|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | |
| Air Quality Bulletin – PM10 | | | | | | | | | |
| December 2021 | | | | | | | | | |
|  | |  | |  | |  | |  |  |
| **The daily limit for PM10 is 50 ug/m3. The limit is deemed breached if more than 35 exceedances occur during the year. The table below shows the number of exceedances at stations in Ireland based on available data to 31st December 2021. This data is provisional and subject to future revision following any further data validation.** | | | | | | | | | |
| **Further details are available at** [**http://www.epa.ie/air/quality/monitor/**](http://www.epa.ie/air/quality/monitor/%20) **or email** [**airquality@epa.ie**](mailto:airquality@epa.ie) | | | | | | | | | |
|  |  | |  | |  | |  | |  |
| **Station Name** | **Number of values greater than 50 ug/m3**  **(year to date)** | | **Station Location** | | **Station Type** | | **Data available to** | | **Station Operator** |
| Askeaton | 0 | | Co. Limerick | | Rural Background | | 31st December | | EPA |
| Athlone Civic Centre | 2 | | Co. Westmeath | | Suburban Background | | 31st December | | EPA |
| Ballyfermot | 0 | | Dublin 10 | | Suburban Background | | 31st December | | Dublin City Council |
| Birr | 2 | | Co. Offaly | | Suburban Traffic | | 31st December | | EPA |
| Blanchardstown | 1 | | Dublin 15 | | Suburban Traffic | | 31st December | | Fingal County Council |
| Carlow | 0 | | Carlow Town | | Suburban Background | | 31st December | | EPA |
| Carrick-on- Shannon | 0 | | Co. Leitrim | | Suburban Traffic | | 31st December | | EPA |
| Castlebar | 1 | | Co. Mayo | | Suburban Background | | 31st December | | EPA |
| Cavan | 0 | | Co Cavan | | Suburban Background | | 31st December | | EPA |
| Claremorris | 1 | | Co. Mayo | | Rural Background | | 31st December | | EPA |
| Clonmel | 0 | | Co. Tipperary | | Urban Background | | 31st December | | EPA |
| Clonskeagh | 0 | | Dublin 14 | | Suburban Background | | 31st December | | EPA |
| Cobh | 1 | | Co. Cork | | Suburban Background | | 31st December | | EPA |
| Cork Heatherton Park | 1 | | Cork City | | Suburban Background | | 31st December | | Cork City Council |
| Cork South Link Road | 3 | | Cork City | | Suburban Traffic | | 31st December | | Cork City Council |
| Davitt Road | 2 | | Dublin 12 | | Suburban Traffic | | 31st December | | Dublin City Council |
| Drogheda | 0 | | Co. Louth | | Suburban Background | | 31st December | | EPA |
| Dublin Airport Authority | 0 | | Co. Dublin | | Suburban Background | | 31st December | | DAA/EPA |
| Dublin Port | 9 | | Dublin 1 | | Suburban Traffic | | 31st December | | EPA/DPA |
| Dún Laoghaire | 0 | | Co. Dublin | | Suburban Background | | 31st December | | Dún Laoghaire Rathdown County Council |
| Dundalk | 0 | | Co. Louth | | Suburban Background | | 31st December | | EPA |
| Edenderry | 0 | | Co. Offaly | | Suburban Background | | 31st December | | EPA |
| Ennis | 17 | | Co. Clare | | Suburban Background | | 31st December | | EPA |
| Enniscorthy | 1 | | Enniscorthy Town | | Suburban Background | | 31st December | | Wexford County Council |
| Finglas | 0 | | Dublin 11 | | Suburban Background | | 31st December | | Dublin City Council |
| Greystones | 0 | | Co. Wicklow | | Suburban Background | | 31st December | | EPA |
| Kilkenny Seville Lodge | 2 | | Kilkenny City | | Suburban Background | | 31st December | | EPA |
| Kilkitt | 0 | | Co. Monaghan | | Rural Background | | 21st November | | EPA |
| Letterkenny | 9 | | Co. Donegal | | Urban Background | | 31st December | | EPA |
| Limerick\_Henry St. | 0 | | Co. Limerick | | Urban Traffic | | 31st December | | EPA |
| Limerick\_Peoples Park | 2 | | Co. Limerick | | Urban Background | | 31st December | | EPA |
| Longford | 1 | | Co. Longford | | Suburban Traffic | | 31st December | | EPA |
| Macroom | 2 | | Co. Cork | | Suburban Background | | 31st December | | EPA |
| Mallow | 2 | | Co. Cork | | Suburban Background | | 31st December | | EPA |
| Marino | 0 | | Dublin 3 | | Suburban Background | | 31st December | | Dublin City Council |
| MTU Bishopstown | 1 | | Cork City | | Suburban Background | | 31st December | | MTU |
| Naas | 0 | | Co. Kildare | | Suburban Background | | 31st December | | EPA |
| Navan | 1 | | Co. Meath | | Suburban Traffic | | 31st December | | EPA |
| Phoenix Park | 0 | | Dublin 8 | | Suburban Background | | 31st December | | Dublin City Council |
| Portlaoise | 1 | | Co. Laois | | Suburban Background | | 31st December | | EPA |
| Rahoon Road | 1 | | Galway City | | Suburban Background | | 29th December | | Public Analyst's Laboratory |
| Rathmines | 0 | | Dublin 6 | | Urban Background | | 31st December | | EPA |
| Ringsend | 6 | | Dublin 4 | | Urban Traffic | | 31st December | | EPA |
| Roscommon | 0 | | Roscommon City | | Suburban Background | | 31st December | | EPA |
| Sligo | 15 | | Co. Sligo | | Urban Traffic | | 31st December | | EPA |
| St. Anne’s | 0 | | Dublin 5 | | Suburban Background | | 31st December | | EPA |
| St. John’s Road West | 0 | | Dublin 8 | | Urban Traffic | | 31st December | | Dublin City Council |
| Tallaght | 0 | | Dublin 24 | | Suburban Traffic | | 31st December | | EPA |
| Tipperary | 3 | | Tipperary Town | | Suburban Background | | 31st December | | EPA |
| Tralee | 10 | | Co. Kerry | | Suburban Background | | 31st December | | EPA |
| Waterford Browne’s Road | 2 | | Waterford City | | Suburban Background | | 31st December | | EPA |
| Wexford | 2 | | Co. Wexford | | Background Traffic | | 31st December | | EPA |
| Winetavern Street | 0 | | Dublin 8 | | Urban Background | | 6th December | | Dublin City Council |
| **Comments:** |  | | | | | | | | |

**PM10 Exceedance Dates:**

Athlone

08/01/2021

02/03/2021

Birr

03/03/2021

22/11/2021

Blanchardstown

06/03/2021

Castlebar

03/03/2021

Claremorris

12/5/2021

Cobh

09/01/2021

Cork Heatherton Park

10/01/2021

Cork- South Link

03/03/2021

04/03/2021

25/07/2021

Davitt Road

01/03/2021

03/03/2021

Dublin Port

22/02/2021

25/02/2021

26/02/2021

01/03/2021

02/03/2021

03/03/2021

05/03/2021

06/03/2021

07/03/2021

Ennis

02/01/2021

06/01/2021

07/01/2021

08/01/2021

09/01/2021

14/01/2021

21/01/2021

22/01/2021

24/01/2021

25/01/2021

02/03/2021

03/03/2021

10/11/2021

22/11/2021

23/11/2021

27/11/2021

13/12/2021

Enniscorthy

25/01/2021

Kilkenny

02/03/2021

03/03/2021

Letterkenny

03/01/2021

04/01/2021

05/01/2021

23/01/2021

28/02/2021

15/10/2021

07/11/2021

05/12/2021

27/12/2021

Limerick P. Park

06/01/2021

09/01/2021

Longford

22/11/2021

Macroom

25/01/2021

02/03/2021

Mallow

17/11/2021

31/12/2021

MTU Bishopstown

20/12/2021

Navan

03/03/2021

Portlaoise

03/03/2021

Ringsend

01/03/2021

02/03/2021

03/03/2021

31/05/2021

17/12/2021

20/12/2021

Sligo

05/01/2021

06/01/2021

08/01/2021

24/01/2021

02/03/2021

03/03/2021

14/08/2020

03/09/2021

04/09/2021

18/09/2021

25/09/2021

29/09/2021

11/11/2021

28/11/2021

11/12/2021

Tipperary

09/01/2021

02/03/2021

16/12/2021

Rahoon Road

03/03/2021

Tralee

02/01/2021

03/01/2021

06/01/2021

08/01/2021

09/01/2021

14/01/2021

22/01/2021

02/03/2021

04/03/2021

22/11/2021

Waterford

25/01/2021

10/08/2021

Wexford

09/01/2021

23/01/2021

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | |
|  | | | | | | | | | |
| Air Quality Bulletin – Ozone | | | | | | | | | |
| December 2021 | | | | | | | | | |
|  | |  | |  | |  | |  |  |
| **The health information daily threshold for Ozone is 180 ug/m3. Any exceedances of this threshold must be notified to the public. The table below shows the number of exceedances at stations in Ireland based on available data to 31st December 2021. This data is provisional and subject to future revision following any further data validation.** | | | | | | | | | |
| **Further details are available at** [**www.epa.ie/air/quality/**](http://www.epa.ie/air/quality/) **or email** [**airquality@epa.ie**](mailto:airquality@epa.ie) | | | | | | | | | |
|  |  | |  | |  | |  | |  |
| **Station Name** | **Number of values greater than 180 ug/m3 (year to date)** | | **Station Location** | | **Station Type** | | **Data available to** | | **Station Operator** |
| Bray | 0 | | Co. Wicklow | | Suburban Background | | 31st December | | EPA |
| Carnsore Point | 0 | | Wexford | | Rural Background | | 31st December | | EMEP |
| Castlebar | 0 | | Co. Mayo | | Suburban Background | | 31st December | | EPA |
| Clonskeagh | 0 | | Dublin 14 | | Suburban Background | | 31st December | | EPA |
| Cork South Link Road | 0 | | Cork City | | Suburban Traffic | | 31st December | | Cork City Council |
| Dublin Airport Authority | 0 | | Co. Dublin | | Suburban Background | | 31st December | | DAA/EPA |
| Emo Court | 0 | | Co. Laois | | Rural Background | | 31st December | | EPA |
| Kilkenny Seville Lodge | 0 | | Kilkenny City | | Suburban Background | | 31st December | | EPA |
| Kilkitt | 0 | | Co. Monaghan | | Rural Background | | 31st December | | EPA |
| Limerick People’s Park | 0 | | Co. Limerick | | Urban Background | | 31st December | | EPA |
| Mace Head | 0 | | Co. Galway | | Rural Background | | 31st December | | NUI Galway |
| Malin Head | 0 | | Co. Donegal | | Rural Background | | 31st December | | EMEP |
| Mallow | 0 | | Co. Cork | | Suburban Background | | 31st December | | EPA |
| MTU  Bishopstown | 0 | | Cork City | | Suburban Background | | 31st December | | MTU |
| Pearse Street | 0 | | Dublin 2 | | Urban Traffic | | 31st December | | EPA |
| Rathmines | 0 | | Dublin 6 | | Urban Background | | 31st December | | EPA |
| Swords | 0 | | Co. Dublin | | Suburban Background | | 31st December | | EPA |
| UCC Distillery Field | 0 | | Cork City | | Suburban Background | | 31st December | | UCC |
| Valentia | 0 | | Co. Kerry | | Rural Background | | 31st December | | Met Éireann |
| Waterford | 0 | | Co Waterford | | Suburban background | | 31st December | | EPA |
| **Comments:** |  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | |
| Air Quality Bulletin – Nitrogen Dioxide | | | | | | | | | |
| December 2021 | | | | | | | | | |
|  | |  | |  | |  | |  |  |
| **The hourly limit for NO2 is 200 ug/m3. The limit is deemed breached if more than 18 exceedances occur during the year. The table below shows the number of exceedances at stations in Ireland based on available data to 31st December 2021. This data is provisional and subject to future revision following any further data validation.** | | | | | | | | | |
| **Further details are available at** [**http://www.epa.ie/air/quality/**](http://www.epa.ie/air/quality/monitor) **or email** [**airquality@epa.ie**](mailto:airquality@epa.ie) | | | | | | | | | |
|  |  | |  | |  | |  | |  |
| **Station Name** | **Number of values greater than 200 ug/m3 (year to date)** | | **Station Location** | | **Station Type** | | **Data available to** | | **Station Operator** |
| Ballyfermot | 0 | | Dublin 7 | | Urban Traffic | | 31st December | | Dublin City Council |
| Birr | 0 | | Co. Offaly | | Suburban Traffic | | 31st December | | EPA |
| Blanchardstown | 0 | | Dublin 15 | | Suburban Traffic | | 31st December | | Fingal County Council |
| Carrick-On-Shannon | 0 | | Co. Leitrim | | Suburban Traffic | | 31st December | | EPA |
| Castlebar | 0 | | Co. Mayo | | Suburban Background | | 31st December | | EPA |
| Cork South Link Road | 0 | | Cork City | | Suburban Traffic | | 31st December | | Cork City Council |
| Davitt Road | 0 | | Dublin 12 | | Suburban Traffic | | 31st December | | Dublin City Council |
| Dublin Airport Authority | 0 | | Co Dublin | | Suburban Background | | 31st December | | DAA/EPA |
| Dublin Port | 0 | | Dublin 1 | | Suburban Traffic | | 31st December | | EPA/DPA |
| Dún Laoghaire | 0 | | Co. Dublin | | Suburban Background | | 31st December | | Dún Laoghaire Rathdown County Council |
| Dundalk | 0 | | Co. Louth | | Suburban background | | 31st December | | EPA |
| Edenderry | 0 | | Co. Offaly | | Suburban Background | | 31st December | | EPA |
| Emo Court | 0 | | Co. Laois | | Rural Background | | 31st December | | EPA |
| Kilkenny Seville Lodge | 0 | | Kilkenny City | | Suburban Background | | 31st December | | EPA |
| Kilkitt | 0 | | Co. Monaghan | | Rural Background | | 31st December | | EPA |
| Peoples’s Park Limerick | 0 | | Co. Limerick | | Urban Background | | 31st December | | EPA |
| Mallow | 0 | | Co. Cork | | Suburban Background | | 31st December | | EPA |
| Navan | 0 | | Co. Meath | | Suburban Traffic | | 31st December | | EPA |
| Pearse Street | 0 | | Dublin 2 | | Urban Traffic | | 31st December | | EPA |
| Portlaoise | 0 | | Co. Laois | | Suburban Background | | 31st December | | EPA |
| Rathmines | 0 | | Dublin 6 | | Urban Background | | 31st December | | EPA |
| Ringsend | 0 | | Dublin 4 | | Urban Traffic | | 31st December | | EPA |
| Sligo | 0 | | Co. Sligo | | Urban Traffic | | 31st December | | EPA |
| St. John's Road | 0 | | Dublin 8 | | Urban Traffic | | 31st December | | Dublin City Council |
| Swords | 0 | | Co. Dublin | | Suburban Background | | 31st December | | EPA |
| Tallaght | 0 | | Dublin 24 | | Suburban Traffic | | 31st December | | EPA |
| UCC Distillery Field | 0 | | Cork City | | Suburban Background | | 31st December | | UCC |
| Waterford | 0 | | Co. Waterford | | Suburban Background | | 31st December | | EPA |
| Winetavern Street | 0 | | Dublin 8 | | Urban Background | | 31st December | | Dublin City Council |
| **Comments:** |  | | | | | | | | |