Análisis Semanal Calidad del Aire de BAHÍA DE CÁDIZ

31 DE ENERO AL 6 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 **31 DE ENERO AL 6 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 CN Viento de Levante (19 µg/m^3).
- La mínima concentración promedio semanal se ha obtenido en San Fernando (6 µg/m^3).
- Pico máximo horario de 100 µg/m^3 en La Cabezuela durante el Miércoles 3.

NO_2

- La máxima concentración promedio semanal de NO_2 se ha sido 10 µg/m^3 en la mayoría de las estaciones analizadas.
- Pico máximo horario de 50 µg/m^3 en Jerez-Chapín durante el Lunes 1.

Ozono troposférico

- Rango promedio semanal comprendido entre San Fernando (41 µg/m^3) y Avenida Marconi (54 µg/m^3).
- Ascenso de niveles desde el Martes 2 a Sábado 6

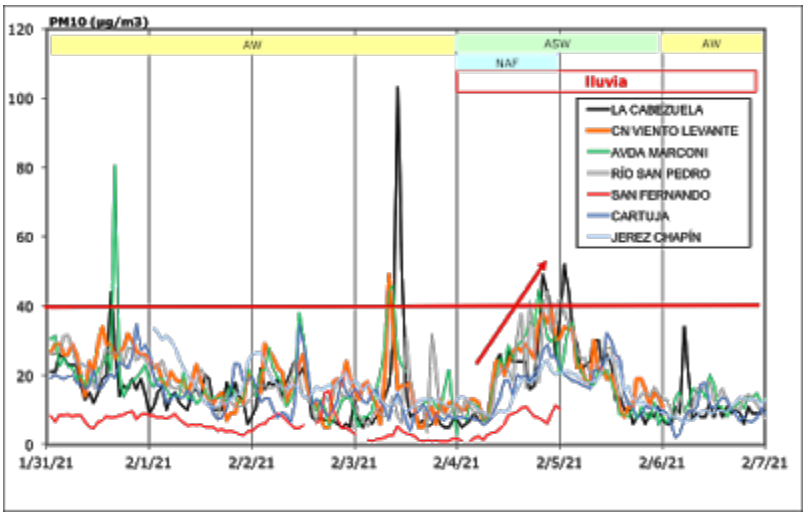
SO_2

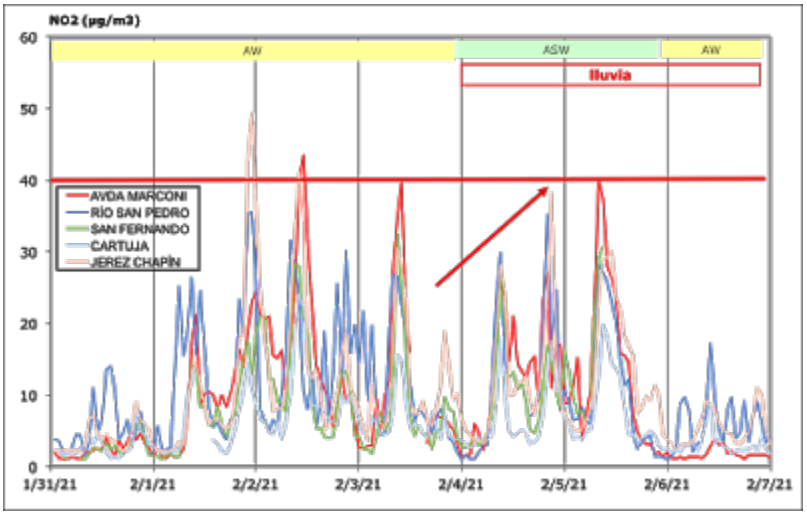
- **Niveles bajos.**

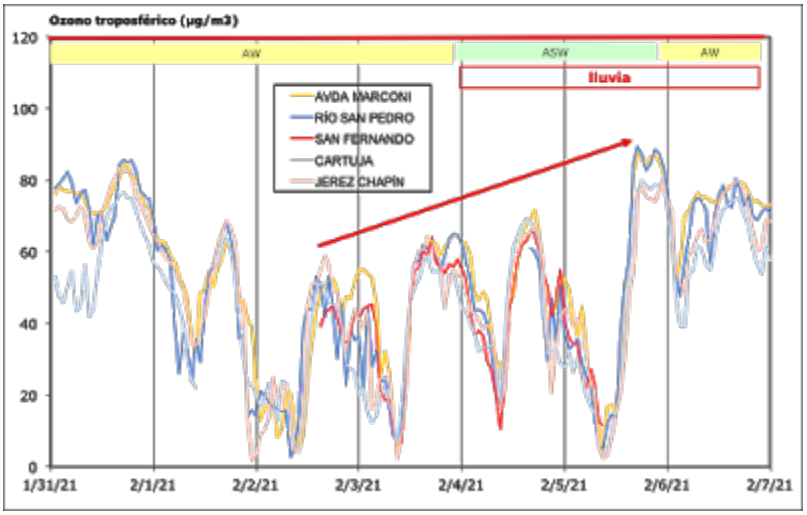
Tabla promedios semanales

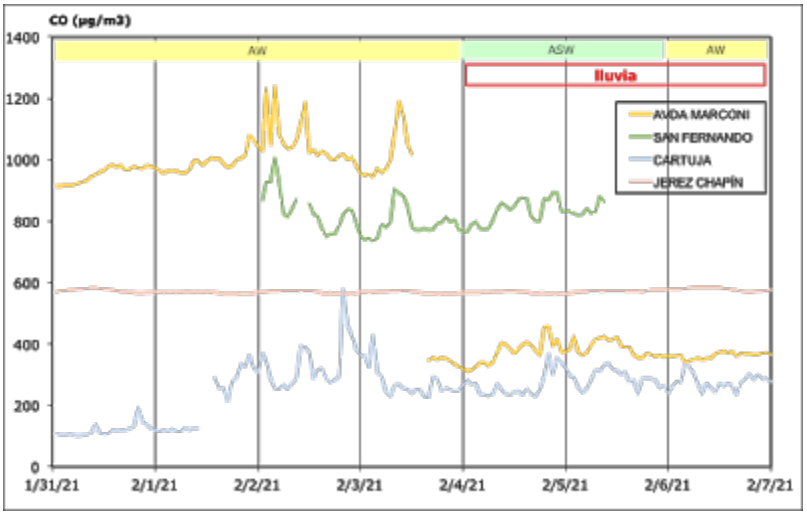
31 DE ENERO AL 6 DE FEBRERO DE 2020							
Estación (µg/m3)	**SO2**	**PM10**	**NO2**	**CO**	**O3**	**NO2+O3**	**PM10>VLD**
La Cabezuela		16					0
CN Viento Levante		19					0
Avda Marconi	3	18	10	692	54	64	0
Río San Pedro		18	10		50	61	0
San Fernando	3	6	9	822	41	50	0
Cartuja	4	15	6	253	45	51	0
Jerez Chapín	5	16	10	571	50	60	0
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							

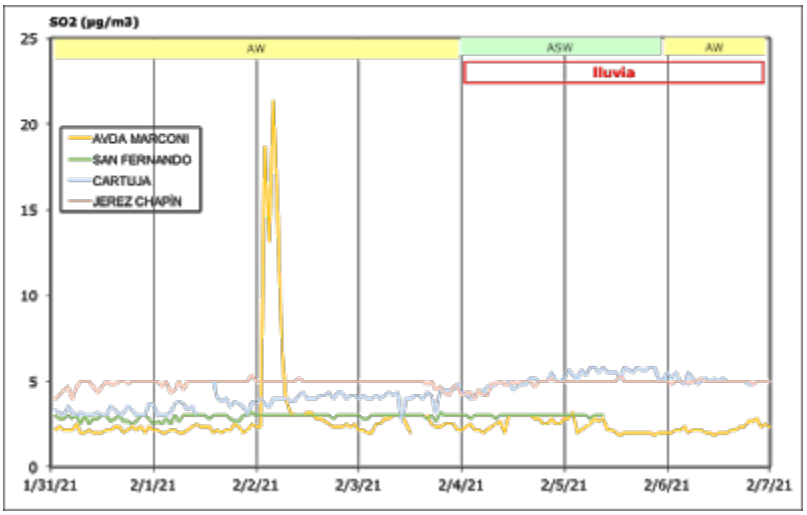
Diagramas por contaminantes

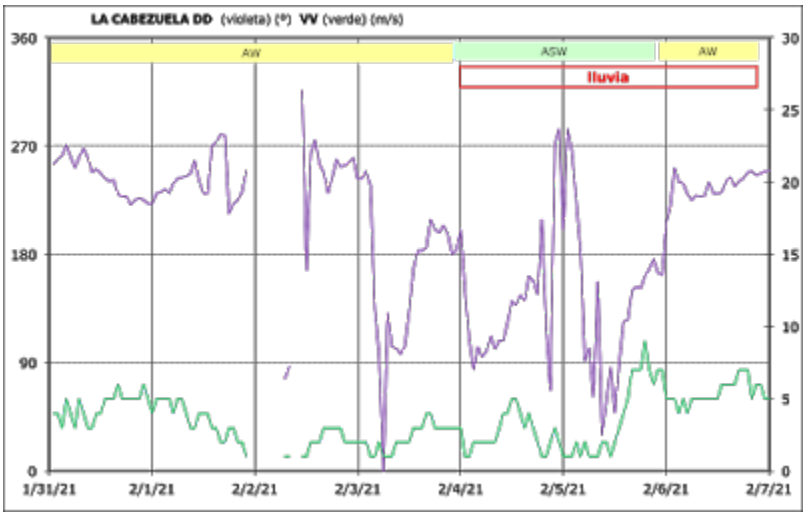


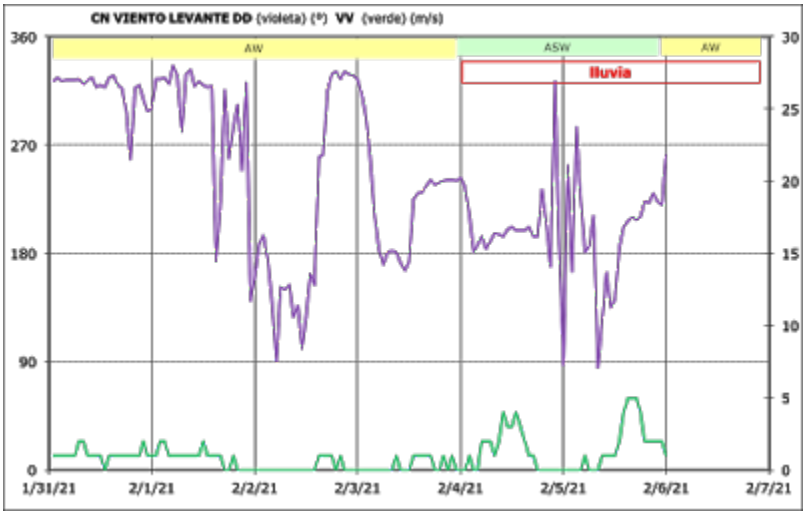




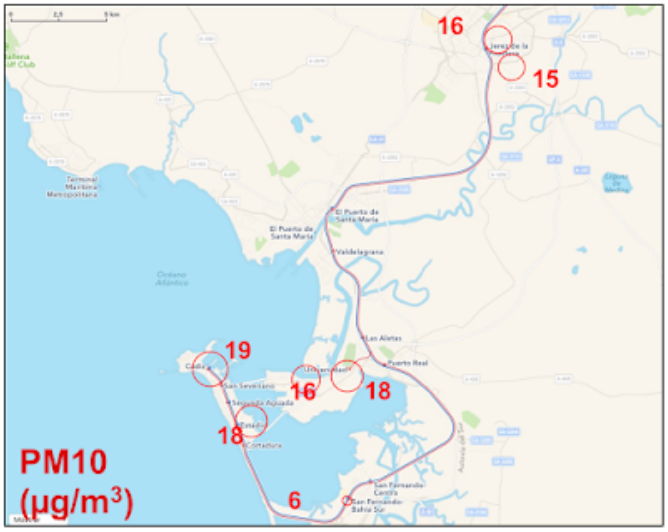

CO (µg/m3)
AW
ASW
AW
lluvia
AVDA MARCONI
SAN FERNANDO
CARTUJA
JEREZ CHAPÍN
1400
1200
1000
800
600
400
200
0
1/31/21
2/1/21
2/2/21
2/3/21
2/4/21
2/5/21
2/6/21
2/7/21

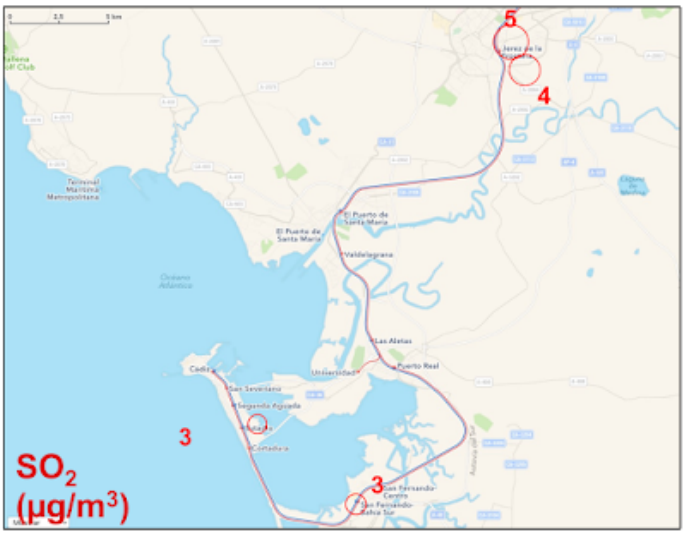

SO2 (µg/m3)
AW
ASW
AW
lluvia
AVDA MARCONI
SAN FERNANDO
CARTUJA
JEREZ CHAPÍN
25
20
15
10
5
0
1/31/21
2/1/21
2/2/21
2/3/21
2/4/21
2/5/21
2/6/21
2/7/21

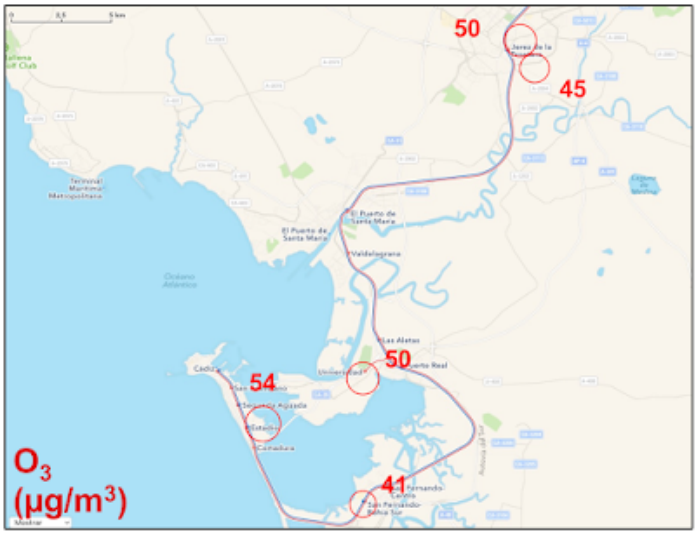

LA CABEZUELA DD (violeta) (º) VV (verde) (m/s)
AW
ASW
AW
lluvia
360
270
180
90
0
30
25
20
15
10
5
0
1/31/21
2/1/21
2/2/21
2/3/21
2/4/21
2/5/21
2/6/21
2/7/21

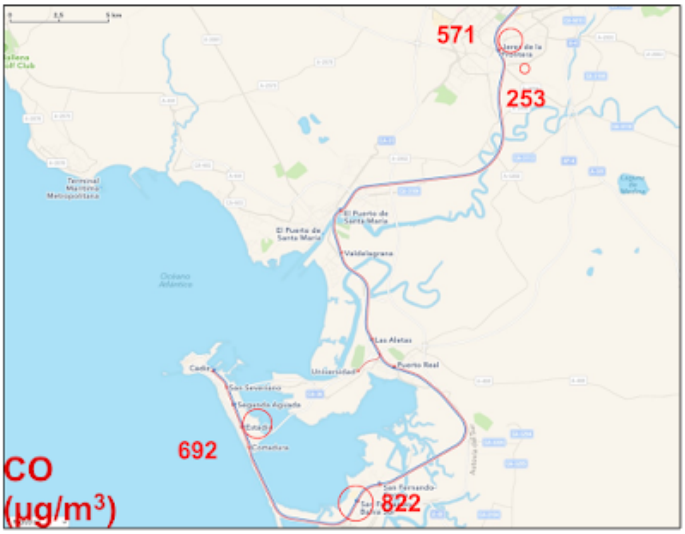


Mapas Calidad del Aire

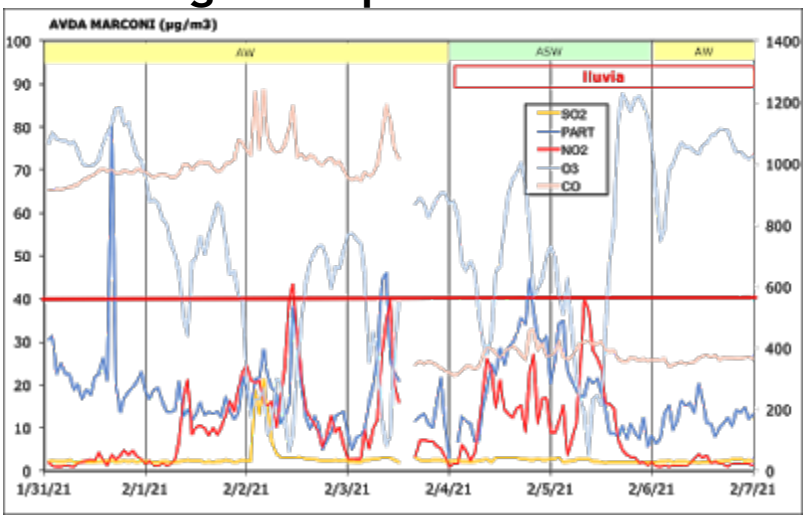


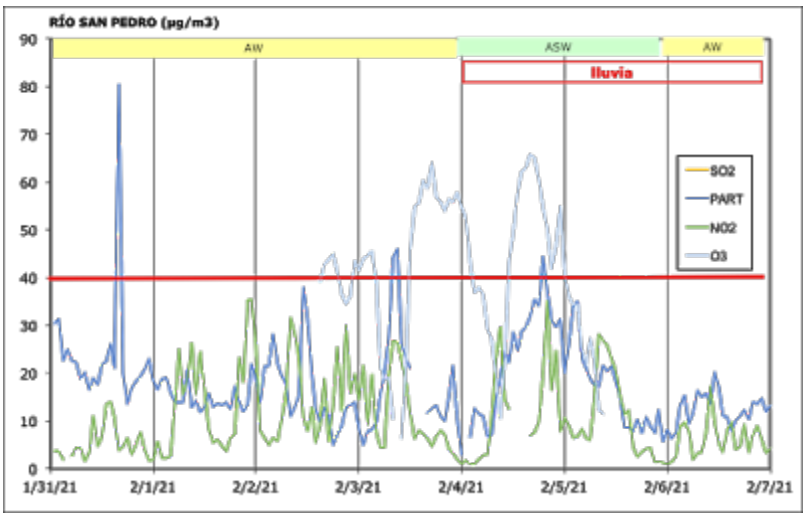

5
4
3
3
SO2
(µg/m3)

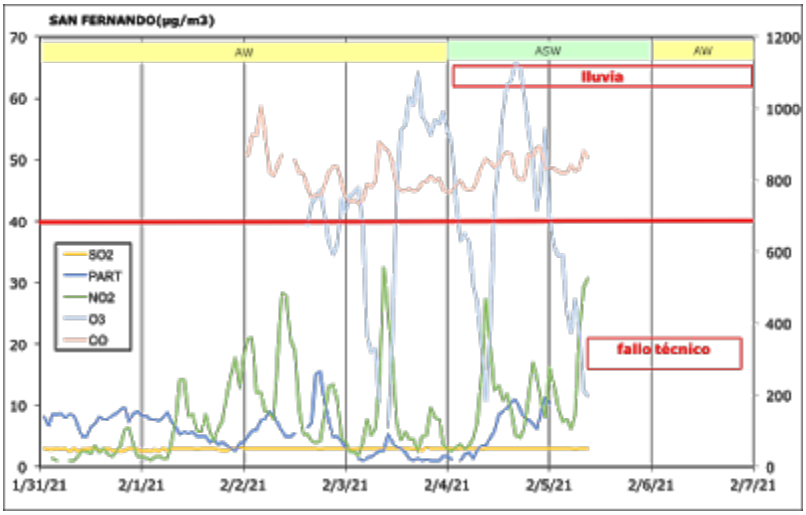

50
45
50
54
41
O3
(µg/m3)


571
253
692
822
CO
(µg/m3)

Diagramas por estaciones






SAN FERNANDO(µg/m3)
AW
ASW
AW
lluvia
fallo técnico
SO2
PART
NO2
O3
CO
70
60
50
40
30
20
10
0
1200
1000
800
600
400
200
0
1/31/21
2/1/21
2/2/21
2/3/21
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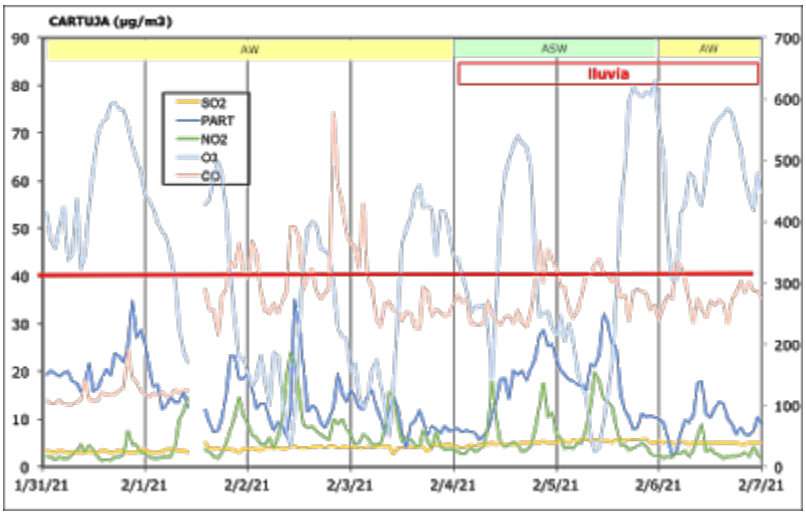
2/6/21
2/7/21


CARTUJA (µg/m3)
AW
ASW
AW
lluvia
SO2
PART
NO2
O3
CO
90
80
70
60
50
40
30
20
10
0
700
600
500
400
300
200
100
0
1/31/21
2/1/21
2/2/21
2/3/21
2/4/21
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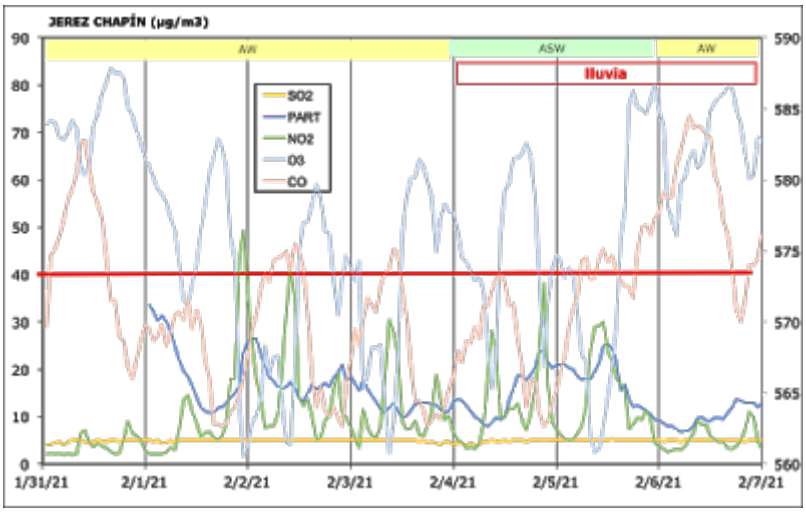
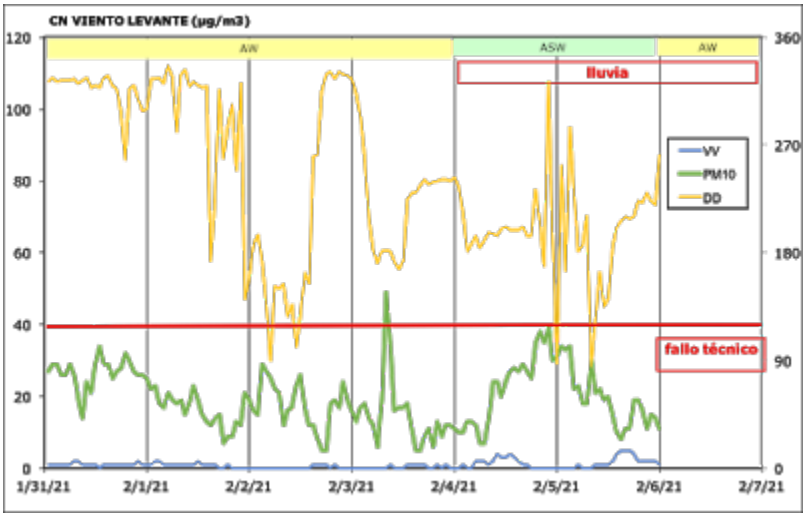
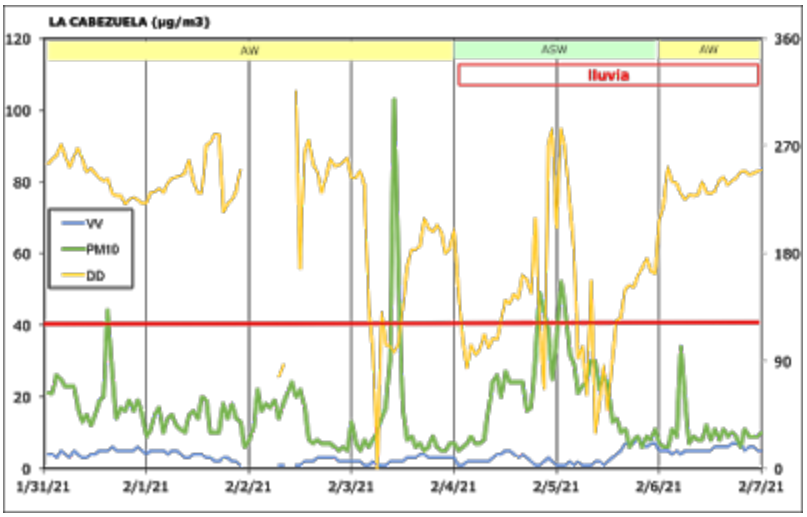
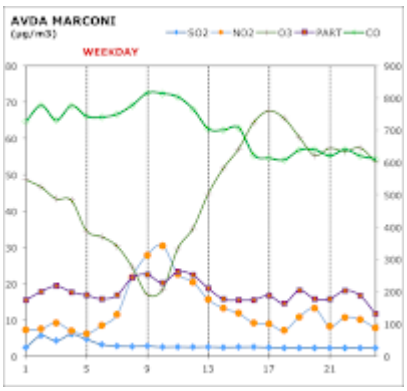
2/6/21
2/7/21

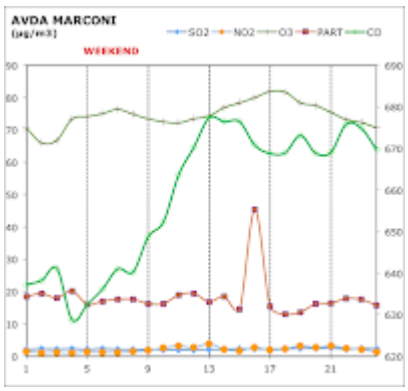

JEREZ CHAPÍN (µg/m3)
AW
ASW
AW
lluvia
SO2
PART
NO2
O3
CO
90
80
70
60
50
40
30
20
10
0
590
585
580
575
570
565
560
1/31/21
2/1/21
2/2/21
2/3/21
2/4/21
2/5/21
2/6/21
2/7/21

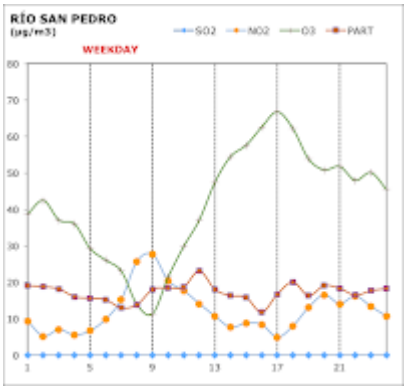


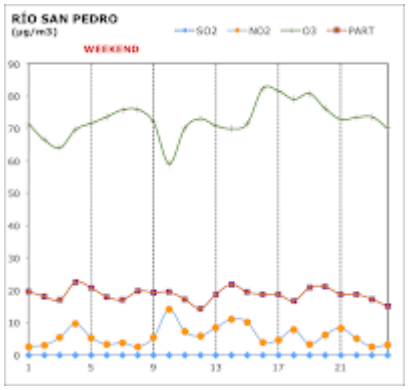


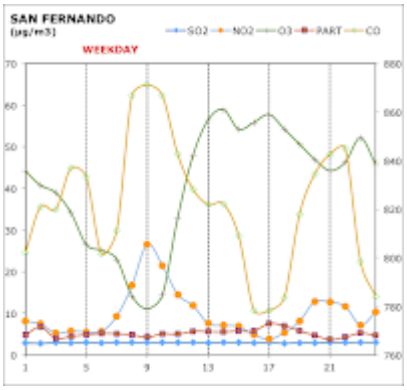
Evolución horaria en días de trabajo (weekday, L a V) y fin de semana (weekend, S-D)

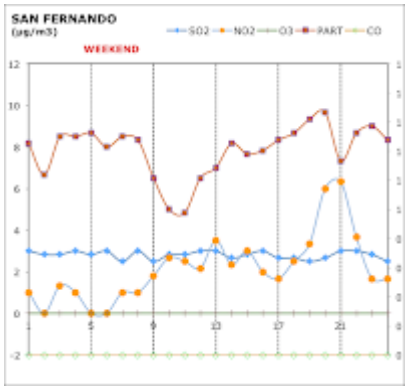


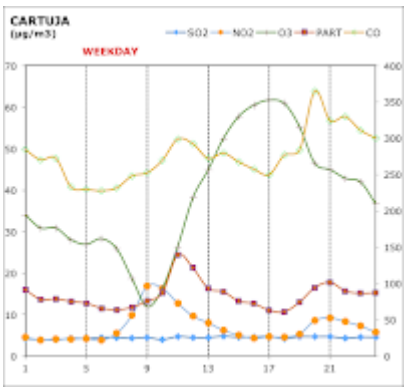


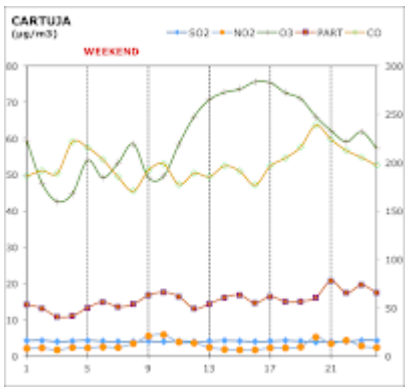

RÍO SAN PEDRO
(µg/m3)
SO2 NO2 O3 PART
WEEKDAY

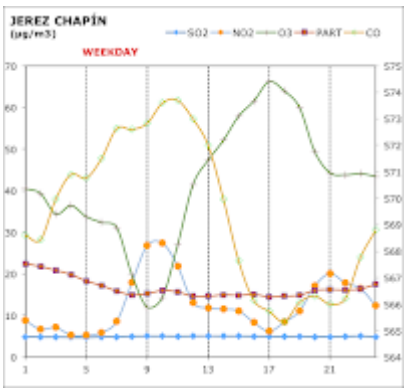

RÍO SAN PEDRO
(µg/m3)
SO2 NO2 O3 PART
WEEKEND

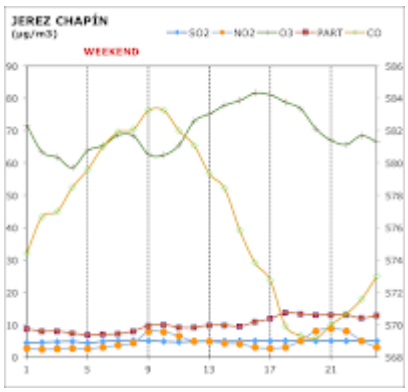

SAN FERNANDO
(µg/m3)
SO2 NO2 O3 PART CO
WEEKDAY

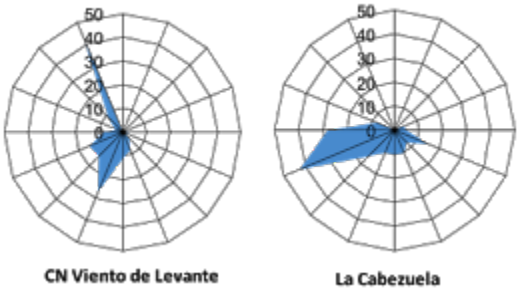

SAN FERNANDO
(µg/m3)
SO2 NO2 O3 PART CO
WEEKEND


CARTUJA
(µg/m3)
SO2 NO2 O3 PART CO
WEEKDAY


CARTUJA
(µg/m3)
SO2 NO2 O3 PART CO
WEEKEND


JEREZ CHAPÍN
(µg/m3)
SO2 NO2 O3 PART CO
WEEKDAY


JEREZ CHAPÍN
(µg/m3)
SO2 NO2 O3 PART CO
WEEKEND



número de horas