

**GOBIERNO DE LA CIUDAD DE BUENOS AIRES**  
**SECRETARIA DE AMBIENTE**  
**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**  
**ABRIL 2024**

| ABRIL 2024 | Promedio 24 Hs |           |           | PROMEDIO 8 HS |           |           |          |           |           |          |           |           | Promedio 1 Hora |           |           |          |           |           |
|------------|----------------|-----------|-----------|---------------|-----------|-----------|----------|-----------|-----------|----------|-----------|-----------|-----------------|-----------|-----------|----------|-----------|-----------|
|            | NO (PPB)       | NO2 (PPB) | NOX (PPB) | 0 a 8         |           |           | 8 a 16   |           |           | 16 a 24  |           |           | Max             |           |           | Min      |           |           |
|            |                |           |           | NO (PPB)      | NO2 (PPB) | NOX (PPB) | NO (PPB) | NO2 (PPB) | NOX (PPB) | NO (PPB) | NO2 (PPB) | NOX (PPB) | NO (PPB)        | NO2 (PPB) | NOX (PPB) | NO (PPB) | NO2 (PPB) | NOX (PPB) |
| 1          | 5              | 19        | 24        | 4             | 17        | 21        | 8        | 19        | 27        | 5        | 20        | 24        | 17              | 23        | 38        | 1        | 14        | 16        |
| 2          | 9              | 22        | 31        | 13            | 23        | 36        | 8        | 22        | 30        | 5        | 21        | 26        | 36              | 27        | 60        | 2        | 18        | 21        |
| 3          | 13             | 24        | 37        | 5             | 18        | 23        | 17       | 25        | 42        | 16       | 29        | 45        | 29              | 30        | 53        | 2        | 15        | 18        |
| 4          | 59             | 35        | 94        | 37            | 30        | 67        | 42       | 36        | 78        | 97       | 38        | 135       | 207             | 46        | 245       | 4        | 28        | 33        |
| 5          | 110            | 36        | 146       | 157           | 34        | 191       | 90       | 39        | 129       | 83       | 35        | 118       | 345             | 43        | 385       | 25       | 30        | 60        |
| 6          | 15             | 32        | 46        | 24            | 31        | 55        | 13       | 33        | 47        | 8        | 30        | 38        | 34              | 36        | 63        | 2        | 25        | 27        |
| 7          | 6              | 22        | 28        | 4             | 22        | 26        | 8        | 19        | 27        | 7        | 24        | 31        | 12              | 27        | 35        | 2        | 16        | 21        |
| 8          | 4              | 28        | 46        | 4             | 25        | 35        | 4        | 34        | 61        | 4        | 26        | 44        | 4               | 37        | 70        | 4        | 18        | 21        |
| 9          | 48             | 26        | 74        | 93            | 27        | 120       | 46       | 27        | 73        | 4        | 24        | 28        | 190             | 43        | 222       | 2        | 16        | 18        |
| 10         | 5              | 22        | 27        | 2             | 18        | 19        | 7        | 22        | 29        | 6        | 26        | 33        | 11              | 31        | 41        | 1        | 16        | 17        |
| 11         | 6              | 25        | 31        | 2             | 22        | 24        | 10       | 28        | 38        | 5        | 26        | 31        | 16              | 32        | 48        | 1        | 16        | 17        |
| 12         | 16             | 31        | 47        | 11            | 29        | 39        | 31       | 35        | 65        | 8        | 28        | 36        | 47              | 40        | 85        | 1        | 24        | 26        |
| 13         | 9              | 26        | 35        | 5             | 25        | 29        | 9        | 26        | 35        | 13       | 28        | 41        | 21              | 33        | 54        | 2        | 20        | 23        |
| 14         | 11             | 27        | 38        | 7             | 28        | 36        | 10       | 26        | 36        | 15       | 27        | 42        | 25              | 31        | 54        | 4        | 22        | 27        |
| 15         | 22             | 28        | 51        | 9             | 24        | 33        | 35       | 31        | 66        | 23       | 30        | 53        | 45              | 33        | 73        | 3        | 22        | 26        |
| 16         | 23             | 24        | 46        | 13            | 22        | 35        | 44       | 25        | 69        | 12       | 23        | 35        | 56              | 29        | 80        | 2        | 17        | 19        |
| 17         | 15             | 30        | 45        | 12            | 29        | 41        | 22       | 30        | 52        | 12       | 30        | 42        | 52              | 38        | 90        | 2        | 24        | 27        |
| 18         | 51             | 37        | 88        | 38            | 25        | 64        | 61       | 44        | 104       | 54       | 43        | 97        | 165             | 50        | 205       | 1        | 17        | 17        |
| 19         | 44             | 40        | 84        | 18            | 38        | 56        | 40       | 42        | 82        | 75       | 40        | 115       | 156             | 49        | 196       | 3        | 31        | 35        |
| 20         | 24             | 37        | 61        | 14            | 37        | 51        | 18       | 38        | 56        | 39       | 38        | 76        | 65              | 43        | 106       | 4        | 30        | 37        |
| 21         | 7              | 25        | 32        | 5             | 26        | 31        | 10       | 27        | 38        | 5        | 23        | 27        | 13              | 31        | 43        | 2        | 20        | 25        |
| 22         | 16             | 28        | 43        | 3             | 21        | 24        | 27       | 34        | 61        | 17       | 28        | 45        | 34              | 36        | 69        | 1        | 17        | 19        |
| 23         | 11             | 22        | 33        | 15            | 25        | 40        | 5        | 16        | 21        | 13       | 25        | 38        | 36              | 30        | 66        | 3        | 14        | 17        |
| 24         | 13             | 28        | 41        | 6             | 23        | 29        | 14       | 26        | 40        | 18       | 36        | 53        | 32              | 39        | 63        | 1        | 19        | 20        |
| 25         | 21             | 30        | 50        | 7             | 27        | 34        | 36       | 33        | 69        | 23       | 31        | 53        | 43              | 37        | 78        | 2        | 23        | 25        |
| 26         | 21             | 24        | 46        | 15            | 25        | 41        | 47       | 28        | 75        | 5        | 20        | 25        | 65              | 31        | 96        | 1        | 17        | 18        |
| 27         | 17             | 25        | 42        | 2             | 21        | 23        | 6        | 21        | 26        | 42       | 33        | 76        | 96              | 45        | 141       | 1        | 15        | 17        |
| 28         | 27             | 40        | 66        | 37            | 41        | 77        | 15       | 36        | 52        | 28       | 42        | 70        | 77              | 45        | 120       | 7        | 33        | 41        |
| 29         | 20             | 33        | 53        | 13            | 33        | 46        | 26       | 34        | 60        | 22       | 33        | 55        | 44              | 44        | 79        | 2        | 24        | 26        |
| 30         | 20             | 24        | 44        | 17            | 24        | 41        | 35       | 25        | 60        | 6        | 23        | 29        | 57              | 27        | 82        | 2        | 21        | 23        |

**PARAMETROS ESTADISTICOS**

| ABRIL 2024        | Promedios de 24 hs |           |           | Promedios de 8 hs |           |           |               |           |           |               |           |           | Promedios de 1 hora |           |           |     |     |
|-------------------|--------------------|-----------|-----------|-------------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|---------------------|-----------|-----------|-----|-----|
|                   | NO (PPB)           | NO2 (PPB) | NOX (PPB) | 00:00 a 08:00     |           |           | 08:00 a 16:00 |           |           | 16:00 a 24:00 |           |           | NO (PPB)            | NO2 (PPB) | NOX (PPB) |     |     |
|                   |                    |           |           | NO (PPB)          | NO2 (PPB) | NOX (PPB) | NO (PPB)      | NO2 (PPB) | NOX (PPB) | NO (PPB)      | NO2 (PPB) | NOX (PPB) |                     |           |           |     |     |
| Cantidad de Datos | 30                 | 30        | 30        | 30                | 30        | 30        | 30            | 30        | 30        | 30            | 30        | 30        | 30                  | 30        | 715       | 713 | 713 |
| Mínimo            | 4                  | 19        | 24        | 2                 | 17        | 19        | 4             | 16        | 21        | 4             | 20        | 24        | 1                   | 14        | 16        |     |     |
| Percentiles       | 95                 | 55        | 39        | 91                | 68        | 38        | 101           | 55        | 41        | 94            | 79        | 41        | 117                 | 81        | 42        | 116 |     |
|                   | 98                 | 80        | 40        | 116               | 120       | 39        | 150           | 73        | 43        | 115           | 89        | 42        | 125                 | 142       | 44        | 177 |     |
| Máximo            | 110                | 40        | 146       | 157               | 41        | 191       | 90            | 44        | 129       | 97            | 43        | 135       | 345                 | 50        | 385       |     |     |
| Media Aritmética  | 22                 | 28        | 51        | 20                | 26        | 46        | 25            | 29        | 55        | 22            | 29        | 52        | 22                  | 28        | 51        |     |     |
| Desvío Estándar   | 22                 | 6         | 25        | 32                | 6         | 34        | 20            | 7         | 24        | 25            | 6         | 30        | 34                  | 7         | 38        |     |     |
| Mediana           | 16                 | 27        | 45        | 11                | 25        | 36        | 17            | 28        | 54        | 13            | 28        | 42        | 10                  | 27        | 40        |     |     |

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)

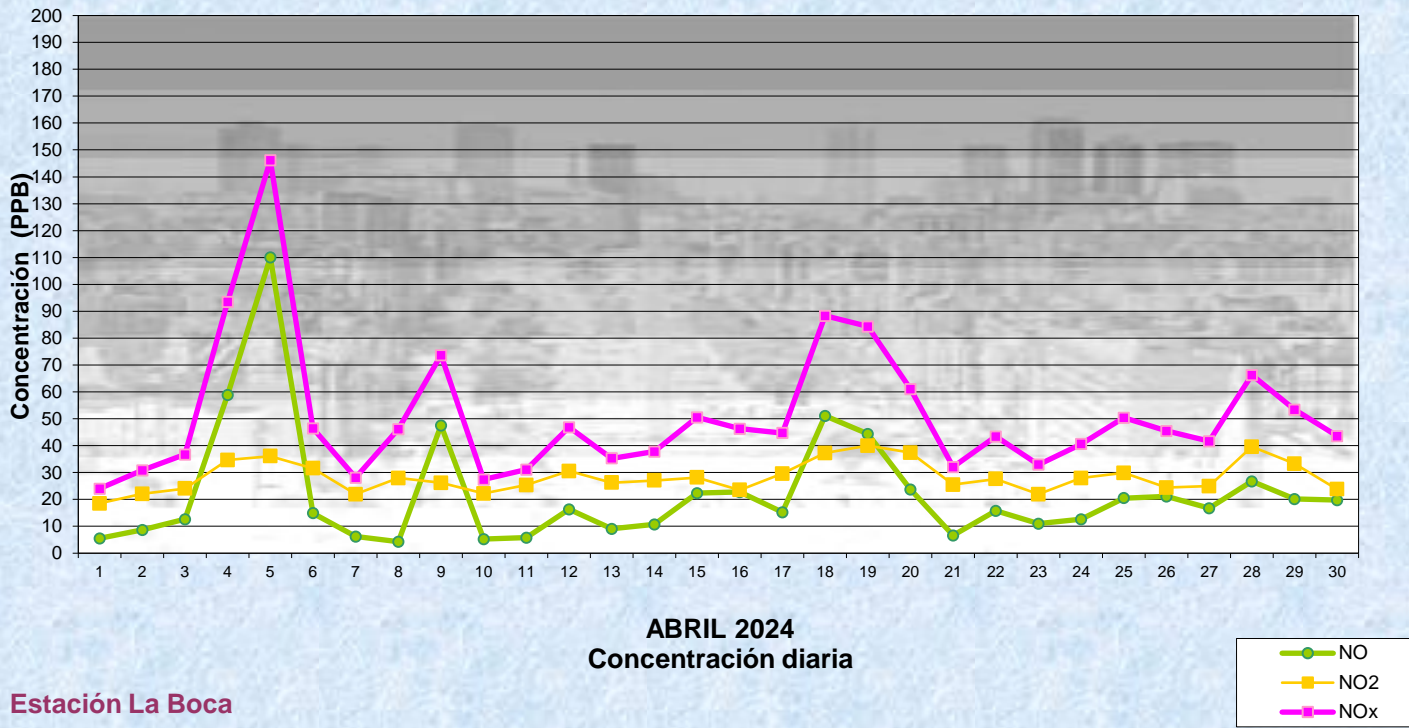
**Cantidad de períodos de 1 hora que excedieron la norma de Calidad de Aire (\*1)**

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

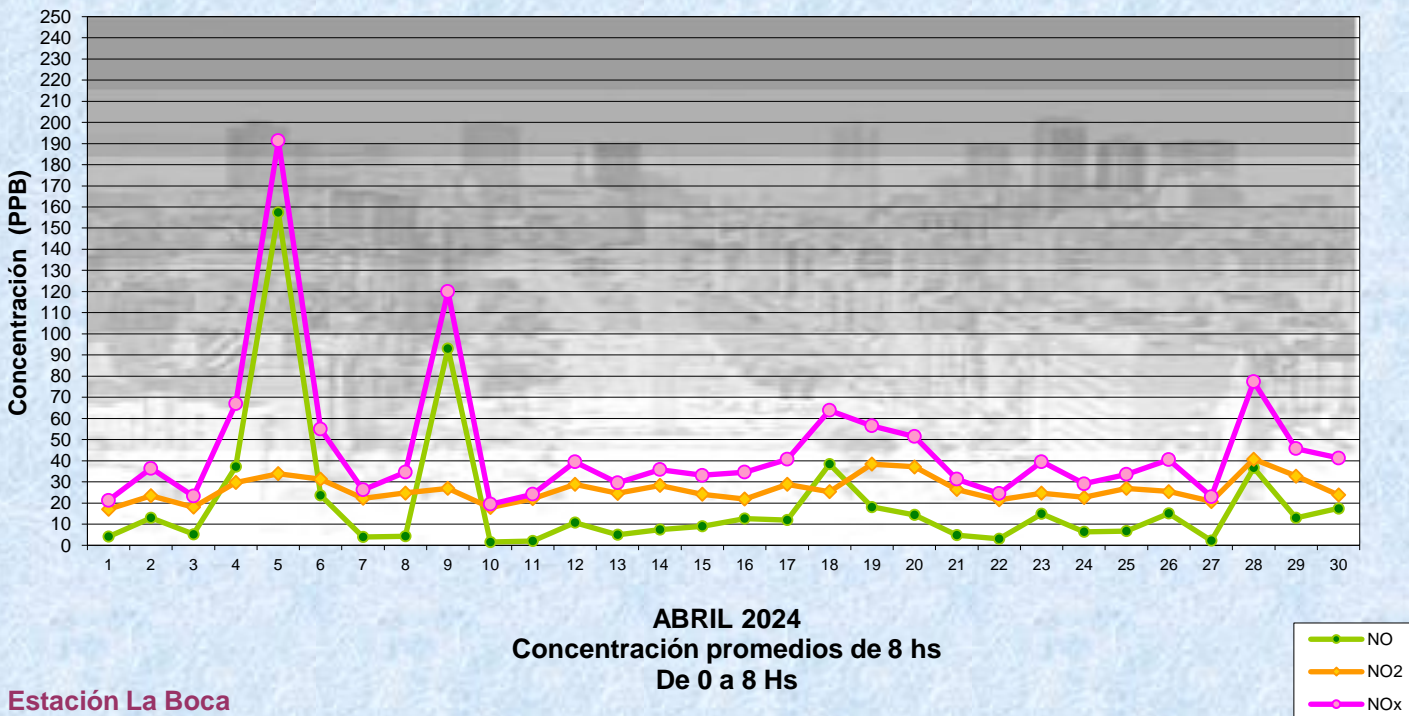
Las excedencias se evalúan de acuerdo a los siguientes Límites Admisibles:

(\*1)Estándar de Calidad de Aire para NO2 en 1 hora: 106PPB ( RES 68-APRA-21- 3ra etapa)

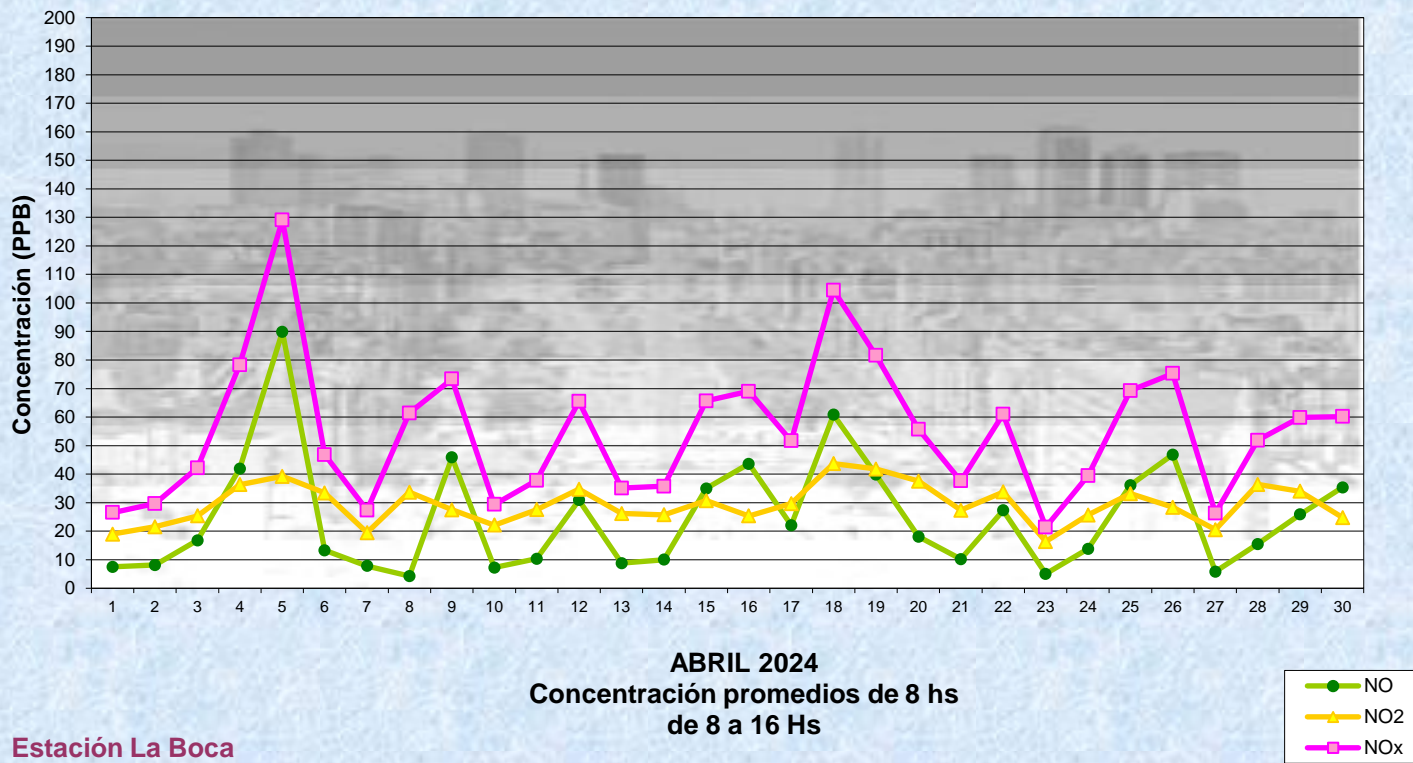
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Monitoreo Atmosférico - Óxidos de Nitrógeno



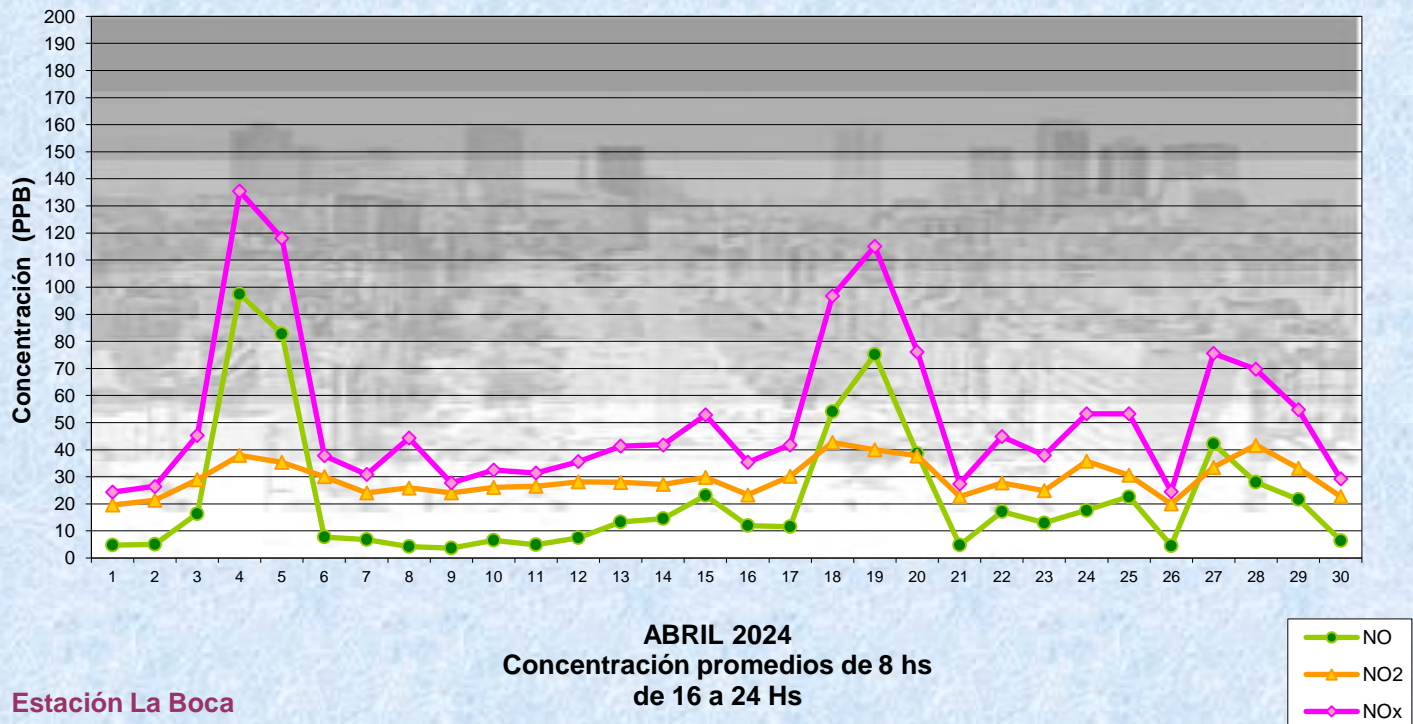
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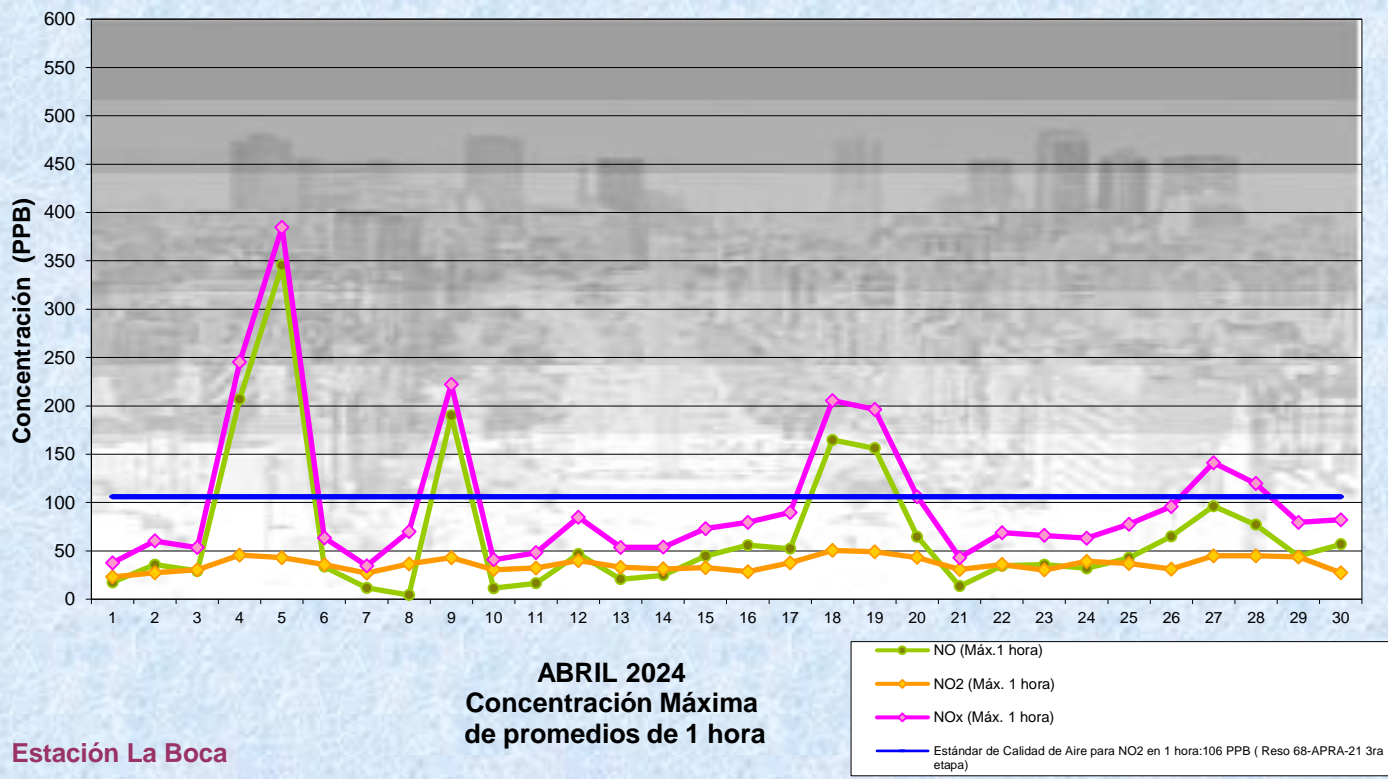
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**ABRIL 2024**

| 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 | 15       | 28        | 43        | 14       | 28        | 42        | 20         | 30        | 50        | 14         | 27        | 41        |
| 00:00 a 01:00 | 14       | 27        | 41        | 11       | 29        | 40        | 15         | 30        | 45        | 14         | 26        | 40        |
| 01:00 a 02:00 | 13       | 25        | 38        | 10       | 29        | 39        | 14         | 29        | 43        | 13         | 23        | 36        |
| 02:00 a 03:00 | 10       | 24        | 33        | 7        | 27        | 33        | 11         | 28        | 39        | 10         | 22        | 32        |
| 03:00 a 04:00 | 10       | 24        | 34        | 6        | 27        | 33        | 8          | 28        | 36        | 11         | 22        | 34        |
| 04:00 a 05:00 | 18       | 26        | 43        | 8        | 27        | 35        | 9          | 27        | 35        | 22         | 25        | 47        |
| 05:00 a 06:00 | 32       | 28        | 60        | 15       | 29        | 45        | 11         | 26        | 37        | 40         | 28        | 69        |
| 06:00 a 07:00 | 48       | 30        | 80        | 19       | 31        | 50        | 18         | 27        | 46        | 62         | 31        | 94        |
| 07:00 a 08:00 | 48       | 31        | 80        | 21       | 32        | 54        | 20         | 29        | 48        | 60         | 32        | 93        |
| 08:00 a 09:00 | 36       | 31        | 68        | 15       | 32        | 47        | 12         | 29        | 40        | 45         | 32        | 78        |
| 09:00 a 10:00 | 26       | 31        | 57        | 12       | 31        | 43        | 10         | 27        | 37        | 32         | 31        | 65        |
| 10:00 a 11:00 | 20       | 29        | 50        | 13       | 29        | 42        | 9          | 25        | 34        | 24         | 30        | 56        |
| 11:00 a 12:00 | 19       | 28        | 48        | 11       | 28        | 39        | 7          | 24        | 31        | 24         | 29        | 54        |
| 12:00 a 13:00 | 16       | 28        | 44        | 7        | 28        | 35        | 6          | 24        | 31        | 20         | 28        | 49        |
| 13:00 a 14:00 | 16       | 28        | 44        | 7        | 27        | 34        | 9          | 25        | 34        | 20         | 29        | 49        |
| 14:00 a 15:00 | 17       | 29        | 46        | 7        | 27        | 34        | 9          | 26        | 36        | 20         | 30        | 51        |
| 15:00 a 16:00 | 16       | 30        | 46        | 8        | 28        | 35        | 12         | 27        | 40        | 19         | 31        | 50        |
| 16:00 a 17:00 | 17       | 29        | 46        | 12       | 29        | 40        | 11         | 27        | 38        | 20         | 29        | 50        |
| 17:00 a 18:00 | 19       | 29        | 48        | 16       | 31        | 47        | 9          | 28        | 37        | 21         | 30        | 51        |
| 18:00 a 19:00 | 22       | 30        | 53        | 26       | 33        | 59        | 16         | 29        | 44        | 23         | 30        | 53        |
| 19:00 a 20:00 | 31       | 30        | 61        | 30       | 33        | 64        | 15         | 28        | 43        | 35         | 30        | 65        |
| 20:00 a 21:00 | 31       | 29        | 61        | 34       | 34        | 68        | 13         | 27        | 41        | 35         | 29        | 65        |
| 21:00 a 22:00 | 25       | 29        | 54        | 41       | 36        | 77        | 11         | 27        | 38        | 25         | 29        | 54        |
| 22:00 a 23:00 | 17       | 28        | 46        | 37       | 34        | 71        | 7          | 27        | 34        | 15         | 27        | 44        |

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**Monitoreo Atmosférico - Óxidos de Nitrógeno Totales**  
**Perfil Horario de Contaminación**

