MEDIO AMBIENTE
SECRETARÍA DE MEDIO AMBIENTE Y RECURSOS NATURALES

COMISIÓN AMBIENTAL DE LA MEGALÓPOLIS

INECC
INSTITUTO NACIONAL DE ECOLOGÍA Y CAMBIO CLIMÁTICO

Informe de la Campaña de Monitoreo de especies químicas en $PM_{2.5}$ y Compuestos Orgánicos Volátiles en los Viveros de Coyoacán, Ciudad de México

2020

Coordinación General de Contaminación y Salud Ambiental

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Septiembre de 2020

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Agradecimiento
A la Ing. Quím. Yatziry Montes Gorgua del programa de Jóvenes Construyendo el Futuro por su contribución al reporte.

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Informe de la Campaña de Monitoreo de especies químicas en $PM_{2.5}$ y Compuestos Orgánicos Volátiles en los Viveros de Coyoacán, Ciudad de México

Resumen

A partir del "Programa de Fortalecimiento de las Capacidades de Monitoreo de Calidad del Aire en la Megalópolis" de la Coordinación Ejecutiva de Vinculación Institucional de SEMARNAT, cuyo componente 3 de "Infraestructura para caracterización de la atmósfera y generación de información básica para pronósticos de calidad del aire", fue adquirida infraestructura para la caracterización química de aerosoles y de composición de compuestos orgánicos volátiles (COVs), integrados en una Unidad Móvil. Este laboratorio móvil, llevó a cabo un estudio de monitoreo, del 28 de abril al 15 de junio de 2020 en los Viveros de Coyoacán, al Sur de la Ciudad de México. Las mediciones fueron complementadas con monitoreo de contaminantes criterio con una Unidad Móvil del INECC.

Como resultado, se obtuvieron cada dos horas registros de 17 elementos químicos, entre ellos metales pesados, así como carbono orgánico y carbono elemental en $PM_{2.5}$, Adicionalmente, también se contó con mediciones horarias de veinticinco compuestos orgánicos fotorreactivos presentes en aire ambiente.

Se obtuvieron datos suficientes para aplicar el Modelo Receptor Factorización Positiva de Matrices para cuantificar los aportes de fuentes posibles fuentes de emisión.

Los resultados mostraron para el periodo de estudio que las fuentes identificadas fueron la quema de biomasa con aporte con 49% del $PM_{2.5}$, seguido de las emisiones vehiculares con el 20%, el sector metalúrgico con el 14%, tanto la industria de (Br, Cl, OC, Al, EC, Si, K) y la resuspensión del suelo cada una con el 5%, la incineración de residuos con el 4%, la industria (Zn, Se, Pb, Cl, Mn) con el 2 % y la quema de diésel con el 1%.

Los compuestos orgánicos volátiles fueron aportados, el 55% por fugas de gas LP; el 10% de uso, transporte y almacenamiento de disolventes; el 9% de quema de diésel; dos posibles sectores industriales aportaron el 8%; el 7% de emisiones evaporativas; el 6% de emisiones vehiculares y el 5% de emisiones biogénicas. Es imporante señalar que las mediciones se realizaron en un bosque y por ello el aporte biogénico no es representativo de toda la región urbana.

Las emisiones de los incendios forestales y quemas agrícolas tienen impacto tanto en la formación de ozono como en las concentraciones de $PM_{2.5}$.

Antecedentes

Con el propósito de contar con un Sistema Megalopolitano de Monitoreo de Contaminantes del Aire que proporcione información consistente, oportuna y confiable sobre los contaminantes presentes en el aire que perjudican la salud de los habitantes, fueron adquiridos bienes para la ejecución del "Programa de Fortalecimiento de las Capacidades de Monitoreo de Calidad del Aire en la Megalópolis", cuyo componente 3 de "Infraestructura para caracterización de la atmósfera y generación de información básica para pronósticos de calidad del aire", en particular de tecnología de vanguardia para la caracterización química de aerosoles y de composición de compuestos orgánicos volátiles (COVs) integrados en una Unidad Móvil que realizará mediciones a lo largo de tres años en diferentes sitios de la Megalópolis.

De acuerdo con el Plan Anual de Actividades para la Unidad Móvil de especiación de Aerosoles y COVs, se han llevado a cabo campañas de medición en la ciudad de Toluca y en la zona noreste de la Zona Metropolitana del Valle de México en los meses de diciembre de 2019 y de diciembre a enero de 2020, respectivamente.

En abril de 2020, derivado de la pandemia de COVID 19, y de la contingencia sanitaria determinada por la Secretaria de Salud, se disminuyó la actividad y la movilidad de la población por el confinamiento, sin embargo, en la Ciudad de México como en otras urbes del país se reportaron contaminantes atmosféricos tales como ozono (O_3) y partículas suspendidas de la fracción $PM_{2.5}$ las cuales no mostraron un descenso en la medida que disminuía la movilidad por el confinamiento, , por lo que el INECC proyectó realizar un estudio representativo del periodo de aislamiento poblacional en la Ciudad de México.

El presente informe se refiere a la campaña en la Ciudad de México donde se realizaron muestreos semicontinuos que permiten observar la variación horaria de especies químicas a lo largo del día, que provee información suficiente en número de muestras para un análisis estadístico robusto.

El Inventario de Emisiones, que publica la Secretaría del Medio Ambiente de la Ciudad de México, del año base 2016, muestra que se generan al año del contaminante $PM_{2.5}$ 5,142 toneladas al año, de las cuales las fuentes puntuales general el 13%, las de área el 30%, las móviles el 56% y las naturales el 2% y de los compuestos orgánicos volátiles precursores de ozono se emiten 163,959 toneladas al año, el 8% corresponde a las fuentes puntuales, el 69% a las fuentes de área, el 17% a las emisiones vehiculares y el 5% a las naturales.

El informe de la calidad del aire de la Secretaría del Medio Ambiente del Gobierno de la Ciudad de México reportó que derivado de su sistema de monitoreo del Área Metropolitana, durante 2017 se registraron 76 días con una calidad del aire en donde las concentraciones fueron ≤100 puntos en el índice para todos los contaminantes. Un total de 289 días registraron concentraciones máximas >100 puntos en el índice para uno o más contaminantes, de estos, en 273 días la calidad del aire fue mala y en 16 muy mala y no se registraron concentraciones máximas con una calidad del aire extremadamente mala.

Año con año durante la época de seca caliente se esperan incrementos de los contaminantes ozono(O_3) y partículas suspendidas, sin embargo, este año llamó la atención que, a diferencia de decrementos de monóxido de carbono (CO) y dióxido de nitrógeno (NO_2), debidos al confinamiento y disminución de actividades de la población, los niveles de ozono (O_3) y $PM_{2.5}$ permanecieron elevados.

En el periodo de estío también destaca la influencia de incendios forestales y agrícolas. La Comisión Nacional Forestal (CONAFOR) reporta que entre el 1° de enero al 23 de julio de 2020, en México se han registrado 5 mil 473 incendios forestales con afectación a una superficie de 305 mil 474 hectáreas, en su mayoría pastos y matorrales. El Estado de México (1,082), Michoacán (601) y Jalisco (586) son las entidades que más incendios han presentado durante este año, en tanto que los estados que reportan la mayor cantidad de hectáreas afectadas son: Guerrero (46,578), Quintana Roo (31,143), Baja California (30,698) y Jalisco (29,573) (Comisión Nacional Forestal 24 de julio de 2020). En la Figura 1 se muestran los sitios calientes del mes de mayo, mostrando una saturación extrema de incendios a nivel regional del país, cuyos estados CAMe, el Estado de México, Puebla, Hidalgo y Morelos son los que registran la mayor cantidad de sitios con quema de biomasa (Figura 2).

Por lo anterior, con el fin de conocer las fuentes mayoritarias que contribuyen a los contaminantes, partículas suspendidas $PM_{2.5}$ y ozono (O_3), se realizó una campaña durante la contingencia sanitaria generada por la pandemia de COVID 19, en época de seca para conocer la composición química de las partículas y de los compuestos orgánicos volátiles (COVs) precursores fotorreactivos de ozono, que sirva de base de conocimiento para contribuir a la formulación y evaluación de políticas públicas orientadas a disminuir y controlar sus emisiones.

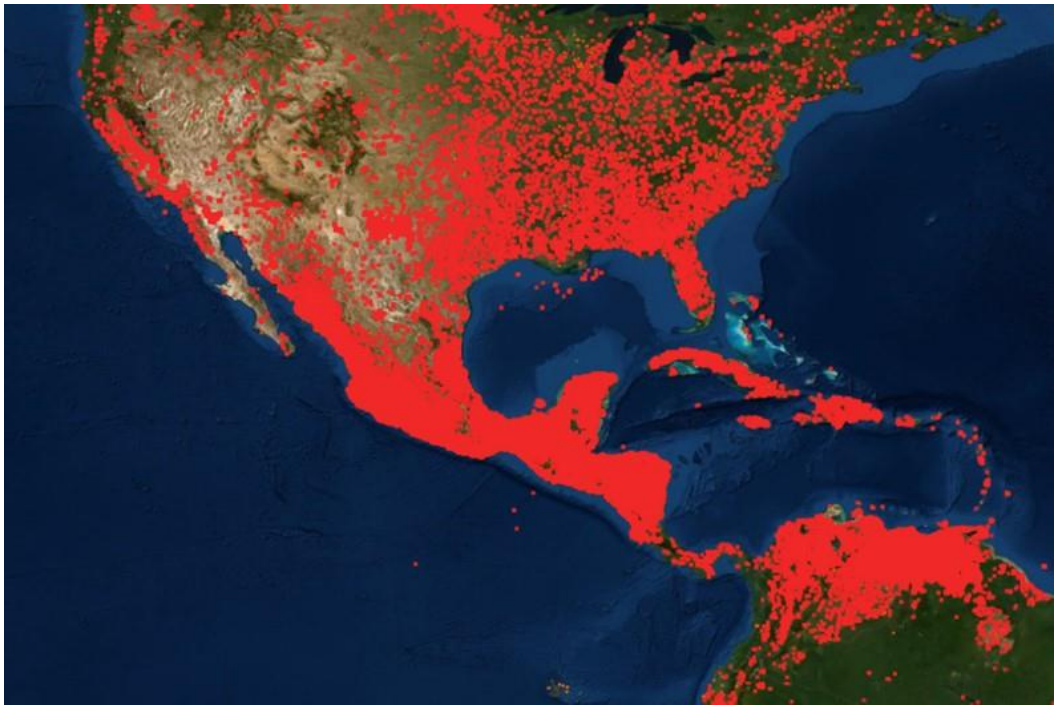

Figura 1. Sitios calientes registrados por los satélites Aqua, Terra, NOAA-20 y SUOMI con los detectores MODI y VIRS (Tomado del sistema FIRMS de la NASA, para el mes de mayo de 2020).

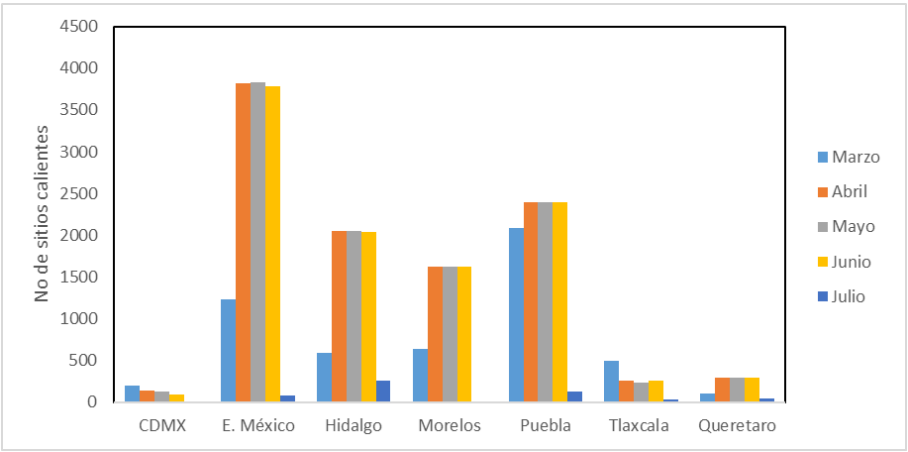

Figura 2. Número de sitios calientes registrados por la NASA en los Estados CAMe para los meses de marzo a julio de 2020.

Objetivo General

Realizar el monitoreo de la composición de carbono, metales y otros elementos en las partículas suspendidas $PM_{2.5}$, y de los contaminantes criterio, así como de diferentes especies químicas de COVs en la atmosfera de la Zona Sur de la Ciudad de México mediante el monitoreo en los Viveros de Coyoacán para evaluar la contribución a la atmósfera de probables fuentes de emisión para la formulación y evaluación de políticas públicas orientadas a disminuir y controlar emisiones.

Objetivos Específicos

- Registrar la medición de 17 elementos químicos y carbono orgánico y elemental en $PM_{2.5}$ y de 25 compuestos orgánicos volátiles (COVs) en los Viveros de Coyoacán de la Ciudad de México.

- Evaluar los factores de enriquecimiento de la composición de $PM_{2.5}$ para distinguir la contribución antropogénica de las partículas suspendidas.

- Analizar el potencial de formación de ozono de los COVs precursores para su comparación con mediciones locales y su impacto en el ambiente.

- Con base en la composición química de $PM_{2.5}$ y COVs proponer las posibles fuentes mayoritarias potenciales de emisión.

Recursos necesarios para el desarrollo del estudio

Equipo

Los siguientes equipos y Unidad Móvil utilizados en la campaña de medición son propiedad de la SEMARNAT operados por personal de los Laboratorios del INECC:

- Analizador de Carbono Orgánico y Elemental (marca Sunset, modelo 4) en partículas suspendidas.
- Analizador de composición elemental en partículas suspendidas por Fluorescencia de rayos X (marca Cooper, modelo Xact)
- Cromatógrafo de gases marca Perkin Elmer, modelo Clarus 580, acoplado a un desorbedor térmico marca Perkin Elmer, modelo Turbomatrix 650. Este sistema tiene la capacidad para analizar muestras colectadas en línea de modo semicontinuo, una muestra cada hora.

Todos los analizadores se localizan al interior de una cabina, conformada como Laboratorio Móvil a temperatura controlada de (20 °C).

Para complementar las mediciones de especies químicas en PM2.5 y de Compuestos orgánicos volátiles, se puso en operación la unidad móvil de monitoreo de calidad del aire, cuyo equipamiento para efectos del presente estudio es el siguiente:

- Analizador automático de ozono marca Thermo mod49i.
- Analizador automático de monóxido de carbono marca Thermo mod48i
- Analizador automático de bióxido de azufre marca Thermo mod43i
- Analizador automático de óxidos de nitrógeno marca Thermo mod42i
- Monitor para partículas suspendidas PM2.5 marca Thermo mod.FH62C14
- Monitor para partículas suspendidas PM10 marca Thermo mod.FH62C14
- Sistema All in One para la medición de variables meteorológicas marca Delta Ohm, que integra sensores de intensidad de viento, temperatura, humedad relativa y presión barométrica.

Recursos humanos

Para la preparación, realización de las campañas, así como el manejo de datos y la generación de los informes específicos participó personal técnico y científico de la Dirección de Laboratorios del INECC, adscritos a la Coordinación General de Contaminación y Salud Ambiental del INECC.

Consumibles

Es importante señalar que los consumibles que se describen a continuación no son proporcionados por el INECC, sino que éstos están considerados previamente en la garantía extendida de operación de los equipos.

- 2 cilindros de gas helio al 99.9999%
- 1 cilindro de gas de metano al 5% en balance de helio al 99.995%
- 1 cilindro de gas de oxígeno al 10% en balance de helio al 99.999%
- 1 mg de Sacarosa al 99%
- 1 cinta de filtro de fibra de cuarzo con cubierta de teflón
- Filtros de fibra de cuarzo
- Mezcla de gas estándar de calibración de 57 COVs precursores de ozono a 1 µmol/mol de cada analito; balance nitrógeno.
- Cilindros de aire cero con calidad de análisis de emisión vehicular

- Mezcla de gases para calibración con CO a 2500 nmol/mol, SO2 a 25 nmol/mol y NO a 25 nmol/mol, balance nitrógeno. Filtros de teflón de 47mm (varios)
- Dos filtros de fibra de vidrio en cinta de 42mx40mm FH111
-

Alcances de la medición

A. Se identificaron y cuantificaron las concentraciones de 16 elementos químicos en $PM_{2.5}$ los cuales son relevantes por su toxicidad, en el ambiente y en la salud de la población.

B. Se midieron carbono orgánico y carbono elemental, obteniendo la contribución de carbono elemental como forzador del clima de vida corta por su relevancia de impacto al clima.

C. Se midió la concentración en aire ambiente de 37 compuestos orgánicos volátiles (COVs) (hidrocarburos fotorreactivos precursores de la formación de ozono).

D. Se midieron las concentraciones en aire ambiente de los siguientes contaminantes gaseosos: ozono, bióxido de azufre, monóxido de carbon y bióxido de nitrógeno.

E. Se midió la concentración en aire ambiente de partículas suspendidas PM2.5 y PM10

F. Adicionalmente se midieron las siguientes variables meteorológicas: intensidad de viento (Velocidad y Dirección), temperatura, humedad relativa y presión barométrica.

Desarrollo de la Campaña de medición

Del 28 de abril al 15 de junio de 2020, se llevó acabo la medición con la Unidad Móvil de Aerosoles y compuestos orgánicos volátiles del INECC, la Unidad Móvil de Monitoreo de calidad del aire realizó mediciones del 1° de mayo al 13 de junio, la Campaña de Monitoreo se realizó en al sur de la Ciudad de México, dentro de las instalaciones de los Laboratorios del INECC en los Viveros de Coyoacán (Figura 3).

Figura 3. Localización del sitio de medición de la composición química de las partículas suspendidas $PM_{2.5}$ y COVs en la Ciudad de México.

Las Unidades Móviles se alojaron en una zona representativa receptora de emisiones urbanas al Sur de la Ciudad de México, cumpliendo en la medida de los posible con los criterios de ubicación para la medición de aire ambiente, libre de obstáculos físicos, facilidad de acceso, seguridad las 24 horas del día y disponibilidad de corriente eléctrica (Figura 4). Es importante señalar que el sitio de medición se encuentra rodeado de árboles del Área Natural Protegida de los Viveros de Coyoacán, sin embargo, para propósito de este estudio las Unidades Móviles se colocaron en un área abierta.

Figura 4. Alojamiento de las Unidades Móviles al interior de las instalaciones de los Laboratorios del INECC en los Viveros de Coyoacán, Ciudad de México.

Los equipos fueron programados para el muestreo y análisis en periodos de 120 minutos para obtener la composición elemental por fluorescencia de rayos X por energía dispersiva y de 108 minutos cada dos horas para la evaluación de carbono orgánico y elemental, y cada 60 minutos para los COVs precursores de ozono.

Para las mediciones de contaminantes gaseosos, PM10, PM2.5 y variables meteorológicas, se lleva a cabo la medición cada pocos segundos y el sistema de adquisición de datos los integra en promedios horarios.

Se llevó a cabo la identificación de banderas de operación, controles de calidad y verificación de rutina de las calibraciones con el objetivo de conformar una base de datos validada.

De dicho monitoreo se obtuvo la cantidad de datos que se resumen en la Tabla 1.

Tabla 1. Muestras obtenidas de la especiación de partículas $PM_{2.5}$, COVs y Contaminantes criterio.

Parámetros	Mediciones	Periodo de medición
Especiación química elemental en $PM_{2.5}$	470 mediciones promedio de 2 horas	28 de abril al 15 de junio de 2020
Contenido de carbono orgánico y elemental en $PM_{2.5}$	468 mediciones promedio de 2 horas	28 de abril al 15 de junio de 2020
compuestos orgánicos volátiles precursores de ozono	653 mediciones promedio de 1 hora	01 de mayo al 15 de junio de 2020
Contaminantes criterio, en particular O_3 y $PM_{2.5}$ que se incluyen en este informe de la Unidad Móvil de calidad del aire del INECC	930 mediciones de ozono y 932 datos de $PM_{2.5}$ promedios de 1 hora	01 de mayo al 13 de junio de 2020

Análisis de datos

De la revisión de las bases de datos de composición química de los aerosoles y COVs, se obtuvieron promedios para conocer la concentración y abundancia relativa de cada analito.

Se evaluaron los potenciales de formación de ozono (FPO) de los compuestos orgánicos volátiles, mediante los índices POCP (creación potencial fotoquímica de ozono) de Derwent (2007), de acuerdo a lo siguiente:

$$FPO = COV_i \; X \; POCP_i$$

Donde COV_i es la concentración de una especie química expresada en µg/m^3 y $POCP_i$ es su correspondiente índice de potencial de ozono.

Se realizó la cuantificación de factores de enriquecimiento (FE) en la composición elemental de $PM_{2.5}$ de acuerdo a (Summak et al., 2018):

$$FE = \frac{Conc.\,del\ Elemento\ en\ aire_i / Conc.\,del\ Elemento\ en\ aire_{Si}}{Conc.\ \ del\ Elemento\ en\ la\ corteza_i / Conc.\,del\ Elemento\ en\ la\ corteza_{Si}}$$

En este estudio se tomó como referencia al elemento Si.

Se aplicó la metodología del modelo Receptor PMF de la USEPA (Agencia de Protección Ambiental de los Estados Unidos de América, por sus siglas en inglés) en su versión 5, para obtener los perfiles de composición y fuentes potenciales de emisión o factores. Los factores obtenidos de los resultados del modelo se compararon principalmente con los perfiles publicados en la base de datos "SPECIATE" de la USEPA versión 5.

Resultados

Parámetros Meteorológicos y Contaminantes Criterio

En la zona de estudio la temperatura promedio fue de 19.3 °C con mínimo de 9.4 °C y máximo de 29.9 °C y la humedad relativa promedio fue de 54.4 % con un mínimo de 14.5 % y máximo de 90.9 % (Figura 5). La dirección de viento predominante fue del Noroeste en un 20 % y en 10 % de cada una las direcciones Norte-Noroeste y Oeste-Noroeste. El porcentaje de calmas fue muy elevado en 58.8%, en general las velocidades de viento se presentaron en su mayoría por debajo de 1.5 m/s (Figura 6).

En la Figura 7 se muestran las series de tiempo para el periodo de este estudio. El monóxido de carbono, presentó un máximo de 1.8 ppm el 10 de junio. El dióxido de nitrógeno su máxima concentración fue el 21 de mayo con 44 ppb. El dióxido de azufre alcanzó 19 ppb el 28 de mayo y ozono el 26 de mayo con 126 ppb. En cuanto a PM2.5, obtuvo su máxima concentración el 21 de mayo con 79 µg/m^3.

De acuerdo a la Norma Oficial Mexicana NOM-172-SEMARNAT-2019, que describe los valores límite de concentración de la calidad del aire y riesgo en la salud en la Tabla 2, se describe en detalle el número de eventos en relación a dichos límites. Los contaminantes criterio que se situaron en este estudio con niveles de buena calidad del aire fueron el monóxido de carbono, el dióxido de azufre y el dióxido de nitrógeno. En el caso del ozono, sus registros horarios presentan 33 eventos con mala calidad del aire y en su promedio móvil de 8 horas tiene 115 eventos de mala calidad del aire y 9 de muy mala calidad del aire. Finalmente, las partículas $PM_{2.5}$ en su promedio ponderado de 12 horas, 45 eventos fueron de mala calidad del aire en el intervalo de 45 a 79 µg/m^3.

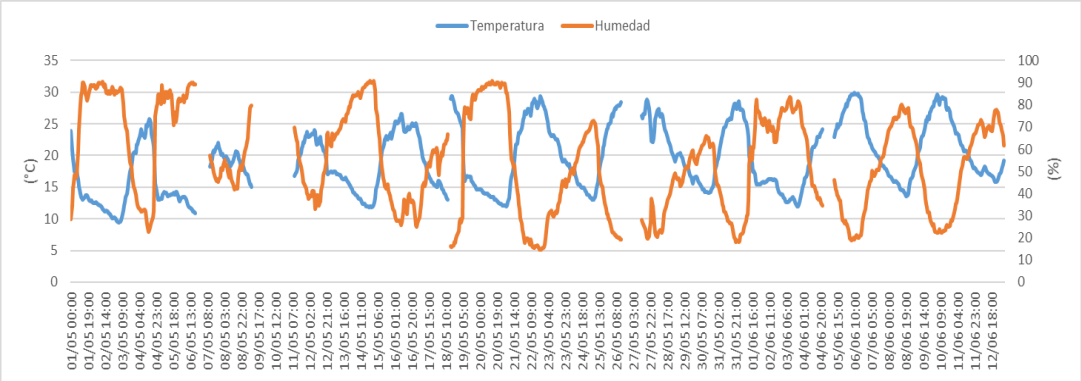

Figura 5. Variación de la temperatura y humedad relativa en los Viveros de Coyoacán de la Ciudad de México, del 1 de mayo al 13 de junio de 2020.

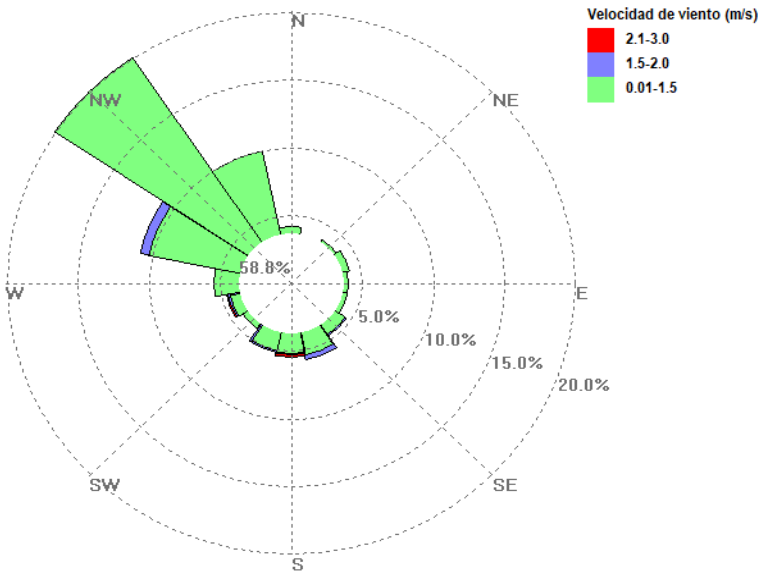

Figura 6. Rosa de vientos del periodo del 1 de mayo al 13 de junio de 2020 en los Viveros de Coyoacán de la Ciudad de México.

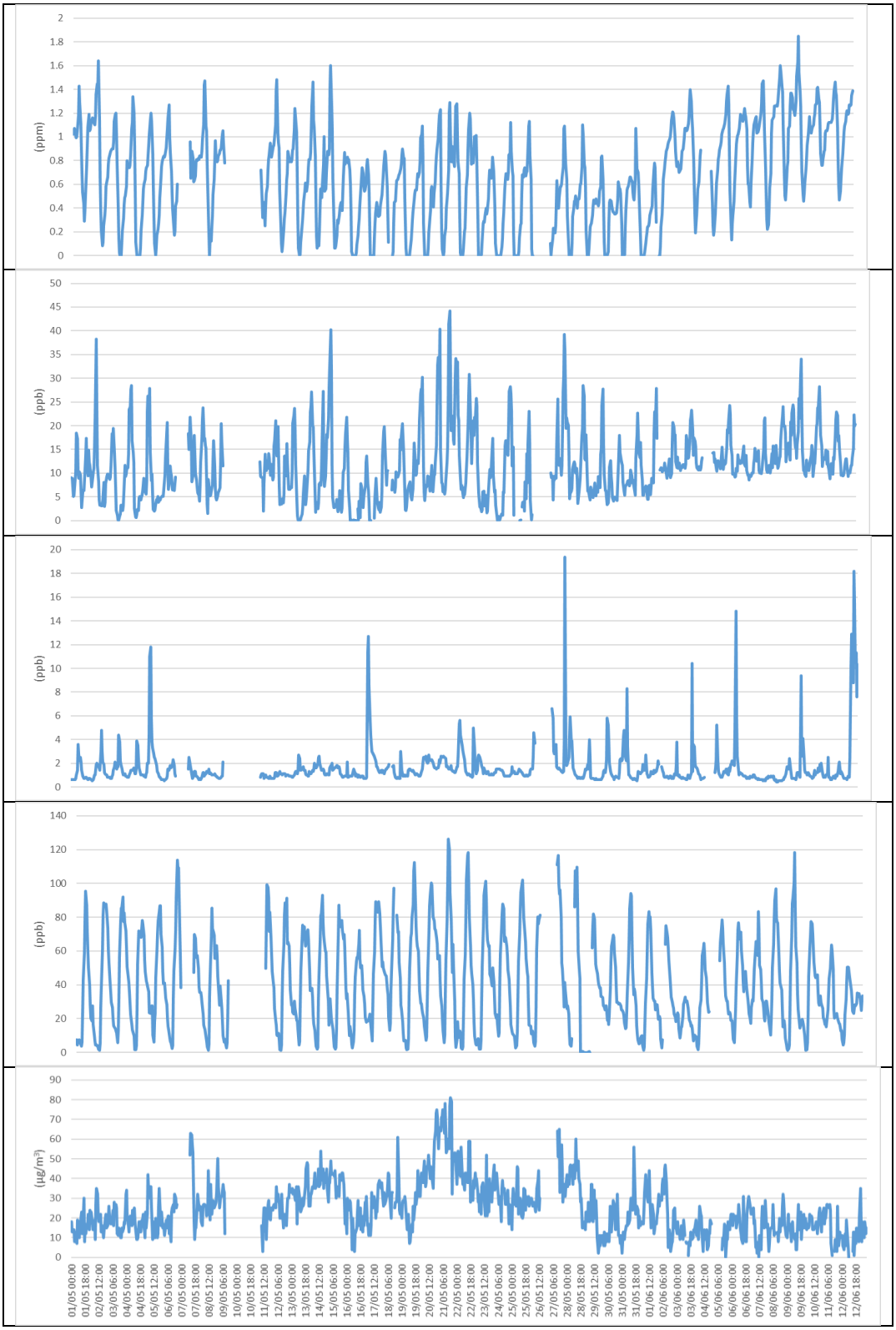

Figura 7. Series de tiempo de los contaminantes criterio medidos del 1 de mayo al 13 de junio de 2020 en los Viveros de Coyoacán de la Ciudad de México.

Tabla 2. Calidad del Aire de acuerdo a NOM-172-SEMARNAT-2019

Calidad del Aire	Riesgo	Intervalo	No. de eventos
CO promedio móvil de 8 horas (ppm)			
Buena	Bajo	menor o igual a 8.75	963
Aceptable	Moderado	> 8.75 y 11.00	0
Mala	Alto	> 11.00 y 13.30	0
Muy Mala	Muy alto	> 13.30 y 15.50	0
Extremadamente mala	Extremadamente alto	> 15.50	0
SO_2 promedio móvil de 24 horas (ppb)			
Buena	Bajo	menor o igual a 8	993
Aceptable	Moderado	> 8 y 110	0
Mala	Alto	> 110 y 165	0
Muy Mala	Muy alto	> 165 y 220	0
Extremadamente mala	Extremadamente alto	> 220	0
NO_2 promedio horario (ppb)			
Buena	Bajo	menor o igual a 107	922
Aceptable	Moderado	> 107 y 210	0
Mala	Alto	> 210 y 230	0
Muy Mala	Muy alto	> 230 y 250	0
Extremadamente mala	Extremadamente alto	> 250	0
O_3 promedio horario (ppb)			
Buena	Bajo	menor o igual a 51	619
Aceptable	Moderado	> 51 y 95	278
Mala	Alto	> 95 y 135	33
Muy Mala	Muy alto	> 135 y 175	0
Extremadamente mala	Extremadamente alto	> 175	0
O_3 promedio móvil de 8 horas (ppb)			
Buena	Bajo	menor o igual a 51	631
Aceptable	Moderado	> 51 y 70	208
Mala	Alto	> 70 y 92	115
Muy Mala	Muy alto	> 92 y 114	9
Extremadamente mala	Extremadamente alto	> 114	0
$PM_{2.5}$ promedio móvil ponderado de 12 horas (µg/m^3)			
Buena	Bajo	menor o igual a 25	463
Aceptable	Moderado	> 25 y 45	342
Mala	Alto	> 45 y 79	45
Muy Mala	Muy alto	> 79 y 147	0
Extremadamente mala	Extremadamente alto	> 147	0

Partículas Suspendidas $PM_{2.5}$

A partir de la información de la fracción $PM_{2.5}$ obtenida por la Unidad Móvil en detalle se presenta la serie de tiempo de datos horarios para el periodo comprendido de este estudio. Las máximas concentraciones ocurren del 20 al 21 de mayo de 2020 entre 75 y 81 µg/m³. Hubo concentraciones horarias por arriba de 50 µg/m³ los días 7, 14, 18, del 21 al 23, 27, 28 y 31 de mayo. En los días del mes de junio se presentaron concentraciones por debajo de los 35 µg/m³ (Figura 8).

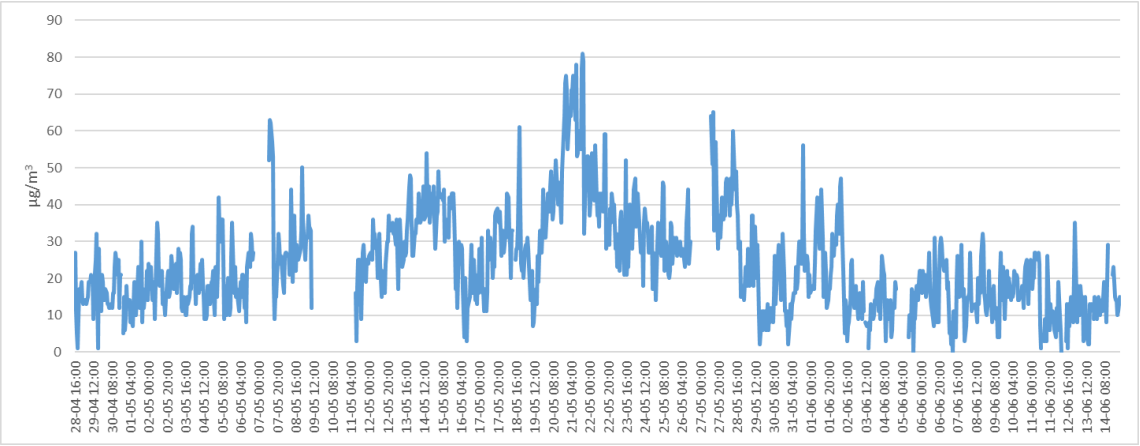

Figura 8. Serie de tiempo de datos horarios de partículas suspendidas $PM_{2.5}$ del 28 de mayo al 14 de junio de 2020.

Los promedios de 24 h rebasaron la Norma Oficial Mexicana, de 45 µg/m³ para este contaminante en dos ocasiones, el 20 y 21 de mayo y el criterio de exposición de la Organización Mundial de la Salud (OMS) de 25 µg/m³, se superó 18 días previos al 29 de mayo de 2020 (Figura 9).

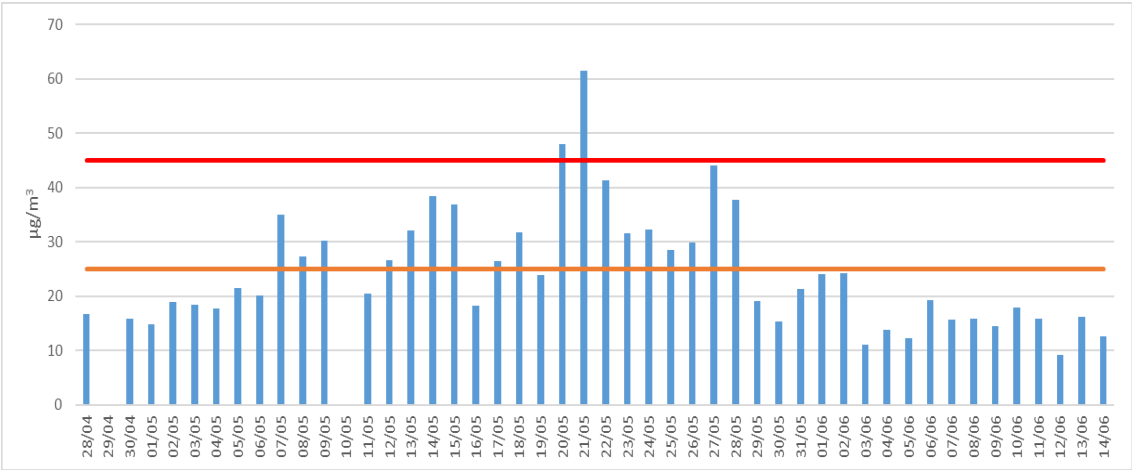

Figura 9. Promedios de 24 horas de partículas suspendidas $PM_{2.5}$ del 28 de abril al 14 de junio de 2020.

En la representación de la Figura 9 la línea naranja representa el criterio de salud de la OMS (25 µg/m^3) y la línea roja se refiere a la concentración de protección de la salud en 24 horas en México (NOM-025-SSA1-2014, 45 µg/m^3).

La composición de las partículas colectadas en este estudio en promedio de la campaña, aportó la siguiente abundancia: OC el 65%, S el 11.4%, EC el 10.4%, Al el 6.3%, Si el 2.2%, K el 2.1%, Ca y Fe el 0.8% cada uno y los demás elementos sumados contribuyeron con el 0.8% (Figura 10). Los promedios diarios de cada componente se muestran en la Tabla 3), en particular el carbono derivado de combustión presenta máximos del 12 al 15, del 20 al 21 y del 27 al 28 de mayo asociado con combustión, el elemento K asociado con quema de biomasa tiene su máximo pico el 21 de mayo y los demás elementos de mayor contribución se relacionan con resuspensión del suelo (Figura 11).

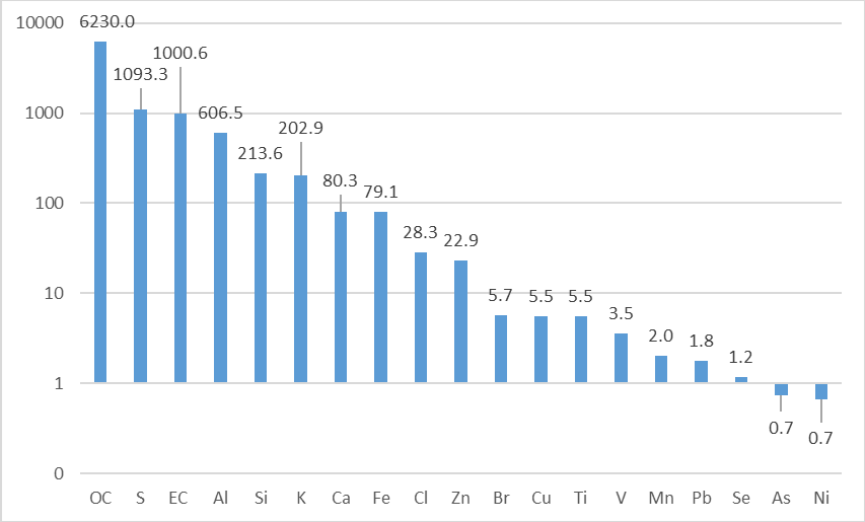

Figura 10. Concentraciones promedio (ng/m³) de la composición de las partículas suspendidas PM2.5 obtenidas del 28 de abril al 15 de junio de 2020.

Tabla 3. Concentraciones promedio por día de la composición de $PM_{2.5}$ (ng/m³)

Fecha	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
28/04/2020	538	351	817	13	114	117	8	2	2	96	MLC	5	8	MLC	MLC	4	1	8087	555
29/04/2020	650	389	1120	31	189	115	8	2	3	105	MLC	4	13	1	1	6	1	6591	984
30/04/2020	530	222	898	22	83	82	5	4	2	72	1	4	44	1	1	4	1	3931	593
01/05/2020	478	62	737	19	68	37	3	2	1	45	MLC	9	8	1		4	2	3916	680
02/05/2020	526	107	967	41	110	54	4	1	1	67	MLC	15	14	1	1	5	3	5012	991
03/05/2020	465	122	950	36	138	54	3	2	1	49	MLC	8	15	1	1	4	1	4905	685
04/05/2020	545	176	722	78	107	66	5	MLC	1	79	MLC	40	20	1	MLC	3	1	4959	4123
12/05/2020	608	105	1065	37	295	50	4	MLC	1	60	MLC	4	8	MLC	MLC	6	MLC	11092	774
13/05/2020	591	101	1062	27	424	45	4	MLC	1	60	MLC	5	8	MLC	MLC	8	1	10165	1047
14/05/2020	626	144	1190	32	458	59	4	MLC	1	79	MLC	7	10	1	MLC	9	1	10694	1703
15/05/2020	687	157	1017	39	473	67	5	MLC	1	85	MLC	11	12	1	1	9	2	10387	1803
16/05/2020	542	122	356	28	183	44	4	MLC	MLC	54	MLC	4	5	1	MLC	4	3	6091	874
17/05/2020	578	135	1045	34	222	56	4	4	1	61	1	3	29	1	1	6	3	6923	828
18/05/2020	673	362	1551	20	257	112	7	1	4	94	MLC	3	24	1	1	7	2	6723	814
19/05/2020	613	247	1059	40	194	74	6	1	3	87	MLC	6	17	1	MLC	6	2	6205	889
20/05/2020	696	327	1334	58	468	104	8	1	3	123	MLC	9	32	1	1	11	5	11791	1796
21/05/2020	834	428	1514	48	649	134	10	1	3	144	MLC	5	19	1	1	11	3	15414	2637
22/05/2020	719	366	1394	35	354	128	11	1	3	140	MLC	6	32	1	1	8	2	10184	1867
23/05/2020	603	189	904	28	285	71	6	1	1	95	MLC	6	11	1	MLC	7	2	8579	1387
24/05/2020	561	98	682	33	336	46	4	MLC	MLC	52	MLC	2	10	MLC	MLC	8	1	9365	938
25/05/2020	638	179	413	50	255	85	6	MLC	1	82	MLC	5	8	MLC	MLC	5	1	9709	931
26/05/2020	602	282	599	70	310	88	7	MLC	1	104	MLC	5	10	1	MLC	6	1	11093	1025

Fecha	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
27/05/2020	729	365	2781	34	355	115	8	7	3	115	1	7	23	1	1	9	2	11367	1602
28/05/2020	687	371	1749	35	252	108	8	3	3	112	1	5	20	1	1	22	2	8393	1483
29/05/2020	562	183	1083	39	106	73	6	2	2	73	MLC	5	24	1	1	4	2	4008	784
30/05/2020	495	100	1361	29	58	68	3	4	1	51	1	7	26	1	1	3	1	2748	651
31/05/2020	567	71	1509	10	117	63	3	8	MLC	42	1	2	9	1	3	3	1	3770	583
01/06/2020	601	140	1620	15	173	66	5	1	2	81	1	4	15	1	1	3	1	4716	969
02/06/2020	634	159	1447	34	275	97	5	2	3	74	1	5	63	1	3	4	1	5278	756
03/06/2020	569	161	722	7	62	85	4	1	1	56	MLC	5	22	MLC	1	2	1	2329	480
04/06/2020	665	356	888	12	95	117	7	2	2	84	1	5	37	1	2	5	1	3125	837
05/06/2020	601	215	1154	11	132	91	5	6	2	70	1	5	22	1	1	5	1	3627	612
06/06/2020	630	271	1146	27	124	88	6	5	2	79	1	4	26	1	2	5	2	3743	804
07/06/2020	566	131	772	9	90	44	4	MLC	1	46	MLC	2	10	1	MLC	3	1	3707	465
08/06/2020	540	155	598	7	63	58	4	MLC	1	53	MLC	2	11	1	MLC	3	1	3724	463
09/06/2020	553	215	744	11	51	62	6	1	2	86	MLC	4	15	1	1	3	1	3886	858
10/06/2020	598	305	1067	13	97	94	7	2	5	97	MLC	5	39	1	1	4	2	3777	888
11/06/2020	596	232	1119	18	85	114	5	1	8	83	MLC	5	54	1	4	3	3	2736	626
12/06/2020	593	182	503	32	36	85	5	MLC	3	78	MLC	5	86	1	4	2	3	1917	504
13/06/2020	672	355	938	18	61	103	7	17	3	85	3	4	25	1	3	3	1	2346	562
14/06/2020	582	123	1386	15	61	67	3	24	2	55	4	3	31	1	3	4	3	3207	486
15/06/2020	729	172	2376	12	162	79	3	85	1	52	14	2	24	1	3	5	1	4742	880

MLC. - Menor al límite de cuantificación

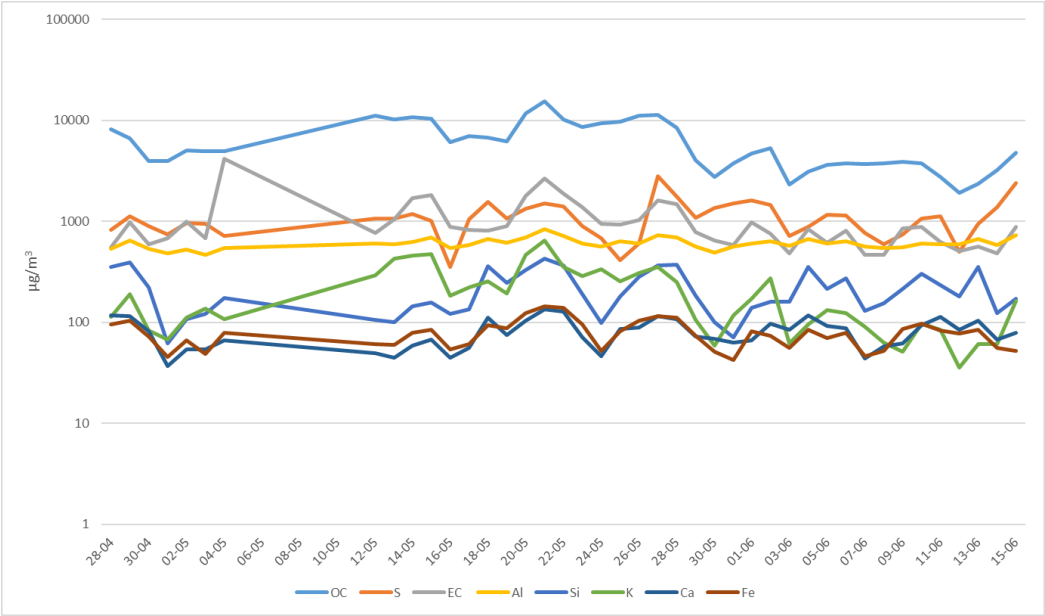

Figura 11. Variación promedio diaria de la composición química de mayor contribución al $PM_{2.5}$.

La aplicación de factores de enriquecimiento de la composición de partículas suspendidas, tiene como propósito identificar aquellos elementos químicos que se encuentran excedidos en el ambiente, con base en la comparación tomando como referencia las concentraciones típicas naturales de la corteza terrestre.

En este estudio se tomó al Silicio (Si) como elemento natural con un valor de 1, que se sabe es uno de los principales elementos del suelo y de la capa superior de la corteza terrestre. Los resultados de los factores de enriquecimiento calculados se presentan en la Figura 12.

Los elementos que no mostraron contribución antropogénica fueron el Ca, Ti, Mn y Fe.

Con contribución ligeramente por las actividades del ser humano, los elementos Cl, V, Cu, Zn y Pb.

Y con elevada representación con respecto a la composición de la corteza terrestre los elementos: S y Br.

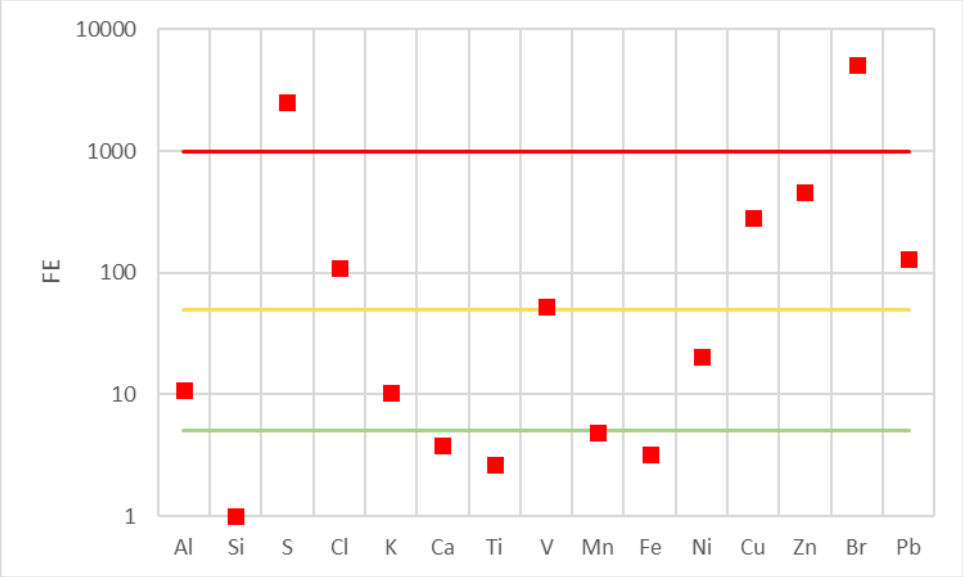

Figura 12. Factores de enriquecimiento de la composición elemental de las partículas suspendidas $PM_{2.5}$.

Derivado de la cantidad de muestras obtenidas en este estudio ha sido factible profundizar más en la identificación de fuentes probables de emisión, mediante la aplicación de un modelo receptor utilizado ampliamente por la comunidad científica, denominado factorización positiva de matrices (PMF, por sus siglas en inglés) que parte de las concentraciones y de sus incertidumbres en la medición.

Como resultado de 100 iteraciones, enseguida se presenta la proporción de cada fuente o sector de emisión por componente químico del contenido de las partículas PM2.5, en la Figura 13 se muestran las 8 fuentes de la salida del modelo PMF.

- Emisiones vehiculares
- Quema de diésel
- Sector de procesos de metales
- Incineración de residuos
- Industria con emisiones de Zn, Se, Pb, Cl, Mn)
- Industria con emisiones de Br, Cl, OC, Al, EC, Si, K)
- Resuspensión del suelo
- Quema de biomasa

En este estudio, de las fuentes probables identificadas la quema de biomasa representó ser la de mayor aporte con 49% del PM2.5, seguido de las emisiones vehiculares con el 20%, el sector metalúrgico con el 14%, tanto la industria de (Br, Cl, OC, Al, EC, Si, K) y la resuspensión del suelo cada una con el 5%, la incineración de residuos con el 4%, la industria (Zn, Se, Pb, Cl, Mn) con el 2 % y la quema de diésel con el 1% (Figura 14).

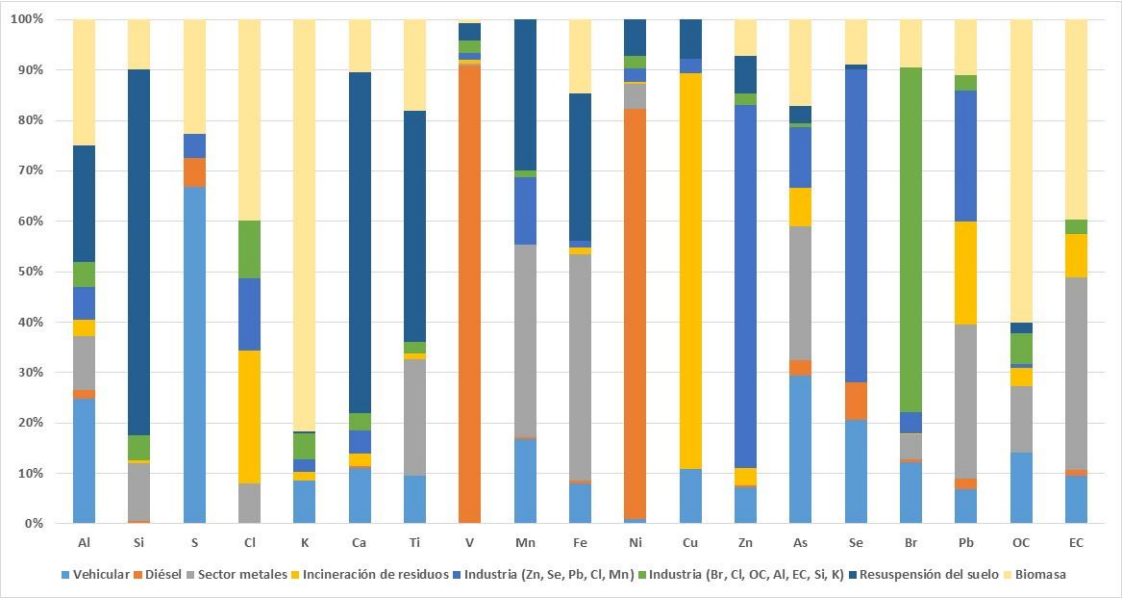

Figura 13. Perfiles de composición de $PM_{2.5}$ asociados a las principales fuentes de emisión obtenidas con el modelo PMF.

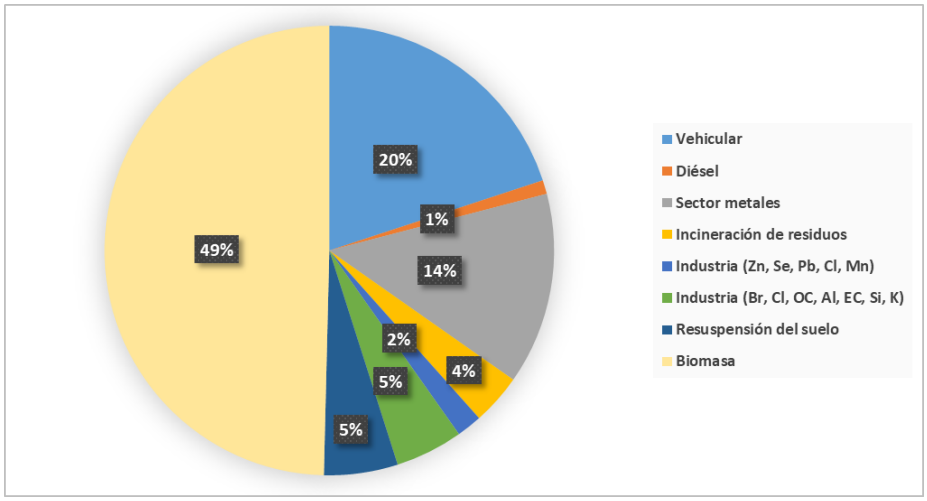

Figura 14. Contribuciones de fuentes potenciales de emisión en PM2.5 obtenidos por el modelo PMF del periodo de estudio del 28 de abril al 15 de junio de 2020.

Compuestos Orgánicos Volátiles (COVs)

En la Ciudad de México, así como otras grandes urbes como Guadalajara y Monterrey y otras regiones del país, tienen una atmósfera reactiva producto de sus emisiones, en particular con elevadas concentraciones de ozono que tiene efectos en la salud humana, en la vegetación y en el clima como forzador de vida corta. Para proponer reducir a este contaminante secundario, se debe atender a los precursores que lo forman, por ello es de gran importancia evaluar a los compuestos orgánicos volátiles con capacidad de reaccionar y formarlo en la atmósfera.

En este estudio los niveles de concentración de ozono (O_3) rebasaron en 33 ocasiones la Norma Oficial Mexicana NOM-020-SSA1-2014 para una hora de exposición que es de 95 ppb, los días 6, 11, 18-23, 25, 27, 28 de mayo y 8 y 9 de junio de 2020 (Figura 15).

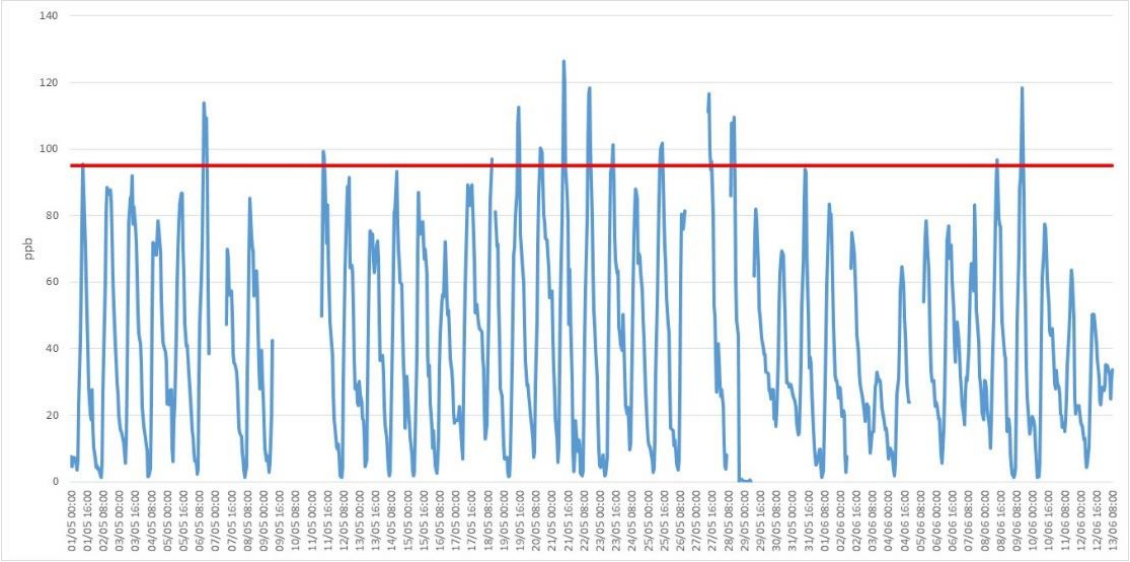

Figura 15. Variación horaria de ozono del 1 de mayo al 13 de junio de 2020. La línea roja expresa el límite de protección de la salud de una hora de exposición (95 ppb).

De una búsqueda analítica de 57 compuestos orgánicos volátiles precursores de la formación de ozono, se identificaron 25, cuya concentración promedio de la campaña de medición de este estudio se presenta en la Tabla 4. Doce compuestos tuvieron concentraciones iguales o superiores a 1 µg/m^3, es

relevante que el propano muestra la máxima concentración con una contribución del 61.5% de los COVs totales, así mismo el segundo máximo es tolueno con 10.5%, butano con 6.4%, etano e isobutano cada uno con 3.4%, isopentano 2.7 %, etileno 1.7%, acetileno y pentano ambos con 1.1% y propileno, benceno y cis-2-hexeno con 1%. Los demás compuestos suman el 5.8%, cuyas concentraciones se observan en la Tabla 4.

Los COVs fueron agrupados por familias conforme a la Tabla 5. Los compuestos del gas LP más el etano que es componente del gas natural representan la mayor abundancia con el 74.3% seguido por los compuestos aromáticos con el 11.4 % y el resto de los grupos representan sumados el 14.2%. Los COVs tienen diferente reactividad, en este estudio los compuestos del gas LP y etano aportaron en la formación de ozono el 48.3%, seguido de los compuestos aromáticos con el 19.3% y las olefinas más acetileno con el 17.1%; los demás grupos contribuyeron sumados con el 15.3%. Cabe señalar que en promedio para toda la campaña de medición la formación potencial de ozono explica el 40.5% del ozono medido con monitoreo automático de este contaminante.

La serie de datos de los COVs totales muestra que la máxima concentración se observó el 26 de mayo con 315 µg/m^3 y a partir del 28 de mayo no se rebasaron concentraciones mayores a 141 del 28 de mayo no se rebasaron concentraciones mayores a 141 µg/m^3 (Figura 16).

Tabla 4. Concentración promedio de compuestos orgánicos volátiles del 1°de mayo al 15 de junio de 2020

Compuesto	Promedio µg/m^3)	Compuesto	Promedio µg/m^3)
propano	62.4	n-octano	0.8
tolueno	10.6	2-metilpentano + 3-metilpentano	0.7
n-butano	6.4	isopreno	0.7
etano	3.4	3-metilheptano	0.5
iso-butano	3.4	n-hexano	0.4
isopentano	2.7	2-metilheptano	0.4
etileno	1.7	n-heptano	0.4
acetileno	1.1	2,3-dimetilbutano	0.3
n-pentano	1.1	2-metilhexano	0.3
propileno	1.0	1-buteno	0.2
benceno	1.0	trans-2-penteno	0.1
Cis-2-hexeno	1.0	1-penteno	0.1
2,2,4-trimetilpentano	0.9		

Tabla 5. Concentraciones promedio de los Grupos de Compuestos Orgánicos Volátiles y su Formación Potencial de Ozono

Compuestos		**Grupo**	**Concentración (µg/m³)**	**Porcentaje (%)**	**Formación Potencial de Ozono (µg/m³)**	**Porcentaje (%)**
etano	n-butano	Compuestos del Gas LP y etano				
Propano	iso-butano		75.5	74.3	11.9	48.3
etileno	trans-2-penteno	Olefinas y acetileno				
propileno	1-penteno					
cis-2-hexeno	1-buteno					
acetileno			5.2	5.1	4.2	17.1
isopreno		Biogénico	0.7	0.7	0.8	3.1
n-pentano	2 y 3-metilpentano	Alcanos C5-C6				
Iso-pentano	n-hexano					
2,3-dimetilbutano			5.2	5.1	2.0	8.0
2-metilhexano	n-heptano	Alcanos C7-C8				
2-metilheptano	3-metilheptano					
2,2,4-trimetilpentano	n-octano		3.3	3.3	1.0	4.2
benceno	tolueno	Aromáticos				
			11.6	11.4	4.8	19.3

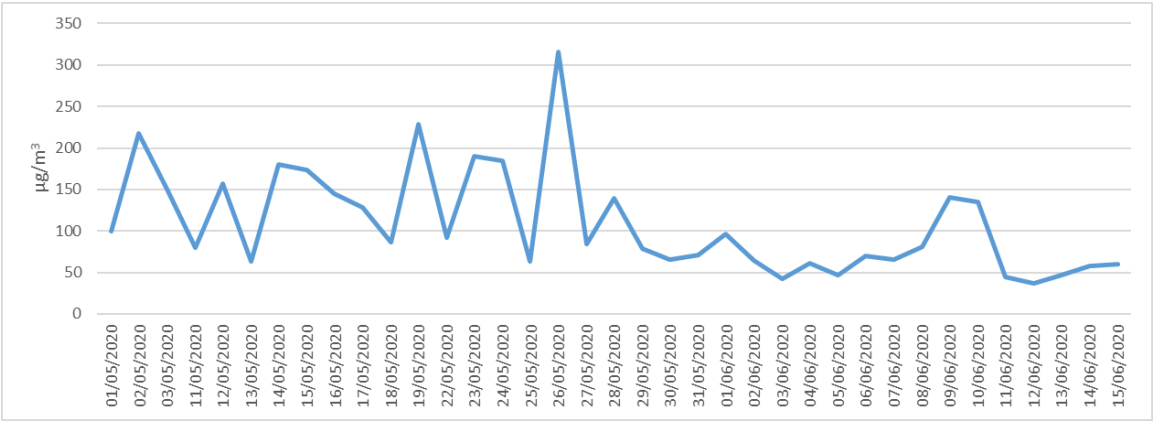

Figura 16. Variación en la concentración de COVs totales del 1° de mayo al 15 de junio de 2020.

La tendencia de concentración promedio horaria de los COVs totales muestra que se registraron los máximos entre las 7 y las 9 de la mañana entre 280 y 350 µg/m^3 para el mes de mayo y con reducciones significativas de 110 a 130 µg/m^3 en junio (Figura 17), cuyas formaciones potenciales de ozono se observan en la Figura 18, los COVs emitidos con concentraciones máximas por la mañana alcanzan poco menos de 70 µg/m^3 en mayo y cerca de 30 µg/m^3 en junio. Sin embargo, cuando se cuantifica la formación potencial de ozono para ambos meses y se compara con las concentraciones ambientales de ozono se nota que en el aire se alcanzaron niveles de ozono hasta de 136 µg/m^3 en mayo y de 111 µg/m^3 en junio (Figura 18). Lo anterior significa que es posible que otros compuestos diferentes a los medidos en este estudio intervinieron en la fotoquímica de la formación de ozono, así como el transporte regional de ozono procedente de otras áreas hacia la Ciudad de México.

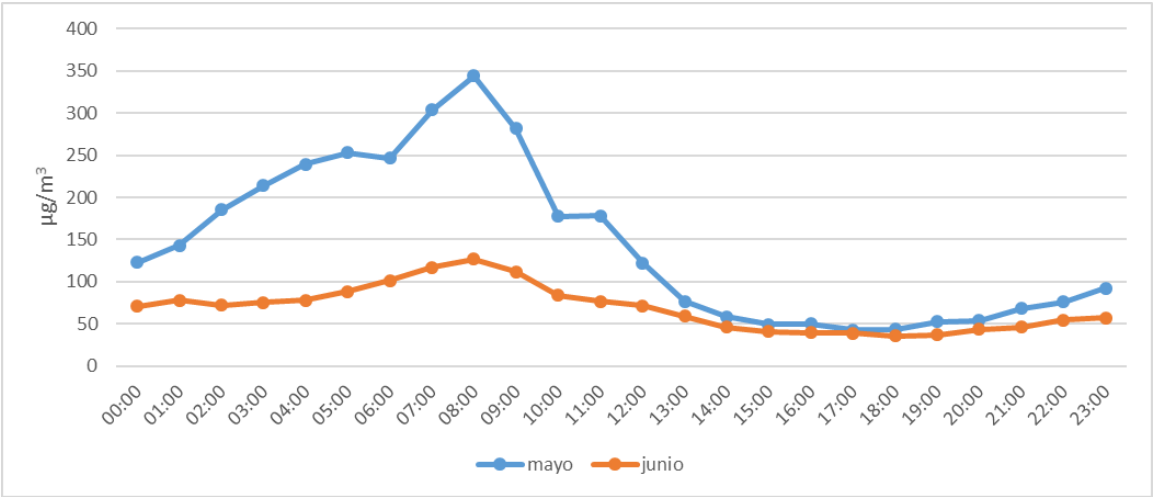

Figura 17. Variación promedio horaria de COVs totales de los meses de mayo y junio de 2020.

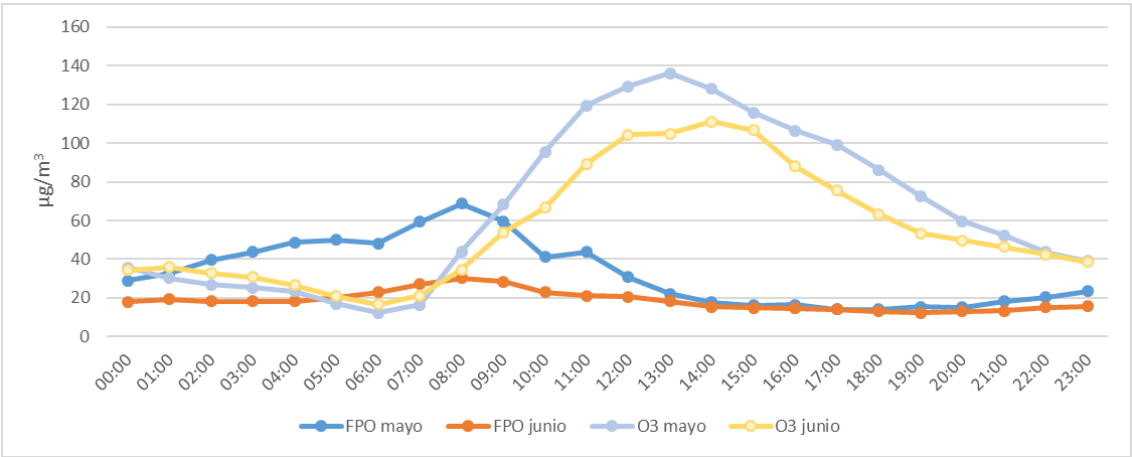

Figura 18. Variación promedio horaria de la formación potencial de ozono calculada a partir de los COVs comparada con el ozono ambiental medido.

A las concentraciones horarias de las especies químicas de COVs, se aplicó la metodología de la Agencia de Protección Ambiental de los Estados Unidos de América del modelo receptor de Factorización Positiva de Matrices (PMF), se realizaron 100 iteraciones y se obtuvieron ocho factores o fuentes potenciales de emisión de compuestos orgánicos volátiles que se presentan en la Figura 19 que describe su composición de la siguiente manera.

- Factor 1. Emisiones del escape de automotores a gasolina
- Factor 2. Sector industrial 1.
- Factor 3. Gas LP
- Factor 4. Emisiones evaporativas
- Factor 5. Biogénicas
- Factor 6. Quema de diésel
- Factor 7. Uso, transporte y almacenamiento de disolventes
- Factor 8. Sector industrial 2.

El modelo explica que los COVs fueron probablemente aportados en este estudio, el 55% por fugas de gas LP; el 10% de uso, transporte y almacenamiento de disolventes; el 9% de quema de diésel; dos posibles sectores industriales aportaron el 8%; el 7% de emisiones evaporativas; el 6% de emisiones vehiculares y el 5% de emisiones biogénicas (Figura 20). Es imporante señalar que las mediciones se realizaron en un bosque y por ello el aporte biogénico no es representativo de toda la región urbana.

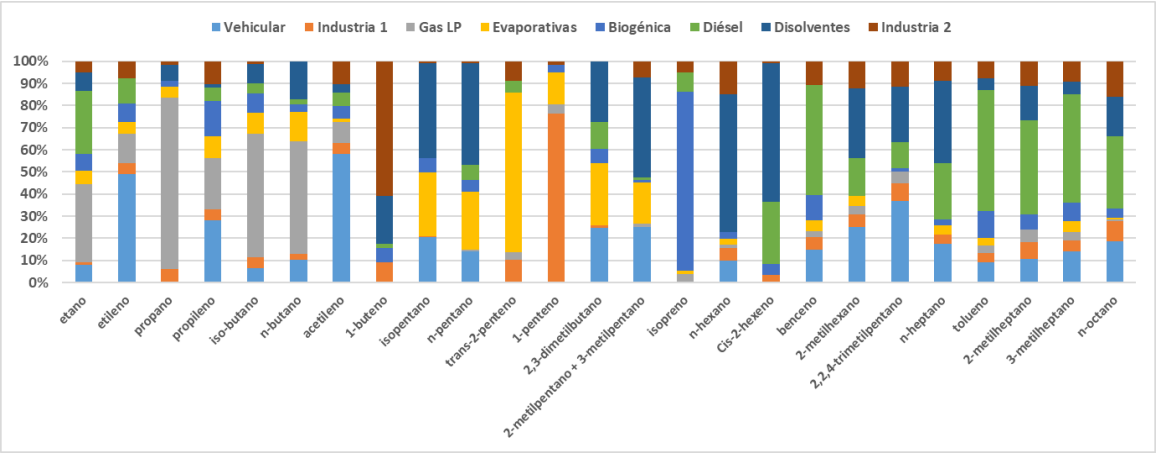

Figura 19. Perfiles de composición de los compuestos orgánicos volátiles (COVs) agrupados en 8 factores o fuentes potenciales de emisión obtenidos con el modelo PMF.

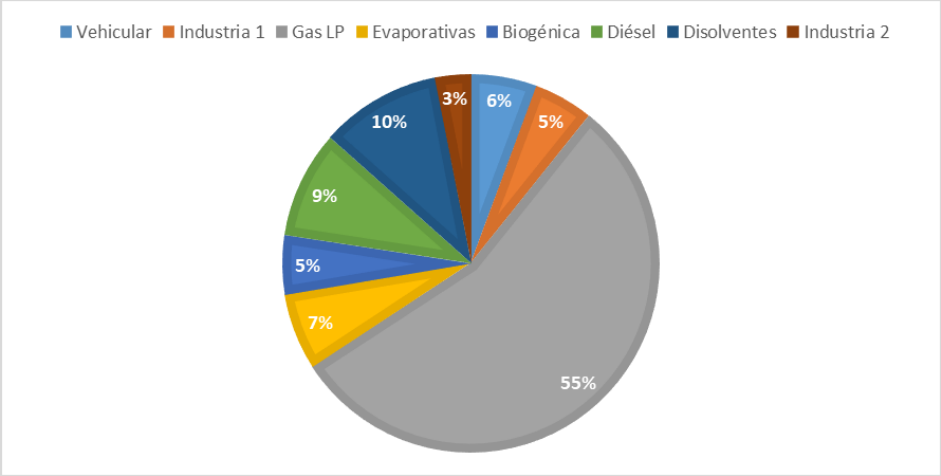

Figura 20. Contribución de fuentes generadas por el modelo PMF en la campaña de medición de COVs del 1° de mayo al 15 de junio de 2020.

Conclusiones y recomendaciones

Durante la Jornada Nacional de Sana Distancia, establecida por la Secretaria de Salud, derivado de la pandemia de COVID-19, la cual modificó el patrón de actividades de la población, se llevó a cabo una campaña de monitoreo y medición del 28 de abril al 15 de junio de 2020, con mediciones cada hora en el caso de COVs y cada dos horas en la medición de la composición química de $PM_{2.5}$, en los Viveros de Coyoacán, al sur de la Ciudad de México, se puede establecer las siguientes conclusiones y recomendaciones.

Para $PM_{2.5}$

Las fuentes probables que emiten partículas son la quema de biomasa con 49% del PM2.5, seguido de las emisiones vehiculares con el 20%, el sector metalúrgico con el 14%, tanto la industria de (Br, Cl, OC, Al, EC, Si, K) y la resuspensión del suelo cada una con el 5%, la incineración de residuos con el 4%, la industria (Zn, Se, Pb, Cl, Mn) con el 2 % y la quema de diésel con el 1%.

Se sugiere que se refuerce la difusión sobre la necesidad de la reducción de prácticas de quema de leña, carbón y basura, así como realizar la prevención de incendios forestales y evitar las quemas agrícolas en el periodo de seca caliente.

Es necesario identificar y regular a los talleres e industrias que procesen metales, así como verificar, vigilar y proponer mecanismos de control de emisiones a industrias de gran capacidad para reducir la presencia en el ambiente de elementos tóxicos.

Para compuestos orgánicos volátiles (COVs)

Los COVs medidos durante el presente estudio son probablemente el resultado de la aportación de las siguientes fuentes: el 55% por fugas de gas LP; el 10% de uso, transporte y almacenamiento de disolventes; el 9% de quema de diésel; dos sectores industriales aportaron el 8%; el 7% de emisiones evaporativas; el 6% de emisiones vehiculares y el 5% de emisiones biogénicas. Es imporante señalar que las mediciones se realizaron en un bosque y por ello el aporte biogénico detectado no es representativo de toda la región urbana. También cabe resaltar que hay COVs precursores de ozono clorados y oxigenados que no fueron evaluados en este estudio.

Se sugiere que las fugas de gas LP domiciliarias y emisiones fugitivas de comercios, servicios e industria, deben de ser atendidas por su elevada contribución en la localidad, aunque el propano y butano son poco reactivos en la atmósfera, en periodos de elevada estabilidad atmosférica permanecen en el sitio durante mucho tiempo y contribuyen a la formación de ozono.

En particular es necesario identificar, controlar y reducir las emisiones evaporativas y uso de disolventes en los procesos de pequeñas y medianas empresas, comercios y servicios, debido a que contienen compuestos orgánicos muy reactivos que aún en pequeñas liberaciones al ambiente propician la formación de compuestos secundarios orgánicos y elevadas concentraciones de ozono en el ambiente.

La prevención de incendios forestales y manejo adecuado agrícola sin el uso extensivo de las prácticas de rosa-tumba-quema traerán en consecuencia también reducciones en la formación de ozono.

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Anexo 1. Datos del Monitoreo Continuo de Parámetros Meteorológicos y Contaminantes Criterio obtenidos por la Unidad Móvil de INECC del 1 de mayo al 13 de junio de 2020 en los Viveros de Coyoacán de la Ciudad de México.

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
01-may	00	276.5	ND	23.9	28.3	776.8	0.4	7.5	9.1	1.02	0.6	ND	18
01-may	01	321	0.9	20.8	34.4	779.2	0.4	4.5	8.9	1.07	0.6	ND	13
01-may	02	316.6	1.2	19.4	42.2	779.9	0.4	6	7	1.02	0.6	ND	14
01-may	03	323.2	1.3	18.5	44.8	780.2	0.4	7.4	5.1	0.99	0.6	ND	14
01-may	04	317.7	1.3	17.5	48.2	780.4	0.4	7.1	5.3	1	0.6	ND	8
01-may	05	323.3	ND	17.6	46.9	780.7	0.4	5.7	8.7	1.05	0.6	ND	13
01-may	06	320.7	ND	17.6	47.9	780.8	10.9	3.6	10.3	1.18	0.7	14	8
01-may	07	298.2	ND	16.8	53.6	781.1	34.9	6.2	18.4	1.43	1	ND	7
01-may	08	276.5	ND	16.3	59.6	781.3	91	23.5	17.2	1.29	1.4	20	19
01-may	09	219.5	1.1	15.2	69.1	781.6	706.7	42.8	10.5	1.11	3.6	18	16
01-may	10	224.2	1.1	14	80.5	781.9	865.8	58.8	8.9	0.89	2.8	13	10
01-may	11	218.8	ND	13.4	84.8	781.9	968	77.8	10.3	0.69	2.2	24	14
01-may	12	315.3	ND	13.3	85.6	781.8	652.8	95.6	9.7	0.53	2.5	30	18
01-may	13	321	ND	13.1	90.2	781.9	618.5	87.2	6.3	0.44	2.1	30	23
01-may	14	294.3	0.2	13.2	90	782.2	517.6	70.9	2.8	0.29	1.4	15	12
01-may	15	3.2	ND	13.5	88.2	782.2	15.9	59.8	6.1	0.38	0.9	29	15
01-may	16	116.4	ND	13.7	84.6	782.1	30.1	50	6.5	0.63	0.8	32	30
01-may	17	330.3	0.2	13.7	83.8	781.9	72.8	40	6.3	0.76	0.7	11	8
01-may	18	306.4	ND	13.7	82.1	781.7	39.1	28.2	8.8	0.92	0.7	ND	17
01-may	19	327.5	ND	13.5	83.3	781.7	0.5	20.2	13.9	1.08	0.8	18	12
01-may	20	350.8	0.2	12.9	86.1	781.7	0.5	18.5	17.4	1.19	0.8	18	17
01-may	21	298	0.2	12.9	87.5	781.6	0.5	27.6	11.4	1.05	0.7	ND	15
01-may	22	175.7	ND	12.8	88.7	781.5	0.5	16.4	9.4	1.06	0.6	27	22
01-may	23	322.9	ND	12.9	88.8	781.4	0.5	10.3	14.9	1.14	0.7	17	14
02-may	00	339.5	0.3	12.7	88.3	781.5	0.5	6.8	12.3	1.14	0.7	ND	24
02-may	01	327.4	0.2	12.5	88.7	781.7	0.5	4.4	11.6	1.16	0.7	22	19
02-may	02	314.4	0.2	12.5	88.8	781.5	0.5	4.8	9	1.13	0.6	ND	23
02-may	03	329.4	0.3	12.5	87.7	781.4	0.5	3.8	7.1	1.11	0.6	ND	18
02-may	04	323.9	0.3	12.6	87.5	781.3	0.5	4.1	8.1	1.1	0.5	15	14
02-may	05	261.5	ND	12.3	88.1	781.3	0.5	2	10.3	1.17	0.6	16	15
02-may	06	318.6	0.2	12.2	89.7	781.4	12.1	1.3	11	1.36	0.8	20	19
02-may	07	300.5	0.2	12.2	89.9	781.4	38.8	5.4	15.5	1.45	1	14	9
02-may	08	311.3	0.2	12.1	89.8	781.4	82.4	26.9	21.4	1.42	1	ND	27
02-may	09	329.3	0.2	12.1	89.6	781.3	679.6	39	38.3	1.64	1.9	ND	35

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
02-may	10	328.9	ND	11.8	90	781.2	863.4	60.8	23.2	1.14	2	46	32
02-may	11	326.8	ND	11.6	90.4	781.2	969.7	81.1	11.5	0.65	1.9	37	22
02-may	12	317	ND	11.4	89	781.2	1011.6	88.5	8.2	0.39	1.7	29	18
02-may	13	312.7	0.2	11.3	88.2	781	946.4	87.5	4.3	0.21	1.6	26	19
02-may	14	292.6	0.1	11.2	89.3	780.9	803.6	86.5	3.2	0.08	1.4	24	22
02-may	15	311	ND	11.3	85.4	780.8	680	87.8	3.3	0.11	3	27	13
02-may	16	339.2	ND	11.1	86.2	780.8	430.1	84.2	3.1	0.25	4.8	19	16
02-may	17	313.7	ND	11.2	85.1	780.6	113.8	73.6	3.1	0.34	3	18	13
02-may	18	318.3	0.2	10.9	86.1	780.6	31.8	60.9	4.1	0.42	2.1	12	10
02-may	19	324.2	0.1	10.7	85.1	780.5	0.6	52.7	8.1	0.58	1.9	ND	14
02-may	20	319.6	0.2	10.5	85.4	780.5	0.6	41.1	3	0.61	1.2	25	20
02-may	21	319.4	0.1	10.3	86.4	780.5	0.6	35.6	3.8	0.66	1.1	ND	22
02-may	22	310.6	0.2	10.1	88	780.5	0.6	29.7	7.8	0.77	1	22	15
02-may	23	293.8	0.2	10.1	87.5	780.5	0.6	26.5	9.3	0.82	1	20	16
03-may	00	314	0.2	10.2	84.6	780.5	0.6	19.9	9.8	0.86	0.8	28	19
03-may	01	309.1	ND	10.1	85.4	780.5	0.6	15.7	9.8	0.88	0.8	28	26
03-may	02	331.3	ND	9.9	86.3	780.5	0.6	15	9	0.89	0.8	ND	21
03-may	03	332.6	0.1	9.7	85.3	780.5	0.6	14.2	8.7	0.9	0.8	19	17
03-may	04	321.7	0.1	9.5	86	780.7	0.6	12.8	9.2	0.9	0.7	ND	17
03-may	05	309.7	0.2	9.4	86.3	780.9	0.6	11.5	11.4	0.96	0.7	ND	18
03-may	06	307.6	0.2	9.5	86.9	781.1	13.1	5.6	18.3	1.13	0.9	25	24
03-may	07	327.3	0.2	9.6	87.6	781.2	41.8	12.5	17.2	1.19	1	ND	16
03-may	08	308.9	0.2	9.8	87.4	781.4	74	31.7	19.4	1.2	1.4	ND	28
03-may	09	287.6	0.1	10.2	86.8	781.5	711	56.7	14.3	1.03	1.7	27	23
03-may	10	203.7	ND	11.3	80.6	781.6	899.3	77.8	11.1	0.78	2.1	36	27
03-may	11	270.8	ND	12.1	74.7	781.7	1019.1	85.4	7.1	0.4	1.9	33	25
03-may	12	209.1	ND	12.7	73	781.8	1056.7	85.8	2.1	0.14	1.5	24	12
03-may	13	135.3	ND	13.4	70	781.8	984.4	92.1	1.1	0.02	1.7	22	11
03-may	14	174.4	ND	14	68.4	781.9	878.2	77.5	0.1	0.0	1.7	20	15
03-may	15	135.2	ND	14.8	63.9	781.8	692.4	82.6	0.0	0.0	4.4	20	13
03-may	16	138.8	ND	15.9	60.4	781.9	464.4	76.6	1	0.1	3.8	17	10
03-may	17	223.5	ND	16.6	57.3	781.9	104.6	71.9	1.4	0.21	2.2	13	10
03-may	18	205.5	ND	17.5	54.1	781.9	14.3	62.2	3.2	0.31	1.9	19	15
03-may	19	237.9	ND	18.2	52.1	781.9	0.7	50.8	3.3	0.43	1.5	15	13
03-may	20	260.5	1	19.2	47.6	781.9	0.6	44.6	2.1	0.49	1.2	21	15
03-may	21	313.1	ND	20.2	45.1	781.8	0.6	41.5	3.1	0.5	1	25	18
03-may	22	148.7	1.1	20.4	42.8	781.7	0.7	35.5	5.8	0.58	1	ND	17
03-may	23	151.7	1.3	20.5	42.3	781.6	0.7	22.4	11.6	0.8	1.1	ND	32
04-may	00	218.5	1.1	20.4	39.4	781.4	0.8	19.7	9.3	0.74	0.9	ND	34
04-may	01	314.7	1	21.7	37	781.3	0.8	16.7	9.8	0.74	0.9	ND	19

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
04-may	02	211.8	ND	21.7	34.8	781.2	0.8	13.2	10.9	0.74	0.8	ND	20
04-may	03	305	ND	22.3	33.7	781.1	0.8	10.9	11.1	0.76	0.8	18	13
04-may	04	317.7	0.9	22.9	33.2	780.8	0.9	9.6	14	0.84	0.8	ND	20
04-may	05	54.4	ND	23.5	32.5	780.7	0.9	1.5	23.4	1.07	1.1	ND	21
04-may	06	278.8	1	24.1	31.8	780.5	13	1.7	24	1.12	1.2	25	18
04-may	07	58.8	1.3	23.6	32	780.3	43.1	4.1	27.6	1.34	1.4	17	16
04-may	08	148.6	1.2	23.2	32.4	780	70.5	24.6	28.5	1.2	1.4	29	24
04-may	09	178.6	ND	23.1	32.5	779.9	699	52.5	16.8	0.93	1.4	29	17
04-may	10	271.8	1	22.8	32.6	779.7	878.5	71.8	14.4	0.54	1.5	38	25
04-may	11	211.9	1	23.5	32	779.5	982.8	71.6	12.3	0.11	1.6	40	19
04-may	12	309.8	ND	24.8	28.9	779.2	1024.5	68.4	2.5	0.0	1.1	24	15
04-may	13	300.6	ND	24.5	26.3	779	987.2	68	0.8	0.0	1.1	16	9
04-may	14	296.5	0.9	25.3	22.8	778.7	877.5	73.4	0.6	0.0	1.5	18	9
04-may	15	311.2	0.9	25.8	23.6	778.4	582.5	78.3	1.2	0.0	3.9	22	10
04-may	16	300.3	1.1	25.6	24.7	778.3	297.1	75.7	2.4	0.0	3.5	ND	18
04-may	17	315.9	ND	25.2	26.2	778.2	109.9	69.2	2.1	0.06	2.3	24	13
04-may	18	264.8	1.5	23.4	27.4	778.6	4.8	54.6	4.8	0.21	1.6	23	18
04-may	19	256.8	ND	22.3	29.1	779.1	0.6	47.6	5.1	0.34	1.2	21	13
04-may	20	281.4	1.5	21.5	31.8	779.6	0.6	42.1	4.3	0.45	1	33	19
04-may	21	309.4	1.1	18.8	50.5	780.2	0.6	40.7	5	0.56	1	31	19
04-may	22	290.1	ND	15.6	75.2	780.4	0.6	38.9	5.3	0.6	1	ND	22
04-may	23	282.3	1.4	14.4	79.2	780.4	0.6	36	6.1	0.64	1	ND	14
05-may	00	292.8	1.5	13.7	80.3	780.6	0.5	23.4	8.9	0.71	0.9	ND	10
05-may	01	293.8	1.4	13	84.7	780.8	0.5	24.4	6.7	0.74	0.9	ND	23
05-may	02	289.5	1.3	13.1	84.8	780.7	0.5	23.2	6.2	0.76	0.8	20	15
05-may	03	300.6	ND	13.1	84.8	780.4	0.5	27.4	5.6	0.85	1.1	26	22
05-may	04	310.2	ND	13.3	80.3	780.1	0.5	27.7	8.3	0.93	1.2	ND	42
05-may	05	305.4	ND	13.2	88.8	780	0.5	10.1	23	1.02	2	38	35
05-may	06	19.4	ND	13.8	84.7	780	15	6	26.3	1.15	2	36	30
05-may	07	359.4	ND	14	86	780.2	53.1	18.1	24	1.2	4.4	ND	36
05-may	08	344.8	ND	14.3	81.1	780.5	88.5	23.2	27.8	1.13	11	41	36
05-may	09	324.2	0.2	14.1	85.9	780.8	676.9	44.7	14.4	0.86	11.8	30	25
05-may	10	333.4	0.3	14.1	85.2	780.9	867.2	60	8.4	0.57	5.7	28	9
05-may	11	317	0.3	13.9	85.9	781	977.2	69.7	9.8	0.32	3.8	29	18
05-may	12	311.3	ND	13.6	83.1	781.4	1023.1	77.9	5.8	0.1	3.3	32	16
05-may	13	302.7	ND	13.7	83.4	781.8	686.5	83.4	2.4	0	2.8	24	10
05-may	14	288.1	ND	13.7	86.7	782	305.8	86.7	2	0.07	2.5	25	20
05-may	15	308.5	ND	13.8	84.6	782.1	318.3	86.7	2.3	0.17	2.4	18	12
05-may	16	310.1	ND	13.9	84.7	782.1	241.5	70	3.3	0.22	2	24	10
05-may	17	306.9	ND	13.9	79.6	782.1	122.3	62.1	4.5	0.27	1.8	18	12

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
05-may	18	292.7	ND	14.1	71	782	9.8	47.5	4.3	0.34	1.3	53	26
05-may	19	261.2	0.2	13.9	76	781.8	0.7	40.8	5.1	0.49	1.1	49	35
05-may	20	239.6	ND	13.8	76.8	781.6	0.8	41.1	3.9	0.65	0.9	ND	21
05-may	21	207.9	ND	14.2	72.4	781.4	0.8	36.8	4.4	0.75	0.8	19	16
05-may	22	323.6	ND	14.3	74.6	781.5	0.8	32.2	4.4	0.79	0.8	ND	23
05-may	23	341.6	0.2	13.6	81.9	781.8	0.8	28.3	4.8	0.83	0.6	ND	15
06-may	00	339.8	ND	13	82.9	782	0.8	20.2	5.1	0.84	0.6	ND	17
06-may	01	303.5	ND	12.8	82.7	782	0.8	15.4	5.2	0.83	0.6	ND	15
06-may	02	305.2	ND	13.1	81.7	782	0.8	13.4	5.1	0.85	0.6	ND	11
06-may	03	295	0.2	13.3	82.3	782.1	0.8	8.6	6.5	0.91	0.5	ND	16
06-may	04	219.2	0.2	13.4	82.1	782.2	0.9	6.3	9.5	0.99	0.6	ND	19
06-may	05	332.8	0.2	13.4	84.3	782.2	0.9	5.8	13.2	1.07	0.6	22	15
06-may	06	251.8	ND	13.4	81.3	782.3	13	2.3	15.9	1.16	0.7	ND	21
06-may	07	330.3	0.2	13.4	83.3	782.2	52.6	3.9	20.7	1.27	0.9	ND	21
06-may	08	299.6	ND	13.1	83.3	782	95.5	32.5	10.5	0.99	1.5	17	12
06-may	09	335	0.3	12.7	84.9	781.9	676.7	48.3	6.6	0.87	1.4	ND	16
06-may	10	332.9	0.2	12.2	87.8	781.7	856.1	61.1	7.4	0.71	1.6	13	8
06-may	11	327.5	0.2	12	88.6	781.6	953.2	71.8	11.5	0.53	1.8	31	23
06-may	12	318.5	0.2	11.8	89.2	781.4	988.3	91.9	10.2	0.39	1.6	34	25
06-may	13	321	0.1	11.7	89.5	781.3	922.4	113.8	9.6	0.31	1.7	34	27
06-may	14	318.3	0.2	11.6	90	781.1	782.2	109	6.4	0.17	1.9	35	23
06-may	15	310.5	ND	11.4	89.8	780.9	168.9	109.4	6.8	0.21	2.3	38	32
06-may	16	305.8	ND	11.2	90.1	780.8	49.3	91.2	7.1	0.42	1.8	42	30
06-may	17	332.1	0.1	11.1	89.4	780.7	38.1	56.9	6.3	0.46	1.1	38	25
06-may	18	313	0.1	10.9	89.1	780.6	13.1	38.4	9.2	0.6	0.9	ND	27
06-may	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06-may	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06-may	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06-may	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06-may	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07-may	00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07-may	01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07-may	02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07-may	03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07-may	04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07-may	05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07-may	06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07-may	07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07-may	08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07-may	09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
07-may	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07-may	11	172.4	ND	18.3	57.2	781.5	754.8	47.3	18.3	0.96	1.5	55	52
07-may	12	314.5	ND	18.7	55.3	781.5	713.4	69.9	15	0.65	2.5	ND	63
07-may	13	293.4	ND	19.5	53.4	781.4	128.9	67.3	17.9	0.68	1.9	66	62
07-may	14	308.5	ND	20.5	51.3	781.2	70.9	58.5	21.8	0.88	1.6	ND	57
07-may	15	283.9	1.2	20.8	49.4	781	56.8	56	16.6	0.82	1.3	ND	53
07-may	16	281.5	1.2	20.5	48.3	781	109.1	57.4	8.2	0.62	0.7	ND	18
07-may	17	294.3	1.2	20.9	47.3	780.8	78.8	49.9	8.9	0.63	0.8	ND	9
07-may	18	245.7	1	21.5	45.7	780.5	26.6	38.5	9.9	0.67	0.9	17	15
07-may	19	299.4	ND	21.5	46.3	780.2	1.5	35.7	17.9	0.79	1.3	16	15
07-may	20	308.8	ND	22	45.3	780	1.3	35.5	14.3	0.81	1.3	37	25
07-may	21	279.3	ND	21.3	46.3	780	1.2	33.1	10.1	0.8	0.9	38	32
07-may	22	23.2	ND	20.7	47.5	779.8	1.2	29.4	8.6	0.82	0.9	ND	29
07-may	23	203.8	ND	20.1	51.4	779.6	1.1	22.7	7	0.81	0.8	ND	24
08-may	00	237.6	ND	20.1	50.8	779.5	1	16.1	5.8	0.84	0.7	ND	26
08-may	01	252.7	ND	20.2	50.5	779.4	1	14.7	5.3	0.84	0.6	ND	24
08-may	02	201.8	1	19.8	52.9	779.2	1	13.6	4.1	0.83	0.7	ND	18
08-may	03	239.6	ND	19.5	55.3	779.2	1	8.7	7.3	0.88	0.6	ND	16
08-may	04	245.2	ND	19.9	52.4	779.1	1	6.5	12.4	0.98	0.7	ND	26
08-may	05	293.6	1.2	19.9	52.4	778.7	1	3.3	17.2	1.1	0.8	ND	27
08-may	06	283.4	ND	19.6	53	778.8	13.2	1.3	21.4	1.44	1.2	30	27
08-may	07	289.7	1.2	19.5	49.7	778.6	46.6	4.6	23.8	1.47	1.2	30	26
08-may	08	287.4	1.2	18.9	47.3	778.4	75.7	33.6	16.9	1.09	0.9	ND	26
08-may	09	282.7	1.8	18.2	50.8	778.4	628.5	45.8	17.4	1.05	1	23	21
08-may	10	295.1	1.6	18.4	47.8	778.1	746.1	68	15.9	0.79	1.1	28	22
08-may	11	288.6	1.4	18.7	45.9	777.8	714.7	85.3	15.2	0.57	1.3	49	44
08-may	12	298.6	ND	19	44.4	777.8	967.7	73.4	3.5	0.18	1.3	35	31
08-may	13	317.1	ND	19.4	43.4	777.7	743.5	70.7	1.5	0.0	1.2	24	19
08-may	14	310.5	ND	19.8	41.8	777.7	436.5	69.1	8.7	0.13	1.5	45	37
08-may	15	338.1	ND	20.2	42.8	777.8	199.2	55.7	6.4	0.12	1.1	ND	26
08-may	16	290.4	ND	20.6	42.3	777.9	193.8	60.7	5.2	0.24	1.2	29	22
08-may	17	320.3	ND	20.5	42.3	778	36.4	63.3	5.4	0.33	1.1	31	29
08-may	18	334.7	ND	20.1	47.2	778.2	25.1	56.7	6.2	0.51	1	ND	25
08-may	19	0.3	ND	19.5	50.3	778.5	1.3	44.9	7.5	0.64	1	ND	25
08-may	20	326.6	0.2	19.2	50.9	778.7	1.3	33.8	12.6	0.8	1	ND	27
08-may	21	341.6	ND	18.7	52.7	779	1.3	27.8	16.8	0.97	1	ND	28
08-may	22	321.9	ND	18.7	50.8	779.3	1.3	39.4	11.4	0.85	1.1	35	33
08-may	23	321.6	1.1	18.6	52.6	779.4	1.2	30.4	6.7	0.79	0.9	53	50
09-may	00	303.2	ND	18.2	55.2	779.6	1.1	25.8	4.8	0.8	0.9	ND	36
09-may	01	325.6	ND	17.8	57	779.8	1.1	17.9	4.4	0.84	0.8	ND	32

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
09-may	02	319.1	ND	17.4	59	780	1.1	9.9	5.2	0.86	0.8	ND	25
09-may	03	312	ND	17.1	61.5	780.2	1.1	6.2	5.9	0.89	0.7	ND	31
09-may	04	318.4	ND	17	63.4	780.4	1	7.7	6.2	0.89	0.7	ND	31
09-may	05	305.2	ND	16.9	64.8	780.6	1	5.9	6.9	0.91	0.7	ND	31
09-may	06	309.1	ND	16.4	70.1	780.7	7.8	2.8	12.1	1.02	0.8	ND	37
09-may	07	299.3	ND	15.5	78.7	780.9	54.3	5.8	20.4	1.05	0.9	37	34
09-may	08	299.7	ND	15.4	79.3	781	158.5	19.8	16.6	0.94	0.9	ND	33
09-may	09	296.6	ND	15.1	79.7	781.1	557.5	42.5	11.5	0.78	2.1	ND	12
09-may	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09-may	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
10-may	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-may	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-may	00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-may	01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-may	02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-may	03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-may	04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-may	05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-may	06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-may	07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-may	08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-may	09	208.8	ND	16.8	69.8	783.1	ND	ND	ND	ND	ND	ND	16
11-may	10	153.2	0.9	17	67.5	783	820	49.9	12.4	0.72	0.8	8	3
11-may	11	212.7	1	17.4	64	782.9	932.8	75	9.4	0.47	1	ND	18
11-may	12	185.8	ND	18	63.2	782.8	643	99.2	9.2	0.32	1.1	ND	25
11-may	13	2.2	ND	19.3	57.7	782.7	237.5	97.5	9.1	0.34	1.1	30	25
11-may	14	137.8	1	19.6	56.5	782.6	495.5	91.5	8.8	0.45	1.1	26	22
11-may	15	155	1.2	19.9	54.5	782.3	422.7	71.6	2	0.25	0.7	15	9
11-may	16	261.3	ND	20.4	52.3	782.1	90.2	83.1	8	0.41	0.9	ND	19
11-may	17	347.3	1.1	21.2	50.1	781.9	30.9	67.6	14	0.52	1	28	27
11-may	18	313.8	ND	21.5	48.1	781.7	0.9	58.1	10.7	0.58	0.8	ND	29
11-may	19	170.9	1.1	22.1	44.9	781.6	0.8	48.1	10.5	0.72	0.8	ND	20
11-may	20	277.8	1.1	22	44.6	781.4	0.8	41.1	12.6	0.81	0.8	20	19
11-may	21	297.9	1	23.1	42.8	781.3	0.8	38.2	11	0.85	0.7	ND	25
11-may	22	322.2	ND	23.2	42.3	781.1	0.8	26	14.1	0.95	0.7	ND	25
11-may	23	313.6	ND	23.7	39.8	780.8	0.8	19	13.1	0.91	0.9	ND	24
12-may	00	281.4	ND	23.1	39.5	780.7	0.8	16.1	9.5	0.83	0.7	ND	26
12-may	01	254	ND	23	37.8	780.5	0.8	10.3	11.9	0.89	0.7	ND	27
12-may	02	300.4	ND	23.1	38.8	780.2	0.8	9.8	10.9	0.92	0.7	ND	27
12-may	03	280.7	ND	23.2	39.2	780	0.8	11.4	8.6	0.93	0.7	27	25
12-may	04	282.4	ND	23.4	38.9	779.9	0.8	7.3	9.2	0.98	0.7	ND	36
12-may	05	278.7	1.1	23.5	41.1	779.7	0.8	1.7	15.7	1.1	0.8	ND	31
12-may	06	212.8	1.2	23.4	40.9	779.5	16.1	1.4	16.8	1.39	1.2	34	32
12-may	07	265.6	ND	24	39.1	779.4	41.9	4.4	21	1.48	1.2	37	28
12-may	08	209	1.8	23.7	32.9	779.4	72	31.4	15.1	1.03	0.9	ND	28
12-may	09	187.9	2.3	22.4	34.3	779.3	613	48.3	13.6	0.95	0.9	ND	20

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
12-may	10	174.9	2.3	21.7	39	779.1	693.5	64.1	19.8	0.91	1	30	20
12-may	11	166.4	1.7	21.9	39.1	778.9	649.9	81.5	12.8	0.55	1.2	40	32
12-may	12	178.5	1.5	22.7	34.5	778.7	765.7	88.7	7.1	0.26	1.3	28	24
12-may	13	188.7	ND	22.7	35.9	778.7	837.2	86.4	3.4	0.1	1.1	22	15
12-may	14	328.3	ND	23	36.3	778.9	528.3	91.4	4.3	0.03	1.1	23	22
12-may	15	322.1	ND	21.9	41.3	779	137.9	64.4	3.5	0.08	1	35	21
12-may	16	319.7	ND	21.3	44.4	778.9	234	65.2	4.6	0.22	1.1	ND	22
12-may	17	325.4	ND	20.8	48.2	778.9	142.2	63	3.7	0.31	1.1	27	16
12-may	18	322.5	ND	20.7	49.6	779	37.9	52.1	5.6	0.36	1.1	ND	24
12-may	19	302.8	ND	20.6	49.9	779.2	0.7	36.8	13.6	0.52	1.1	ND	30
12-may	20	287.5	1.4	19.3	54.4	779.3	0.7	27.9	12.8	0.64	0.9	37	30
12-may	21	287.1	1.2	17.3	66.5	779.3	0.7	29.1	9.4	0.69	1	ND	37
12-may	22	290.3	ND	17	67.3	779.4	0.7	23.7	16.2	0.88	1	ND	33
12-may	23	289.1	ND	17.2	64	779.5	0.7	22.8	12	0.83	1	ND	33
13-may	00	300.3	ND	17.3	62.3	779.5	0.7	30.3	6.6	0.79	0.9	ND	33
13-may	01	310.1	ND	17.4	61.9	779.4	0.7	26.3	7.2	0.8	0.9	ND	35
13-may	02	323.1	ND	17.5	61.5	779.4	0.7	23.9	6.6	0.79	0.9	ND	32
13-may	03	357	0.2	17.3	67	779.5	0.7	18.8	6.8	0.81	0.9	ND	34
13-may	04	302.8	ND	17.3	66.2	779.6	0.7	18.5	7	0.89	0.8	ND	31
13-may	05	313.1	ND	17.4	64.5	779.7	0.7	13.5	10.7	0.9	0.8	ND	29
13-may	06	323.6	ND	17.4	66.1	779.9	19.1	4.5	20.5	1.06	0.9	ND	36
13-may	07	309.5	ND	17.3	66.7	780.1	60.9	6.6	22.2	1.24	1	22	17
13-may	08	307.6	ND	17	67.2	780.2	86.4	29.3	23.7	1.17	1.2	ND	31
13-may	09	299.6	ND	17	66.9	780.3	595.4	48.3	19.1	1.04	1.3	ND	36
13-may	10	317.4	0.2	17	68	780.4	846.2	66.1	11.6	0.71	1.3	33	31
13-may	11	313.5	0.2	16.9	68.8	780.5	953.7	75.3	4.3	0.33	1.1	33	25
13-may	12	331.8	ND	16.9	69.5	780.5	824	74.2	1	0.06	1.4	28	23
13-may	13	323.1	0.2	16.7	70.8	780.5	535.1	74.5	0.2	0	2.7	32	25
13-may	14	313.5	0.2	16.4	72.5	780.6	318.2	66.3	0.0	0.01	2.4	ND	30
13-may	15	313.2	0.2	16.3	73.5	780.7	221.9	62.9	0.0	0.11	1.4	29	26
13-may	16	304.1	ND	16.3	72.9	780.7	106	65.7	0.1	0.23	1.4	ND	27
13-may	17	307.7	ND	16.3	73.1	780.7	127.2	71.1	0.7	0.29	1.6	34	33
13-may	18	310.4	ND	16.5	72.5	780.7	26.2	72.5	1.4	0.37	1.6	39	36
13-may	19	302.9	ND	16.2	75.3	780.7	0.7	67.1	2.7	0.46	1.7	ND	45
13-may	20	320.9	ND	15.9	76.1	780.6	0.7	48.6	5.7	0.54	1.4	ND	48
13-may	21	316	0.2	15.7	77.8	780.5	0.6	36.5	9.4	0.61	1.4	ND	47
13-may	22	256.4	ND	15.5	79.2	780.3	0.6	37	6.2	0.56	1.1	ND	34
13-may	23	140.2	0.1	15.3	78.9	780.2	0.7	37.9	3.4	0.54	1	ND	26
14-may	00	330.6	ND	15	81.1	780.2	0.7	32.6	4.6	0.62	1	34	26
14-may	01	334.3	ND	14.7	83.1	780.2	0.7	22.3	8.4	0.74	0.9	ND	32

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
14-may	02	323.4	ND	14.3	84.1	780	0.8	17	10.6	0.81	0.9	ND	32
14-may	03	328.5	ND	14.1	83.9	779.7	0.8	13.1	14.8	0.81	1.3	ND	36
14-may	04	319.5	0.2	14.1	83.9	779.6	0.8	7.7	16.6	0.87	1.1	ND	36
14-may	05	335.5	0.2	13.9	84.3	779.5	0.9	3.5	22.9	1.06	1.1	ND	35
14-may	06	247.7	0.1	13.7	84.1	779.5	20.6	1.9	24.2	1.26	1.2	ND	43
14-may	07	308.6	ND	13.6	84.5	779.4	67.2	3.1	27.1	1.46	1.4	37	35
14-may	08	339.5	ND	13.3	86	779.4	103.9	31.2	20.1	1.14	1.3	ND	36
14-may	09	309.6	ND	13.2	85	779.4	557.2	45.4	19.7	1.08	1.5	ND	37
14-may	10	303.8	ND	13.2	83.1	779.3	782.9	65.9	14.5	0.84	2	40	38
14-may	11	345.2	0.2	12.9	84.8	779.3	917.3	80.8	5.9	0.48	1.6	46	45
14-may	12	333.6	0.2	12.6	85.9	779.3	932.4	82.2	1.8	0.16	1.6	42	36
14-may	13	313.2	0.2	12.4	87.4	779.2	747.8	93.2	3.2	0.06	1.7	40	37
14-may	14	314.3	0.2	12.3	87.9	779.2	576.1	77.1	3.8	0.1	2	ND	54
14-may	15	321	ND	12.3	88.2	779.3	481.3	69.4	2.5	0.08	2.5	57	43
14-may	16	282.6	0.1	12.1	88.7	779.3	55.3	65.6	3.7	0.21	2.6	ND	39
14-may	17	304.6	0.1	12	89.2	779.4	32.6	59.8	7.7	0.56	2	46	45
14-may	18	299.3	0.2	12	89.3	779.5	30.7	59.3	8.1	0.5	1.6	ND	35
14-may	19	312.7	ND	12	89.9	779.6	0.8	45.2	7.5	0.49	1.4	ND	41
14-may	20	237.5	ND	11.8	90.2	779.7	0.8	35.1	10.8	0.6	1.4	ND	43
14-may	21	323.1	0.2	11.9	90.7	779.7	0.8	30.3	16.5	0.77	1.5	ND	38
14-may	22	327.9	ND	11.9	90.4	779.8	0.8	16.2	27.3	1	1.4	ND	45
14-may	23	316.5	0.2	11.8	90	780	0.9	31.8	9.3	0.54	1.1	ND	35
15-may	00	268.2	0.1	11.9	90.1	780.2	0.8	26.1	7.2	0.56	1	33	28
15-may	01	317.3	0.2	12.2	90.9	780.3	0.8	20.8	9.4	0.7	1	ND	37
15-may	02	311.5	ND	12.7	88.9	780.4	0.9	17.8	13.5	0.79	1.1	ND	38
15-may	03	249.5	ND	13.3	86.7	780.5	0.8	13.3	18.2	0.88	1.1	ND	49
15-may	04	111.7	ND	14.7	78.2	780.5	0.8	8.3	17.5	0.85	1	ND	42
15-may	05	326.5	ND	15.4	75.2	780.6	0.8	3.4	21.6	0.9	1	ND	43
15-may	06	110.3	ND	16.1	70.4	780.6	19.4	1.9	28.2	1.4	1.6	ND	42
15-may	07	295	ND	16.8	66.9	780.6	59.3	3	32.4	1.6	1.8	47	42
15-may	08	312.1	ND	17.5	64.7	780.8	90.7	13.3	40.2	1.26	1.8	48	41
15-may	09	113.4	ND	18.5	59	780.8	558.6	37.7	31.8	1.05	2	49	44
15-may	10	316.2	ND	20.5	51.9	780.8	815.2	68.7	11.5	0.64	1.4	39	30
15-may	11	293.3	ND	21.1	49.6	780.8	825.6	87	4.8	0.26	1.5	40	34
15-may	12	272.6	ND	21.3	46.7	780.8	592.8	78.2	2.7	0.06	1.6	37	36
15-may	13	308.2	ND	21.7	45.5	780.7	497.1	74.5	2.7	0.06	1.6	41	35
15-may	14	315.9	ND	22.6	43.4	780.6	297.1	77.7	3.4	0.08	1.7	40	31
15-may	15	318.3	ND	23.1	42.3	780.5	92.1	78.1	3.2	0.17	1.8	46	42
15-may	16	270.5	ND	23	42.1	780.4	79.1	72.4	4.5	0.3	1.8	48	39
15-may	17	334.1	ND	22.6	44.1	780.4	101.2	66.9	2.7	0.27	1.6	ND	39

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
15-may	18	288.6	1	22.8	41.1	780.3	24.2	69.8	1.9	0.34	1.7	ND	43
15-may	19	287.5	1.1	23.3	39.1	780.1	0.8	62.3	3	0.4	1.5	ND	43
15-may	20	284.1	ND	23.6	37.4	779.9	0.9	37.9	6.3	0.43	1.1	ND	37
15-may	21	149.5	1.3	22.7	36.2	779.8	1	31.6	4.7	0.45	1	ND	29
15-may	22	176.4	1	23.2	34.6	779.6	1.1	34.9	1.7	0.38	0.9	ND	17
15-may	23	206.7	1	23.7	33.1	779.5	1.1	23.6	2.6	0.53	0.8	ND	23
16-may	00	317.3	ND	24.7	31.8	779.3	1.3	16.4	6.1	0.67	0.8	13	12
16-may	01	305.8	ND	25.4	29.5	779.1	1.3	10	10.2	0.87	0.9	ND	30
16-may	02	326.6	ND	25.4	28.6	779	1.5	15.4	11	0.77	0.9	ND	27
16-may	03	196	1.2	25.3	27.6	778.7	1.7	9.9	15.6	0.82	0.9	27	24
16-may	04	171.5	1.4	25.1	27.8	778.5	1.6	4.7	18.5	0.81	0.9	ND	29
16-may	05	238.7	ND	25.4	27.7	778.4	1.5	2.6	21.8	0.83	2.1	ND	28
16-may	06	178.2	1.3	25.9	27.5	778.2	19.5	6.6	17.5	0.78	0.8	18	17
16-may	07	141.1	1.4	25.9	26.9	777.9	42.5	12.7	14.4	0.81	0.8	9	4
16-may	08	183	1	26.5	25.9	777.7	55.2	34.5	6.3	0.72	0.9	ND	20
16-may	09	351.1	ND	26.6	27	777.6	602.6	44.8	2.8	0.6	0.9	ND	13
16-may	10	157.6	1.2	24.8	32	777.6	884.4	54	0.0	0.38	0.9	14	3
16-may	11	165.8	1.6	23.9	37.3	777.5	980.1	56.3	0.3	0.03	0.9	20	12
16-may	12	185.3	1.4	23.7	36.8	777.5	1012.9	55.6	ND	0.0	1.1	22	13
16-may	13	206.8	1.5	23.7	33.7	777.5	906.3	64.1	0.0	0.0	1.3	20	15
16-may	14	200.7	1.2	24	30.9	777.3	276.7	72.1	0.0	0.0	1.5	39	23
16-may	15	211.9	ND	24.6	35.4	777.2	103	55.2	0.2	0.0	1.2	36	29
16-may	16	177.8	1.1	24.4	38.7	777.1	441.7	50.1	0.0	0.0	0.9	30	16
16-may	17	165.3	1.2	24.2	40	777	169.8	51.5	0.0	0.02	1.1	30	20
16-may	18	145.5	1.1	24.3	37.4	776.9	26.5	45.2	0.0	0.09	0.9	ND	25
16-may	19	145	1.1	24.8	36.2	776.9	1.4	37	ND	0.17	0.8	21	14
16-may	20	127	ND	25.1	36.9	776.9	1.2	33.2	2.5	0.25	1	18	15
16-may	21	163.2	1	25	36.3	776.9	1.2	29	0.1	0.31	0.9	22	13
16-may	22	148.1	1.2	24.7	35.9	776.8	1.2	21	4.1	0.42	0.8	22	21
16-may	23	140	1.1	24.7	32.5	776.9	1.3	17.7	0.7	0.58	0.8	17	16
17-may	00	280.4	ND	25.1	25.8	777	1.2	18.5	7.8	0.66	0.9	ND	28
17-may	01	279.5	ND	24.7	25.1	777.1	1.2	18.4	7.3	0.74	0.9	25	19
17-may	02	304	ND	24	26.5	777.2	1.1	18.4	5.4	0.69	0.9	ND	31
17-may	03	285.8	ND	23.5	27.8	777.4	1	20.5	2.7	0.58	0.7	18	16
17-may	04	292.8	ND	22.8	29.1	777.5	1	22.6	4.9	0.54	0.7	ND	16
17-may	05	298.8	0.2	22	32.4	777.7	1	18.1	5.8	0.55	0.7	15	11
17-may	06	288.1	ND	21.2	35	777.8	18.1	10.6	7.4	0.62	0.7	ND	17
17-may	07	300.6	ND	20.6	39	778	51.3	6.7	12.3	0.76	0.8	ND	11
17-may	08	302	0.2	19.7	43.4	778.1	77.7	27	13.6	0.81	11.4	18	16
17-may	09	258	ND	19	44.8	778.1	557.9	46.6	7.8	0.68	12.7	ND	33

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
17-may	10	296.1	ND	18.9	43.5	778.2	845.4	59.2	6.5	0.53	8.6	29	25
17-may	11	274	0.2	18.7	44.6	778.3	915.5	78.1	4	0.25	5.6	38	30
17-may	12	325.7	0.2	18.2	47.6	778.4	977.3	89.3	0.0	0	4.4	40	31
17-may	13	316.5	ND	17.5	51.6	778.4	963	88	0.0	0.0	3.6	28	27
17-may	14	314.3	ND	16.9	52.8	778.5	778.5	83	ND	0.0	3	27	20
17-may	15	319.3	ND	16.6	54.2	778.7	358.8	86.2	ND	0.0	2.8	31	25
17-may	16	306.2	ND	16.4	52.2	778.7	238.7	89.2	0.0	0.0	2.7	24	23
17-may	17	316.9	ND	16.2	54.8	778.8	63.6	81.9	ND	0.15	2.6	ND	37
17-may	18	284.4	0.2	15.9	56.7	778.9	16.9	74.1	0.5	0.27	2.3	ND	38
17-may	19	318.9	0.2	15.7	59.3	778.9	1.5	65.6	4.7	0.36	2.1	40	39
17-may	20	323.5	ND	15.4	59.4	779	1.7	50.7	8.9	0.45	1.7	41	37
17-may	21	246.6	ND	15.3	59.3	779.1	1.2	53.4	6.5	0.41	1.7	41	35
17-may	22	91.5	ND	15.3	58.7	779.2	1.2	49.7	4	0.35	1.4	47	38
17-may	23	288.2	0.2	15	60.5	779.2	1.4	47.3	2.6	0.33	1.3	47	33
18-may	00	299.7	ND	15	58.8	779.3	1.4	46.1	2.2	0.34	1.2	31	26
18-may	01	314.2	ND	16	51.3	779.1	1.3	45.7	3.8	0.41	1.3	34	33
18-may	02	281.1	ND	16	48.4	779	1.4	45.1	1.7	0.45	1.4	28	27
18-may	03	301.8	ND	15.8	53.2	779	1.4	36.9	2.9	0.51	1.2	ND	29
18-may	04	306.4	ND	15.3	56.6	778.8	1.1	34	6	0.59	1.4	ND	32
18-may	05	300	ND	14.8	58.5	778.6	1	21.1	13.8	0.67	1.3	35	31
18-may	06	294.8	ND	14.7	57.1	778.4	17.8	12.9	18.8	0.76	1.1	61	43
18-may	07	316.8	0.1	14.5	59.9	778.4	62.5	17.2	19.8	0.88	1.3	95	42
18-may	08	303.1	0.1	14.1	62.2	778.4	101.7	37.1	16.9	0.85	1.5	39	33
18-may	09	328.1	0.3	13.8	62.4	778.3	524	48	13.4	0.77	1.5	33	29
18-may	10	319.8	0.2	13.5	64	778.2	804.6	66.8	7.4	0.57	1.6	31	20
18-may	11	308.3	ND	13.2	64.2	778.1	907.9	84.8	10.4	0.35	1.7	38	33
18-may	12	317.5	ND	13	66.8	778.1	901.6	97.1	10.5	0.11	1.9	44	33
18-may	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18-may	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18-may	15	304.9	ND	29	16.2	776.9	556.4	ND	4.8	0.0	1.6	38	25
18-may	16	309.7	ND	29.4	16	776.7	129.2	81.2	ND	ND	ND	44	28
18-may	17	315.9	ND	29.3	16.4	776.7	36.7	70.7	6.4	0.0	1.7	42	28
18-may	18	309.3	ND	28.5	16.6	776.6	2.3	71.5	8.5	0.03	1.8	49	34
18-may	19	318.6	ND	28	18	776.6	1.2	53.1	7.5	0.28	1.2	78	61
18-may	20	66.3	ND	27.4	17.8	776.7	1.3	43.9	7.6	0.45	1	ND	39
18-may	21	324.9	ND	27	19.8	776.7	1.6	28	5.9	0.46	0.8	ND	24
18-may	22	332.4	ND	26.8	20.9	776.6	1.7	25.6	7.1	0.55	0.7	23	22
18-may	23	317.4	ND	26.6	22.3	776.6	1.2	18.1	10.3	0.63	0.7	ND	24
19-may	00	335	ND	26.2	23.1	776.6	1.1	11.2	9.5	0.64	0.8	27	20
19-may	01	90.5	ND	25.7	27.2	776.7	1.1	6.7	9.2	0.66	0.7	ND	28

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
19-may	02	23.4	ND	25.4	28.5	776.9	1	6.8	9.6	0.68	0.7	ND	29
19-may	03	301.4	ND	25.1	26.8	777.1	1	7.2	10.5	0.69	0.7	ND	28
19-may	04	292	1.6	24.3	29.2	777.6	1	2.7	17.1	0.73	3	ND	31
19-may	05	285.6	ND	19.2	61.4	778	1	1.6	14.9	0.77	1.4	ND	28
19-may	06	80.5	1	16.8	75	778.5	14.4	1.9	17.7	0.85	1.1	27	23
19-may	07	108.3	ND	16	79	779	43.6	7.9	20.4	0.9	0.9	17	14
19-may	08	298.4	ND	16.6	76.3	779.2	67.6	33.8	17.5	0.82	0.9	ND	19
19-may	09	266	ND	16.8	77.1	779.6	571.5	50.5	14.7	0.82	1	25	22
19-may	10	272.5	ND	16.7	78.7	780	853.6	68.2	6.5	0.48	0.9	14	7
19-may	11	217.3	ND	16.6	77	780.2	961.9	70.5	2.3	0.06	0.9	19	8
19-may	12	237.1	ND	16.7	74.2	780.4	1004.5	79.7	2.1	0.0	1	24	12
19-may	13	314.4	ND	16.6	73.6	780.5	764	87.5	2.9	0.0	0.9	24	17
19-may	14	342.3	ND	16	79.7	780.7	483.8	107.5	6.4	0.0	1.4	23	13
19-may	15	330.1	ND	15.9	83.1	780.6	461	112.5	6.9	0.0	1.5	33	26
19-may	16	329.4	0.3	15.7	84.7	780.5	203	101.2	7.4	0.0	1.5	33	19
19-may	17	329.5	0.3	15.4	82.2	780.6	81.9	74.5	8.2	0.04	1.4	35	26
19-may	18	319.1	0.2	15.2	82.3	780.8	21.2	66.6	5.9	0.13	1.4	39	33
19-may	19	296.6	0.2	14.9	84.1	780.9	0.6	63	4.9	0.21	1.3	33	27
19-may	20	320.1	0.2	14.7	85.4	780.8	0.6	59.7	4.3	0.3	1.4	ND	32
19-may	21	297.5	0.1	14.6	85.8	780.8	0.6	46.9	6.7	0.37	1.3	ND	44
19-may	22	305.3	0.1	14.6	86.5	780.7	0.5	36.2	10.9	0.47	1.1	ND	36
19-may	23	313.8	0.2	14.7	86.5	780.5	0.5	28.9	16.4	0.52	1	33	31
20-may	00	315	0.2	14.7	87	780.4	0.5	29.1	11.8	0.55	1.1	ND	31
20-may	01	306.7	0.1	14.6	86.4	780.4	0.6	25.9	9.5	0.55	1.1	ND	39
20-may	02	327.9	0.2	14.5	88.1	780.3	0.6	23.3	9.9	0.62	1	ND	43
20-may	03	322.6	0.3	14.1	87.5	780.2	0.6	20.3	12.6	0.69	1	ND	41
20-may	04	320.6	0.3	14.1	88.2	780.1	0.6	15.6	12	0.66	0.9	41	38
20-may	05	324.8	0.2	14	88.1	779.9	0.6	13	15.3	0.7	0.9	ND	45
20-may	06	317.1	0.2	14	88.1	779.8	17.4	7.3	21	0.79	1	ND	49
20-may	07	294.3	0.2	14	89.4	779.7	64.1	9.2	26.7	0.99	1.2	40	36
20-may	08	309.6	0.2	14	89.7	779.6	103.7	29.3	27.7	1.02	1.5	50	38
20-may	09	291.7	0.1	13.7	89.4	779.4	509.6	47.8	27.5	1.09	2	51	46
20-may	10	319.4	0.3	13.7	90.1	779.4	742.2	71.7	30.2	0.84	2.5	56	46
20-may	11	322.8	0.3	13.6	89.1	779.3	850.8	86.7	11.2	0.27	2.5	69	52
20-may	12	304.9	0.2	13.5	89.2	779.3	885.6	92.8	5.9	0.0	2.4	53	48
20-may	13	305.1	0.2	13.4	90.6	779.3	714.4	100.3	4.2	0.0	2.6	51	40
20-may	14	310.3	0.2	13.4	90.1	779.3	242.2	98.9	7.5	0.0	2.2	56	46
20-may	15	329.7	0.2	13.4	89.5	779.2	173.4	89.4	7.1	0.0	2	47	45
20-may	16	324.6	0.2	13.1	89.3	779.2	134.6	80.2	7.5	0	2.1	45	40
20-may	17	320.6	0.1	13	89.3	779	116.1	77.8	9.4	0.06	2.7	45	35

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
20-may	18	309	0.2	12.9	89.9	779	16.1	73.1	9.2	0.19	2.3	50	49
20-may	19	304.8	0.1	12.8	90	779	0.8	72.7	7.4	0.32	2.3	ND	59
20-may	20	324.3	0.2	12.7	90	779	0.8	67.8	6.2	0.38	2.2	ND	64
20-may	21	308.1	0.1	12.5	89.7	779	0.7	64.4	9.6	0.55	2.3	ND	73
20-may	22	310.8	0.1	12.4	87.8	779	0.7	55.3	11.6	0.58	2.1	ND	75
20-may	23	333.4	0.1	12.3	88.9	779.1	0.7	55.8	8.5	0.43	1.9	ND	71
21-may	00	326.3	0.2	12.2	90.2	779.3	0.7	57.4	6.1	0.41	1.7	59	55
21-may	01	304.9	0.1	12.1	89.2	779.4	0.7	42.8	9.6	0.52	1.6	ND	63
21-may	02	314.2	0.2	12.1	89.3	779.4	0.6	33.4	9.7	0.62	1.6	ND	66
21-may	03	319.9	0.1	12.1	89.8	779.5	0.6	27.1	12.3	0.75	1.5	ND	64
21-may	04	331.7	0.2	12.1	87.6	779.6	0.6	19	15.9	0.84	1.6	ND	71
21-may	05	294	0.1	12	85.4	779.6	0.6	12.8	24.5	0.9	1.6	ND	71
21-may	06	298.7	0.2	12.1	85.5	779.7	17.8	5.9	32.8	0.98	1.8	ND	75
21-may	07	302.7	0.2	12.6	82.7	779.8	64.7	10.3	34.4	1.09	2.3	ND	67
21-may	08	295.1	0.1	13.3	76.8	779.9	106.8	35.5	31.7	1.18	2	69	63
21-may	09	134.8	ND	14.7	67.2	780.1	497.3	55.2	40.3	1.23	2.6	ND	78
21-may	10	121.6	ND	16	60	780.1	744.5	78.3	14.8	0.58	2.5	70	53
21-may	11	147.8	ND	16.6	55.5	780.1	817.8	100.6	7.9	0.22	2.5	58	54
21-may	12	177.8	ND	17.4	53.7	780	786.9	126.3	7.8	0.05	2.6	65	60
21-may	13	261.8	ND	18.2	51.9	780	331.9	120.1	6.1	0.0	2.5	64	59
21-may	14	160.7	ND	19.2	52.9	780.1	179.6	94.5	6.3	0.03	2.5	65	55
21-may	15	161.5	ND	20.7	48.6	780.1	120.2	86.4	5.6	0.16	2.4	87	77
21-may	16	167.4	ND	21.7	46.5	780.1	30.6	78.8	6.4	0.23	1.7	82	81
21-may	17	258	1.1	21.9	41.1	780.1	50.7	47.2	8.6	0.4	1.8	ND	79
21-may	18	292.8	ND	22.9	39.1	780	28.9	63.8	12.3	0.46	1.7	ND	32
21-may	19	298.8	ND	23.6	35.1	780	0.9	50.4	15.4	0.52	1.5	49	48
21-may	20	154.6	1.2	23.5	33	779.8	0.8	30.7	24	0.72	1.5	52	50
21-may	21	174.7	1.1	23.8	28.7	779.7	0.8	8.7	41.5	1.21	1.5	59	53
21-may	22	180.6	1.3	24.3	26.6	779.6	0.8	3	44.2	1.29	1.8	54	53
21-may	23	140.4	1.3	24.9	23.6	779.5	0.8	7.8	31.2	1.02	1.4	ND	49
22-may	00	70.4	1	25.8	22.1	779.4	0.8	18.3	18.9	0.79	1.4	57	37
22-may	01	291.3	ND	26	19.8	779.3	0.7	11.2	20.2	0.87	1.3	ND	44
22-may	02	327.5	ND	26.9	17.7	779.3	0.7	9	22.1	0.92	1.3	ND	54
22-may	03	272.3	1.2	26.5	19.5	779.1	0.7	12.7	17	0.78	1.2	ND	42
22-may	04	97.1	1.1	26.8	19.5	778.9	0.7	11	16.1	0.75	1.2	ND	49
22-may	05	337.7	ND	27.4	19.7	778.7	0.7	2.5	30.2	1.03	1.5	49	41
22-may	06	346.2	ND	27.4	19.4	778.6	9.5	1.9	34.2	1.26	1.7	113	56
22-may	07	150.9	1.6	27.1	16.9	778.4	56.8	3.4	33.4	1.28	1.7	68	42
22-may	08	32.8	ND	26.3	19.1	778.2	84.1	21.5	33.4	1.01	2.6	63	37
22-may	09	279.3	1.3	27.2	17.8	778	542.3	43.5	22.2	0.79	5.3	44	39

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
22-may	10	299.7	1.1	28.3	16.1	777.7	780.5	57.8	21.2	0.69	5.6	43	34
22-may	11	306.6	ND	28.3	15.7	777.5	889	78.9	13.6	0.31	4.4	52	43
22-may	12	327.7	1	29	15.4	777.3	927.2	102.5	8.7	0.02	3.8	48	40
22-may	13	328.3	ND	28.5	16.3	777.1	886	116.7	6.6	0.0	3.5	50	43
22-may	14	300.3	ND	28.6	16.1	776.9	565.2	118.3	7.4	0.0	3.1	44	38
22-may	15	305.6	ND	27.8	16.3	776.7	141	99.8	5.7	0.0	2.8	50	38
22-may	16	327.2	ND	27.5	16.5	776.5	31.1	79.6	4.9	0.04	2.3	66	59
22-may	17	301.2	ND	28.1	15.3	776.3	67.9	63.3	6.9	0.2	1.7	73	59
22-may	18	262.5	ND	28.6	14.7	776.1	17.7	51.4	5.5	0.23	1.3	34	28
22-may	19	324.4	ND	29.4	14.5	775.9	1	46.7	7.9	0.4	1.1	ND	32
22-may	20	286.1	ND	29.1	14.8	775.8	0.9	40.2	10.8	0.57	1	ND	32
22-may	21	292.4	ND	28.4	15.3	775.7	0.9	31.3	13.3	0.68	1	32	29
22-may	22	319.8	ND	27.9	15.6	775.7	0.9	17.9	20.6	0.9	1.1	ND	39
22-may	23	295.9	ND	27.7	15.8	775.7	0.9	9.6	26.5	1.06	1	36	35
23-may	00	325.4	ND	27.4	17.1	775.7	0.9	4.9	30.8	1.2	0.9	45	43
23-may	01	294.6	ND	27.1	19.8	775.7	0.9	4.3	26.9	1.15	1	ND	39
23-may	02	297.3	ND	25.9	26.3	775.8	0.9	6	18.1	0.96	0.8	ND	40
23-may	03	301.2	ND	25.3	28.9	775.9	0.9	8	12	0.77	0.9	ND	34
23-may	04	296.5	1.5	24.4	30.3	776.1	1	4.7	16.6	0.8	5	31	28
23-may	05	294.9	1.8	23.8	31.2	776.2	1	1.9	21	0.78	3.3	ND	32
23-may	06	285.9	1.6	23.5	31.6	776.2	15	2	17.9	0.87	2.1	31	23
23-may	07	273.6	1.2	23.1	32.1	776.5	49.4	7.2	21.8	1	1.4	ND	24
23-may	08	286.8	ND	23.1	31.1	776.8	70.9	30.2	20.9	0.92	1.1	35	22
23-may	09	314.1	ND	23.2	29.8	777	559.9	51	25.8	1.01	1.4	44	36
23-may	10	316.3	ND	23.2	29.7	777.2	810.1	73.9	24.1	0.82	2.5	52	38
23-may	11	295.5	ND	22.9	30.5	777.4	909.7	92.9	12.2	0.31	2.7	47	31
23-may	12	319.6	ND	22.6	31.7	777.6	831.9	96.1	5.8	0.0	2.5	39	31
23-may	13	306.2	ND	22.5	31.3	777.7	911.2	101.2	4.2	0.0	2.3	34	21
23-may	14	278.2	ND	22.6	31.9	777.9	568.8	90.9	2.9	0.0	2.1	46	29
23-may	15	317.9	ND	22.2	34.8	778	290.7	73.3	3	0.0	1.8	67	52
23-may	16	112.3	ND	21.4	36.5	778.2	72.8	66.3	1.9	0.01	1.5	36	21
23-may	17	0.3	ND	20.5	39.6	778.3	66.2	62.7	2.3	0.1	1.1	32	25
23-may	18	302.1	ND	19.9	40.6	778.5	29.4	63.3	6.1	0.27	1.6	34	23
23-may	19	213.8	ND	19.5	43.6	778.7	0.8	46.4	6.2	0.29	1.3	42	40
23-may	20	309.1	ND	19.1	45.6	778.8	0.7	44.3	3.1	0.28	1.3	ND	33
23-may	21	265.6	0.2	19.1	44.3	778.9	0.7	41.2	3.3	0.33	1.1	31	29
23-may	22	330.3	0.2	19.3	43.2	778.9	0.7	39.4	5.4	0.4	1.2	ND	28
23-may	23	312.2	ND	19.1	46.3	778.9	0.7	50.2	1.6	0.35	1.3	ND	35
24-may	00	315.3	ND	18.9	43.1	778.9	0.7	41.7	2	0.38	1.1	ND	44
24-may	01	313.7	0.2	18.7	45.1	778.8	0.7	32.3	4.9	0.48	1	ND	47

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
24-may	02	318.6	ND	18.4	45.7	778.7	0.7	22.9	9.1	0.63	1	35	34
24-may	03	330.9	ND	18.6	47.1	778.7	0.7	20.3	10.8	0.72	1	ND	42
24-may	04	252	0.1	18	48.7	778.6	0.6	22.4	9	0.67	1.1	ND	43
24-may	05	310.2	0.2	17.7	50.2	778.5	0.6	16.7	10.2	0.65	1	ND	39
24-may	06	305.8	0.1	17.6	50.7	778.4	15	9.5	15.1	0.71	1	ND	35
24-may	07	150.3	0.2	17.6	51.3	778.2	57	11.7	17.3	0.83	1.1	ND	27
24-may	08	258	ND	17.8	48.7	778.1	80.1	40.3	9.5	0.71	1.2	33	31
24-may	09	307.4	0.2	17.8	51.2	777.9	552.2	58.1	5.9	0.56	1.2	ND	31
24-may	10	341	0.2	17	53.4	777.9	810.5	73.1	6.5	0.41	1.5	29	18
24-may	11	321.3	0.2	16.3	54.5	777.8	908.4	82	3.2	0.1	1.5	40	35
24-may	12	312.5	ND	15.7	56	777.7	917	87.9	2.1	0.0	1.5	ND	39
24-may	13	322.3	0.2	15.5	57.4	777.6	784.3	84.9	0.0	0.0	1.5	41	34
24-may	14	310.1	0.2	15.5	59.3	777.5	229.1	65.7	0.0	0.0	1.5	48	35
24-may	15	319.3	0.2	15.4	60.7	777.4	111.4	68.5	0.9	0.0	1.5	40	32
24-may	16	291.3	0.1	15.1	61.8	777.4	184.8	67.7	0.2	0.0	1.4	31	27
24-may	17	320.4	0.3	14.9	62.2	777.3	187.3	62.8	0.6	0	1.4	38	27
24-may	18	295.8	0.2	14.9	63.4	777.2	27	57.5	1	0	1.4	32	29
24-may	19	269.7	0.2	14.9	63.1	777.2	0.8	48.8	1.4	0.07	1.2	ND	34
24-may	20	324.9	ND	14.9	64.7	777.2	0.7	43.2	1.1	0.14	1	28	17
24-may	21	326.9	ND	14.4	66.6	777.3	0.6	34.8	6.1	0.27	0.9	ND	27
24-may	22	320.1	0.2	14.2	67.5	777.4	0.6	27.5	5.8	0.35	0.9	ND	24
24-may	23	309.6	ND	13.9	67.5	777.5	0.6	16.6	15.7	0.57	0.9	ND	24
25-may	00	315.6	ND	13.9	67.7	777.5	0.6	12.4	16.9	0.64	0.9	ND	14
25-may	01	319	0.2	13.7	68.7	777.6	0.7	10.9	16.8	0.69	0.9	35	29
25-may	02	311.3	0.1	13.4	69.5	777.6	0.7	10.6	14.5	0.66	0.9	ND	35
25-may	03	311.3	0.2	13.3	70.6	777.6	0.7	9.7	13.7	0.64	0.9	ND	27
25-may	04	317.1	0.1	13.3	71.8	777.6	0.7	6.4	19.9	0.7	0.9	29	27
25-may	05	322.1	0.2	13.1	72.4	777.8	0.7	2.7	27.3	0.85	1	ND	30
25-may	06	309.3	ND	13.1	72.7	777.9	11.6	4.1	28.2	0.86	1.1	29	26
25-may	07	310.9	0.1	13.3	72.2	778.1	43.6	12.2	26.7	1.12	1.7	ND	46
25-may	08	309.8	0.2	13.5	71.7	778.3	64	32.2	23.1	0.88	1.3	54	45
25-may	09	314.9	0.3	14.1	69.6	778.6	566.8	54.1	11.5	0.71	1.2	27	22
25-may	10	307.7	0.2	14.9	65.5	778.8	855.6	69.8	15.5	0.67	1.3	35	24
25-may	11	324	ND	15.9	61.2	778.9	952.8	84.5	1.1	0.18	1.1	46	30
25-may	12	182.7	ND	17.2	50.7	779	970.5	94.7	ND	0.0	1.1	33	28
25-may	13	146.3	ND	18	48.4	779.1	947.2	99.9	ND	0.0	1.1	33	21
25-may	14	215.7	ND	18.6	46.2	779.1	832.8	101.9	ND	0.0	1.1	26	20
25-may	15	185.1	ND	19.2	44.3	779.2	645.4	90.6	ND	0.0	1.2	37	22
25-may	16	186.1	ND	20	43	779.3	372.6	79.5	0.0	0.0	1.5	52	35
25-may	17	241.7	ND	21.4	39.9	779.3	137.9	70.3	ND	0.0	1.4	54	34

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
25-may	18	153.9	ND	21.6	38	779.3	34.6	65.3	ND	0.03	1.4	44	24
25-may	19	2.1	ND	22.6	35.9	779.4	0.9	55.6	0.0	0.15	1.3	ND	31
25-may	20	330.6	ND	23.6	33.2	779.4	0.9	47.2	0.2	0.26	1.2	38	27
25-may	21	324.9	ND	24.2	30.8	779.3	0.9	44.8	ND	0.27	1.1	ND	30
25-may	22	163.1	ND	24.3	30.9	779.2	0.8	27.9	2.9	0.52	1	ND	31
25-may	23	314.1	ND	25	28.3	779.2	0.9	16.1	3.9	0.68	0.9	29	26
26-may	00	192.6	1.2	24.9	28.6	779.1	1.1	15.9	4	0.66	0.9	ND	30
26-may	01	145.4	1	25.2	25.9	778.9	1.2	15.4	2	0.72	0.9	ND	28
26-may	02	297.4	ND	26.1	24.3	778.8	1.2	10.8	8.2	0.74	1	ND	30
26-may	03	311.1	ND	26.5	22.6	778.6	1.3	12.5	4.6	0.67	0.9	39	26
26-may	04	305.7	0.9	26.2	22.5	778.4	1.4	9.8	14.1	0.7	0.9	ND	27
26-may	05	51.5	ND	26.8	22.5	778.3	1.4	5.6	7.9	0.71	1	33	28
26-may	06	329.4	0.9	27.5	21	778.1	14.4	3.5	16.2	0.83	1	30	27
26-may	07	57.4	1.3	27.4	21.3	777.9	47.6	6.5	23	1.09	1.4	24	23
26-may	08	313	ND	27.7	20.3	777.7	75.7	26.3	16.5	1.13	1.5	34	26
26-may	09	247	1.2	27.8	20.6	777.5	540.9	60.4	4.2	0.84	1.5	36	35
26-may	10	72.3	1.4	27.9	20.1	777.3	834.3	80.3	0.1	0.64	1.5	44	39
26-may	11	317.4	ND	27.9	19.9	777.1	937.2	76	1.3	0.05	2.5	52	44
26-may	12	321.9	ND	28.1	19.4	776.9	959.8	78.5	ND	0.0	4.6	38	24
26-may	13	329.3	ND	28.4	19.4	776.8	922.5	81.4	ND	0.0	3.7	34	30
26-may	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26-may	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26-may	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26-may	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26-may	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26-may	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26-may	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26-may	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26-may	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26-may	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
27-may	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27-may	12	120.4	ND	26.3	28	778.3	858.4	111	10	0.1	6.6	79	64
27-may	13	37	1.3	25.9	27.1	778.2	389.5	116.5	9.1	0.0	5.8	62	51
27-may	14	110.1	1.4	26.5	26	778.1	66.4	99.5	9.4	0.06	3	81	65
27-may	15	265.1	1.2	26.6	24.8	778	394.4	93.7	4.4	0.14	2.8	35	33
27-may	16	277.6	ND	27.5	23.7	777.8	241	96.2	9.3	0.23	3.3	46	44
27-may	17	317.7	ND	28.6	22	777.7	72.6	79.8	8.6	0.22	3.6	ND	57
27-may	18	323.2	ND	28.8	20.2	777.5	19	53	9.6	0.19	1.7	57	45
27-may	19	354.2	ND	28.5	19.5	777.4	3.2	49.4	8.9	0.25	1.6	48	28
27-may	20	311.4	ND	27.4	20.7	777.3	1.7	37	15.7	0.42	1.5	40	37
27-may	21	286.4	ND	26.2	24.5	777.3	2.6	26.9	25.6	0.63	1.6	38	37
27-may	22	243.4	1.7	24.3	26.9	777.6	2.6	41.5	13.2	0.43	1.5	37	31
27-may	23	290	1.7	22.3	37.6	777.9	2.4	36.7	11.6	0.4	1.4	37	36
28-may	00	251.5	2.2	22.1	34.1	778.1	2.4	29.3	13.1	0.49	1.3	ND	42
28-may	01	177.9	1.7	22.7	30.8	778.2	2.5	25.7	11.4	0.58	1.3	ND	36
28-may	02	63.2	1.4	23.9	26.3	777.5	2.8	27.6	9.6	0.58	1.2	ND	40
28-may	03	274.9	ND	25.7	22.2	777.1	1.5	22.8	11.5	0.6	1.3	39	37
28-may	04	190.8	1	26.1	21.3	776.8	1.7	11.4	27.3	0.66	3.8	ND	46
28-may	05	283.9	ND	27.1	20.5	776.5	2	4.7	30.5	0.75	19.4	ND	47
28-may	06	268.5	1.2	27.2	22.1	776.4	18.7	3.7	39.3	1.07	2.2	50	44
28-may	07	295.1	ND	27.3	22.6	776.2	61.5	8	35.9	1.09	1.8	ND	43
28-may	08	271.8	ND	26.4	23	776.1	100.3	ND	19.5	0.78	1.9	51	37
28-may	09	290.8	ND	26.2	23.4	776.2	470.1	ND	21.7	0.71	2.1	48	47
28-may	10	172	ND	26.6	22.3	776.3	741.1	ND	20.8	0.64	2.5	47	40
28-may	11	335.5	ND	26.3	23.6	776.5	829.9	86	20.1	0.33	4.3	ND	45
28-may	12	323.6	ND	25.5	26.9	776.7	837.1	107.7	13.7	0.1	5.9	71	60
28-may	13	321.8	ND	24.8	30.8	777	853.3	98.7	4.6	0.0	3.9	51	48
28-may	14	323.4	ND	24.1	32.4	777.3	586.8	109.5	5.7	0.0	3.9	52	44
28-may	15	319.1	ND	23.6	34.3	777.7	176.2	88.8	6.2	0.0	2.7	76	49
28-may	16	311.6	ND	23.2	35.8	778	41.1	59.8	6.8	0.0	1.6	70	40
28-may	17	305.7	ND	22.8	37.3	778.3	4	48.6	10.8	0.1	1.3	68	37
28-may	18	336.9	ND	22.3	38.1	778.5	3.8	44	12	0.33	1.1	29	28
28-may	19	329.6	ND	21.8	39.7	778.6	2.2	0.1	12.4	0.4	1	33	30
28-may	20	318.1	ND	21.3	41.1	778.8	2.1	ND	11.9	0.46	0.9	19	15
28-may	21	287.6	ND	20.7	42.9	779	4.4	0.6	10.1	0.46	0.8	22	15
28-may	22	314.9	ND	20.4	44.2	779.2	5	0.7	11	0.5	0.7	ND	17
28-may	23	333.8	0.2	20.1	45.9	779.4	5.2	0.3	8.7	0.46	0.8	ND	18
29-may	00	318.1	0.1	19.5	48.3	779.4	2.6	0.0	3.6	0.4	0.8	ND	14
29-may	01	310.2	ND	19.1	49.2	779.5	1.4	0.0	6	0.47	0.7	ND	23

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
29-may	02	307	ND	19.4	47.8	779.5	2.2	0.0	7.3	0.48	0.7	ND	21
29-may	03	303.1	ND	19.8	47.3	779.6	1.8	0.0	8.8	0.53	0.8	23	18
29-may	04	305.6	ND	20.1	46.6	779.7	1.4	0.0	11.9	0.6	0.7	ND	28
29-may	05	317.1	ND	20.3	46.7	779.8	1.3	0.3	17.9	0.6	0.7	ND	24
29-may	06	321.7	ND	20.2	45.5	780	17.5	0.5	19.5	0.75	0.8	24	18
29-may	07	309.4	ND	20.4	43.2	780.1	61.3	0.0	28.5	1.1	1.2	24	19
29-may	08	331.7	ND	20	43.6	780.3	117.9	ND	26.3	1.02	1.5	ND	37
29-may	09	311.2	ND	19.6	45.2	780.4	457.9	ND	13	0.77	1.4	43	37
29-may	10	308.5	0.2	19.1	47.4	780.4	734.9	61.8	12.8	0.74	1.6	33	18
29-may	11	316.8	0.1	18.6	48.6	780.4	614.2	75.1	18.1	0.58	1.9	50	34
29-may	12	190	0.1	18.2	50.5	780.4	693	82	9.5	0.21	1.5	45	34
29-may	13	307.5	0.2	18.1	51.5	780.4	918.6	78.7	6.2	0.0	4	47	20
29-may	14	300.7	0.2	18.1	52	780.4	430.7	64.9	6.4	0.0	2.6	43	29
29-may	15	283.2	0.1	18.2	51.4	780.3	541.9	52	5	0.0	0.8	51	20
29-may	16	359	0.2	17.8	52.2	780.2	86.2	49.7	4.4	0.06	0.7	22	10
29-may	17	55.3	0.2	17.3	54.6	780.2	39.5	46.6	7.1	0.24	0.7	12	2
29-may	18	316.5	ND	16.9	56.1	780.1	43.7	43	6.3	0.26	0.7	8	5
29-may	19	303.9	ND	16.5	57.9	779.8	2.4	40.3	5.5	0.27	0.7	14	11
29-may	20	335.2	ND	16	58.9	779.7	1.3	38.1	4.8	0.34	0.6	21	6
29-may	21	315.2	ND	15.6	59.4	779.7	1.7	38.2	5.7	0.42	0.6	ND	11
29-may	22	288	ND	16.1	56.2	779.7	1.3	33	7.9	0.47	0.7	19	9
29-may	23	315.8	ND	16.5	55.2	779.5	1.3	33	6.1	0.44	0.6	13	11
30-may	00	304.3	0.3	16.6	53.5	779.4	1.4	32.4	5.2	0.44	0.6	10	6
30-may	01	307.1	ND	16.7	53.4	779.3	1.8	27.5	7.1	0.48	0.6	ND	13
30-may	02	323.2	0.2	16.4	55.4	779.2	1.8	27.5	5.9	0.44	0.6	10	6
30-may	03	316	ND	16	57.1	779.1	4.1	25	9.3	0.44	0.6	ND	12
30-may	04	309.9	0.2	15.6	58.4	779	2.3	27.7	7.2	0.42	0.6	12	8
30-may	05	317	0.2	15.4	59.5	778.9	4.7	27.7	7	0.45	0.6	ND	12
30-may	06	329.1	0.2	15.2	60.3	778.9	25.6	18.8	14	0.54	0.7	13	9
30-may	07	329.8	0.3	15	61.4	779	62.1	21.5	15.3	0.58	0.9	ND	8
30-may	08	314.9	0.2	14.7	61.9	779	92.7	16.5	24.3	0.83	1.3	26	15
30-may	09	295.2	0.2	14.6	62.6	779	198.1	21.2	27.7	0.84	1.4	32	26
30-may	10	327.8	0.2	14.3	63.7	779.1	518	37.7	15.7	0.64	1.2	21	13
30-may	11	329.5	0.2	14.2	65.3	779.2	714	53.4	9.7	0.4	1.6	23	17
30-may	12	310.7	0.1	14.2	66.1	779.3	911.4	62.9	6.3	0.11	2.3	25	22
30-may	13	325	0.2	14.3	65.6	779.5	884.8	67	6.3	0.0	5.8	34	29
30-may	14	318.2	ND	14.1	65	779.6	668.5	69.4	4.7	0.0	5.2	31	27
30-may	15	296.2	ND	14.1	63.3	779.8	506.5	68.1	3.4	0.0	3.8	34	24
30-may	16	307.8	0.2	14.2	60.9	779.8	161.2	58.9	3.7	0.0	2	27	14
30-may	17	306.7	0.2	14.3	61.7	779.9	6.7	50.6	5.5	0.03	1.3	20	15

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
30-may	18	299	0.1	14.6	62.2	780	2.9	39.2	11.3	0.28	1.1	49	32
30-may	19	308.6	0.2	15	62.4	780.1	1.7	29.8	12.7	0.45	1	ND	21
30-may	20	310.2	0.2	15.5	61.4	780.2	1.6	29.6	9.3	0.47	0.9	12	11
30-may	21	281.2	ND	16.3	57	780.2	1.6	28.5	7.8	0.46	0.8	16	11
30-may	22	238	ND	17.7	49.8	780.1	1.5	28.5	4.8	0.42	0.6	14	7
30-may	23	273.1	ND	18.5	45.3	780.1	1.5	29.1	4.1	0.39	0.8	14	11
31-may	00	130.7	ND	19.2	43.8	780	1.4	27.7	4.5	0.37	0.9	10	2
31-may	01	153.4	ND	19.5	43.8	780	1.4	25.3	5	0.36	0.8	12	8
31-may	02	195.9	0.8	20	43.1	780.1	1.4	25	4.9	0.35	0.8	ND	13
31-may	03	266.4	ND	20.9	41.5	780.1	1.4	23.9	4.5	0.35	0.8	13	9
31-may	04	295	ND	22.1	38.6	780	1.4	22.1	4.2	0.36	0.7	ND	13
31-may	05	216.4	ND	22.8	37.3	780	1.4	17.4	7.7	0.41	1.2	ND	14
31-may	06	353.6	ND	23.2	35.1	779.9	26.3	14.1	14.3	0.47	2.3	24	16
31-may	07	310	ND	23.9	34	779.9	76.3	14.9	18	0.62	2.4	18	16
31-may	08	317.9	ND	24.4	31.9	779.9	83.7	24.2	14.4	0.56	2.2	24	23
31-may	09	273.4	ND	24.5	31.6	779.8	499.2	35.7	12.8	0.56	2.3	18	17
31-may	10	303.8	ND	25	30.4	779.8	799.1	52.7	12.2	0.52	4.3	ND	19
31-may	11	301.2	ND	25.3	29.7	779.6	910.5	65.9	11.7	0.26	4.8	32	25
31-may	12	305.1	ND	25.6	27.7	779.5	772.6	84.9	8.1	0.0	2.8	34	30
31-may	13	312.5	ND	25.6	27.3	779.3	334.7	94	6.1	0.0	2.6	39	30
31-may	14	303.2	1.1	25.9	26.4	779.2	574.2	92.7	5.4	0.0	2.2	27	24
31-may	15	151	1.4	25.7	26.6	779	33.1	68.3	7.2	0.01	8.3	44	30
31-may	16	202.6	1.2	25.8	26.6	778.8	10	50	7.6	0.24	3.4	ND	56
31-may	17	328.5	1.1	26.7	25.2	778.7	14.5	34.2	7.8	0.38	1	ND	32
31-may	18	322.1	ND	27.8	21.7	778.6	5.7	37.5	8.3	0.55	1	ND	22
31-may	19	311.5	ND	28.1	19.9	778.3	1.5	35.4	8.4	0.57	0.9	ND	26
31-may	20	314	1.1	28.2	19.5	778.3	1.6	27.7	7.3	0.58	0.8	ND	26
31-may	21	240.3	0.9	28.1	18.2	778.1	2	15.9	7.9	0.6	0.7	ND	24
31-may	22	170	1.2	27.4	18.8	777.9	2	10.9	10.7	0.66	0.7	19	15
31-may	23	313	ND	28.3	18.6	777.6	2.1	7.5	9.4	0.66	0.6	ND	21
01-jun	00	305.3	1.3	28.6	18	777.3	2	5	7.9	0.64	0.7	ND	16
01-jun	01	105.9	1.4	27.7	18.6	777.1	1.7	5.5	8.6	0.62	0.7	ND	17
01-jun	02	193.5	1.4	27.2	21	776.8	1.8	7.9	7.7	0.53	0.6	ND	18
01-jun	03	160.5	1.3	27.4	21.5	776.5	2.2	9.5	6.2	0.49	0.6	ND	17
01-jun	04	142.8	1.8	27.2	22.1	776.3	3	9.9	5.3	0.47	0.5	ND	17
01-jun	05	120.1	1.2	27	22.8	776.3	2.2	4.4	13.2	0.63	0.8	ND	24
01-jun	06	335.8	ND	26	24.8	776.5	19.6	1.3	18.2	1.07	1.3	46	33
01-jun	07	339.2	ND	25.6	25.8	776.5	65.3	3.4	22.6	0.91	1.2	ND	42
01-jun	08	335.5	ND	25.2	27.8	776.6	156.3	16.6	18.8	0.73	1.2	36	33
01-jun	09	330.7	ND	24.7	29.9	776.7	332.8	29.4	14.4	0.7	1.1	ND	32

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
01-jun	10	335.7	ND	24	30.5	777	668.2	43.6	13.2	0.6	1.2	30	28
01-jun	11	321.2	1.3	22.9	36.7	777.4	798.7	59.1	16.5	0.45	1.3	41	37
01-jun	12	312.8	1.3	19.8	53.1	778.1	928.9	75.9	11.6	0.16	1.9	45	44
01-jun	13	296.6	ND	18.9	61	778.8	919.7	83.5	8.5	0.0	1.8	36	31
01-jun	14	168.4	ND	18.7	58.8	779.4	807.9	79.3	5.4	0.0	1.4	19	15
01-jun	15	339.4	ND	18.9	55.3	779.9	601.7	80.3	5.4	0.0	1.7	31	18
01-jun	16	125.1	ND	17.4	60.7	780.3	217.5	72.8	6.9	0.0	2.7	31	27
01-jun	17	320.4	ND	17.6	60.7	780.6	69.6	47	6.6	0.0	1.1	31	22
01-jun	18	276.1	ND	17.1	69.6	781	9.8	38.9	7.3	0.02	1	22	12
01-jun	19	237.5	ND	16	79.2	781.4	1.2	31.9	6.4	0.1	0.8	32	14
01-jun	20	308.2	ND	15.5	82.3	781.6	0.9	30.4	4.5	0.15	0.8	28	18
01-jun	21	310.2	ND	15.4	77.2	781.9	1	30.4	4.5	0.19	0.9	22	17
01-jun	22	307.7	ND	15.4	77.5	782.1	1	25.2	7.3	0.24	1	24	21
01-jun	23	298.5	ND	15.4	76.2	782.3	1	28.3	7.4	0.25	1.3	24	23
02-jun	00	286.3	ND	15.5	74	782.4	0.9	28.1	5.5	0.28	1.1	ND	32
02-jun	01	263.7	ND	15.6	73.8	782.4	0.8	24.9	7.1	0.34	1.2	ND	26
02-jun	02	249.9	ND	15.7	71.8	782.4	0.8	19.7	8.9	0.38	1.1	ND	30
02-jun	03	322.9	ND	15.9	70.9	782.1	0.8	21.5	8.5	0.4	1.4	ND	30
02-jun	04	55.7	ND	15.7	73.1	782.1	0.8	19.9	7.9	0.42	1.2	ND	29
02-jun	05	6.8	0.2	15.7	73.8	782	0.8	7.7	18.4	0.56	1.4	ND	37
02-jun	06	328.5	ND	15.8	73.2	782	24.7	2.7	22.9	0.72	1.3	67	40
02-jun	07	311.2	ND	15.9	72.6	782	93.2	7.6	23.1	0.78	1.7	35	32
02-jun	08	230.5	ND	16.1	68	781.8	124.2	ND	27.9	0.74	2.2	ND	45
02-jun	09	252.9	ND	16.2	69.1	781.8	506.9	ND	17.3	0.28	1.9	ND	47
02-jun	10	310.8	ND	16.2	72.7	781.7	799.7	ND	ND	ND	ND	ND	38
02-jun	11	285.9	ND	16.2	70.5	781.6	935.1	64.1	ND	ND	ND	33	29
02-jun	12	265.8	ND	16.2	69	781.5	988	74.9	ND	ND	ND	35	22
02-jun	13	338.7	0.2	16.3	68.4	781.4	973.8	70.5	10.6	0.0	1.7	18	5
02-jun	14	298.3	0.1	16.1	70.1	781.2	770.4	67.8	11.1	0.0	1.3	21	14
02-jun	15	241.3	ND	16.1	68.5	781.1	686.2	61.6	11	0.07	1.2	25	12
02-jun	16	282.4	ND	16.2	63.2	780.7	458.9	54.2	10.3	0.24	0.9	15	3
02-jun	17	321.4	ND	16.1	63.3	780.4	282.4	44.1	10.6	0.35	0.8	15	7
02-jun	18	93.8	ND	15.8	63.9	780	36.7	38.7	10.9	0.47	0.8	17	8
02-jun	19	327.8	0.3	15	68.3	779.9	0.9	32.8	12.2	0.64	0.8	18	13
02-jun	20	331.8	0.3	14.7	68.8	779.7	0.9	29.5	11.1	0.73	0.9	30	24
02-jun	21	340.8	ND	14.2	73.3	779.6	1.1	27.6	9.9	0.79	0.8	37	25
02-jun	22	336	ND	14	75.1	779.6	1.4	26.3	8.9	0.83	0.7	ND	15
02-jun	23	331.4	ND	13.9	76.8	779.7	1.4	22.8	10.3	0.88	0.8	19	16
03-jun	00	282.7	ND	13.9	78.5	779.7	1.3	21.1	11.9	0.91	0.9	ND	12
03-jun	01	337.9	0.2	13.9	78.7	779.7	1.3	18.2	13	0.94	0.9	ND	18

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
03-jun	02	284.7	0.2	13.5	77.8	779.6	1.3	21.8	9.6	0.96	0.7	ND	12
03-jun	03	338.6	0.3	13.2	77.4	779.8	1.3	23.3	9	0.98	0.7	ND	12
03-jun	04	329.4	ND	12.8	77.8	780.1	1.3	22.3	9.9	1	0.7	ND	9
03-jun	05	311	ND	12.7	78.2	780	1.3	14.1	16.2	1.06	0.9	14	11
03-jun	06	320.2	0.2	12.7	78.9	780	17	8.6	20.7	1.14	1.1	ND	16
03-jun	07	318.9	0.2	12.7	81.4	780.1	72.1	10.9	19.7	1.21	1	17	15
03-jun	08	245	0.1	12.8	82.9	780	173.3	14.9	17.9	1.2	1.9	14	9
03-jun	09	303.9	0.1	13	83.7	779.7	212.7	15	18.1	1.16	3.8	25	19
03-jun	10	299	0.2	13.1	83.3	779.6	330.1	21.5	12.4	1	1	18	11
03-jun	11	301.9	ND	13.2	79.5	779.4	434	28.5	11.1	0.88	0.9	ND	ND
03-jun	12	336.6	ND	13.4	76.8	779.3	315	29.7	13.4	0.81	1	15	8
03-jun	13	322.7	0.2	13.2	77.2	779.3	227.2	32.9	11	0.75	0.8	13	7
03-jun	14	311.6	0.2	13	77.7	779.1	179.3	30.1	12.2	0.79	0.8	ND	ND
03-jun	15	311.7	0.1	12.7	78.2	779	306.7	30.7	11.4	0.75	0.7	13	1
03-jun	16	322	0.2	12.4	78.2	779.1	236.6	30.3	10.5	0.7	0.7	23	8
03-jun	17	70.6	ND	12	80.1	779.2	181.7	26.2	11.2	0.72	0.8	28	6
03-jun	18	316.4	0.2	11.9	81.6	779.3	42.4	22.2	11.1	0.73	0.7	47	13
03-jun	19	312.8	0.2	12.2	81.3	779.3	1.2	19.4	11.8	0.8	0.7	33	11
03-jun	20	328.6	0.2	12.6	80.5	779.6	1.2	17.5	11.8	0.88	0.7	20	9
03-jun	21	336.7	ND	13.2	79.3	779.9	1.2	15.6	11.8	0.9	0.6	ND	10
03-jun	22	139.5	ND	14.3	72.2	780	1.3	16	11	0.95	0.6	16	14
03-jun	23	308.4	ND	14.9	70.2	780.3	1.5	13.9	11.9	1	0.7	16	13
04-jun	00	326.7	ND	15.3	69.5	780.5	1.4	6.9	18	1.07	1	25	17
04-jun	01	137.7	ND	15.6	69.1	780.7	1.4	9.3	16.3	1.07	0.9	ND	19
04-jun	02	347	ND	16.4	67.5	780.6	1.4	10.1	13.1	1.05	0.7	14	11
04-jun	03	288.8	ND	16.7	65.4	780.5	1.4	9.2	13.3	1.06	0.9	15	17
04-jun	04	177.3	ND	16.9	63.9	780.5	1.3	9.2	16.6	1.11	1.2	ND	9
04-jun	05	309	ND	17.4	60.8	780.6	1.3	3.5	21.2	1.18	10.4	21	16
04-jun	06	255.4	ND	18.4	56	780.5	27.3	1.7	21.9	1.31	1.3	ND	26
04-jun	07	193.5	1.1	18.7	52.2	780.2	93.8	5.2	23.3	1.4	3.6	24	22
04-jun	08	132.6	ND	19.4	50.2	780.2	107.8	16.5	19	1.3	3.4	22	21
04-jun	09	276.1	1	20.2	47.5	780.1	553.8	26.4	13.8	1.16	2	18	12
04-jun	10	325.7	ND	21.1	43.7	780	865.4	31	17.5	1.07	1.7	7	3
04-jun	11	309.6	ND	21.4	43.3	779.8	944	41.6	16.7	0.81	1.6	22	11
04-jun	12	303.3	1.1	21.4	43.4	779.7	881	57.5	15.6	0.56	1.5	29	14
04-jun	13	289.2	ND	21.6	42.2	779.6	940	61	12.2	0.35	1.3	28	9
04-jun	14	167.9	1.2	21.8	40.6	779.5	482.1	64.5	11.1	0.19	1.1	33	12
04-jun	15	303.3	0.9	22.1	40.7	779.5	516.2	59.1	10.8	0.34	1	42	14
04-jun	16	315.5	ND	22.9	37.9	779.4	147.6	49.2	10.7	0.44	0.8	29	4
04-jun	17	319.7	ND	22.9	37.1	779.3	165.3	44.2	11.4	0.56	0.6	29	6

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
04-jun	18	290.9	ND	23	37.9	779.2	46.6	37.4	10.7	0.62	0.7	59	13
04-jun	19	296.6	ND	23.5	37.1	779	2.6	29.4	11.1	0.73	0.7	43	12
04-jun	20	307.6	ND	23.6	35.6	778.8	1.6	23.9	12.5	0.84	0.7	34	19
04-jun	21	327.9	ND	24.2	34.7	778.6	1.4	24	13.2	0.89	0.8	24	17
04-jun	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04-jun	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05-jun	11	291	ND	22.9	46	777.7	950.2	54.1	14.2	0.71	1.2	23	4
05-jun	12	309	ND	24	41.8	777.6	992.4	65	14.4	0.45	1.6	19	10
05-jun	13	319.1	ND	24.1	40.9	777.5	942.9	73.5	12.3	0.25	2.3	23	6
05-jun	14	296	ND	24.9	39	777.4	839.6	78.4	13	0.17	5.2	28	17
05-jun	15	298.6	1.1	24.4	38.9	777.2	677.9	73.3	11.1	0.21	2.2	30	16
05-jun	16	309.6	ND	24.9	37	777	479.4	63.8	10.4	0.35	1.3	22	0
05-jun	17	211.5	ND	24.9	37	776.8	217.3	52.7	12	0.48	1.1	18	10
05-jun	18	296.6	ND	25.6	33.5	776.7	25.2	41.2	12.6	0.61	0.9	21	9
05-jun	19	313.3	1.2	26	30.7	776.6	1	33.3	12	0.72	0.8	44	18
05-jun	20	322.1	1.1	26.5	28.2	776.5	0.7	30.2	11.7	0.81	0.8	39	15
05-jun	21	329.5	ND	27.1	27.2	776.3	0.7	30.5	10.9	0.84	0.8	31	14
05-jun	22	290.1	ND	27.3	26.7	776.2	0.7	25.8	13.7	0.89	1.1	28	19
05-jun	23	311.7	ND	27.6	27.5	776	0.7	22.7	15.5	0.93	1.3	25	22
06-jun	00	303	1.1	28.2	26	775.8	0.7	23.9	12.5	0.96	1.3	24	22
06-jun	01	327.9	ND	27.8	26.1	775.7	0.8	22.8	10.8	1.02	1.2	23	16
06-jun	02	313.1	1.1	28.8	24	775.5	0.9	18.8	12.7	1.06	1.5	ND	22
06-jun	03	311.2	1	28.8	21.9	775.2	0.9	19	11.9	1.07	1.5	ND	19
06-jun	04	314.8	ND	29.4	19.8	775.1	1	13.3	12.2	1.09	1.1	21	19
06-jun	05	319.6	0.9	29.4	19.7	774.9	1.1	7.9	15.5	1.11	1	ND	21
06-jun	06	316.7	1.2	29.6	18.9	774.8	13.8	5.6	19.2	1.19	1.6	20	15
06-jun	07	341.1	1	29.6	19.4	774.6	42.2	15.6	18.4	1.3	1.3	27	19
06-jun	08	328.7	ND	29.6	20	774.4	67.8	24.9	20.8	1.36	1.9	38	20
06-jun	09	307.9	ND	29.9	19.3	774.2	497.1	38.3	24.3	1.43	1.9	32	27

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
06-jun	10	300.4	ND	29.7	20.2	774.1	778.2	57.3	22.4	1.28	2.2	32	19
06-jun	11	324.9	ND	29.6	21.2	774.1	923.4	72.6	15.8	0.88	1.9	23	14
06-jun	12	310.6	ND	29.6	20.3	774	982.5	76.8	13.8	0.54	1.9	25	12
06-jun	13	322.8	ND	29.8	20.2	774	912.3	67	9.8	0.25	1.8	17	9
06-jun	14	316.2	ND	29.3	20.2	774	736.5	67.9	9.8	0.13	4.8	21	7
06-jun	15	318	ND	29.3	20.8	774	575.4	71.1	9.9	0.27	14.8	43	31
06-jun	16	321.7	ND	29	21.1	774	391.2	60.6	9.2	0.34	5.7	31	22
06-jun	17	324.2	ND	28.2	23.6	774	155.5	51.6	9.3	0.46	2.6	25	20
06-jun	18	320.6	ND	27	27.3	774.1	15.3	42	11	0.61	1.5	17	8
06-jun	19	322.2	ND	26.5	29.1	774.3	0.8	36	10.4	0.72	1	18	8
06-jun	20	321.3	ND	25.7	30.8	774.5	0.7	46.9	13.9	0.94	1.2	32	22
06-jun	21	330.9	ND	25.3	33.2	774.8	0.7	47.9	12.5	0.98	1.2	57	29
06-jun	22	322.2	ND	24.4	36	775.2	0.7	42.7	12.8	1.01	1.1	43	31
06-jun	23	322	ND	23.6	38.3	775.5	0.7	38	12	1.02	1.1	31	29
07-jun	00	324.5	ND	22.9	41.6	775.9	0.7	31.8	12.2	1.07	1	30	25
07-jun	01	317.7	ND	22.5	43.9	776.3	0.7	28	12.2	1.13	0.9	ND	22
07-jun	02	323.7	ND	22	45.1	776.7	0.7	23.2	13.6	1.19	0.9	26	22
07-jun	03	337.1	ND	21.9	45.7	776.9	0.8	20.1	14.7	1.17	0.9	26	24
07-jun	04	325.2	ND	21.6	46.4	777.1	0.8	17.2	15.7	1.17	0.9	30	25
07-jun	05	348.8	ND	21.2	50.2	777.2	0.8	26.7	11.9	1.13	0.7	25	17
07-jun	06	334.3	ND	20.8	48.6	777.2	12.7	31.5	11.4	1.15	0.7	ND	19
07-jun	07	324.6	ND	20.6	48	777.5	40.3	30.4	13.7	1.24	0.8	9	5
07-jun	08	314.7	ND	20.5	48.7	777.8	60.7	39.1	10.5	1.19	0.7	9	8
07-jun	09	314.4	ND	20.2	49.6	778	489.3	49.4	9.6	1.17	0.7	9	2
07-jun	10	303.3	ND	20	50.8	778.2	694.9	60.4	9.7	1.06	0.9	ND	5
07-jun	11	316.3	ND	19.8	50.7	778.5	767.7	65.7	8.5	0.75	0.8	10	0
07-jun	12	314.8	ND	19.6	50.8	778.6	351.7	63.5	9.6	0.6	0.8	17	11
07-jun	13	324.1	ND	19.4	52	778.6	741.2	57.2	9.3	0.6	0.8	21	8
07-jun	14	304.9	ND	19.1	53.8	778.6	805.4	83.2	9.5	0.45	1	11	4
07-jun	15	323.1	ND	18.6	55.5	778.7	271.6	73.3	10.1	0.41	1	26	19
07-jun	16	326.1	ND	18.4	56.2	778.6	92.6	51.5	10.1	0.6	0.8	44	26
07-jun	17	332.9	ND	18.4	56.7	778.5	66.8	49.1	12.2	0.81	0.8	27	21
07-jun	18	316.9	ND	18.2	58	778.5	39	41.9	13	0.95	0.7	ND	15
07-jun	19	322.5	ND	18	60.4	778.5	2.1	31.7	15.2	1.04	0.7	26	20
07-jun	20	325.9	ND	17.8	62.8	778.4	0.8	29.5	13.4	1.1	0.6	ND	29
07-jun	21	313.4	ND	17.6	64.5	778.3	0.8	26.1	12.5	1.14	0.7	23	16
07-jun	22	344.8	ND	17.3	66.2	778	0.8	20.8	13.5	1.16	0.6	26	15
07-jun	23	319.9	ND	16.9	68.2	777.9	0.8	18.5	14.7	1.17	0.6	21	17
08-jun	00	307.4	ND	16.8	69	777.9	0.8	30.4	10.5	1.03	0.6	15	3
08-jun	01	288.2	0.2	16.6	70.1	777.7	0.8	30.3	10.1	1.04	0.6	12	7

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
08-jun	02	322	0.2	16.5	70.6	777.5	0.8	27.7	10	1.06	0.6	ND	13
08-jun	03	332.3	0.1	16.3	71.8	777.4	0.8	21.8	9.9	1.09	0.5	ND	15
08-jun	04	296.1	0.2	16.1	72.6	777.3	0.8	18	10.8	1.16	0.6	ND	15
08-jun	05	307	0.2	15.9	73.8	777.3	0.8	15.5	12.3	1.2	0.5	29	16
08-jun	06	304.9	ND	15.9	74.2	777.2	15.1	10.2	15.2	1.28	0.5	73	27
08-jun	07	317.5	ND	16	73.4	777.2	44.3	18.8	21	1.45	0.7	17	11
08-jun	08	300	ND	15.9	73.7	777.1	69.4	31	21.7	1.47	0.8	ND	13
08-jun	09	328.3	0.2	15.7	74.3	776.9	494.6	50.3	14.1	1.29	0.7	23	12
08-jun	10	332.2	0.2	15.4	74.9	776.9	843.4	64.1	10.7	1.05	0.9	ND	ND
08-jun	11	322.9	0.2	15	77.1	776.9	916.7	78.5	10.2	0.73	0.8	ND	ND
08-jun	12	313	0.1	14.7	78.6	776.9	970.2	89.9	10.2	0.5	0.8	19	13
08-jun	13	316.3	0.1	14.6	79.8	776.9	893.3	96.8	11.7	0.3	0.9	21	8
08-jun	14	322.2	0.3	14.5	79.9	776.9	804.1	79.3	10.5	0.22	0.9	35	20
08-jun	15	330.2	0.2	14.5	78.4	776.9	683.4	77.2	10	0.26	0.8	40	13
08-jun	16	325.2	0.2	14.3	76.9	776.8	407.7	76.6	10.9	0.4	0.9	32	18
08-jun	17	329.3	0.2	14.1	77.5	776.9	121.6	58.8	14.1	0.57	0.9	25	16
08-jun	18	329.7	0.2	13.9	76.4	777.1	0.7	47.9	11.2	0.69	0.6	51	26
08-jun	19	338.9	0.2	13.6	77.9	777.2	0.6	41.2	15.7	1.03	0.5	ND	32
08-jun	20	307.5	0.2	13.7	78.3	777.3	0.6	38.2	15.6	1.14	0.6	ND	29
08-jun	21	345.8	ND	14	78.7	777.4	0.6	37	14.1	1.15	0.4	ND	16
08-jun	22	133.1	ND	15	74.5	777.6	0.6	25.6	12	1.17	0.4	ND	14
08-jun	23	164.2	ND	15.7	71.8	777.6	0.6	15.1	15.8	1.26	0.5	ND	11
09-jun	00	172.4	ND	16.2	70.2	777.6	0.6	18.8	12.4	1.26	0.5	13	10
09-jun	01	187.8	ND	16.5	69.6	777.7	0.6	16.1	11	1.26	0.5	20	14
09-jun	02	217.1	ND	16.8	68.8	777.8	0.6	8.4	11.4	1.27	0.5	ND	22
09-jun	03	158	ND	17.4	67.2	777.9	0.6	4.8	13.1	1.26	0.5	20	14
09-jun	04	34.7	ND	17.7	65.5	778	0.6	2.2	13.5	1.3	0.5	ND	17
09-jun	05	139.8	ND	18.2	63.7	777.9	0.6	1.4	17	1.44	0.6	17	13
09-jun	06	267	ND	18.7	62.1	778	11.9	2.3	19.1	1.5	0.6	25	8
09-jun	07	164.8	ND	19.4	60.2	777.9	36.4	4.2	21.9	1.6	0.8	ND	18
09-jun	08	150.1	1.1	20.5	56.3	777.9	62.7	24.3	24	1.55	0.8	17	12
09-jun	09	178.5	1.2	20.7	55.4	777.9	451	48.2	20	1.43	1.1	19	11
09-jun	10	178.9	ND	21.4	53.2	777.9	844.1	67.9	19.9	1.38	1.4	13	9
09-jun	11	276.7	ND	22.6	49.8	777.9	946.7	88.1	18.5	1.1	1.7	19	12
09-jun	12	304.6	ND	23	48	777.8	996.5	91.3	12.4	0.67	1.6	18	4
09-jun	13	83.8	1.3	23.1	46.9	777.8	924.2	100.2	13.6	0.5	1.5	15	4
09-jun	14	335.6	1.3	23.2	45.7	777.7	640.5	118.4	15.8	0.47	2.4	ND	20
09-jun	15	322.4	ND	24.1	41.8	777.6	70.8	85.7	16.4	0.55	1.5	39	27
09-jun	16	309.6	ND	24.8	37.8	777.5	85.3	62.6	15.9	0.75	1.1	25	14
09-jun	17	310.6	1	25.6	35.5	777.4	58.8	52.7	12.8	0.79	0.7	26	14

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
09-jun	18	315.3	1.1	25.3	33.9	777.3	10.3	34.2	20.8	1.07	0.7	26	23
09-jun	19	309.4	ND	26.1	31.6	777.1	1.1	25.5	17.9	1.09	0.7	16	9
09-jun	20	322.7	1	25.7	31.5	776.9	0.7	17.9	22.6	1.26	0.7	22	15
09-jun	21	312.4	1	26.8	29.1	776.7	0.7	14.4	24.4	1.37	0.7	32	19
09-jun	22	310.3	ND	26.9	27.8	776.5	0.7	15.9	23.4	1.37	0.6	34	22
09-jun	23	326.5	ND	27.3	27	776.4	0.7	18.4	18.6	1.33	0.8	25	15
10-jun	00	301.5	1.1	27.8	25.4	776.3	0.7	19.6	15.4	1.23	1.2	ND	20
10-jun	01	299.7	1.3	27.7	26.1	776.1	0.7	18.2	15.8	1.23	1.2	ND	17
10-jun	02	325.5	1.1	28.6	23.7	775.9	0.6	16.3	13.1	1.18	1.2	17	14
10-jun	03	322.6	ND	28.6	22.6	775.7	0.6	10.5	16.1	1.23	1	ND	17
10-jun	04	313.1	ND	28.9	22.6	775.5	0.6	6	18.7	1.3	0.8	18	15
10-jun	05	316.4	1	29.6	22.5	775.2	0.6	1.4	25.8	1.51	9.4	ND	16
10-jun	06	312.3	1.1	29.4	22.5	774.9	15.9	1.5	21.5	1.63	2.6	30	22
10-jun	07	330.3	1	28.5	22.9	774.7	55.6	5.6	30.7	1.85	2.8	33	20
10-jun	08	307.1	ND	28	23.7	774.6	93.2	21.6	34.1	1.54	4.1	28	21
10-jun	09	311.7	1.1	28.9	22.6	774.5	426.7	45.3	22.4	1.38	2.4	30	20
10-jun	10	322.1	ND	29.1	22.5	774.3	623	61.7	14.6	1.26	1.4	19	14
10-jun	11	317	1.1	29.2	22.6	774.2	830.2	69	10.5	0.94	1.2	19	14
10-jun	12	323	1.2	29	23.1	774.1	866.8	77.3	10.6	0.7	1.2	26	15
10-jun	13	318.1	ND	29.1	23	774	739	76.1	9.8	0.51	1	21	15
10-jun	14	308.8	ND	28.9	23.6	773.9	500	70	9.3	0.46	1	28	18
10-jun	15	335.8	1	27.6	25	773.9	324.4	61.2	12.8	0.52	1.2	34	16
10-jun	16	272.4	ND	27.2	25.7	774	173.2	53.3	11.7	0.61	1	34	12
10-jun	17	309.9	ND	27.5	24.9	773.9	84.5	45.2	11	0.73	0.9	44	19
10-jun	18	326.8	ND	27.5	25	773.9	31	44.1	10.5	0.82	0.9	46	23
10-jun	19	328.1	ND	26.9	25.3	774	0.7	44.9	11.7	0.93	0.8	38	25
10-jun	20	315.7	ND	26	27	774.2	0.7	45.9	12.5	1.02	0.7	27	21
10-jun	21	318.3	ND	25.6	27.9	774.3	0.7	35.8	13.7	1.09	0.8	23	13
10-jun	22	321.3	ND	25.3	27.7	774.4	0.7	29.4	15.8	1.17	0.8	22	21
10-jun	23	318.6	ND	25.1	29	774.7	0.7	27.8	14.7	1.08	1.4	29	22
11-jun	00	305.3	ND	24.6	31.6	774.8	0.7	33.5	9.3	1.03	1	34	25
11-jun	01	148.3	ND	24	32.9	775	0.7	29.8	11.9	1.06	1.2	19	17
11-jun	02	322.4	ND	23.5	35.5	775.1	0.7	28.4	12	1.08	1.2	ND	21
11-jun	03	335.8	ND	23.6	35.9	775.3	0.7	26.3	14.3	1.1	1.2	ND	20
11-jun	04	106.2	ND	23.5	37.6	775.6	0.7	20.3	19.8	1.16	1.6	29	27
11-jun	05	343.6	ND	23.2	42.6	775.7	0.7	20	20.4	1.19	1.3	34	27
11-jun	06	342.6	ND	22.6	45.2	776	8.7	16.4	23.8	1.27	1.9	52	26
11-jun	07	317.4	ND	22.1	47.5	776.4	46.1	17.7	23.8	1.28	1.7	30	25
11-jun	08	18	ND	21.8	50.4	776.7	36.9	15	28.2	1.41	2	30	27
11-jun	09	46.4	ND	21.5	52.4	776.9	122	18.6	23.5	1.42	1.3	33	24

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
11-jun	10	317.2	ND	21.1	54.7	777	148.8	25.2	18	1.32	1	21	7
11-jun	11	118.8	ND	20.7	56.2	777.2	307	34.9	15.7	1.29	0.8	14	1
11-jun	12	84.1	ND	20.6	56.5	777.4	608.7	44	11.4	1.1	0.8	ND	ND
11-jun	13	325.2	ND	20.8	56.3	777.6	890.3	49.7	12.6	0.86	0.8	ND	ND
11-jun	14	344.1	ND	20.7	55.6	777.6	659.6	57.5	13.3	0.76	1	5	3
11-jun	15	328.6	ND	20.4	55.9	777.7	703.8	63.6	12.9	0.76	1	16	9
11-jun	16	292	ND	20.1	57.3	777.8	435.4	60.5	13.5	0.81	1.1	14	8
11-jun	17	342.4	ND	19.7	58.7	777.7	202.4	49.1	14.9	0.88	2.5	17	3
11-jun	18	324.9	0.2	19.3	60.5	777.8	43.5	25.1	11.9	0.89	0.8	44	26
11-jun	19	327.9	ND	19	62	777.7	0.8	20.4	14.6	1.03	0.8	44	12
11-jun	20	5	0.1	18.7	63.4	777.7	0.7	22.8	11.4	1.05	0.6	56	6
11-jun	21	340.3	0.3	18.3	64.8	777.6	0.7	22.2	10.8	1.05	0.6	40	13
11-jun	22	321.5	0.2	18	66.3	777.6	0.7	22.9	8.8	1.07	0.6	13	10
11-jun	23	323.6	0.2	18.1	66.5	777.5	0.7	20.7	10.4	1.11	0.8	ND	10
12-jun	00	330	0.3	17.9	67.4	777.4	0.7	18.1	12	1.12	0.9	ND	11
12-jun	01	324.4	0.2	17.6	68.6	777.2	0.7	17.2	11.3	1.12	0.8	9	6
12-jun	02	332.7	0.2	17.5	69.7	777.2	0.7	16.8	9.8	1.12	0.7	ND	5
12-jun	03	332.3	0.1	17.3	70.9	777	0.7	12.7	13.4	1.12	1	8	4
12-jun	04	318.1	0.3	17.2	71.4	776.9	0.7	13	12.9	1.15	0.9	ND	12
12-jun	05	293.2	0.2	17.1	71.9	776.9	0.7	7.9	17.9	1.22	0.9	8	6
12-jun	06	310.5	0.2	16.9	73.2	776.9	18.5	4.4	21.3	1.32	1.3	ND	19
12-jun	07	305.8	0.1	17.1	72.6	776.7	55.5	5.6	22.9	1.39	1.8	29	10
12-jun	08	306.6	ND	17.5	71.5	776.7	183.9	10.3	22.2	1.46	2.1	18	6
12-jun	09	319.5	ND	18	67.8	776.7	467.3	22.5	16.7	1.38	1.1	7	0
12-jun	10	325.1	ND	18.3	65.6	776.7	688.5	31.5	17.9	1.35	1.3	ND	ND
12-jun	11	348.9	ND	18.1	66.3	776.6	904	41.6	15.4	1.08	1.2	ND	ND
12-jun	12	325	0.2	17.7	68.2	776.6	938	50.4	12.1	0.79	1.1	16	5
12-jun	13	316.7	ND	17.5	69.2	776.6	947.6	50.4	9.6	0.58	0.8	ND	ND
12-jun	14	310.5	0.2	17.2	70.2	776.7	749.3	47.2	9.8	0.47	0.7	26	3
12-jun	15	331	ND	17	70.4	776.7	585.3	44.6	9.4	0.54	0.7	29	13
12-jun	16	310.1	ND	17	69.4	776.7	359.9	41.7	9.6	0.65	0.7	22	1
12-jun	17	312.7	ND	16.9	68.5	776.7	88.8	36.7	10.2	0.74	0.7	24	13
12-jun	18	347.3	ND	16.8	68.3	776.8	22.7	31.5	11.4	0.86	0.6	24	7
12-jun	19	225.6	ND	16.7	70.3	776.9	0.9	24.3	13	0.95	0.9	23	15
12-jun	20	163.3	ND	16.5	73.7	776.9	0.8	23.2	13	1.04	0.9	31	13
12-jun	21	96.3	ND	16.1	75.6	777	0.8	26.1	11.4	1.09	0.8	19	15
12-jun	22	135.9	ND	15.8	77.4	777.2	0.8	28.4	9.3	1.13	2.4	16	8
12-jun	23	160.6	ND	15.8	77.7	777.2	0.8	27.4	10.4	1.19	10.3	ND	21
13-jun	00	358.6	ND	16	77.1	777.3	0.8	28.9	10.4	1.22	12.9	ND	35
13-jun	01	320.2	ND	16.2	76.8	777.3	0.8	35.2	10	1.19	11.5	18	16

Fecha	Hora	DV (°)	VV (m/s)	Temp (°C)	Hum (%)	PB (mBar)	RadSol (W/m2)	O3 (ppb)	NO2 (ppb)	CO (ppm)	SO2 (ppb)	PM10 (µg/m3)	PM2.5 (µg/m3)
13-jun	02	278.9	ND	16.6	74.7	777.4	0.8	33.9	11.6	1.2	8.8	15	8
13-jun	03	210.5	ND	17	72	777.4	0.8	34.9	11.7	1.27	18.2	ND	18
13-jun	04	212.5	ND	17.3	70.4	777.5	0.8	33	13.2	1.26	15.5	22	15
13-jun	05	162	ND	17.9	68.7	777.4	0.8	31.9	15.3	1.27	11.4	20	10
13-jun	06	160.9	ND	18.3	67.6	777.5	23.7	24.9	22.3	1.35	11.3	27	18
13-jun	07	216	ND	18.7	65.8	777.5	72.7	30.7	19.9	1.37	7.6	21	12
13-jun	08	178	ND	19.2	61.8	777.6	49.6	33.6	20.3	1.39	10.3	27	15

ND.- No determinado

Anexo 2. Datos del Monitoreo de la composición elemental y de carbono en $PM_{2.5}$, expresados en ng/m^3, del 28 de abril al 15 de junio de 2020 en los Viveros de Coyoacán de la Ciudad de México.

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
28-abr	16	604.8	562.4	1096.7	14.8	94.0	188.3	11.5	5.5	2.8	152.7	1.4	11.7	10.6	0.2	0.6	4.4	0.4	ND	ND
28-abr	18	410.7	293.0	577.8	8.3	59.1	110.5	6.5	1.7	1.2	79.5	0.2	2.7	5.9	0.1	0.1	3.0	0.5	8946.1	590.0
28-abr	20	516.0	281.7	785.6	13.0	146.8	87.1	6.1	0.9	1.4	69.2	0.2	2.2	7.7	0.5	0.2	3.8	0.3	7925.1	405.8
28-abr	22	619.9	265.7	807.5	16.8	156.0	81.6	7.0	0.9	1.3	81.5	0.1	2.9	8.5	0.2	0.2	4.0	1.0	7388.5	669.2
29-abr	00	798.5	270.0	799.4	20.9	134.7	106.0	6.8	1.2	1.2	85.5	0.4	3.2	8.5	0.6	0.2	3.8	0.3	7591.2	767.8
29-abr	02	627.7	239.5	783.2	66.1	164.6	72.3	6.3	1.0	1.8	72.3	0.2	6.7	10.0	0.5	0.3	4.9	1.8	7506.9	750.3
29-abr	04	479.9	212.6	852.8	43.3	238.7	59.2	5.9	1.3	2.8	63.4	0.4	3.4	8.7	0.7	0.2	5.7	0.9	7720.1	782.7
29-abr	06	463.7	320.4	1157.2	48.5	323.6	91.6	7.4	1.7	2.0	114.9	0.5	5.0	10.7	0.5	0.3	6.5	1.5	7999.4	1693.9
29-abr	08	694.3	453.4	1129.3	34.8	248.6	171.2	10.9	1.9	3.5	179.4	0.5	7.7	16.3	0.9	2.1	6.5	2.2	7722.8	2680.8
29-abr	10	665.4	247.7	1012.8	23.1	161.1	104.8	6.9	2.7	4.7	112.9	0.7	6.8	19.2	0.6	2.5	6.1	1.7	6130.1	962.3
29-abr	12	755.9	247.2	1313.1	18.8	221.1	93.2	6.4	2.3	2.8	103.2	0.4	4.5	28.8	0.5	3.2	7.2	1.6	6965.2	815.4
29-abr	14	705.1	266.4	1308.7	26.6	183.5	89.9	6.4	2.3	3.5	90.3	0.5	3.6	25.0	0.6	0.9	6.7	1.5	7514.5	797.6
29-abr	16	459.2	217.4	1346.9	13.0	165.2	79.2	5.6	2.9	1.3	65.5	0.5	2.3	9.1	1.2	0.3	4.7	1.5	5662.8	604.9
29-abr	18	815.4	834.5	1108.5	10.6	137.1	186.8	13.2	2.3	3.1	139.9	0.5	2.5	5.7	0.2	0.1	3.8	0.6	4867.2	364.8
29-abr	20	748.0	823.2	1543.8	39.1	157.9	207.9	11.9	3.7	1.9	124.3	0.6	2.9	7.3	0.5	0.4	4.9	0.5	4685.1	579.0
29-abr	22	588.2	535.8	1083.7	24.0	134.0	120.6	8.6	2.1	1.9	104.1	0.4	3.4	12.6	0.6	0.5	6.3	1.6	4729.2	1004.3
30-abr	00	660.8	419.6	457.2	15.6	66.6	79.1	7.8	0.0	2.0	78.5	0.0	1.6	13.1	0.6	0.0	3.7	0.0	3324.8	197.1
30-abr	02	584.6	323.5	559.1	26.1	81.9	97.6	4.5	0.1	1.0	46.4	0.0	2.7	203.2	0.8	0.2	4.0	3.0	3269.8	293.4
30-abr	04	411.2	113.8	848.2	17.4	102.1	44.6	2.4	0.3	0.7	31.5	0.0	1.2	38.5	0.5	0.2	4.8	0.9	3295.7	252.9
30-abr	06	488.0	110.5	805.9	18.4	102.7	41.5	2.7	0.3	0.6	39.1	0.2	2.5	38.3	0.5	0.2	4.0	1.1	3600.5	937.5
30-abr	08	604.2	266.7	997.6	53.1	114.3	93.3	5.4	4.7	3.1	102.2	0.8	6.6	51.1	0.5	0.7	5.4	2.7	3703.0	718.5
30-abr	10	541.1	438.2	1302.8	61.0	122.6	170.8	8.7	16.9	6.8	143.5	3.0	14.3	70.4	0.9	2.4	7.2	4.0	4573.2	1240.5
30-abr	12	488.8	209.7	985.9	21.8	93.2	96.0	5.9	8.6	4.3	99.4	1.6	5.6	41.8	0.6	1.1	5.0	1.8	4787.8	840.0
30-abr	14	661.0	252.3	990.5	16.4	97.2	93.9	8.1	3.9	3.6	103.7	0.8	4.7	30.2	0.6	2.7	5.8	1.6	5360.9	687.1
30-abr	16	524.9	284.9	1041.1	17.1	85.3	99.8	8.0	2.8	4.0	96.2	0.6	5.6	28.6	0.4	0.6	6.6	2.5	5708.5	762.1
30-abr	18	474.2	124.7	1097.5	3.4	41.1	67.5	3.7	3.4	0.6	58.1	0.7	3.4	4.5	0.4	0.4	2.7	0.0	3241.6	420.5
30-abr	20	444.3	107.6	861.9	5.5	47.3	69.4	3.7	2.4	0.5	42.8	0.4	1.5	3.6	0.2	0.2	1.9	0.0	3071.5	395.5
30-abr	22	481.6	15.7	823.0	2.8	42.1	27.5	2.3	2.6	0.1	25.9	0.5	1.4	3.4	0.4	0.1	1.5	0.0	3230.1	371.5
01-may	00	528.4	5.7	779.9	6.3	36.1	17.3	1.9	2.3	0.0	27.7	0.2	3.5	3.2	0.6	0.1	1.9	0.0	3600.0	439.7
01-may	02	461.3	9.5	630.0	7.2	42.5	15.5	1.9	1.4	0.0	25.8	0.3	4.0	3.3	0.5	0.1	2.1	0.3	3450.4	548.7
01-may	04	477.3	9.5	443.6	2.5	48.6	12.4	1.0	0.8	0.0	18.1	0.0	1.1	2.0	0.5	0.1	1.9	0.0	3091.1	345.1
01-may	06	460.8	40.5	480.3	6.8	52.4	17.3	1.6	0.9	0.0	25.9	0.2	1.0	2.4	0.6	0.2	1.9	0.1	3063.6	489.9
01-may	08	470.7	117.3	708.4	71.4	66.0	63.2	3.7	1.7	2.2	79.1	0.4	10.5	16.5	0.9	0.5	5.4	2.3	4432.0	1460.6
01-may	10	459.7	96.0	1140.7	13.2	64.2	57.2	4.2	6.2	1.8	61.9	1.3	8.0	10.1	0.7	0.6	4.7	0.9	4165.3	750.7
01-may	12	465.2	116.7	907.5	12.9	71.1	55.2	4.3	2.5	2.2	68.3	0.5	7.1	9.3	0.5	0.3	4.7	1.2	5135.3	894.9

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
01-may	14	377.2	104.3	982.3	12.3	106.6	40.5	3.3	1.7	0.7	47.2	0.4	7.7	6.6	0.5	0.8	4.6	1.1	4759.5	567.3
01-may	16	571.2	69.5	646.5	7.2	76.4	53.3	3.4	0.4	0.6	42.4	0.0	2.6	6.5	0.4	0.3	3.2	0.4	3544.4	522.3
01-may	18	494.5	24.5	492.4	7.3	85.8	30.4	2.5	0.0	0.3	36.1	0.1	1.9	6.6	0.4	0.1	3.0	0.4	3470.2	477.8
01-may	20	413.0	45.9	552.7	15.7	93.4	32.4	3.7	0.1	0.6	61.7	0.1	3.2	10.6	0.6	0.9	2.9	0.7	4129.2	964.2
01-may	22	556.4	109.0	1075.9	66.1	73.3	46.0	3.1	1.0	0.7	46.4	0.2	57.8	20.6	1.7	1.2	8.1	13.5	4146.2	701.0
02-may	00	633.5	61.8	950.7	79.6	78.8	33.2	3.3	0.7	0.5	52.9	0.0	63.6	16.8	1.5	1.0	6.6	14.9	4993.4	912.0
02-may	02	569.0	8.1	768.1	30.1	128.0	21.2	2.6	0.4	0.3	38.6	0.0	20.1	14.4	1.1	0.9	3.6	5.6	4634.7	917.3
02-may	04	596.0	19.7	675.3	18.3	78.5	18.8	2.0	0.2	0.3	31.9	0.0	8.0	7.8	1.2	0.8	2.9	2.6	4113.8	646.8
02-may	06	405.0	48.7	627.5	21.9	67.7	27.2	2.7	0.1	0.7	58.5	0.0	10.1	7.5	1.1	0.6	3.1	2.9	4109.2	1153.0
02-may	08	533.8	146.5	779.1	139.9	91.3	58.0	5.1	0.2	2.3	110.1	0.1	20.7	15.2	1.0	0.6	10.2	4.4	5286.0	2077.7
02-may	10	469.7	280.8	1188.7	115.5	155.9	117.9	8.1	0.6	6.6	167.7	0.1	26.1	32.2	1.0	0.6	11.3	5.8	8291.5	2405.2
02-may	12	625.6	168.1	1082.5	27.5	180.1	83.8	5.5	0.2	1.8	93.6	0.2	10.4	25.4	1.3	1.9	7.7	2.6	6905.1	1151.2
02-may	14	487.0	137.1	891.5	19.1	134.8	57.6	4.3	0.2	0.8	50.2	0.1	5.0	16.3	0.5	1.5	6.0	2.1	6398.9	800.3
02-may	16	539.4	115.4	1454.5	9.0	101.3	69.5	3.7	5.5	0.6	47.6	1.0	3.5	12.4	0.4	0.4	4.1	0.6	4353.4	535.4
02-may	18	496.4	66.3	1094.3	6.5	73.9	68.5	3.0	4.7	0.4	46.3	0.9	5.5	11.2	0.3	0.1	3.1	0.1	3302.8	384.4
02-may	20	446.1	116.2	1055.0	7.5	97.1	55.1	4.2	2.3	0.8	55.9	0.4	3.0	5.2	0.4	0.1	2.9	0.1	3325.7	456.3
02-may	22	510.1	114.6	1030.3	13.7	137.7	37.3	3.3	0.5	0.8	50.2	0.1	3.9	7.6	0.5	0.2	4.1	0.3	4428.8	448.9
03-may	00	581.1	101.2	1094.1	32.1	144.4	56.7	3.5	0.9	0.7	47.9	0.1	4.5	27.1	1.1	0.2	4.4	1.5	5234.2	795.8
03-may	02	474.4	90.7	967.2	15.1	136.1	39.6	2.9	0.6	0.8	43.3	0.1	2.2	14.6	1.5	0.4	3.5	1.7	4794.7	680.7
03-may	04	475.7	65.4	790.3	12.6	104.9	32.0	2.5	0.5	0.4	37.4	0.1	3.5	5.5	0.9	0.5	3.1	1.3	4120.8	533.0
03-may	06	536.5	50.7	927.5	15.6	193.9	33.7	2.8	0.8	0.5	49.7	0.1	7.2	7.1	1.2	0.6	4.7	2.4	5415.0	947.0
03-may	08	428.0	145.8	1050.0	45.4	208.1	58.7	3.9	0.7	0.7	69.8	0.1	11.8	16.7	1.2	1.5	5.9	3.7	6164.8	1150.6
03-may	10	444.5	170.3	1253.2	34.3	266.7	61.2	4.8	0.6	1.1	70.5	0.1	7.3	25.7	1.8	1.5	7.5	2.9	7327.3	1182.6
03-may	12	434.7	79.4	751.3	13.6	136.1	48.1	2.8	0.4	0.5	46.5	0.0	2.9	12.6	1.1	2.1	4.7	0.8	5031.6	667.7
03-may	14	313.3	126.3	631.7	15.4	104.3	56.8	2.8	0.4	0.7	38.5	0.0	2.8	15.0	0.9	0.6	4.6	1.0	6735.6	533.7
03-may	16	461.2	82.4	1317.7	6.7	75.3	68.5	2.4	9.3	0.4	32.5	1.6	1.6	4.7	0.9	0.6	3.8	0.4	3519.5	572.1
03-may	18	526.6	97.3	1066.8	9.4	70.6	61.1	2.5	4.3	0.5	43.6	0.8	5.1	5.4	0.8	0.8	3.6	0.1	3134.6	370.0
03-may	20	412.4	249.8	826.9	7.9	101.7	72.8	4.7	1.7	1.3	53.6	0.3	1.8	5.2	0.7	0.0	3.2	0.3	3610.7	395.4
03-may	22	493.5	200.8	724.5	218.1	110.2	59.3	4.4	0.4	1.3	51.5	0.1	49.1	42.6	0.5	0.1	3.2	0.4	3776.0	390.9
04-may	00	700.7	166.3	773.9	227.2	109.5	67.7	4.7	0.5	1.3	66.4	0.1	137.7	46.0	0.7	0.1	3.3	0.4	8035.8	13976.2
04-may	02	561.1	136.5	747.3	27.8	115.2	49.3	4.0	0.4	1.3	49.7	0.1	7.8	10.2	0.6	0.1	3.2	0.5	4162.4	623.3
04-may	04	469.0	160.1	680.2	30.8	101.3	62.5	4.8	0.5	1.3	62.4	0.2	6.6	10.8	0.5	0.2	3.1	0.6	3826.6	665.9
04-may	06	450.2	239.4	687.3	24.1	102.9	83.9	6.2	0.1	1.3	138.5	0.2	8.2	11.9	0.6	0.4	3.4	0.8	4052.2	2534.2
04-may	08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4716.6	2814.0
12-may	14	565.1	124.0	1125.8	25.6	202.7	50.3	4.5	0.3	1.9	62.4	0.2	8.0	13.4	0.5	0.7	6.6	0.8	ND	ND
12-may	16	609.1	95.6	1181.7	16.8	297.9	53.7	5.3	0.2	1.9	53.4	0.1	2.4	7.1	0.6	0.2	6.1	0.6	11769.9	603.6
12-may	18	647.1	78.8	1004.1	23.7	302.0	38.8	3.7	0.1	0.9	48.2	0.1	1.8	5.9	0.6	0.2	5.7	0.0	10941.9	632.5
12-may	20	553.7	130.5	897.7	87.9	301.4	68.3	4.5	0.2	0.7	70.0	0.0	2.4	5.7	0.4	0.2	5.7	0.1	10630.8	965.8
12-may	22	662.4	96.9	1117.8	32.7	369.5	38.5	3.6	0.2	0.6	68.5	0.2	5.0	7.3	0.3	0.2	7.3	0.5	11024.6	895.1
13-may	00	765.6	35.8	1084.6	29.9	405.6	29.1	3.2	0.5	0.3	47.2	0.0	3.3	6.5	0.6	0.1	8.4	0.1	10790.8	905.2

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
13-may	02	637.6	59.4	1046.9	30.1	394.2	32.4	3.2	0.4	0.3	41.6	0.0	3.7	7.1	0.4	0.1	7.6	0.4	10753.9	878.4
13-may	04	558.1	46.0	952.1	19.9	354.0	27.5	2.8	0.0	0.1	36.2	0.1	1.9	5.8	0.4	0.1	6.1	0.2	9871.9	695.2
13-may	06	467.8	91.8	902.4	25.2	317.7	37.8	2.8	0.1	0.4	57.1	0.1	4.2	5.6	0.4	0.2	6.2	0.4	8876.2	973.2
13-may	08	607.3	212.6	959.3	31.3	369.0	69.4	4.7	0.0	1.1	101.6	0.0	12.2	10.0	0.6	0.2	9.1	2.2	9474.8	1557.6
13-may	10	602.0	184.2	1142.5	36.2	519.8	70.9	4.7	0.3	3.6	111.5	0.0	14.7	19.7	0.9	0.7	11.9	3.2	11618.2	1666.5
13-may	12	531.6	113.5	877.6	18.9	315.2	45.8	4.4	0.1	1.8	100.5	0.0	4.4	9.3	0.4	0.3	7.5	0.8	8046.7	694.6
13-may	14	510.9	115.8	1398.9	22.3	353.2	42.6	3.9	0.1	0.5	41.2	0.0	3.0	8.1	0.4	0.2	7.2	0.7	8278.3	740.4
13-may	16	507.0	112.5	1091.2	18.7	401.1	64.5	4.4	0.3	0.7	50.8	0.0	1.5	5.1	0.4	0.2	7.4	0.1	8863.8	730.6
13-may	18	655.8	72.9	1061.3	24.6	540.2	40.6	3.1	0.1	0.5	36.1	0.1	1.2	5.2	0.3	0.1	7.5	0.4	11270.1	1123.9
13-may	20	647.5	58.8	1229.7	34.4	628.2	43.6	3.2	0.0	0.5	42.7	0.1	1.6	6.3	0.5	0.2	8.6	0.1	12954.2	1264.7
13-may	22	603.8	107.6	996.4	32.0	488.7	35.7	3.1	0.2	0.5	53.0	0.1	4.2	6.5	0.5	0.2	8.8	0.6	11179.9	1332.9
14-may	00	770.7	36.0	753.8	34.5	341.3	22.7	2.0	0.8	0.0	30.3	0.1	3.7	6.0	0.3	0.1	10.1	0.9	9186.0	1077.0
14-may	02	508.5	85.4	836.9	29.0	423.8	35.4	2.6	0.3	0.3	46.6	0.0	8.3	8.2	0.5	0.1	8.8	1.8	9695.3	1251.7
14-may	04	637.6	65.8	804.3	22.7	399.2	35.3	2.8	0.0	0.4	49.6	0.1	5.2	6.8	0.2	0.1	6.6	1.4	9639.2	1364.2
14-may	06	599.3	213.4	796.1	19.9	396.0	68.7	5.3	0.0	1.1	123.2	0.0	6.6	9.1	0.5	0.2	9.0	1.1	9899.3	2926.2
14-may	08	471.5	265.1	972.7	32.6	476.2	91.4	6.2	0.0	1.5	168.2	0.0	7.1	11.9	0.5	0.3	9.5	1.2	10941.3	3226.3
14-may	10	668.4	125.9	1084.1	31.5	476.4	87.2	4.7	0.2	2.6	102.8	0.2	4.3	10.9	0.5	2.3	9.5	1.4	12058.5	1897.7
14-may	12	525.6	102.7	1266.9	25.4	475.6	41.1	3.2	0.1	1.3	57.6	0.2	2.7	7.3	0.5	0.7	8.7	0.2	11728.8	1411.0
14-may	14	730.6	162.3	1368.0	57.4	544.8	74.1	5.7	0.1	1.1	62.6	0.1	11.4	23.5	0.3	0.3	8.8	0.7	12798.5	1427.0
14-may	16	550.7	191.0	1910.2	28.1	474.2	79.7	5.6	0.0	0.8	55.4	0.1	1.6	5.9	0.4	0.2	8.0	0.5	9952.4	1193.2
14-may	18	666.2	139.3	1685.5	22.0	493.6	53.2	5.4	0.0	0.8	64.7	0.1	3.0	8.3	0.6	0.4	8.2	0.3	10527.6	1384.4
14-may	20	603.4	168.0	1363.9	35.2	458.3	56.8	4.8	0.0	0.8	67.8	0.0	3.6	9.1	0.8	0.4	7.6	0.5	10342.9	1418.1
14-may	22	778.2	168.2	1441.0	40.9	530.4	60.2	5.2	0.0	1.0	115.2	0.2	20.8	9.5	1.0	0.3	10.0	1.5	11560.2	1854.5
15-may	00	713.0	120.8	1007.6	42.9	450.8	49.2	3.6	0.2	0.3	48.9	0.1	9.9	6.5	1.4	0.2	10.4	1.2	9643.0	1234.1
15-may	02	715.2	103.3	1118.8	45.2	514.4	51.0	3.2	0.0	0.4	55.9	0.1	18.0	7.1	1.6	0.2	9.5	2.8	10677.3	1507.5
15-may	04	715.3	147.3	1094.4	42.5	515.3	53.6	4.4	0.0	0.5	76.4	0.0	35.4	9.9	1.2	0.3	11.4	4.9	11166.5	1828.2
15-may	06	553.5	204.7	1006.1	33.0	472.8	68.4	5.0	0.0	0.9	137.8	0.1	15.9	11.2	0.9	0.2	8.5	2.4	10225.1	2689.5
15-may	08	774.5	348.6	1106.6	67.3	474.4	152.6	8.3	0.0	3.0	237.4	0.3	22.7	30.3	1.7	2.5	12.5	5.2	11239.6	5157.3
15-may	10	718.5	189.9	1123.6	59.8	462.6	109.2	5.8	0.0	4.9	143.5	0.1	15.7	38.4	1.8	3.0	12.9	4.6	10574.3	2252.7
15-may	12	683.1	142.1	1167.0	22.3	439.7	52.9	4.7	0.1	1.4	59.6	0.1	4.6	10.0	0.7	0.4	9.1	0.9	10063.0	1234.1
15-may	14	755.0	153.1	1205.7	25.8	464.6	69.5	6.0	0.3	1.0	57.0	0.1	2.8	7.1	0.7	0.1	8.1	0.1	9946.6	1144.9
15-may	16	751.6	199.1	1246.6	30.7	642.2	80.5	7.4	0.2	1.5	66.5	0.0	1.7	9.0	0.7	0.2	9.1	0.6	11615.9	1305.0
15-may	18	560.8	79.0	1034.3	27.7	566.7	46.6	3.4	0.3	0.8	46.5	0.0	1.2	5.9	0.7	0.2	7.8	0.2	11218.4	1241.2
15-may	20	637.3	76.3	720.9	32.1	436.2	37.5	3.5	0.1	0.5	46.3	0.0	1.3	4.8	0.4	0.1	5.9	0.0	11108.0	1179.8
15-may	22	669.6	115.9	371.5	38.9	232.5	35.4	3.3	0.3	0.3	46.8	0.0	2.3	4.3	1.3	0.3	5.5	2.1	7169.9	859.7
16-may	00	658.6	51.2	359.0	32.0	210.3	33.2	3.3	0.0	0.1	54.8	0.0	2.8	4.4	0.7	0.1	3.9	0.9	7006.6	751.5
16-may	02	428.6	114.1	422.9	38.6	253.8	45.5	4.8	0.0	0.4	71.4	0.0	8.8	6.7	0.7	0.1	4.6	4.0	7545.1	992.6
16-may	04	518.2	104.7	390.1	39.0	237.0	43.5	3.4	0.0	0.2	58.3	0.0	7.7	11.7	0.7	0.1	4.8	3.3	7384.2	1303.8
16-may	06	370.1	133.5	245.6	29.2	132.0	48.2	3.4	0.0	0.2	72.5	0.0	4.9	7.7	0.6	0.0	2.7	1.9	5324.4	2119.8
16-may	08	631.1	170.9	309.5	29.6	183.8	67.1	4.1	0.0	0.6	70.7	0.0	3.8	6.3	0.7	0.2	3.9	1.4	5867.3	1048.5

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
16-may	10	374.3	76.9	319.1	15.6	178.5	43.3	2.9	0.0	1.2	50.1	0.1	2.4	3.8	0.5	0.1	4.7	1.0	5809.1	622.8
16-may	12	567.8	90.6	277.3	17.5	96.1	36.0	2.9	0.0	0.5	40.8	0.0	3.1	4.0	0.8	0.3	4.4	6.7	4759.8	544.2
16-may	14	585.0	186.6	508.4	23.6	236.2	54.1	5.0	0.2	0.7	55.2	0.0	4.5	5.8	0.8	0.5	6.5	8.4	6582.0	712.5
16-may	16	683.6	194.1	513.5	17.1	223.6	39.5	5.7	0.0	0.8	55.1	0.0	1.6	3.5	0.6	0.3	4.7	3.4	6965.5	772.0
16-may	18	545.7	109.4	380.6	21.9	212.2	34.8	3.7	0.0	0.3	40.8	0.0	0.7	2.8	0.2	0.1	4.0	0.1	7300.5	663.3
16-may	20	481.1	154.9	236.5	48.3	92.9	49.3	3.0	0.3	0.4	38.8	0.0	1.2	2.2	0.2	0.0	3.6	0.3	4457.1	466.4
16-may	22	662.7	78.1	305.2	28.0	134.3	37.9	3.0	0.4	0.4	40.8	0.2	1.3	3.3	0.5	0.6	3.4	5.5	4096.0	494.2
17-may	00	672.3	71.1	347.9	34.9	201.6	38.1	4.0	0.0	0.1	54.6	0.0	2.2	4.2	0.6	0.2	3.7	2.2	6608.3	729.8
17-may	02	548.5	157.8	379.5	63.0	238.0	54.4	4.0	0.0	0.4	54.7	0.0	2.5	5.1	0.3	0.1	4.7	1.9	7635.1	967.3
17-may	04	451.6	23.6	370.6	21.9	151.1	21.4	1.5	0.0	0.1	23.7	0.0	1.7	2.8	0.3	0.1	4.3	0.7	4680.3	578.8
17-may	06	418.2	57.8	291.2	21.4	115.6	26.7	2.2	0.0	0.1	33.9	0.0	2.9	3.2	0.4	0.1	3.5	1.2	4095.3	486.6
17-may	08	602.3	101.2	1050.9	29.9	173.6	54.5	4.0	12.1	1.8	84.3	2.1	3.5	45.1	1.0	2.7	5.1	5.1	5187.7	935.8
17-may	10	679.1	95.0	2045.5	72.8	248.2	64.0	3.3	19.6	6.5	100.6	3.4	4.5	165.8	1.1	4.0	10.6	14.9	7600.7	934.0
17-may	12	467.4	133.6	1384.4	28.3	187.6	69.8	4.0	8.1	1.9	71.2	1.4	3.4	47.7	0.6	0.4	7.7	2.9	7629.1	871.4
17-may	14	512.1	122.9	1150.6	15.4	134.1	50.7	3.1	3.6	0.6	44.8	0.6	1.4	10.3	0.4	0.1	5.8	0.5	6314.3	629.3
17-may	16	702.6	72.7	1608.9	18.4	131.2	41.4	3.1	2.9	0.6	43.0	0.4	1.5	14.3	0.3	0.3	5.9	1.1	6311.0	598.9
17-may	18	620.9	124.8	1432.9	30.6	369.1	58.4	4.8	2.0	0.8	57.4	0.3	2.3	12.8	0.8	0.2	7.7	1.4	9800.0	1175.9
17-may	20	590.6	213.6	1133.9	47.7	376.3	81.0	6.2	1.1	1.1	76.9	0.2	3.3	11.4	0.7	0.3	8.0	1.4	9699.2	1097.2
17-may	22	667.7	440.5	1349.8	28.9	340.2	112.8	7.6	1.1	2.1	88.8	0.2	2.6	25.6	0.6	0.5	6.6	1.9	7519.4	924.6
18-may	00	761.7	276.9	1641.4	17.1	252.9	71.4	5.4	0.4	3.5	65.7	0.1	1.3	32.4	1.0	0.2	6.0	1.7	6066.2	681.1
18-may	02	620.9	140.2	1889.5	25.0	232.1	52.2	3.3	1.2	5.1	58.1	0.2	1.5	64.1	1.8	1.2	6.4	5.3	4958.6	603.0
18-may	04	627.6	116.4	1933.0	10.9	243.2	37.8	3.2	2.7	2.2	38.7	0.3	1.1	8.5	0.8	1.2	5.8	1.6	5362.4	730.5
18-may	06	907.1	850.6	1914.0	12.4	280.1	283.9	15.3	3.2	4.0	162.2	0.6	3.4	11.8	0.9	2.0	5.8	3.8	6243.2	1355.8
18-may	08	679.3	308.4	1784.2	23.7	281.6	95.5	7.0	1.8	3.0	100.2	0.2	3.0	12.0	0.7	0.9	6.4	1.3	7071.0	1389.9
18-may	10	594.7	261.1	1587.3	18.3	326.7	81.3	6.4	1.1	5.4	106.6	0.2	3.7	12.9	0.6	0.5	7.1	1.2	7806.5	1121.8
18-may	12	670.8	259.9	1372.6	24.0	296.6	96.0	6.5	1.2	3.5	106.9	0.2	5.6	19.5	0.4	0.8	7.5	1.7	ND	ND
18-may	14	491.5	331.0	1237.5	26.9	215.0	101.6	7.6	0.5	3.4	95.0	0.1	3.9	30.2	0.4	0.4	7.4	2.1	7968.2	693.6
18-may	16	744.9	645.8	1240.9	27.1	199.5	178.4	10.8	0.7	3.6	125.5	0.3	3.8	43.7	0.3	0.5	6.9	2.9	6498.1	599.3
18-may	18	789.0	622.6	1668.6	22.8	274.2	192.1	11.9	1.8	4.2	142.1	0.3	4.0	34.5	0.6	0.3	7.3	2.5	7642.8	717.8
18-may	20	613.6	370.0	1363.7	20.9	301.2	118.2	7.9	1.0	3.3	81.8	0.3	2.6	14.6	0.4	0.3	7.1	1.4	8580.1	659.1
18-may	22	580.1	166.1	975.5	9.2	177.2	36.7	4.2	0.2	1.9	45.5	0.0	1.8	7.2	0.7	0.2	4.8	0.4	5751.7	405.5
19-may	00	822.0	142.0	1147.1	49.5	304.9	48.7	4.8	0.8	1.8	62.9	0.2	2.9	21.1	1.1	0.3	5.4	1.4	7169.2	692.8
19-may	02	608.1	169.3	1116.6	71.7	252.9	45.0	4.7	0.7	1.8	61.7	0.1	8.4	16.8	1.3	0.5	5.7	2.8	6688.8	717.9
19-may	04	596.8	165.3	993.6	130.7	164.2	41.5	5.2	0.4	2.2	64.5	0.0	18.1	12.5	1.6	0.5	6.5	4.2	6511.9	1189.2
19-may	06	506.8	207.0	886.5	39.3	137.3	51.8	5.7	0.1	1.9	90.9	0.0	9.5	10.6	1.0	0.3	4.8	2.6	5468.5	1916.5
19-may	08	609.0	247.6	902.5	27.4	152.0	72.5	6.0	0.3	1.8	101.3	0.1	5.2	15.8	0.9	0.3	5.0	2.2	5122.9	1363.4
19-may	10	558.3	305.0	1012.6	15.8	168.9	90.2	7.4	0.3	5.2	119.4	0.1	4.3	13.5	0.9	0.2	5.5	1.2	5912.9	816.8
19-may	12	581.2	244.5	779.7	13.6	113.9	87.0	5.7	0.4	3.0	75.2	0.2	2.8	14.1	0.5	0.1	4.8	0.7	4023.3	419.7
19-may	14	632.3	274.4	924.5	14.8	106.1	91.4	6.5	0.6	3.1	86.2	0.2	4.8	15.8	0.7	0.4	5.5	1.3	4497.7	483.8
19-may	16	645.5	352.9	963.5	24.4	102.0	125.8	8.7	0.3	4.4	131.5	0.2	5.1	46.5	1.2	1.3	6.6	2.9	5451.6	656.2

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
19-may	18	622.2	402.4	1212.4	22.4	235.0	109.1	9.0	0.4	3.1	113.1	0.1	5.2	22.5	0.9	0.6	6.7	3.6	7059.0	838.3
19-may	20	461.1	251.5	1423.8	50.8	295.2	74.0	5.2	0.9	1.9	69.3	0.1	2.3	10.6	0.8	0.5	6.9	2.5	7820.7	747.1
19-may	22	717.3	202.0	1347.6	22.7	289.2	56.0	5.1	1.4	1.3	66.8	0.2	4.1	9.2	0.5	0.4	6.6	1.8	8734.5	831.8
20-may	00	688.3	279.5	1299.9	47.0	338.2	94.3	7.6	1.9	2.2	99.0	0.3	8.9	18.4	0.8	0.4	7.8	2.8	8597.0	1151.3
20-may	02	633.6	288.4	1375.8	42.2	332.4	84.6	6.3	3.0	2.0	79.7	0.4	7.2	15.4	0.7	0.8	7.8	3.1	9248.5	1058.2
20-may	04	648.7	366.3	1291.4	58.7	355.6	98.5	8.0	1.4	3.5	96.3	0.2	13.4	23.7	0.8	0.6	9.3	4.4	9815.6	1324.7
20-may	06	500.1	273.7	1238.5	67.3	360.4	82.9	7.2	1.2	3.3	97.0	0.2	13.8	21.7	0.7	0.6	9.7	4.5	10221.5	1937.9
20-may	08	657.8	434.2	1189.8	60.9	353.4	134.4	9.2	1.0	3.2	144.3	0.2	12.2	19.3	0.7	0.6	9.6	3.8	10226.1	2276.0
20-may	10	806.1	404.3	1190.4	83.2	460.1	155.1	10.3	1.1	6.8	187.4	0.4	15.5	47.0	1.0	1.6	14.1	6.0	12998.8	2537.2
20-may	12	865.1	351.7	1102.2	76.6	444.0	131.6	8.1	1.1	6.3	214.4	0.6	12.6	105.9	1.2	2.0	13.6	7.2	12052.3	1697.4
20-may	14	655.4	301.3	1237.8	45.0	385.2	103.7	7.4	0.7	3.5	132.1	0.2	7.8	44.1	0.7	1.1	10.3	3.0	10621.6	1375.9
20-may	16	677.2	320.1	1493.9	32.7	427.1	105.0	7.9	0.8	3.0	106.8	0.2	7.3	26.5	0.5	1.7	10.0	2.9	10161.7	1417.8
20-may	18	780.6	276.3	1676.0	37.8	515.4	93.5	7.5	2.0	2.6	121.3	0.4	5.5	23.3	0.6	1.4	10.5	5.2	11548.2	1686.5
20-may	20	623.6	209.7	1368.7	65.1	705.3	56.4	5.1	0.4	1.0	73.5	0.2	2.4	11.8	0.6	0.6	11.0	5.2	16392.3	2251.2
20-may	22	820.8	419.7	1541.9	78.8	939.6	104.9	9.0	1.2	4.5	119.9	0.2	6.2	24.3	1.1	0.4	13.7	9.4	19613.2	2837.0
21-may	00	943.6	328.4	1854.2	53.3	645.0	94.5	7.6	1.8	1.6	93.8	0.2	3.8	16.9	0.6	0.4	10.4	3.2	14460.4	2073.6
21-may	02	797.7	324.3	1841.4	43.9	668.9	86.6	6.9	2.1	1.7	91.3	0.4	3.0	16.9	0.8	0.5	10.7	3.4	14142.4	1997.6
21-may	04	619.9	248.9	1658.9	49.5	732.9	75.3	6.7	1.5	1.4	88.2	0.3	3.8	17.3	0.7	0.6	11.7	4.3	16431.8	2670.6
21-may	06	636.0	233.9	1450.6	44.2	694.2	69.9	7.0	0.5	1.3	107.1	0.2	3.9	14.8	0.8	0.7	10.4	3.3	16857.9	3584.7
21-may	08	944.5	402.6	1409.1	63.8	706.8	130.5	9.6	0.9	3.9	160.5	0.2	6.1	28.1	0.9	0.4	11.6	2.7	17177.3	4149.4
21-may	10	1431.2	1544.8	1448.1	59.3	669.7	473.9	27.2	1.5	9.3	406.8	0.6	11.7	42.2	0.9	1.0	12.4	4.9	16548.4	3171.9
21-may	12	729.6	326.6	1330.6	43.6	514.1	105.4	9.0	0.6	3.4	124.1	0.2	4.7	15.7	0.6	1.0	11.2	1.7	14416.0	1860.7
21-may	14	766.3	319.5	1282.8	46.2	582.9	101.0	9.9	0.4	2.8	107.0	0.2	4.5	12.5	0.9	0.4	10.7	1.3	14694.6	1851.0
21-may	16	785.1	298.5	1373.2	50.7	884.1	134.5	9.1	0.5	1.6	88.9	0.2	2.4	11.4	0.9	0.3	12.6	0.8	19588.0	2482.8
21-may	18	772.9	266.5	1532.6	33.1	665.5	102.5	9.4	0.4	2.6	104.4	0.2	3.8	15.4	1.0	0.5	10.9	1.5	15024.1	1823.2
21-may	20	782.9	414.5	1526.5	46.7	491.8	117.6	10.3	0.2	2.5	139.1	0.3	4.8	15.8	0.7	0.5	9.4	2.0	11948.9	2252.6
21-may	22	794.5	424.4	1459.1	35.8	533.4	114.9	12.5	0.0	3.1	221.0	0.2	10.0	19.4	0.9	0.6	9.0	2.4	13680.8	3727.0
22-may	00	799.1	207.1	1359.3	34.6	450.6	76.3	7.9	0.3	1.6	122.2	0.0	4.1	11.9	0.5	0.4	7.5	1.7	12703.3	2097.3
22-may	02	639.4	240.2	1367.8	33.8	430.0	77.0	7.2	0.5	1.5	115.2	0.1	4.6	11.4	0.7	0.4	7.5	1.5	11921.5	1819.3
22-may	04	607.9	123.1	1377.5	26.3	344.8	52.4	6.2	0.4	0.9	79.8	0.0	3.0	9.1	0.6	0.2	7.2	1.3	10516.0	1613.3
22-may	06	1040.8	1134.9	1592.9	32.5	356.6	290.4	29.6	0.4	3.6	292.6	0.3	6.4	16.5	0.7	0.4	7.5	3.2	9876.3	3810.0
22-may	08	1046.4	616.9	1544.2	78.8	356.8	217.7	14.0	0.3	5.1	273.6	0.3	12.4	91.3	1.2	3.5	10.1	6.2	9706.0	3606.8
22-may	10	741.7	473.4	1531.2	57.5	343.8	202.4	10.7	3.8	5.5	181.4	1.1	10.4	97.7	1.2	4.2	11.8	4.8	9190.7	1856.9
22-may	12	723.5	314.2	1521.0	34.8	307.3	118.1	8.3	4.2	3.8	125.0	0.9	6.7	52.5	0.8	1.3	9.6	2.6	9576.7	1439.1
22-may	14	461.1	266.2	1543.2	27.1	248.5	97.3	8.1	2.5	3.2	110.6	0.7	5.8	39.6	0.5	1.0	8.7	2.4	9425.6	1245.5
22-may	16	797.8	541.3	1585.7	31.6	499.1	187.4	16.4	2.1	3.8	156.8	0.4	4.1	19.5	0.6	0.7	10.3	1.7	12609.0	1471.1
22-may	18	684.3	244.1	1187.3	22.6	359.6	102.3	8.2	0.6	1.9	83.8	0.1	3.0	12.6	0.6	0.5	7.7	0.5	10381.3	1224.8
22-may	20	479.2	105.1	1033.9	17.5	260.0	58.7	4.4	0.3	0.9	55.1	0.1	2.7	11.2	0.5	0.5	6.2	0.8	7520.1	888.1
22-may	22	608.6	120.7	1084.1	18.6	295.7	49.9	5.1	0.3	1.0	85.9	0.1	5.1	11.0	0.5	0.6	6.3	1.2	8779.4	1336.5
23-may	00	872.8	77.2	995.5	27.7	295.4	55.8	6.6	0.0	1.1	133.8	0.2	6.4	11.9	1.0	0.5	6.0	1.2	10102.5	1716.2

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
23-may	02	630.1	114.3	941.3	27.0	306.3	51.5	6.1	0.2	1.0	106.9	0.2	5.3	10.6	1.8	0.5	6.7	1.9	9497.2	1644.0
23-may	04	509.2	74.1	703.9	20.2	261.4	35.2	3.3	0.2	0.4	59.6	0.1	2.2	6.6	2.3	0.4	6.0	1.5	8646.8	1195.9
23-may	06	521.0	103.5	644.7	18.7	224.0	49.5	4.1	0.2	0.4	83.2	0.0	2.8	7.7	1.9	0.3	5.8	1.5	7441.8	2219.9
23-may	08	629.0	292.7	697.4	31.0	263.2	101.9	7.2	0.2	1.3	127.3	0.1	8.0	10.5	1.4	0.4	7.6	2.0	7790.5	1891.3
23-may	10	596.8	216.5	960.9	47.5	266.9	101.6	6.8	1.1	4.2	140.9	0.1	21.0	19.8	1.0	0.6	10.9	3.4	9613.3	1918.3
23-may	12	422.4	239.2	1063.1	34.0	228.2	79.9	6.4	2.0	2.5	91.2	0.3	12.7	15.9	0.7	0.5	9.5	2.3	7573.9	1222.2
23-may	14	577.8	232.8	1157.1	22.1	268.1	93.3	7.7	1.2	1.8	88.0	0.2	6.9	15.5	0.6	0.7	8.5	1.6	7898.8	1049.1
23-may	16	600.9	271.6	1088.0	22.1	351.2	78.2	8.0	0.4	1.2	76.3	0.0	1.7	6.7	0.4	0.3	7.9	0.9	9996.0	1095.8
23-may	18	639.2	243.1	1089.5	21.0	252.6	69.5	8.1	0.5	1.2	81.0	0.1	2.6	11.2	0.4	0.4	6.9	1.5	6739.8	822.0
23-may	20	572.5	192.3	823.6	45.7	347.8	73.8	5.7	0.2	1.0	72.5	0.0	2.2	6.8	0.4	0.3	6.9	0.3	8994.1	1036.0
23-may	22	668.3	215.6	680.9	22.5	356.9	67.4	5.1	0.1	0.9	75.3	0.0	1.9	6.3	0.3	0.2	6.5	0.4	8657.7	830.0
24-may	00	806.2	77.1	811.7	33.4	398.4	34.5	3.0	0.5	0.3	42.4	0.0	2.2	5.6	0.6	0.2	11.9	0.9	10951.7	1000.8
24-may	02	519.3	73.5	792.3	31.5	397.1	35.7	3.2	0.3	0.5	48.1	0.0	2.2	6.4	0.5	0.3	9.3	1.0	10404.1	1097.6
24-may	04	554.6	60.2	801.3	44.8	431.3	43.0	3.3	0.2	0.3	50.2	0.0	1.8	9.3	0.4	0.3	7.6	1.3	10940.2	1168.9
24-may	06	397.6	69.9	707.0	26.0	337.6	37.9	3.1	0.1	0.3	52.4	0.1	1.4	7.1	0.4	0.2	6.7	0.9	9008.6	1009.2
24-may	08	580.7	157.3	724.3	47.8	333.1	73.3	4.6	0.1	0.7	77.4	0.1	2.1	30.4	0.6	0.2	7.8	1.3	9575.9	1322.2
24-may	10	423.6	180.8	756.2	36.0	303.2	69.5	4.9	0.3	0.8	78.3	0.0	3.1	20.3	0.5	0.4	8.8	1.2	9379.8	963.7
24-may	12	460.3	95.2	745.1	27.6	283.6	40.7	3.5	0.2	0.5	47.6	0.0	1.7	13.9	0.6	0.4	8.4	0.6	10560.4	934.6
24-may	14	635.6	128.4	710.3	29.2	297.5	49.5	5.2	0.1	0.5	49.7	0.1	1.2	5.5	0.3	0.1	7.3	0.6	10333.5	889.3
24-may	16	632.1	107.6	685.1	25.8	341.2	46.5	4.4	0.0	0.3	43.7	0.0	0.9	4.1	0.4	0.1	6.7	0.1	8504.2	797.2
24-may	18	614.7	91.1	577.6	25.2	398.1	41.5	3.9	0.0	0.3	41.5	0.1	0.8	4.6	0.4	0.1	7.3	0.1	8948.9	794.9
24-may	20	565.3	73.3	471.9	31.5	282.5	40.7	3.4	0.1	0.3	37.0	0.0	0.9	6.9	0.3	0.0	7.1	0.4	7314.1	650.1
24-may	22	540.0	60.2	397.9	37.6	228.1	38.6	3.1	0.0	0.3	53.0	0.0	2.3	8.6	0.2	0.1	5.4	1.0	6453.1	631.8
25-may	00	914.1	116.4	399.0	57.3	263.0	125.2	5.3	0.0	0.4	106.3	0.0	4.2	7.8	0.6	0.0	5.1	0.4	8015.9	858.9
25-may	02	720.4	138.5	441.3	98.5	350.9	119.3	4.9	0.0	0.6	89.1	0.1	3.5	9.7	0.5	0.1	5.0	1.8	9054.5	1124.5
25-may	04	758.9	83.7	410.6	43.7	275.2	62.0	3.8	0.0	0.3	68.1	0.0	10.4	7.9	0.7	0.1	4.9	2.0	7493.4	976.4
25-may	06	514.6	182.1	430.8	34.5	213.4	97.0	5.8	0.0	0.8	112.1	0.0	10.6	8.7	0.3	0.1	5.1	1.8	7621.8	1747.6
25-may	08	540.1	195.0	484.1	54.6	248.3	88.4	6.3	0.0	1.0	106.1	0.0	13.1	11.4	0.6	0.3	6.2	2.2	18062.7	1907.4
25-may	12	647.2	181.2	408.3	75.6	170.4	75.2	6.5	0.1	1.8	78.4	0.2	2.8	11.5	0.3	0.1	5.5	1.0	ND	ND
25-may	14	641.9	192.8	327.4	18.5	118.1	65.4	6.1	0.1	1.4	69.3	0.1	2.4	10.0	0.1	0.1	4.7	0.9	7874.1	493.1
25-may	16	641.8	365.5	466.6	32.2	255.4	103.7	10.3	0.3	1.9	89.8	0.1	1.7	8.7	0.2	0.2	6.3	1.3	10802.9	472.3
25-may	18	666.0	263.2	473.6	28.2	317.2	90.8	8.5	0.1	1.1	73.4	0.0	1.4	4.4	0.2	0.2	6.3	0.4	9967.4	585.6
25-may	20	558.0	156.5	412.9	51.2	335.5	69.1	5.4	0.1	0.7	56.7	0.1	1.2	4.5	0.3	0.1	5.8	0.3	9068.1	568.4
25-may	22	417.1	92.9	289.2	55.4	252.3	43.7	3.4	0.0	0.4	55.2	0.0	3.0	4.7	0.4	0.1	4.7	0.4	9133.8	572.2
26-may	00	663.2	79.0	281.9	66.1	280.6	53.1	4.3	0.0	0.4	88.2	0.0	3.6	11.8	0.6	0.0	3.8	1.1	8832.9	807.8
26-may	02	628.0	380.9	278.8	42.0	247.1	105.6	8.1	0.0	1.3	146.3	0.0	3.8	8.9	0.5	0.2	3.8	1.8	7924.2	876.6
26-may	04	644.8	439.8	270.2	27.3	206.9	109.5	9.2	0.0	1.2	134.3	0.0	2.2	7.1	0.6	0.1	3.8	1.2	7494.1	907.6
26-may	06	521.3	256.2	258.7	26.6	203.7	76.9	5.8	0.0	0.9	104.2	0.0	3.5	7.3	0.6	0.1	4.2	1.0	7661.4	1228.6
26-may	08	556.5	408.0	285.0	43.5	261.1	139.8	8.5	0.0	2.6	197.1	0.0	12.3	11.4	0.6	0.1	5.6	1.6	9567.8	1890.2
26-may	10	512.1	201.3	335.6	52.0	340.5	88.0	6.7	0.0	1.3	93.7	0.0	8.6	11.3	0.6	0.2	7.3	1.1	14362.1	1133.2

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
26-may	12	504.9	178.4	566.1	75.6	181.3	52.9	5.9	0.2	0.9	59.5	0.0	1.4	5.7	0.5	0.2	5.0	0.0	9570.1	512.6
26-may	14	496.3	176.9	591.6	66.9	131.5	51.3	5.4	0.1	0.9	64.5	0.2	4.7	6.8	0.4	0.1	4.2	0.3	7443.4	399.5
26-may	16	538.0	249.7	561.0	66.7	156.2	71.8	8.1	0.0	1.8	86.0	0.1	5.6	11.9	0.7	0.2	4.9	0.7	8760.0	519.7
26-may	18	766.8	280.1	799.9	194.9	563.2	88.9	9.5	0.0	1.4	82.3	0.1	2.4	11.5	0.7	0.3	7.4	0.8	19662.9	1315.4
26-may	20	640.7	218.5	795.7	146.5	641.6	85.4	7.7	0.0	1.0	71.6	0.0	2.8	9.9	0.4	0.2	8.2	0.6	17845.8	1497.0
26-may	22	754.8	519.8	2159.0	36.7	511.0	136.3	9.8	1.3	2.2	118.9	0.2	5.0	13.7	0.4	0.5	8.0	1.2	13992.1	1208.5
27-may	00	993.4	238.4	4269.8	24.2	411.8	67.8	6.1	9.7	1.7	67.6	1.5	2.2	11.8	0.8	0.5	9.5	0.3	10004.9	984.6
27-may	02	704.8	195.1	4521.3	13.8	459.3	53.9	4.7	23.8	1.4	53.2	3.9	1.8	9.0	0.6	0.5	8.5	0.3	9919.8	1009.7
27-may	04	455.6	192.9	1977.6	31.2	418.5	53.7	5.2	3.8	0.8	52.0	0.7	2.3	8.1	0.5	0.3	7.0	0.8	12663.3	1273.4
27-may	06	644.5	206.0	1202.4	49.1	388.8	65.4	5.2	0.8	1.0	92.7	0.2	5.1	9.0	0.5	0.2	6.5	1.0	14177.7	2511.8
27-may	08	798.9	408.0	1405.1	68.8	387.7	135.1	8.1	1.4	2.5	155.7	0.2	18.3	13.1	0.9	0.4	8.6	4.4	14215.9	2261.3
27-may	10	799.5	477.7	2758.4	67.6	476.3	187.5	10.4	8.0	6.1	196.0	1.5	19.6	32.6	1.4	3.8	14.5	5.1	14454.1	2516.2
27-may	12	811.5	430.2	3570.1	42.3	417.4	165.8	9.9	15.0	4.3	142.4	2.6	9.0	59.8	1.0	1.7	13.1	5.8	13943.2	2188.8
27-may	14	753.3	490.7	3062.5	25.6	306.4	154.2	10.3	8.5	3.5	135.7	1.5	5.2	38.3	0.8	0.8	9.6	2.9	11720.4	1497.4
27-may	16	720.0	294.1	3063.4	24.2	255.6	93.8	7.1	5.2	2.1	92.8	0.9	3.4	26.1	0.7	0.6	8.0	1.8	10742.9	1334.7
27-may	18	860.4	613.2	3122.6	19.0	291.9	168.1	11.8	5.5	4.4	154.6	1.2	7.7	25.0	0.5	0.6	8.8	1.8	9155.3	1171.0
27-may	20	610.3	427.6	2080.6	15.6	231.1	116.8	8.1	1.5	3.7	118.0	0.3	7.0	22.6	0.4	0.2	6.0	1.6	7116.2	1017.0
27-may	22	589.9	401.5	2341.0	27.9	214.3	112.8	8.6	3.2	3.3	121.1	0.7	5.8	23.2	0.8	0.4	7.1	1.9	8291.2	1456.9
28-may	00	512.8	241.2	2597.3	32.5	231.2	76.8	5.8	3.7	2.3	87.9	0.8	6.1	21.5	0.8	0.4	7.3	2.8	8042.2	1254.7
28-may	02	1006.6	273.2	2014.8	72.0	254.5	71.5	5.8	2.3	2.4	76.6	0.5	3.1	16.0	0.8	0.3	89.8	1.5	8279.2	1281.4
28-may	04	905.4	273.7	1692.6	56.1	286.4	76.3	5.6	1.4	2.9	80.1	0.3	2.4	12.5	0.5	0.2	91.0	1.4	9257.6	1323.9
28-may	06	684.7	317.3	1460.3	34.9	299.5	97.0	6.7	0.3	3.0	136.7	0.3	4.1	14.7	1.0	1.9	14.1	1.1	11519.4	2756.7
28-may	08	672.4	365.3	1545.7	41.2	314.5	127.1	7.7	0.8	3.5	151.8	0.3	7.8	22.1	1.4	1.8	8.9	1.8	9905.2	2586.8
28-may	10	740.4	420.3	1791.6	39.2	338.4	148.4	8.8	1.8	6.1	150.4	0.4	9.5	27.7	1.5	2.2	10.3	2.5	10901.5	1983.6
28-may	12	585.8	397.1	2058.7	39.9	342.1	150.6	9.2	10.1	6.9	138.8	2.1	8.9	49.3	1.8	1.8	12.0	3.7	11932.7	2085.4
28-may	14	643.7	326.4	1945.6	27.8	287.6	94.9	8.1	6.7	2.8	97.4	1.3	4.9	19.5	0.8	0.9	8.9	1.7	10498.7	1176.1
28-may	16	898.8	1098.0	1940.7	24.1	259.9	207.6	19.8	3.8	5.4	197.3	0.9	6.2	28.4	0.8	0.3	7.5	4.4	8176.0	1186.6
28-may	18	667.1	499.0	1847.8	9.1	144.8	120.9	8.9	3.4	2.2	115.1	0.6	4.7	11.1	0.4	0.3	5.1	0.8	4509.4	742.2
28-may	20	352.4	163.3	1143.1	28.5	156.7	79.8	3.7	1.2	1.3	60.2	0.3	2.6	12.2	0.7	2.7	3.9	0.7	3790.5	785.4
28-may	22	574.9	74.2	955.3	9.2	108.2	43.4	3.2	0.9	1.1	46.6	0.1	1.8	8.4	0.9	1.0	3.1	0.7	3900.9	635.4
29-may	00	612.3	25.1	934.3	3.9	75.2	16.2	2.2	1.0	0.3	24.8	0.1	1.0	3.6	0.4	0.1	2.5	0.0	3855.2	476.2
29-may	02	565.7	27.5	1031.4	9.3	91.8	16.3	1.7	1.1	0.4	27.3	0.2	1.0	3.9	0.5	0.3	2.9	0.2	3588.9	485.0
29-may	04	458.4	80.5	1155.7	61.2	114.3	29.0	3.2	1.3	1.1	42.2	0.2	2.8	10.9	0.8	0.6	4.4	1.0	4544.9	833.5
29-may	06	486.9	95.3	957.4	23.9	102.7	38.3	3.7	0.8	0.7	62.5	0.1	2.9	7.6	0.7	0.5	3.1	0.5	4227.4	1139.4
29-may	08	613.8	197.4	1250.3	234.0	126.5	86.9	6.2	1.1	2.3	112.4	0.2	15.7	73.2	1.1	0.8	6.6	6.1	5924.7	1744.9
29-may	10	632.3	257.5	1318.5	64.0	222.9	100.7	8.4	1.2	3.6	106.8	0.3	10.5	28.3	0.8	1.3	6.7	2.7	6054.0	1186.7
29-may	12	641.8	341.9	1544.7	32.1	177.7	126.9	11.0	1.0	5.7	131.9	0.5	7.7	88.6	1.4	2.4	6.8	8.7	6464.8	1357.4
29-may	14	783.8	462.7	2977.8	8.3	137.8	189.2	12.1	14.1	3.2	131.0	2.5	5.1	24.0	0.5	1.0	4.2	1.7	4304.1	721.7
29-may	16	455.6	365.6	738.2	9.6	90.6	123.4	8.8	0.7	2.4	97.4	0.2	4.0	14.2	0.2	0.0	2.6	1.3	2750.3	384.2
29-may	18	561.6	164.7	468.0	5.1	52.4	66.5	5.8	0.4	1.6	65.3	0.6	2.8	10.5	0.2	0.1	2.0	1.1	2378.0	405.4

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
29-may	20	533.5	106.7	291.5	11.3	35.8	45.7	3.1	0.0	1.0	41.4	0.2	2.7	9.7	0.1	0.0	1.7	0.7	1936.2	347.1
29-may	22	393.0	75.2	324.6	9.2	40.2	32.9	2.3	0.0	0.5	32.8	0.0	1.9	12.9	0.4	0.0	1.4	0.3	2065.6	330.4
30-may	00	461.4	42.1	435.9	14.9	53.8	29.6	2.4	0.0	0.7	28.7	0.0	2.0	11.2	0.3	0.0	2.1	0.3	2327.7	323.2
30-may	02	372.3	57.7	446.3	23.1	85.3	31.0	2.2	0.0	0.8	29.3	0.0	5.5	19.8	0.5	0.0	2.3	1.3	2499.6	380.6
30-may	04	415.6	69.9	503.4	28.8	38.3	47.3	1.7	0.0	0.7	26.0	0.1	6.1	28.1	2.5	1.7	2.9	1.8	2294.1	461.2
30-may	06	357.2	48.7	475.6	12.3	35.8	31.7	1.8	0.0	0.5	31.5	0.0	3.7	12.0	1.0	1.2	3.4	0.7	2038.7	546.4
30-may	08	565.0	144.8	638.1	146.7	65.0	71.3	3.9	0.0	2.3	75.1	0.0	23.4	78.9	1.0	2.1	5.9	3.8	2752.8	1181.7
30-may	10	529.8	225.0	1191.5	95.6	122.8	137.0	6.3	0.5	4.8	109.7	0.1	22.6	96.0	1.2	4.3	7.0	4.6	3735.0	1389.5
30-may	12	589.2	101.0	2786.6	6.8	58.2	94.7	4.5	4.0	2.6	81.4	0.8	5.8	37.3	1.2	0.6	3.4	2.6	3545.0	810.1
30-may	14	680.2	120.6	4084.1	0.2	52.0	109.5	3.9	24.8	1.3	53.1	4.6	2.6	12.9	1.9	1.4	2.7	0.9	3150.6	604.1
30-may	16	595.8	127.4	2623.0	0.7	42.6	83.9	3.6	11.4	0.6	46.0	2.0	2.9	5.5	0.4	0.3	2.4	0.0	2827.2	449.1
30-may	18	510.0	116.1	1662.4	3.0	49.2	78.8	3.7	4.5	0.6	51.1	0.9	1.6	4.4	0.6	0.7	2.3	0.1	2622.7	475.6
30-may	20	453.2	58.2	973.9	3.8	43.9	55.8	2.7	2.8	0.7	44.9	0.5	1.9	3.6	0.4	0.1	3.8	0.8	2844.2	736.1
30-may	22	404.5	93.4	514.0	7.5	54.2	48.1	3.0	1.0	0.4	39.5	0.2	1.6	5.2	0.3	0.2	2.3	0.7	2344.5	451.3
31-may	00	689.0	42.1	509.8	5.2	123.4	37.8	2.0	0.0	0.1	25.6	0.0	0.9	6.2	0.8	1.7	1.6	0.1	2408.3	329.3
31-may	02	389.3	37.5	543.0	9.4	111.2	51.5	1.7	0.0	0.1	21.6	0.0	0.6	13.8	0.3	1.2	2.1	0.6	2379.4	358.5
31-may	04	529.3	28.4	759.8	5.4	48.5	45.5	1.5	1.9	0.2	19.1	0.3	0.6	6.3	0.6	1.5	1.7	0.6	2214.1	305.7
31-may	06	595.7	29.7	1409.8	7.0	56.3	59.3	1.8	17.7	0.1	27.8	3.1	1.6	11.8	0.8	1.6	4.6	0.4	2273.0	474.9
31-may	08	670.6	43.8	1306.4	27.0	157.9	107.1	2.6	5.4	0.5	47.5	1.0	2.3	9.8	0.7	8.8	3.1	1.3	3743.3	676.5
31-may	10	523.5	55.0	1807.7	8.1	124.7	87.6	2.8	11.4	0.5	55.0	1.7	3.2	14.6	0.7	5.9	3.4	0.6	3559.8	683.5
31-may	12	566.7	202.1	1862.1	10.3	223.0	108.1	4.7	10.6	1.1	76.4	1.8	4.1	10.9	0.5	9.7	4.8	1.5	5412.1	861.0
31-may	14	621.9	99.3	1818.5	11.5	163.4	62.4	4.3	2.9	0.8	55.3	0.4	2.9	8.7	0.5	2.4	5.5	1.0	6427.7	762.1
31-may	16	693.9	174.2	3163.5	9.8	144.6	95.6	5.0	27.5	0.9	65.9	5.0	4.1	6.1	0.7	1.3	4.7	0.4	5260.5	751.9
31-may	18	410.2	86.7	1457.0	9.4	104.2	57.2	3.5	4.9	0.5	40.1	0.9	2.0	6.0	0.4	0.4	3.2	0.8	4083.2	627.0
31-may	20	500.0	35.8	1854.1	11.9	84.8	28.0	2.5	5.0	0.2	33.4	0.8	1.8	5.4	0.6	0.5	3.1	1.7	4078.6	612.7
31-may	22	607.6	19.8	1620.6	5.1	63.6	20.7	2.2	3.6	0.1	38.6	0.6	1.6	4.1	0.9	0.3	2.1	0.5	3398.5	555.4
01-jun	00	622.7	6.4	1502.3	12.0	76.3	12.9	1.6	2.1	0.1	34.7	0.3	1.6	3.7	0.8	0.5	2.1	1.0	3836.0	640.5
01-jun	02	578.9	13.9	1344.1	23.1	122.1	17.5	1.8	1.9	0.1	30.0	0.3	1.8	3.7	1.6	1.4	2.0	1.3	3884.5	715.2
01-jun	04	446.4	12.5	1152.7	11.6	119.3	12.2	1.1	1.5	0.2	19.6	0.1	0.9	4.8	1.0	0.8	1.7	0.8	3530.0	550.9
01-jun	06	651.6	124.4	1496.2	34.6	239.7	49.5	4.7	3.0	0.8	98.9	0.5	4.9	24.5	1.1	1.2	3.0	2.0	5006.3	2975.1
01-jun	08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6660.6	2404.7
01-jun	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6300.1	1210.2
01-jun	12	723.9	165.4	3186.1	37.4	291.4	118.7	7.1	2.3	4.0	183.1	2.3	10.0	40.5	1.4	5.8	9.0	2.4	ND	ND
01-jun	14	660.9	160.2	1897.5	10.4	191.6	95.4	5.9	0.8	2.8	165.2	1.0	7.3	22.1	1.2	1.5	3.8	1.8	6309.5	658.6
01-jun	16	696.9	129.1	2675.5	5.0	210.1	115.4	6.3	3.0	2.2	83.8	0.6	4.9	13.2	0.8	1.5	4.1	0.6	5469.6	514.2
01-jun	18	607.5	298.5	949.6	6.7	124.1	110.0	6.9	0.1	1.9	78.5	0.1	3.6	17.3	0.4	0.1	3.4	0.6	3472.2	371.1
01-jun	20	573.4	383.5	932.2	5.4	124.4	95.6	7.7	0.0	2.0	77.5	0.1	3.0	11.8	0.4	0.1	2.1	0.9	3187.1	284.2
01-jun	22	449.3	104.2	1062.9	8.6	229.4	35.8	3.5	0.1	1.1	42.2	0.0	2.3	12.1	0.3	0.3	2.4	0.8	4217.8	331.4
02-jun	00	739.8	82.4	1141.9	32.1	441.1	47.0	2.6	0.1	0.5	32.2	0.0	1.3	133.6	0.5	8.2	3.1	1.7	6751.0	559.7
02-jun	02	674.9	62.6	1196.5	51.6	482.7	54.8	3.0	0.1	0.9	30.6	0.1	1.1	222.4	1.0	7.9	3.7	2.6	6944.3	527.2

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
02-jun	04	587.6	28.3	1147.5	26.7	413.0	41.7	2.2	2.0	1.0	28.8	0.3	1.8	32.7	0.8	1.8	3.6	1.1	6971.6	720.2
02-jun	06	818.4	461.9	1359.0	44.7	440.4	196.7	9.5	6.5	1.9	130.6	1.1	6.0	29.8	0.6	2.5	4.2	2.3	7963.7	1715.5
02-jun	08	735.9	210.6	2762.2	198.3	489.9	135.7	5.5	7.8	4.0	117.3	1.2	12.2	157.2	0.9	8.1	10.1	4.0	8386.1	1852.8
02-jun	10	676.7	106.4	3739.4	24.4	387.1	106.7	4.5	8.6	4.4	94.0	1.6	4.9	60.2	1.0	5.8	4.1	1.6	6712.7	1048.1
02-jun	12	635.8	152.6	2014.9	12.2	229.5	109.1	7.5	3.7	5.9	171.6	1.4	8.2	53.0	1.0	4.0	3.8	1.6	5518.0	792.7
02-jun	14	541.7	132.6	1271.1	6.3	76.4	143.0	4.0	0.8	3.4	59.7	0.1	5.6	13.4	0.5	1.2	2.8	0.6	3330.2	500.8
02-jun	16	506.2	145.2	798.0	4.5	41.9	140.6	4.7	0.1	3.5	69.0	0.1	6.2	11.2	0.4	0.7	2.8	0.5	2566.7	404.4
02-jun	18	642.0	159.2	558.5	3.1	29.7	76.6	4.2	0.0	5.9	58.9	0.0	5.3	8.7	0.3	0.1	1.9	0.0	1932.3	322.1
02-jun	20	567.2	271.4	815.8	4.1	132.9	74.8	5.5	0.0	2.6	66.2	0.2	5.8	12.4	0.3	0.0	3.0	0.0	2935.7	334.5
02-jun	22	485.8	90.6	561.3	5.2	135.8	38.7	2.8	0.1	0.5	30.7	0.1	1.6	19.6	0.2	0.0	2.5	0.1	3329.7	299.1
03-jun	00	715.3	8.1	646.1	16.4	106.1	36.5	1.4	0.0	0.1	20.3	0.0	3.9	55.7	0.5	3.4	2.0	2.2	3217.7	595.2
03-jun	02	535.7	11.3	660.4	9.4	101.7	42.0	1.0	0.1	0.7	19.0	0.0	0.6	11.0	0.6	3.4	1.9	1.1	2577.3	418.5
03-jun	04	474.4	3.5	714.1	6.4	89.7	27.7	0.9	0.2	1.1	15.7	0.1	1.6	3.6	0.6	1.3	2.1	0.6	2513.0	329.6
03-jun	06	589.4	18.3	1244.6	4.7	79.6	54.6	1.6	2.7	0.7	41.2	0.5	2.9	3.7	0.7	1.9	2.2	0.0	2431.8	624.2
03-jun	08	496.4	74.3	1478.0	11.2	49.3	100.9	2.5	3.7	1.2	61.2	0.6	5.6	10.7	0.7	2.5	1.9	1.5	2103.2	659.5
03-jun	10	525.8	87.3	2212.5	2.7	48.2	105.7	3.8	9.4	2.7	68.4	1.6	9.6	23.3	0.4	0.8	1.9	0.6	2090.0	675.1
03-jun	12	561.7	76.0	484.1	6.2	19.6	103.6	3.8	0.1	2.2	88.6	0.2	7.9	24.9	0.6	1.4	1.8	0.9	1979.7	534.5
03-jun	14	472.3	95.2	231.5	6.4	20.0	64.5	4.0	0.0	1.8	57.9	0.1	9.7	16.5	0.4	0.0	2.1	0.9	2110.4	396.7
03-jun	16	646.6	354.7	198.1	3.6	29.7	121.2	7.6	0.0	2.9	89.2	0.4	8.7	20.7	0.4	0.0	1.7	0.9	2133.3	470.5
03-jun	18	763.4	837.4	249.5	6.8	46.4	235.0	10.6	0.0	2.2	109.6	0.7	3.2	48.5	0.2	0.0	1.2	0.4	1989.8	399.6
03-jun	20	578.5	258.3	249.9	8.0	74.6	78.8	4.7	0.1	1.1	60.2	0.2	2.4	28.7	0.2	0.0	1.5	0.0	2352.0	299.6
03-jun	22	471.8	105.9	290.7	7.9	78.1	43.4	4.5	0.0	0.8	42.6	0.0	5.0	19.1	0.3	0.0	1.4	0.0	2453.3	356.1
04-jun	00	862.0	111.7	564.4	28.4	103.1	67.0	4.3	0.0	1.4	49.9	0.1	10.2	138.3	0.6	8.6	1.8	2.2	3062.8	595.4
04-jun	02	662.3	83.2	726.7	15.3	92.2	62.8	2.8	0.0	1.1	45.5	0.0	3.6	29.3	0.6	1.6	2.0	1.4	2912.0	603.9
04-jun	04	553.3	44.3	975.9	9.9	94.3	39.2	2.6	0.5	0.8	35.7	0.1	2.8	14.4	0.4	3.6	4.0	1.7	3005.5	739.2
04-jun	06	736.3	95.3	1344.5	10.1	107.9	68.1	3.6	2.8	1.8	67.6	0.5	2.8	21.3	1.1	3.2	10.3	1.3	3682.3	1719.9
04-jun	08	631.5	212.6	2167.0	1.4	82.7	76.4	4.7	18.6	1.8	92.8	3.2	6.5	15.7	1.3	2.5	19.6	2.0	3527.4	2489.8
04-jun	10	524.7	120.6	1615.8	3.3	53.8	85.3	4.4	5.4	2.4	75.9	1.2	5.1	18.8	0.8	2.3	3.3	1.0	2680.3	805.4
04-jun	12	636.4	195.0	1129.3	13.6	65.4	130.7	7.2	1.0	4.2	119.3	0.5	10.9	56.7	1.1	2.6	3.3	1.5	3295.3	794.9
04-jun	14	616.6	585.4	632.8	9.7	42.5	166.4	10.3	0.3	3.6	111.2	1.0	7.6	40.1	0.5	0.5	3.3	2.0	3336.3	639.2
04-jun	16	683.9	527.3	431.2	4.9	39.0	164.3	9.4	0.1	3.6	101.3	0.2	5.9	20.9	0.3	0.1	3.0	0.8	2636.6	449.9
04-jun	18	852.2	1410.2	216.3	7.8	67.5	323.7	20.3	0.0	2.8	152.5	0.3	3.0	12.1	0.4	0.0	2.3	0.3	2145.9	366.7
04-jun	20	703.2	562.6	282.8	9.3	90.2	133.3	9.3	0.0	1.2	89.6	0.0	2.5	20.0	0.2	0.0	1.7	0.2	2362.5	243.3
04-jun	22	516.4	326.9	569.6	24.6	298.8	90.4	5.5	0.0	0.6	66.2	0.2	3.3	60.8	0.5	2.4	3.4	0.9	4856.8	597.3
05-jun	00	811.2	81.6	649.8	16.4	296.9	58.7	3.4	1.1	0.2	39.2	0.3	2.1	11.6	1.3	2.2	4.3	0.8	6035.9	701.8
05-jun	02	544.7	94.7	1835.6	7.9	209.8	34.7	3.0	19.2	0.8	32.7	3.5	11.6	6.8	0.6	0.1	22.6	2.5	4289.8	688.5
05-jun	04	579.9	98.5	2112.3	16.0	173.6	33.2	3.0	17.6	2.4	49.8	3.4	2.0	22.1	0.3	0.1	4.2	0.0	3864.1	491.5
05-jun	06	569.5	129.2	2325.7	4.3	174.3	45.8	3.8	18.8	2.7	66.2	3.6	2.6	6.5	0.9	1.4	3.6	0.6	3939.8	893.5
05-jun	08	693.6	231.0	1561.6	9.0	180.9	105.3	5.7	7.1	4.5	96.3	1.8	3.7	9.6	1.4	2.9	3.9	2.1	4067.5	1167.6
05-jun	10	511.2	90.6	1059.6	5.4	120.9	56.7	3.8	1.9	3.3	66.2	0.4	4.1	14.0	0.9	1.5	2.5	1.8	3620.9	607.5

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
05-jun	12	569.3	144.8	761.0	15.5	53.2	83.0	5.2	0.7	5.0	80.6	0.2	6.7	54.2	1.3	2.7	2.4	2.6	3331.9	647.4
05-jun	14	624.5	174.7	1804.2	5.5	42.7	131.7	5.5	5.9	3.9	75.0	1.1	6.4	36.3	0.7	1.8	2.9	3.0	3504.3	604.3
05-jun	16	460.2	240.5	631.5	5.7	32.2	166.5	5.3	1.2	2.0	73.5	0.3	5.4	21.2	0.7	1.0	3.0	0.6	2950.8	417.0
05-jun	18	560.1	252.1	317.3	6.1	28.8	122.6	5.0	0.0	1.7	91.0	0.0	6.5	36.5	0.7	0.6	2.3	0.4	2146.7	407.6
05-jun	20	723.5	700.3	324.4	21.0	112.8	171.2	10.2	0.0	1.6	103.3	0.1	1.9	10.0	0.3	0.1	2.0	0.0	2539.4	313.9
05-jun	22	562.2	340.1	467.6	22.1	159.9	87.0	6.3	0.1	1.0	69.0	0.1	3.6	31.9	0.6	2.4	2.8	0.5	3238.9	399.9
06-jun	00	636.7	196.6	657.6	52.4	180.1	77.4	4.3	0.1	0.8	51.1	0.1	1.5	22.9	1.2	7.6	7.2	2.8	4088.4	709.6
06-jun	02	555.3	182.7	726.9	31.7	171.9	60.8	4.3	2.0	1.1	45.7	0.3	1.9	8.1	1.1	5.3	3.5	1.5	3633.4	568.2
06-jun	04	596.6	144.0	986.7	16.7	148.4	45.9	3.8	5.7	1.0	42.5	1.0	1.4	5.9	1.1	2.1	3.6	1.4	3522.4	558.4
06-jun	06	438.1	162.6	768.0	28.9	118.7	47.7	4.5	2.5	1.3	58.4	0.4	2.8	8.4	0.7	0.4	4.1	0.6	3396.6	809.7
06-jun	08	706.2	367.0	650.2	80.8	192.9	100.8	7.7	0.5	6.0	111.0	0.2	9.4	47.1	1.2	1.0	8.4	3.4	4945.1	2033.8
06-jun	10	657.1	351.4	943.9	43.7	151.9	120.3	8.1	1.0	4.6	127.2	0.3	9.0	34.2	1.1	1.1	6.0	4.9	5337.6	1569.5
06-jun	12	679.8	220.7	939.2	23.8	89.4	95.2	6.2	2.0	2.7	110.0	0.5	10.8	61.4	1.6	2.1	5.0	3.3	4292.2	844.9
06-jun	14	508.1	187.6	1511.4	7.5	53.7	86.3	4.6	6.7	1.4	65.0	1.1	3.2	23.7	0.9	0.8	3.5	1.2	2989.4	458.1
06-jun	16	791.6	256.3	3797.3	8.5	46.1	115.1	5.2	37.2	1.3	68.5	5.9	2.4	22.4	0.4	0.2	4.3	0.7	2805.9	674.5
06-jun	18	523.6	199.2	977.8	5.5	42.7	95.0	4.3	6.3	1.2	59.0	1.0	2.3	7.6	0.3	0.1	2.7	0.0	2069.5	343.8
06-jun	20	741.6	463.3	744.1	10.2	97.0	104.4	9.6	0.8	2.4	96.0	0.2	2.5	17.0	0.7	0.1	3.9	0.9	2839.7	377.0
06-jun	22	727.0	517.0	1050.9	13.4	190.5	103.4	11.5	0.9	1.8	113.7	0.2	4.4	48.9	2.9	0.3	5.7	5.2	4993.6	695.8
07-jun	00	638.9	180.4	1025.3	12.2	140.4	53.5	5.9	0.9	0.9	54.8	0.3	2.4	15.8	0.6	0.1	4.7	1.3	5188.4	638.1
07-jun	02	553.9	116.1	948.0	11.1	144.0	38.7	4.3	0.6	0.9	43.7	0.2	2.4	6.9	0.6	0.3	4.8	1.3	5058.4	663.6
07-jun	04	672.7	242.7	876.5	36.2	239.5	71.5	5.4	0.2	1.5	60.0	0.1	3.3	50.1	2.3	2.1	4.5	3.5	5303.4	842.9
07-jun	06	431.1	59.6	795.7	4.7	67.9	30.6	2.2	0.2	0.5	26.3	0.1	0.9	8.0	0.5	0.4	2.1	0.6	2884.2	365.6
07-jun	08	563.1	68.6	636.9	2.1	32.2	31.6	2.3	0.1	0.2	29.3	0.0	1.5	3.4	0.3	0.1	1.1	0.4	2296.1	333.9
07-jun	10	370.7	71.5	591.4	4.9	53.6	30.3	2.7	0.2	0.3	35.0	0.1	1.5	5.2	0.7	0.1	2.4	0.5	3051.3	300.1
07-jun	12	530.4	126.3	640.7	4.1	46.7	36.0	3.6	0.4	0.7	45.5	0.0	1.5	3.8	0.7	0.2	2.9	0.3	2954.1	304.9
07-jun	14	526.3	133.8	886.4	6.3	59.6	42.7	4.0	0.6	1.1	48.6	0.1	1.6	4.7	0.9	0.4	3.2	0.1	3476.5	387.0
07-jun	16	635.9	224.9	854.8	6.9	71.1	68.5	5.3	0.4	1.0	62.6	0.0	2.3	6.4	0.6	0.3	3.7	0.6	3902.0	435.0
07-jun	18	630.2	149.4	751.8	6.3	81.7	63.6	5.3	0.1	0.6	51.1	0.1	1.2	4.5	0.6	0.4	2.7	0.2	3766.3	458.3
07-jun	20	641.1	54.5	636.0	5.6	61.4	32.6	2.5	0.1	0.2	42.3	0.1	1.7	4.4	0.6	0.2	2.3	0.4	3355.7	416.6
07-jun	22	600.1	140.6	625.3	4.5	82.9	28.6	4.4	0.1	0.2	53.0	0.0	2.0	6.1	1.3	0.3	2.4	0.5	3248.9	437.3
08-jun	00	601.4	34.9	556.1	7.1	68.3	17.5	2.2	0.0	0.1	34.4	0.1	2.3	8.0	0.8	0.2	3.7	0.5	3650.3	646.8
08-jun	02	491.5	16.1	469.7	5.3	57.1	11.5	1.1	0.0	0.0	14.6	0.0	3.7	35.1	0.5	0.2	2.4	1.5	2990.2	326.1
08-jun	04	506.6	10.2	471.0	5.8	58.7	10.1	1.2	0.1	0.0	13.8	0.0	1.6	11.1	0.4	0.3	2.3	0.1	3005.2	304.7
08-jun	06	625.4	588.0	503.9	5.7	76.6	214.0	9.6	0.0	1.1	100.1	0.0	0.9	4.7	0.7	0.3	2.5	1.4	3194.9	420.8
08-jun	08	572.6	105.5	529.6	18.7	68.0	43.8	2.8	0.0	0.3	68.0	0.1	2.1	8.5	0.8	0.3	2.5	0.0	3754.1	789.6
08-jun	10	536.3	66.5	519.7	5.4	54.9	37.9	3.3	0.1	1.1	46.3	0.0	2.0	5.3	0.4	0.1	2.8	0.4	ND	ND
08-jun	12	504.1	124.3	661.6	5.8	67.6	51.2	4.7	0.0	2.5	64.1	0.1	3.3	9.0	0.4	0.1	3.8	0.5	4507.1	434.0
08-jun	14	608.4	378.7	719.5	7.1	71.3	79.0	8.1	0.1	2.7	86.6	0.1	2.7	18.2	0.4	0.3	4.3	3.5	4507.4	419.2
08-jun	16	543.3	294.6	705.5	5.6	71.2	68.9	8.0	0.0	1.9	74.0	0.1	1.8	9.3	0.6	0.2	3.7	1.3	4445.0	389.8
08-jun	18	607.8	168.9	716.2	8.4	88.1	86.6	5.6	0.1	0.9	71.9	0.0	2.2	8.0	0.4	0.4	3.4	0.5	4539.4	589.5

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
08-jun	20	511.6	61.3	778.8	5.5	53.7	57.5	2.7	0.8	0.3	36.6	0.2	2.2	9.0	0.4	0.3	2.2	0.7	4048.2	520.5
08-jun	22	371.0	5.1	538.8	9.4	24.3	17.1	1.9	0.5	0.0	20.0	0.1	1.2	2.9	0.3	0.1	1.3	0.0	2318.7	254.2
09-jun	00	657.4	31.8	691.4	21.7	37.6	22.9	2.0	0.6	0.5	34.7	0.2	4.2	7.9	0.6	0.2	2.9	1.5	3707.5	569.4
09-jun	02	470.1	96.3	923.7	23.2	53.8	25.6	3.0	1.1	3.5	49.8	0.3	2.8	13.6	0.7	0.4	3.7	1.3	4327.3	894.8
09-jun	04	398.1	82.8	671.1	7.1	39.2	28.4	3.5	0.8	1.2	47.6	0.1	1.9	8.2	1.1	0.4	2.4	0.9	3622.8	820.3
09-jun	06	460.1	224.6	553.4	4.3	37.2	49.4	5.4	0.1	0.9	95.4	0.0	2.9	6.4	1.1	0.2	2.0	0.5	3109.4	1423.6
09-jun	08	531.7	221.3	624.6	18.5	56.0	71.4	5.5	0.2	1.3	93.3	0.1	3.2	15.9	1.1	1.9	2.4	1.2	3885.6	1609.3
09-jun	10	624.9	203.7	772.6	11.0	63.1	80.8	5.4	1.6	4.1	109.7	0.2	6.4	20.6	1.1	2.4	3.2	1.0	4575.0	902.1
09-jun	12	462.9	156.3	906.5	7.3	54.5	62.7	5.9	1.0	3.1	92.7	0.2	6.3	22.8	0.6	2.1	3.5	1.2	4500.4	690.5
09-jun	14	600.8	158.0	1023.2	8.7	48.7	66.7	5.9	2.1	2.6	83.5	0.5	8.1	31.3	0.8	1.3	3.8	1.2	4821.3	614.9
09-jun	16	594.8	290.6	1236.4	10.6	46.3	99.0	8.6	2.1	2.9	95.6	0.4	4.2	20.2	0.6	0.4	3.4	1.7	4353.5	649.0
09-jun	18	526.5	216.6	557.2	9.3	43.2	78.6	6.6	0.6	2.9	88.8	0.1	3.2	12.6	0.5	0.1	2.4	0.2	2678.4	420.8
09-jun	20	672.5	284.3	463.1	6.7	59.3	69.4	7.3	0.2	1.6	97.2	0.1	2.8	8.8	0.5	0.0	2.4	0.6	3020.4	682.4
09-jun	22	630.9	610.8	500.0	9.3	73.5	92.0	13.2	0.1	3.2	144.0	0.1	3.3	9.0	0.8	0.1	2.8	1.5	4029.4	1014.5
10-jun	00	702.1	206.3	474.4	9.5	50.7	46.6	7.4	0.0	2.2	78.2	0.0	2.6	8.4	0.5	0.1	2.5	1.1	3812.2	620.7
10-jun	02	480.1	153.4	482.3	7.0	42.2	36.2	4.5	0.0	2.9	53.0	0.1	2.3	12.7	0.6	0.1	2.7	1.6	3034.3	656.4
10-jun	04	416.8	135.9	514.3	7.1	37.4	35.5	4.1	0.1	2.3	52.5	0.1	1.9	12.7	0.6	0.1	2.4	1.0	2952.2	809.7
10-jun	06	683.3	326.3	546.8	24.2	58.2	86.7	7.3	0.0	3.6	136.7	0.0	7.4	58.9	1.4	1.0	3.7	4.2	4379.6	1983.6
10-jun	08	693.7	353.6	1336.3	52.0	163.5	155.9	7.8	9.3	6.7	198.9	1.7	11.3	132.9	2.1	7.0	5.5	7.6	5285.9	2604.5
10-jun	10	553.1	238.6	1476.0	18.3	176.4	129.6	6.4	2.6	5.7	113.1	0.6	9.0	92.1	1.0	1.3	4.8	4.0	4946.1	1024.5
10-jun	12	723.9	233.7	1802.3	9.4	139.9	108.7	6.5	3.5	4.1	83.9	0.7	3.8	45.1	0.5	0.1	4.3	1.8	4487.7	589.3
10-jun	14	555.7	293.3	1481.1	7.9	93.8	85.4	6.6	2.8	3.4	76.0	0.6	3.0	34.5	0.4	0.1	4.0	1.7	3719.9	433.7
10-jun	16	699.9	645.8	1330.8	6.4	89.8	189.8	10.2	2.3	5.6	128.6	0.3	7.5	36.4	0.4	0.4	3.6	1.6	3051.8	481.9
10-jun	18	649.3	640.0	1600.8	3.9	134.6	148.2	10.7	1.5	9.3	106.0	0.3	2.7	16.4	0.3	0.2	3.4	0.3	3126.4	352.2
10-jun	20	598.6	274.7	1001.3	9.1	105.4	63.0	6.6	0.8	6.3	74.7	0.1	1.9	8.2	0.2	0.1	4.4	1.7	3263.8	488.5
10-jun	22	421.1	159.5	758.2	6.4	76.1	40.1	4.8	0.6	4.0	65.9	0.1	2.0	8.4	0.6	0.2	2.7	0.9	3263.3	610.7
11-jun	00	593.3	124.0	2308.8	13.7	165.4	60.3	3.5	1.3	19.5	39.4	0.2	4.9	64.9	0.6	2.9	3.6	1.0	3924.9	673.0
11-jun	02	539.8	72.8	1785.1	20.9	173.4	62.1	2.6	1.3	14.0	40.1	0.2	2.2	58.2	1.0	4.2	3.4	4.1	3238.9	442.1
11-jun	04	699.2	80.4	2009.2	60.8	175.4	91.0	2.8	0.6	16.8	72.1	0.1	3.8	142.1	2.2	12.0	4.6	9.6	3424.2	610.1
11-jun	06	679.8	365.2	1985.6	22.1	129.0	209.6	6.5	1.7	9.5	101.2	0.4	4.2	50.0	1.5	7.9	4.0	4.3	3117.1	824.7
11-jun	08	625.3	165.7	2006.5	26.2	115.3	131.2	4.3	1.8	7.5	101.4	0.6	5.9	49.3	1.1	14.4	4.0	2.5	2715.3	943.4
11-jun	10	653.9	248.2	1159.0	28.2	94.1	157.4	6.6	0.7	10.0	142.1	0.6	10.3	82.7	0.6	0.9	3.6	4.0	2676.6	1022.6
11-jun	12	515.1	109.3	226.0	11.9	25.3	79.6	4.4	0.0	5.3	99.0	0.2	7.4	55.4	0.4	0.6	1.2	2.7	2120.1	569.1
11-jun	14	484.4	51.9	322.1	5.4	21.8	58.2	4.1	0.0	2.5	78.3	0.3	5.1	23.6	0.9	2.0	1.1	0.7	2373.1	506.3
11-jun	16	571.1	85.8	333.6	7.1	21.1	74.8	4.8	0.0	2.7	86.4	0.1	5.2	29.5	0.9	1.7	2.1	1.1	3101.3	595.8
11-jun	18	646.0	281.4	620.6	3.7	34.2	111.5	6.4	3.8	2.4	90.7	0.8	5.3	22.9	0.8	0.7	1.5	1.0	2360.0	488.4
11-jun	20	694.4	1100.9	396.7	4.6	47.3	287.4	10.6	0.0	2.2	115.5	0.0	6.1	21.5	0.7	0.7	1.8	0.2	2098.3	475.6
11-jun	22	444.8	95.1	275.8	8.4	19.6	40.0	2.2	0.1	0.2	29.0	0.0	4.2	50.2	0.4	0.8	1.1	1.2	1687.6	355.9
12-jun	00	551.4	33.0	389.5	61.0	22.9	37.9	1.8	0.0	1.5	31.6	0.0	4.7	173.4	0.7	6.7	1.7	4.7	1891.5	397.4
12-jun	02	507.8	16.1	354.9	42.5	16.6	27.1	1.4	0.1	0.1	17.2	0.1	6.6	179.9	0.6	2.9	1.6	4.0	1538.4	378.1

Fecha	Hora	Al	Si	S	Cl	K	Ca	Ti	V	Mn	Fe	Ni	Cu	Zn	As	Se	Br	Pb	OC	EC
12-jun	04	482.8	16.2	518.0	44.2	26.9	63.3	1.4	0.1	3.0	37.0	0.0	3.3	136.4	1.8	5.2	1.7	5.9	1673.2	422.8
12-jun	06	611.4	40.2	629.8	43.5	33.1	69.4	2.0	0.0	3.0	60.4	0.0	3.7	112.8	1.0	10.2	2.4	3.6	1758.0	645.5
12-jun	08	601.7	211.4	711.4	72.6	48.2	135.5	6.1	0.2	3.9	117.9	0.5	5.2	176.4	0.7	15.7	2.7	2.8	2042.5	1014.9
12-jun	10	636.6	198.5	465.6	44.1	47.7	123.7	6.3	0.2	6.3	156.6	0.5	8.7	88.2	1.6	2.5	2.9	5.3	2066.6	808.5
12-jun	12	772.6	341.8	429.3	26.1	47.1	129.6	7.5	0.0	5.1	134.2	0.6	10.1	70.6	1.0	1.4	3.4	3.4	2618.0	637.2
12-jun	14	620.2	447.3	440.8	11.3	49.1	118.4	8.9	0.1	2.8	111.4	0.1	5.7	30.7	0.4	0.1	3.3	0.8	2169.5	401.6
12-jun	16	629.9	394.1	512.4	12.6	44.1	110.6	9.0	0.0	2.7	104.0	0.1	4.5	23.0	0.2	0.0	2.6	1.2	2023.5	337.3
12-jun	18	585.7	250.2	447.7	8.8	36.1	77.2	6.0	0.0	1.3	75.0	0.0	3.4	9.6	0.2	0.0	2.0	0.4	1799.2	302.6
12-jun	20	607.7	170.4	299.9	13.0	31.0	78.6	3.6	0.0	1.4	57.1	0.0	3.7	27.2	0.7	2.4	1.1	1.1	1813.5	410.8
12-jun	22	502.1	63.3	838.3	3.5	24.5	45.7	2.0	3.0	0.2	29.7	0.5	1.8	4.9	0.6	0.8	1.0	0.1	1615.4	286.4
13-jun	00	828.7	221.3	2598.4	0.0	40.8	52.2	4.4	45.0	1.4	47.0	7.4	0.9	5.1	0.8	3.6	2.6	0.2	1843.5	359.3
13-jun	02	677.0	456.4	1023.4	11.6	67.4	84.5	7.8	24.5	2.9	74.7	4.2	0.9	7.9	0.6	1.6	2.4	0.6	1720.3	337.5
13-jun	04	674.1	498.5	1347.2	13.9	58.3	89.1	8.3	68.3	3.3	88.6	11.2	2.0	15.5	1.9	3.6	2.2	1.6	1759.4	389.4
13-jun	06	743.4	564.5	1081.8	49.0	76.1	89.8	8.5	29.4	3.5	106.1	5.2	2.8	35.3	0.5	4.5	5.4	1.8	1993.2	1502.8
13-jun	08	780.7	564.9	1067.3	14.3	72.8	107.5	9.2	15.4	4.3	123.9	2.9	3.1	25.0	1.1	1.7	3.0	2.5	2047.7	707.4
13-jun	10	665.8	493.9	1174.5	13.5	62.7	109.0	8.8	18.9	4.5	123.1	3.3	3.8	28.5	1.4	1.5	2.2	2.3	2176.5	662.8
13-jun	12	601.5	391.3	619.7	23.0	59.3	109.6	8.8	1.0	4.7	114.8	0.3	6.5	49.4	1.2	6.3	2.8	2.9	2575.6	528.9
13-jun	14	652.7	314.8	496.4	19.3	57.4	108.9	7.9	0.1	2.9	92.0	0.0	12.8	27.1	0.9	1.4	3.0	1.3	3651.8	527.6
13-jun	16	652.6	204.0	422.9	13.9	46.2	162.3	5.4	0.0	1.7	67.5	0.0	5.9	16.1	1.4	1.3	2.1	0.6	2563.4	431.4
13-jun	18	603.4	200.3	367.1	15.8	66.4	163.8	4.1	0.0	1.4	66.8	0.1	4.4	17.3	1.3	2.5	3.0	1.0	2267.0	457.6
13-jun	20	583.9	196.4	419.2	17.2	62.0	94.5	4.2	0.0	1.3	63.0	0.1	2.4	15.8	0.6	1.1	2.8	0.9	2688.8	446.9
13-jun	22	595.4	149.9	633.7	22.6	60.0	67.4	3.3	0.0	1.2	55.3	0.0	2.2	52.8	0.9	9.0	2.6	1.9	2869.2	388.5
14-jun	00	595.2	95.6	873.3	33.3	62.6	69.9	2.0	3.5	2.9	53.2	0.6	3.4	54.0	1.0	3.2	3.1	4.7	3407.7	441.7
14-jun	02	605.1	90.9	1142.0	19.2	64.2	50.7	2.3	10.5	2.3	46.2	1.8	1.4	46.3	1.2	1.2	3.3	7.6	3342.0	423.5
14-jun	04	584.3	55.8	1437.5	16.8	59.8	36.5	1.4	37.4	1.9	40.5	6.1	1.9	35.7	0.8	0.4	3.3	3.9	3200.5	444.0
14-jun	06	561.7	90.3	1822.8	19.7	65.3	41.7	1.9	61.8	2.4	55.8	10.5	2.4	40.3	1.1	1.5	4.9	4.2	3279.7	594.7
14-jun	08	720.7	103.5	2386.1	23.7	75.2	58.9	2.6	68.3	3.5	69.1	11.4	2.8	55.5	1.5	2.8	4.9	4.9	3803.4	739.1
14-jun	10	653.0	156.7	2497.4	13.8	93.1	84.6	3.8	48.7	2.9	91.1	8.0	5.1	56.3	1.3	10.8	7.0	4.8	4682.5	912.9
14-jun	12	593.9	134.1	1836.1	10.0	60.8	66.3	3.3	23.7	1.1	65.5	4.1	3.5	30.6	1.0	9.4	5.0	2.1	3834.5	603.3
14-jun	14	554.4	91.3	1450.9	4.9	24.5	60.7	2.4	13.8	0.3	39.3	2.5	2.3	8.5	0.6	1.9	2.7	0.4	2483.5	344.2
14-jun	16	561.0	148.7	1711.2	3.1	31.4	99.3	3.0	16.8	0.3	47.4	2.9	2.5	6.1	0.6	1.5	3.4	0.4	2437.2	316.7
14-jun	18	512.3	135.8	352.7	6.5	33.2	87.9	3.2	0.3	0.3	48.8	0.1	3.4	9.5	0.7	1.6	3.9	0.2	1918.2	265.3
14-jun	20	463.2	166.8	456.4	8.7	40.4	83.5	3.6	0.3	0.8	55.4	0.2	1.8	9.8	0.6	0.7	3.4	0.3	2422.2	334.9
14-jun	22	578.5	207.3	659.5	15.6	119.9	69.3	3.9	0.1	0.8	52.6	0.0	2.9	13.9	0.5	3.1	5.1	0.6	3673.1	409.6
15-jun	00	838.3	170.4	879.4	20.7	170.4	69.7	3.2	1.2	0.4	51.7	0.3	1.8	33.7	1.4	3.8	4.3	1.4	4869.5	700.2
15-jun	02	602.8	106.5	1240.0	19.2	179.4	65.5	2.6	19.9	0.5	37.3	3.3	2.3	37.4	1.3	2.6	4.5	1.7	4861.4	822.3
15-jun	04	688.4	100.7	3142.8	5.9	160.8	50.4	2.3	159.5	0.4	38.7	27.0	1.4	19.0	1.4	3.9	5.2	1.2	4495.4	749.6
15-jun	06	786.7	310.2	4241.3	2.6	138.3	128.5	5.4	160.7	1.0	79.7	26.7	1.9	6.9	0.6	0.9	5.2	1.2	4458.8	917.1
15-jun	08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5024.1	1212.8

ND.- No determinado

Anexo 3. Datos del monitoreo de compuestos orgánicos volátiles, expresados en µg/m^3, del 1 de mayo al 15 de junio de 2020 en los Viveros de Coyoacán de la Ciudad de México.

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
01-may	10	4.430	2.083	96.393	0.968	5.001	9.735	0.742	1.642	4.382	1.878	0.101	0.012	0.418
01-may	11	3.700	2.168	70.901	0.813	3.698	6.978	1.486	0.229	3.136	1.345	0.252	0.038	0.430
01-may	12	3.170	2.093	63.877	0.777	3.656	7.015	1.625	0.263	3.813	1.507	0.081	0.132	0.540
01-may	13	3.624	2.195	71.779	1.015	4.338	8.355	1.907	0.151	4.181	1.748	0.057	0.357	0.455
01-may	14	3.435	1.665	57.830	0.764	3.343	6.071	1.495	0.258	3.233	1.448	0.037	0.094	0.134
01-may	15	1.726	0.960	10.860	0.715	1.163	1.314	0.554	0.134	0.894	0.402	0.088	0.101	0.116
01-may	16	1.821	1.005	20.053	0.638	1.384	2.396	0.779	0.124	1.834	0.815	0.054	0.048	0.213
01-may	18	1.690	0.933	18.684	0.760	1.174	2.881	0.685	0.135	3.263	1.261	0.147	0.173	0.201
01-may	19	1.598	0.979	19.130	0.649	0.862	1.763	0.685	0.114	0.887	0.513	0.083	0.039	0.104
01-may	20	2.496	2.000	52.482	1.053	2.286	4.467	1.262	0.200	2.005	0.985	0.365	0.067	0.374
01-may	21	3.180	2.669	66.255	1.327	3.263	6.554	1.793	0.218	4.580	2.301	0.279	0.247	0.765
01-may	22	4.524	3.419	107.985	1.921	5.295	10.594	2.373	0.274	5.483	2.612	0.256	0.252	0.640
01-may	23	3.511	2.229	71.897	1.259	3.646	7.787	1.573	0.220	5.660	2.358	0.225	0.175	0.489
02-may	00	3.521	2.408	72.600	1.321	3.947	7.825	1.761	0.214	4.185	1.964	0.172	0.134	0.447
02-may	01	5.798	3.037	147.476	1.780	6.450	12.970	2.039	0.361	5.808	2.611	0.206	0.224	0.625
02-may	02	6.416	3.199	166.334	1.873	7.333	14.409	2.168	0.262	6.858	3.021	0.213	0.191	0.706
02-may	03	7.948	3.274	249.904	2.069	9.778	18.843	2.195	0.300	7.325	3.168	0.259	0.214	0.922
02-may	04	8.200	2.827	277.249	2.232	10.925	20.533	2.103	0.310	6.818	3.142	0.299	0.321	1.106
02-may	05	8.798	2.622	343.985	2.241	12.627	23.152	1.931	0.287	5.777	2.633	1.034	0.196	1.014
02-may	06	10.139	2.421	354.559	2.242	13.681	24.166	1.669	0.292	5.379	2.511	0.590	0.251	0.655
02-may	07	12.135	3.065	320.198	2.381	12.109	21.619	1.802	0.298	5.292	2.629	0.999	0.226	1.046
02-may	08	12.905	3.699	399.386	2.849	15.093	27.479	2.185	0.332	6.409	3.036	0.403	0.355	0.764
02-may	09	13.337	5.025	441.960	3.745	16.639	30.432	2.978	0.485	8.028	3.615	0.312	0.450	0.902
02-may	10	7.643	4.817	209.331	2.358	10.107	19.197	3.030	0.289	5.994	2.667	0.536	0.171	0.684
02-may	11	7.876	7.770	256.811	3.486	13.708	27.090	5.029	0.503	11.200	5.178	0.123	0.186	1.066
02-may	12	5.617	4.591	145.726	2.035	8.005	15.678	3.129	0.245	6.635	2.906	0.184	0.146	0.705
02-may	13	4.172	2.432	70.395	1.127	4.088	7.973	1.868	0.140	4.031	1.756	0.102	0.122	0.450
02-may	14	3.229	1.732	45.280	0.706	2.697	4.704	1.426	0.136	2.596	1.178	0.056	0.055	0.286
02-may	15	2.529	1.045	19.937	0.669	1.786	2.651	0.950	0.148	2.081	0.867	0.063	0.095	0.219
02-may	16	2.232	1.181	14.476	0.878	1.748	2.168	0.738	0.190	1.839	0.808	0.051	0.121	0.219
02-may	17	2.060	0.959	12.655	0.995	1.980	1.900	0.588	0.223	1.710	0.790	0.094	0.076	0.218

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
02-may	18	2.162	0.929	11.858	0.822	1.945	2.088	0.535	0.167	2.105	1.065	0.065	0.130	0.202
02-may	19	1.842	0.702	11.429	0.548	1.321	1.464	0.458	0.190	1.288	0.539	0.079	0.075	0.163
02-may	20	1.957	0.768	18.042	0.747	1.531	2.521	0.481	0.173	2.179	1.159	0.181	0.186	0.295
02-may	21	2.848	1.243	46.773	0.855	2.889	5.962	0.945	0.184	3.182	1.633	0.413	0.137	0.292
02-may	22	3.049	0.839	15.361	0.571	1.170	2.302	0.584	0.117	1.291	0.738	0.084	0.073	0.139
02-may	23	3.465	1.112	28.592	0.646	1.691	3.383	0.712	0.135	1.651	0.924	0.116	0.095	0.148
03-may	00	5.057	2.055	80.366	1.182	3.471	6.742	1.278	0.202	3.134	1.599	0.163	0.126	0.349
03-may	01	4.622	1.968	93.412	1.226	4.377	8.896	1.314	0.262	3.356	1.672	0.185	0.138	0.296
03-may	02	5.179	2.002	123.145	1.315	5.401	10.737	1.297	0.230	4.273	2.003	0.195	0.158	0.368
03-may	03	6.278	2.014	160.798	1.467	6.614	12.778	1.243	0.240	4.264	2.087	0.214	0.166	0.384
03-may	04	6.284	2.016	160.953	1.469	6.621	12.791	1.245	0.240	4.268	2.089	0.214	0.167	0.384
03-may	05	7.586	1.630	226.551	1.571	8.849	16.081	1.062	0.211	3.940	1.900	0.188	0.152	0.367
03-may	06	7.719	1.778	224.301	1.561	8.560	15.430	1.137	0.216	3.843	1.954	0.183	0.131	0.314
03-may	07	8.091	2.039	225.659	1.824	8.658	15.870	1.310	0.213	4.341	2.203	0.213	0.196	0.423
03-may	08	8.540	3.153	237.550	2.241	9.723	17.499	1.805	0.284	5.437	2.677	0.270	0.299	0.720
03-may	09	9.085	3.983	262.674	2.580	11.523	21.153	2.542	0.387	5.731	2.636	0.230	0.222	0.609
03-may	10	9.660	4.253	220.126	2.298	10.339	19.446	2.723	0.328	6.224	2.934	0.125	0.144	0.790
03-may	11	6.109	3.039	106.605	1.294	5.661	10.419	2.086	0.202	3.585	1.648	0.043	0.053	0.408
03-may	12	4.600	2.748	87.879	1.068	5.139	9.602	2.023	0.204	4.003	1.832	0.062	0.064	0.462
03-may	13	3.618	1.403	49.573	0.750	3.099	5.139	1.202	0.132	2.446	1.065	0.092	0.183	0.273
03-may	14	2.225	0.971	21.006	0.737	2.195	2.765	0.777	0.163	1.778	0.774	0.077	0.097	0.201
03-may	15	2.184	1.003	22.483	0.879	2.272	2.907	0.842	0.270	1.992	0.873	0.069	0.113	0.233
03-may	16	1.868	0.948	10.673	0.830	1.731	1.528	0.493	0.166	1.380	0.575	0.076	0.070	0.203
03-may	17	1.887	0.857	10.109	0.769	1.945	1.903	0.424	0.208	1.916	0.796	0.078	0.112	0.231
03-may	18	1.670	0.626	8.719	0.800	1.604	1.740	0.346	0.165	1.502	0.818	0.088	0.088	0.217
03-may	19	1.809	0.557	12.156	0.612	1.317	1.779	0.466	0.103	1.631	0.722	0.234	0.189	0.204
03-may	20	2.195	0.655	20.184	0.708	1.467	2.505	0.534	0.119	1.623	0.801	0.117	0.097	0.224
03-may	21	2.720	0.886	18.910	0.601	1.539	2.557	0.526	0.120	1.338	0.772	0.099	0.060	0.225
03-may	22	2.629	0.718	12.806	0.532	1.448	3.436	0.511	0.148	4.421	1.863	0.685	0.128	0.675
03-may	23	2.980	0.845	29.834	0.534	2.097	4.865	0.488	0.135	4.627	1.832	0.832	0.144	0.654
11-may	16	2.842	1.863	53.631	2.703	10.142	4.382	0.734	0.189	7.321	1.035	0.883	0.886	9.574
11-may	17	1.705	1.004	14.788	0.486	0.899	1.115	0.689	0.037	0.390	0.234	0.036	0.012	0.231
11-may	18	2.661	1.596	34.832	0.734	1.577	3.233	1.424	0.134	1.721	0.696	0.049	0.018	0.489
11-may	19	2.742	1.968	37.465	0.740	1.935	4.190	1.478	0.146	3.148	1.182	0.136	0.012	0.322

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
11-may	20	2.459	1.725	34.842	0.511	1.523	3.120	1.295	0.123	1.867	0.742	0.091	0.058	0.276
11-may	21	2.651	1.680	41.455	0.626	1.955	4.146	1.311	0.109	2.102	0.882	0.112	0.035	0.196
11-may	22	3.240	1.767	55.674	0.837	2.760	5.408	1.429	0.141	2.347	1.003	0.141	0.056	0.236
11-may	23	3.568	1.760	67.330	0.820	3.301	6.545	1.386	0.148	2.581	1.108	0.095	0.088	0.348
12-may	00	5.385	2.550	122.819	1.268	5.014	10.371	1.778	0.211	5.465	2.148	0.175	0.136	0.512
12-may	02	4.144	2.162	85.153	1.272	3.833	7.807	1.474	0.245	3.379	1.573	0.135	0.185	0.383
13-may	11	5.098	2.969	135.661	3.125	7.928	17.720	9.770	3.676	0.135	0.056	1.784	1.555	0.094
13-may	12	2.896	1.460	38.388	0.621	2.459	4.271	1.175	0.204	1.757	0.568	0.037	0.012	0.126
13-may	13	2.132	1.118	22.436	0.680	1.875	2.850	0.905	0.159	1.451	0.599	0.066	3.820	1.043
13-may	14	1.907	0.913	14.062	0.667	1.585	2.005	0.773	0.145	1.143	0.432	0.037	0.012	0.376
13-may	15	1.681	0.813	10.944	0.609	1.395	1.512	0.684	0.141	0.918	0.354	0.037	0.012	0.079
13-may	16	1.881	1.093	11.235	0.811	1.259	1.355	0.776	0.139	1.079	0.447	0.124	0.028	0.087
13-may	17	1.991	0.887	13.471	0.614	1.372	1.648	0.802	0.150	1.025	0.441	0.058	0.038	0.094
13-may	18	2.433	0.991	16.477	0.632	1.369	1.667	0.768	0.138	0.807	0.342	0.052	0.012	0.055
13-may	19	2.253	1.010	15.662	0.613	1.156	1.614	0.701	0.142	0.624	0.200	0.069	0.012	0.056
13-may	20	2.902	0.943	21.390	0.756	1.323	1.797	0.860	0.096	0.746	0.307	0.064	0.012	0.098
13-may	21	2.997	1.226	24.518	0.787	1.555	3.069	1.012	0.146	2.144	0.950	0.159	0.083	0.170
13-may	23	3.376	1.646	48.251	0.809	2.606	5.607	1.247	0.183	3.566	1.636	0.258	0.226	0.384
14-may	00	2.684	1.455	29.205	0.864	1.665	3.372	0.886	0.160	2.339	1.114	0.179	0.154	0.308
14-may	01	2.396	1.012	28.060	0.672	1.402	2.837	0.580	0.138	1.977	0.877	0.142	0.089	0.254
14-may	02	2.554	0.872	52.192	0.664	2.217	4.383	0.560	0.139	1.839	0.957	0.162	0.120	0.257
14-may	03	5.859	1.626	204.639	1.349	7.597	13.967	0.922	0.175	2.943	1.298	0.157	0.126	0.393
14-may	04	8.515	2.123	255.787	1.681	9.776	18.398	1.019	0.208	3.887	1.670	0.228	0.106	0.470
14-may	05	7.812	2.062	250.923	1.921	9.465	17.495	1.113	0.225	4.537	2.024	0.192	0.153	0.510
14-may	06	9.155	2.540	338.808	2.210	12.315	22.586	1.389	0.348	5.320	2.317	0.243	0.172	0.591
14-may	07	11.631	3.880	418.425	3.182	15.498	28.817	2.473	0.343	7.448	3.188	0.320	0.339	0.834
14-may	08	12.934	4.537	459.239	3.313	16.973	30.816	2.613	0.391	7.935	3.373	0.391	0.476	0.856
14-may	09	10.189	5.831	289.691	3.437	11.879	22.047	3.573	0.432	7.931	3.320	0.333	0.485	0.906
14-may	10	5.347	3.245	118.463	1.712	5.770	11.795	2.053	0.226	5.680	2.012	0.097	0.108	0.592
14-may	11	4.727	3.109	84.292	1.552	4.917	9.944	2.331	0.229	5.955	2.081	0.091	0.103	0.554
14-may	12	3.710	1.999	44.227	0.965	2.846	5.130	1.465	0.145	2.738	0.953	0.064	0.056	0.315
14-may	13	2.472	0.962	14.510	1.034	1.431	1.647	0.780	0.154	0.969	0.327	0.072	0.013	0.137
14-may	14	2.681	1.176	19.913	1.029	2.140	2.815	0.964	0.199	2.091	0.822	0.087	0.077	0.204
14-may	15	3.046	1.672	20.975	1.072	2.069	2.825	1.304	0.166	1.894	0.786	0.113	0.058	0.187

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
14-may	16	2.734	1.215	14.839	0.807	1.440	1.804	0.953	0.150	0.919	0.344	0.049	0.012	0.152
14-may	18	2.497	1.287	18.229	0.894	1.453	2.157	1.057	0.162	0.982	0.408	0.098	0.024	0.205
14-may	19	3.494	2.651	44.371	1.577	2.615	4.543	2.033	0.239	2.748	1.127	0.151	0.157	0.421
14-may	20	3.283	1.564	34.172	0.937	1.937	3.167	1.309	0.150	1.687	0.730	0.089	0.059	0.258
14-may	21	3.141	1.450	36.285	0.905	2.000	4.020	1.229	0.130	2.249	1.115	0.199	0.122	0.309
14-may	22	3.963	2.027	46.212	1.234	2.793	5.535	1.620	0.238	2.879	1.283	0.161	0.136	0.364
14-may	23	4.638	2.849	83.196	1.637	4.534	9.260	2.187	0.223	4.832	2.100	0.259	0.218	0.545
15-may	00	6.761	4.514	154.371	2.405	7.837	15.896	3.200	0.283	6.649	2.696	0.305	0.284	0.729
15-may	01	2.742	1.319	47.677	1.123	2.360	4.420	0.798	0.162	2.165	0.908	0.215	0.119	0.289
15-may	02	4.070	2.060	88.872	1.218	4.098	8.094	1.165	0.135	2.928	1.281	0.169	0.108	0.331
15-may	03	5.604	1.741	141.081	1.185	5.858	11.099	1.140	0.182	3.349	1.493	0.192	0.095	0.406
15-may	04	7.598	2.411	202.813	1.658	8.043	15.024	1.528	0.190	4.332	1.836	0.172	0.090	0.486
15-may	05	9.330	2.907	267.128	1.930	10.446	19.334	1.822	0.263	5.532	2.375	0.270	0.207	0.632
15-may	06	10.258	2.617	331.579	2.241	12.259	22.578	1.612	0.224	5.679	2.397	0.234	0.186	0.599
15-may	07	9.892	3.479	379.825	2.658	15.460	30.127	2.117	0.368	11.058	3.955	0.489	0.574	0.882
15-may	08	11.722	8.461	349.264	4.989	14.424	30.118	4.927	0.717	19.904	6.973	0.935	1.351	1.702
15-may	09	8.571	5.925	242.347	3.293	11.689	25.794	3.737	0.506	17.894	6.152	0.581	0.786	1.343
15-may	10	7.547	4.756	151.116	2.319	8.366	16.490	3.230	0.283	6.576	2.621	0.146	0.155	0.696
15-may	11	4.625	2.771	92.365	1.431	5.082	9.610	2.094	0.159	3.780	1.409	0.063	0.077	0.426
15-may	12	2.720	1.420	33.149	0.835	2.350	3.868	1.396	0.070	1.795	0.750	0.072	0.051	0.246
15-may	14	2.178	1.015	14.391	0.621	1.525	2.189	0.897	0.144	1.537	0.520	0.061	0.066	0.272
15-may	15	2.420	1.506	16.377	0.959	2.081	2.222	1.108	0.206	1.444	0.563	0.058	0.041	0.348
15-may	16	2.497	1.164	18.329	0.829	1.674	2.241	1.040	0.218	1.369	0.541	0.040	0.066	0.155
15-may	17	2.856	1.411	23.153	0.893	2.109	3.009	1.220	0.154	1.672	0.687	0.078	0.084	0.321
15-may	18	2.739	1.297	14.764	0.807	1.458	1.657	0.900	0.124	1.087	0.472	0.076	0.037	0.221
15-may	19	2.730	0.988	13.149	0.615	1.166	1.270	0.863	0.131	0.646	0.229	0.058	0.012	0.048
15-may	20	3.147	1.178	17.440	0.573	1.237	1.832	0.918	0.104	0.805	0.367	0.173	0.014	0.135
15-may	21	3.028	1.330	26.938	0.755	1.690	3.469	0.951	0.148	2.321	1.067	0.469	0.137	0.181
15-may	22	3.028	2.029	38.504	1.111	2.323	4.866	1.186	0.188	3.485	1.549	0.242	0.207	0.301
15-may	23	2.047	1.304	19.939	0.819	1.245	2.184	0.700	0.108	1.556	0.639	0.067	0.048	0.141
16-may	00	3.769	1.702	69.793	1.254	3.412	6.645	1.138	0.139	2.743	1.197	0.119	0.072	0.272
16-may	01	4.628	2.081	132.197	1.463	5.849	11.205	1.264	0.275	3.896	1.673	0.148	0.112	0.411
16-may	02	8.962	3.566	259.803	2.446	11.013	21.090	2.370	0.279	6.249	2.738	0.293	0.212	0.710
16-may	03	7.893	2.521	182.441	1.989	8.309	16.009	1.732	0.224	5.694	2.321	0.240	0.168	0.666

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
16-may	04	8.522	2.603	215.343	1.767	9.689	18.260	1.630	0.259	5.491	2.408	0.231	0.145	0.596
16-may	05	11.879	5.108	373.857	2.941	15.016	27.669	2.304	0.315	6.089	2.578	0.331	0.212	0.668
16-may	07	11.993	3.283	390.228	2.575	15.052	27.375	2.036	0.303	6.167	2.624	0.311	0.317	0.667
16-may	08	8.585	2.406	255.837	2.057	9.699	17.564	1.366	0.231	3.867	1.639	0.275	0.211	0.500
16-may	09	5.604	2.559	151.696	1.719	6.928	12.656	1.699	0.227	3.221	1.467	0.166	0.159	0.476
16-may	10	3.282	2.274	64.499	1.164	3.538	6.443	1.212	0.229	2.029	0.795	0.135	0.073	0.326
16-may	11	2.168	1.435	35.917	0.814	2.269	3.945	0.933	0.087	1.386	0.469	0.079	0.042	0.240
16-may	12	1.810	1.163	22.842	0.744	1.807	2.853	0.743	0.071	1.450	0.491	0.043	0.012	0.155
16-may	13	1.457	0.827	13.268	0.851	1.490	2.028	0.540	0.109	1.424	0.562	0.036	0.022	0.151
16-may	14	1.247	0.712	7.380	0.638	1.341	1.274	0.388	0.202	1.261	0.489	0.063	0.052	0.148
16-may	15	1.306	0.870	9.682	0.907	1.885	1.962	0.481	0.185	1.800	0.657	0.066	0.060	0.180
16-may	16	2.383	1.312	16.857	0.795	1.744	2.457	1.008	0.151	1.449	0.525	0.078	0.064	0.148
16-may	17	1.683	0.916	12.623	0.676	1.427	1.630	0.631	0.116	1.224	0.442	0.073	0.085	0.175
16-may	18	1.520	0.893	7.634	0.844	1.478	0.950	0.445	0.154	0.668	0.258	0.055	0.043	0.123
16-may	19	1.683	0.802	11.550	0.643	1.374	1.347	0.401	0.096	0.410	0.128	0.048	0.012	0.043
16-may	20	1.552	1.017	10.868	0.554	0.984	1.294	0.465	0.183	0.911	0.361	0.103	0.039	0.104
16-may	21	1.497	0.719	16.294	0.570	1.054	1.357	0.417	0.094	0.686	0.298	0.086	0.012	0.420
16-may	22	1.294	0.814	13.721	0.597	0.918	1.375	0.510	0.104	0.748	0.273	0.103	0.012	0.081
16-may	23	2.000	1.271	34.570	0.820	1.957	4.012	0.786	0.132	2.102	0.984	0.415	0.140	0.723
17-may	00	3.405	2.006	86.543	1.284	4.443	8.989	1.193	0.206	3.407	1.571	0.366	0.119	0.442
17-may	01	4.442	2.583	122.244	1.580	5.863	11.314	1.507	0.237	3.823	1.692	0.246	0.126	0.474
17-may	02	5.769	2.377	205.401	1.694	8.927	16.625	1.421	0.240	3.579	1.545	0.189	0.076	0.451
17-may	03	5.776	2.549	163.705	1.844	7.871	15.166	1.536	0.206	3.959	1.755	0.187	0.095	0.534
17-may	04	5.908	2.057	195.915	1.597	8.540	15.596	1.056	0.155	3.556	1.645	0.208	0.185	0.476
17-may	05	3.148	1.106	78.677	0.659	3.603	7.047	0.588	0.076	1.535	0.787	0.313	0.090	0.197
17-may	06	3.775	0.983	101.108	0.756	3.812	7.183	0.565	0.122	2.015	0.921	0.216	0.066	0.263
17-may	07	4.940	1.287	159.055	1.063	6.246	11.315	0.738	0.132	2.600	1.345	0.221	0.120	0.402
17-may	08	6.805	2.773	234.875	2.062	8.805	16.058	1.581	0.279	3.715	1.744	0.433	0.222	0.502
17-may	09	7.812	3.682	199.309	2.459	8.253	15.185	2.157	0.324	4.879	2.143	0.650	0.220	0.738
17-may	10	4.401	2.213	30.306	1.170	2.145	3.705	0.912	0.149	1.782	0.752	0.284	0.014	0.267
17-may	11	4.251	2.151	39.526	1.095	2.604	4.396	1.112	0.098	2.071	0.864	0.048	0.029	0.252
17-may	12	3.622	1.833	42.673	0.871	2.790	4.704	1.208	0.152	2.156	0.907	0.044	0.024	0.292
17-may	13	3.155	1.465	41.732	0.854	2.752	4.426	1.242	0.079	2.029	0.840	0.040	0.060	0.188
17-may	14	2.342	1.109	29.111	0.913	2.386	3.355	1.025	0.138	1.679	0.608	0.134	0.035	0.168

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
17-may	15	1.793	0.974	20.139	1.028	2.343	2.679	0.723	0.165	1.534	0.582	0.182	0.050	0.246
17-may	17	2.202	0.976	21.959	1.017	2.346	3.147	0.766	0.140	2.050	0.820	0.055	0.072	0.182
17-may	18	2.211	0.886	25.317	0.924	2.434	3.163	0.849	0.147	1.704	0.641	0.048	0.052	0.259
17-may	19	2.833	1.166	28.000	0.702	2.336	3.228	1.155	0.135	1.854	0.713	0.085	0.052	0.287
17-may	20	3.222	1.362	37.911	0.763	2.491	3.815	1.245	0.122	2.010	0.794	0.127	0.071	0.303
17-may	21	3.116	1.446	38.930	0.752	2.521	4.222	1.275	0.131	2.002	0.809	0.309	0.041	0.298
17-may	22	3.125	1.751	43.527	1.001	2.919	5.528	1.295	0.171	2.927	1.258	0.223	0.103	0.409
17-may	23	2.948	1.386	36.615	0.896	2.439	4.658	1.092	0.170	2.424	1.044	0.255	0.081	0.795
18-may	00	2.820	1.083	23.651	0.618	1.687	3.105	0.768	0.108	1.234	0.567	0.138	0.018	0.144
18-may	01	2.971	0.895	25.368	0.523	1.471	2.793	0.594	0.059	0.844	0.458	0.655	0.012	0.285
18-may	02	3.609	0.651	25.161	0.476	1.675	2.904	0.441	0.081	0.821	0.522	0.632	0.012	0.385
18-may	03	4.141	0.532	24.043	0.510	1.269	2.404	0.466	0.060	0.709	0.493	0.130	0.012	0.123
18-may	04	4.141	0.848	28.257	0.544	1.895	4.592	0.503	0.111	3.718	1.393	0.305	0.145	0.332
18-may	05	4.448	0.644	41.566	0.686	2.400	5.724	0.462	0.111	3.949	1.577	0.177	0.092	0.331
18-may	06	5.013	1.032	46.252	0.903	2.371	4.825	0.705	0.113	1.890	1.077	0.129	0.055	0.290
18-may	07	5.190	1.462	85.616	1.163	3.964	8.117	0.904	0.173	3.662	1.560	0.199	0.126	0.367
18-may	08	6.169	2.472	144.217	1.755	6.031	11.729	1.475	0.247	4.559	2.031	0.244	0.231	0.511
18-may	09	6.854	3.601	149.615	2.247	7.720	14.911	2.304	0.297	4.370	1.829	0.197	0.185	0.537
18-may	10	5.508	4.105	86.711	2.128	4.783	9.235	2.211	0.255	2.895	1.283	0.063	0.064	0.397
18-may	11	5.563	2.660	63.731	1.328	3.985	7.447	1.689	0.190	2.644	1.128	0.093	0.035	0.381
18-may	13	4.470	2.336	60.505	1.363	4.244	8.146	1.871	0.225	4.929	1.839	0.084	0.093	0.474
18-may	14	3.761	2.030	41.650	1.034	3.229	5.479	1.709	0.170	3.322	1.304	0.074	0.095	0.379
18-may	15	2.550	1.217	28.826	0.784	2.546	4.043	1.215	0.180	2.604	1.067	0.085	0.084	0.299
18-may	16	2.409	1.204	22.088	1.098	2.202	3.129	1.110	0.173	2.357	0.932	0.066	0.086	0.328
18-may	17	2.310	1.108	19.802	1.034	2.331	3.019	0.949	0.178	2.338	0.946	0.107	0.073	0.342
18-may	18	2.448	1.056	20.514	0.866	2.059	3.184	0.876	0.150	2.478	1.000	0.236	0.081	0.308
18-may	19	2.511	1.203	24.156	0.747	2.188	3.586	1.053	0.120	2.408	1.020	0.110	0.093	0.308
18-may	20	2.352	1.282	23.452	0.894	1.648	3.127	0.989	0.138	2.232	0.930	0.072	0.076	0.293
18-may	21	3.441	1.991	54.493	1.111	2.786	5.339	1.370	0.155	2.243	0.914	0.362	0.179	0.343
18-may	22	2.845	1.434	42.354	0.779	2.524	4.853	1.081	0.096	1.652	0.750	0.162	0.049	0.278
18-may	23	2.808	1.326	43.281	0.695	2.297	4.524	0.939	0.101	1.651	0.833	0.139	0.097	0.283
19-may	00	3.960	1.828	84.023	1.014	3.798	7.283	1.076	0.138	2.239	1.124	0.188	0.119	0.362
19-may	01	5.282	2.691	134.793	1.374	6.013	11.398	1.483	0.179	3.392	1.504	0.419	0.091	0.469
19-may	02	6.772	2.640	213.474	1.763	8.859	16.407	1.687	0.235	4.093	1.797	0.143	0.098	0.531

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
19-may	03	8.147	3.194	255.062	1.914	10.656	20.444	1.780	0.016	0.131	0.054	0.036	0.012	0.022
22-may	12	3.988	3.193	287.945	9.646	0.718	29.933	2.563	3.948	0.129	0.054	0.353	0.194	0.614
22-may	13	3.245	2.307	31.798	0.748	1.645	3.169	1.481	0.095	1.747	0.796	0.080	0.078	0.761
22-may	14	2.861	1.494	27.193	0.499	1.629	2.892	1.361	0.042	1.504	0.545	0.044	0.336	0.859
22-may	15	2.437	1.336	24.409	0.584	1.897	2.966	1.340	0.066	1.666	0.663	0.077	0.023	0.358
22-may	16	2.452	1.172	24.498	0.620	1.974	2.938	1.195	0.139	1.742	0.655	0.035	0.104	0.321
22-may	17	2.712	1.233	21.642	0.540	1.769	2.855	1.155	0.094	1.914	0.710	0.068	0.075	0.226
22-may	18	2.716	1.276	14.997	0.368	0.957	1.961	1.035	0.052	1.081	0.486	0.095	0.087	0.164
22-may	19	2.512	1.679	29.840	0.654	1.776	3.496	1.474	0.076	1.436	0.625	0.114	0.059	0.221
22-may	20	1.569	0.723	15.001	0.218	0.898	1.666	0.669	0.036	0.880	0.429	0.035	0.012	0.173
22-may	21	3.241	2.044	62.093	0.958	3.096	5.867	1.665	0.121	2.380	1.194	0.099	0.079	0.382
22-may	22	3.074	1.945	40.051	0.739	2.307	4.798	1.629	0.095	2.155	0.983	0.096	0.047	0.270
22-may	23	4.456	2.602	85.250	1.546	3.999	8.088	1.959	0.137	3.227	1.349	0.212	0.074	0.421
23-may	00	6.327	3.312	156.374	2.057	7.151	13.926	2.526	0.232	4.543	1.936	0.185	0.135	0.515
23-may	01	7.546	5.105	231.754	3.011	11.111	21.642	3.554	0.332	6.972	2.929	0.286	0.208	0.832
23-may	02	8.201	5.465	247.332	3.028	11.326	22.358	3.689	0.308	7.279	3.043	0.265	0.192	0.803
23-may	03	9.503	4.895	315.587	3.128	13.663	26.158	3.185	0.321	8.027	3.271	0.314	0.224	0.865
23-may	04	8.443	3.277	256.810	2.259	10.209	19.269	2.151	0.213	4.976	2.111	0.190	0.119	0.571
23-may	05	8.210	2.460	236.156	1.858	9.210	17.269	1.540	0.166	3.972	1.724	0.142	0.097	0.449
23-may	06	8.222	3.009	227.334	2.171	8.822	16.276	1.710	0.192	4.255	1.847	0.244	0.186	0.496
23-may	07	7.711	2.625	260.103	2.270	9.821	18.014	1.541	0.172	4.370	1.929	0.272	0.213	0.491
23-may	08	9.291	3.305	342.695	2.753	12.827	23.582	1.989	0.340	5.266	2.253	0.324	0.368	0.595
23-may	09	8.637	4.458	243.959	2.898	11.752	22.327	2.820	0.253	6.294	2.592	0.218	0.233	0.658
23-may	10	5.693	3.541	139.839	1.995	7.388	14.198	2.422	0.227	4.658	1.792	0.091	0.064	0.477
23-may	11	6.825	5.019	169.171	2.244	9.455	19.347	3.650	0.237	7.611	3.005	0.084	0.098	0.704
23-may	12	3.925	2.675	81.140	1.591	5.087	10.056	2.078	0.104	4.895	1.832	0.057	0.071	0.459
23-may	13	2.577	1.611	42.996	0.747	2.961	5.318	1.291	0.168	2.706	1.047	0.036	0.039	0.284
23-may	14	2.138	1.309	33.177	0.717	2.552	4.307	1.215	0.100	2.235	0.925	0.075	0.044	0.253
23-may	15	2.264	1.420	29.704	0.906	2.592	3.937	1.198	0.085	2.334	0.894	0.052	0.087	0.279
23-may	16	2.221	1.018	15.767	0.561	1.129	1.584	0.837	0.074	0.816	0.276	0.036	0.033	0.166
23-may	17	2.236	1.154	11.372	0.651	0.985	1.134	0.766	0.120	0.770	0.251	0.055	0.038	0.201
23-may	18	1.385	0.779	7.653	0.309	0.714	1.010	0.552	0.041	0.653	0.285	0.041	0.035	0.146
23-may	19	2.244	1.527	34.859	0.733	2.382	4.180	1.218	0.102	1.859	0.749	0.066	0.055	0.295
23-may	20	2.314	1.482	30.400	0.616	1.986	3.809	1.239	0.087	1.854	0.839	0.108	0.054	0.247

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
23-may	21	2.278	1.245	23.987	0.548	1.363	2.622	0.889	0.055	1.292	0.633	0.102	0.074	0.208
23-may	22	2.179	1.253	22.757	0.462	1.343	2.325	0.871	0.066	0.839	0.368	0.099	0.017	0.147
23-may	23	2.378	1.254	33.605	0.471	1.802	3.750	0.783	0.046	1.896	0.993	0.178	0.146	0.224
24-may	00	2.171	1.279	15.799	0.458	1.036	1.759	0.700	0.145	0.880	0.453	0.063	0.012	0.137
24-may	01	2.135	1.063	18.821	0.306	1.055	2.058	0.614	0.057	1.084	0.461	0.089	0.056	0.171
24-may	02	3.117	1.268	57.713	0.393	2.438	4.715	0.809	0.079	2.126	0.981	0.146	0.115	0.233
24-may	03	4.809	1.744	113.337	0.722	5.167	9.922	0.987	0.124	2.788	1.256	0.136	0.068	0.325
24-may	04	6.777	2.400	169.520	1.196	6.975	12.902	1.325	0.187	3.675	1.690	0.198	0.147	0.415
24-may	05	5.582	2.064	115.740	0.933	4.957	9.408	1.116	0.145	2.569	1.233	0.144	0.074	0.338
24-may	06	6.361	2.158	179.135	1.004	6.641	12.528	1.197	0.141	3.504	1.422	0.146	0.088	0.373
24-may	07	6.701	2.209	242.601	1.143	8.543	15.652	1.302	0.142	3.911	1.622	0.238	0.112	0.421
24-may	08	8.488	3.553	325.748	1.933	12.790	23.563	1.802	0.258	5.284	2.161	0.244	0.209	0.567
24-may	09	4.998	2.568	125.471	1.079	6.005	11.201	1.739	0.224	2.950	1.176	0.071	0.029	0.415
25-may	11	3.548	2.909	68.553	1.380	6.166	8.607	1.558	1.610	2.875	1.139	0.168	0.091	0.345
25-may	12	3.388	3.490	67.521	1.439	4.772	9.126	2.374	0.161	3.683	1.453	0.049	0.128	0.467
25-may	13	2.158	1.733	28.016	0.722	2.619	5.202	1.206	0.120	2.395	0.990	0.071	0.166	0.321
25-may	14	2.131	1.329	26.828	0.791	2.660	3.913	1.157	0.134	2.164	0.807	0.082	0.082	0.290
25-may	15	1.864	1.446	20.811	1.096	2.667	3.237	0.896	0.245	2.136	0.770	0.064	0.077	0.413
25-may	16	1.748	1.337	20.188	1.448	2.772	3.035	0.875	0.216	2.133	0.793	0.071	0.069	0.279
25-may	17	1.760	1.283	12.432	1.097	2.106	2.202	0.695	0.149	1.550	0.558	0.100	0.091	0.230
25-may	18	2.129	1.377	16.971	0.802	1.782	2.388	0.932	0.189	1.376	0.517	0.088	0.062	0.201
25-may	19	1.920	1.196	17.382	0.630	1.638	2.556	0.799	0.141	1.401	0.524	0.066	0.022	0.201
25-may	20	1.849	1.150	19.377	0.508	1.632	2.747	0.671	0.190	1.090	0.411	0.104	0.048	0.148
25-may	21	2.172	1.235	23.197	0.790	1.715	3.107	0.824	0.160	1.931	0.932	0.140	0.089	0.247
25-may	22	2.128	1.365	21.739	0.777	1.360	2.682	0.889	0.097	1.494	0.813	0.169	0.121	0.175
25-may	23	3.076	1.697	45.741	0.630	2.588	5.470	1.010	0.100	2.656	1.352	0.190	0.128	0.310
26-may	00	5.528	3.053	154.154	1.843	7.513	16.100	1.770	0.287	8.344	3.080	0.314	0.255	0.684
26-may	01	5.971	2.716	184.934	1.733	8.259	16.461	1.682	0.284	6.101	2.426	0.281	0.194	0.602
26-may	02	7.284	2.552	246.192	1.901	10.884	21.149	1.537	0.210	6.240	2.483	0.213	0.144	0.636
26-may	04	8.100	3.296	278.845	1.417	12.372	25.335	1.863	0.289	10.116	3.802	0.363	0.333	0.899
26-may	05	7.183	2.438	292.658	1.916	12.176	23.216	1.355	0.209	7.579	3.039	0.287	0.294	0.747
27-may	14	3.469	1.672	28.980	0.794	2.306	3.749	1.036	0.179	2.101	0.864	0.035	0.072	0.259
27-may	15	3.423	1.689	32.546	0.667	2.398	4.335	1.724	0.080	2.651	1.104	0.047	0.122	0.304
27-may	16	2.532	1.152	19.882	0.578	1.551	2.868	1.207	0.076	1.608	0.650	0.077	0.029	0.255

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
27-may	17	2.688	1.391	22.715	0.866	2.184	3.035	1.322	0.114	1.911	0.749	0.072	0.049	0.330
27-may	18	2.827	1.566	27.361	0.836	2.574	4.100	1.413	0.237	2.594	1.075	0.092	0.048	0.326
27-may	19	2.820	1.531	32.719	0.817	2.630	4.957	1.248	0.120	2.586	1.213	0.133	0.105	0.328
27-may	20	2.592	1.360	29.144	0.807	2.331	4.502	1.285	0.127	2.362	1.071	0.115	0.091	0.250
27-may	21	2.782	1.471	35.507	0.853	2.497	5.377	1.214	0.116	2.993	1.344	0.201	0.136	0.307
27-may	22	4.415	2.934	83.712	1.735	5.018	11.887	2.364	0.262	8.957	3.406	0.446	0.285	0.732
27-may	23	4.151	2.683	91.203	1.539	6.320	16.567	2.028	0.377	14.487	5.086	0.512	0.472	0.978
28-may	00	3.326	1.720	59.432	1.065	3.657	7.584	1.374	0.136	3.757	1.766	0.172	0.177	0.418
28-may	01	4.216	2.047	110.378	1.264	5.768	12.793	1.516	0.158	7.389	2.901	0.262	0.201	0.608
29-may	11	3.279	2.159	206.176	3.853	10.435	21.799	1.438	1.347	7.921	2.914	0.280	0.202	0.582
29-may	12	3.536	2.451	50.324	0.776	2.548	5.316	2.246	0.054	2.428	0.947	0.217	0.034	0.258
29-may	13	3.173	2.339	31.913	0.679	1.876	3.886	1.968	0.096	2.002	0.940	0.067	0.166	0.266
29-may	14	1.985	1.371	13.063	0.736	1.438	2.115	1.135	0.051	1.537	0.668	0.067	0.081	0.247
29-may	15	2.018	1.257	9.362	0.791	1.313	1.850	0.837	0.104	1.647	0.842	0.090	0.100	0.224
29-may	16	2.012	1.589	15.503	0.787	1.163	2.305	1.043	0.082	1.059	0.502	0.062	0.089	0.222
29-may	17	1.453	1.039	10.851	0.440	0.873	1.488	0.776	0.076	0.653	0.283	0.061	0.036	0.168
29-may	18	1.689	1.155	14.194	0.359	0.906	1.878	0.756	0.167	0.974	0.389	0.076	0.031	0.200
29-may	19	1.773	0.999	13.464	0.494	1.060	1.947	0.650	0.031	1.062	0.525	0.080	0.057	0.236
29-may	20	1.900	0.947	16.132	0.403	1.345	2.375	0.676	0.073	1.145	0.640	0.128	0.034	0.229
29-may	21	1.817	0.793	16.188	0.460	1.097	2.392	0.583	0.104	1.007	0.528	0.167	0.040	0.279
29-may	22	1.920	0.865	19.349	0.438	1.236	2.670	0.643	0.062	1.090	0.549	0.150	0.031	0.214
30-may	00	2.277	1.166	23.628	0.531	1.494	3.688	0.854	0.349	1.683	0.742	0.177	0.057	0.239
30-may	01	2.564	1.036	24.943	0.581	1.686	3.539	0.827	0.098	1.263	0.558	0.083	0.043	0.231
30-may	02	2.453	0.837	26.770	0.390	1.555	3.510	0.539	0.070	1.217	0.533	0.069	0.015	0.204
30-may	03	3.203	1.294	42.996	0.640	2.643	5.454	0.727	0.098	1.969	0.916	0.121	0.046	0.266
30-may	04	3.001	1.063	43.896	0.493	2.436	5.115	0.520	0.093	1.368	0.678	0.057	0.037	0.202
30-may	05	2.440	0.681	30.976	0.350	1.713	3.647	0.509	0.082	0.951	0.523	0.055	0.012	0.202
30-may	06	2.479	0.706	34.506	0.424	1.704	3.394	0.478	0.062	0.885	0.523	0.061	0.013	0.199
30-may	07	2.427	0.757	31.360	0.397	1.626	3.467	0.432	0.045	1.023	0.519	0.109	0.018	0.176
30-may	08	2.906	1.329	43.654	0.614	2.255	4.982	0.741	0.074	1.744	0.862	0.145	0.061	0.271
30-may	09	3.360	1.566	53.879	0.877	2.931	5.914	0.838	0.155	2.347	0.868	0.126	0.036	0.297
30-may	10	4.599	4.694	94.307	1.997	5.977	12.954	6.236	0.240	5.658	2.208	0.213	0.180	0.550
30-may	11	4.815	3.824	87.640	1.511	5.487	11.727	2.401	0.187	5.357	1.981	0.134	0.119	0.560
30-may	12	3.470	2.254	44.151	0.979	2.935	5.581	1.652	0.175	2.236	1.028	0.046	0.030	0.340

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
30-may	13	2.961	1.989	29.812	0.790	2.235	4.492	1.306	0.155	2.039	0.906	0.056	0.048	0.271
30-may	14	2.467	1.436	19.650	0.706	1.665	3.210	0.972	0.048	1.778	0.703	0.063	0.018	0.215
30-may	15	2.675	1.371	12.628	0.966	1.688	2.604	0.730	0.076	2.030	0.733	0.059	0.022	0.208
30-may	16	2.191	1.091	10.308	1.968	1.461	2.008	0.641	0.056	1.398	0.541	0.088	0.080	0.185
30-may	17	2.060	0.887	9.863	0.778	1.313	1.865	0.471	0.079	1.346	0.482	0.046	0.066	0.175
30-may	18	1.986	0.877	12.757	0.501	1.250	2.160	0.578	0.092	1.393	0.533	0.068	0.080	0.193
30-may	19	2.462	1.185	22.893	0.499	1.480	2.787	0.860	0.116	1.668	0.646	0.102	0.041	0.237
30-may	20	2.557	1.620	26.929	0.635	1.572	3.127	0.939	0.137	1.664	0.655	0.069	0.101	0.233
30-may	21	2.383	1.462	29.967	0.611	1.581	3.067	0.940	0.134	1.664	0.653	0.102	0.040	0.284
30-may	22	2.448	1.106	31.277	0.721	1.597	3.275	0.799	0.136	1.689	0.809	0.110	0.064	0.273
30-may	23	2.598	1.182	28.469	0.592	1.594	3.104	0.744	0.068	1.271	0.667	0.140	0.012	0.254
31-may	00	2.409	0.918	23.445	0.509	1.470	2.926	0.648	0.085	1.073	0.451	0.072	0.018	0.118
31-may	01	2.438	0.769	20.789	0.408	1.187	2.490	0.359	0.035	1.084	0.502	0.090	0.025	0.182
31-may	02	2.684	0.735	25.514	0.313	1.517	2.904	0.432	0.021	1.132	0.631	0.103	0.016	0.102
31-may	03	2.410	0.575	20.043	0.274	1.279	2.889	0.337	0.061	1.147	0.582	0.148	0.048	0.187
31-may	04	2.473	0.605	23.537	0.393	1.511	3.572	0.348	0.084	1.769	0.814	0.110	0.071	0.243
31-may	05	2.711	0.780	27.729	0.244	1.422	3.204	0.356	0.062	1.381	0.645	0.150	0.027	0.239
31-may	06	3.016	0.938	38.017	0.453	1.941	3.957	0.499	0.169	1.520	0.754	0.081	0.061	0.218
31-may	07	3.586	1.261	42.776	0.638	2.680	5.818	0.614	0.097	3.629	1.490	0.161	0.055	0.349
31-may	08	4.155	2.170	63.106	1.091	3.973	7.927	1.274	0.162	3.636	1.482	0.181	0.090	0.375
31-may	09	4.186	2.050	65.864	1.066	3.907	7.709	1.229	0.137	2.430	1.076	0.093	0.049	0.315
31-may	10	4.145	1.977	60.995	0.888	3.626	6.883	1.137	0.094	2.296	0.974	0.078	0.042	0.288
31-may	11	4.207	1.868	57.596	0.781	3.547	6.778	1.283	0.116	2.673	1.061	0.050	0.036	0.318
31-may	12	4.543	1.967	48.931	0.915	3.353	6.877	1.396	0.142	3.735	1.418	0.079	0.035	0.331
31-may	13	3.813	1.733	39.038	0.834	2.717	4.936	1.324	0.076	2.351	0.947	0.071	0.056	0.250
31-may	14	3.239	1.353	33.307	0.791	2.391	4.246	1.342	0.108	2.043	0.790	0.048	0.017	0.248
31-may	15	3.054	1.333	31.685	0.759	2.388	4.006	1.289	0.082	1.794	0.748	0.036	0.031	0.225
31-may	16	2.894	1.301	23.213	0.679	2.034	3.617	1.072	0.102	2.205	0.905	0.070	0.086	0.247
31-may	17	3.299	1.630	26.542	0.622	1.906	3.844	1.102	0.140	2.257	0.915	0.131	0.063	0.261
31-may	18	2.468	1.390	24.494	0.501	1.340	2.690	0.826	0.047	1.061	0.504	0.053	0.023	0.185
31-may	19	3.035	1.894	41.515	0.739	2.129	4.424	1.213	0.177	2.408	1.042	0.109	0.061	0.305
31-may	20	2.886	1.781	40.464	0.646	2.027	3.980	1.232	0.221	1.653	0.804	0.094	0.048	0.275
31-may	21	2.859	1.856	36.694	0.626	2.133	4.321	1.200	0.159	1.962	0.860	0.107	0.038	0.286
31-may	22	2.893	1.731	43.633	0.700	2.504	4.969	1.131	0.320	2.461	1.134	0.124	0.073	0.297

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
31-may	23	3.549	2.224	81.655	1.085	4.091	8.065	1.397	0.110	3.181	1.321	0.156	0.097	0.375
01-jun	00	4.236	2.252	108.336	1.157	4.766	9.133	1.596	0.140	3.008	1.342	0.173	0.129	0.381
01-jun	01	4.857	2.091	133.714	1.172	5.834	10.999	1.346	0.192	3.189	1.462	0.234	0.133	0.404
01-jun	02	6.648	2.328	155.397	1.155	6.772	13.181	1.445	0.188	4.798	2.054	0.253	0.239	0.469
01-jun	03	4.991	1.727	108.825	0.806	5.050	10.141	1.118	0.104	3.787	1.724	0.196	0.165	0.398
01-jun	04	5.324	1.656	110.267	0.907	5.243	10.334	0.951	0.147	3.501	1.542	0.209	0.211	0.366
01-jun	05	3.958	1.178	70.354	0.472	3.405	6.828	0.649	0.064	2.304	1.040	0.213	0.099	0.245
01-jun	06	4.319	1.769	73.218	0.678	3.935	8.635	0.896	0.109	2.979	1.233	0.133	0.116	0.323
01-jun	07	6.133	4.214	114.759	1.995	5.924	14.061	2.461	0.327	9.054	3.241	0.495	0.628	0.759
01-jun	08	5.888	4.202	115.161	1.828	7.015	18.380	2.278	0.388	14.465	4.966	0.794	1.141	0.960
01-jun	09	4.241	3.035	42.874	1.093	2.678	5.729	1.826	0.144	2.888	1.181	0.175	0.213	0.380
01-jun	11	3.934	2.599	31.019	1.251	2.360	4.465	1.760	0.157	1.951	0.853	0.109	0.059	0.303
01-jun	12	4.274	2.465	32.134	0.913	2.665	5.543	1.711	0.118	3.782	1.390	0.059	0.041	0.358
01-jun	13	4.168	2.464	37.481	0.938	2.712	5.699	1.898	0.068	3.377	1.385	0.066	0.058	0.379
01-jun	14	3.206	1.690	17.724	0.879	1.704	3.125	1.239	0.098	2.127	0.869	0.048	0.054	0.237
01-jun	15	2.779	1.682	14.371	1.164	1.657	2.639	0.986	0.135	1.912	0.914	0.075	0.093	0.261
01-jun	16	2.566	1.308	12.304	1.191	1.648	2.179	0.807	0.097	1.693	0.679	0.058	0.070	0.222
01-jun	17	2.718	1.110	10.158	0.783	1.440	2.657	0.726	0.084	2.238	0.958	0.104	0.044	0.251
01-jun	18	2.509	1.080	14.463	0.604	1.481	2.632	0.813	0.125	1.792	0.799	0.108	0.093	0.235
01-jun	19	2.502	1.279	18.821	0.686	1.636	2.986	0.798	0.059	1.748	0.792	0.172	0.132	0.280
01-jun	20	2.335	1.053	18.662	0.500	1.621	2.992	0.739	0.084	1.449	0.712	0.120	0.074	0.264
01-jun	21	2.171	1.054	17.240	0.481	1.253	2.304	0.593	0.073	1.191	0.641	0.089	0.098	0.250
01-jun	22	2.122	0.872	15.065	0.344	1.114	2.192	0.598	0.068	0.850	0.406	0.138	0.021	0.186
01-jun	23	2.656	1.060	19.440	0.439	1.236	2.508	0.588	0.066	0.997	0.499	0.111	0.051	0.164
02-jun	00	3.479	1.328	26.784	0.408	1.692	3.491	0.696	0.054	1.815	0.736	0.172	0.046	0.231
02-jun	01	2.823	1.154	21.964	0.377	1.412	3.867	0.638	0.140	4.082	1.382	0.179	0.094	0.303
02-jun	02	2.929	1.242	20.349	0.391	1.570	4.142	0.607	0.097	3.690	1.271	0.256	0.046	0.297
02-jun	03	4.474	1.295	36.195	0.396	1.717	3.557	0.563	0.067	1.403	0.688	0.125	0.039	0.177
02-jun	04	6.298	1.639	36.816	0.477	2.169	4.421	0.811	0.076	1.761	0.837	0.198	0.071	0.241
02-jun	05	3.752	1.630	33.330	0.498	2.001	4.147	0.648	0.081	2.163	0.926	0.104	0.029	0.243
02-jun	06	4.069	2.023	51.331	0.837	2.750	5.921	0.996	0.225	3.327	1.512	0.184	0.163	0.332
02-jun	07	5.325	3.460	78.940	1.321	4.207	9.291	1.870	0.220	6.246	2.356	0.270	0.246	0.510
02-jun	08	4.565	3.881	83.022	1.626	7.152	16.192	2.101	0.286	8.293	2.920	0.442	0.520	0.662
02-jun	09	5.987	4.769	97.774	2.030	7.081	14.125	3.185	0.234	4.487	1.892	0.235	0.227	0.500

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
02-jun	10	4.100	3.174	35.390	1.222	2.949	7.127	2.246	0.136	5.780	1.993	0.169	0.130	0.436
02-jun	11	3.798	2.630	29.047	1.043	2.472	5.283	1.965	0.122	3.238	1.324	0.096	0.095	0.327
02-jun	12	3.430	2.101	23.030	0.838	2.127	4.127	1.585	0.122	2.770	1.150	0.145	0.037	0.314
02-jun	13	2.943	1.688	17.793	0.950	1.844	3.243	1.373	0.075	2.312	1.062	0.089	0.052	0.249
02-jun	14	2.167	1.301	10.527	0.884	1.341	1.836	0.783	0.091	1.318	0.628	0.046	0.045	0.203
02-jun	15	2.036	1.500	7.832	1.162	1.528	1.856	0.684	0.160	1.613	0.774	0.120	0.059	0.214
02-jun	16	1.887	1.311	8.477	1.173	1.649	1.621	0.607	0.101	1.417	0.600	0.049	0.031	0.227
02-jun	17	1.713	1.382	7.785	1.036	1.434	1.389	0.455	0.156	1.091	0.443	0.117	0.047	0.225
02-jun	18	1.358	0.797	8.063	0.710	1.343	1.426	0.354	0.262	0.954	0.427	0.094	0.082	0.170
02-jun	20	1.484	0.671	11.444	0.483	1.171	1.758	0.420	0.178	1.045	0.514	0.084	0.089	0.181
02-jun	21	1.694	0.783	17.849	0.551	1.444	2.529	0.477	0.056	0.970	0.481	0.108	0.062	0.226
02-jun	22	1.766	1.118	14.680	0.476	1.212	2.136	0.639	0.130	1.008	0.505	0.093	0.072	0.235
02-jun	23	1.642	1.064	13.852	0.469	1.180	2.141	0.463	0.067	0.914	0.454	0.129	0.079	0.151
03-jun	00	1.495	0.683	10.943	0.331	0.812	1.432	0.303	0.032	0.577	0.359	0.080	0.040	0.136
03-jun	01	1.657	0.786	17.731	0.325	1.170	2.431	0.313	0.040	0.617	0.346	0.087	0.032	0.168
03-jun	02	2.061	0.778	17.830	0.348	1.165	2.195	0.328	0.017	0.726	0.332	0.046	0.012	0.149
03-jun	03	2.049	0.789	18.877	0.262	1.105	1.862	0.344	0.021	0.604	0.386	0.110	0.036	0.126
03-jun	04	1.735	0.643	25.082	0.309	1.359	2.451	0.333	0.060	0.556	0.410	0.069	0.014	0.162
03-jun	05	2.024	0.688	28.872	0.292	1.406	2.501	0.525	0.055	0.800	0.357	0.037	0.016	0.126
03-jun	06	1.602	0.582	17.540	0.241	0.842	1.703	0.463	0.017	0.516	0.314	0.091	0.012	0.093
03-jun	07	2.141	1.181	19.294	0.416	1.104	2.238	0.786	0.040	0.790	0.388	0.104	0.012	0.171
03-jun	08	2.480	1.595	28.142	0.776	2.050	5.174	0.913	0.123	3.969	1.450	0.208	0.184	0.345
03-jun	09	3.417	2.016	30.452	0.888	2.353	5.227	1.193	0.084	3.238	1.141	0.179	0.154	0.332
03-jun	13	1.718	1.502	13.424	0.705	1.282	2.541	0.782	0.384	1.519	0.698	0.083	0.032	0.149
03-jun	14	1.302	1.155	11.148	0.622	0.990	1.654	0.584	0.018	1.013	0.470	0.105	0.040	0.194
03-jun	16	1.314	1.518	14.341	0.951	1.214	2.265	0.960	0.137	1.580	0.671	0.121	0.074	0.280
03-jun	17	1.416	1.298	13.638	0.908	1.388	2.445	0.714	0.086	1.717	0.751	0.161	0.048	0.258
03-jun	18	1.194	1.164	11.172	0.783	1.307	1.824	0.559	0.088	1.312	0.582	0.118	0.062	0.219
03-jun	19	1.322	0.944	13.630	0.601	1.404	2.291	0.562	0.092	1.549	0.735	0.118	0.075	0.215
03-jun	20	1.238	0.942	12.455	0.553	1.268	2.330	0.646	0.083	1.381	0.633	0.115	0.119	0.258
03-jun	21	1.408	0.916	15.313	0.432	1.380	2.618	0.572	0.137	1.323	0.631	0.183	0.126	0.241
03-jun	22	1.512	0.893	17.903	0.477	1.417	2.716	0.581	0.043	1.331	0.639	0.122	0.088	0.226
03-jun	23	1.724	0.943	23.194	0.403	1.514	2.973	0.686	0.094	1.228	0.636	0.138	0.057	0.238
04-jun	00	1.757	0.793	22.296	0.387	1.449	2.846	0.554	0.060	1.060	0.549	0.109	0.025	0.128

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
04-jun	01	1.841	0.803	28.370	0.335	1.665	3.262	0.496	0.042	1.429	0.813	0.119	0.124	0.251
04-jun	02	2.308	1.081	31.352	0.526	2.321	6.459	0.630	0.113	5.341	1.898	0.333	0.325	0.433
04-jun	03	2.859	0.979	49.138	0.492	2.293	4.604	0.695	0.114	1.733	0.837	0.123	0.125	0.261
04-jun	04	2.410	0.795	56.690	0.499	2.516	4.708	0.517	0.016	1.189	0.652	0.116	0.089	0.202
04-jun	05	3.076	0.954	52.225	0.532	2.666	5.338	0.622	0.064	1.839	0.853	0.158	0.045	0.223
04-jun	06	3.407	1.003	40.111	0.478	2.334	5.026	0.672	0.046	3.266	1.243	0.169	0.157	0.301
04-jun	07	4.158	2.184	54.950	0.831	3.010	6.398	1.597	0.127	3.231	1.394	0.213	0.217	0.315
04-jun	08	5.409	2.982	84.715	1.321	4.248	8.530	2.452	0.181	3.023	1.284	0.195	0.231	0.355
04-jun	09	3.564	2.940	39.032	1.287	3.751	11.404	1.726	0.313	12.455	3.652	0.511	0.630	0.805
04-jun	10	2.740	2.108	26.575	1.001	2.625	6.979	1.222	0.121	6.832	1.978	0.208	0.221	0.487
04-jun	11	1.985	1.614	16.194	0.822	1.553	3.424	1.060	0.087	2.681	0.954	0.087	0.056	0.270
04-jun	12	1.981	1.690	18.576	0.838	1.787	3.384	1.249	0.073	2.132	0.783	0.036	0.071	0.300
04-jun	13	1.942	1.702	20.309	0.790	1.868	3.326	1.251	0.104	2.009	0.860	0.065	0.068	0.273
04-jun	14	1.705	1.662	19.094	0.999	1.897	3.294	1.114	0.063	2.107	0.856	0.070	0.109	0.276
04-jun	15	1.196	1.474	11.380	1.083	1.668	2.180	0.575	0.109	1.898	0.786	0.073	0.062	0.228
04-jun	16	1.229	1.180	10.993	0.858	1.462	2.189	0.727	0.119	1.744	0.707	0.086	0.080	0.259
04-jun	17	1.110	0.975	10.030	0.701	1.654	2.399	0.539	0.123	2.276	0.894	0.154	0.151	0.222
04-jun	18	1.502	1.097	14.420	0.809	1.941	3.491	0.578	0.155	3.127	1.341	0.245	0.203	0.304
04-jun	19	1.387	0.952	13.481	0.618	1.711	2.989	0.575	0.102	2.240	0.991	0.142	0.152	0.272
04-jun	20	1.464	0.866	14.307	0.486	1.486	2.496	0.492	0.155	1.537	0.696	0.116	0.086	0.249
04-jun	21	1.501	0.944	17.948	0.373	1.521	2.999	0.594	0.085	1.764	0.800	0.172	0.170	0.277
04-jun	22	1.645	0.972	21.197	0.431	1.531	3.030	0.591	0.068	1.636	0.707	0.118	0.126	0.261
04-jun	23	2.139	1.408	19.593	0.431	1.563	3.497	0.655	0.094	1.879	0.853	0.134	0.091	0.249
05-jun	00	2.620	1.786	20.566	0.466	1.574	3.740	0.797	0.120	2.595	0.983	0.171	0.068	0.283
05-jun	02	1.733	1.012	24.464	0.269	1.465	2.724	0.570	0.078	1.076	0.481	0.069	0.048	0.229
05-jun	03	2.290	1.145	24.369	0.464	1.629	3.053	0.484	0.049	1.482	0.831	0.072	0.012	0.203
05-jun	04	2.503	1.436	27.239	0.688	1.637	3.146	0.458	0.050	1.692	0.904	0.073	0.048	0.126
05-jun	05	2.393	1.088	33.978	0.660	1.990	3.520	0.330	0.049	1.364	0.717	0.122	0.032	0.178
05-jun	06	2.303	1.115	28.697	0.585	1.573	2.870	0.456	0.077	1.145	0.590	0.081	0.027	0.102
05-jun	07	2.478	1.579	30.399	0.780	1.916	3.643	0.601	0.093	1.368	0.652	0.057	0.040	0.116
05-jun	08	3.540	2.641	41.571	1.267	2.699	5.444	1.458	0.138	2.218	0.999	0.243	0.120	0.292
05-jun	09	4.235	3.046	32.727	1.220	2.530	5.161	2.727	0.190	2.405	0.978	0.150	0.123	0.316
05-jun	10	2.450	1.732	18.117	0.820	1.517	2.920	0.901	0.074	1.194	0.477	0.050	0.012	0.210
05-jun	11	2.500	1.744	16.495	0.745	1.426	2.829	0.877	0.051	1.236	0.501	0.039	0.049	0.202

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
05-jun	12	1.910	1.444	17.826	0.669	1.641	3.161	0.958	0.053	1.862	0.707	0.057	0.012	0.276
05-jun	13	2.155	1.530	20.445	0.864	1.827	3.249	1.252	0.104	1.890	0.762	0.108	0.012	0.253
05-jun	14	2.047	1.400	13.735	0.872	1.742	2.601	0.918	0.103	1.797	0.746	0.174	0.012	0.240
05-jun	15	2.107	1.381	10.850	1.171	1.790	2.594	0.922	0.088	2.183	0.899	0.074	0.105	0.229
05-jun	16	1.991	1.727	10.117	1.440	1.931	2.202	0.604	0.128	2.031	0.806	0.090	0.096	0.273
05-jun	17	1.537	1.245	9.356	1.209	1.779	2.055	0.575	0.129	1.918	0.771	0.080	0.062	0.256
05-jun	18	1.407	1.061	7.612	1.076	1.818	1.921	0.455	0.130	1.956	0.809	0.173	0.130	0.295
05-jun	19	1.415	0.875	11.507	0.639	1.427	1.835	0.558	0.093	1.235	0.563	0.181	0.032	0.189
05-jun	20	1.524	0.978	15.782	0.524	1.470	2.491	0.677	0.071	1.398	0.613	0.070	0.174	0.239
05-jun	21	1.507	0.851	12.380	0.386	1.239	1.999	0.556	0.057	1.100	0.526	0.101	0.057	0.230
05-jun	22	1.615	1.008	16.127	0.365	1.335	2.438	0.577	0.141	1.407	0.617	0.102	0.074	0.235
05-jun	23	1.478	0.915	15.096	0.314	1.163	2.270	0.509	0.050	1.029	0.525	0.054	0.032	0.230
06-jun	00	2.048	1.088	23.354	0.378	1.666	3.820	0.625	0.109	2.632	1.019	0.112	0.058	0.305
06-jun	01	2.117	0.887	20.315	0.363	1.414	2.996	0.505	0.064	2.079	0.799	0.095	0.027	0.249
06-jun	02	1.587	0.789	22.216	0.346	1.424	2.837	0.375	0.099	0.742	0.452	0.035	0.012	0.215
06-jun	03	2.281	1.010	28.531	0.354	1.591	3.129	0.504	0.065	1.059	0.631	0.065	0.040	0.202
06-jun	04	2.368	1.077	38.516	0.491	1.811	3.567	0.590	0.048	1.259	0.738	0.061	0.028	0.207
06-jun	05	2.798	1.231	62.678	0.581	2.910	5.877	0.519	0.061	1.699	0.845	0.116	0.050	0.250
06-jun	06	2.793	1.212	91.384	0.628	3.914	7.413	0.705	0.053	1.933	0.968	0.127	0.075	0.259
06-jun	08	3.467	1.518	120.533	0.897	5.540	10.600	0.810	0.125	2.461	1.093	0.110	0.118	0.299
06-jun	09	2.778	2.171	58.412	0.950	4.165	8.273	1.200	0.129	2.359	0.926	0.093	0.115	0.332
06-jun	10	3.172	2.869	69.067	1.284	4.726	9.297	1.694	0.135	2.847	1.130	0.118	0.109	0.378
06-jun	11	3.012	3.198	71.349	1.265	5.132	10.611	2.063	0.122	4.295	1.722	0.069	0.089	0.451
06-jun	12	2.911	2.838	63.340	1.202	4.912	9.668	1.942	0.141	4.246	1.573	0.045	0.053	0.435
06-jun	13	2.430	1.743	35.923	0.775	2.756	4.924	1.215	0.064	2.278	0.925	0.064	0.037	0.268
06-jun	14	2.242	1.497	23.114	1.065	2.244	3.587	1.038	0.121	2.119	0.877	0.089	0.097	0.267
06-jun	15	1.573	1.196	9.599	1.054	1.616	2.162	0.519	0.097	1.873	0.680	0.081	0.102	0.231
06-jun	16	1.916	1.433	7.699	1.378	1.822	2.050	0.469	0.109	1.859	0.767	0.097	0.068	0.226
06-jun	17	1.880	1.182	6.942	1.015	1.794	2.061	0.367	0.245	1.850	0.853	0.115	0.113	0.264
06-jun	18	1.477	0.851	6.258	0.772	1.415	1.501	0.338	0.109	1.237	0.526	0.092	0.110	0.221
06-jun	19	1.447	0.680	10.117	0.590	1.565	2.307	0.325	0.088	1.692	0.776	0.142	0.105	0.227
06-jun	20	1.426	0.719	12.324	0.424	1.345	2.307	0.364	0.045	1.533	0.647	0.140	0.118	0.150
06-jun	21	1.472	0.895	18.837	0.559	1.771	3.426	0.587	0.102	1.837	0.744	0.094	0.175	0.281
06-jun	22	1.954	1.398	34.500	0.515	3.012	5.840	1.131	0.123	2.670	1.179	0.150	0.149	0.339

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
06-jun	23	2.152	1.500	40.046	0.613	2.930	5.529	1.067	0.177	2.118	0.894	0.087	0.027	0.319
07-jun	00	2.130	1.290	33.206	0.432	2.433	4.992	1.008	0.068	2.202	0.995	0.107	0.100	0.276
07-jun	01	2.525	1.301	49.558	0.520	3.066	5.983	1.028	0.154	2.232	1.051	0.152	0.123	0.311
07-jun	02	2.669	1.174	54.894	0.497	3.140	6.073	0.834	0.096	1.903	0.935	0.095	0.053	0.301
07-jun	03	3.165	1.289	74.696	0.617	3.931	7.705	0.797	0.129	2.173	1.054	0.121	0.063	0.268
07-jun	04	3.130	1.461	67.584	0.636	3.651	7.145	0.870	0.104	2.333	1.087	0.088	0.122	0.317
07-jun	05	3.201	1.598	53.395	0.566	3.243	6.400	1.095	0.140	2.433	1.069	0.096	0.018	0.330
07-jun	06	2.495	1.096	37.563	0.376	2.331	4.528	0.844	0.056	1.391	0.707	0.083	0.062	0.216
07-jun	07	2.252	1.095	40.870	0.460	2.345	4.455	0.656	0.145	1.008	0.437	0.061	0.013	0.155
07-jun	08	2.365	1.330	39.096	0.600	2.645	4.960	0.908	0.196	1.250	0.502	0.075	0.037	0.200
07-jun	09	2.279	1.721	35.500	0.828	2.446	4.662	1.065	0.083	1.252	0.438	0.045	0.025	0.195
07-jun	10	1.946	1.236	23.451	0.535	1.720	3.010	0.806	0.050	0.907	0.316	0.038	0.018	0.174
07-jun	11	2.217	1.412	28.507	0.830	2.102	3.478	0.942	0.109	1.226	0.463	0.036	0.072	0.177
07-jun	12	1.712	1.091	18.888	0.863	1.754	2.836	0.690	0.056	1.226	0.470	0.111	0.012	0.178
07-jun	14	1.837	1.226	19.158	0.959	1.906	2.743	0.787	0.129	1.396	0.572	0.053	0.012	0.203
07-jun	15	1.554	1.337	13.305	0.986	1.448	1.963	0.633	0.091	1.044	0.388	0.076	0.055	0.212
07-jun	16	1.923	1.555	18.795	1.502	2.291	2.942	0.840	0.137	1.556	0.624	0.036	0.012	0.244
07-jun	17	1.823	1.132	21.444	0.931	2.111	3.097	0.831	0.089	1.669	0.628	0.086	0.066	0.274
07-jun	18	1.605	1.012	11.830	0.558	1.073	1.668	0.645	0.029	0.933	0.378	0.090	0.030	0.179
07-jun	19	2.324	1.477	27.536	0.658	2.055	3.830	1.100	0.091	1.333	0.513	0.112	0.043	0.281
07-jun	20	4.615	2.083	37.430	0.840	2.905	5.564	1.421	0.137	2.214	0.868	0.138	0.150	0.296
07-jun	21	2.195	1.639	38.256	0.656	2.430	4.423	1.230	0.168	1.809	0.761	0.110	0.070	0.311
07-jun	22	2.074	1.471	33.215	0.520	2.378	4.859	1.042	0.104	1.879	0.771	0.105	0.043	0.273
07-jun	23	2.158	1.643	36.251	0.577	2.632	5.337	1.246	0.151	1.951	0.834	0.074	0.055	0.320
08-jun	00	2.685	1.583	53.018	0.569	3.612	6.987	1.205	0.094	2.267	0.960	0.107	0.061	0.385
08-jun	01	3.305	1.820	76.525	0.709	4.565	8.947	1.279	0.158	2.667	1.134	0.120	0.135	0.342
08-jun	02	2.282	0.852	44.805	0.404	2.691	4.863	0.555	0.087	1.133	0.419	0.077	0.044	0.176
08-jun	03	2.584	0.858	41.132	0.433	2.418	4.542	0.547	0.047	0.939	0.410	0.077	0.012	0.167
08-jun	04	2.343	0.546	46.156	0.324	2.631	5.106	0.573	0.016	1.292	0.669	0.101	0.078	0.194
08-jun	05	2.646	0.632	57.940	0.423	3.105	5.960	0.656	0.035	1.445	0.633	0.116	0.031	0.192
08-jun	06	3.539	1.300	82.180	0.620	4.155	7.601	0.808	0.052	1.537	0.674	0.095	0.027	0.257
08-jun	07	3.290	1.366	80.636	0.707	4.414	8.691	0.799	0.101	1.775	0.991	0.143	0.054	0.274
08-jun	08	3.605	2.272	82.936	1.078	4.985	9.984	1.555	0.116	2.225	0.973	0.266	0.055	0.315
08-jun	09	4.515	3.244	106.489	1.797	7.048	13.716	2.147	0.156	3.299	1.237	0.076	0.071	0.611

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
08-jun	17	1.490	1.479	15.463	1.147	2.055	2.670	0.797	0.173	1.491	0.591	0.103	0.048	0.120
08-jun	18	1.605	1.400	15.746	1.142	2.013	2.288	0.862	0.115	1.376	0.565	0.054	0.044	0.194
08-jun	19	1.461	1.123	12.509	0.731	1.255	1.830	0.723	0.059	1.279	0.483	0.125	0.061	0.226
08-jun	20	1.398	0.927	17.433	0.419	0.911	1.732	0.650	0.048	0.651	0.315	0.040	0.012	0.139
08-jun	21	2.029	1.487	28.368	0.807	1.499	3.204	0.945	0.070	1.843	0.709	0.091	0.061	0.293
08-jun	22	2.064	1.442	40.949	0.937	2.113	4.019	0.974	0.157	1.546	0.634	0.120	0.053	0.327
08-jun	23	1.605	1.107	29.323	0.657	1.668	3.213	0.736	0.053	1.117	0.445	0.106	0.067	0.236
09-jun	00	2.110	1.148	55.470	0.716	3.247	6.036	0.883	0.115	1.634	0.734	0.095	0.019	0.244
09-jun	01	3.499	1.748	108.403	1.098	5.772	11.268	1.151	0.215	2.817	1.216	0.139	0.117	0.364
09-jun	02	2.464	1.928	54.545	0.902	3.685	7.489	1.056	0.083	2.236	1.002	0.078	0.037	0.307
09-jun	03	4.407	1.819	87.014	0.830	4.073	7.931	1.102	0.112	2.362	1.220	0.118	0.081	0.296
09-jun	04	4.810	1.713	144.514	0.986	6.742	13.063	1.071	0.078	3.549	1.538	0.185	0.149	0.391
09-jun	05	5.506	1.891	199.604	1.216	8.658	16.334	1.126	0.112	4.140	1.664	0.174	0.173	0.449
09-jun	06	6.428	2.355	254.961	1.679	10.787	20.331	1.366	0.189	5.006	2.088	0.259	0.281	0.501
09-jun	07	6.446	2.532	259.707	2.087	10.447	18.843	1.492	0.200	4.917	1.893	0.289	0.375	0.532
09-jun	08	4.527	3.681	156.393	1.992	7.325	14.176	2.295	0.184	3.897	1.631	0.219	0.298	0.447
09-jun	09	4.808	3.153	131.690	1.837	7.428	14.499	2.173	0.134	3.828	1.442	0.124	0.093	0.424
09-jun	10	4.117	2.601	88.401	1.344	5.385	10.730	1.904	0.119	3.511	1.293	0.062	0.051	0.370
09-jun	11	3.578	2.247	71.398	1.167	4.736	9.185	1.745	0.110	2.964	1.164	0.055	0.055	0.319
09-jun	12	3.637	2.440	72.558	1.301	4.685	9.328	1.964	0.095	4.126	1.447	0.036	0.032	0.396
09-jun	13	2.263	1.516	35.535	1.121	2.673	4.852	1.091	0.061	2.650	0.896	0.062	0.058	0.283
09-jun	14	2.269	1.571	31.168	1.190	2.510	4.309	1.068	0.124	2.684	0.929	0.067	0.074	0.282
09-jun	15	2.434	1.842	32.563	1.441	3.187	5.226	1.313	0.153	3.468	1.304	0.081	0.106	0.333
09-jun	16	1.844	1.468	30.393	0.966	2.735	4.945	1.284	0.091	2.547	0.958	0.075	0.067	0.289
09-jun	17	1.941	1.298	28.414	0.912	2.377	4.138	1.094	0.081	2.287	0.865	0.091	0.083	0.307
09-jun	19	1.368	0.871	13.720	0.675	1.361	2.497	0.532	0.091	1.539	0.649	0.153	0.114	0.199
09-jun	20	2.007	2.017	46.012	1.086	3.066	5.930	1.406	0.158	2.556	1.144	0.161	0.107	0.374
09-jun	21	2.073	1.487	37.449	0.950	2.435	4.939	1.088	0.136	2.600	1.046	0.194	0.119	0.336
09-jun	22	3.093	2.751	89.592	1.425	5.659	11.562	2.060	0.141	4.182	1.750	0.203	0.143	0.502
09-jun	23	3.797	3.504	98.554	1.939	6.515	13.097	2.493	0.207	4.872	2.007	0.168	0.113	0.576
10-jun	00	4.016	3.119	113.444	1.780	7.403	14.838	2.269	0.285	4.635	1.872	0.157	0.072	0.580
10-jun	01	2.690	2.153	74.342	1.166	4.875	9.802	1.690	0.108	3.273	1.292	0.112	0.075	0.419
10-jun	02	3.420	1.592	80.658	1.151	4.674	9.220	1.045	0.102	2.672	1.245	0.194	0.098	0.354
10-jun	03	3.887	1.672	102.348	1.010	5.863	11.544	0.914	0.146	2.875	1.293	0.148	0.114	0.359

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
10-jun	04	3.086	1.278	57.451	0.594	3.664	7.389	0.659	0.100	1.792	0.838	0.118	0.056	0.230
10-jun	05	5.458	1.846	146.303	1.148	6.642	12.539	0.916	0.129	2.853	1.239	0.168	0.103	0.349
10-jun	06	5.978	1.892	203.007	1.554	10.281	19.626	1.194	0.141	4.017	1.779	0.204	0.172	0.459
10-jun	07	5.888	3.155	225.060	1.964	11.790	22.419	1.943	0.271	5.985	2.401	0.321	0.330	0.617
10-jun	08	6.927	4.013	253.243	2.458	11.819	22.763	2.788	0.291	6.746	2.821	0.329	0.437	0.690
10-jun	09	7.063	4.593	148.477	2.755	8.500	16.714	2.856	0.304	6.616	2.668	0.245	0.317	0.652
10-jun	16	1.814	1.233	11.548	1.082	1.595	1.890	0.535	0.119	1.543	0.636	0.066	0.036	0.227
10-jun	17	1.631	0.987	11.053	0.908	1.476	1.986	0.498	0.104	1.567	0.687	0.100	0.080	0.276
10-jun	18	1.880	0.977	12.089	0.663	1.409	2.204	0.580	0.059	1.544	0.674	0.111	0.103	0.217
10-jun	19	1.955	0.947	11.745	0.560	1.320	2.152	0.563	0.069	1.380	0.630	0.133	0.096	0.227
10-jun	20	1.858	0.902	15.101	0.500	1.384	2.637	0.577	0.053	1.417	0.598	0.103	0.054	0.215
10-jun	21	2.048	1.105	25.469	0.586	1.870	3.589	0.810	0.081	1.400	0.517	0.082	0.012	0.218
10-jun	22	2.271	1.318	27.094	0.829	2.045	4.291	0.931	0.074	2.216	0.911	0.121	0.079	0.223
10-jun	23	2.792	1.691	44.427	0.957	3.026	6.287	1.168	0.105	2.779	1.192	0.135	0.091	0.326
11-jun	01	2.962	0.938	20.255	0.412	1.603	3.509	0.536	0.093	1.547	0.650	0.087	0.012	0.253
11-jun	02	2.096	0.573	17.575	0.281	1.397	2.787	0.253	0.016	0.516	0.289	0.060	0.012	0.136
11-jun	03	2.316	0.580	15.859	0.289	1.333	2.930	0.331	0.048	1.162	0.500	0.114	0.012	0.170
11-jun	04	2.697	0.759	17.156	0.333	1.124	1.947	0.412	0.019	0.651	0.412	0.037	0.012	0.137
11-jun	05	2.635	0.778	18.371	0.331	1.115	2.159	0.433	0.072	0.500	0.333	0.036	0.012	0.151
11-jun	06	3.087	0.926	19.923	0.387	1.300	2.877	0.431	0.022	1.913	0.672	0.080	0.020	0.201
11-jun	07	2.772	0.963	21.594	0.542	1.419	3.031	0.620	0.037	2.085	0.738	0.104	0.024	0.238
11-jun	08	3.369	1.470	31.878	0.788	2.127	4.842	0.866	0.096	3.646	1.199	0.168	0.062	0.342
11-jun	09	3.160	1.599	23.300	0.755	1.824	4.250	1.119	0.056	3.139	0.950	0.134	0.108	0.303
11-jun	10	3.430	2.277	29.011	1.016	2.297	5.068	1.833	0.097	3.098	1.115	0.133	0.163	0.341
11-jun	11	2.749	2.444	29.950	1.235	2.304	4.758	1.671	0.082	1.954	0.806	0.123	0.085	0.288
11-jun	12	2.267	2.097	23.828	0.994	1.699	3.495	1.279	0.082	1.396	0.587	0.073	0.048	0.256
11-jun	13	1.833	1.860	20.935	1.072	1.589	3.084	1.070	0.051	1.468	0.629	0.045	0.046	0.185
11-jun	14	1.499	1.233	11.005	0.796	1.027	1.863	0.634	0.020	1.131	0.421	0.036	0.012	0.201
11-jun	15	1.767	1.583	12.448	1.133	1.384	2.557	0.996	0.044	2.018	0.696	0.060	0.015	0.248
11-jun	16	1.716	1.682	13.525	1.250	1.443	2.560	0.981	0.077	1.996	0.727	0.095	0.035	0.269
11-jun	17	1.660	1.510	13.823	1.353	1.532	2.657	0.883	0.096	2.134	0.787	0.080	0.031	0.239
11-jun	18	1.646	1.523	13.275	1.411	1.655	2.606	0.804	0.148	2.248	0.847	0.075	0.052	0.306
11-jun	19	1.537	1.109	12.738	0.819	1.241	2.094	0.654	0.128	1.487	0.676	0.090	0.064	0.217
11-jun	20	1.520	1.127	16.559	0.625	1.223	2.459	0.730	0.040	1.415	0.600	0.082	0.074	0.247

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
11-jun	21	1.281	0.766	14.631	0.432	1.028	2.024	0.476	0.041	0.839	0.374	0.069	0.012	0.210
11-jun	22	1.316	0.654	12.425	0.448	0.999	2.163	0.410	0.034	1.598	0.554	0.086	0.027	0.222
11-jun	23	1.228	0.549	13.666	0.350	1.068	2.450	0.334	0.023	1.517	0.521	0.109	0.062	0.203
12-jun	00	1.059	0.372	11.124	0.079	0.890	1.390	0.184	0.016	0.458	0.199	0.050	0.012	0.153
12-jun	01	1.655	0.508	16.478	0.357	1.117	2.508	0.379	0.016	1.632	0.517	0.111	0.038	0.225
12-jun	02	1.655	0.442	16.375	0.340	1.080	2.614	0.410	0.016	1.456	0.516	0.111	0.047	0.218
12-jun	03	1.731	0.439	21.522	0.301	1.194	2.418	0.248	0.029	0.768	0.315	0.072	0.012	0.159
12-jun	04	1.587	0.341	17.076	0.196	0.986	1.928	0.189	0.016	0.554	0.246	0.037	0.012	0.141
12-jun	05	1.904	0.433	22.015	0.295	1.226	2.230	0.255	0.032	0.485	0.262	0.058	0.012	0.080
12-jun	06	1.334	0.649	20.940	0.364	1.144	2.209	0.345	0.016	0.595	0.364	0.037	0.012	0.141
12-jun	07	2.113	1.135	23.709	0.587	1.534	3.760	0.669	0.036	3.004	0.872	0.153	0.140	0.277
12-jun	08	2.827	1.773	26.741	0.808	2.079	5.352	1.062	0.075	4.329	1.274	0.220	0.253	0.347
12-jun	15	1.105	1.226	7.749	1.008	1.126	1.643	0.509	0.117	1.484	0.550	0.076	0.049	0.210
12-jun	16	1.243	1.548	8.174	1.354	1.171	1.505	0.525	0.092	1.160	0.436	0.092	0.066	0.187
12-jun	17	1.381	1.465	9.042	1.406	1.351	1.753	0.452	0.082	1.443	0.605	0.096	0.053	0.213
12-jun	18	1.159	1.091	8.194	1.000	1.168	1.581	0.420	0.082	1.248	0.500	0.088	0.031	0.228
12-jun	19	1.240	0.853	8.871	0.655	0.960	1.500	0.454	0.047	1.014	0.431	0.131	0.045	0.191
12-jun	20	1.196	0.783	11.973	0.493	1.062	1.775	0.443	0.021	1.019	0.383	0.070	0.032	0.195
12-jun	21	1.642	0.787	11.420	0.408	1.009	1.846	0.571	0.043	0.977	0.398	0.076	0.019	0.149
12-jun	22	1.844	0.767	12.307	0.467	0.999	2.083	0.517	0.029	1.309	0.491	0.082	0.023	0.222
12-jun	23	1.921	0.608	12.173	0.423	0.912	1.877	0.387	0.069	0.862	0.361	0.072	0.012	0.148
13-jun	00	1.965	0.601	10.627	0.309	0.812	1.593	0.271	0.016	0.730	0.350	0.064	0.012	0.103
13-jun	01	2.389	0.756	12.361	0.502	0.913	1.982	0.298	0.016	1.201	0.568	0.059	0.012	0.135
13-jun	02	2.605	0.719	14.032	0.540	1.046	2.258	0.237	0.054	1.274	0.571	0.046	0.091	0.157
13-jun	03	2.392	0.440	13.227	0.355	0.941	2.242	0.231	0.016	1.615	0.614	0.055	0.012	0.195
13-jun	04	3.039	0.740	20.973	0.545	1.304	2.794	0.239	0.016	1.797	0.721	0.103	0.012	0.196
13-jun	05	3.351	1.107	20.252	0.525	1.223	2.698	0.281	0.016	1.346	0.646	0.079	0.012	0.135
13-jun	06	3.380	0.970	21.275	0.475	1.456	3.259	0.313	0.085	2.516	0.885	0.133	0.041	0.212
13-jun	07	3.580	1.229	26.694	0.606	2.011	5.547	0.654	0.061	6.538	1.827	0.228	0.024	0.420
13-jun	08	3.430	1.432	34.084	0.756	2.353	5.377	0.836	0.064	3.872	1.237	0.118	0.032	0.347
13-jun	09	3.495	1.540	32.028	0.931	2.249	5.155	0.947	0.074	3.731	1.167	0.078	0.027	0.312
13-jun	10	3.752	1.957	33.637	1.085	2.446	5.501	1.310	0.087	4.145	1.319	0.082	0.012	0.360
13-jun	11	3.284	1.653	27.977	1.029	2.149	4.829	0.997	0.073	3.236	1.046	0.036	0.012	0.296
13-jun	12	2.952	1.694	21.768	1.005	1.816	4.322	1.001	0.042	3.198	0.973	0.036	0.025	0.310

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
13-jun	13	2.666	1.531	20.236	0.941	1.725	3.583	0.999	0.066	2.623	0.895	0.053	0.012	0.269
13-jun	14	2.301	1.496	23.069	1.080	2.010	3.613	1.079	0.055	1.928	0.736	0.063	0.012	0.288
13-jun	15	2.016	1.579	18.856	1.414	2.036	3.221	0.966	0.159	2.122	0.768	0.100	0.068	0.248
13-jun	16	1.619	1.621	12.021	1.791	1.678	2.280	0.609	0.114	1.714	0.568	0.039	0.022	0.213
13-jun	17	1.522	1.523	10.998	1.681	1.740	2.407	0.533	0.155	2.050	0.785	0.087	0.015	0.257
13-jun	18	1.535	1.192	10.438	1.158	1.477	2.052	0.507	0.132	1.650	0.647	0.042	0.035	0.221
13-jun	19	1.496	0.795	10.808	0.613	1.235	1.977	0.453	0.028	1.235	0.487	0.085	0.043	0.193
13-jun	20	1.587	0.858	14.076	0.479	1.276	2.418	0.580	0.071	1.098	0.460	0.158	0.021	0.200
13-jun	21	1.964	0.982	17.583	0.615	1.360	2.647	0.604	0.036	1.077	0.600	0.095	0.037	0.196
13-jun	22	2.242	0.954	17.095	0.569	1.197	2.354	0.622	0.061	1.019	0.422	0.069	0.012	0.189
13-jun	23	2.125	0.754	15.273	0.408	1.137	2.449	0.488	0.016	1.159	0.459	0.103	0.012	0.203
14-jun	01	2.282	0.895	21.930	0.443	1.295	2.668	0.560	0.031	1.016	0.464	0.065	0.012	0.181
14-jun	02	2.530	0.910	25.700	0.478	1.545	3.060	0.532	0.024	1.171	0.494	0.059	0.012	0.210
14-jun	03	2.220	0.701	21.974	0.354	1.341	2.569	0.401	0.107	0.841	0.458	0.050	0.012	0.167
14-jun	04	2.389	0.802	27.011	0.438	1.604	3.058	0.417	0.066	0.974	0.511	0.045	0.012	0.186
14-jun	05	2.399	0.697	30.115	0.390	1.643	3.148	0.316	0.016	1.054	0.543	0.102	0.012	0.132
14-jun	06	2.735	0.937	39.174	0.544	2.154	3.970	0.435	0.055	1.400	0.757	0.045	0.016	0.201
14-jun	07	3.117	1.041	43.951	0.617	2.234	4.257	0.464	0.058	1.507	0.842	0.081	0.033	0.199
14-jun	08	4.085	2.068	59.575	1.199	3.184	5.936	0.986	0.085	2.438	1.077	0.107	0.061	0.290
14-jun	09	3.683	2.053	53.449	1.113	3.115	6.133	0.969	0.103	2.584	1.043	0.108	0.069	0.296
14-jun	10	4.356	2.414	64.620	1.264	3.831	7.545	1.267	0.102	2.818	1.079	0.077	0.013	0.329
14-jun	11	4.449	2.593	70.096	1.383	4.407	8.991	1.502	0.179	3.619	1.268	0.048	0.022	0.373
14-jun	12	3.959	2.123	56.205	1.088	3.811	7.674	1.328	0.061	3.673	1.265	0.050	0.061	0.367
14-jun	13	3.620	1.847	38.612	1.130	2.735	5.205	1.189	0.045	2.564	0.913	0.067	0.017	0.269
14-jun	14	2.064	1.259	17.226	1.125	1.742	2.859	0.675	0.065	1.877	0.739	0.095	0.020	0.223
14-jun	15	1.545	1.143	8.553	1.315	1.257	1.557	0.449	0.088	1.268	0.425	0.071	0.023	0.195
14-jun	16	2.191	1.794	8.702	1.788	1.548	1.781	0.511	0.093	1.445	0.557	0.082	0.036	0.200
14-jun	17	1.674	1.216	6.762	1.377	1.386	1.589	0.325	0.114	1.396	0.526	0.084	0.051	0.184
14-jun	18	1.739	1.411	7.424	1.447	1.301	1.439	0.282	0.110	1.034	0.420	0.072	0.053	0.176
14-jun	19	1.544	0.827	8.199	0.712	0.945	1.247	0.310	0.070	0.792	0.350	0.037	0.016	0.145
14-jun	20	1.682	0.692	12.655	0.665	1.214	2.377	0.428	0.054	1.897	0.866	0.126	0.142	0.257
14-jun	21	1.728	0.714	17.324	0.484	1.410	3.082	0.491	0.098	1.821	0.799	0.142	0.096	0.268
14-jun	22	1.927	0.979	18.917	0.538	1.696	3.547	0.638	0.087	2.125	0.880	0.154	0.090	0.244
14-jun	23	2.207	1.184	21.885	0.565	1.782	3.678	0.774	0.072	1.632	0.662	0.068	0.030	0.237

Fecha	Hora	etano	etileno	propano	propileno	iso-butano	n-butano	acetileno	1-buteno	isopentano	n-pentano	trans-2-penteno	1-penteno	2,3-dimetilbutano
15-jun	00	2.584	1.152	23.052	0.548	1.821	4.145	0.659	0.069	2.383	0.940	0.158	0.097	0.268
15-jun	01	2.738	1.260	28.874	0.737	2.375	6.773	0.726	0.122	5.123	1.708	0.239	0.097	0.398
15-jun	02	2.664	1.151	28.078	0.513	2.478	8.417	0.682	0.093	8.229	2.405	0.272	0.116	0.550
15-jun	03	2.503	1.248	25.649	0.557	1.717	3.696	0.652	0.084	1.705	0.745	0.161	0.066	0.214
15-jun	04	2.730	1.299	28.754	0.541	1.642	3.327	0.430	0.031	1.230	0.616	0.089	0.023	0.141
15-jun	05	3.561	2.169	24.855	1.177	1.579	2.887	0.470	0.043	1.393	0.682	0.060	0.051	0.136
15-jun	06	2.979	1.892	19.714	0.952	1.403	2.622	0.508	0.050	1.458	0.649	0.049	0.049	0.188
15-jun	07	3.310	2.178	25.456	1.150	1.765	3.404	0.723	0.066	1.755	0.780	0.074	0.021	0.236
15-jun	08	2.890	2.024	24.269	0.993	1.918	3.755	0.793	0.107	1.883	0.762	0.086	0.012	0.241
15-jun	10	4.413	4.646	40.448	2.168	3.192	7.256	1.864	0.256	4.700	1.654	0.177	0.137	0.466

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
01-may	10	1.090	0.701	0.814	1.693	1.836	0.567	1.192	0.616	14.399	1.029	0.667	1.791
01-may	11	0.846	1.402	0.621	1.432	1.100	0.350	1.116	0.594	11.794	0.327	0.474	0.882
01-may	12	0.867	1.441	0.659	1.391	1.042	0.340	1.213	0.495	12.352	0.731	0.521	1.174
01-may	13	0.973	2.734	0.803	1.570	1.264	0.424	1.495	0.601	13.035	0.513	0.533	0.791
01-may	14	0.662	0.920	0.614	1.311	1.068	0.298	1.079	0.539	11.782	0.807	0.463	0.890
01-may	15	0.158	2.150	0.265	0.537	0.802	0.122	0.344	0.286	9.677	0.195	0.316	0.504
01-may	16	0.564	0.372	0.389	0.723	0.888	0.193	0.626	0.365	10.431	0.589	0.346	0.491
01-may	18	0.587	0.103	0.557	1.215	0.895	0.215	0.610	0.301	11.057	0.241	0.373	0.499
01-may	19	0.333	0.311	0.300	0.801	0.842	0.169	0.505	0.191	10.457	0.397	0.381	0.530
01-may	20	0.780	0.793	0.507	1.153	0.991	0.357	1.177	0.542	12.057	0.979	0.539	0.787
01-may	21	1.883	0.435	1.283	1.979	1.382	0.814	2.328	1.008	15.015	0.859	0.874	1.460
01-may	22	1.910	0.382	1.308	2.370	1.551	0.831	2.615	1.160	17.086	1.715	1.149	1.698
01-may	23	1.335	0.121	0.919	1.531	1.222	0.504	1.500	0.612	13.179	0.655	0.556	1.035
02-may	00	1.205	0.201	0.836	1.538	1.245	0.462	1.639	0.688	13.490	1.405	0.725	1.001
02-may	01	1.644	0.192	1.221	2.108	1.478	0.627	1.988	0.893	15.115	0.565	0.631	1.350
02-may	02	1.755	0.232	1.292	2.641	1.393	0.629	2.081	1.037	15.587	0.553	0.660	1.293

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
02-may	03	1.965	0.259	1.362	2.735	1.504	0.693	2.203	0.922	16.801	0.610	0.692	1.298
02-may	04	1.911	0.296	1.351	2.942	1.487	0.637	2.107	0.870	17.639	0.634	0.691	1.375
02-may	05	1.720	0.204	1.241	2.472	1.279	0.642	2.078	1.051	17.145	0.589	0.661	1.228
02-may	06	1.619	0.226	1.285	2.456	1.139	0.662	1.947	0.953	16.933	0.603	0.619	1.082
02-may	07	1.549	0.242	1.270	2.392	1.379	0.657	2.032	0.833	16.445	0.588	0.607	1.242
02-may	08	1.971	0.315	1.496	2.900	1.400	0.746	2.398	1.075	17.872	0.652	0.689	1.511
02-may	09	2.449	0.471	1.807	3.035	1.685	0.990	3.246	1.183	19.911	1.044	1.153	1.929
02-may	10	1.729	0.424	1.263	1.996	1.644	0.754	2.553	0.909	15.974	0.590	0.691	1.462
02-may	11	2.897	0.575	2.133	3.541	2.265	1.276	4.047	1.491	21.094	1.104	1.053	2.159
02-may	12	1.763	1.101	1.367	3.212	1.671	0.739	2.530	0.879	15.997	0.606	0.722	1.928
02-may	13	0.984	1.409	0.724	1.887	1.247	0.388	1.329	0.589	12.438	0.419	0.467	0.782
02-may	14	0.715	1.892	0.657	1.756	1.015	0.232	0.860	0.458	10.886	0.428	0.452	0.690
02-may	15	0.412	1.906	0.491	1.109	0.977	0.179	0.561	0.374	10.616	0.876	0.418	0.493
02-may	16	0.349	2.177	0.481	0.967	0.897	0.153	0.484	0.301	10.189	0.279	0.328	0.516
02-may	17	0.338	2.421	0.401	1.140	0.843	0.145	0.424	0.265	10.094	0.522	0.378	0.603
02-may	18	0.416	2.025	0.411	0.985	0.910	0.180	0.609	0.380	10.022	0.353	0.375	0.719
02-may	19	0.225	1.165	0.332	0.716	0.805	0.113	0.400	0.188	9.470	0.216	0.425	0.937
02-may	20	0.592	1.369	0.506	1.013	0.925	0.249	0.594	0.499	10.316	0.276	0.380	0.747
02-may	21	0.896	0.352	0.679	1.010	1.146	0.401	1.059	0.569	11.746	1.054	0.679	1.950
02-may	22	0.424	0.196	0.276	1.095	0.853	0.153	0.801	0.451	9.527	0.388	0.353	0.492
02-may	23	0.522	0.271	0.358	0.711	1.035	0.281	0.698	0.412	9.981	0.405	0.402	0.626
03-may	00	0.966	0.247	0.705	1.573	1.249	0.486	1.425	0.565	12.433	0.934	0.654	0.987
03-may	01	1.022	0.173	0.841	1.370	1.148	0.441	1.560	0.757	13.606	0.562	0.574	1.016
03-may	02	1.166	0.195	0.864	1.470	1.366	0.441	1.215	0.668	13.707	0.555	0.574	0.803
03-may	03	1.196	0.275	0.838	1.772	1.204	0.440	1.331	0.601	14.232	0.728	0.679	0.850
03-may	04	1.197	0.275	0.825	1.852	1.158	0.431	1.308	0.582	14.404	0.522	0.557	0.983
03-may	05	1.125	0.326	0.816	1.461	1.219	0.447	1.305	0.667	14.475	0.583	0.662	0.960
03-may	06	1.039	0.218	0.876	1.820	1.166	0.419	1.414	0.607	14.496	0.428	0.555	1.042
03-may	07	1.256	0.168	0.885	1.983	1.328	0.520	1.563	0.739	15.381	0.678	0.662	1.105
03-may	08	1.634	0.335	1.275	2.274	1.354	0.695	2.323	0.979	16.184	0.609	0.653	1.431

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
03-may	09	1.845	0.570	1.302	2.204	1.447	0.727	2.369	0.920	16.027	0.562	0.686	1.573
03-may	10	1.798	0.533	1.224	2.334	1.607	0.740	2.682	0.940	16.329	0.617	0.729	1.584
03-may	11	1.013	0.989	0.666	1.888	1.247	0.467	1.718	0.657	12.409	0.403	0.520	0.981
03-may	12	0.972	1.614	0.738	2.180	1.192	0.385	1.615	0.487	12.034	0.342	0.495	0.929
03-may	13	0.570	1.914	0.576	1.646	0.942	0.286	0.913	0.343	10.536	0.417	0.410	0.653
03-may	14	0.337	2.452	0.412	1.143	0.841	0.150	0.485	0.276	9.423	0.255	0.352	0.932
03-may	15	0.454	2.327	0.385	1.284	0.838	0.158	0.629	0.235	9.941	0.355	0.335	0.487
03-may	16	0.255	2.415	0.332	0.538	0.741	0.099	0.319	0.185	9.278	0.294	0.276	0.442
03-may	17	0.470	2.068	0.436	0.791	0.828	0.131	0.410	0.256	9.536	0.237	0.336	0.552
03-may	18	0.278	1.746	0.296	0.855	0.973	0.178	0.338	0.220	9.167	0.285	0.327	0.596
03-may	19	0.367	1.209	0.427	1.019	0.827	0.145	0.406	0.324	9.096	0.299	0.335	0.431
03-may	20	0.456	0.396	0.334	0.515	0.778	0.194	0.523	0.290	9.423	0.251	0.496	0.522
03-may	21	0.430	0.200	0.303	1.069	0.868	0.217	0.545	0.461	9.279	0.352	0.324	0.983
03-may	22	0.737	0.317	0.439	0.929	0.898	0.222	0.775	0.406	9.417	0.403	0.413	0.470
03-may	23	0.857	0.285	0.642	0.810	0.896	0.246	0.719	0.373	9.747	0.480	0.353	0.569
11-may	16	0.548	0.859	1.744	0.670	2.911	0.936	0.960	0.329	15.683	0.542	1.259	2.700
11-may	17	0.133	0.500	0.098	0.425	0.756	0.090	0.320	0.084	10.452	0.213	0.360	0.724
11-may	18	0.463	3.089	0.550	0.760	0.791	0.200	0.757	0.208	10.247	0.318	0.360	0.783
11-may	19	0.758	0.278	0.097	0.823	1.072	0.242	1.069	0.344	10.870	0.223	0.382	0.747
11-may	20	0.504	0.126	0.352	0.531	0.946	0.237	0.950	0.344	9.967	0.263	0.419	0.709
11-may	21	0.542	0.096	0.448	0.664	1.105	0.307	0.904	0.331	10.572	0.283	0.378	0.678
11-may	22	0.656	0.150	0.491	0.782	0.978	0.294	1.108	0.370	10.960	0.404	0.496	0.696
11-may	23	0.751	0.115	0.532	0.973	1.014	0.309	1.092	0.396	10.975	0.506	0.524	1.040
12-may	00	1.231	0.148	0.954	1.469	1.300	0.486	1.332	0.495	13.469	0.606	0.537	1.163
12-may	02	0.894	0.279	0.719	1.283	1.354	0.404	1.044	0.462	12.234	0.273	0.435	1.285
13-may	11	0.135	0.059	1.178	1.556	1.980	0.657	1.952	0.506	15.691	0.840	0.554	1.900
13-may	12	0.388	1.167	0.244	0.503	0.930	0.184	0.597	0.267	9.915	0.254	0.418	0.456
13-may	13	0.395	8.737	0.384	0.472	0.865	0.168	0.444	0.183	10.363	0.199	0.324	0.775
13-may	14	0.454	2.208	0.224	0.272	0.894	0.126	0.365	0.169	9.010	0.267	0.323	0.710
13-may	15	0.135	1.768	0.151	0.186	0.972	0.148	0.322	0.172	8.804	0.217	0.260	0.406

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
13-may	16	0.227	2.053	0.307	0.323	0.822	0.197	0.537	0.232	9.287	0.250	0.346	0.794
13-may	17	0.308	1.508	0.150	0.330	0.851	0.165	0.382	0.191	9.233	0.211	0.349	0.378
13-may	18	0.212	1.624	0.188	0.302	1.029	0.183	0.389	0.209	9.279	0.261	0.333	0.427
13-may	19	0.135	0.750	0.099	0.138	0.905	0.107	0.303	0.115	8.619	0.172	0.307	0.350
13-may	20	0.485	0.436	0.119	0.229	1.110	0.251	0.365	0.115	8.970	0.186	0.334	0.333
13-may	21	0.522	0.310	0.334	0.626	1.041	0.227	0.651	0.225	9.957	0.254	0.408	0.783
13-may	23	0.831	0.429	0.569	1.345	1.232	0.313	0.884	0.359	10.778	0.328	0.453	0.839
14-may	00	0.547	0.272	0.364	0.861	1.040	0.258	0.645	0.331	10.174	0.302	0.381	0.629
14-may	01	0.411	0.384	0.303	0.810	0.953	0.185	0.450	0.226	9.513	0.280	0.431	0.701
14-may	02	0.470	0.182	0.275	0.676	0.940	0.181	0.427	0.259	9.734	0.206	0.398	0.444
14-may	03	0.844	0.363	0.600	1.229	1.099	0.310	0.864	0.366	11.942	0.501	0.596	0.874
14-may	04	1.078	0.266	0.855	1.697	1.161	0.558	1.178	0.417	13.972	1.237	0.753	1.088
14-may	05	1.241	0.253	0.890	1.821	1.187	0.471	1.236	0.504	14.307	0.443	0.398	0.924
14-may	06	1.444	0.229	1.144	2.401	1.179	0.503	1.399	0.678	15.401	0.801	0.865	1.331
14-may	07	2.237	0.266	1.606	3.293	1.601	0.874	2.573	0.858	18.948	1.029	0.899	1.688
14-may	08	2.468	0.394	1.913	4.104	1.527	0.839	2.732	1.069	19.042	0.900	0.913	1.679
14-may	09	2.518	1.017	1.819	3.201	1.731	0.967	3.237	1.110	18.155	1.030	1.196	2.118
14-may	10	1.327	0.642	0.793	1.401	1.310	0.486	1.545	0.632	16.412	0.317	0.512	0.915
14-may	11	1.314	0.942	0.929	1.697	1.312	0.511	1.517	0.599	13.092	0.596	0.634	1.040
14-may	12	0.591	1.201	0.380	0.863	1.085	0.223	0.838	0.386	10.312	0.238	0.378	1.043
14-may	13	0.176	2.021	0.100	0.411	1.079	0.069	0.304	0.245	8.902	0.260	0.268	0.832
14-may	14	0.340	2.548	0.313	0.434	0.975	0.186	0.449	0.207	9.941	0.196	0.307	0.527
14-may	15	0.395	1.858	0.325	0.447	1.111	0.196	0.546	0.242	10.158	0.219	0.335	0.519
14-may	16	0.208	1.442	0.261	0.229	1.021	0.137	0.374	0.177	9.544	0.176	0.377	0.607
14-may	18	0.339	0.597	0.103	0.213	0.943	0.149	0.550	0.190	9.997	0.207	0.388	0.477
14-may	19	0.905	0.406	0.643	1.017	1.206	0.456	1.309	0.484	12.184	0.553	0.635	1.014
14-may	20	0.602	0.522	0.331	0.582	1.067	0.226	0.770	0.249	10.069	0.211	0.392	0.845
14-may	21	0.784	0.482	0.523	1.139	1.178	0.397	0.945	0.416	10.983	0.552	0.427	0.937
14-may	22	0.964	0.414	0.664	1.009	1.244	0.411	1.252	0.505	12.443	0.368	0.492	0.869
14-may	23	1.385	0.195	0.894	1.405	1.404	0.571	1.807	0.551	13.079	0.664	0.757	1.564

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
15-may	00	1.889	0.218	1.344	2.112	1.663	0.915	2.550	1.005	15.653	0.551	0.582	1.458
15-may	01	0.517	0.179	0.305	0.607	1.051	0.222	0.586	0.189	10.193	0.231	0.375	0.608
15-may	02	0.692	0.212	0.455	1.270	1.066	0.314	0.914	0.370	11.459	0.464	0.485	0.653
15-may	03	0.876	0.214	0.577	1.279	1.085	0.339	1.120	0.414	12.020	0.478	0.583	0.965
15-may	04	1.131	0.140	0.800	1.524	1.309	0.488	1.289	0.583	13.064	0.640	0.667	1.000
15-may	05	1.539	0.180	1.137	2.080	1.341	0.573	1.842	0.714	15.688	0.851	0.895	1.541
15-may	06	1.608	0.234	1.194	2.233	1.369	0.573	1.826	0.879	16.776	0.872	0.843	1.359
15-may	07	2.335	0.219	1.474	2.699	1.537	0.730	2.374	0.908	16.888	0.882	0.829	1.777
15-may	08	4.807	0.810	3.241	4.243	2.434	1.780	6.009	1.758	21.153	1.502	1.749	3.178
15-may	09	3.621	0.917	2.303	3.590	1.858	1.039	3.543	1.183	17.581	0.967	0.826	1.869
15-may	10	1.901	0.880	1.368	2.906	1.569	0.674	2.236	0.813	16.090	1.822	0.975	1.733
15-may	11	0.901	1.322	0.662	1.763	1.304	0.402	1.320	0.541	12.322	0.539	0.502	0.827
15-may	12	0.378	1.479	0.292	0.911	0.928	0.201	0.582	0.285	10.284	0.223	0.289	0.500
15-may	14	0.285	1.277	0.238	0.582	0.943	0.161	0.507	0.213	9.447	0.198	0.384	0.397
15-may	15	0.301	1.806	0.338	0.574	0.935	0.150	0.431	0.232	9.896	0.199	0.368	0.860
15-may	16	0.348	1.128	0.261	0.491	0.988	0.187	0.585	0.193	9.879	0.319	0.434	1.125
15-may	17	0.462	0.509	0.347	0.556	1.046	0.225	0.636	0.299	10.798	0.392	0.338	0.514
15-may	18	0.266	1.028	0.162	0.471	0.948	0.142	0.415	0.146	9.584	0.218	0.345	0.504
15-may	19	0.132	0.745	0.160	0.210	0.986	0.117	0.480	0.200	8.883	0.207	0.296	0.404
15-may	20	0.239	0.621	0.097	0.203	1.134	0.094	0.430	0.201	9.023	0.332	0.311	0.442
15-may	21	0.524	0.472	0.314	0.673	1.047	0.191	0.653	0.328	9.442	0.237	0.383	0.542
15-may	22	0.942	0.518	0.641	1.142	1.104	0.350	1.054	0.428	10.603	0.328	0.439	0.892
15-may	23	0.382	0.313	0.223	0.556	0.944	0.199	0.546	0.311	9.269	0.509	0.301	0.458
16-may	00	0.788	0.271	0.476	0.828	0.956	0.322	1.045	0.374	10.889	0.355	0.445	0.790
16-may	01	1.087	0.307	0.672	1.251	1.070	0.433	1.227	0.546	12.436	0.702	0.828	1.127
16-may	02	1.877	0.340	1.296	2.562	1.424	0.718	2.343	0.955	18.418	1.226	1.292	1.918
16-may	03	1.718	0.250	1.167	1.650	1.280	0.640	1.931	0.726	14.263	0.513	0.610	1.298
16-may	04	1.627	0.214	1.123	2.244	1.275	0.635	2.048	1.011	15.157	0.471	0.606	1.360
16-may	05	1.777	0.244	1.276	2.359	1.251	0.601	1.826	0.811	16.082	0.527	0.593	1.354
16-may	07	1.841	0.286	1.336	2.700	1.467	0.663	2.048	0.926	16.265	0.457	0.607	1.360

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
16-may	08	1.186	0.199	0.769	1.580	1.032	0.456	1.632	0.580	12.783	0.419	0.553	0.978
16-may	09	1.031	0.504	0.689	1.878	1.106	0.461	1.573	0.702	11.670	0.446	0.630	0.926
16-may	10	0.550	0.677	0.327	0.695	0.989	0.331	1.157	0.547	9.751	0.265	0.384	0.527
16-may	11	0.358	0.902	0.181	0.308	1.009	0.156	0.479	0.270	8.691	0.203	0.355	0.421
16-may	12	0.287	1.239	0.135	0.342	0.791	0.145	0.573	0.204	8.726	0.184	0.355	0.370
16-may	13	0.308	1.983	0.196	0.288	0.743	0.081	0.442	0.083	8.744	0.174	0.126	0.956
16-may	14	0.226	2.893	0.163	0.197	0.750	0.069	0.318	0.108	8.314	0.260	0.280	0.345
16-may	15	0.289	2.994	0.245	0.365	0.760	0.134	0.372	0.177	8.531	0.195	0.268	0.371
16-may	16	0.300	1.080	0.266	0.302	0.990	0.148	0.437	0.222	9.206	0.206	0.335	0.577
16-may	17	0.228	1.083	0.137	0.197	0.794	0.106	0.386	0.122	8.692	0.184	0.309	0.556
16-may	18	0.131	2.125	0.096	0.161	0.738	0.073	0.205	0.132	8.290	0.230	0.264	0.357
16-may	19	0.131	1.148	0.096	0.134	0.894	0.079	0.181	0.082	8.084	0.313	0.255	0.256
16-may	20	0.258	0.529	0.163	0.305	0.796	0.137	0.437	0.189	8.375	0.218	0.320	0.365
16-may	21	0.176	0.222	0.118	0.138	0.752	0.112	0.369	0.158	8.408	0.363	0.370	0.332
16-may	22	0.186	0.276	0.111	0.303	0.790	0.120	0.342	0.103	8.281	0.184	0.285	0.377
16-may	23	0.649	0.343	0.377	0.743	0.930	0.253	0.785	0.319	9.934	0.226	0.445	0.574
17-may	00	1.052	0.387	0.646	1.525	1.043	0.426	1.233	0.509	11.682	0.553	0.633	0.875
17-may	01	1.129	0.345	0.728	1.566	1.165	0.445	1.588	0.692	12.136	0.567	0.747	1.244
17-may	02	1.044	0.318	0.663	1.341	1.053	0.456	1.354	0.519	12.126	0.391	0.534	0.837
17-may	03	1.193	0.244	0.959	1.539	1.262	0.644	1.568	0.592	14.343	0.670	0.764	1.225
17-may	04	1.138	0.250	0.721	1.586	1.221	0.499	1.227	0.542	13.353	0.451	0.480	0.795
17-may	05	0.421	0.146	0.212	0.926	0.846	0.175	0.588	0.315	9.943	0.359	0.417	0.557
17-may	06	0.540	0.130	0.314	0.919	0.778	0.233	0.764	0.384	10.114	0.271	0.384	0.460
17-may	07	0.785	0.184	0.483	1.143	0.864	0.331	0.965	0.462	11.278	0.304	0.458	0.683
17-may	08	1.164	0.473	0.802	1.660	1.168	0.424	1.551	0.602	13.105	0.492	0.507	1.102
17-may	09	1.451	0.994	1.050	2.298	1.362	0.561	2.089	0.755	15.307	0.781	0.744	1.280
17-may	10	0.433	1.072	0.214	0.680	1.379	0.193	0.727	0.421	9.095	0.274	0.386	0.623
17-may	11	0.512	1.465	0.422	0.810	1.206	0.268	0.776	0.413	9.491	0.279	0.406	0.715
17-may	12	0.540	1.793	0.382	0.922	1.114	0.236	0.750	0.303	9.461	0.541	0.463	0.580
17-may	13	0.443	2.223	0.355	0.790	1.009	0.167	0.721	0.274	9.307	0.266	0.361	0.837

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
17-may	14	0.338	2.028	0.283	0.483	1.008	0.137	0.519	0.195	8.939	0.259	0.322	0.434
17-may	15	0.246	2.040	0.238	0.290	0.966	0.094	0.434	0.254	8.747	0.232	0.254	0.466
17-may	17	0.332	1.871	0.292	0.461	0.877	0.124	0.478	0.182	8.853	0.198	0.324	0.425
17-may	18	0.297	1.853	0.225	0.332	0.873	0.138	0.531	0.233	8.786	0.200	0.319	0.470
17-may	19	0.379	1.561	0.224	0.507	1.050	0.199	0.721	0.268	9.055	0.238	0.363	0.442
17-may	20	0.500	0.731	0.389	0.817	1.084	0.211	0.763	0.222	9.346	0.243	0.368	0.473
17-may	21	0.496	0.523	0.347	0.779	1.072	0.200	0.943	0.359	9.404	0.296	0.349	0.511
17-may	22	0.777	0.247	0.565	1.263	1.095	0.300	1.089	0.433	10.670	0.328	0.447	0.657
17-may	23	0.629	0.142	0.393	1.331	1.074	0.250	0.986	0.490	10.191	0.312	0.366	0.591
18-may	00	0.310	0.164	0.223	0.621	0.947	0.177	0.582	0.219	9.002	0.276	0.364	0.477
18-may	01	0.223	0.190	0.099	0.408	0.861	0.129	0.411	0.216	8.667	0.225	0.324	0.424
18-may	02	0.219	0.290	0.100	0.329	0.811	0.125	0.364	0.197	8.532	0.176	0.317	0.335
18-may	03	0.190	0.121	0.099	0.385	0.842	0.130	0.254	0.181	8.546	0.346	0.130	0.430
18-may	04	0.525	0.299	0.371	0.612	0.952	0.173	0.407	0.328	8.822	0.207	0.294	0.516
18-may	05	0.639	0.171	0.352	0.888	0.932	0.178	0.447	0.310	9.240	0.266	0.334	0.791
18-may	06	0.495	0.135	0.314	0.711	0.998	0.250	0.636	0.372	9.839	0.254	0.367	0.664
18-may	07	0.778	0.166	0.532	1.377	0.987	0.294	0.846	0.479	10.361	0.393	0.271	0.789
18-may	08	1.216	0.326	0.851	1.510	1.333	0.481	1.480	0.676	11.917	0.596	0.659	1.159
18-may	09	1.266	0.556	0.799	1.577	1.419	0.523	1.766	0.609	12.190	0.572	0.636	1.027
18-may	10	0.811	0.469	0.584	0.872	1.198	0.393	1.483	0.474	10.728	0.349	0.492	0.781
18-may	11	0.766	1.038	0.496	0.831	1.115	0.391	1.208	0.440	10.696	0.438	0.547	0.733
18-may	13	1.055	2.036	0.825	1.487	1.281	0.402	1.268	0.476	11.278	0.327	0.460	0.924
18-may	14	0.841	2.406	0.670	1.343	1.025	0.343	1.120	0.437	11.119	0.621	0.525	0.863
18-may	15	0.561	2.526	0.485	1.047	0.832	0.218	0.712	0.311	9.746	0.248	0.350	0.488
18-may	16	0.530	2.752	0.470	0.910	0.828	0.194	0.679	0.352	9.449	0.203	0.320	0.511
18-may	17	0.510	2.726	0.414	0.887	0.932	0.206	0.634	0.304	9.390	0.205	0.303	0.479
18-may	18	0.572	1.649	0.465	0.942	0.882	0.285	0.838	0.371	10.199	0.391	0.457	0.544
18-may	19	0.668	0.796	0.470	0.898	0.940	0.239	0.782	0.340	10.396	0.261	0.385	0.518
18-may	20	0.575	0.271	0.367	0.754	0.962	0.246	0.784	0.359	9.738	0.247	0.399	0.553
18-may	21	0.675	0.205	0.441	0.840	1.082	0.336	1.013	0.456	11.352	0.293	0.390	0.724

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
18-may	22	0.511	0.111	0.290	0.714	0.912	0.228	0.756	0.291	9.906	0.266	0.341	0.604
18-may	23	0.491	0.200	0.262	0.780	0.919	0.239	0.807	0.310	9.666	0.273	0.411	0.579
19-may	00	0.690	0.174	0.440	1.092	1.243	0.360	1.000	0.433	10.450	0.396	0.473	0.858
19-may	01	1.235	0.265	1.036	2.682	1.194	0.429	1.394	0.671	13.069	0.494	0.603	1.034
19-may	02	1.369	0.234	1.121	2.720	1.297	0.512	1.501	0.599	14.396	0.700	0.767	1.294
19-may	03	0.131	0.057	1.129	2.531	1.173	0.484	1.623	0.648	1.632	0.117	0.125	0.070
22-may	12	2.006	0.777	1.751	2.857	2.162	0.837	2.604	0.944	18.953	1.053	1.044	4.287
22-may	13	0.537	0.064	0.197	0.446	0.923	0.178	0.730	0.216	9.196	0.268	0.409	1.423
22-may	14	0.361	1.314	0.172	0.406	0.871	0.140	0.591	0.184	8.980	0.224	0.346	0.992
22-may	15	1.035	2.024	0.145	0.356	0.859	0.107	0.511	0.198	8.901	0.219	0.295	0.816
22-may	16	0.385	1.457	0.209	0.424	0.865	0.128	0.674	0.231	9.196	0.209	0.329	0.776
22-may	17	0.431	0.905	0.282	0.448	0.933	0.139	0.629	0.252	9.463	0.216	0.342	0.665
22-may	18	0.252	0.630	0.095	0.500	0.987	0.120	0.414	0.207	8.991	0.225	0.314	0.620
22-may	19	0.430	0.497	0.249	0.679	0.935	0.164	0.728	0.249	9.986	0.242	0.368	0.729
22-may	20	0.261	0.402	0.094	0.528	0.784	0.105	0.381	0.149	8.703	0.247	0.313	0.459
22-may	21	0.850	0.267	0.498	1.250	1.082	0.341	1.314	0.494	11.771	0.382	0.453	0.945
22-may	22	0.647	0.123	0.386	0.907	1.034	0.290	1.243	0.479	10.363	0.317	0.360	0.842
22-may	23	1.010	0.179	0.586	1.379	1.110	0.412	1.653	0.504	11.686	0.451	0.543	1.020
23-may	00	1.430	0.310	0.928	1.990	1.345	0.574	2.045	0.605	13.573	0.558	0.526	1.310
23-may	01	2.354	0.226	1.471	2.591	1.622	0.968	3.579	1.008	17.490	0.804	0.857	2.016
23-may	02	2.343	0.273	1.579	2.860	1.565	0.922	3.323	1.077	19.142	0.966	0.972	1.880
23-may	03	2.548	0.284	1.737	3.259	1.579	0.909	2.970	0.938	19.816	0.921	0.934	1.942
23-may	04	1.605	0.259	1.044	2.224	1.308	0.610	1.966	0.689	15.615	0.672	0.738	1.402
23-may	05	1.339	0.250	0.820	2.041	1.133	0.463	1.577	0.674	13.977	0.678	0.609	1.008
23-may	06	1.315	0.257	0.833	2.035	1.197	0.501	1.681	0.592	14.193	0.590	0.654	1.232
23-may	07	1.330	0.307	0.973	2.099	1.139	0.473	1.725	0.763	14.996	0.696	0.666	1.089
23-may	08	1.745	0.465	1.218	2.379	1.236	0.579	2.100	0.868	16.083	0.763	0.622	1.252
23-may	09	1.752	0.427	1.076	1.738	1.481	0.699	2.688	0.872	14.932	0.805	0.895	1.635
23-may	10	1.213	0.550	0.708	1.473	1.247	0.478	1.851	0.613	12.946	0.571	0.575	1.014
23-may	11	1.937	0.925	1.244	2.116	1.368	0.734	2.711	0.872	16.454	0.589	0.661	1.491

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
23-may	12	1.152	1.808	0.751	1.836	1.131	0.432	1.489	0.549	12.507	0.454	0.489	0.998
23-may	13	0.594	1.773	0.304	1.135	1.016	0.234	0.895	0.413	10.225	0.250	0.353	0.583
23-may	14	0.483	1.985	0.326	0.993	0.929	0.173	0.779	0.375	9.902	0.244	0.379	0.490
23-may	15	0.584	2.510	0.280	1.003	0.894	0.147	0.712	0.355	9.536	0.237	0.345	0.604
23-may	16	0.166	1.054	0.106	0.676	0.962	0.061	0.320	0.168	8.648	0.338	0.295	0.376
23-may	17	0.185	1.139	0.098	0.348	0.875	0.142	0.401	0.250	8.551	0.225	0.300	0.425
23-may	18	0.133	0.476	0.098	0.359	0.756	0.074	0.294	0.127	8.251	0.264	0.301	0.327
23-may	19	0.499	0.497	0.283	0.592	0.946	0.228	0.881	0.298	10.267	0.300	0.433	0.905
23-may	20	0.503	0.397	0.246	0.744	1.106	0.212	0.809	0.316	10.038	0.318	0.408	0.637
23-may	21	0.347	0.327	0.172	0.804	0.979	0.157	0.566	0.258	9.206	0.283	0.351	0.594
23-may	22	0.187	0.183	0.098	0.282	0.877	0.121	0.461	0.204	8.654	0.195	0.325	0.465
23-may	23	0.530	0.224	0.257	0.869	0.980	0.220	0.686	0.340	9.682	0.259	0.352	1.307
24-may	00	0.278	0.175	0.098	0.184	0.998	0.115	0.409	0.169	8.633	0.203	0.288	0.439
24-may	01	0.174	0.174	0.098	0.242	0.918	0.089	0.297	0.123	8.650	0.312	0.364	1.005
24-may	02	0.475	0.214	0.250	0.526	1.022	0.182	0.515	0.279	9.888	0.375	0.348	0.517
24-may	03	0.723	0.216	0.451	1.094	1.027	0.263	0.819	0.335	10.862	0.270	0.382	0.691
24-may	04	1.040	0.256	0.632	1.321	1.220	0.385	1.314	0.609	12.447	0.406	0.540	1.049
24-may	05	0.770	0.268	0.439	1.079	1.137	0.321	0.986	0.348	11.614	0.355	0.422	0.726
24-may	06	0.880	0.160	0.513	0.966	1.093	0.364	1.159	0.431	12.083	0.423	0.472	0.692
24-may	07	1.034	0.192	0.591	1.512	1.083	0.414	1.266	0.385	12.854	0.315	0.471	0.921
24-may	08	1.507	0.537	1.049	2.139	1.313	0.534	2.028	0.788	15.113	0.555	0.603	1.035
24-may	09	0.906	0.652	0.485	1.014	1.158	0.349	1.281	0.429	11.344	0.376	0.455	0.773
25-may	11	0.896	1.234	0.633	1.261	2.022	0.382	1.257	0.421	12.482	0.411	0.501	0.959
25-may	12	1.051	1.809	0.629	1.391	1.144	0.406	1.510	0.481	11.882	0.368	0.544	0.908
25-may	13	0.761	2.219	0.359	0.663	0.882	0.195	0.670	0.242	9.512	0.226	0.334	0.910
25-may	14	0.533	3.165	0.362	0.580	0.882	0.178	0.688	0.251	9.603	0.216	0.351	0.537
25-may	15	0.407	2.454	0.309	0.584	0.827	0.158	0.560	0.198	9.231	0.215	0.295	0.603
25-may	16	0.404	2.677	0.358	0.564	0.879	0.150	0.546	0.203	9.310	0.244	0.329	0.539
25-may	17	0.250	2.311	0.219	0.420	0.903	0.134	0.427	0.162	8.952	0.195	0.310	0.697
25-may	18	0.307	1.192	0.206	0.350	0.927	0.161	0.473	0.159	9.395	0.208	0.347	0.667

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
25-may	19	0.331	0.834	0.163	0.351	0.925	0.203	0.543	0.137	9.237	0.232	0.333	0.492
25-may	20	0.302	0.464	0.178	0.338	0.879	0.122	0.468	0.126	8.502	0.190	0.327	0.369
25-may	21	0.617	0.443	0.336	0.768	1.037	0.260	0.802	0.352	9.865	0.279	0.459	0.615
25-may	22	0.464	0.472	0.190	0.598	1.043	0.212	0.543	0.361	9.526	0.366	0.348	0.513
25-may	23	0.850	0.343	0.483	1.133	1.111	0.358	1.118	0.482	10.601	0.342	0.522	0.748
26-may	00	1.814	0.372	1.119	1.690	1.370	0.549	1.971	0.680	13.803	0.695	0.599	1.361
26-may	01	1.497	0.356	1.029	2.049	1.197	0.492	1.677	0.609	14.608	0.502	0.568	1.095
26-may	02	1.619	0.370	1.195	2.131	1.247	0.564	1.669	0.703	14.718	0.406	0.469	1.228
26-may	04	2.351	0.327	1.730	2.772	1.411	0.771	2.571	0.882	16.707	0.772	0.646	1.489
26-may	05	2.132	0.331	1.481	2.326	1.281	0.705	2.432	0.883	16.125	0.631	0.665	1.526
27-may	14	0.511	2.762	0.252	0.681	1.097	0.181	0.671	0.281	10.240	0.345	0.297	1.027
27-may	15	0.616	1.194	0.325	0.841	1.031	0.339	0.854	0.394	10.514	0.258	0.318	1.194
27-may	16	0.358	4.880	0.168	0.720	0.927	0.157	0.564	0.238	9.888	0.202	0.399	0.715
27-may	17	0.530	2.521	0.279	0.618	1.022	0.212	0.685	0.306	10.768	0.258	0.346	0.566
27-may	18	0.683	1.705	0.437	0.935	1.104	0.255	0.929	0.352	10.945	0.268	0.330	0.728
27-may	19	0.838	0.456	0.485	1.467	1.194	0.311	0.955	0.472	11.676	0.397	0.450	0.902
27-may	20	0.717	0.343	0.413	1.189	0.978	0.276	1.158	0.387	11.023	0.388	0.391	0.787
27-may	21	0.854	0.142	0.484	1.147	1.027	0.351	1.138	0.507	11.309	0.366	0.362	1.045
27-may	22	2.077	0.166	1.289	2.059	1.329	0.783	2.394	0.896	14.770	0.693	0.532	1.543
27-may	23	2.659	0.149	1.605	2.259	1.503	0.673	2.339	0.844	15.064	0.548	0.619	1.440
28-may	00	1.001	0.058	0.545	1.365	1.301	0.414	1.278	0.538	12.380	0.400	0.505	0.913
28-may	01	1.560	0.115	0.993	1.983	1.246	0.512	1.645	0.610	13.224	0.367	0.523	1.063
29-may	11	1.787	0.910	1.364	3.475	17.525	5.204	0.077	0.084	18.332	39.419	40.528	56.467
29-may	12	0.613	0.861	0.099	0.137	0.178	0.045	0.077	0.084	1.677	0.120	0.129	0.072
29-may	13	0.886	0.325	0.342	0.726	0.982	0.356	1.013	0.447	10.350	0.554	0.437	1.165
29-may	14	0.330	1.790	0.190	0.466	0.786	0.168	0.790	0.387	9.327	0.387	0.353	0.780
29-may	15	0.342	1.562	0.176	0.463	0.826	0.139	0.499	0.223	9.031	0.385	0.383	0.722
29-may	16	0.403	0.551	0.197	0.748	0.840	0.142	0.667	0.227	10.055	0.229	0.350	0.704
29-may	17	0.252	0.263	0.105	0.345	0.746	0.136	0.541	0.224	9.322	0.205	0.342	0.888
29-may	18	0.333	0.322	0.171	0.437	0.881	0.250	0.800	0.241	9.850	0.297	0.421	0.723

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
29-may	19	0.354	0.210	0.219	0.734	0.795	0.246	0.679	0.386	10.085	0.416	0.439	0.814
29-may	20	0.360	0.108	0.173	0.563	0.965	0.201	0.749	0.324	9.911	0.399	0.609	1.052
29-may	21	0.428	0.059	0.118	0.425	0.768	0.190	0.595	0.390	9.546	0.476	0.374	0.883
29-may	22	0.315	0.096	0.153	0.443	0.787	0.210	0.825	0.694	9.315	0.605	0.620	2.288
30-may	00	0.418	0.102	0.243	0.637	0.889	0.252	0.829	0.386	9.964	0.277	0.551	1.033
30-may	01	0.360	0.084	0.188	0.591	0.812	0.243	0.734	0.229	9.901	0.225	0.311	0.594
30-may	02	0.309	0.087	0.110	0.439	0.766	0.195	0.519	0.301	9.956	0.366	0.338	0.530
30-may	03	0.557	0.077	0.332	1.252	0.940	0.289	0.796	0.499	11.492	0.312	0.511	0.709
30-may	04	0.368	0.086	0.212	1.013	0.944	0.201	0.570	0.367	10.419	0.239	0.374	0.638
30-may	05	0.273	0.059	0.116	1.041	0.800	0.141	0.447	0.369	9.490	0.308	0.367	0.523
30-may	06	0.253	0.067	0.127	1.199	0.755	0.286	0.412	0.325	9.268	0.288	0.397	0.490
30-may	07	0.283	0.060	0.100	0.888	0.744	0.209	0.505	0.378	9.059	0.355	0.372	0.520
30-may	08	0.507	0.112	0.233	0.862	0.942	0.262	0.775	0.371	9.930	0.286	0.451	0.867
30-may	09	0.563	0.241	0.263	0.846	0.880	0.260	0.814	0.340	9.804	0.430	0.477	0.610
30-may	10	1.435	0.283	0.828	1.499	1.362	0.536	1.762	0.706	12.517	0.485	0.637	1.191
30-may	11	1.401	0.378	0.907	1.922	1.199	0.498	1.911	0.913	12.611	0.462	0.498	1.193
30-may	12	0.700	0.674	0.460	1.473	0.931	0.304	0.999	0.530	11.148	0.368	0.487	0.789
30-may	13	0.579	1.011	0.383	1.129	0.924	0.219	0.899	0.476	10.383	0.313	0.433	0.864
30-may	14	0.403	0.996	0.278	0.835	0.824	0.213	0.615	0.334	9.582	0.249	0.434	0.559
30-may	15	0.372	1.201	0.185	0.737	0.889	0.139	0.533	0.285	9.189	0.231	0.344	0.709
30-may	16	0.268	1.096	0.117	0.576	0.802	0.152	0.474	0.314	9.058	0.203	0.333	0.504
30-may	17	0.212	1.509	0.108	0.453	0.784	0.083	0.465	0.237	8.603	0.228	0.321	0.369
30-may	18	0.276	0.684	0.149	0.490	0.785	0.105	0.468	0.239	8.968	0.215	0.326	0.495
30-may	19	0.449	0.132	0.211	0.606	0.846	0.172	0.756	0.345	9.653	0.266	0.378	0.489
30-may	20	0.442	0.147	0.247	0.578	0.905	0.203	0.784	0.462	9.896	0.282	0.433	0.670
30-may	21	0.479	0.139	0.257	0.524	0.879	0.223	0.899	0.353	9.918	0.271	0.543	0.867
30-may	22	0.436	0.109	0.266	0.551	0.838	0.219	0.959	0.373	9.722	0.305	0.435	0.492
30-may	23	0.441	0.108	0.208	0.551	0.829	0.210	0.760	0.357	9.609	0.363	0.395	0.585
31-may	00	0.292	0.098	0.134	0.428	0.809	0.167	0.563	0.248	9.268	0.231	0.401	0.555
31-may	01	0.282	0.126	0.123	1.022	0.746	0.109	0.464	0.190	8.854	0.185	0.299	0.424

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
31-may	02	0.337	0.065	0.282	1.166	0.787	0.137	0.393	0.189	9.011	0.169	0.339	0.463
31-may	03	0.261	0.058	0.122	0.799	0.754	0.106	0.354	0.187	8.753	0.307	0.276	0.362
31-may	04	0.356	0.068	0.157	0.558	0.771	0.169	0.474	0.274	8.895	0.188	0.320	0.398
31-may	05	0.321	0.102	0.133	0.562	0.750	0.148	0.435	0.304	8.800	0.182	0.341	0.445
31-may	06	0.381	0.092	0.170	0.633	0.830	0.180	0.493	0.314	9.243	0.283	0.385	0.486
31-may	07	0.724	0.098	0.336	0.767	1.002	0.282	0.797	0.369	9.614	0.382	0.383	0.881
31-may	08	0.907	0.179	0.456	0.894	0.949	0.365	1.273	0.631	10.374	0.543	0.533	1.259
31-may	09	0.696	0.413	0.404	1.031	0.974	0.283	1.032	0.455	10.332	0.350	0.380	0.831
31-may	10	0.614	0.660	0.381	1.015	0.924	0.256	0.984	0.479	10.002	0.250	0.379	0.745
31-may	11	0.647	0.782	0.376	0.978	1.008	0.273	0.901	0.432	9.992	0.300	0.378	0.841
31-may	12	0.742	1.151	0.403	0.837	1.042	0.249	1.070	0.359	9.802	0.281	0.428	0.743
31-may	13	0.561	1.596	0.386	1.087	0.937	0.214	0.797	0.333	9.403	0.285	0.329	0.581
31-may	14	0.422	1.078	0.244	0.708	0.880	0.180	0.729	0.259	8.908	0.250	0.299	0.876
31-may	15	0.408	1.178	0.259	0.569	0.857	0.158	0.651	0.234	8.735	0.319	0.357	0.417
31-may	16	0.475	1.327	0.278	0.735	0.921	0.193	0.746	0.313	8.905	0.256	0.357	0.519
31-may	17	0.508	0.177	0.247	0.591	1.050	0.204	0.797	0.390	9.191	0.314	0.337	0.678
31-may	18	0.283	0.357	0.095	0.372	0.818	0.106	0.583	0.257	8.600	0.202	0.359	0.500
31-may	19	0.627	0.157	0.419	0.953	0.930	0.256	0.968	0.410	10.449	0.220	0.472	1.192
31-may	20	0.501	0.151	0.180	0.738	0.946	0.233	0.858	0.332	9.808	0.371	0.416	0.652
31-may	21	0.578	0.126	0.318	0.693	0.950	0.298	0.866	0.397	10.199	0.317	0.436	0.662
31-may	22	0.682	0.159	0.371	0.952	0.965	0.323	1.089	0.373	10.113	0.352	0.447	0.711
31-may	23	0.834	0.207	0.474	0.972	1.001	0.368	1.265	0.418	10.896	0.398	0.451	0.843
01-jun	00	0.968	0.193	0.531	1.223	1.062	0.376	1.523	0.517	11.982	0.511	0.532	0.941
01-jun	01	0.958	0.292	0.543	1.351	1.115	0.354	1.315	0.511	11.916	0.476	0.522	0.951
01-jun	02	1.157	0.264	0.671	1.632	1.156	0.399	1.400	0.457	12.613	0.483	0.410	0.877
01-jun	03	0.980	0.167	0.504	1.294	1.039	0.317	1.151	0.421	11.653	0.401	0.464	0.890
01-jun	04	0.847	0.162	0.462	0.903	1.060	0.316	1.106	0.518	11.291	0.405	0.454	0.872
01-jun	05	0.492	0.136	0.259	0.548	0.860	0.176	0.645	0.281	9.430	0.312	0.321	0.682
01-jun	06	0.622	0.172	0.273	0.951	0.992	0.222	0.895	0.261	9.802	0.492	0.350	0.627
01-jun	07	1.904	0.261	1.144	1.718	1.371	0.707	2.434	0.768	12.714	0.792	0.701	1.643

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
01-jun	08	2.450	0.534	1.410	1.857	1.507	0.607	2.288	0.771	12.394	0.533	0.665	1.331
01-jun	09	0.900	0.466	0.536	0.900	0.951	0.422	1.736	0.535	10.264	0.450	0.591	1.021
01-jun	11	0.583	0.628	0.253	0.581	1.005	0.253	0.925	0.296	9.572	0.346	0.385	0.722
01-jun	12	0.871	0.965	0.529	1.180	1.009	0.303	1.102	0.366	10.653	0.300	0.375	0.710
01-jun	13	0.880	1.278	0.574	1.324	1.024	0.319	1.236	0.457	11.673	0.340	0.390	0.839
01-jun	14	0.506	1.673	0.304	0.919	0.969	0.178	0.663	0.259	10.055	0.232	0.314	0.519
01-jun	15	0.444	2.156	0.242	0.778	0.808	0.177	0.560	0.244	9.324	0.209	0.359	0.521
01-jun	16	0.322	1.876	0.152	0.582	0.820	0.125	0.471	0.199	8.946	0.266	0.324	0.504
01-jun	17	0.401	1.521	0.225	0.586	0.852	0.158	0.494	0.197	9.126	0.202	0.322	0.403
01-jun	18	0.544	0.767	0.307	0.726	0.831	0.203	0.575	0.278	9.735	0.228	0.346	0.460
01-jun	19	0.512	0.575	0.237	0.868	0.839	0.225	0.767	0.346	10.320	0.339	0.410	0.626
01-jun	20	0.419	0.060	0.233	0.899	0.809	0.213	0.690	0.299	9.969	0.260	0.321	0.526
01-jun	21	0.335	0.071	0.165	0.579	0.808	0.198	0.605	0.366	9.460	0.199	0.392	0.495
01-jun	22	0.247	0.116	0.100	0.585	0.758	0.169	0.483	0.262	9.299	0.205	0.323	0.475
01-jun	23	0.299	0.122	0.117	0.598	0.825	0.187	0.547	0.325	9.263	0.248	0.344	0.459
02-jun	00	0.422	0.110	0.313	0.901	0.831	0.190	0.609	0.281	9.460	0.247	0.334	0.438
02-jun	01	0.635	0.162	0.384	1.058	0.878	0.229	0.626	0.370	9.131	0.298	0.385	0.455
02-jun	02	0.594	0.144	0.337	1.073	0.882	0.200	0.514	0.260	9.079	0.231	0.306	0.401
02-jun	03	0.434	0.165	0.168	0.736	0.932	0.160	0.388	0.259	9.501	0.303	0.362	0.450
02-jun	04	0.390	0.110	0.211	0.625	0.933	0.183	0.509	0.310	9.665	0.291	0.327	0.627
02-jun	05	0.443	0.098	0.227	0.681	0.927	0.223	0.597	0.326	9.375	0.242	0.378	0.513
02-jun	06	0.794	0.130	0.420	1.145	1.128	0.346	0.859	0.528	10.498	0.382	0.417	0.713
02-jun	07	1.310	0.187	0.747	1.528	1.283	0.480	1.435	0.784	11.588	0.431	0.458	1.107
02-jun	08	1.678	0.278	0.927	1.477	1.189	0.531	1.766	0.715	12.024	0.481	0.544	1.174
02-jun	09	1.320	0.385	0.910	1.993	1.361	0.589	1.904	0.800	12.762	0.538	0.542	1.309
02-jun	10	1.135	0.514	0.755	1.837	1.232	0.416	1.252	0.741	10.748	0.433	0.509	1.080
02-jun	11	0.772	0.644	0.500	1.386	1.042	0.315	1.049	0.574	10.366	0.320	0.485	0.828
02-jun	12	0.736	1.243	0.478	1.377	0.978	0.249	0.821	0.459	10.592	0.255	0.411	0.615
02-jun	13	0.558	1.659	0.362	1.170	0.850	0.241	0.719	0.422	10.340	0.263	0.367	0.622
02-jun	14	0.247	2.128	0.188	0.631	0.774	0.110	0.411	0.224	9.014	0.242	0.311	0.454

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
02-jun	15	0.297	2.159	0.267	0.520	0.747	0.131	0.394	0.216	8.809	0.205	0.325	0.416
02-jun	16	0.299	1.883	0.215	0.586	0.678	0.124	0.370	0.201	8.792	0.187	0.290	0.429
02-jun	17	0.297	1.557	0.111	0.426	0.719	0.103	0.399	0.227	8.992	0.247	0.324	0.446
02-jun	18	0.254	1.529	0.099	0.648	0.726	0.156	0.381	0.145	8.753	0.250	0.315	0.406
02-jun	20	0.280	0.672	0.163	0.692	0.791	0.167	0.455	0.231	8.827	0.226	0.323	0.505
02-jun	21	0.277	0.091	0.140	0.633	0.717	0.144	0.533	0.209	9.072	0.228	0.434	0.684
02-jun	22	0.362	0.129	0.151	0.424	0.799	0.163	0.646	0.290	9.294	0.196	0.313	0.479
02-jun	23	0.245	0.220	0.100	0.409	0.835	0.148	0.450	0.244	9.206	0.265	0.365	0.450
03-jun	00	0.136	0.201	0.100	0.242	0.776	0.085	0.296	0.187	8.852	0.393	0.328	0.332
03-jun	01	0.160	0.268	0.100	0.289	0.730	0.096	0.323	0.214	8.814	0.178	0.339	0.370
03-jun	02	0.334	0.253	0.268	1.289	0.723	0.099	0.290	0.188	8.834	0.255	0.294	0.313
03-jun	03	0.182	0.226	0.114	0.844	0.754	0.106	0.319	0.186	9.686	0.442	0.315	0.422
03-jun	04	0.137	0.240	0.100	0.442	0.729	0.160	0.271	0.258	8.886	0.212	0.324	0.277
03-jun	05	0.137	0.236	0.100	0.388	0.762	0.079	0.291	0.128	8.831	0.222	0.319	0.307
03-jun	06	0.175	0.231	0.100	0.338	0.711	0.072	0.248	0.212	8.807	0.406	0.308	0.295
03-jun	07	0.172	0.175	0.100	0.281	0.795	0.115	0.418	0.290	8.504	0.212	0.282	0.454
03-jun	08	0.641	0.179	0.299	0.717	0.790	0.248	0.749	0.328	9.431	0.218	0.384	0.588
03-jun	09	0.678	0.315	0.323	0.690	0.829	0.270	0.850	0.356	9.583	0.444	0.417	0.706
03-jun	13	0.396	1.218	0.251	0.712	0.932	0.193	0.487	0.222	10.055	0.416	0.551	0.618
03-jun	14	0.251	0.818	0.134	0.533	0.724	0.153	0.484	0.203	9.239	0.516	0.469	0.580
03-jun	16	0.433	0.868	0.427	0.587	0.787	0.196	0.705	0.274	9.787	0.434	0.469	0.671
03-jun	17	0.457	1.263	0.307	0.645	0.753	0.200	0.728	0.427	10.743	0.209	0.397	0.507
03-jun	18	0.342	1.151	0.167	0.655	0.899	0.232	0.830	0.332	9.457	0.255	0.337	0.367
03-jun	19	0.398	0.960	0.239	0.612	0.900	0.230	0.590	0.354	9.813	0.394	0.768	0.697
03-jun	20	0.381	0.375	0.344	1.123	0.757	0.169	0.548	0.256	10.299	1.012	0.679	0.459
03-jun	21	0.394	0.060	0.252	0.639	0.755	0.203	1.000	0.228	9.770	0.260	0.378	0.517
03-jun	22	0.366	0.089	0.183	0.502	0.995	0.234	0.668	0.255	9.517	0.240	0.559	0.712
03-jun	23	0.342	0.135	0.142	0.498	0.770	0.246	0.601	0.329	9.828	0.550	0.431	0.980
04-jun	00	0.294	0.218	0.140	0.408	0.769	0.140	0.868	0.716	9.575	0.288	0.367	0.408
04-jun	01	0.398	0.281	0.137	0.793	0.784	0.185	0.559	0.268	9.933	0.271	0.389	0.547

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
04-jun	02	0.995	0.262	0.721	1.667	0.887	0.338	0.855	0.442	10.340	0.249	0.493	0.766
04-jun	03	0.432	0.260	0.267	1.040	0.753	0.184	0.582	0.315	10.355	0.244	0.396	0.640
04-jun	04	0.379	0.230	0.179	0.696	0.792	0.171	0.458	0.275	9.857	0.400	0.384	0.493
04-jun	05	0.411	0.382	0.196	0.936	0.885	0.229	0.478	0.263	9.551	0.258	0.419	0.708
04-jun	06	0.594	0.255	0.325	0.840	0.814	0.210	0.592	0.372	9.348	0.295	0.439	0.557
04-jun	07	0.691	0.314	0.332	1.119	1.032	0.250	0.819	0.479	10.324	0.323	0.433	0.739
04-jun	08	0.869	0.375	0.463	1.052	1.117	0.365	1.250	0.595	11.217	0.436	0.395	1.149
04-jun	09	1.871	0.425	1.032	1.432	1.404	0.522	1.586	0.816	10.218	0.394	0.542	1.086
04-jun	10	1.103	0.500	0.621	1.090	1.033	0.365	1.123	0.480	10.499	0.683	0.526	0.692
04-jun	11	0.535	0.789	0.296	0.813	0.810	0.247	0.749	0.343	9.486	0.283	0.357	0.505
04-jun	12	0.566	1.087	0.364	1.050	0.851	0.220	0.718	0.327	10.155	0.251	0.381	0.536
04-jun	13	0.568	1.271	0.439	1.235	0.820	0.250	0.872	0.294	10.369	0.357	0.438	0.529
04-jun	14	0.642	2.197	0.464	0.870	0.800	0.256	0.767	0.280	10.308	0.376	0.514	0.781
04-jun	15	0.374	1.878	0.183	0.529	0.817	0.162	0.573	0.296	9.151	0.397	0.339	0.392
04-jun	16	0.341	1.161	0.175	0.541	0.748	0.154	0.565	0.244	9.174	0.288	0.318	0.371
04-jun	17	0.429	1.369	0.216	0.569	0.760	0.192	0.511	0.277	9.244	0.253	0.359	0.373
04-jun	18	0.637	0.834	0.371	0.927	0.798	0.248	0.736	0.400	9.645	0.273	0.365	0.556
04-jun	19	0.540	0.770	0.303	0.818	0.804	0.214	0.697	0.232	9.662	0.286	0.394	0.485
04-jun	20	0.404	0.181	0.207	0.591	0.722	0.159	0.552	0.240	9.100	0.262	0.347	0.430
04-jun	21	0.462	0.230	0.245	0.579	0.807	0.217	0.742	0.324	9.322	0.247	0.404	0.589
04-jun	22	0.387	0.144	0.207	0.531	0.810	0.158	0.586	0.295	9.052	0.280	0.442	0.549
04-jun	23	0.430	0.165	0.240	0.711	0.866	0.193	0.575	0.261	9.092	0.303	0.339	0.712
05-jun	00	0.545	0.171	0.328	0.821	0.938	0.271	0.623	0.279	9.417	0.293	0.380	0.672
05-jun	02	0.293	0.163	0.097	0.414	0.803	0.150	0.391	0.287	8.851	0.279	0.339	0.469
05-jun	03	0.401	0.216	0.198	0.695	0.924	0.238	0.375	0.404	9.119	0.374	0.628	1.074
05-jun	04	0.398	0.267	0.164	0.534	1.032	0.210	0.515	0.457	8.817	0.298	0.355	0.834
05-jun	05	0.355	0.284	0.128	0.467	0.956	0.210	0.438	0.306	8.794	0.281	0.403	0.650
05-jun	06	0.326	0.245	0.101	0.458	0.968	0.153	0.380	0.291	8.625	0.268	0.411	0.784
05-jun	07	0.379	0.144	0.135	0.376	1.016	0.170	0.528	0.252	8.843	0.279	0.436	0.798
05-jun	08	0.631	0.334	0.365	0.697	1.140	0.310	1.070	0.541	9.847	0.329	0.479	0.927

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
05-jun	09	0.715	0.382	0.389	0.803	1.027	0.325	0.974	0.469	9.697	0.392	0.421	0.739
05-jun	10	0.320	0.598	0.097	0.457	0.813	0.199	0.546	0.300	8.887	0.254	0.385	0.491
05-jun	11	0.367	0.743	0.178	0.693	0.806	0.186	0.658	0.274	9.390	0.239	0.398	0.460
05-jun	12	0.488	0.999	0.271	0.631	0.769	0.219	0.645	0.333	9.495	0.264	0.339	0.439
05-jun	13	0.499	1.452	0.303	0.805	0.820	0.177	0.694	0.306	9.903	0.253	0.363	0.428
05-jun	14	0.438	1.730	0.220	0.690	0.751	0.189	0.518	0.279	9.637	0.257	0.299	0.418
05-jun	15	0.428	2.022	0.364	0.752	0.807	0.205	0.582	0.267	9.187	0.427	0.349	0.409
05-jun	16	0.424	1.996	0.225	0.582	0.787	0.138	0.479	0.178	8.921	0.278	0.310	0.466
05-jun	17	0.408	1.909	0.310	0.524	0.724	0.142	0.437	0.219	8.810	0.315	0.420	0.377
05-jun	18	0.373	1.536	0.427	0.620	0.739	0.207	0.417	0.247	8.677	0.263	0.318	0.460
05-jun	19	0.310	0.907	0.281	0.654	0.702	0.138	0.495	0.176	8.896	0.336	0.350	0.493
05-jun	20	0.400	0.198	0.208	0.727	0.717	0.182	0.598	0.296	9.204	0.239	0.401	0.473
05-jun	21	0.357	0.127	0.124	0.490	0.704	0.173	0.512	0.312	8.769	0.286	0.349	0.401
05-jun	22	0.342	0.141	0.196	0.475	0.869	0.186	0.586	0.296	8.858	0.325	0.400	0.558
05-jun	23	0.338	0.109	0.095	0.392	0.757	0.172	0.498	0.277	8.447	0.248	0.361	0.514
06-jun	00	0.582	0.142	0.389	0.764	0.852	0.240	0.716	0.312	9.277	0.290	0.351	0.481
06-jun	01	0.508	0.123	0.283	0.876	0.765	0.161	0.458	0.263	9.226	0.233	0.311	0.455
06-jun	02	0.199	0.128	0.095	0.457	0.739	0.139	0.356	0.203	8.544	0.238	0.334	0.355
06-jun	03	0.352	0.169	0.207	1.000	0.812	0.146	0.407	0.283	9.111	0.222	0.381	0.488
06-jun	04	0.377	0.167	0.261	0.695	0.812	0.207	0.427	0.413	9.454	0.341	0.413	0.594
06-jun	05	0.520	0.196	0.241	0.654	0.830	0.214	0.562	0.362	9.786	0.276	0.398	0.718
06-jun	06	0.563	0.267	0.324	0.904	0.895	0.260	0.666	0.351	9.908	0.250	0.445	0.608
06-jun	08	0.776	0.155	0.467	0.885	0.913	0.277	0.889	0.414	10.731	0.376	0.372	0.656
06-jun	09	0.758	0.252	0.418	0.751	1.045	0.330	1.039	0.383	10.104	0.419	0.425	0.766
06-jun	10	0.829	0.377	0.478	1.017	1.058	0.401	1.462	0.487	11.043	0.381	0.517	0.813
06-jun	11	1.038	0.599	0.572	1.160	1.004	0.433	1.434	0.489	11.291	0.463	0.529	1.040
06-jun	12	1.160	0.862	0.649	1.243	1.032	0.388	1.482	0.498	11.513	0.406	0.436	0.755
06-jun	13	0.558	1.704	0.330	1.076	0.839	0.220	0.736	0.380	9.583	0.367	0.417	0.453
06-jun	14	0.492	2.101	0.398	1.234	0.793	0.214	0.605	0.336	9.317	0.237	0.342	0.692
06-jun	15	0.290	1.953	0.210	0.410	0.717	0.108	0.435	0.224	8.193	0.196	0.233	0.321

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
06-jun	16	0.303	1.999	0.259	0.452	0.792	0.115	0.453	0.350	8.256	0.307	0.293	0.377
06-jun	17	0.335	2.054	0.399	0.396	0.861	0.156	0.376	0.257	8.052	0.276	0.361	0.691
06-jun	18	0.185	1.355	0.309	0.443	0.695	0.066	0.274	0.182	7.983	0.226	0.259	0.458
06-jun	19	0.324	0.800	0.137	0.535	0.721	0.122	0.385	0.205	8.230	0.345	0.310	0.419
06-jun	20	0.325	0.262	0.143	0.657	0.716	0.144	0.388	0.260	8.481	0.194	0.343	0.453
06-jun	21	0.543	0.069	0.215	0.519	0.771	0.187	0.624	0.281	9.171	0.185	0.387	0.448
06-jun	22	0.697	0.101	0.370	0.696	0.917	0.285	1.096	0.459	10.453	0.395	0.445	0.657
06-jun	23	0.644	0.141	0.291	0.671	0.984	0.229	1.004	0.385	10.288	0.350	0.430	0.661
07-jun	00	0.543	0.109	0.294	0.834	0.898	0.279	0.888	0.378	9.951	0.282	0.419	0.926
07-jun	01	0.646	0.122	0.330	0.888	0.933	0.279	0.817	0.363	10.256	0.251	0.443	0.597
07-jun	02	0.591	0.123	0.338	0.969	0.944	0.225	0.795	0.325	10.309	0.341	0.485	0.562
07-jun	03	0.634	0.141	0.347	1.196	0.932	0.294	0.836	0.339	11.152	0.445	0.517	0.624
07-jun	04	0.679	0.130	0.462	1.085	0.947	0.272	0.919	0.439	11.122	0.501	0.512	0.703
07-jun	05	0.657	0.150	0.368	1.179	0.983	0.316	0.807	0.442	10.843	0.400	0.536	0.737
07-jun	06	0.451	0.126	0.207	0.888	0.806	0.192	0.579	0.394	9.459	0.258	0.404	0.409
07-jun	07	0.245	0.108	0.100	0.292	0.792	0.163	0.512	0.236	9.406	0.242	0.343	0.415
07-jun	08	0.313	0.273	0.168	0.541	0.797	0.179	0.626	0.311	8.993	0.250	0.373	0.491
07-jun	09	0.292	0.421	0.153	0.360	0.784	0.199	0.717	0.223	8.709	0.302	0.426	0.456
07-jun	10	0.231	0.611	0.098	0.317	0.735	0.146	0.443	0.123	8.233	0.211	0.276	0.362
07-jun	11	0.307	1.262	0.108	0.246	0.743	0.105	0.550	0.216	8.526	0.354	0.426	0.425
07-jun	12	0.206	1.538	0.098	0.211	0.736	0.114	0.426	0.116	8.202	0.391	0.301	0.362
07-jun	14	0.310	1.742	0.098	0.294	0.712	0.220	0.497	0.267	8.373	0.221	0.319	0.315
07-jun	15	0.223	1.771	0.098	0.228	0.722	0.120	0.416	0.144	8.365	0.248	0.315	0.304
07-jun	16	0.375	2.233	0.262	0.186	0.760	0.130	0.461	0.143	8.742	0.273	0.270	0.362
07-jun	17	0.367	1.342	0.125	0.468	0.823	0.155	0.508	0.173	8.747	0.274	0.337	0.385
07-jun	18	0.180	0.726	0.115	0.150	0.799	0.149	0.380	0.132	8.334	0.204	0.329	0.360
07-jun	19	0.364	0.282	0.214	0.285	0.814	0.200	0.796	0.263	9.113	0.248	0.412	0.876
07-jun	20	0.609	0.440	0.282	0.682	0.962	0.270	1.004	0.325	10.524	0.351	0.475	0.794
07-jun	21	0.498	0.195	0.273	0.449	0.889	0.242	0.958	0.322	9.403	0.317	0.446	0.619
07-jun	22	0.483	0.129	0.249	0.525	0.879	0.261	0.897	0.322	9.630	0.286	0.374	0.544

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
07-jun	23	0.586	0.132	0.266	0.571	0.931	0.278	0.931	0.283	9.865	0.268	0.387	0.767
08-jun	00	0.693	0.141	0.281	0.581	0.965	0.286	1.003	0.328	10.172	0.324	0.393	0.722
08-jun	01	0.729	0.197	0.452	0.934	0.996	0.348	1.255	0.431	10.735	0.454	0.522	0.759
08-jun	02	0.229	0.059	0.099	0.264	0.767	0.128	0.447	0.128	9.012	0.218	0.359	0.384
08-jun	03	0.201	0.276	0.108	0.444	0.770	0.104	0.371	0.153	9.110	0.348	0.349	0.370
08-jun	04	0.274	0.137	0.115	0.778	0.779	0.120	0.361	0.145	9.141	0.201	0.318	0.396
08-jun	05	0.307	0.089	0.160	0.512	0.807	0.150	0.415	0.281	9.256	0.191	0.331	0.459
08-jun	06	0.359	0.109	0.160	0.572	0.838	0.167	0.583	0.268	9.505	0.357	0.450	0.500
08-jun	07	0.489	0.139	0.189	0.965	0.871	0.200	0.614	0.259	9.875	0.269	0.402	0.578
08-jun	08	0.603	0.417	0.282	0.821	0.943	0.315	0.931	0.256	10.033	0.337	0.423	0.750
08-jun	09	1.206	0.409	0.507	0.925	1.039	0.389	1.486	0.425	10.847	0.393	0.542	0.866
08-jun	17	0.292	1.845	0.260	0.380	0.799	0.153	0.599	0.180	9.387	0.271	0.449	0.503
08-jun	18	0.325	1.840	0.245	0.358	0.785	0.168	0.549	0.184	9.326	0.249	0.334	0.566
08-jun	19	0.328	0.707	0.173	0.360	0.818	0.148	0.526	0.152	9.193	0.248	0.329	0.439
08-jun	20	0.199	0.140	0.100	0.164	0.725	0.144	0.434	0.119	9.006	0.220	0.301	0.430
08-jun	21	0.541	0.232	0.275	0.496	0.857	0.234	0.915	0.345	10.336	0.311	0.425	0.590
08-jun	22	0.643	0.106	0.307	0.588	0.862	0.259	0.886	0.307	10.990	0.301	0.400	0.663
08-jun	23	0.351	0.083	0.161	0.365	0.750	0.196	0.699	0.190	9.677	0.298	0.346	0.485
09-jun	00	0.473	0.132	0.248	0.604	0.794	0.362	0.878	0.290	14.364	0.277	0.428	0.882
09-jun	01	0.814	0.159	0.504	0.916	0.890	0.481	1.341	0.479	15.365	0.478	0.522	0.794
09-jun	02	0.597	0.099	0.333	0.701	1.083	0.253	0.924	0.373	10.821	0.395	0.458	0.646
09-jun	03	0.653	0.121	0.372	1.188	1.050	0.315	0.943	0.369	11.496	0.358	0.525	0.715
09-jun	04	0.932	0.181	0.586	1.454	1.048	0.311	1.234	0.484	12.700	0.356	0.488	0.758
09-jun	05	1.118	0.203	0.691	1.366	1.009	0.397	1.470	0.481	14.406	0.511	0.610	0.761
09-jun	06	1.394	0.256	0.891	2.030	1.072	0.536	1.685	0.492	15.826	0.477	0.487	1.006
09-jun	07	1.357	0.250	0.855	1.897	1.144	0.512	1.762	0.597	14.500	0.457	0.586	1.067
09-jun	08	1.128	0.508	0.654	1.411	1.051	0.488	1.657	0.526	12.395	0.432	0.579	0.976
09-jun	09	1.047	0.744	0.658	1.448	1.081	0.438	1.690	0.516	12.221	0.526	0.615	0.985
09-jun	10	0.883	0.573	0.508	1.052	0.952	0.370	1.284	0.417	11.475	0.365	0.456	0.739
09-jun	11	0.764	0.761	0.429	0.958	0.972	0.324	1.205	0.353	10.780	0.475	0.503	0.665

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
09-jun	12	0.987	1.549	0.581	1.266	1.009	0.376	1.491	0.451	11.496	0.401	0.460	0.700
09-jun	13	0.579	1.245	0.348	0.755	0.823	0.224	0.699	0.403	9.631	0.333	0.316	0.429
09-jun	14	0.541	1.848	0.357	0.615	0.790	0.182	0.756	0.303	9.336	0.259	0.290	0.432
09-jun	15	0.733	2.175	0.576	0.989	0.926	0.245	0.928	0.362	9.977	0.278	0.330	0.481
09-jun	16	0.634	0.752	0.460	0.906	0.896	0.229	0.849	0.365	11.336	0.256	0.314	0.564
09-jun	17	0.625	0.576	0.423	0.830	0.810	0.233	0.849	0.316	10.692	0.260	0.380	0.640
09-jun	19	0.360	0.637	0.162	0.651	0.693	0.171	0.588	0.268	9.531	0.213	0.363	0.413
09-jun	20	0.838	0.437	0.492	1.073	0.914	0.361	1.353	0.454	12.177	0.354	0.490	0.718
09-jun	21	0.734	0.268	0.363	0.867	0.803	0.281	1.035	0.356	12.942	0.436	0.406	0.756
09-jun	22	1.284	0.251	0.891	1.523	1.046	0.589	1.794	0.619	14.487	0.592	0.711	1.217
09-jun	23	1.485	0.268	0.949	1.866	1.172	0.673	2.323	0.735	14.797	0.705	0.834	1.320
10-jun	00	1.419	0.175	0.952	1.832	1.181	0.579	2.186	0.685	14.016	0.531	0.672	1.113
10-jun	01	1.014	0.141	0.557	1.244	1.016	0.434	1.582	0.521	11.451	0.408	0.465	0.924
10-jun	02	0.821	0.199	0.439	1.151	0.922	0.367	1.147	0.400	16.171	0.663	0.610	0.730
10-jun	03	0.834	0.138	0.482	1.244	0.975	0.401	1.074	0.588	23.858	1.615	0.654	0.772
10-jun	04	0.476	0.191	0.216	0.971	0.825	0.229	0.655	0.260	12.449	0.343	0.400	0.557
10-jun	05	0.801	0.173	0.570	1.065	0.887	0.332	1.148	0.461	12.195	0.285	0.475	0.800
10-jun	06	1.246	0.163	0.788	1.905	0.994	0.434	1.409	0.526	13.718	0.469	0.449	0.863
10-jun	07	1.708	0.225	1.199	1.994	1.194	0.621	1.990	0.800	15.796	0.532	0.535	1.261
10-jun	08	1.988	0.418	1.321	2.520	1.345	0.728	2.566	0.905	16.508	0.642	0.767	1.499
10-jun	09	1.831	0.991	1.216	2.585	1.498	0.749	2.550	0.873	14.699	0.819	0.719	1.626
10-jun	16	0.341	2.062	0.290	0.517	0.677	0.127	0.420	0.177	8.922	0.213	0.393	0.412
10-jun	17	0.375	1.663	0.307	0.662	0.721	0.154	0.452	0.182	8.897	0.166	0.280	0.484
10-jun	18	0.431	0.546	0.198	0.597	0.772	0.209	0.545	0.289	9.491	0.277	0.378	0.469
10-jun	19	0.428	0.441	0.216	0.648	0.746	0.172	0.589	0.228	9.173	0.237	0.321	0.437
10-jun	20	0.365	0.154	0.145	0.566	0.784	0.163	0.568	0.219	9.146	0.214	0.353	0.463
10-jun	21	0.374	0.103	0.153	0.395	0.807	0.218	0.678	0.232	9.187	0.234	0.334	0.469
10-jun	22	0.609	0.131	0.275	0.653	0.916	0.237	0.692	0.286	9.457	0.265	0.342	0.534
10-jun	23	0.759	0.123	0.380	0.900	0.995	0.300	1.109	0.372	10.694	0.316	0.459	0.688
11-jun	01	0.394	0.130	0.240	1.095	0.760	0.188	0.464	0.222	8.878	0.229	0.360	0.420

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
11-jun	02	0.131	0.134	0.096	0.551	0.700	0.104	0.266	0.139	8.358	0.178	0.296	0.286
11-jun	03	0.239	0.132	0.124	0.731	0.745	0.116	0.300	0.178	8.451	0.201	0.261	0.339
11-jun	04	0.145	0.206	0.096	0.545	0.739	0.111	0.243	0.143	8.489	0.169	0.308	0.346
11-jun	05	0.179	0.125	0.103	1.073	0.711	0.096	0.246	0.204	8.403	0.201	0.305	0.425
11-jun	06	0.379	0.086	0.289	1.595	0.786	0.173	0.413	0.209	8.666	0.218	0.290	0.466
11-jun	07	0.383	0.081	0.229	1.345	0.764	0.166	0.433	0.201	8.543	0.192	0.329	0.781
11-jun	08	0.654	0.083	0.369	1.271	0.808	0.240	0.743	0.373	8.894	0.275	0.413	0.710
11-jun	09	0.632	0.149	0.460	1.170	0.772	0.263	0.679	0.434	8.782	0.298	0.394	0.600
11-jun	10	0.823	0.177	0.566	1.827	0.865	0.354	0.933	0.451	10.123	0.391	0.410	0.846
11-jun	11	0.653	0.245	0.414	1.070	0.908	0.345	1.077	0.500	10.412	0.467	0.557	0.727
11-jun	12	0.542	0.210	0.307	1.036	0.811	0.283	0.869	0.359	10.635	0.404	0.555	0.635
11-jun	13	0.517	0.582	0.309	0.975	0.744	0.249	0.817	0.315	10.370	0.288	0.377	0.504
11-jun	14	0.294	0.820	0.155	0.686	0.668	0.131	0.397	0.271	9.313	0.200	0.331	0.296
11-jun	15	0.447	1.123	0.337	0.775	0.730	0.168	0.580	0.206	9.525	0.224	0.340	0.325
11-jun	16	0.500	0.983	0.313	0.804	0.802	0.170	0.655	0.237	9.508	0.229	0.346	0.589
11-jun	17	0.497	1.191	0.270	0.882	0.827	0.189	0.569	0.246	9.924	0.209	0.373	0.545
11-jun	18	0.592	1.052	0.387	1.063	0.788	0.209	0.683	0.307	10.271	0.364	0.469	0.730
11-jun	19	0.420	0.542	0.198	0.802	0.776	0.203	0.669	0.230	9.575	0.336	0.341	0.736
11-jun	20	0.473	0.293	0.301	0.664	0.759	0.214	0.630	0.258	10.013	0.203	0.399	1.110
11-jun	21	0.263	0.077	0.098	0.460	0.716	0.151	0.476	0.204	8.790	0.197	0.367	0.465
11-jun	22	0.273	0.112	0.114	0.380	0.740	0.145	0.474	0.157	8.597	0.213	0.371	0.379
11-jun	23	0.257	0.128	0.098	0.379	0.696	0.141	0.405	0.140	8.390	0.268	0.305	0.353
12-jun	00	0.134	0.121	0.098	0.204	0.631	0.098	0.263	0.084	8.159	0.226	0.325	0.295
12-jun	01	0.305	0.148	0.210	0.893	0.707	0.148	0.363	0.165	8.790	0.183	0.339	0.395
12-jun	02	0.276	0.078	0.103	0.666	0.688	0.145	0.335	0.148	8.745	0.188	0.299	0.298
12-jun	03	0.152	0.059	0.098	0.464	0.672	0.136	0.315	0.156	8.568	0.197	0.306	0.338
12-jun	04	0.134	0.059	0.098	0.465	0.644	0.076	0.227	0.106	8.328	0.235	0.318	0.312
12-jun	05	0.148	0.059	0.099	0.609	0.682	0.086	0.203	0.130	8.582	0.166	0.306	0.322
12-jun	06	0.136	0.064	0.099	0.417	0.653	0.141	0.316	0.159	8.342	0.213	0.338	0.350
12-jun	07	0.531	0.112	0.308	1.084	0.715	0.210	0.539	0.299	8.827	0.199	0.361	0.458

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
12-jun	08	0.798	0.168	0.493	1.465	0.864	0.268	0.838	0.346	9.205	0.310	0.438	0.615
12-jun	15	0.298	1.346	0.237	0.483	0.659	0.132	0.427	0.169	9.176	0.340	0.324	0.429
12-jun	16	0.299	1.372	0.128	0.402	0.696	0.153	0.464	0.212	8.938	0.259	0.333	0.408
12-jun	17	0.338	1.325	0.175	0.521	0.674	0.159	0.461	0.209	9.242	0.261	0.300	0.501
12-jun	18	0.290	1.043	0.099	0.398	0.661	0.137	0.465	0.158	8.954	0.248	0.363	0.418
12-jun	19	0.291	0.381	0.107	0.429	0.693	0.143	0.459	0.179	8.964	0.229	0.403	0.434
12-jun	20	0.267	0.157	0.122	0.521	0.731	0.150	0.462	0.163	8.800	0.242	0.329	0.410
12-jun	21	0.314	0.059	0.168	0.831	0.701	0.179	0.481	0.182	8.829	0.200	0.333	0.374
12-jun	22	0.360	0.072	0.180	0.513	0.700	0.174	0.609	0.195	8.759	0.199	0.389	0.445
12-jun	23	0.203	0.100	0.099	0.242	0.704	0.127	0.419	0.217	8.452	0.211	0.329	0.350
13-jun	00	0.145	0.059	0.099	0.376	0.666	0.098	0.301	0.142	8.257	0.240	0.312	0.435
13-jun	01	0.282	0.059	0.134	0.526	0.799	0.166	0.312	0.254	8.626	0.244	0.382	0.650
13-jun	02	0.264	0.059	0.130	0.615	0.813	0.171	0.316	0.249	8.426	0.264	0.368	0.651
13-jun	03	0.294	0.059	0.104	0.371	0.702	0.157	0.279	0.205	8.346	0.224	0.286	0.452
13-jun	04	0.323	0.059	0.126	0.622	0.782	0.198	0.382	0.248	9.062	0.223	0.290	0.559
13-jun	05	0.292	0.059	0.121	0.582	0.825	0.184	0.330	0.276	8.659	0.256	0.316	0.600
13-jun	06	0.425	0.059	0.221	0.810	0.800	0.178	0.390	0.284	8.585	0.238	0.354	0.581
13-jun	07	0.906	0.059	0.491	0.920	0.901	0.281	0.650	0.408	9.063	0.296	0.361	0.841
13-jun	08	0.676	0.089	0.365	0.718	0.851	0.260	0.773	0.415	9.135	0.281	0.381	0.768
13-jun	09	0.655	0.176	0.361	0.982	0.842	0.308	0.706	0.367	9.190	0.372	0.394	0.791
13-jun	10	0.741	0.298	0.421	0.797	0.885	0.296	0.834	0.428	9.400	0.366	0.392	0.843
13-jun	11	0.641	0.494	0.403	0.834	0.872	0.266	0.817	0.448	9.527	0.396	0.378	0.666
13-jun	12	0.616	0.826	0.377	0.866	0.774	0.229	0.740	0.314	9.677	0.269	0.359	0.486
13-jun	13	0.654	0.895	0.519	1.285	0.775	0.227	0.656	0.384	12.230	0.250	0.356	0.411
13-jun	14	0.514	1.083	0.261	0.954	0.750	0.191	0.702	0.338	9.772	0.238	0.328	0.500
13-jun	15	0.467	1.226	0.369	0.708	0.748	0.167	0.587	0.241	9.333	0.277	0.349	0.386
13-jun	16	0.337	1.608	0.177	0.457	0.710	0.133	0.472	0.143	8.948	0.126	0.284	0.471
13-jun	17	0.408	1.265	0.174	0.657	0.682	0.132	0.427	0.190	8.927	0.248	0.329	0.484
13-jun	18	0.328	1.075	0.231	0.510	0.676	0.158	0.452	0.208	8.670	0.226	0.341	0.359
13-jun	19	0.302	0.493	0.147	0.717	0.660	0.147	0.482	0.176	8.695	0.218	0.299	0.447

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
13-jun	20	0.316	0.091	0.175	0.548	0.749	0.180	0.458	0.202	8.777	0.247	0.335	0.347
13-jun	21	0.313	0.059	0.138	0.518	0.733	0.196	0.593	0.231	8.950	0.242	0.365	0.481
13-jun	22	0.309	0.059	0.180	0.711	0.733	0.172	0.567	0.203	8.895	0.251	0.330	0.442
13-jun	23	0.317	0.081	0.164	0.612	0.737	0.167	0.443	0.177	8.661	0.244	0.391	0.451
14-jun	01	0.298	0.105	0.138	0.756	0.760	0.155	0.500	0.250	8.848	0.314	0.371	0.398
14-jun	02	0.309	0.100	0.179	0.817	0.767	0.191	0.544	0.235	8.969	0.231	0.361	0.390
14-jun	03	0.240	0.088	0.099	0.506	0.728	0.171	0.368	0.263	8.559	0.233	0.306	0.517
14-jun	04	0.294	0.086	0.122	0.482	0.782	0.141	0.351	0.234	8.824	0.190	0.332	0.465
14-jun	05	0.262	0.103	0.098	0.413	0.798	0.153	0.368	0.210	8.936	0.194	0.342	0.445
14-jun	06	0.375	0.096	0.148	0.507	0.860	0.188	0.470	0.312	9.201	0.282	0.401	0.530
14-jun	07	0.408	0.142	0.179	0.831	0.847	0.212	0.496	0.281	9.428	0.262	0.394	0.626
14-jun	08	0.692	0.117	0.367	0.724	1.050	0.359	0.953	0.455	10.369	0.344	0.511	0.838
14-jun	09	0.615	0.171	0.355	0.673	1.049	0.284	0.796	0.269	9.821	0.326	0.453	0.708
14-jun	10	0.743	0.322	0.443	0.870	1.023	0.328	0.989	0.411	10.237	0.475	0.604	0.834
14-jun	11	0.865	0.581	0.504	1.094	1.043	0.346	1.186	0.474	10.404	0.466	0.560	0.769
14-jun	12	0.808	0.781	0.469	0.993	1.045	0.298	1.113	0.508	10.033	0.429	0.472	0.629
14-jun	13	0.577	1.216	0.386	0.945	0.902	0.237	0.775	0.337	9.415	0.276	0.371	0.478
14-jun	14	0.359	1.380	0.206	0.710	0.772	0.157	0.487	0.228	8.605	0.197	0.336	0.347
14-jun	15	0.227	1.669	0.152	0.449	0.690	0.084	0.339	0.226	8.286	0.191	0.289	0.269
14-jun	16	0.260	1.410	0.203	0.352	0.803	0.101	0.382	0.182	8.240	0.195	0.298	0.491
14-jun	17	0.216	1.442	0.099	0.426	0.743	0.104	0.299	0.140	8.119	0.232	0.293	0.320
14-jun	18	0.193	1.346	0.180	0.428	0.665	0.070	0.316	0.148	8.119	0.218	0.319	0.321
14-jun	19	0.163	0.720	0.099	0.389	0.666	0.094	0.317	0.121	8.090	0.223	0.292	0.348
14-jun	20	0.516	0.375	0.350	0.814	0.745	0.187	0.509	0.259	9.583	0.258	0.352	0.453
14-jun	21	0.620	0.082	0.374	0.770	0.770	0.185	0.520	0.282	10.815	0.239	0.382	0.550
14-jun	22	0.468	0.089	0.250	0.540	0.777	0.211	0.637	0.217	9.350	0.279	0.353	0.490
14-jun	23	0.418	0.145	0.221	0.638	0.836	0.201	0.640	0.227	9.383	0.262	0.357	0.476
15-jun	00	0.504	0.145	0.296	0.741	0.825	0.223	0.611	0.296	9.449	0.314	0.396	0.457
15-jun	01	0.974	0.163	0.723	1.670	0.900	0.301	0.890	0.333	10.044	0.406	0.503	0.614
15-jun	02	1.338	0.107	0.865	1.918	0.911	0.347	0.907	0.381	9.836	0.313	0.447	0.527

Fecha	Hora	2-metilpentano + 3-metilpentano	isopreno	n-hexano	Cis-2-hexeno	benceno	2-metilhexano	2,2,4-trimetilpentano	n-heptano	tolueno	2-metilheptano	3-metilheptano	n-octano
15-jun	03	0.392	0.091	0.163	0.617	0.907	0.175	0.414	0.264	9.002	0.282	0.354	0.491
15-jun	04	0.295	0.123	0.124	0.520	0.980	0.177	0.344	0.259	9.125	0.370	0.377	0.476
15-jun	05	0.334	0.121	0.141	0.609	1.321	0.211	0.392	0.292	8.821	0.328	0.389	0.746
15-jun	06	0.310	0.134	0.155	0.518	1.179	0.184	0.418	0.316	8.476	0.284	0.361	0.780
15-jun	07	0.536	0.089	0.209	0.555	1.140	0.237	0.632	0.363	8.788	0.311	0.457	0.825
15-jun	08	0.452	0.141	0.213	0.444	1.037	0.277	0.649	0.431	8.723	0.290	0.365	0.854
15-jun	10	1.226	0.396	0.782	1.466	1.442	0.491	1.554	0.582	10.839	0.434	0.554	1.161