

**GOBIERNO DE LA CIUDAD DE BUENOS AIRES**  
**MINISTERIO DE AMBIENTE Y ESPACIO PÚBLICO**  
**AGENCIA DE PROTECCIÓN AMBIENTAL**  
**DIRECCIÓN GENERAL DE CONTROL AMBIENTAL**  
**Gerencia Operativa de Determinaciones Ambientales y Laboratorio**  
**Subgerencia Operativa Monitoreo Atmosférico**

**Monitoreo Atmosférico Automático - Red de Estaciones EPA (\*)**  
**ÓXIDOS DE NITRÓGENO( PPB)**  
**ESTACIÓN LA BOCA**  
**AGOSTO 2021**

| AGOSTO 2021 | Promedio 24 Hs |                       |                       | PROMEDIO 8 HS |                       |                       |          |                       |                       |          |                       |                       | Promedio 1 Hora |                       |                       |          |                       |                       |
|-------------|----------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|----------|-----------------------|-----------------------|----------|-----------------------|-----------------------|-----------------|-----------------------|-----------------------|----------|-----------------------|-----------------------|
|             | NO (PPB)       | NO <sub>2</sub> (PPB) | NO <sub>x</sub> (PPB) | 0 a 8         |                       |                       | 8 a 16   |                       |                       | 16 a 24  |                       |                       | Max             |                       |                       | Min      |                       |                       |
|             |                |                       |                       | NO (PPB)      | NO <sub>2</sub> (PPB) | NO <sub>x</sub> (PPB) | NO (PPB) | NO <sub>2</sub> (PPB) | NO <sub>x</sub> (PPB) | NO (PPB) | NO <sub>2</sub> (PPB) | NO <sub>x</sub> (PPB) | NO (PPB)        | NO <sub>2</sub> (PPB) | NO <sub>x</sub> (PPB) | NO (PPB) | NO <sub>2</sub> (PPB) | NO <sub>x</sub> (PPB) |
| 1           | 35             | 15                    | 49                    | 48            | 12                    | 60                    | 46       | 18                    | 64                    | 11       | 13                    | 24                    | 112             | 28                    | 123                   | 7        | 7                     | 14                    |
| 2           | 17             | 12                    | 29                    | 4             | 6                     | 10                    | 26       | 14                    | 39                    | 20       | 17                    | 36                    | 34              | 19                    | 49                    | 1        | 3                     | 4                     |
| 3           | 26             | 14                    | 40                    | 12            | 12                    | 24                    | 38       | 15                    | 52                    | 28       | 14                    | 42                    | 57              | 17                    | 73                    | 3        | 8                     | 11                    |
| 4           | 38             | 11                    | 49                    | 30            | 11                    | 42                    | 59       | 13                    | 72                    | 24       | 9                     | 32                    | 108             | 16                    | 122                   | 15       | 6                     | 25                    |
| 5           | 23             | 8                     | 30                    | 10            | 5                     | 15                    | 25       | 8                     | 33                    | 33       | 9                     | 42                    | 67              | 10                    | 78                    | 5        | 3                     | 8                     |
| 6           | 29             | 10                    | 39                    | 19            | 8                     | 27                    | 39       | 10                    | 50                    | 28       | 11                    | 39                    | 63              | 15                    | 74                    | 8        | 6                     | 14                    |
| 7           | 21             | 14                    | 35                    | 13            | 8                     | 21                    | 30       | 12                    | 43                    | 20       | 21                    | 41                    | 42              | 26                    | 62                    | 8        | 6                     | 14                    |
| 8           | 8              | 8                     | 16                    | 18            | 13                    | 32                    | 3        | 5                     | 8                     | 3        | 5                     | 8                     | 62              | 19                    | 81                    | 1        | 4                     | 6                     |
| 9           | 3              | 6                     | 9                     | 2             | 4                     | 6                     | 5        | 6                     | 11                    | 3        | 8                     | 11                    | 6               | 9                     | 14                    | 1        | 1                     | 2                     |
| 10          | 11             | 9                     | 20                    | 2             | 7                     | 9                     | 11       | 8                     | 19                    | 20       | 11                    | 31                    | 80              | 18                    | 97                    | 1        | 3                     | 4                     |
| 11          | 24             | 14                    | 38                    | 37            | 17                    | 54                    | 29       | 14                    | 43                    | 7        | 10                    | 17                    | 72              | 18                    | 90                    | 4        | 8                     | 12                    |
| 12          | 14             | 11                    | 25                    | 4             | 10                    | 14                    | 21       | 12                    | 33                    | 18       | 12                    | 29                    | 30              | 16                    | 44                    | 1        | 6                     | 7                     |
| 13          | 22             | 10                    | 32                    | 10            | 8                     | 18                    | 35       | 12                    | 46                    | 21       | 12                    | 33                    | 66              | 14                    | 80                    | 3        | 4                     | 8                     |
| 14          | 28             | 11                    | 39                    | 25            | 11                    | 36                    | 49       | 11                    | 60                    | 12       | 11                    | 22                    | 162             | 15                    | 173                   | 4        | 7                     | 13                    |
| 15          | 25             | 11                    | 36                    | 42            | 12                    | 54                    | 22       | 12                    | 34                    | 10       | 11                    | 20                    | 61              | 18                    | 72                    | 6        | 7                     | 16                    |
| 16          | 10             | 6                     | 16                    | 5             | 4                     | 9                     | 14       | 6                     | 20                    | 12       | 9                     | 21                    | 17              | 11                    | 27                    | 2        | 2                     | 4                     |
| 17          | 35             | 10                    | 45                    | 22            | 9                     | 31                    | 48       | 10                    | 59                    | 36       | 11                    | 47                    | 81              | 15                    | 91                    | 10       | 8                     | 18                    |
| 18          | 30             | 9                     | 39                    | 10            | 7                     | 17                    | 33       | 9                     | 42                    | 47       | 11                    | 57                    | 76              | 13                    | 89                    | 4        | 4                     | 8                     |
| 19          | 11             | 9                     | 20                    | 10            | 9                     | 19                    | 6        | 7                     | 13                    | 17       | 11                    | 28                    | 31              | 16                    | 47                    | 3        | 3                     | 6                     |
| 20          | 15             | 13                    | 27                    | 15            | 14                    | 29                    | 13       | 11                    | 24                    | 16       | 12                    | 28                    | 42              | 18                    | 60                    | 1        | 5                     | 8                     |
| 21          | 23             | 12                    | 35                    | 27            | 15                    | 42                    | 23       | 11                    | 34                    | 19       | 10                    | 29                    | 91              | 16                    | 107                   | 5        | 6                     | 14                    |
| 22          | 5              | 7                     | 12                    | 3             | 6                     | 9                     | 6        | 7                     | 13                    | 5        | 8                     | 13                    | 12              | 13                    | 22                    | 1        | 4                     | 5                     |
| 23          | 11             | 12                    | 24                    | 8             | 11                    | 20                    | 17       | 13                    | 30                    | 10       | 13                    | 22                    | 26              | 16                    | 41                    | 2        | 8                     | 13                    |
| 24          | 16             | 13                    | 29                    | 9             | 13                    | 22                    | 26       | 11                    | 37                    | 14       | 14                    | 28                    | 40              | 16                    | 53                    | 1        | 8                     | 12                    |
| 25          | 19             | 13                    | 32                    | 9             | 14                    | 22                    | 26       | 12                    | 38                    | 23       | 13                    | 36                    | 57              | 18                    | 72                    | 3        | 9                     | 15                    |
| 26          | 29             | 16                    | 46                    | 22            | 13                    | 35                    | 47       | 19                    | 66                    | 19       | 18                    | 37                    | 107             | 22                    | 129                   | 3        | 9                     | 12                    |
| 27          | 13             | 12                    | 24                    | 4             | 11                    | 15                    | 15       | 11                    | 26                    | 18       | 13                    | 32                    | 23              | 17                    | 38                    | 1        | 7                     | 9                     |
| 28          | 15             | 10                    | 25                    | 10            | 8                     | 17                    | 16       | 9                     | 26                    | 20       | 12                    | 32                    | 30              | 14                    | 43                    | 5        | 5                     | 11                    |
| 29          | 21             | 12                    | 33                    | 23            | 12                    | 35                    | 25       | 10                    | 35                    | 14       | 14                    | 28                    | 71              | 16                    | 81                    | 2        | 8                     | 12                    |
| 30          | 22             | 10                    | 32                    | 10            | 9                     | 19                    | 31       | 10                    | 41                    | 24       | 13                    | 37                    | 35              | 14                    | 49                    | 3        | 7                     | 11                    |
| 31          | 18             | 12                    | 31                    | 11            | 10                    | 21                    | 26       | 11                    | 37                    | 18       | 16                    | 34                    | 40              | 18                    | 53                    | 4        | 8                     | 12                    |

**PARÁMETROS ESTADÍSTICOS**

| AGOSTO 2021       | Promedios de 24 hs |                       |                       | Promedios de 8 hs |                       |                       |               |                       |                       |               |                       |                       | Promedios de 1 hora |                       |                       |     |     |     |
|-------------------|--------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------------|-----------------------|-----------------------|-----|-----|-----|
|                   | NO (PPB)           | NO <sub>2</sub> (PPB) | NO <sub>x</sub> (PPB) | 00:00 a 08:00     |                       |                       | 08:00 a 16:00 |                       |                       | 16:00 a 24:00 |                       |                       | NO (PPB)            | NO <sub>2</sub> (PPB) | NO <sub>x</sub> (PPB) |     |     |     |
|                   |                    |                       |                       | NO (PPB)          | NO <sub>2</sub> (PPB) | NO <sub>x</sub> (PPB) | NO (PPB)      | NO <sub>2</sub> (PPB) | NO <sub>x</sub> (PPB) | NO (PPB)      | NO <sub>2</sub> (PPB) | NO <sub>x</sub> (PPB) |                     |                       |                       |     |     |     |
| Cantidad de Datos | 31                 | 31                    | 31                    | 31                | 31                    | 31                    | 31            | 31                    | 31                    | 31            | 31                    | 31                    | 31                  | 31                    | 31                    | 739 | 739 | 739 |
| Mínimo            | 3                  | 6                     | 9                     | 2                 | 4                     | 6                     | 3             | 5                     | 8                     | 3             | 5                     | 8                     | 1                   | 1                     | 2                     |     |     |     |
| Percentiles       | 95                 | 35                    | 14                    | 47                | 39                    | 15                    | 54            | 48                    | 16                    | 65            | 34                    | 17                    | 45                  | 55                    | 18                    | 68  |     |     |
|                   | 98                 | 36                    | 15                    | 49                | 44                    | 16                    | 56            | 53                    | 18                    | 69            | 40                    | 19                    | 51                  | 74                    | 19                    | 87  |     |     |
| Máximo            | 38                 | 16                    | 49                    | 48                | 17                    | 60                    | 59            | 19                    | 72                    | 47            | 21                    | 57                    | 162                 | 28                    | 173                   |     |     |     |
| Media Aritmética  | 20                 | 11                    | 31                    | 15                | 10                    | 25                    | 26            | 11                    | 37                    | 18            | 12                    | 30                    | 20                  | 11                    | 31                    |     |     |     |
| Desvío Estándar   | 9                  | 2                     | 10                    | 12                | 3                     | 14                    | 14            | 3                     | 17                    | 10            | 3                     | 11                    | 18                  | 4                     | 20                    |     |     |     |
| Mediana           | 21                 | 11                    | 32                    | 10                | 10                    | 21                    | 26            | 11                    | 37                    | 18            | 12                    | 31                    | 16                  | 11                    | 28                    |     |     |     |

PPB: Una parte en volumen de Óxido de Nitrógeno en mil millones de partes en volumen de Aire Ambiente

\* Datos recabados con Monitores automáticos en cumplimiento de Normas de la Environmental Protection Agency( EPA-EU)

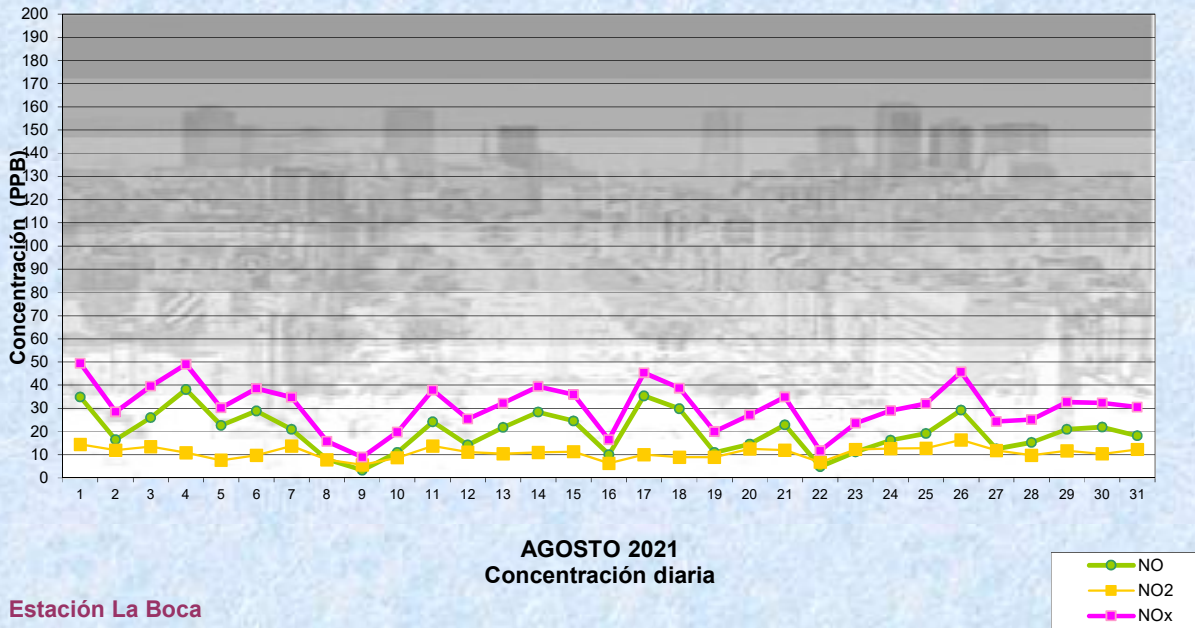
**Cantidad de períodos de 1 hora que excedieron la norma de Calidad de Aire (\*1)**

|               |   |
|---------------|---|
| Promedio      | 1 |
| Hora NO2 (*1) |   |
|               | 0 |

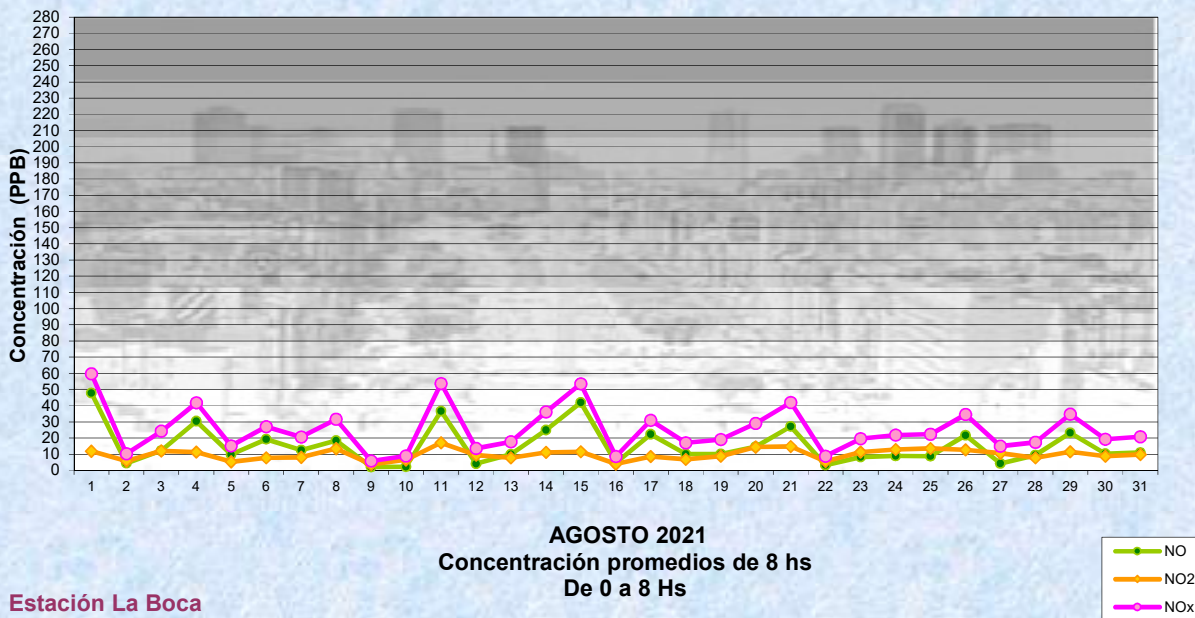
Las excedencias se evalúan de acuerdo a los siguientes Límites Admisibles:

(\*1)Estándar de Calidad de Aire para NO2 en 1 hora: 170 PPB ( RES 68-APRA-21)

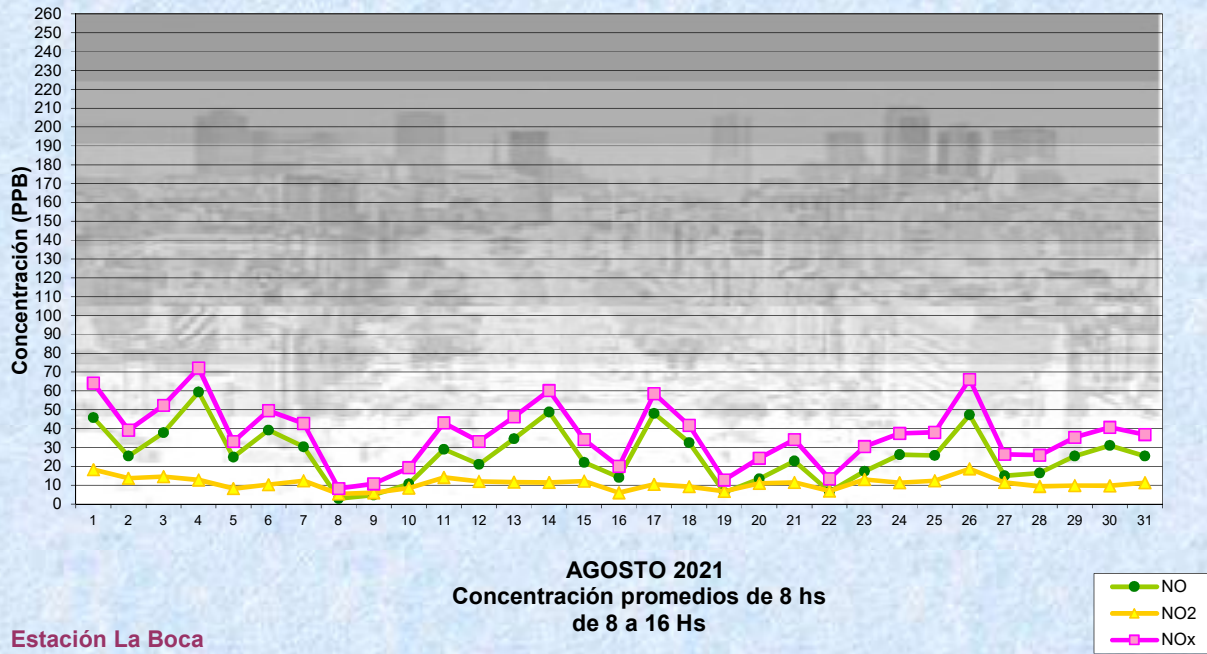
**Gobierno de la Ciudad de Buenos Aires**  
**Agencia de Protección Ambiental**  
**Dirección General de Control Ambiental**  
 Gerencia Operativa de Determinaciones Ambientales y Laboratorio  
**Monitoreo Atmosférico - Óxidos de Nitrógeno**



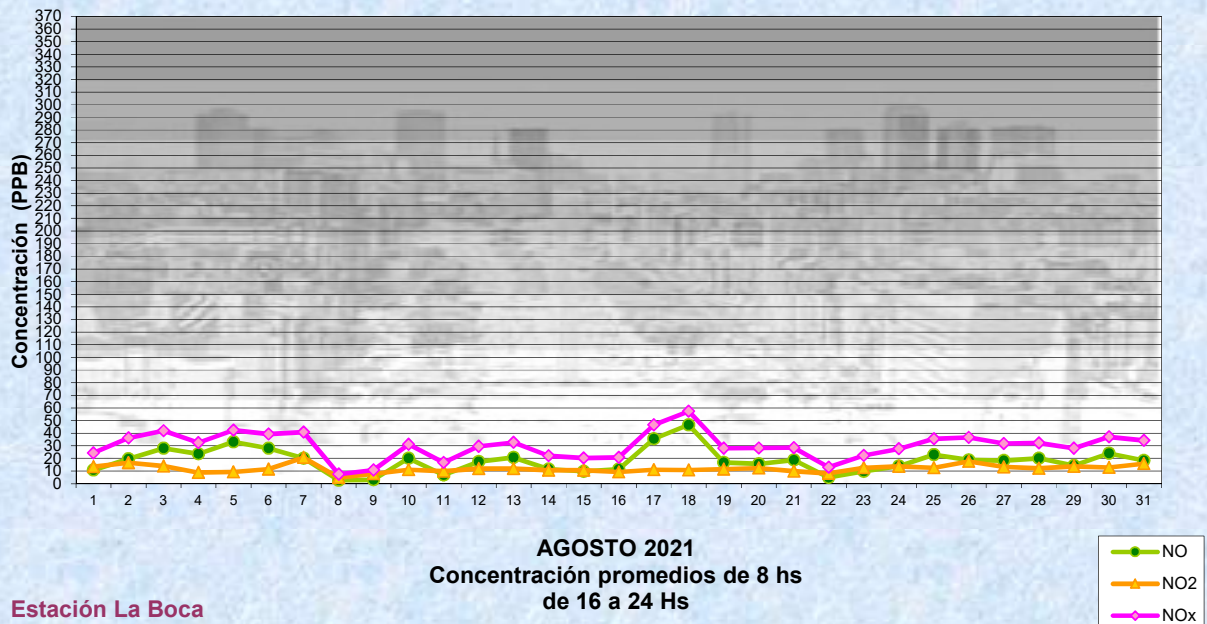
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**Monitoreo Atmosférico - Óxidos de Nitrógeno**



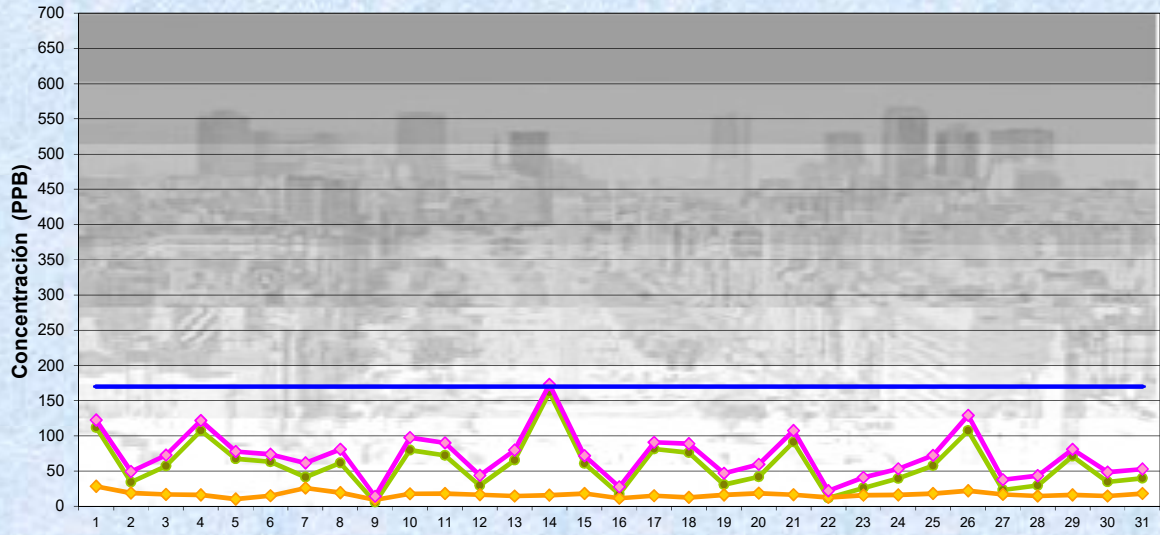
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Monitoreo Atmosférico - Óxidos de Nitrógeno



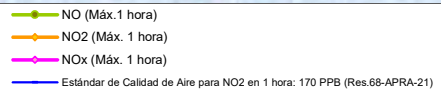
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Monitoreo Atmosférico - Óxidos de Nitrógeno



AGOSTO 2021  
Concentración Máxima  
de promedios de 1 hora



Estación La Boca

**GOBIERNO DE LA CIUDAD DE BUENOS AIRES**  
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**Gerencia Operativa de Determinaciones Ambientales y Laboratorio**  
**Subgerencia Operativa Monitoreo Atmosférico**

**Monitoreo Atmosférico Automático - Red de Estaciones EPA (\*)**

**ÓXIDOS DE NITRÓGENO (PPB)**

**ESTACIÓN LA BOCA**

**AGOSTO 2021**

| HORARIO       | HORARIO  |           |           |          |           |           |            |           |           |            |           |           |
|---------------|----------|-----------|-----------|----------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|
|               | Mensual  |           |           | Sábado   |           |           | Dom y Feri |           |           | Lun a Vier |           |           |
|               | NO (PPB) | NO2 (PPB) | NOx (PPB) | NO (PPB) | NO2 (PPB) | NOx (PPB) | NO (PPB)   | NO2 (PPB) | NOx (PPB) | NO (PPB)   | NO2 (PPB) | NOx (PPB) |
| 23:00 a 00:00 | 19       | 11        | 30        | 7        | 10        | 17        | 35         | 12        | 48        | 18         | 11        | 30        |
| 00:00 a 01:00 | 14       | 11        | 25        | 12       | 11        | 22        | 17         | 12        | 29        | 14         | 11        | 25        |
| 01:00 a 02:00 | 15       | 10        | 25        | 18       | 11        | 29        | 29         | 12        | 41        | 11         | 10        | 21        |
| 02:00 a 03:00 | 14       | 10        | 24        | 20       | 10        | 30        | 31         | 12        | 43        | 10         | 10        | 20        |
| 03:00 a 04:00 | 10       | 9         | 19        | 17       | 9         | 26        | 23         | 12        | 35        | 6          | 8         | 15        |
| 04:00 a 05:00 | 9        | 8         | 17        | 10       | 10        | 19        | 21         | 9         | 30        | 6          | 8         | 14        |
| 05:00 a 06:00 | 15       | 9         | 24        | 21       | 11        | 31        | 26         | 8         | 34        | 11         | 9         | 21        |
| 06:00 a 07:00 | 26       | 11        | 37        | 45       | 12        | 58        | 33         | 9         | 43        | 22         | 11        | 33        |
| 07:00 a 08:00 | 37       | 12        | 49        | 53       | 13        | 66        | 48         | 10        | 57        | 33         | 12        | 46        |
| 08:00 a 09:00 | 42       | 12        | 55        | 60       | 12        | 72        | 34         | 10        | 44        | 42         | 13        | 56        |
| 09:00 a 10:00 | 32       | 12        | 45        | 31       | 13        | 44        | 25         | 11        | 36        | 35         | 13        | 48        |
| 10:00 a 11:00 | 24       | 12        | 36        | 25       | 11        | 36        | 14         | 12        | 27        | 27         | 12        | 39        |
| 11:00 a 12:00 | 19       | 10        | 30        | 20       | 10        | 29        | 11         | 11        | 22        | 22         | 11        | 32        |
| 12:00 a 13:00 | 19       | 10        | 28        | 17       | 9         | 26        | 11         | 11        | 22        | 21         | 10        | 31        |
| 13:00 a 14:00 | 18       | 9         | 27        | 16       | 9         | 25        | 11         | 10        | 21        | 20         | 9         | 29        |
| 14:00 a 15:00 | 17       | 9         | 26        | 16       | 11        | 28        | 10         | 10        | 20        | 19         | 9         | 28        |
| 15:00 a 16:00 | 18       | 10        | 29        | 18       | 11        | 29        | 11         | 11        | 21        | 21         | 10        | 31        |
| 16:00 a 17:00 | 18       | 11        | 29        | 17       | 11        | 29        | 8          | 10        | 19        | 21         | 11        | 32        |
| 17:00 a 18:00 | 18       | 12        | 30        | 24       | 15        | 39        | 8          | 11        | 19        | 20         | 12        | 32        |
| 18:00 a 19:00 | 17       | 13        | 30        | 19       | 15        | 34        | 8          | 11        | 20        | 19         | 13        | 32        |
| 19:00 a 20:00 | 18       | 13        | 31        | 18       | 14        | 32        | 8          | 10        | 19        | 22         | 13        | 35        |
| 20:00 a 21:00 | 19       | 13        | 32        | 16       | 14        | 30        | 10         | 10        | 20        | 22         | 13        | 36        |
| 21:00 a 22:00 | 18       | 12        | 31        | 17       | 13        | 30        | 8          | 9         | 16        | 22         | 13        | 35        |
| 22:00 a 23:00 | 19       | 12        | 31        | 12       | 13        | 25        | 7          | 9         | 16        | 24         | 13        | 37        |

**Gobierno de la Ciudad de Buenos Aires**  
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**Dirección General de Control Ambiental**  
**Gerencia Operativa Determinaciones Ambientales y Laboratorio**  
Monitoreo Atmosférico - Óxidos de Nitrógeno Totales  
**Perfil Horario de Contaminación**

