Análisis Semanal Calidad del Aire de BAHÍA DE CÁDIZ

21 AL 27 DE FEBRERO DE 2021

Unidad Asociada al CSIC-Universidad de Huelva "Contaminación Atmosférica

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En los gráficos adjuntos y tabla se incluye la evolución de gases contaminantes y material particulado atmosférico en estaciones representativas de la Red de Calidad del Aire de Andalucía en BAHÍA DE CÁDIZ durante la semana del **21 AL 27 DE FEBRERO DE 2021**. Los datos no se encuentran validados, pero sirven de orientación sobre la tendencia y origen de los mencionados contaminantes.

PM10

- La máxima concentración promedio semanal de PM10 se ha registrado en Jerez-Chapín y Cartuja (32 µg/m^3).
- La mínima concentración promedio semanal se ha obtenido en CN Viento Levante (28 µg/m^3).
- Pico máximo horario de 110 µg/m^3 en La Cartuja durante el Lunes Jueves 25.
- Se ha superado el valor límite diario de 50 µg/m3 en las estaciones de Jerez-Chapín y Cartuja (dos y una respectivamente).
- Alta concentración de partículas debido a intrusión de masa de aire norteafricano en todas las estaciones de la red.

NO2

- La máxima concentración promedio semanal de NO_2 se ha sido 11 µg/m^3 en las estaciones de Jerez-Chapín.
- Pico máximo horario de 80 µg/m^3 en Avenida Marconi durante el Lunes 22.

Ozono troposférico

- Rango promedio semanal comprendido entre San Fernando (75 µg/m^3) y Jerez-Chapín (70 µg/m^3).

SO2 (µg/m3)

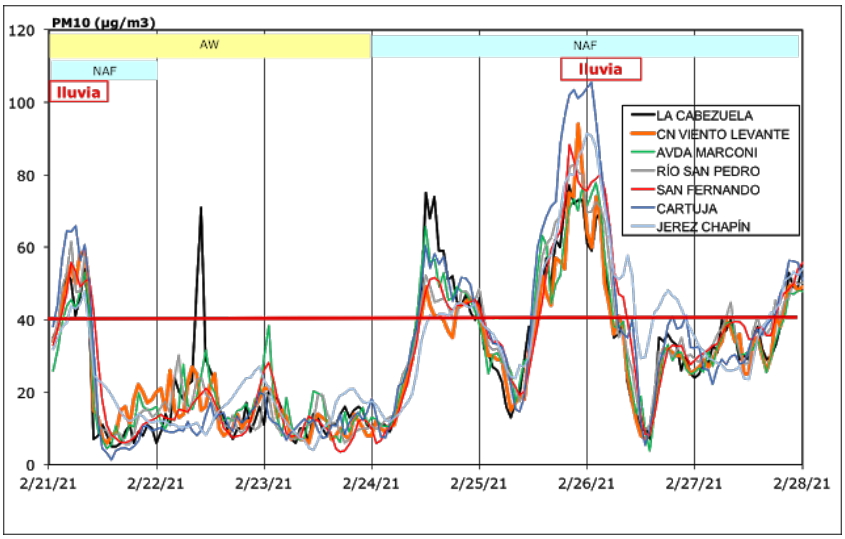
- Niveles bajos.

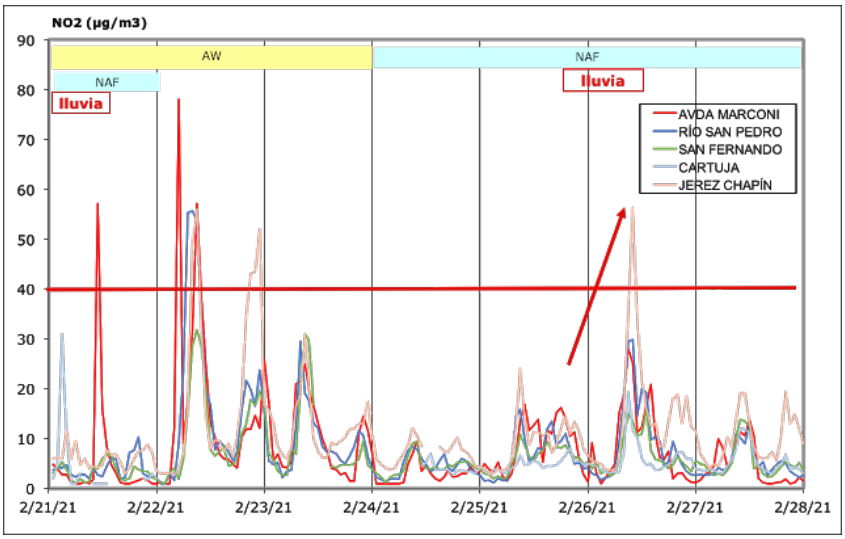
Tabla promedios semanales

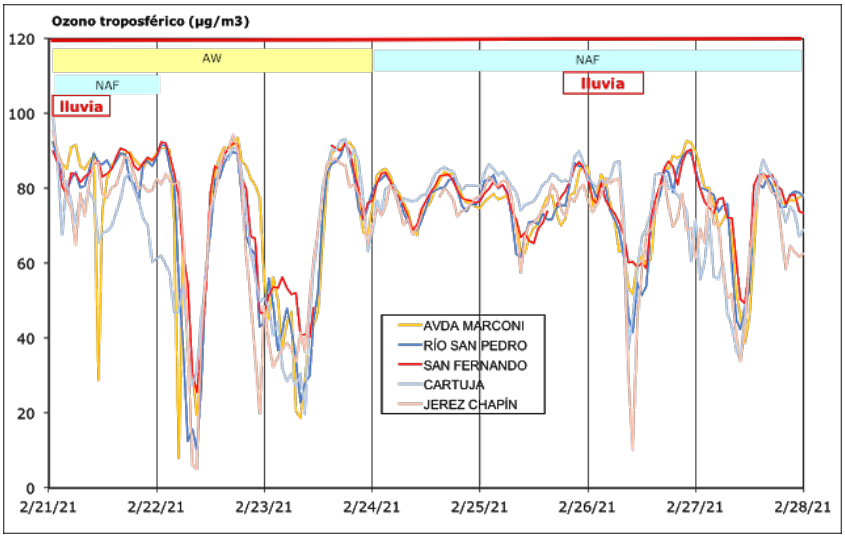
21 AL 27 DE FEBRERO DE 2021							
Estación (µg/m3)	**SO2**	**PM10**	**NO2**	**CO**	**O3**	**NO2+O3**	**PM10>VLD**
La Cabezuela		29					0
CN Viento Levante		28					0
Avda Marconi	3	29	8	510	74	82	0
Río San Pedro		30	8		73	81	0
San Fernando	3	30	7	786	75	82	0
Cartuja	1	32	5	375	71	76	1
Jerez Chapín	1	32	11	637	70	81	2
Límite horario	350 (24)		200 (18)		120 (8 horas)		
Límite diario	125 (3)	50 (35)					
Límite anual		40	40	10000			

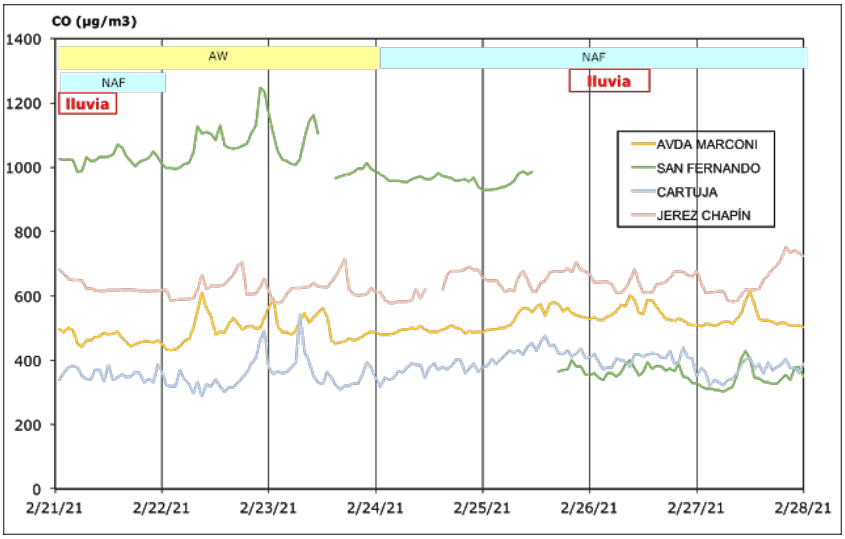
Entre paréntesis: número de veces (horario y diario) según Directiva 2008/50/CE

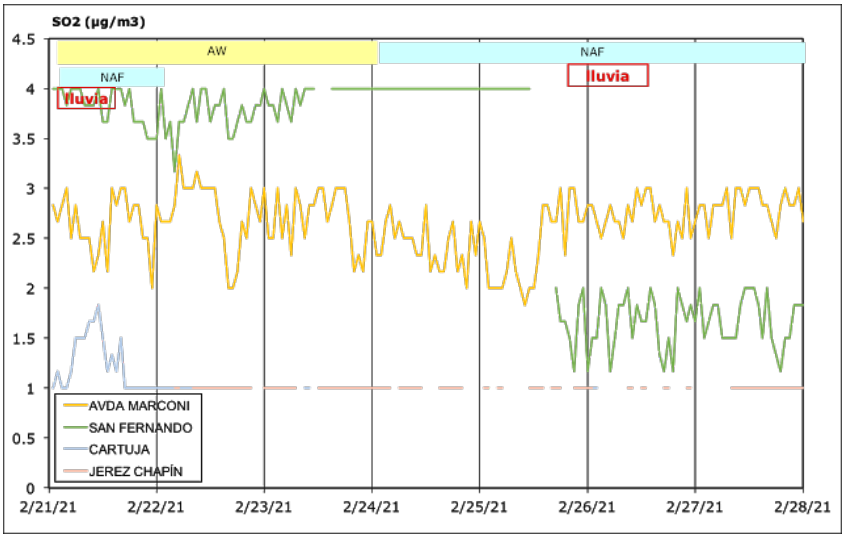
Diagramas por contaminantes

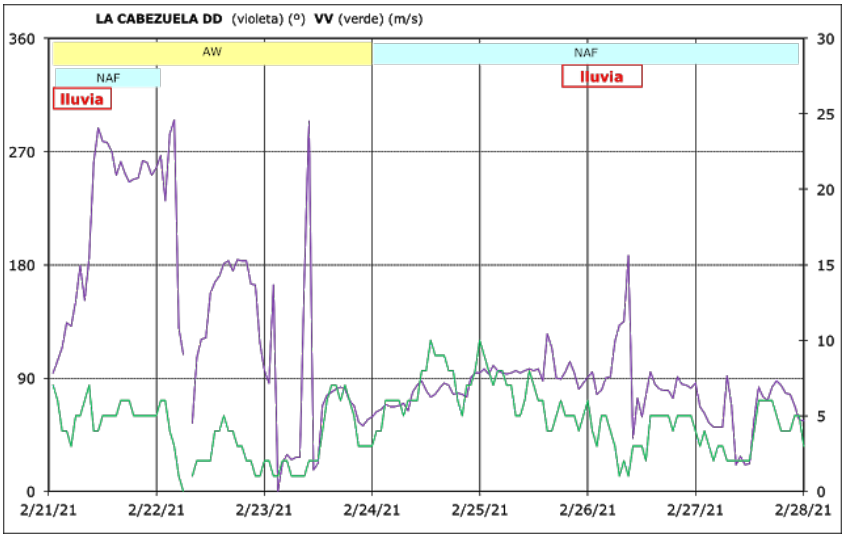


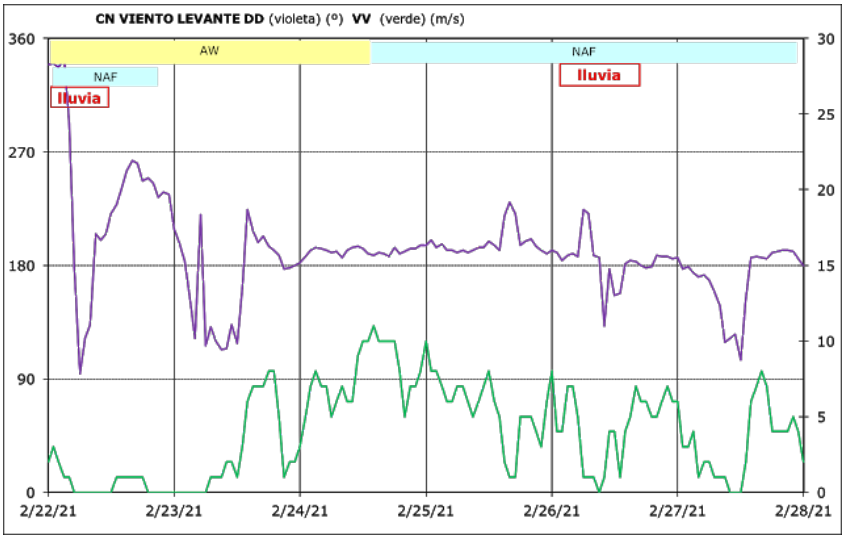



Ozono troposférico (µg/m3)
AW
NAF
NAF
lluvia
lluvia
AVDA MARCONI
RÍO SAN PEDRO
SAN FERNANDO
CARTUJA
JEREZ CHAPÍN
120
100
80
60
40
20
0
2/21/21
2/22/21
2/23/21
2/24/21
2/25/21
2/26/21
2/27/21
2/28/21

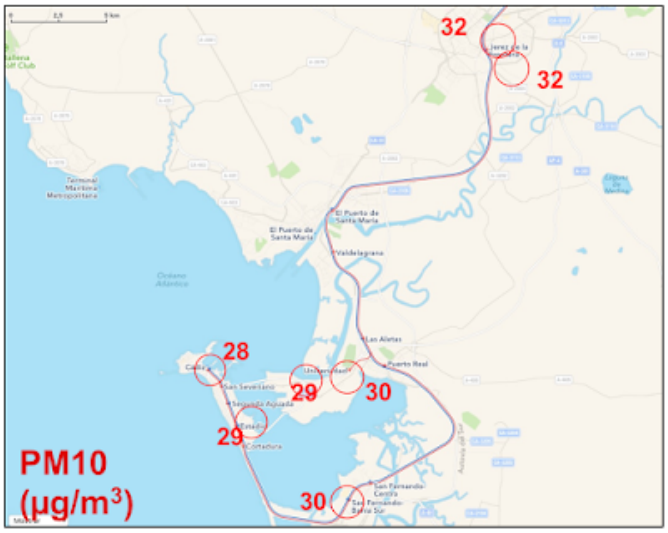

CO (µg/m3)
AW
NAF
NAF
lluvia
lluvia
AVDA MARCONI
SAN FERNANDO
CARTUJA
JEREZ CHAPÍN
1400
1200
1000
800
600
400
200
0
2/21/21
2/22/21
2/23/21
2/24/21
2/25/21
2/26/21
2/27/21
2/28/21


SO2 (µg/m3)
AW
NAF
NAF
lluvia
lluvia
AVDA MARCONI
SAN FERNANDO
CARTUJA
JEREZ CHAPÍN
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
2/21/21
2/22/21
2/23/21
2/24/21
2/25/21
2/26/21
2/27/21
2/28/21



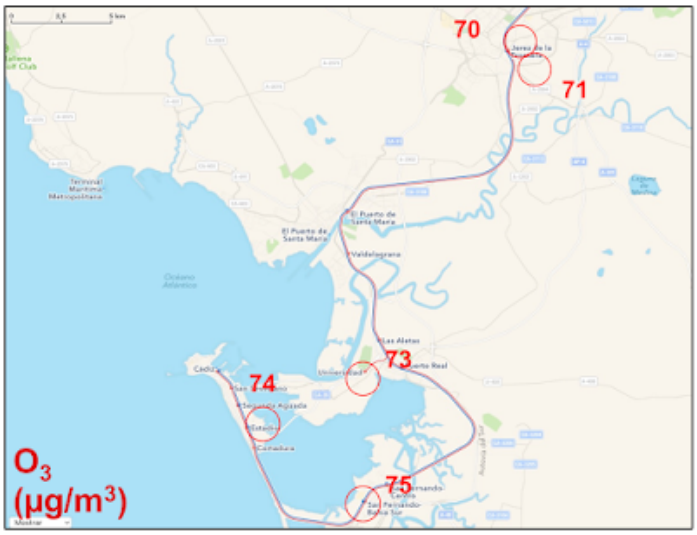


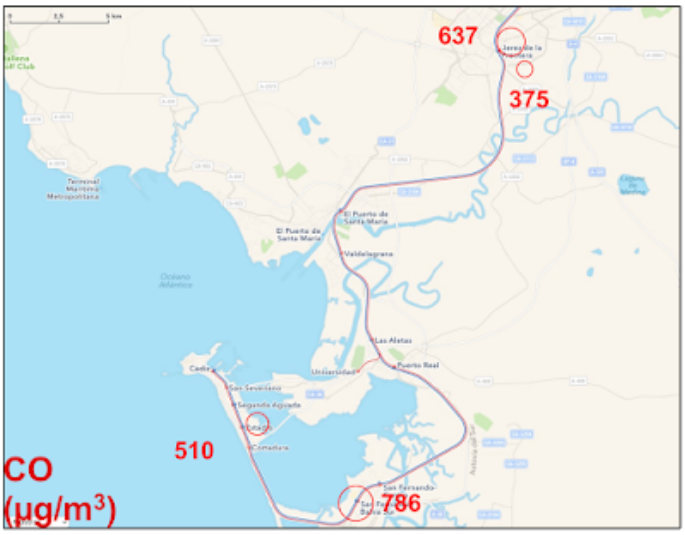
Mapas Calidad del Aire



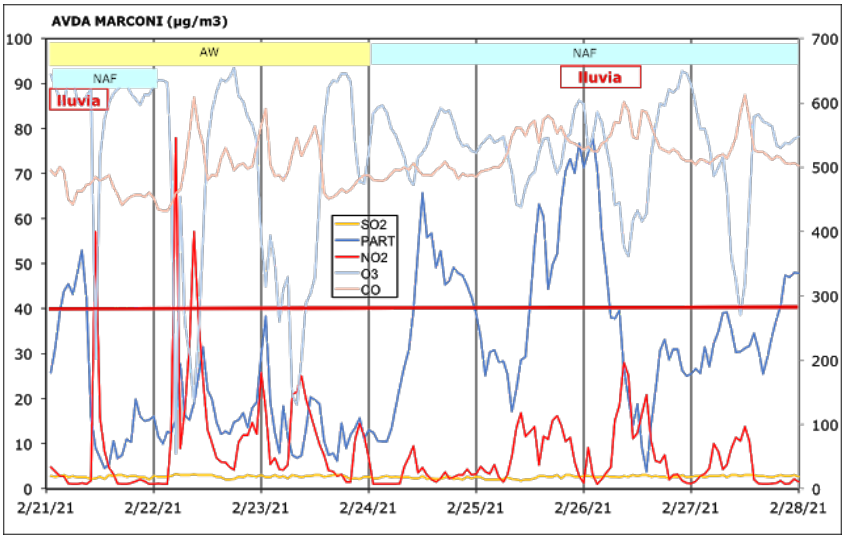
11
5
8
8
7
NO2
(µg/m3)

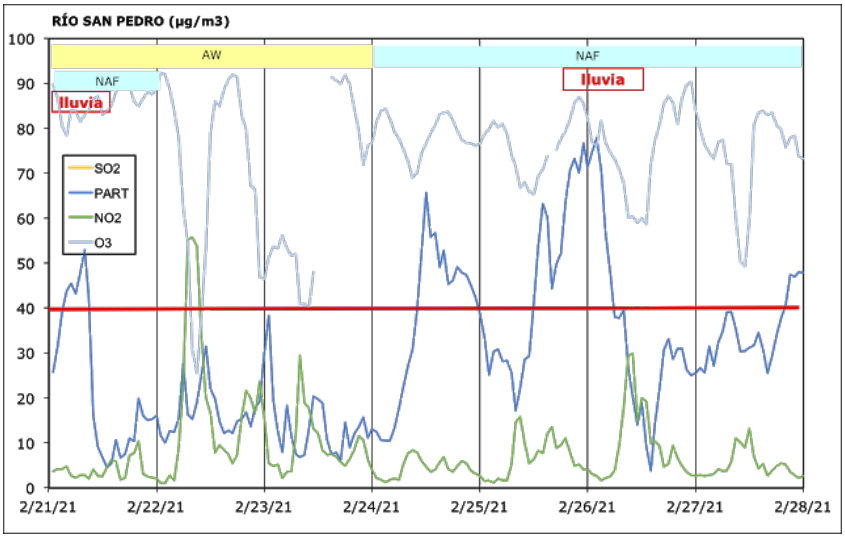
1
1
3
3
SO2
(µg/m3)

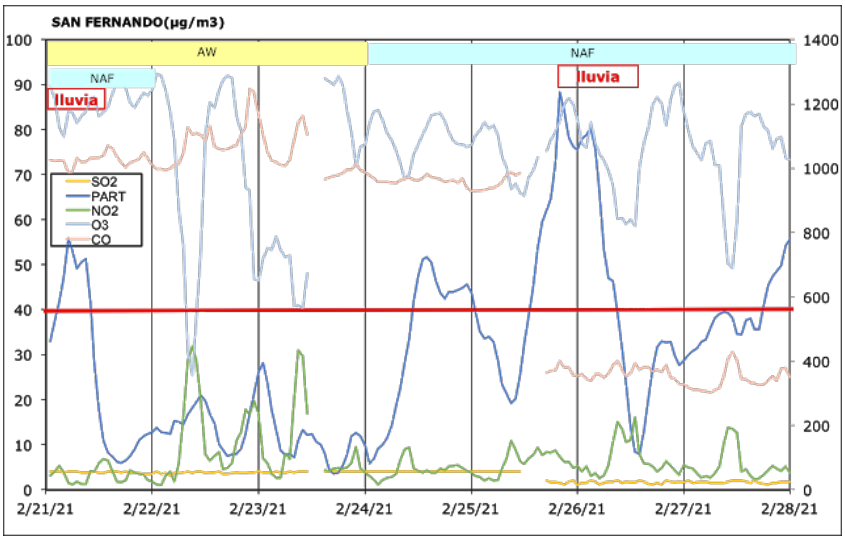

70
71
74
73
75
O3
(µg/m3)

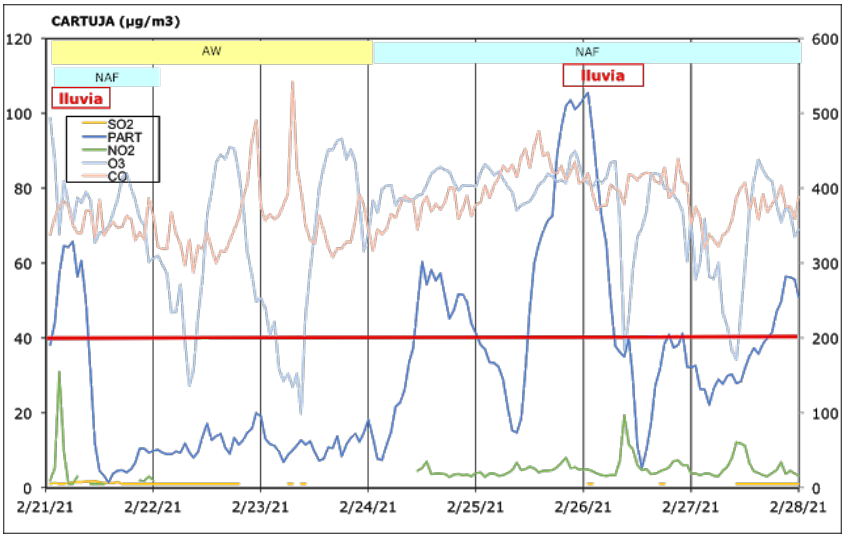


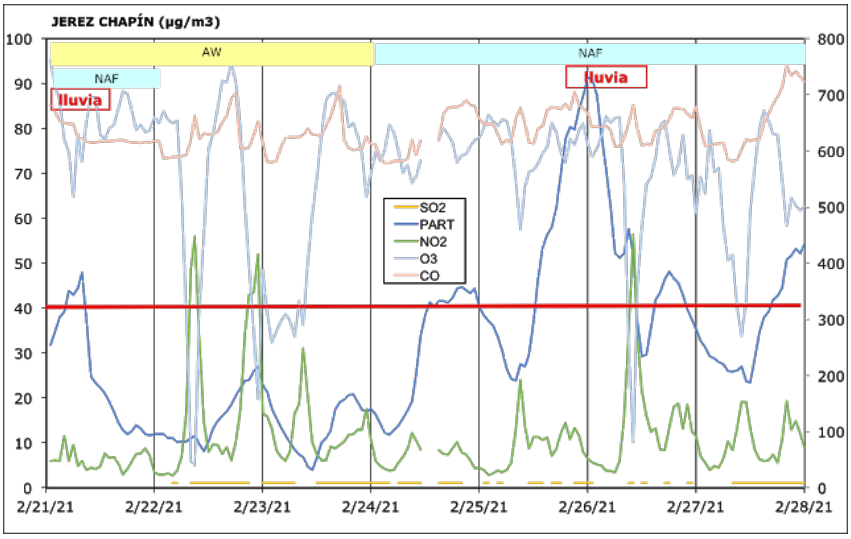
Diagramas por estaciones

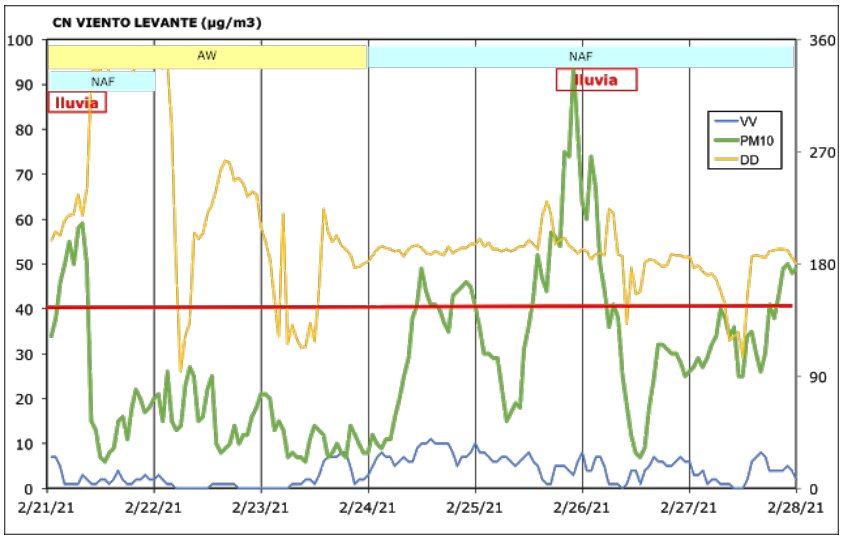


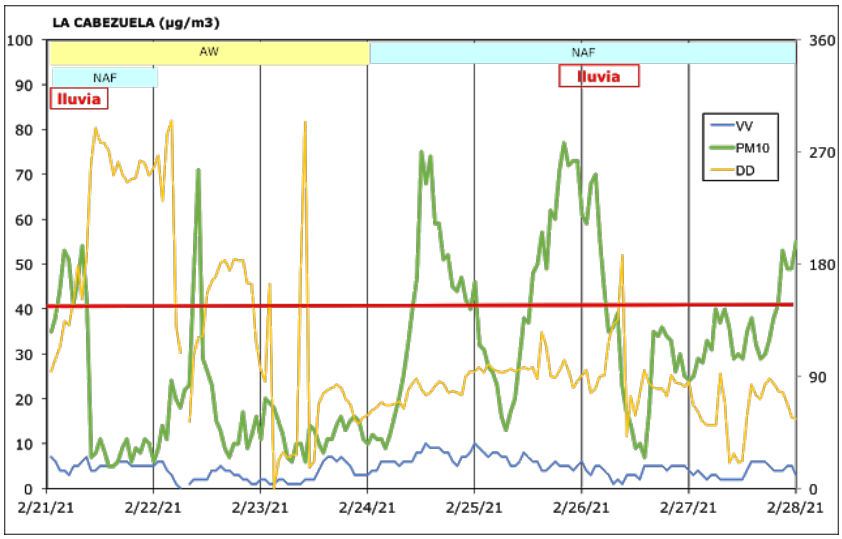

RÍO SAN PEDRO (µg/m3)
AW
NAF
NAF
lluvia
lluvia
SO2
PART
NO2
O3
100
90
80
70
60
50
40
30
20
10
0
2/21/21
2/22/21
2/23/21
2/24/21
2/25/21
2/26/21
2/27/21
2/28/21


SAN FERNANDO(µg/m3)
AW
NAF
NAF
lluvia
lluvia
SO2
PART
NO2
O3
CO
100
90
80
70
60
50
40
30
20
10
0
1400
1200
1000
800
600
400
200
0
2/21/21
2/22/21
2/23/21
2/24/21
2/25/21
2/26/21
2/27/21
2/28/21

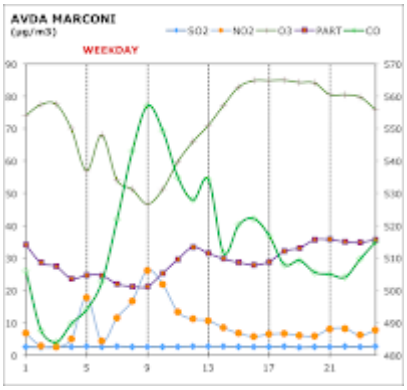

CARTUJA (µg/m3)
AW
NAF
NAF
lluvia
lluvia
SO2
PART
NO2
O3
CO
120
100
80
60
40
20
0
600
500
400
300
200
100
0
2/21/21
2/22/21
2/23/21
2/24/21
2/25/21
2/26/21
2/27/21
2/28/21

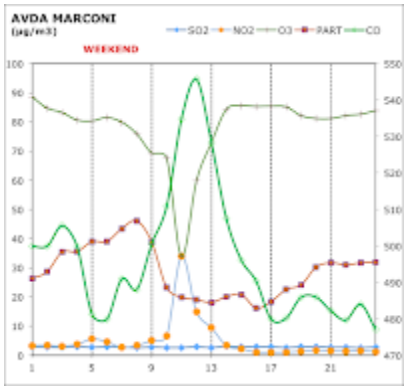

JEREZ CHAPÍN (µg/m3)
AW
NAF
NAF
lluvia
lluvia
SO2
PART
NO2
O3
CO
100
90
80
70
60
50
40
30
20
10
0
800
700
600
500
400
300
200
100
0
2/21/21
2/22/21
2/23/21
2/24/21
2/25/21
2/26/21
2/27/21
2/28/21

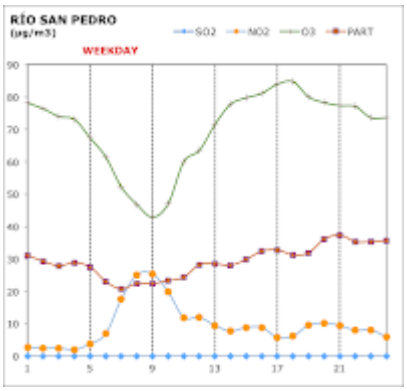

CN VIENTO LEVANTE (µg/m3)
AW
NAF
NAF
lluvia
lluvia
VV
PM10
DD
100
90
80
70
60
50
40
30
20
10
0
360
270
180
90
0
2/21/21
2/22/21
2/23/21
2/24/21
2/25/21
2/26/21
2/27/21
2/28/21

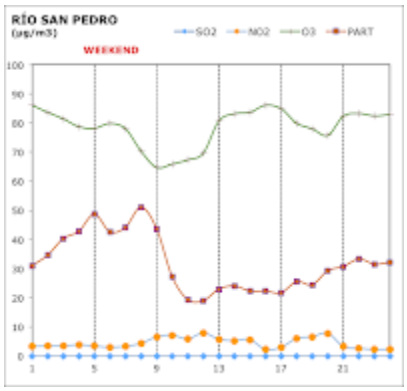

LA CABEZUELA (µg/m3)
AW
NAF
NAF
lluvia
lluvia
VV
PM10
DD
100
90
80
70
60
50
40
30
20
10
0
360
270
180
90
0
2/21/21
2/22/21
2/23/21
2/24/21
2/25/21
2/26/21
2/27/21
2/28/21

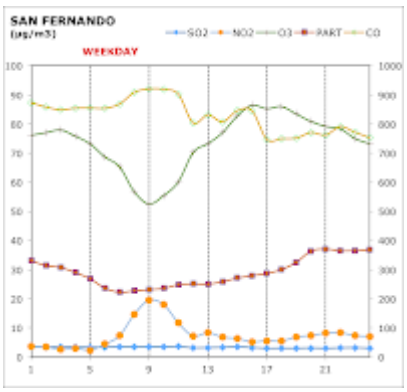
Evolución horaria en días de trabajo (weekday, L a V) y fin de semana (weekend, S-D)

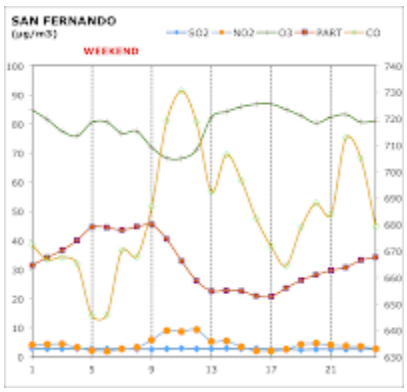


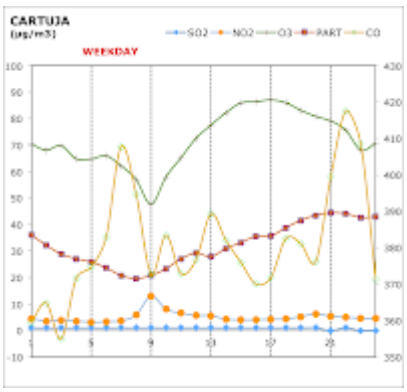


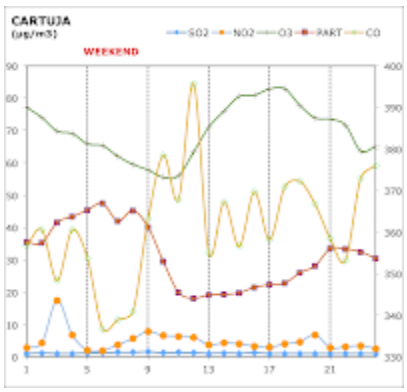


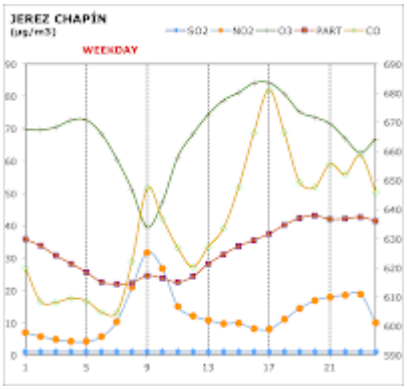


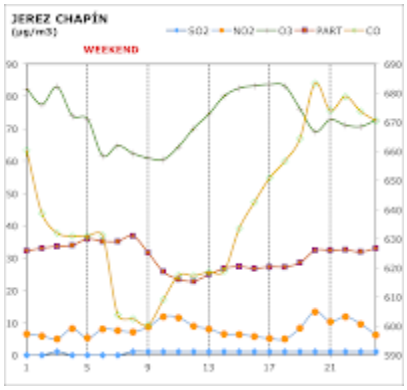


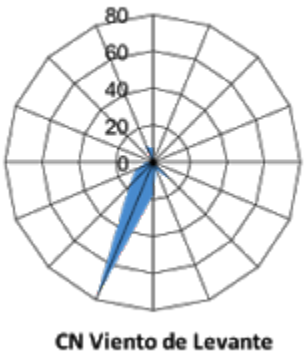




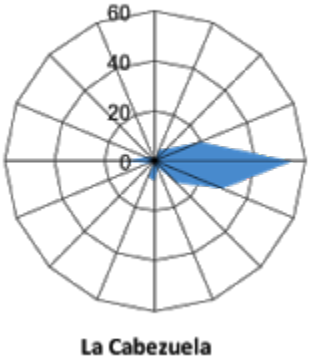








CN Viento de Levante



La Cabezuela

número de horas