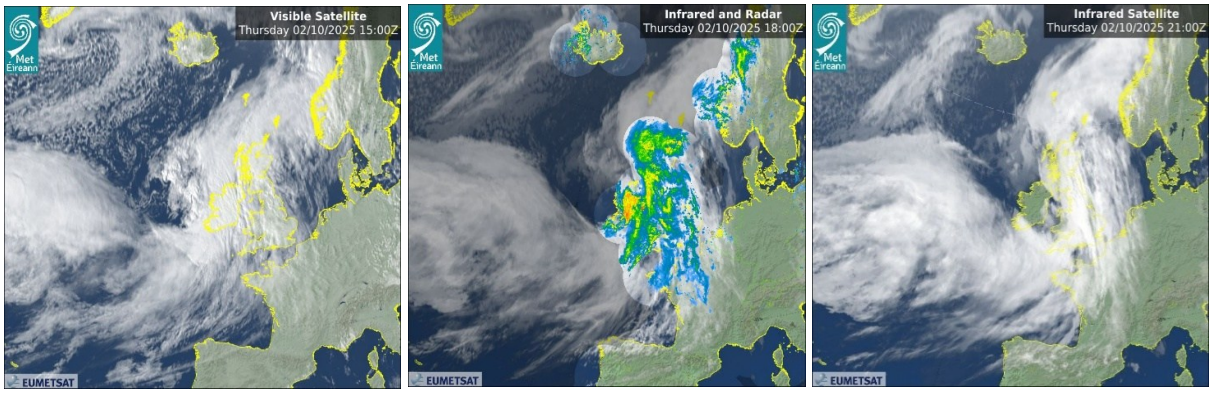


Figure 2. EUMETSAT: Visible, Infrared and Radar, and Infrared Satellite imagery on Thu 2 Oct 2025 at 15, 18 and 21 UTC

Friday 3 October 2025

Storm Amy brought very windy or stormy conditions and heavy rain during the day. Strong to gale force south to southwest winds veered westerly, with severe and damaging gusts. At times during the afternoon and evening, winds reached storm to violent storm force along western and northwestern coasts. During the morning, rain from the southwest extended across the country. The rain gradually cleared eastwards through the afternoon, followed by scattered showers and some brighter intervals. Later in the day, it remained windy with widespread heavy showers and longer spells of rain, as strong to near gale-force west to southwest winds affected much of the country, with gales along northern and western coasts.

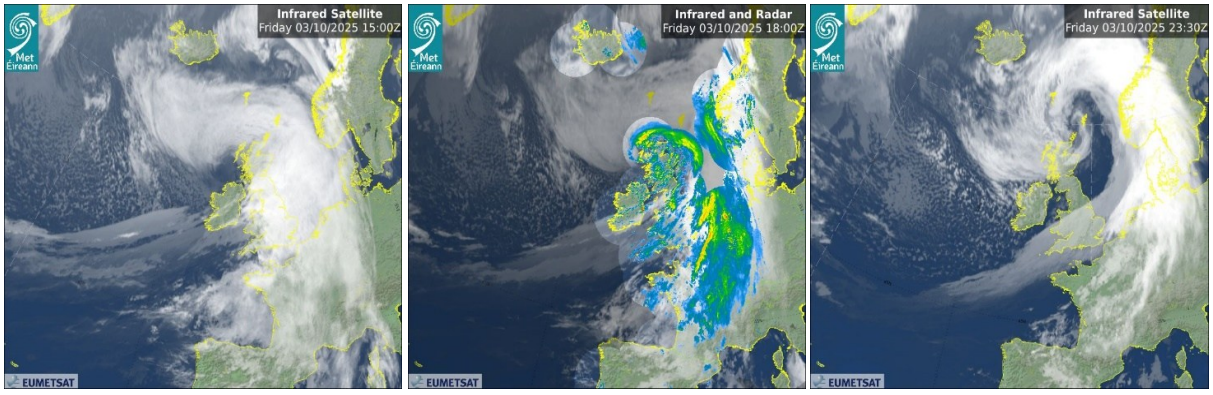


Figure 3. EUMETSAT: Infrared, Infrared and Radar, and Infrared Satellite imagery on Fri 3 Oct 2025 at 15, 18 and 23 UTC

Saturday 4 October 2025

Storm Amy, with a central pressure of 945 hPa at 06 UTC, was centred to the west of the Orkney Islands and generated a near gale to strong gale force westerly airflow over Ireland, with showery troughs embedded in the flow. The airflow gradually eased as high pressure built to the south during the morning and into the day. It remained a windy day, with fresh to strong and gusty west to northwest winds. Rain over the northern half of the country moved southwards, heavy at times. There was a mix of sunshine and showers during the afternoon, and while it remained windy, there was a lot of dry weather through the night, with just a few scattered showers.

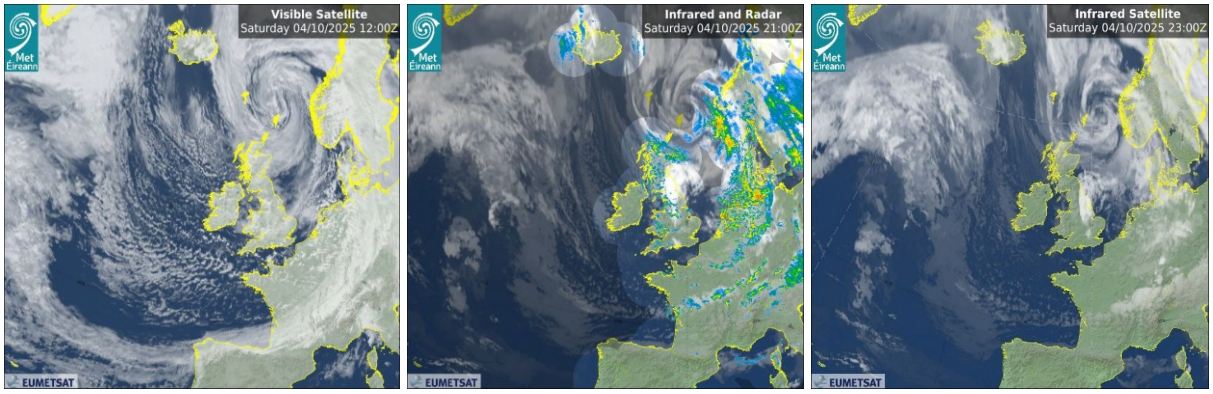


Figure 4. EUMETSAT Visible, Infrared and Radar, and Infrared Satellite imagery on Sat 4 Oct 2025 at 12, 21 and 23 UTC

Sunday 5 October 2025

During the day, Ireland lay under a strong to near-gale north westerly airflow as Storm Amy, centred east of Shetland, continued moving north, with an anticyclone positioned to the southwest of the country. Conditions were mostly cloudy and dry, with only a few isolated light showers. Rain and drizzle spread into the West and Northwest during the early hours and again in the evening. Overnight, the weather remained largely cloudy with patchy rain and drizzle mainly in the Northwest - and some mist. Meanwhile, clearer spells developed in the South and gradually extended northwards through the night.

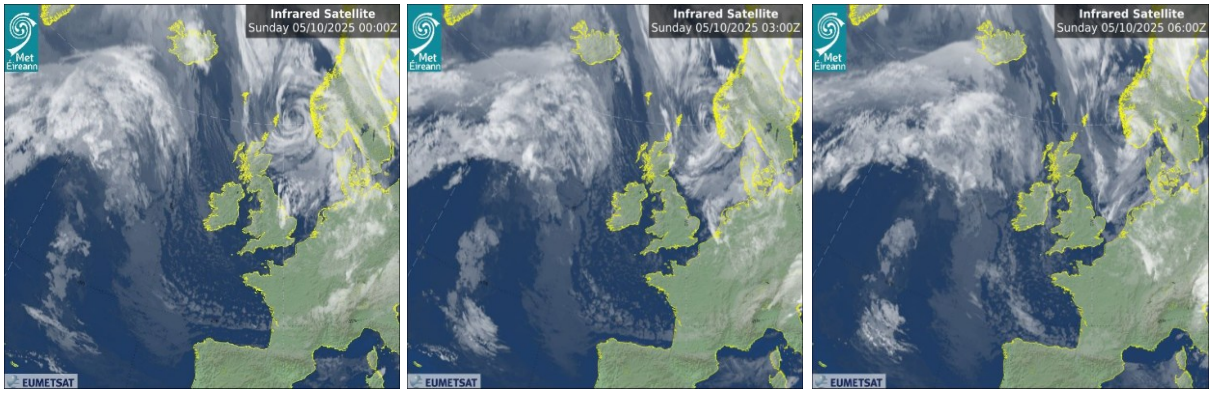


Figure 5. EUMETSAT Infrared satellite imagery on Sun 5 Oct 2025 at 00, 03 and 06 UTC

Atmospheric Pressure

Atmospheric pressure gradients drive large-scale circulation and wind. A storm deepens when its central pressure falls.

Storm track and evolution

This section gives the track of the storm using synoptic surface analysis charts, at 12-hour steps, which shows analysed sea level pressure patterns and frontal positions, illustrating how the storm evolved, intensified and moved.

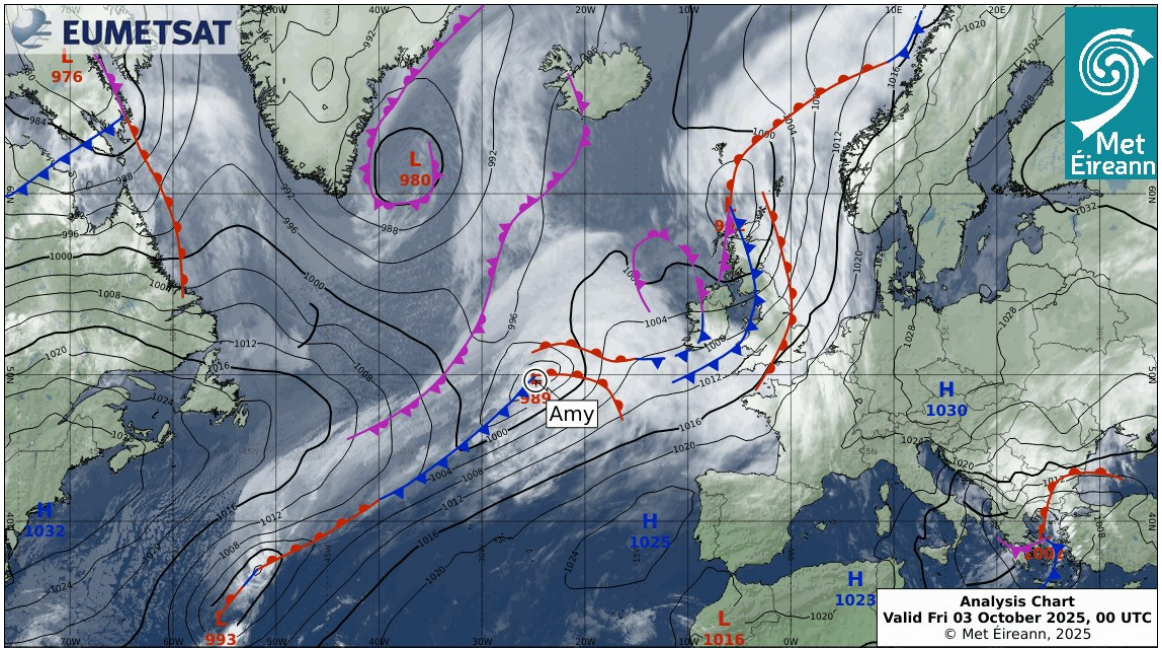


Figure 6. EUMETSAT satellite imagery, surface pressure and frontal analysis at midnight Thu

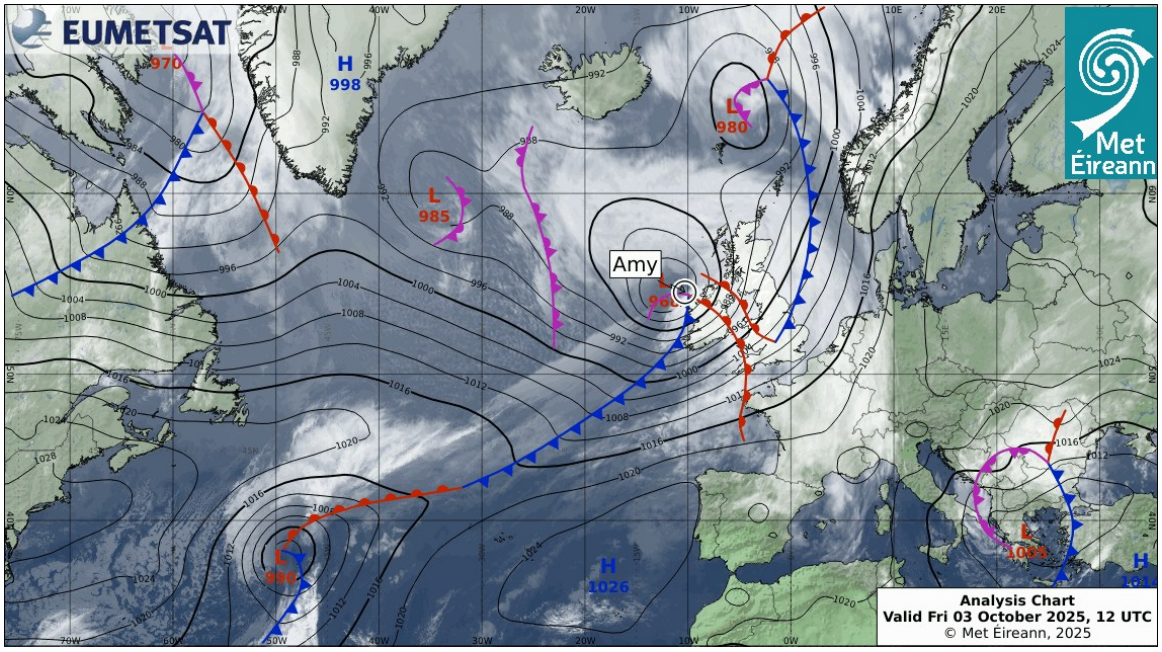


Figure 7. EUMETSAT satellite imagery, surface pressure and frontal analysis at 12 UTC Fri

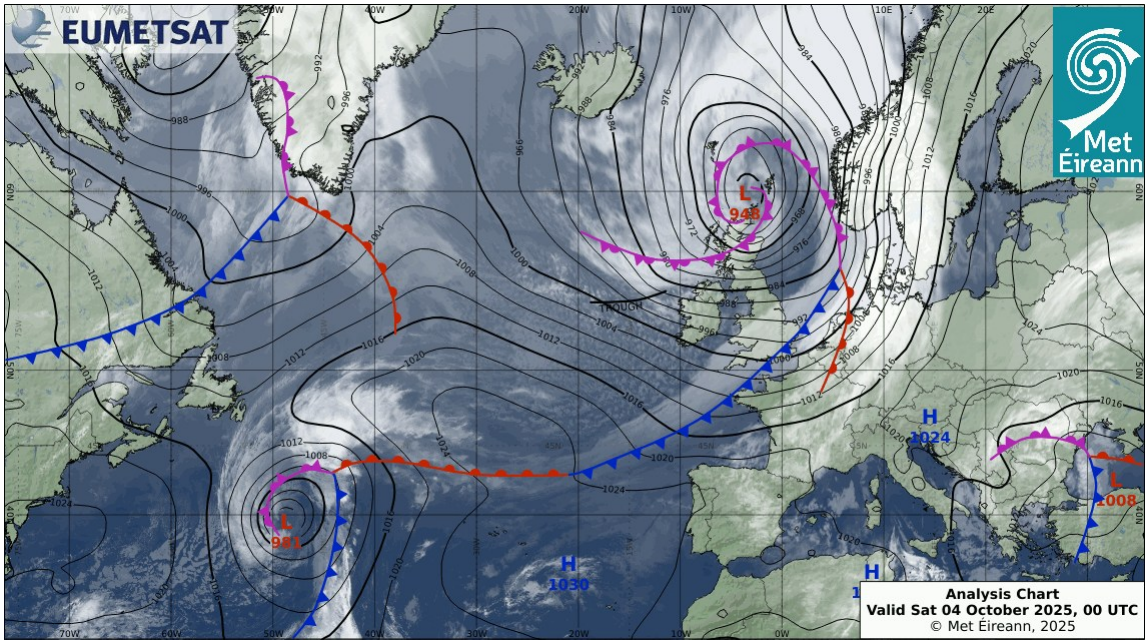


Figure 8. EUMETSAT satellite imagery, surface pressure and frontal analysis at midnight Fri

Mean sea level pressure on land

This section shows how air pressure changed over time, focusing on the lowest mean sea level pressures at land stations. Using mean sea level pressure removes the effect of station height, allowing comparison between stations and ensuring differences reflect the storm rather than elevation.

Between 03 and 14 UTC on Friday 3 October 2025, the mean sea level pressure dropped by 24.7 hPa over 12 hours at Ballyhaise, Co Cavan from 1003.9 to 979.2 hPa.

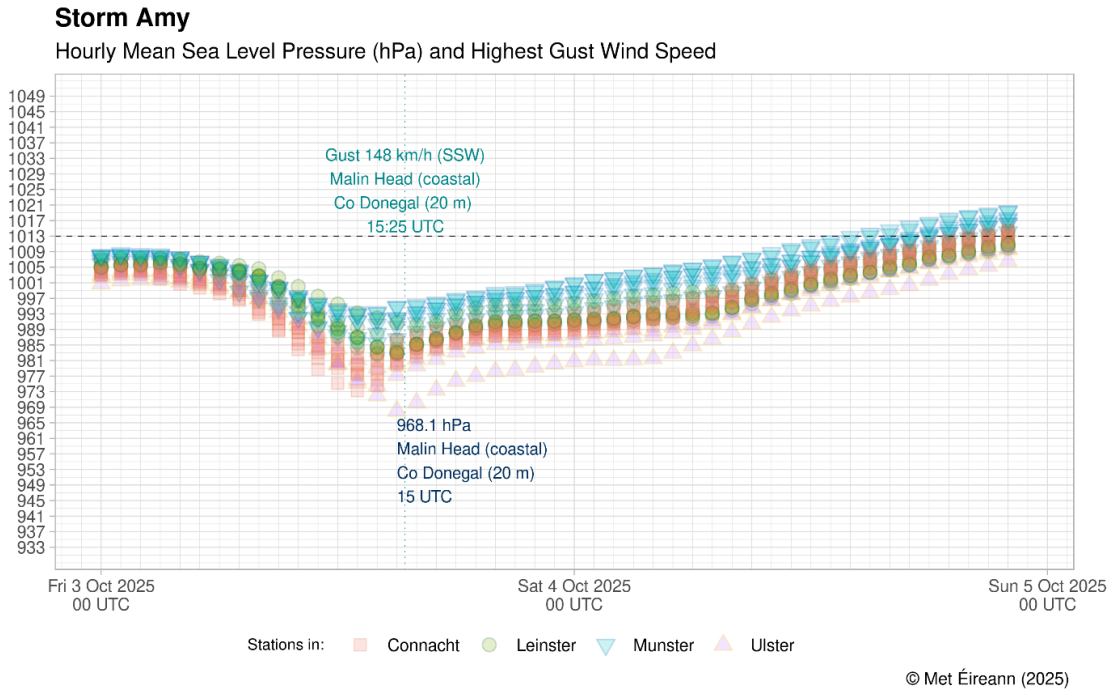


Figure 9. Mean sea level pressure traces for observations at stations, grouped by province

Storm Extremes

This section summarises the extreme weather elements observed during the storm, based on quality-controlled measurements. This section presents any station records, if they occur, where the observations during the storm were notable or climatologically significant.

For individual station level observations, see Table 2, Table 4 and Table 5.

Table 1. Table of daily (00-00 UTC) extremes during Storm Amy on Fri 3 and Sat 4 Oct 2025

Highest sustained wind speed	Highest gust wind speed	Highest day rainfall total	Lowest daily air temp.	Highest daily air temp.	Lowest mean sea level pressure	Highest Individual wave
111 km/h (60 knots, 69 mph) Violent Storm	148 km/h (80 knots, 92 mph)	34.7 mm	6.0 °C	19.7 °C	968.1 hPa	14.7 m
Malin Head* (coastal), Co Donegal	Malin Head* (coastal), Co Donegal	Knock Airport, Co Mayo	Cork Airport (coastal), Co Cork	Phoenix Park, Co Dublin	Malin Head (coastal), Co Donegal	Buoy M4 (off Donegal coast)
Fri 4 pm	Fri 4:25 pm	Fri	Fri	Fri	Fri 4 pm	Sat 9 am

Impacts

This section outlines some of the impacts across Ireland, based upon reports by the relevant authorities.

Gardaí said an incident in Letterkenny, Co Donegal, shortly after 4 pm Friday, in which a man sustained serious injuries, was being treated as 'weather-related' and later reports confirmed he had died (RTÉ 3-Oct-2025).

- "*Storm Amy has resulted in significant damage to electricity supply, some localised flooding, impact on communication networks, and some roads blocked or damaged by fallen trees*" (National Directorate for Fire and Emergency Management statement on Storm Amy, 2025).
- On Friday evening about 184,000 homes, farms and businesses were reported without power, primarily across Galway, Mayo, Sligo, Roscommon, Leitrim, Cavan, and Donegal (ESB Networks' Post).
- Uisce Éireann estimated that around 4,000 homes were without water (Uisce Éireann, 2025).
- By 8 pm Friday 3rd, a total of 115 flights were cancelled and 18 inbound flights diverted to other airports (@DublinAirport, 2025).
- By 8 am Saturday 4th, 20 flights reported as cancelled by airlines at Dublin Airport, with additional delays (@DublinAirport, 2025).

- Bus Éireann: Significant service cancellations affected Donegal routes the afternoon of Friday 3rd (TFI, 2025).
- Dublin/Belfast train service operated between Dublin/Dundalk only due to fallen trees on the line. Delays experienced on some other routes also (@IrishRail, 2025).
- Portumna Forest Park, Co Galway closed on Friday 3rd October and Saturday 4th October due Storm Amy (Coillte, 2025).
- Galway County Council reported several roads across County Galway were closed or impassable due to flooding, surface water and storm-related debris (@GalwayCountyCouncil, 2025).
- The Irish Farmers' Association (IFA) said rain in the days around Storm Amy drove river rises and led to some farmers reporting their fields were unavailable for grazing (RTÉ, 2025).

Land Observations

Wind

This section presents a table containing wind speeds observations from the wind stations during the storm.

Table 2. Wind speed extremes at wind stations during Fri 3 and Sat 4 Oct 2025

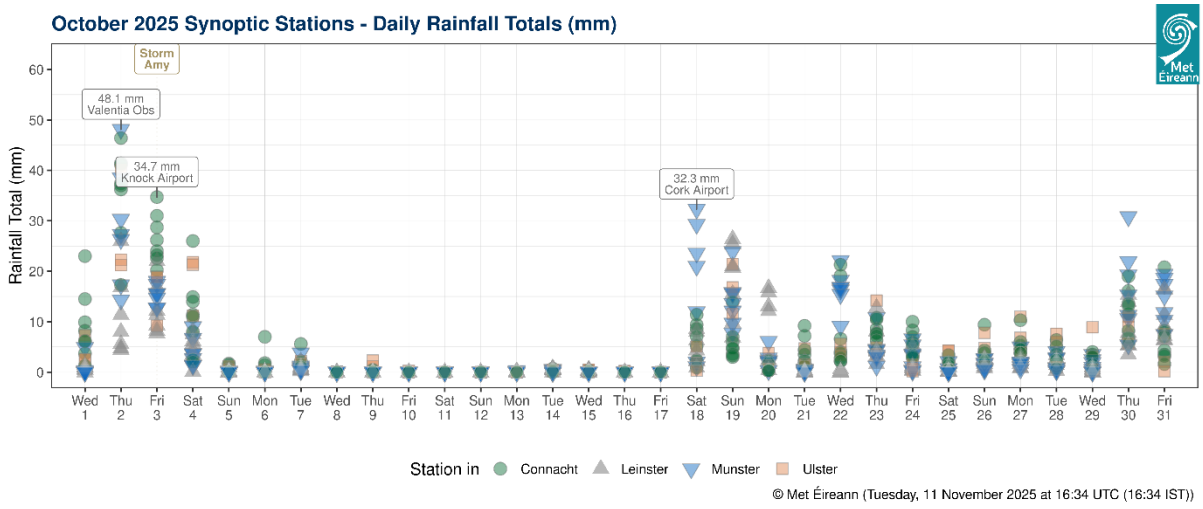
Land Station Location	Highest Sustained Wind Speed (km/h)	Date of Sustained Wind	Wind Direction of Sustained Wind	Highest Gust (3-second) Wind Speed	Date of Gust	Wind Direction of Gust
Malin Head* (coastal) Co Donegal	111 km/h Violent Storm Force (60 knots or 69 mph)	Fri 3 Oct 2025 15 UTC	210° (SSW)	148 km/h (80 knots or 92 mph)	Fri 3 Oct 2025 1525 UTC	210° (SSW)
Mace Head** (coastal) Co Galway	94 km/h Storm Force (51 knots or 59 mph)	Fri 3 Oct 2025 13 UTC	230° (SW)	122 km/h (66 knots or 76 mph)	Fri 3 Oct 2025 2326 UTC	270° (W)
Belmullet (coastal) Co Mayo	91 km/h Storm Force (49 knots or 56 mph)	Fri 3 Oct 2025 11 UTC	200° (SSW)	124 km/h (67 knots or 77 mph)	Fri 3 Oct 2025 1210 UTC	200° (SSW)
Finner (coastal) Co Donegal	85 km/h Strong Gale Force (46 knots or 53 mph)	Fri 3 Oct 2025 14 UTC	230° (SW)	115 km/h (62 knots or 71 mph)	Sat 4 Oct 2025 1500 UTC	270° (W)
Shannon Airport (coastal) Co Clare	76 km/h Strong Gale Force (41 knots or 47 mph)	Fri 3 Oct 2025 15 UTC	240° (WSW)	113 km/h (61 knots or 70 mph)	Fri 3 Oct 2025 1357 UTC	250° (WSW)
Roches Point (coastal) Co Cork	74 km/h Gale Force 8 (40 knots or 46 mph)	Fri 3 Oct 2025 12 UTC	200° (SSW)	96 km/h (52 knots or 60 mph)	Fri 3 Oct 2025 1455 UTC	230° (SW)

Land Station Location	Highest Sustained Wind Speed (km/h)	Date of Sustained Wind	Wind Direction of Sustained Wind	Highest Gust (3-second) Wind Speed	Date of Gust	Wind Direction of Gust
Newport (coastal) Co Mayo	72 km/h Gale Force 8 (39 knots or 45 mph)	Fri 3 Oct 2025 13 UTC	210° (SSW)	119 km/h (64 knots or 74 mph)	Fri 3 Oct 2025 1300 UTC	220° (SW)
Sherkin Island (coastal) Co Cork	72 km/h Gale Force 8 (39 knots or 45 mph)	Fri 3 Oct 2025 14 UTC	240° (WSW)	102 km/h (55 knots or 63 mph)	Fri 3 Oct 2025 1414 UTC	230° (SW)
Gurteen Co Tipperary	72 km/h Gale Force 8 (39 knots or 45 mph)	Fri 3 Oct 2025 14 UTC	230° (SW)	100 km/h (54 knots or 62 mph)	Fri 3 Oct 2025 1449 UTC	230° (SW)
Oak Park Co Carlow	63 km/h Gale Force 8 (34 knots or 39 mph)	Fri 3 Oct 2025 15 UTC	240° (WSW)	96 km/h (52 knots or 60 mph)	Fri 3 Oct 2025 1548 UTC	240° (WSW)
Cork Airport (coastal) Co Cork	63 km/h Gale Force 8 (34 knots or 39 mph)	Fri 3 Oct 2025 13 UTC	220° (SW)	94 km/h (51 knots or 59 mph)	Fri 3 Oct 2025 1157 UTC	210° (SSW)
Athenry Co Galway	61 km/h Near Gale (33 knots or 38 mph)	Fri 3 Oct 2025 13 UTC	220° (SW)	100 km/h (54 knots or 62 mph)	Fri 3 Oct 2025 1322 UTC	220° (SW)
Claremorris Co Mayo	59 km/h Near Gale (32 knots or 37 mph)	Fri 3 Oct 2025 13 UTC	220° (SW)	102 km/h (55 knots or 63 mph)	Fri 3 Oct 2025 1331 UTC	220° (SW)
Ballyhaise Co Cavan	59 km/h Near Gale (32 knots or 37 mph)	Fri 3 Oct 2025 14 UTC	220° (SW)	100 km/h (54 knots or 62 mph)	Fri 3 Oct 2025 1521 UTC	220° (SW)
Valentia Observatory (coastal) Co Kerry	59 km/h Near Gale (32 knots or 37 mph)	Fri 3 Oct 2025 13 UTC	220° (SW)	96 km/h (52 knots or 60 mph)	Fri 3 Oct 2025 1304 UTC	220° (SW)
Dunsany Co Meath	57 km/h Near Gale (31 knots or 36 mph)	Fri 3 Oct 2025 15 UTC	240° (WSW)	98 km/h (53 knots or 61 mph)	Fri 3 Oct 2025 1530 UTC	230° (SW)
Mullingar Co Westmeath	54 km/h Near Gale (29 knots or 33 mph)	Fri 3 Oct 2025 14 UTC	230° (SW)	106 km/h (57 knots or 66 mph)	Fri 3 Oct 2025 1459 UTC	230° (SW)
Dublin Airport (coastal) Co Dublin	54 km/h Near Gale (29 knots or 33 mph)	Sat 4 Oct 2025 17 UTC	270° (W)	89 km/h (48 knots or 55 mph)	Fri 3 Oct 2025 1604 UTC	250° (WSW)
Casement Aerodrome Co Dublin	50 km/h Strong Breeze (27 knots or 31 mph)	Thu 2 Oct 2025 17 UTC	190° (S)	69 km/h (37 knots or 43 mph)	Thu 2 Oct 2025 1714 UTC	190° (S)
Mount Dillon Co Roscommon	48 km/h Strong Breeze (26 knots or 30 mph)	Fri 3 Oct 2025 14 UTC	220° (SW)	93 km/h (50 knots or 58 mph)	Fri 3 Oct 2025 1354 UTC	220° (SW)

Land Station Location	Highest Sustained Wind Speed (km/h)	Date of Sustained Wind	Wind Direction of Sustained Wind	Highest Gust (3-second) Wind Speed	Date of Gust	Wind Direction of Gust
Johnstown Castle (coastal) Co Wexford	44 km/h Strong Breeze (24 knots or 28 mph)	Fri 3 Oct 2025 15 UTC	220° (SW)	81 km/h (44 knots or 51 mph)	Fri 3 Oct 2025 1547 UTC	220° (SW)
Moore Park Co Cork	39 km/h Fresh Breeze (21 knots or 24 mph)	Sat 4 Oct 2025 10 UTC	270° (W)	63 km/h (34 knots or 39 mph)	Sat 4 Oct 2025 1608 UTC	270° (W)
Knock Airport Co Mayo	33 km/h Fresh Breeze (18 knots or 21 mph)	Thu 2 Oct 2025 20 UTC	210° (SSW)	119 km/h (64 knots or 74 mph)	Fri 3 Oct 2025 1428 UTC	230° (SW)

Rainfall

This section presents daily rainfall graphics and a table. The graphic would be useful for assessing not only peak impacts but also post event rainfall that may affect catchment response, soil saturation and recovery conditions after the main rainfall period. Included is a table which provides a concise overview of the most significant short duration and multi-day rainfall.



Figures 10. October 2025 daily rainfall totals, grouped by province

The highest daily rainfall total was 48.1 mm at Valentia Observatory (coastal), Co Kerry (28 % of its October LTA) on Thursday 2 October 2025. See table below for synoptic station rainfall from Thursday 2nd to Saturday 4th October 2025.

Table 3. Calendar daily rainfall totals at SYNOPTIC stations for each day together with its percentage of the 1991-2020 October Long-Term Average (LTA)

Station location	County	Thu 2 Oct 2025	% Oct LTA	Fri 3 Oct 2025	% Oct LTA	Sat 4 Oct 2025	% Oct LTA
Oak Park	Carlow	11.4	12	12.2	13	4.3	5
Ballyhaise	Cavan	40.2	41	18.9	19	21.8	22
Shannon Airport	Clare	27.3	29	14.7	15	5.9	6
Cork Airport	Cork	30.3	23	17.4	12	9.0	2
Moore Park	Cork	17.3	16	12.7	12	1.3	1
Roches Point	Cork	26.3	25	12.7	12	1.4	1
Sherkin Island	Cork	38.5	34	15.6	15	2.7	8
Finner	Donegal	22.3	18	9.2	15	11.2	17
Malin Head	Donegal	21.2	19	18.8	8	21.3	10
Casement	Dublin	4.4	5	8.2	11	7.5	4
Dublin Airport	Dublin	5.6	7	7.7	10	5.6	7
Phoenix Park	Dublin	4.7	6	9.3	11	3.5	10
Athenry	Galway	41.1	35	31.0	20	2.0	2
Mace Head	Galway	37.0	35	24.0	29	2.5	2
Valentia Observatory	Kerry	48.1	28	18.0	10	3.6	2
Belmullet	Mayo	17.3	13	28.7	15	14.9	6
Claremorris	Mayo	46.4	38	34.7	21	11.0	11
Knock Airport	Mayo	41.4	32	26.2	27	14.0	9
Newport	Mayo	27.6	18	20.2	19	8.0	10
Dunsany	Meath	8.0	9	11.4	13	6.2	7
Mount Dillon	Roscommon	36.2	35	23.2	23	11.4	11
Markree	Sligo	37.4	32	22.6	19	26.0	22
Gurteen	Tipperary	14.3	15	15.5	16	3.7	4
Mullingar	Westmeath	16.8	17	16.8	17	8.2	8
Johnstown Castle	Wexford	26	21	22	18	0.1	0

A few days after the storm, there were up to ten consecutive dry days (no more than 0.0 mm of rain fell any day) between Wednesday 8 and Friday 17 October 2025 inclusive) at Shannon Airport (coastal), Co Clare and Valentia Observatory (coastal), Co Kerry.

Table 4. Extremes in rainfall totals over sub-daily, daily and multi-day time periods, during Thu 2 to Sat 4 Oct 2025

Rainfall	Station Location	County	Rainfall Total (mm)	Date	Hour Ending
Hour	Maam Valley***	Galway	20.3	Fri 3 Oct 2025	10 UTC
3 Hours	Maam Valley***	Galway	40.7	Fri 3 Oct 2025	11 UTC
6 Hours	Glengarriff (Illnacullin)* coastal)	Cork	65.6	Thu 2 Oct 2025	13 UTC

Rainfall	Station Location	County	Rainfall Total (mm)	Date	Hour Ending
12 Hours	Glengarriff (Illnacullin)*** (coastal)	Cork	90.6	Thu 2 Oct 2025	17 UTC
24 Hours	Glengarriff (Illnacullin)*** (coastal)	Cork	109.4	Fri 3 Oct 2025	00 UTC
2 Days	Glengarriff (Illnacullin)*** (coastal)	Cork	161.9	Sat 4 Oct 2025	00 UTC

Marine Observations

This section summarises marine conditions recorded by the Irish Marine Data Buoy Observation Network (IMDBON). These observations are critical for assessing storm severity at sea and associated coastal risk.

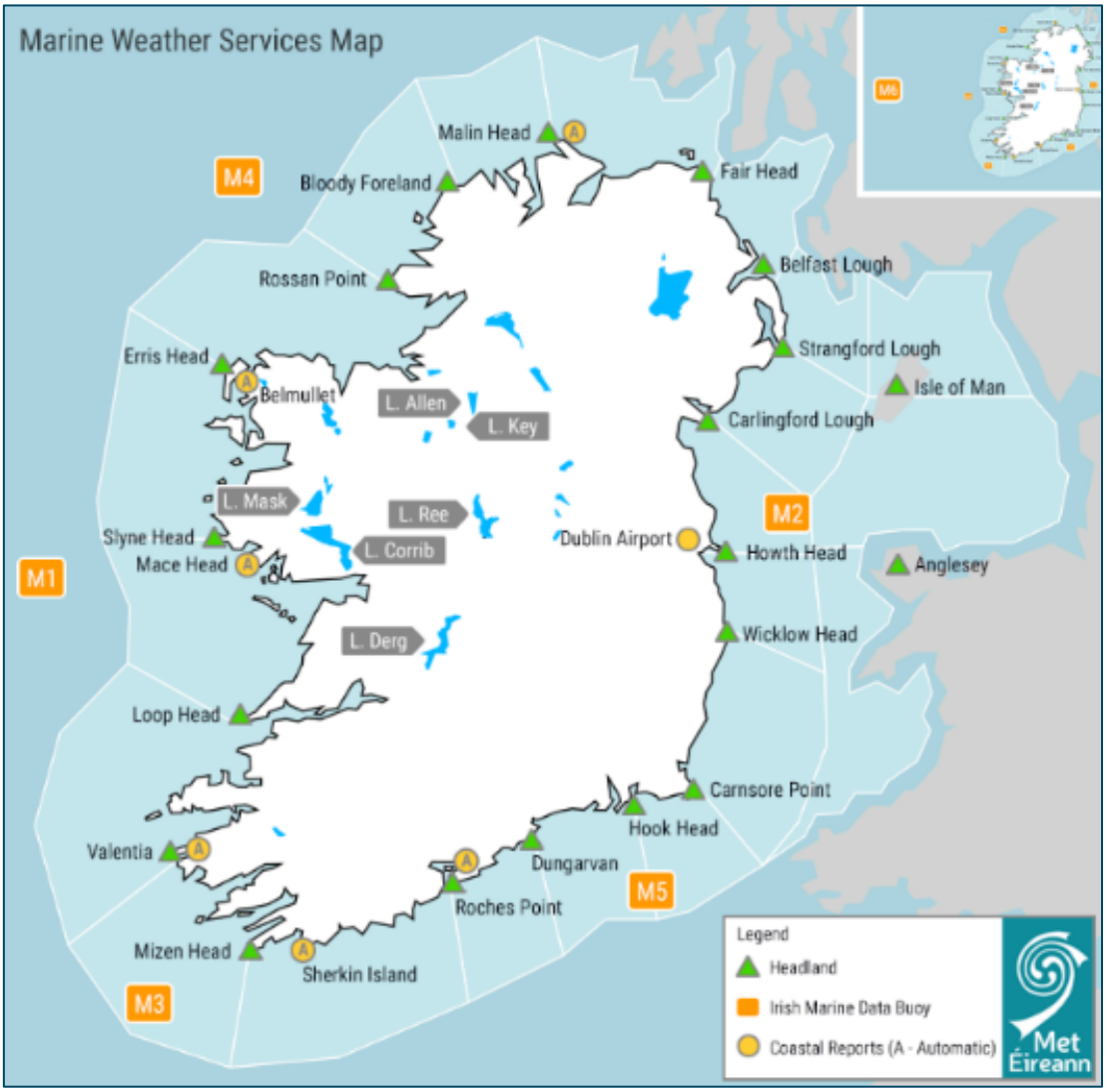


Figure 11. Met Éireann's Marine Weather Services Map

The storm produced maximum sustained winds of 49.0 knots (90.7 km/h). Atmospheric pressure dropped to a minimum of 964.8 hPa at Buoy M4 (off the Donegal coast). For more see next table.

Table 5. Extremes of wind speeds and wave heights at buoys from during Fri 3 to Sun 4 Oct 2025

Buoy Location	Highest sustained wind speeds (km/h)	Highest gust wind Speeds (km/h)	Highest significant wave heights (m)	Highest individual wave heights (m)	Lowest mean sea level pressure (hPa)
Buoy M2 (in the Irish Sea)	72 km/h (39 knots or 45 mph) 08 UTC Sat 4 Oct 2025	100 km/h (54 knots or 62 mph) 09 UTC Sat 4 Oct 2025	4.1 m 15 UTC Fri 3 Oct 2025	7.8 m 17 UTC Fri 3 Oct 2025	984.1 hPa 16 UTC Fri 3 Oct 2025
Buoy M3 (off the Cork coast)	62 km/h (33 knots or 38 mph) 12 UTC Fri 3 Oct 2025	91 km/h (49 knots or 56 mph) 13 UTC Fri 3 Oct 2025	8.3 m 09 UTC Sat 4 Oct 2025	11.7 m 09 UTC Sat 4 Oct 2025	993.1 hPa 13 UTC Fri 3 Oct 2025
Buoy M4 (off the Donegal coast)	91 km/h (49 knots or 56 mph) 15 UTC Fri 3 Oct 2025	110 km/h (59 knots or 31 mph) 16 UTC Fri 3 Oct 2025	8.9 m 05 UTC Sat 4 Oct 2025	14.7 m 09 UTC Sat 4 Oct 2025	964.8 hPa 14 UTC Fri 3 Oct 2025
Buoy M5 (off the south Wexford coast)	69 km/h (37 knots or 43 mph) 05 UTC Sat 4 Oct 2025	91 km/h (49 knots or 56 mph) 05 UTC Sat 4 Oct 2025	5.4 m 04, 06, 11, 13 UTC, Sat 4 Oct 2025	9.2 m 05 UTC Sat 4 Oct 2025	993.3 hPa 16 UTC Fri 3 Oct 2025
Buoy M6 (in the deep Atlantic)	63 km/h (34 knots or 39 mph) 11 UTC Fri 3 Oct 2025	96 km/h (52 knots or 60 mph) 11 UTC Fri 3 Oct 2025	7.7 m 06 UTC Sat 4 Oct 2025 and 03 UTC Sat 4 Oct 2025	14.1 m 12 UTC Sat 4 Oct 2025	974.0 hPa 10 UTC Fri 3 Oct 2025

Information and Assistance

During storm events, the public should rely on official sources for the latest information.

- Monitor Met Éireann forecasts as conditions can change quickly. Updates are available at www.met.ie, via the Met Éireann app, on social media at @meteireann.
- Check Local Authority websites and social media for information on road closures, flooding updates and community alerts.
- Do not bypass Road Closed signs. Do not drive through floodwater. Allow for disruption when commuting.
- Stay back from riverbanks, streams and canals as water levels may rise quickly. Keep children and pets away from waterways and flooded areas.
- Keep away from coastal edges, harbours, piers and low-lying promenades during high tide. The Irish Coast Guard advice remains: *Stay Back, Stay High, Stay Dry*.
- Check in with neighbours, older people or anyone who may need assistance.

- Stay away from fallen cables and report them immediately to ESB Networks on 1800 372 999. Power restoration times can be monitored on www.PowerCheck.ie
- Uisce Éireann customers can check www.water.ie and social media for updates and contact the 24/7 customer care centre on 1800 278 278.

Definitions

Long Term Averages (LTA) and climatological normals refer to observations averaged over the standard climatological reference period 1991 to 2020.Sustained (or mean) wind speeds are averaged over 10-minutes. Gust wind speeds are averaged over 3-seconds. Unless otherwise stated, daily means calendar day, midnight to midnight UTC.

* Malin Head's anemometer is at 22 m, the standard height at other stations is 10 m.
** Mace Head's anemometer is situated above exposed rock at the coastline.
*** Station data is not quality controlled and not used for records purposes.

For climate information, please contact: enquiries@met.ie.
For media queries, please contact: media@met.ie.