September 2026

Very warm, wet and dull for most

September 2026 was significantly warmer than average everywhere, especially in the East. It was also wetter and duller than average in most places with frequent rain or showers. Low pressure to the north and high pressure to the south through most of the month resulted in a predominantly mild, mobile Atlantic airflow between southerly and westerly. Occasionally, high pressure to the south moved north and brought some short dry periods. On other occasions, low pressure to the north moved closer and brought some active weather fronts across the country from the west or southwest with heavy rain in places. Several of the sunniest days, Tuesday 8th, Tuesday 15th and Wednesday 23rd followed cold fronts when slightly cooler Polar maritime air masses along with transient ridges of high pressure moved over the country. Several of the warmest days, Wednesday 2nd, Saturday 12th, Monday 14th and Monday 21st, when temperatures reached the mid-twenties in places, followed warm fronts when tropical maritime air masses moved over the country from the south or southwest. Heavy rain fell on Sunday 27th in the South and East as a secondary shallow low moved north and interacted with a cold front crossing the country from the west. A rapidly deepening and intense low pressure system moved north from the Azores on Monday 28th. The storm passed Ireland well to the west on Tuesday 29th moving north but still brought widespread rain and strong winds along with a very warm tropical maritime airmass.

Rainfall: Above average in most places, wettest in the Southeast and Northwest

The majority of monthly rainfall totals were above their 1991-2020 Long-Term Average (LTA). Percentage of monthly rainfall values ranged from 99% (76.6 mm) at Shannon Airport, Co Clare to 163% (110.6 mm) at Oak Park, Co Carlow. Monthly rainfall totals ranged from 73.8 mm (100% of its LTA) at Roches Point, Co Cork to 172.3 mm (131% of its LTA) at Newport, Co Mayo. The highest daily rainfall total was 38.6 mm at Oak Park, Co Carlow on Sunday 27th. The number of rain days[0] ranged from 17 days at Dublin Airport, Co Dublin to 28 days at a few stations. The number of wet days[1] ranged from 12 days at Oak Park, Co Carlow to 24 days at both Newport, Co Mayo and Belmullet, Co Mayo. The number of very wet days[3] ranged from 1 day at a few stations to 6 days at Newport, Co Mayo.

Temperature: Significantly above average everywhere, highest in the East

All mean air temperatures across the country were above their LTA for the month. Deviations from mean air temperature ranged from +0.9 °C at both Belmullet, Co Mayo (14.6 °C mean temperature) and Newport, Co Mayo (14.7 °C mean temperature) to +2.6 °C at Dublin Airport, Co Dublin (15.6 °C mean temperature). Mean temperatures for the month ranged from 13.4 °C (1.3 °C above its LTA) at Knock Airport, Co Mayo to 15.8 °C (1.6 °C above its LTA) at Shannon Airport, Co Clare *(its warmest September on record (length 81 years))*. The month's highest temperature was reported at Phoenix Park, Co Dublin on Monday 14th with a temperature of 25.2 °C. The month's lowest air and grass minimum temperatures were recorded on Monday 28th. The lowest air minimum reported at Markree, Co Sligo with a temperature of 2.6 °C and the lowest grass minimum reported at Mount Dillon, Co Roscommon with -2.1 °C. There was no air frost reported this month. Less than half of stations reported ground frost. The number of days with ground frost ranged from zero days at most stations to 3 days at Mount Dillon, Co Roscommon. Along with Shannon Airport, seven other stations reported their warmest September on record and five stations reported their joint warmest September on record, three tied with September 2021 the warmest September on record for Ireland *(among the record breaking stations are Phoenix Park and Dublin Airport with records going back 127 and 84 years respectively)*. The lowest temperature reported at Mace Head, Co Galway this September was 11.3 °C. This is the highest overall monthly minimum temperature for September at any synoptic station on record. Five other stations also had their highest overall monthly minimum temperature for September on record. Ten stations had their highest mean minimum temperature for September on record while two stations in Dublin, Phoenix Park and Dublin Airport, had their highest mean maximum temperature for September on record.

Sunshine: Dull overall, sunniest in the East, dullest in the South and West

A dull month overall with only one station reporting sunshine values above average. Percentage of monthly sunshine values ranged from 99% (117.3 hours) at Shannon Airport, Co Clare to 106% (the month's highest monthly sunshine total of 134.0 hours) at Casement Aerodrome, Co Dublin. Monthly sunshine totals were lowest at Valentia Observatory, Co Kerry with 67.3 hours (No LTA comparison*). The highest number of daily sunshine hours recorded this month was 10.6 hours at Dublin Airport on Sunday 20th. The number of dull days[2] ranged from 2 days at both Gurteen, Co Tipperary and Casement Aerodrome, Co Dublin to 11 days at both Valentia Observatory, Co Kerry and Belmullet, Co Mayo.

Wind: Gales reported on four days

Monthly mean wind speeds ranged from 5.4 knots (10.0 km/h) at Moore Park, Co Cork to 17.7 knots (32.8 km/h) at Mace Head, Co Galway. Gales were reported on Sunday 6th, Friday 11th, Thursday 17th and Tuesday 29th. The number of days with gale force winds ranged from zero days at a few stations to 3 days at Belmullet, Co Mayo. There were no strong gales or storms reported this month. Both the month's highest gust and 10-minute mean wind speed were reported on Tuesday 29th. The highest gust was 56 knots (104 km/h) reported at Valentia Observatory, Co Kerry while the month's highest 10-minute mean wind speed was 40 knots (74 km/h) reported at Belmullet, Co Mayo. Eight stations reported their highest mean wind speed for September since 2011.

EXTREME VALUES AT SYNOPTIC STATIONS

Rainfall

Highest monthly total: 172.3 mm at Newport, Co Mayo (131% of its LTA)
Lowest monthly total: 73.8 mm at Roches Point, Co Cork (100% of its LTA)
Highest daily rainfall: 38.6 mm at Oak Park, Co Carlow (57% of its monthly LTA) on Sun 27th *(its highest daily fall in September since 2019)*

Temperature

Highest mean monthly temperature: 15.8°C at Shannon Airport, Co Clare (1.6°C above its LTA) *(its warmest September on record (length 81 years))*
Lowest mean monthly temperature: 13.4°C at Knock Airport, Co Mayo (1.3°C above its LTA)
Highest air temperature: 25.2°C at Phoenix Park, Co Dublin (7.4°C above its LTA) on Mon 14th
Lowest air temperature: 2.6 °C at Markree, Co Sligo (5.5°C below its LTA) on Mon 28th
Lowest grass minimum: -2.1 °C at Mount Dillon, Co Roscommon on Mon 28th

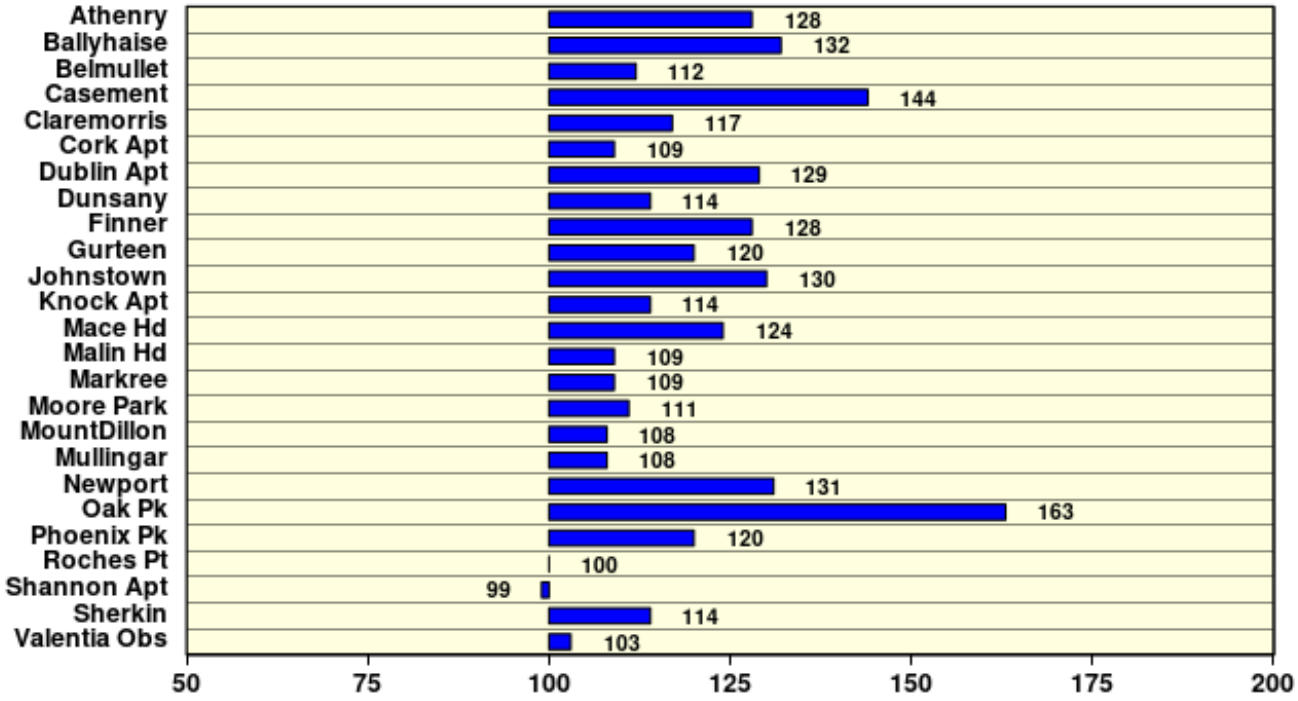
Sunshine

Highest monthly total: 134.0 hours (daily mean 4.47 hrs/day) at Casement Aerodrome, Co Dublin
Lowest monthly total: 67.3 hours (daily mean 2.24 hrs/day) at Valentia Observatory, Co Kerry
Highest daily sunshine total: 10.6 hours at Dublin Airport, Co Dublin on Sun 20th

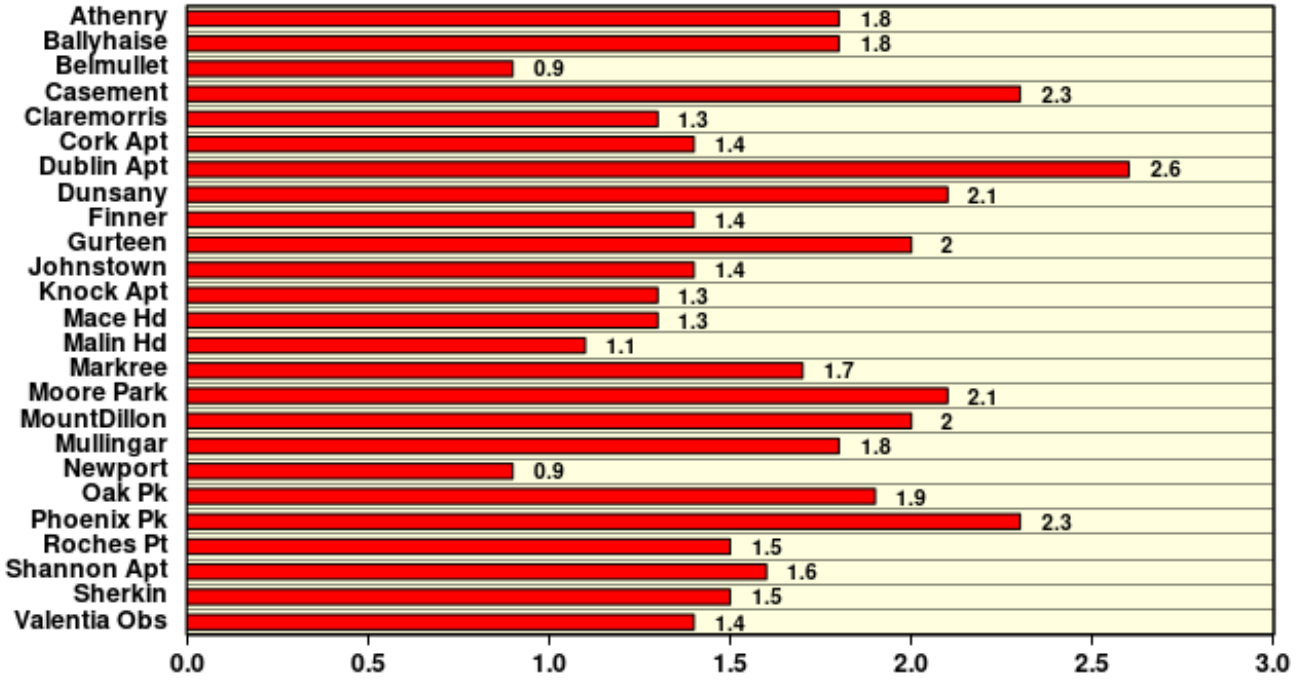
September 2026

Based on Data from 1- 30 September 2026 on whole month basis

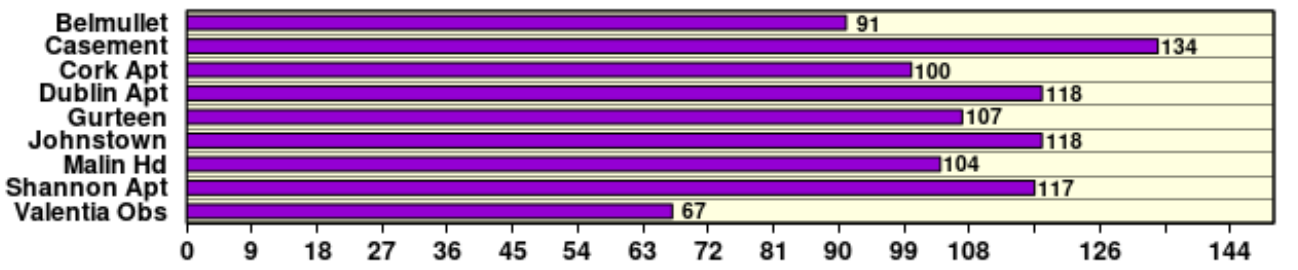
Rainfall *(% of average for period 1991-2020) on whole month basis*



Temperature (°C) *(difference from average for period 1991-2020)*



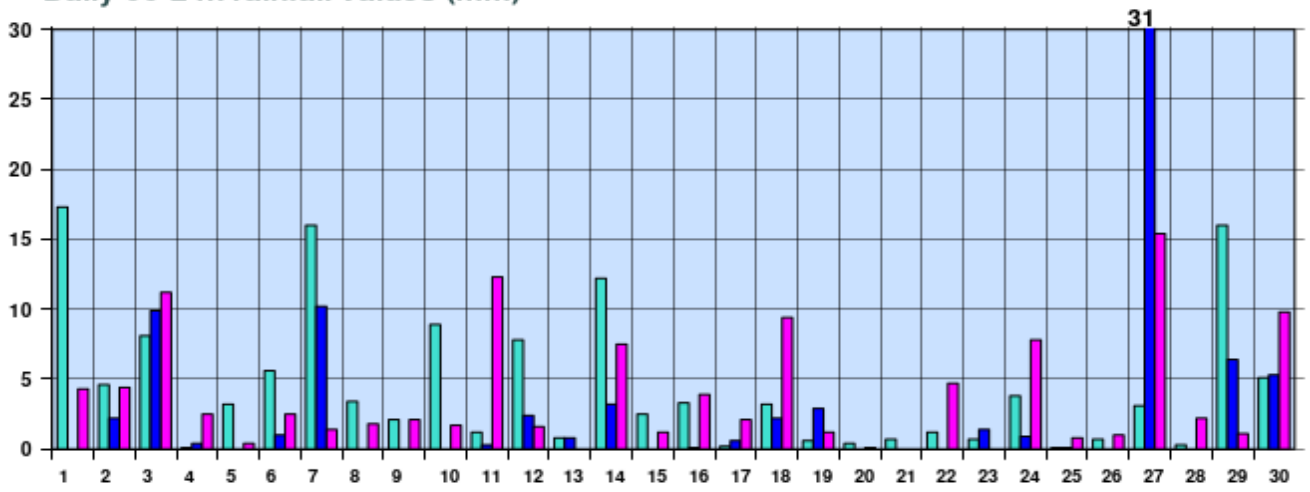
Sunshine *(Number of monthly sunshine hours)*



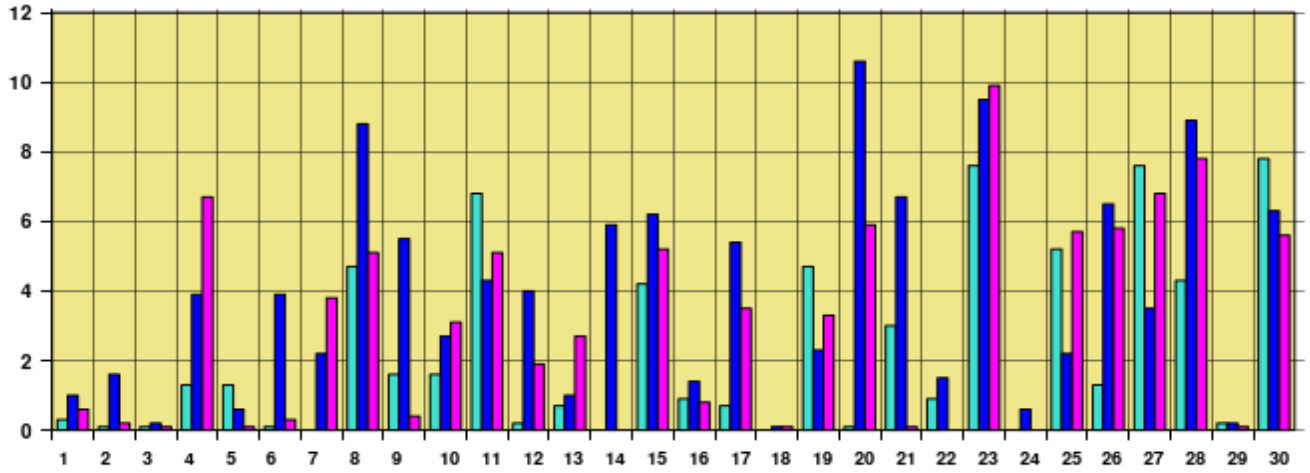
September 2026 Daily Values at Selected Synoptic Stations

Based on data from 1- 30 September 2026 on a pro rata basis

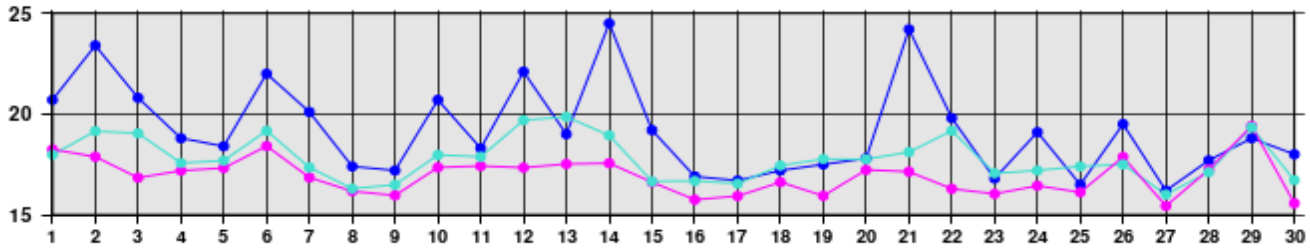
Daily 00-24h rainfall values (mm)



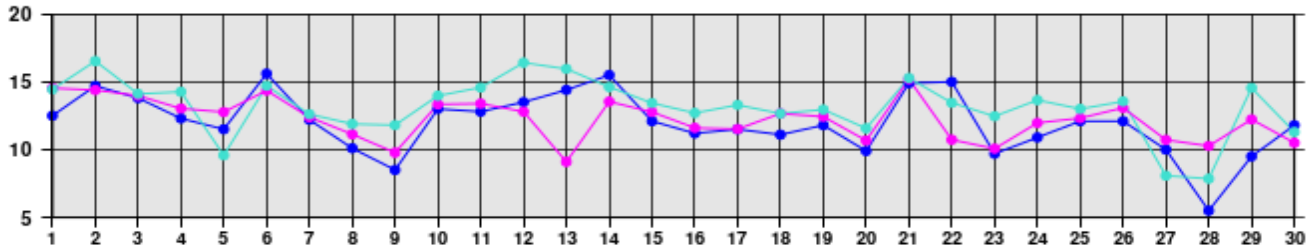
Daily sunshine values (hours)



Daily 00-24h maximum temperature (°C)



Daily 00-24h minimum temperature (°C)



- Valentia Observatory - Dublin Airport - Belmullet

Issued by Met Éireann on Friday 2nd October 2026. This report is based on available preliminary data from 25 principal weather stations operated by Met Éireann. Synoptic station data is daily, which is midnight to midnight UTC. Long-Term Averages (LTAs) and "average" refer to the period 1991-2020. [1] A rain day is a day with 0.2 mm or more of rainfall. [2] A wet day is a day with 1.0 mm or more of rainfall. [3] A dull day is a day with less than 0.5 hours of sunshine. [4] A very wet day is a day with 10.0 mm or more of rainfall. [5] An absolute drought is a period of 15 or more consecutive days to none of which is credited 0.2 mm or more of precipitation. [6] A partial drought is a period of at least 29 consecutive days, the mean daily rainfall of which does not exceed 0.2 mm. [7] A dry spell is a period of 15 or more consecutive days to none of which is credited 1.0 mm or more of precipitation (i.e. daily tot < 1.0 mm). [8] A heatwave occurs where there are 5 consecutive days or more with maximum temperature over 25°C (that is, a daily maximum screen air temperature > 25° C). [9] An icing day is when the daily maximum air temperature stays below 0 °C (measured from 09-09 UTC or 00-00 UTC) *Sunshine data is from the Autosol Network. LTAs for these sites are currently not used for comparison purposes. For more information, contact Met Éireann at 01-8064200 or e-mail: enq@met.ie