



# April 2025

## **Warm and sunny with record high April daily temperatures. Dry first half, wet second half**

The first two weeks of April 2025 were dominated by high pressure over or to the north of Ireland. This kept it mostly dry in a predominantly easterly airflow, with plenty of sunshine. It became gradually warmer, especially in the Midlands and West. The settled spell broke down on Sunday 13th as Atlantic weather fronts pushed across the country from the west, introducing a cooler westerly airflow with outbreaks of rain or showers. This marked the beginning of a cooler and wetter couple of weeks where Atlantic low pressure dominated and brought numerous spells of heavy rain, especially to the Midlands, South and East. The first day with heavy rain came on Wednesday 16th as a wraparound occluded front, associated with low pressure that moved north from the Bay of Biscay towards Wales, stalled over the eastern half of the country. More widespread heavy rain came on Friday 18th and Saturday 19th as low pressure, which stalled to the south, pushed active weather fronts north over the country, with the heaviest rain over parts of the South. This was followed by further bands of rain or showers, sometimes heavy, up to Saturday 26th, when high pressure to the east began to take control once again. The final four days of the month were dominated by high pressure to the east. This along with warm air advection from the south, which passed over sea surface temperatures that were much warmer than average for the time of year, led to record breaking maximum temperatures for April being reported on the final day of the month.

### **Rainfall: Dry first half, wet second half. Wettest in the Midlands, South and East**

The majority of monthly rainfall totals were above their 1991-2020 Long-Term Average (LTA). Percentage of monthly rainfall values ranged from 83% (the month's lowest rainfall total of 61.0 mm) at Sherkin Island, Co Cork to 172 % (the month's highest rainfall total of 110.4 mm) at Roches Point, Co Cork. The month's wettest day was also recorded at Roches Point, Co Cork with 44.5 mm on Friday 18th (*its 2nd highest daily rainfall total for April on record (length 20 years) behind 49.8 mm, which fell on Monday 15th April 2019*). The number of rain days<sup>0</sup> ranged from 10 days at Shannon Airport, Co Clare to 17 days at Sherkin Island, Co Cork. The number of wet days<sup>1</sup> ranged from 8 days at Shannon Airport, Co Clare to 13 days at both Valentia Observatory, Co Kerry and Belmullet, Co Mayo. The number of very wet days<sup>3</sup> ranged from 2 days at Moore Park, Co Cork to 5 days at both Johnstown Castle, Co Wexford and Mount Dillon, Co Roscommon. Shannon Airport, Co Clare and Mount Dillon, Co Roscommon had their wettest April since 2009, while Phoenix Park, Co Dublin and Dunsany, Co Meath had their wettest April since 2012. Knock Airport, Co Mayo, Mount Dillon and Gurteen, Co Tipperary all had their wettest April day on record on Friday 18th (*record lengths between 17 and 28 years*). Shannon Airport, Co Clare had its wettest April day since 1978, Mullingar, Co Westmeath had its wettest April day since 1991 and Newport, Co Mayo had its wettest April day since 1999, all on Friday 18th, while Casement, Co Dublin had its wettest April day since 2002 on Wednesday 16th. Six stations, mostly in the East, had dry spells<sup>6</sup> between March 28th and April 14th lasting between 15 and 18 days. One station, Casement Aerodrome, Co Dublin, had a partial drought<sup>5</sup> lasting 29 days ending on 12th April. Dunsany, Co Meath saw 14 consecutive dry days (0.0 mm) between Sunday 30 March and Saturday 12 April inclusive.

### **Temperature: Significantly above average, record high daily maximum temperatures reported at 17 stations**

All mean air temperatures across the country were above their LTA for the month. Deviations from mean air temperatures ranged from +1.4 °C (10.2 °C mean temperature) at Johnstown Castle, Co Wexford to +2.5 °C (10.2 °C mean temperature) at Knock Airport, Co Mayo. Mean temperatures for the month ranged from 9.6 °C at Dublin Airport, Co Dublin (1.5 °C above its LTA) to 11.9 °C at Shannon Airport, Co Clare (2.3 °C above its LTA) (*its 2nd warmest April on record behind 2011, which had a mean monthly temperature of 12.0 °C (record length 79 years)*). The month's highest temperature was reported at Athenry, Co Galway on Wednesday 30th with a temperature of 25.9 °C (*the highest April daily maximum temperature on record for Ireland*). The month's lowest air minimum was recorded on Thursday 17th at Markree, Co Sligo with -2.4 °C while the lowest grass minimum was -7.3 °C reported at both Mount Dillon, Co Roscommon and Claremorris, Co Mayo on Thursday 17th. More than half of stations reported ground frost. The number of days with ground frost ranged from zero days at Belmullet, Co Mayo to 18 days at both Phoenix Park, Co Dublin and Markree, Co Sligo. Less than half of stations reported air frost. The number of days with air frost ranged from zero days at a few stations to 6 days at Mount Dillon, Co Roscommon. Valentia Observatory, Co Kerry (11.6 °C), Belmullet, Co Mayo (11.3 °C) and Knock Airport, Co Mayo (10.2 °C) all had their joint warmest April on record, tying with 2011 (*record lengths between 28 and 85 years*), while Mace Head, Co Galway (11.4 °C) had its warmest April on record (*length 19 years*). All other stations had their warmest April since 2011. Along with Athenry, Co Galway, sixteen other stations reported their highest daily maximum temperature for April on record, all on Wednesday 30th (*record lengths between 14 and 85 years*).

### **Sunshine: Above average everywhere, sunniest in the North**

All available sunshine totals were above their LTA for the month. Percentage of monthly sunshine values ranged from 127% (monthly sunshine total of 204.0 hours) at Cork Airport to 131% (monthly sunshine total of 212.6 hours) at Shannon Airport, Co Clare. Monthly sunshine totals ranged from 199.8 hours (no LTA comparison\*) at Johnstown Castle, Co Wexford to 237.9 hours (no LTA comparison\*) at Malin Head, Co Donegal (*its highest monthly sunshine total for April (length 68 years)*). The highest number of daily sunshine hours recorded this month was 14.2 hours at Dublin Airport on the 30th (*its highest daily sunshine for April on record (length 83 years)*). The number of dull days<sup>2</sup> ranged from 3 days at Belmullet, Co Mayo to 6 days at Johnstown Castle, Co Wexford.

### **Wind: Not significantly strong**

Monthly mean wind speeds ranged from 5.5 knots (10.2 km/h) at Ballyhaise, Co Cavan to 12.7 knots (23.5 km/h) at Malin Head, Co Donegal. There were no days with gales, strong gales or storms reported this month. Both the month's highest gust and 10-minute mean wind speeds were reported on Friday 18th. The highest gust was 43 knots (80 km/h) reported at Newport, Co Mayo while the month's highest 10-minute mean wind speed was 33 knots (61 km/h) at Malin Head, Co Donegal.

## **EXTREME VALUES AT SYNOPTIC STATIONS**

### **Rainfall**

Highest monthly total: 110.4 mm at Roches Point, Co Cork (172% of its LTA)  
Lowest monthly total: 61.0 mm at Sherkin Island, Co Cork (83% of its LTA)  
Highest daily rainfall: 44.5 mm at Roches Point, Co Cork (69% of its monthly LTA) on Fri 18th

### **Temperature**

Highest mean monthly temperature: 11.9°C at Shannon Airport, Co Clare (2.3°C above its LTA) (*its 2nd warmest April on record behind 2011, which had a mean monthly temperature of 12.0 °C (record length 79 years)*)  
Lowest mean monthly temperature: 9.6°C at Dublin Airport, Co Dublin (1.5°C above its LTA) (*its warmest April since 2011*)  
Highest air temperature: 25.9°C at Athenry, Co Galway (13.0°C above its LTA) on Wed 30th (*the highest April daily maximum temperature on record for Ireland*)  
Lowest air temperature: -2.4°C at Markree, Co Sligo (6.0°C below its LTA) on Thu 17th  
Lowest grass minimum: -7.3°C at both Claremorris, Co Mayo and Mount Dillon, Co Roscommon both on Thu 17th

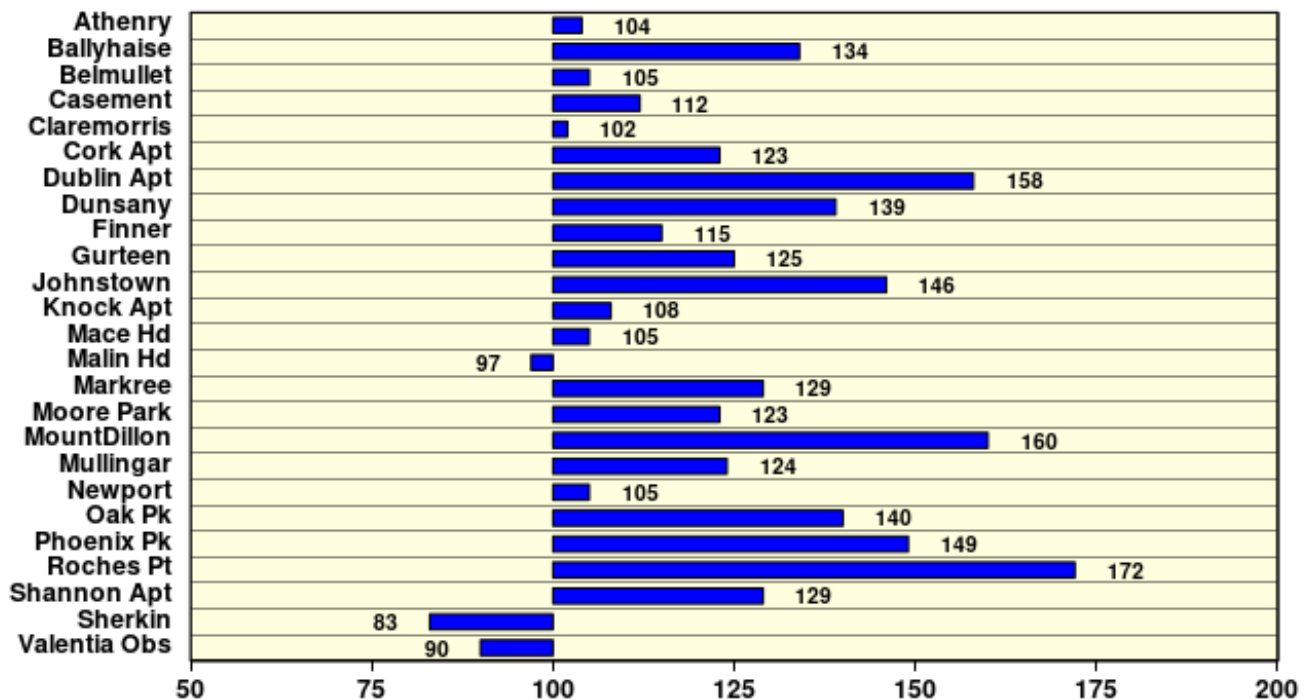
### **Sunshine**

Highest monthly total: 237.9 hrs (daily mean 7.93 hrs/day) at Malin Head, Co Donegal (*its highest monthly sunshine total for April (length 68 years)*)  
Lowest monthly total: 199.8 hrs (daily mean 3.74 hrs/day) at Johnstown Castle, Co Wexford  
Highest daily sunshine: 14.2 hours at Dublin Airport, Co Dublin on Wed 30th (*its highest daily sunshine for April on record (length 83 years)*)

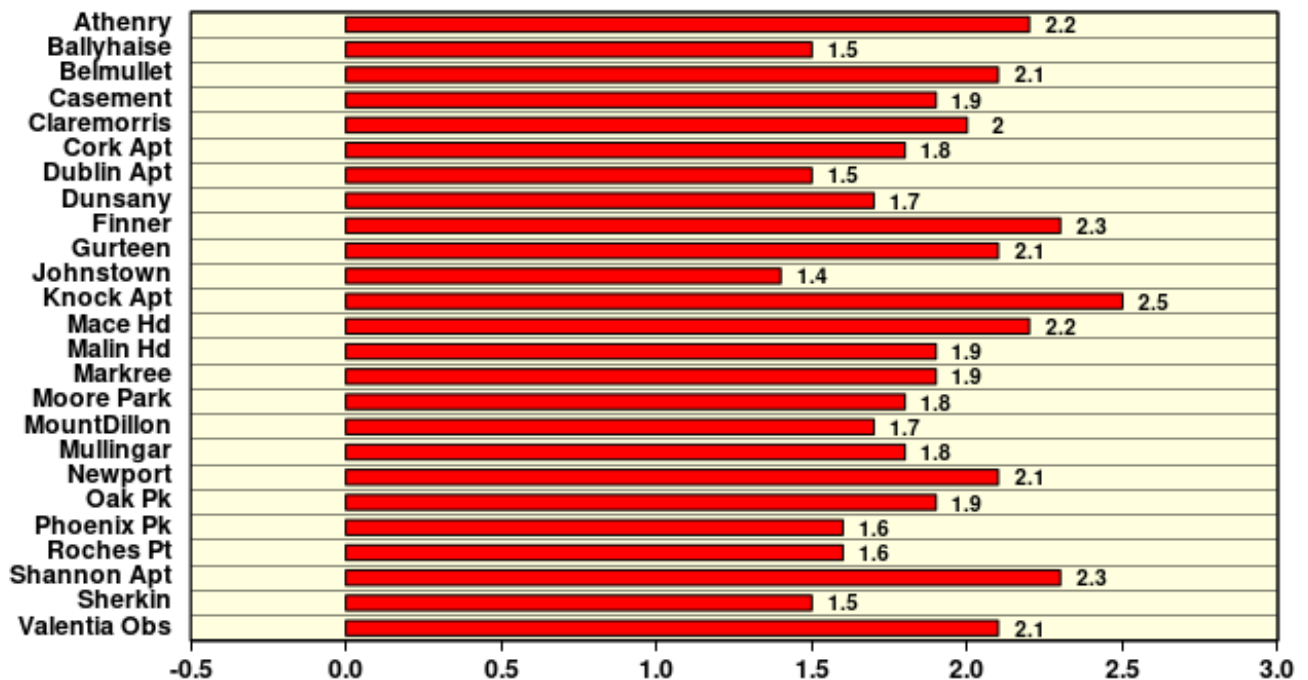
## April 2025

Based on Data from 1- 30 April 2025 on whole month basis

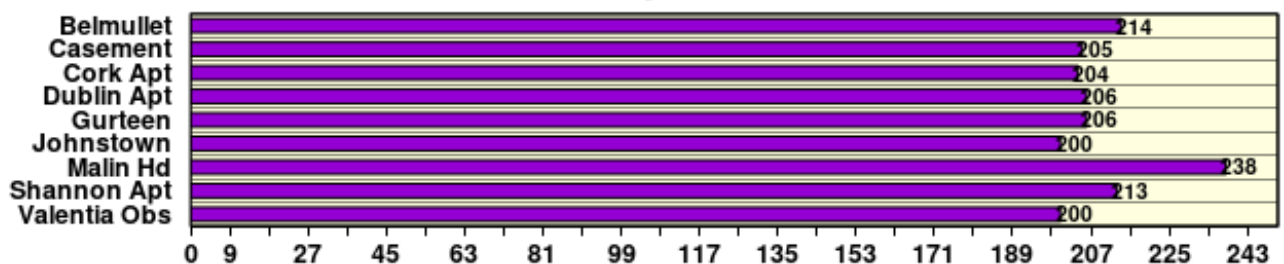
### Rainfall (% of average for period 1991-2020) on whole month basis



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



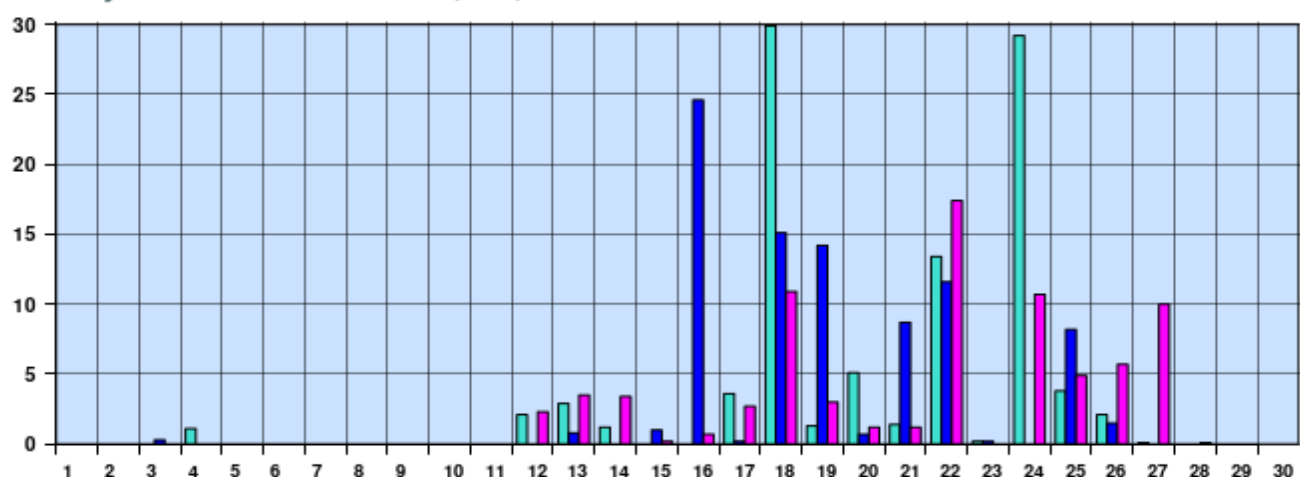
### Sunshine (Number of monthly sunshine hours)



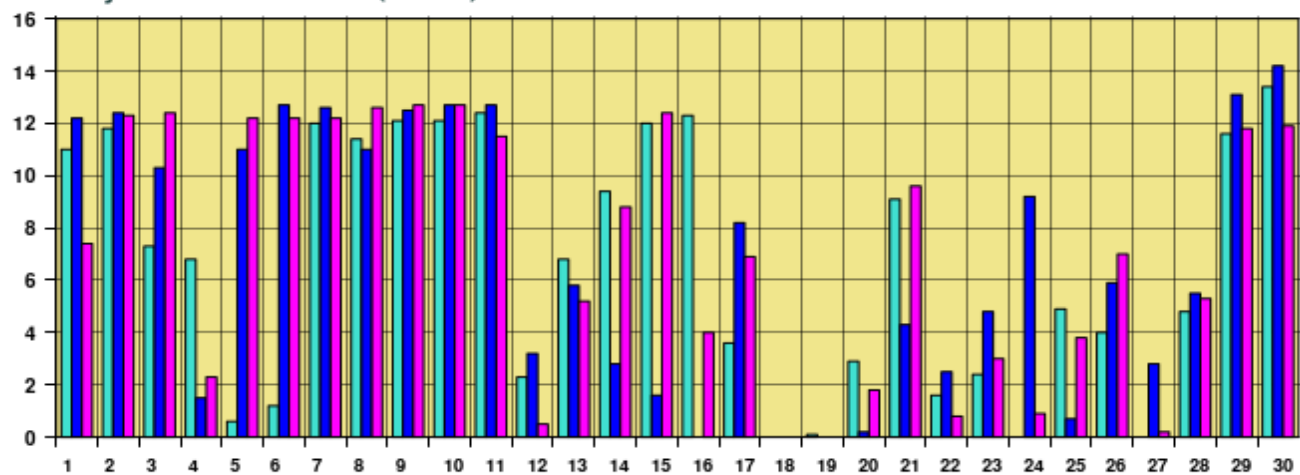
# April 2025 Daily Values at Selected Synoptic Stations

Based on data from 1-30 April 2025 on a pro rata basis

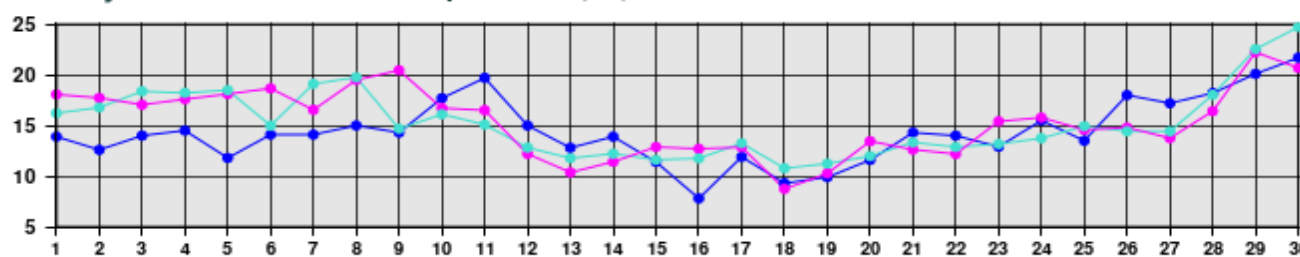
## Daily 00-24h rainfall values (mm)



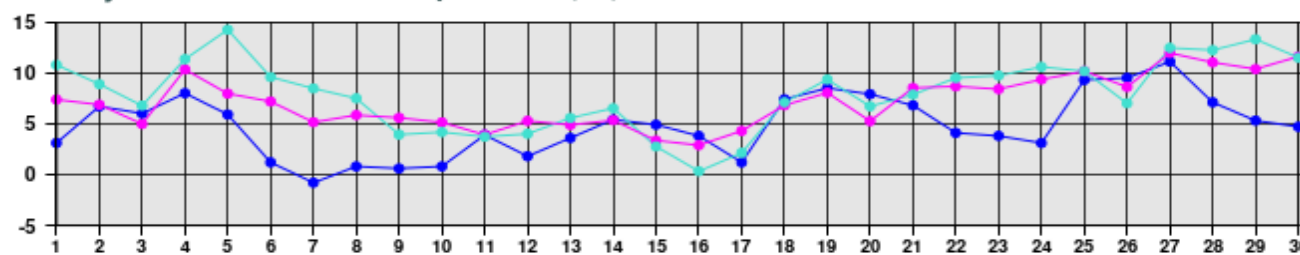
## Daily sunshine values (hours)



## Daily 00-24h maximum temperature (°C)



## Daily 00-24h minimum temperature (°C)



- Valentia Observatory - Dublin Airport - Belmullet

Issued by Met Éireann on Friday 2nd May 2025. 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. <sup>1</sup> A rain day is a day with 0.2 mm or more of rainfall. <sup>2</sup> A wet day is a day with 1.0 mm or more of rainfall. <sup>3</sup> A dull day is a day with less than 0.5 hours of sunshine. <sup>4</sup> A very wet day is a day with 10.0 mm or more of rainfall. <sup>5</sup> 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. <sup>6</sup> A partial drought is a period of at least 29 consecutive days, the mean daily rainfall of which does not exceed 0.2 mm. <sup>7</sup> 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). <sup>8</sup> 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). <sup>9</sup> 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](mailto:enq@met.ie)