



GOBIERNO DE LA CIUDAD DE BUENOS AIRES
SECRETARIA DE SEGURIDAD
SUBSECRETARIA DE CONTROL COMUNAL
DIRECCIÓN GENERAL CONTROL DE LA CALIDAD AMBIENTAL
Laboratorio Calidad Ambiental

OXIDOS DE NITRÓGENO(PPB)
ESTACION PARQUE CENTENARIO
JULIO 2005

| JULIO 2005 | Promedio 24 Hs | | | PROMEDIO 8 HS | | | | | | | | | Promedio 1 Hora | | | | | |
|---------------|-------------------|--------------------------|--------------------------|---------------|--------------------------|--------------------------|-------------|--------------------------|--------------------------|-------------|--------------------------|--------------------------|-----------------|--------------------------|--------------------------|-------------|--------------------------|--------------------------|
| | NO (PPB) | NO ₂ (PPB) | NO _x (PPB) | 0 a 8 | | | 8 a 16 | | | 16 a 24 | | | Max | | | Min | | |
| | | | | NO (PPB) | NO ₂ (PPB) | NO _x (PPB) | NO (PPB) | NO ₂ (PPB) | NO _x (PPB) | NO (PPB) | NO ₂ (PPB) | NO _x (PPB) | NO (PPB) | NO ₂ (PPB) | NO _x (PPB) | NO (PPB) | NO ₂ (PPB) | NO _x (PPB) |
| 1 | 77 | 21 | 102 | 15 | 18 | 32 | 73 | 20 | 110 | 143 | 24 | 162 | 221 | 28 | 288 | 2 | 6 | 14 |
| 2 | 72 | 17 | 85 | 72 | 17 | 85 | s/d | s/d | s/d | s/d | s/d | s/d | 78 | 17 | 92 | 67 | 16 | 79 |
| 3 | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d |
| 4 | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d |
| 5 | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d | s/d |
| 6 | 44 | 37 | 81 | s/d | s/d | s/d | s/d | 25 | 67 | 44 | 42 | 88 | 75 | 53 | 127 | 22 | 23 | 46 |
| 7 | 23 | 26 | 48 | 15 | 24 | 39 | 29 | 27 | 55 | 24 | 27 | 50 | 56 | 37 | 92 | 2 | 15 | 17 |
| 8 | 51 | 24 | 74 | 3 | 11 | 14 | 32 | 24 | 54 | 120 | 38 | 155 | 219 | 49 | 263 | 0 | 6 | 6 |
| 9 | 40 | 29 | 68 | 25 | 26 | 50 | 52 | 29 | 79 | 43 | 33 | 75 | 96 | 41 | 135 | 12 | 21 | 34 |
| 10 | 65 | 29 | 92 | 22 | 24 | 45 | 30 | 24 | 53 | 143 | 38 | 177 | 345 | 49 | 385 | 16 | 20 | 39 |
| 11 | 76 | 35 | 109 | 97 | 36 | 130 | 101 | 38 | 136 | 29 | 32 | 60 | 203 | 45 | 241 | 10 | 27 | 37 |
| 12 | 32 | 24 | 55 | 3 | 16 | 19 | 48 | 24 | 71 | 46 | 31 | 145 | 88 | 35 | 115 | 0 | 11 | 11 |
| 13 | 80 | 30 | 107 | 7 | 17 | 24 | 35 | 27 | 61 | 197 | 46 | 237 | 545 | 68 | 600 | 0 | 9 | 9 |
| 14 | 62 | 28 | 88 | 9 | 19 | 28 | 62 | 32 | 12 | 114 | 34 | 145 | 158 | 38 | 193 | 1 | 12 | 13 |
| 15 | 48 | 23 | 85 | 9 | 14 | 22 | 89 | 21 | 152 | 47 | 33 | 80 | 528 | 37 | 790 | 1 | 12 | 13 |
| 16 | 43 | 25 | 69 | 10 | 16 | 26 | 40 | 25 | 64 | 80 | 35 | 116 | 121 | 41 | 163 | 3 | 12 | 17 |
| 17 | 54 | 27 | 81 | 68 | 31 | 25 | 30 | 19 | 52 | 65 | 30 | 43 | 106 | 38 | 145 | 22 | 16 | 39 |
| 18 | 65 | 30 | 95 | 20 | 19 | 38 | 62 | 31 | 92 | 113 | 40 | 155 | 174 | 47 | 224 | 4 | 9 | 13 |
| 19 | 90 | 41 | 133 | 63 | 36 | 100 | 114 | 44 | 158 | 93 | 44 | 139 | 176 | 53 | 223 | 29 | 33 | 63 |
| 20 | 39 | 30 | 70 | 22 | 26 | 49 | 60 | 31 | 92 | 35 | 32 | 69 | 89 | 39 | 128 | 7 | 19 | 26 |
| 21 | 63 | 33 | 98 | 19 | 26 | 46 | 71 | 33 | 106 | 99 | 42 | 143 | 175 | 50 | 228 | 9 | 24 | 34 |
| 22 | 62 | 30 | 90 | 22 | 20 | 43 | 84 | 34 | 116 | 79 | 35 | 111 | 110 | 40 | 146 | 9 | 15 | 24 |
| 23 | 40 | 20 | 61 | 24 | 18 | 43 | 50 | 22 | 72 | 47 | 22 | 69 | 65 | 25 | 90 | 17 | 15 | 33 |
| 24 | 54 | 23 | 77 | 34 | 19 | 54 | 53 | 22 | 76 | 75 | 27 | 102 | 101 | 29 | 130 | 26 | 17 | 44 |
| 25 | 99 | 33 | 132 | 25 | 18 | 43 | 76 | 37 | 112 | 196 | 44 | 242 | 407 | 56 | 468 | 6 | 11 | 17 |
| 26 | 60 | 31 | 105 | 45 | 25 | 72 | 60 | 31 | 98 | 67 | 33 | 133 | 108 | 41 | 309 | 12 | 1 | 34 |
| 27 | 66 | 30 | 96 | 12 | 23 | 37 | 82 | 32 | 112 | 104 | 36 | 138 | 209 | 45 | 246 | 3 | 14 | 19 |
| 28 | 88 | 44 | 130 | 39 | 27 | 67 | 145 | 45 | 185 | 79 | 59 | 138 | 229 | 74 | 260 | 10 | 19 | 33 |
| 29 | 67 | 31 | 98 | 41 | 24 | 41 | 70 | 32 | 111 | 271 | 38 | 142 | 213 | 49 | 254 | 2 | 17 | 22 |
| 30 | 127 | 39 | 163 | 24 | 26 | 68 | 32 | 35 | 104 | 38 | 55 | 316 | 700 | 74 | 743 | 23 | 21 | 45 |
| 31 | 33 | 29 | 63 | 54 | 30 | 85 | 21 | 20 | 42 | 25 | 37 | 64 | 132 | 43 | 170 | 9 | 16 | 31 |

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

Cantidad de días con excedencia de norma de Calidad de Aire

| Promedio 1 Hora NO _x (*1) | Promedio 1 Hora NO ₂ (*2) |
|---|---|
| 6 | 0 |

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

(*1)Niveles Admisibles para NO_x en 1 h (Expresados como NO₂): 450 PPB (Ley Nacional 20284)

(*2)Niveles Guías para NO₂ en 1 h: 150 PPB (0,2 mg/m3) (Organización Mundial de la Salud - OMS)

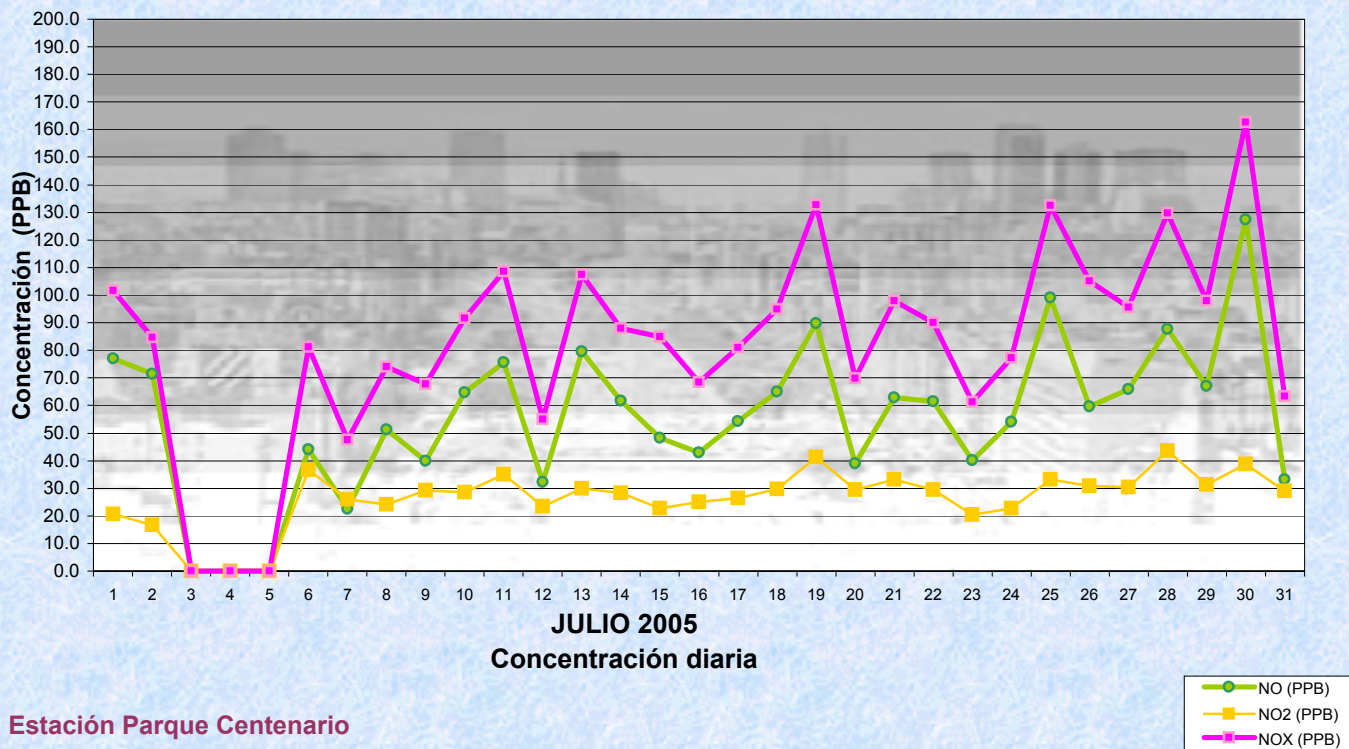


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Dir. Gral. Control de la Calidad Ambiental

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Monitoreo Atmosférico - Óxidos de Nitrógeno

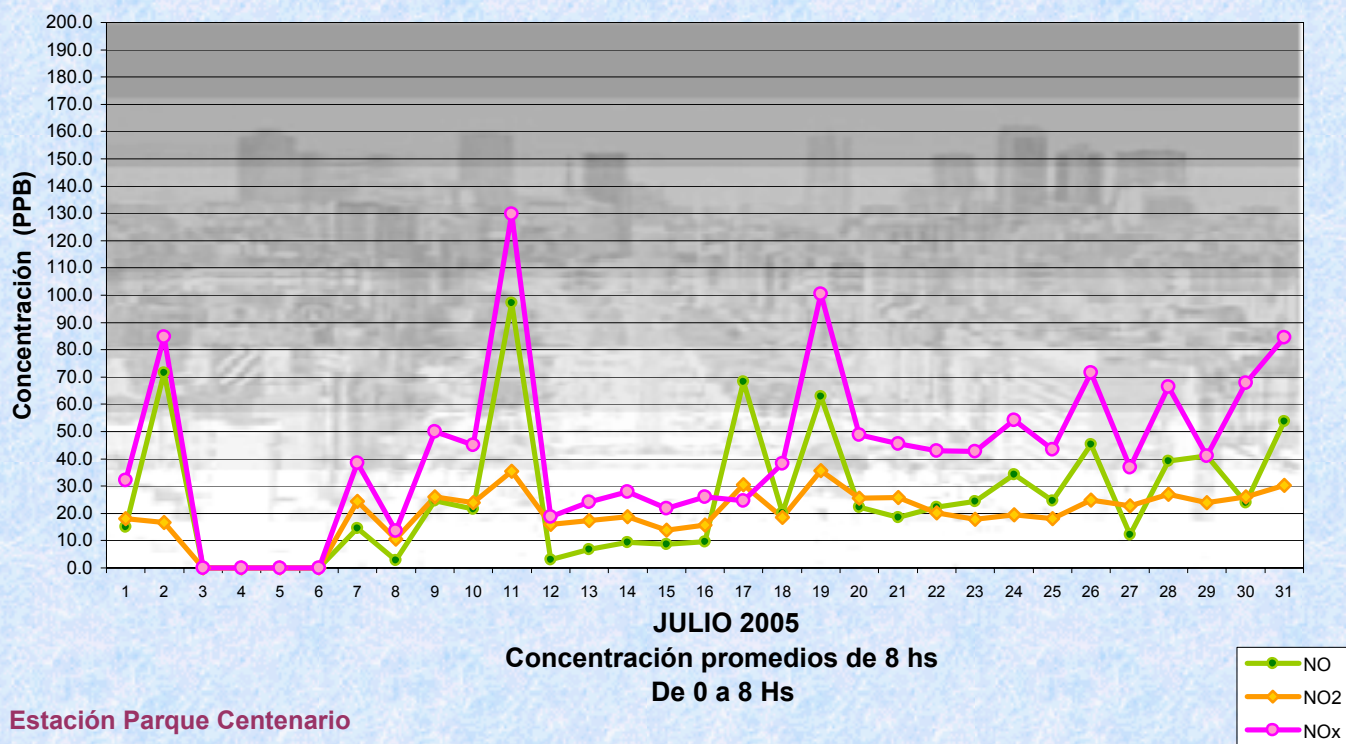


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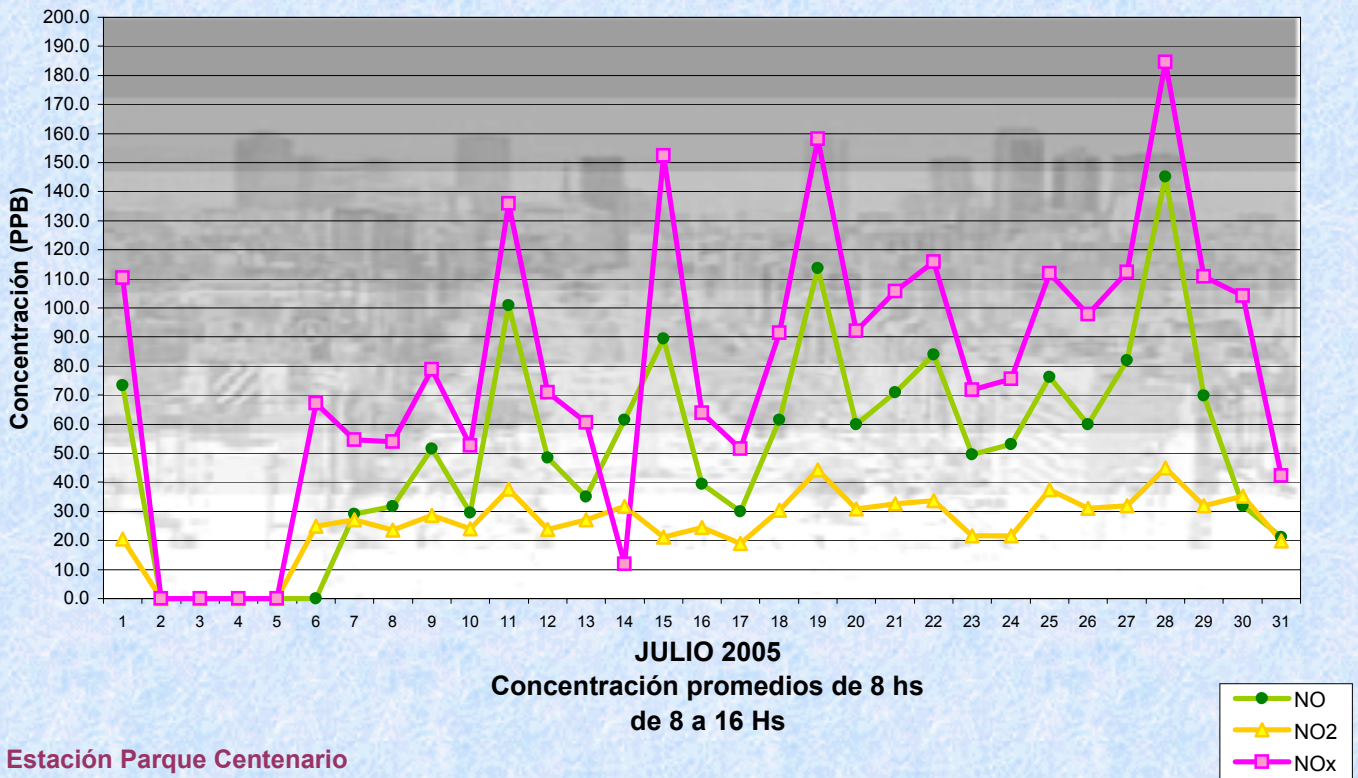


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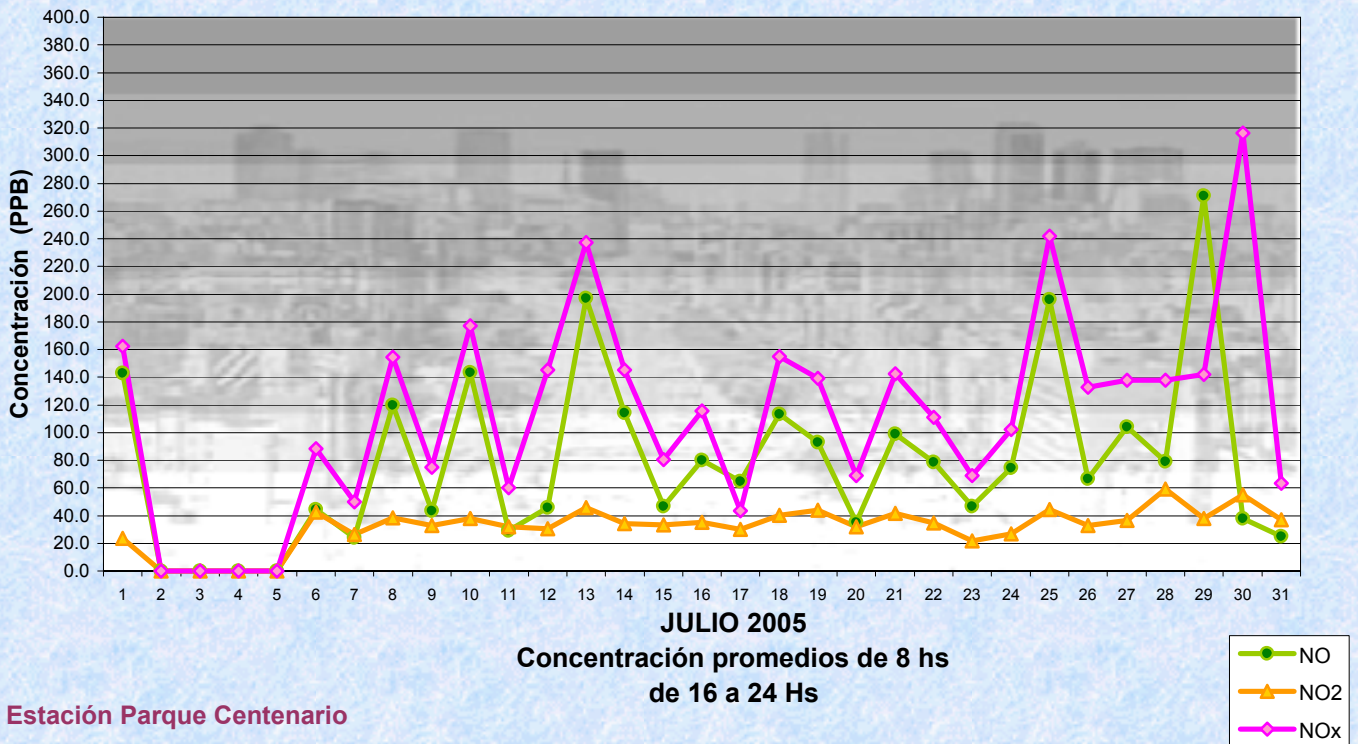


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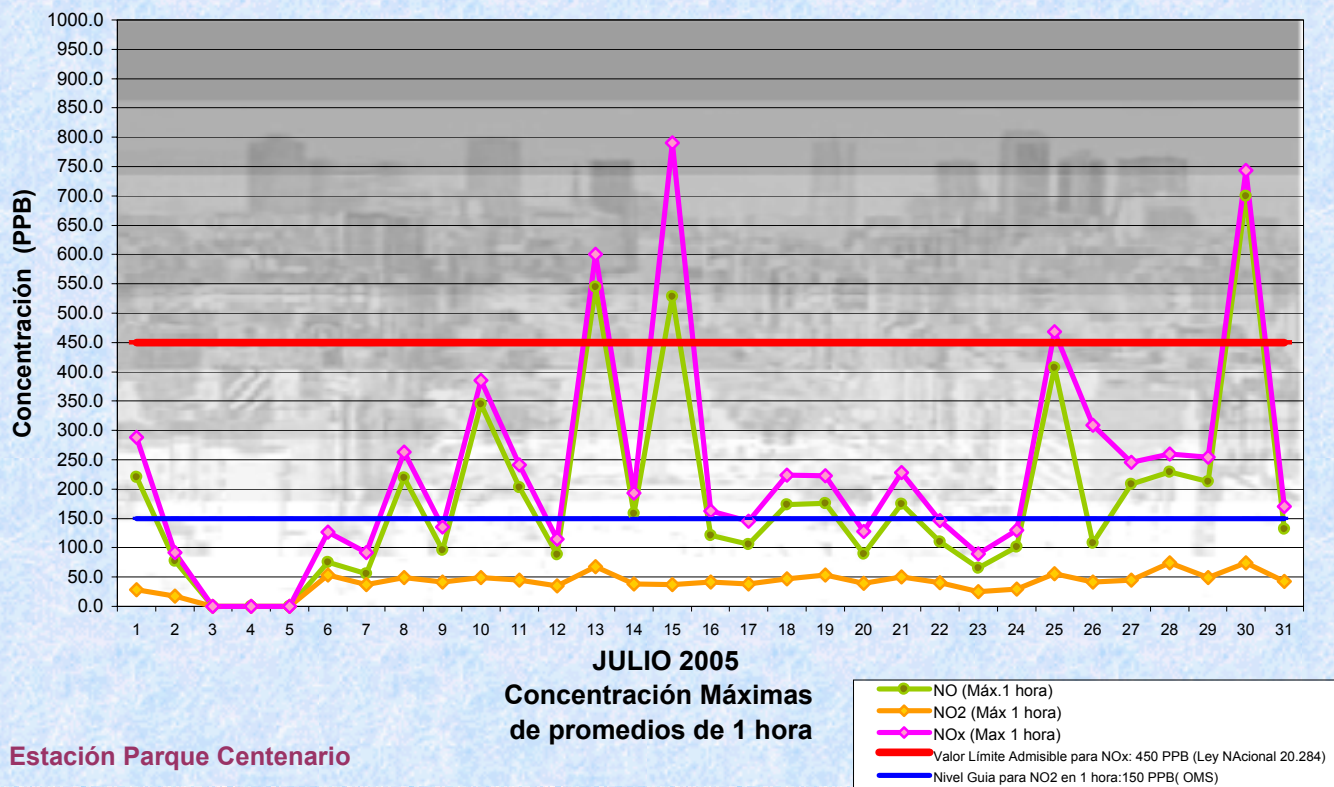


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OXIDOS DE NITRÓGENO(PPB)
ESTACION PARQUE CENTENARIO
JULIO 2005

| HORARIO | PROMEDIOS HORARIOS | | | | | | | | | | | |
|---------------|--------------------|-----------|-----------|----------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|
| | 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 | 49 | 29 | 74 | 38 | 21 | 59 | 61 | 32 | 92 | 48 | 29 | 77 |
| 00:00 a 01:00 | 40 | 26 | 62 | 37 | 20 | 56 | 54 | 31 | 83 | 37 | 26 | 63 |
| 01:00 a 02:00 | 33 | 23 | 52 | 35 | 19 | 54 | 51 | 27 | 77 | 27 | 23 | 51 |
| 02:00 a 03:00 | 24 | 20 | 40 | 40 | 18 | 57 | 38 | 25 | 64 | 15 | 19 | 35 |
| 03:00 a 04:00 | 15 | 19 | 31 | 31 | 19 | 51 | 29 | 24 | 53 | 8 | 17 | 26 |
| 04:00 a 05:00 | 14 | 18 | 30 | 20 | 18 | 40 | 26 | 24 | 50 | 9 | 16 | 26 |
| 05:00 a 06:00 | 20 | 20 | 38 | 19 | 19 | 40 | 28 | 23 | 51 | 17 | 20 | 36 |
| 06:00 a 07:00 | 34 | 25 | 58 | 25 | 21 | 47 | 37 | 24 | 61 | 34 | 26 | 60 |
| 07:00 a 08:00 | 63 | 30 | 96 | 40 | 24 | 64 | 41 | 24 | 64 | 76 | 33 | 107 |
| 08:00 a 09:00 | 76 | 31 | 110 | 56 | 26 | 82 | 41 | 24 | 65 | 93 | 34 | 127 |
| 09:00 a 10:00 | 72 | 31 | 107 | 60 | 28 | 88 | 39 | 21 | 61 | 89 | 34 | 122 |
| 10:00 a 11:00 | 64 | 29 | 94 | 60 | 29 | 89 | 37 | 20 | 57 | 74 | 32 | 105 |
| 11:00 a 12:00 | 58 | 29 | 87 | 61 | 29 | 90 | 37 | 21 | 58 | 65 | 32 | 95 |
| 12:00 a 13:00 | 52 | 28 | 81 | 51 | 28 | 79 | 38 | 24 | 62 | 56 | 29 | 86 |
| 13:00 a 14:00 | 44 | 26 | 98 | 54 | 27 | 81 | 34 | 24 | 58 | 49 | 28 | 118 |
| 14:00 a 15:00 | 62 | 27 | 78 | 40 | 25 | 66 | 29 | 24 | 54 | 76 | 28 | 89 |
| 15:00 a 16:00 | 46 | 30 | 87 | 45 | 28 | 73 | 29 | 24 | 53 | 53 | 32 | 100 |
| 16:00 a 17:00 | 55 | 34 | 91 | 50 | 32 | 82 | 32 | 26 | 59 | 66 | 36 | 102 |
| 17:00 a 18:00 | 68 | 38 | 109 | 63 | 36 | 100 | 48 | 31 | 79 | 83 | 40 | 122 |
| 18:00 a 19:00 | 107 | 40 | 146 | 178 | 41 | 214 | 52 | 34 | 85 | 115 | 42 | 155 |
| 19:00 a 20:00 | 141 | 42 | 180 | 288 | 46 | 324 | 86 | 37 | 122 | 135 | 42 | 176 |
| 20:00 a 21:00 | 128 | 40 | 167 | 186 | 42 | 223 | 94 | 38 | 131 | 130 | 40 | 169 |
| 21:00 a 22:00 | 96 | 36 | 130 | 115 | 37 | 151 | 112 | 37 | 148 | 91 | 36 | 126 |
| 22:00 a 23:00 | 74 | 33 | 104 | 134 | 37 | 168 | 109 | 36 | 144 | 56 | 31 | 88 |



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Monitoreo Atmosférico - Oxidos de Nitrógeno Totales
Perfil Horario de Contaminación

