

TABLA N° 04 : HOJA DE DATOS - MATERIAL PARTICULADO RESPIRABLE (PM10)

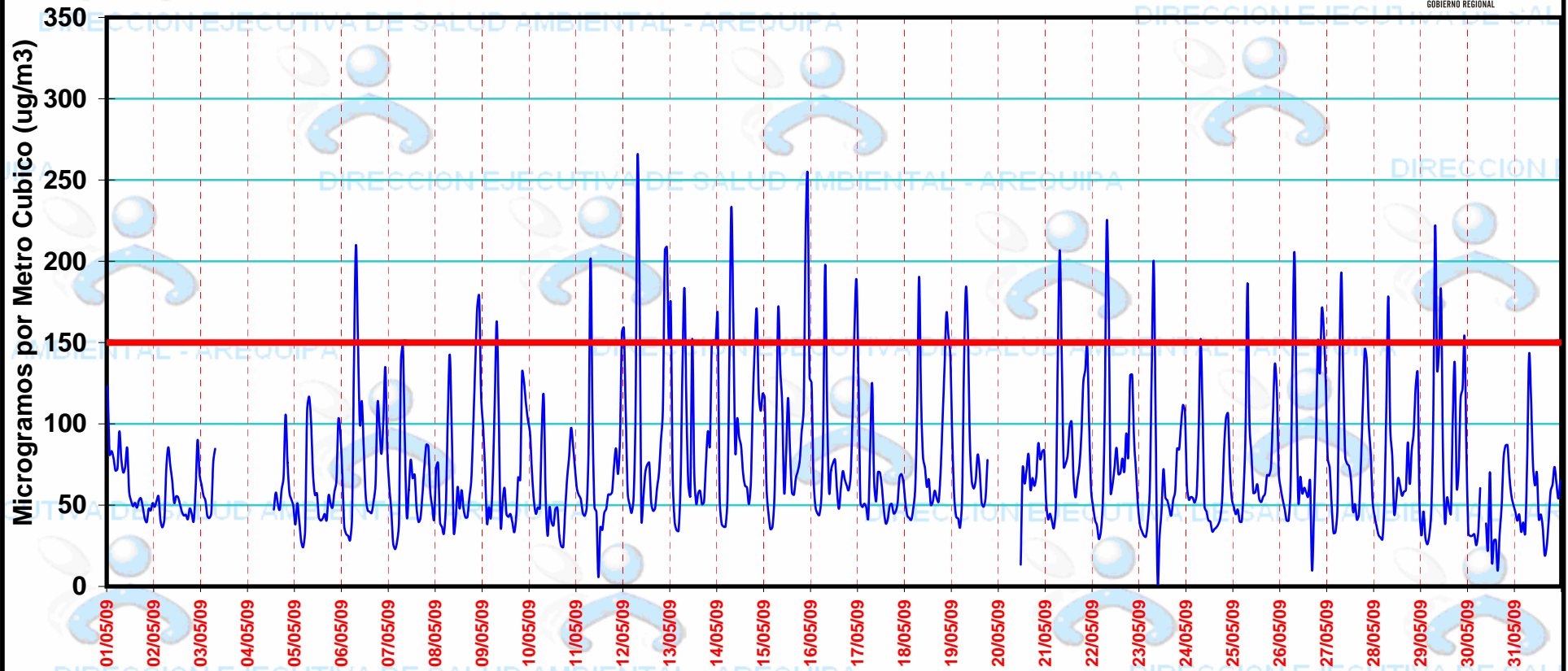
Ciudad : Arequipa  
 Nombre/Numero de la Estacion : ELP-01  
 Ubicacion : Av. Venezuela (U.N.S.A. Area Ingenierias E. SENAMHI)  
 Metodo de Muestreo y Analisis : (METODO MICRO BALANZA OSCILATORIA)  
 Equipo de Muestreo : RUPPERCHT & PATASHINICK - TEOM 1440 A  
 Codigo de equipo : 99-002153  
 Ultima Calibracion del Equipo : Febrero - 2009  
 ECA : 150 µg/m3

Mes : MAYO  
 Año : 2009  
 Semana Epidemiologica : 18-23  
 Operador : Ing. Victor Escobedo Romero  
 : Ing. Yury Isasi Rosas  
 Responsable : DESA - AREQUIPA  
 Tipo de Data : Horario  
 Unidades : µg/m3  
 Limite de Deteccion : ----- µg/m3

| DIA<br>HORA   | 1     | 2    | 3    | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20   | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30   | Prom. | Conc.<br>Max. | Conc.<br>Min. |
|---------------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------------|---------------|
| 01:00         | 123.2 | 49.0 | 62.7 |       | 38.1  | 69.5  | 61.9  | 72.8  | 98.7  | 94.3  | 60.2  | 159.1 | 173.5 | 167.1 | 116.3 | 125.4 | 128.9 | 51.8  | 91.0  |      | 52.1  | 49.2  | 37.9  | 62.6  | 49.0  | 60.3  | 79.3  | 43.1  | 31.4  | 32.4 | 80.0  | 174           | 31            |
| 02:00         | 81.1  | 52.6 | 55.9 |       | 51.2  | 37.0  | 47.5  | 75.9  | 72.8  | 70.3  | 56.2  | 105.9 | 68.3  | 54.6  | 60.4  | 67.8  | 51.6  | 43.6  | 55.3  |      | 41.4  | 40.9  | 33.9  | 53.4  | 44.4  | 53.5  | 73.2  | 37.1  | 46.1  | 31.0 | 55.8  | 106           | 31            |
| 03:00         | 83.3  | 55.4 | 52.8 |       | 40.0  | 32.3  | 26.7  | 39.5  | 39.0  | 52.7  | 53.6  | 57.1  | 40.0  | 38.8  | 44.5  | 49.2  | 48.9  | 42.1  | 42.9  |      | 44.7  | 37.5  | 31.2  | 55.0  | 47.3  | 47.8  | 50.9  | 31.8  | 30.0  | 31.2 | 44.5  | 83            | 27            |
| 04:00         | 78.9  | 40.6 | 43.3 |       | 27.5  | 31.1  | 22.9  | 36.6  | 48.7  | 44.7  | 45.3  | 50.2  | 34.6  | 36.8  | 35.2  | 45.0  | 50.9  | 41.0  | 41.7  |      | 40.0  | 29.1  | 30.6  | 54.4  | 40.0  | 40.7  | 32.9  | 30.1  | 25.9  | 32.1 | 39.7  | 79            | 23            |
| 05:00         | 71.2  | 36.4 | 42.0 |       | 24.2  | 28.5  | 27.6  | 32.7  | 42.4  | 48.6  | 43.5  | 45.3  | 34.1  | 36.8  | 36.5  | 44.0  | 48.6  | 47.9  | 36.4  |      | 36.0  | 34.1  | 39.9  | 51.6  | 39.8  | 40.5  | 33.5  | 28.9  | 31.5  | 25.3 | 38.8  | 71            | 24            |
| 06:00         | 72.4  | 41.3 | 45.0 |       | 35.0  | 42.9  | 39.6  | 49.9  | 68.1  | 47.9  | 48.4  | 54.8  | 61.8  | 54.1  | 54.3  | 53.9  | 41.9  | 60.0  | 53.6  |      | 49.6  | 52.7  | 60.1  | 56.9  | 59.4  | 60.1  | 48.3  | 52.6  | 46.6  | 33.2 | 51.6  | 72            | 33            |
| 07:00         | 95.4  | 72.9 | 76.2 |       | 108.3 | 139.3 | 138.7 | 105.2 | 114.7 | 94.2  | 86.6  | 108.1 | 135.7 | 141.0 | 104.3 | 97.5  | 85.6  | 107.8 | 135.9 |      | 143.2 | 109.3 | 133.3 | 94.3  | 97.2  | 138.3 | 134.3 | 110.5 | 102.4 | 60.5 | 109.7 | 143           | 60            |
| 08:00         | 77.9  | 85.6 | 84.7 |       | 116.8 | 210.0 | 147.8 | 142.6 | 163.1 | 117.2 | 201.7 | 263.7 | 183.2 | 233.3 | 171.8 | 197.8 | 124.9 | 190.4 | 184.2 |      | 206.8 | 223.8 | 200.0 | 152.1 | 186.5 | 205.5 | 193.1 | 178.3 | 221.9 |      | 172.8 | 264           | 78            |
| 09:00         | 70.1  | 74.6 |      |       | 101.7 | 152.9 | 89.2  | 94.6  | 108.8 | 56.0  | 104.2 | 191.2 | 110.4 | 164.0 | 134.1 | 109.7 | 65.4  | 117.3 | 156.3 |      | 141.4 | 173.0 | 102.4 | 109.2 | 101.1 | 114.5 | 126.3 | 97.4  | 133.8 |      | 115.4 | 191           | 56            |
| 10:00         | 73.8  | 65.1 |      |       | 69.7  | 100.0 | 42.8  | 33.2  | 37.1  | 31.1  | 48.8  | 40.7  | 62.6  | 83.4  | 111.4 | 58.3  | 52.3  | 80.0  | 89.2  |      | 73.2  | 57.3  | 4.1   | 49.2  | 81.2  | 52.2  | 79.6  | 80.8  | 146.8 | 38.7 | 64.5  | 147           | 4             |
| 11:00         | 85.2  | 51.5 |      |       | 56.3  | 113.9 | 59.3  | 41.7  | 51.7  | 48.8  | 45.8  | 55.0  | 55.9  | 103.4 | 57.8  | 71.4  | 70.4  | 73.1  | 64.6  |      | 75.7  | 63.0  | 30.5  | 46.2  | 57.5  | 67.2  | 75.4  | 44.8  | 181.4 | 22.9 | 65.6  | 181           | 23            |
| 12:00         | 58.2  | 55.4 |      | 15.9  | 57.3  | 84.5  | 77.9  | 61.2  | 60.6  | 39.7  | 5.8   | 70.2  | 152.2 | 91.8  | 81.7  | 75.9  | 70.0  | 61.3  | 60.3  | 13.4 | 80.8  | 73.3  | 46.4  | 40.7  | 58.0  | 57.2  | 73.8  | 52.6  | 80.7  | 70.2 | 63.0  | 152           | 6             |
| 13:00         | 52.6  | 54.8 |      |       | 42.4  | 55.5  | 66.6  | 47.9  | 44.4  | 37.5  | 36.5  | 74.9  | 70.2  | 86.2  | 115.9 | 78.0  | 61.2  | 65.8  | 65.6  | 72.9 | 98.4  | 85.2  | 72.1  | 39.9  | 62.8  | 60.7  | 64.7  | 66.5  | 39.0  | 15.4 | 61.9  | 116           | 15            |
| 14:00         | 49.4  | 50.5 |      | 47.3  | 40.5  | 46.9  | 68.8  | 59.3  | 42.8  | 47.6  | 34.7  | 76.1  | 50.9  | 69.7  | 83.3  | 59.4  | 47.0  | 50.2  | 81.1  | 63.2 | 101.3 | 69.1  | 54.8  | 33.8  | 53.8  | 57.8  | 46.0  | 62.2  | 54.6  | 28.2 | 56.2  | 101           | 28            |
| 15:00         | 51.4  | 45.9 |      | 57.7  | 41.8  | 46.0  | 48.2  | 47.8  | 44.5  | 48.5  | 45.1  | 51.5  | 57.1  | 62.0  | 57.7  | 47.8  | 38.7  | 52.0  | 71.6  | 71.7 | 66.9  | 69.8  | 52.9  | 35.1  | 51.9  | 55.2  | 50.6  | 55.9  | 48.9  | 28.5 | 51.8  | 72            | 35            |
| 16:00         | 48.4  | 43.6 |      | 51.1  | 44.5  | 45.2  | 39.7  | 42.4  | 39.4  | 31.2  | 47.9  | 46.5  | 58.7  | 60.8  | 56.4  | 60.7  | 41.5  | 58.9  | 51.7  | 81.3 | 54.8  | 78.7  | 47.8  | 36.2  | 55.1  | 64.7  | 41.0  | 58.3  | 44.7  | 9.7  | 49.7  | 81            | 10            |
| 17:00         | 52.9  | 44.1 |      | 47.3  | 40.8  | 52.2  | 42.2  | 42.7  | 33.4  | 24.7  | 56.4  | 48.2  | 50.4  | 50.7  | 66.6  | 70.9  | 49.6  | 54.5  | 49.0  | 59.5 | 65.2  | 70.7  | 43.6  | 38.1  | 57.3  | 10.0  | 44.4  | 59.4  | 104.8 | 32.9 | 50.4  | 105           | 10            |
| 18:00         | 54.2  | 41.3 |      | 59.7  | 56.1  | 63.3  | 56.5  | 54.8  | 43.6  | 24.2  | 56.4  | 60.6  | 52.0  | 64.3  | 71.0  | 65.8  | 50.8  | 52.1  | 54.1  | 66.6 | 74.0  | 94.1  | 53.3  | 41.9  | 68.5  | 46.2  | 74.6  | 88.7  | 136.9 | 49.9 | 61.2  | 137           | 24            |
| 19:00         | 48.6  | 47.9 |      | 67.8  | 51.0  | 112.7 | 74.0  | 66.3  | 67.2  | 46.7  | 58.3  | 70.1  | 75.8  | 113.8 | 77.7  | 62.1  | 45.0  | 70.0  | 77.8  | 61.9 | 92.9  | 79.8  | 58.8  | 53.2  | 68.1  | 89.0  | 111.2 | 63.1  | 60.9  | 79.3 | 70.7  | 114           | 45            |
| 20:00         | 41.8  | 44.8 |      | 105.6 | 48.6  | 98.9  | 87.3  | 99.0  | 65.4  | 66.6  | 74.2  | 90.1  | 95.4  | 147.4 | 95.8  | 59.2  | 46.0  | 101.4 |       | 68.0 | 125.5 | 129.8 | 84.9  | 84.3  | 73.4  | 150.8 | 145.8 | 84.1  | 72.4  | 86.7 | 88.3  | 151           | 42            |
| 21:00         | 39.7  | 40.2 |      | 76.1  | 58.3  | 81.5  | 86.2  | 136.7 | 132.0 | 79.5  | 84.9  | 109.7 | 86.3  | 170.3 | 110.1 | 68.5  | 50.9  | 133.8 |       | 88.1 | 133.2 | 130.2 | 84.2  | 103.8 | 104.6 | 131.2 | 138.9 | 94.9  | 116.1 | 86.8 | 98.4  | 170           | 40            |
| 22:00         | 47.9  | 60.4 |      | 57.5  | 65.2  | 102.2 | 58.5  | 171.4 | 125.4 | 97.5  | 69.2  | 206.6 | 149.9 | 118.9 | 217.4 | 106.0 | 67.1  | 168.3 |       | 78.2 | 148.1 | 90.2  | 99.2  | 106.4 | 136.9 | 170.8 | 100.7 | 122.6 | 121.8 | 67.5 | 111.8 | 217           | 48            |
| 23:00         | 46.7  | 90.1 |      | 53.4  | 102.7 | 134.8 | 49.2  | 178.5 | 112.0 | 87.1  | 89.7  | 208.8 | 151.5 | 108.0 | 252.6 | 159.9 | 69.1  | 154.5 |       | 83.0 | 99.2  | 70.8  | 111.7 | 72.3  | 120.9 | 157.6 | 81.6  | 131.4 | 153.4 | 55.8 | 113.8 | 253           | 47            |
| 00:00         | 51.3  | 69.1 |      | 49.2  | 94.9  | 83.9  | 41.6  | 117.6 | 101.9 | 73.1  | 156.1 | 151.1 | 150.3 | 118.7 | 128.8 | 188.3 | 64.5  | 142.0 |       | 83.8 | 59.3  | 49.7  | 107.7 | 53.8  | 69.8  | 126.8 | 52.0  | 48.9  | 80.3  | 50.3 | 91.6  | 188           | 42            |
| Prom.         | 65    | 55   | 58   | 57    | 59    | 82    | 63    | 77    | 73    | 59    | 67    | 100   | 90    | 99    | 98    | 84    | 61    | 84    | 77    | 69   | 88    | 82    | 68    | 64    | 74    | 86    | 81    | 72    | 88    | 44   |       |               |               |
| Conc.<br>Max. | 123   | 90   | 85   | 106   | 117   | 210   | 148   | 178   | 163   | 117   | 202   | 264   | 183   | 233   | 253   | 198   | 129   | 190   | 184   | 88   | 207   | 224   | 200   | 152   | 186   | 206   | 193   | 178   | 222   | 87   |       |               |               |
| Conc.<br>Min. | 40    | 36   | 42   | 16    | 24    | 29    | 23    | 33    | 33    | 24    | 6     | 41    | 34    | 37    | 35    | 44    | 39    | 41    | 36    | 13   | 55    | 29    | 4     | 34    | 40    | 10    | 33    | 29    | 26    | 10   |       |               |               |

Observaciones : Corte de Luz (\*), Mantenimiento (\*\*), Calibracion (\*\*\*) y Otros (\*\*\*\*)  
 Reporta: Ing. Marcia Vargas Palacios

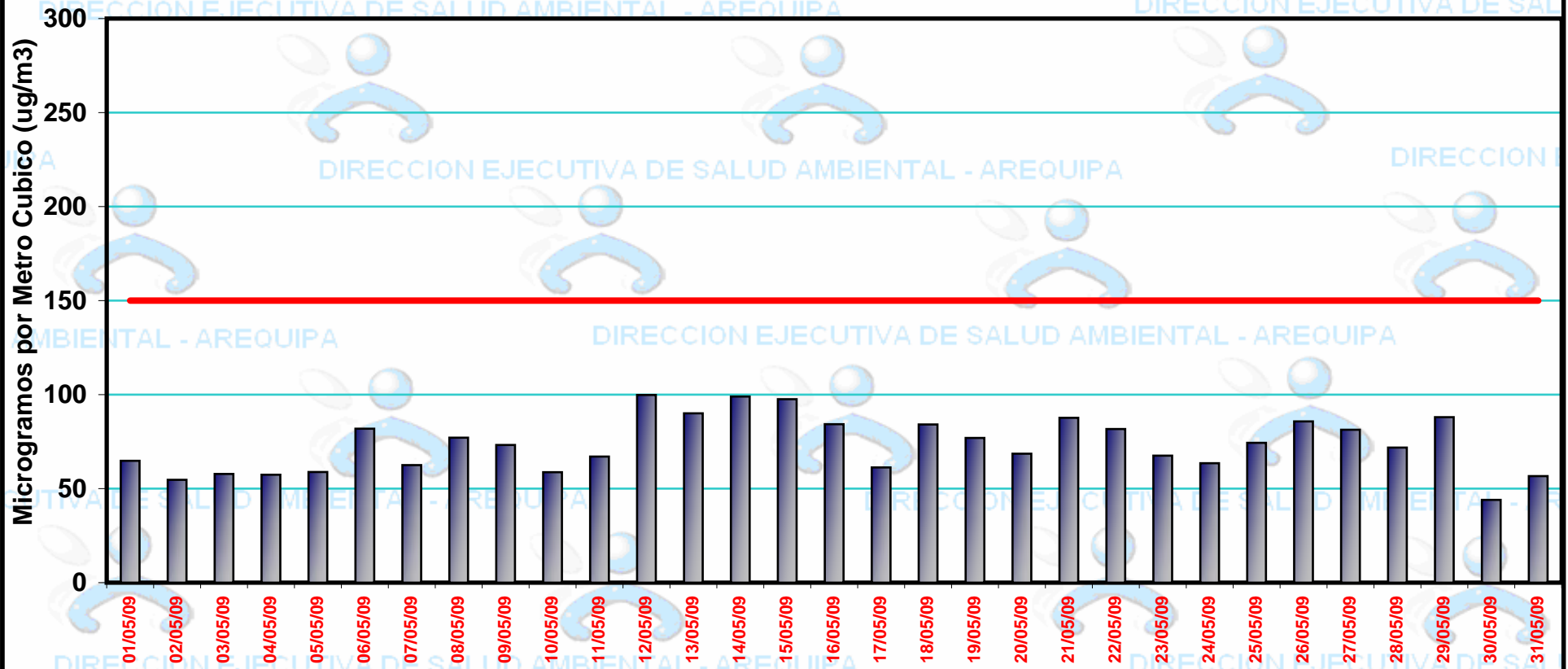
**PARTICULAS MENORES A 10 MICRONES (PM10)**  
**PROMEDIO HORARIO**  
**MES DE MAYO- 2009**  
**ESTACION UNSA - AREQUIPA**



E.C.A. (ESTANDAR DE CALIDAD DE AIRE)  
 SEGÚN DECRETO SUPREMO Nº 074 - 2001 - PCM  
 EQUIPO RUPPERCHT & PATASHINICK - TEOM 1400 A  
 (METODO MICRO BALANZA OSCILATORIA)  
 REPORTA ING. VICTOR ESCOBEDO R.

 **PROMEDIO 1 HORA**
 **E.C.A. 24 HORAS**

**PARTICULAS MENORES A 10 MICRONES (PM<sub>10</sub>)  
PROMEDIO 24 HORAS  
MES DE MAYO --2009  
ESTACION UNSA - AREQUIPA**



E.C.A. (ESTANDAR DE CALIDAD DE AIRE)  
SEGÚN DECRETO SUPREMO Nº 074 - 2001 - PCM  
EQUIPO RUPPERCHT & PATASHINICK - TEOM 1400 A  
(METODO MICRO BALANZA OSCILATORIA)  
REPORTA ING. VICTOR ESCOBEDO R.



TABLA N° 04 : HOJA DE DATOS - DIOXIDO DE NITROGENO (NO2)

Ciudad : Arequipa  
 Nombre/Numero de la Estacion : ELP-01  
 Ubicación : Av. Venezuela (U.N.S.A. Arsa Ingenierías E. SENAMHI)  
 Metodo de Muestreo y Analisis : Quimiluminiscencia (Metodo Automatico)  
 Equipo de Muestreo : Analizador de NOX  
 Codigo de equipo : 948 -040120000  
 Ultima Calibracion del Equipo :  
 ECA : 200 µg/m3

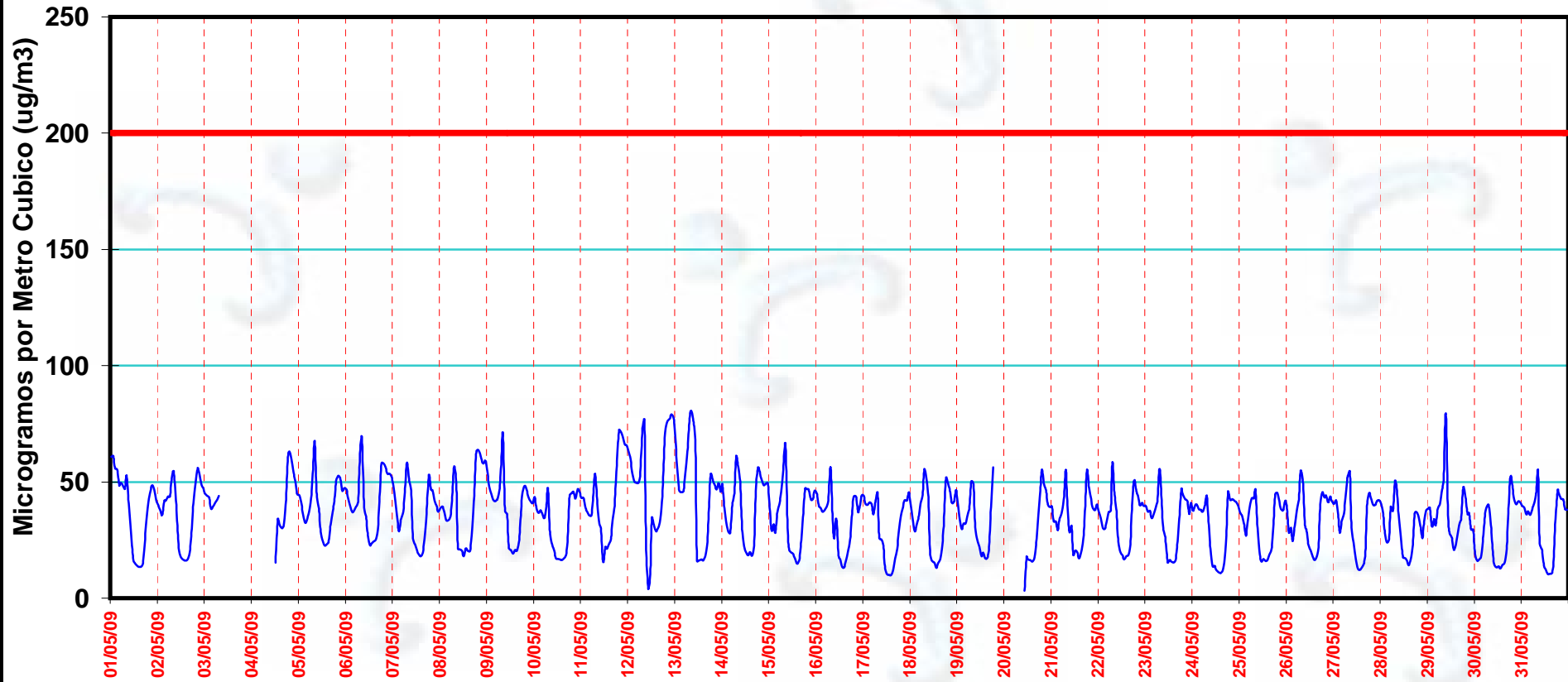
Mes : MAYO  
 Año : 2009  
 Semana Epidemiologica : 18-23  
 Operador : Ing. Victor Escobedo Romero  
 Responsable : Ing. Yuri Isasi Rosas  
 Tipo de Data : DESA - AREQUIPA  
 Unidades : Horario  
 Limite de Deteccion : µg/m3  
 : --- µg/m3

| DIA<br>HORA   | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Prom. | Conc.<br>Max. | Conc.<br>Min. |
|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|---------------|---------------|
| 01:00         | 61 | 40 | 45 |    | 44 | 47 | 49 | 39 | 54 | 44 | 43 | 63 | 67 | 49 | 40 | 45 | 44 | 41 | 41 |    | 39 | 37 | 40 | 38 | 37 | 40 | 40 | 40 | 38 | 19 | 40 | 44    | 67            | 19            |
| 02:00         | 61 | 38 | 44 |    | 41 | 43 | 42 | 39 | 48 | 39 | 43 | 60 | 55 | 39 | 29 | 40 | 41 | 34 | 34 |    | 33 | 34 | 37 | 40 | 36 | 28 | 42 | 36 | 39 | 16 | 39 | 40    | 61            | 16            |
| 03:00         | 56 | 36 | 43 |    | 36 | 39 | 34 | 37 | 45 | 37 | 39 | 54 | 46 | 32 | 32 | 39 | 40 | 29 | 30 |    | 33 | 30 | 38 | 40 | 32 | 30 | 36 | 28 | 31 | 17 | 36 | 36    | 56            | 17            |
| 04:00         | 55 | 42 | 39 |    | 32 | 37 | 29 | 34 | 42 | 38 | 37 | 50 | 46 | 28 | 28 | 37 | 41 | 32 | 32 |    | 29 | 30 | 34 | 38 | 27 | 25 | 28 | 24 | 34 | 17 | 37 | 35    | 55            | 17            |
| 05:00         | 49 | 42 | 39 |    | 34 | 38 | 34 | 33 | 42 | 37 | 36 | 50 | 46 | 28 | 37 | 38 | 40 | 34 | 32 |    | 34 | 33 | 36 | 38 | 33 | 31 | 34 | 25 | 31 | 24 | 36 | 36    | 50            | 24            |
| 06:00         | 50 | 44 | 41 |    | 37 | 39 | 37 | 35 | 42 | 34 | 35 | 49 | 54 | 40 | 41 | 39 | 36 | 41 | 36 |    | 36 | 37 | 39 | 37 | 39 | 38 | 37 | 39 | 38 | 37 | 38 | 40    | 54            | 34            |
| 07:00         | 48 | 44 | 42 |    | 43 | 42 | 46 | 42 | 46 | 40 | 42 | 52 | 63 | 46 | 46 | 42 | 41 | 44 | 38 |    | 42 | 38 | 41 | 40 | 43 | 43 | 44 | 38 | 40 | 40 | 40 | 43    | 63            | 38            |
| 08:00         | 47 | 52 | 44 |    | 57 | 61 | 58 | 57 | 59 | 47 | 53 | 73 | 77 | 61 | 55 | 56 | 45 | 55 | 50 |    | 55 | 59 | 56 | 44 | 43 | 55 | 52 | 50 | 47 | 40 | 44 | 54    | 77            | 40            |
| 09:00         | 53 | 54 |    |    | 67 | 69 | 50 | 49 | 71 | 28 | 40 | 76 | 81 | 56 | 66 | 34 | 26 | 51 | 49 |    | 40 | 45 | 40 | 35 | 47 | 51 | 54 | 49 | 51 | 31 | 55 | 51    | 81            | 26            |
| 10:00         | 41 | 42 |    |    | 44 | 39 | 46 | 21 | 37 | 23 | 32 | 24 | 77 | 49 | 30 | 26 | 25 | 42 | 31 |    | 28 | 36 | 30 | 21 | 30 | 31 | 30 | 36 | 79 | 19 | 24 | 36    | 79            | 19            |
| 11:00         | 29 | 26 |    |    | 39 | 35 | 26 | 21 | 36 | 20 | 30 | 4  | 68 | 31 | 21 | 34 | 23 | 19 | 25 | 3  | 31 | 24 | 26 | 14 | 19 | 30 | 24 | 27 | 36 | 14 | 21 | 26    | 68            | 3             |
| 12:00         | 17 | 19 |    |    | 29 | 27 | 23 | 20 | 21 | 17 | 16 | 10 | 16 | 22 | 20 | 18 | 13 | 16 | 22 | 18 | 19 | 20 | 16 | 14 | 16 | 23 | 17 | 17 | 28 | 13 | 14 | 19    | 29            | 10            |
| 13:00         | 15 | 17 |    | 15 | 25 | 23 | 20 | 18 | 21 | 17 | 22 | 34 | 16 | 20 | 19 | 17 | 10 | 15 | 18 | 17 | 20 | 19 | 16 | 12 | 17 | 21 | 13 | 17 | 26 | 14 | 12 | 18    | 34            | 10            |
| 14:00         | 14 | 16 |    | 34 | 23 | 24 | 19 | 21 | 19 | 17 | 21 | 31 | 17 | 19 | 17 | 14 | 10 | 13 | 20 | 17 | 20 | 17 | 16 | 11 | 16 | 19 | 12 | 16 | 21 | 13 | 11 | 18    | 34            | 10            |
| 15:00         | 13 | 16 |    | 31 | 23 | 24 | 18 | 20 | 21 | 16 | 23 | 29 | 16 | 20 | 15 | 13 | 10 | 15 | 17 | 16 | 17 | 18 | 15 | 11 | 16 | 17 | 13 | 14 | 22 | 14 | 10 | 18    | 31            | 10            |
| 16:00         | 13 | 17 |    | 30 | 24 | 25 | 20 | 20 | 20 | 17 | 26 | 30 | 18 | 18 | 16 | 16 | 12 | 17 | 17 | 17 | 20 | 18 | 16 | 11 | 19 | 18 | 14 | 16 | 27 | 15 | 11 | 19    | 30            | 11            |
| 17:00         | 14 | 19 |    | 31 | 32 | 29 | 26 | 27 | 24 | 18 | 34 | 33 | 22 | 23 | 22 | 20 | 17 | 23 | 20 | 23 | 25 | 23 | 22 | 15 | 21 | 22 | 18 | 22 | 32 | 21 | 14 | 23    | 34            | 14            |
| 18:00         | 23 | 27 |    | 40 | 37 | 42 | 36 | 42 | 37 | 24 | 41 | 42 | 41 | 46 | 35 | 25 | 21 | 33 | 39 | 35 | 42 | 40 | 34 | 27 | 32 | 40 | 42 | 36 | 34 | 36 | 34 | 35    | 46            | 21            |
| 19:00         | 33 | 41 |    | 61 | 42 | 58 | 53 | 62 | 46 | 44 | 59 | 62 | 53 | 56 | 47 | 37 | 29 | 52 | 56 | 46 | 55 | 51 | 47 | 46 | 45 | 45 | 45 | 37 | 47 | 52 | 47 | 49    | 62            | 29            |
| 20:00         | 41 | 50 |    | 63 | 51 | 58 | 47 | 64 | 48 | 45 | 72 | 73 | 51 | 54 | 47 | 44 | 36 | 49 |    | 55 | 47 | 46 | 44 | 42 | 45 | 43 | 43 | 36 | 43 | 48 | 45 | 49    | 73            | 36            |
| 21:00         | 46 | 56 |    | 60 | 53 | 56 | 46 | 63 | 46 | 46 | 72 | 76 | 49 | 51 | 47 | 44 | 39 | 47 |    | 49 | 43 | 44 | 43 | 43 | 42 | 44 | 40 | 31 | 36 | 42 | 43 | 48    | 76            | 31            |
| 22:00         | 49 | 54 |    | 54 | 52 | 54 | 42 | 60 | 44 | 43 | 69 | 77 | 47 | 48 | 42 | 37 | 42 | 41 |    | 46 | 39 | 40 | 42 | 42 | 38 | 41 | 40 | 26 | 37 | 40 | 42 | 46    | 77            | 26            |
| 23:00         | 47 | 49 |    | 51 | 46 | 53 | 40 | 58 | 42 | 47 | 66 | 79 | 49 | 49 | 43 | 39 | 42 | 41 |    | 40 | 38 | 41 | 36 | 41 | 38 | 44 | 42 | 33 | 29 | 42 | 38 | 45    | 79            | 29            |
| 00:00         | 42 | 47 |    | 45 | 48 | 52 | 37 | 59 | 41 | 45 | 66 | 78 | 46 | 50 | 46 | 44 | 46 | 46 |    | 39 | 40 | 40 | 41 | 40 | 42 | 42 | 42 | 38 | 29 | 41 | 38 | 45    | 78            | 29            |
| Prom.         | 38 | 37 | 14 | 21 | 40 | 42 | 37 | 39 | 40 | 33 | 42 | 50 | 47 | 39 | 35 | 33 | 30 | 35 | 25 | 18 | 34 | 34 | 34 | 31 | 32 | 34 | 33 | 30 | 37 | 28 | 32 |       |               |               |
| Conc.<br>Max. | 61 | 56 | 45 | 63 | 67 | 69 | 58 | 64 | 71 | 47 | 72 | 79 | 81 | 61 | 66 | 56 | 46 | 55 | 56 | 55 | 55 | 59 | 56 | 46 | 47 | 55 | 54 | 50 | 79 | 52 | 55 |       |               |               |
| Conc.<br>Min. | 13 | 16 | 39 | 15 | 23 | 23 | 18 | 18 | 19 | 16 | 16 | 4  | 16 | 18 | 15 | 13 | 10 | 13 | 17 | 3  | 17 | 17 | 15 | 11 | 16 | 17 | 12 | 14 | 21 | 13 | 10 |       |               |               |

Observaciones : Corte de Luz (\*), Mantenimiento (\*\*), Calibracion (\*\*\*) y Otros (\*\*\*\*)

Reporta: Ing. Marcia Vargas Palacios

**ESTACION UNSA - DIOXIDO DE NITROGENO (NO<sub>2</sub>)**  
**PROMEDIO DE 1 HORA**  
**MES DE MAYO - 2009**  
**AREQUIPA**



E.C.A. (ESTANDAR DE CALIDAD DE AIRE)  
SEGÚN DECRETO SUPREMO Nº 074 - 2001 - PCM  
EQUIPO TELEDYNE API - MODELO 200 E  
(METODO AUTOMATICO QUIMILUMINISCENCIA)  
REPORTADO POR ING. MARCIA VARGAS P.

— PROMEDIO  
1 HORA ug/m<sup>3</sup>

— E.C.A.  
1 HORA