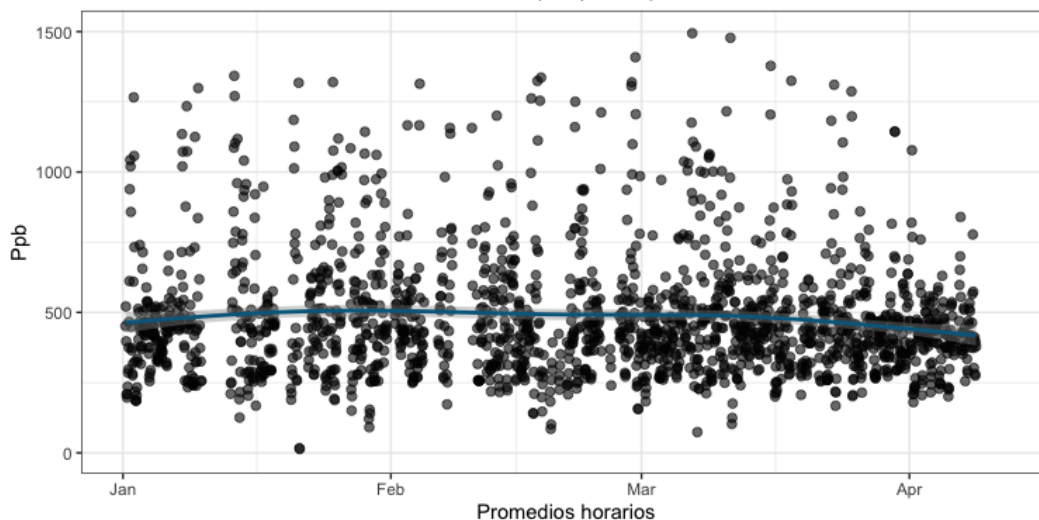


# REPORT OF CONTAMINATION AT THE BEGINNING OF CONTINGENCY BY COVID19 IN THE CITY OF LA PAZ, BCS

JANUARY - APRIL 2020

Graph 1: Carbon Monoxide Trend (CO). Graph to analyze the trend due to the coronavirus and its impact on mobility, in the graph values it is seen a little decrease.

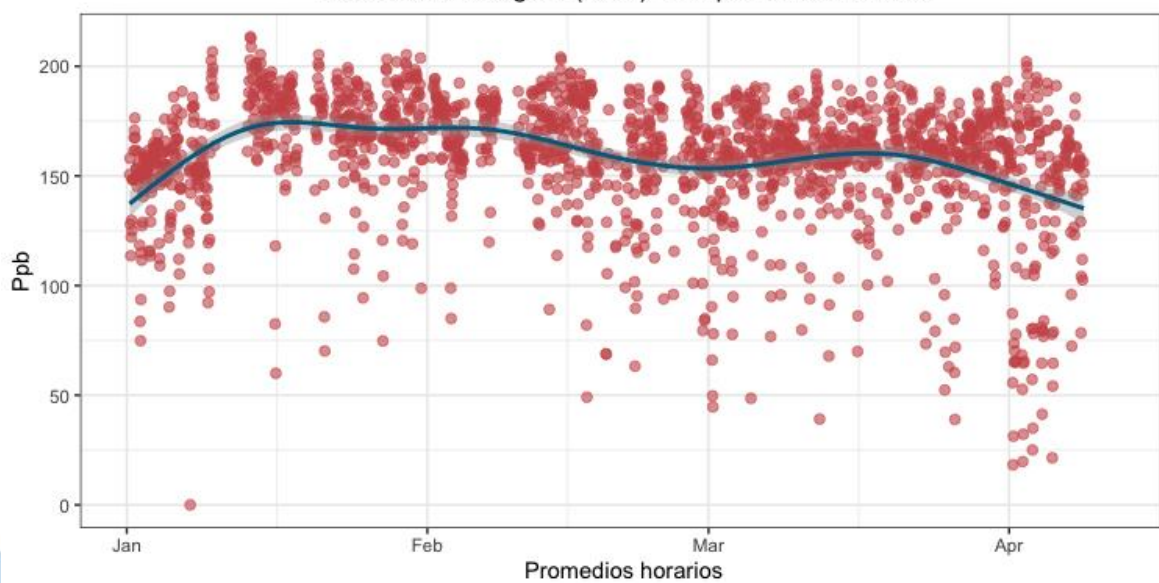
Monóxido de Carbono(CO) - Preparatoria Morelos



Source: CERCA monitoring network 2020

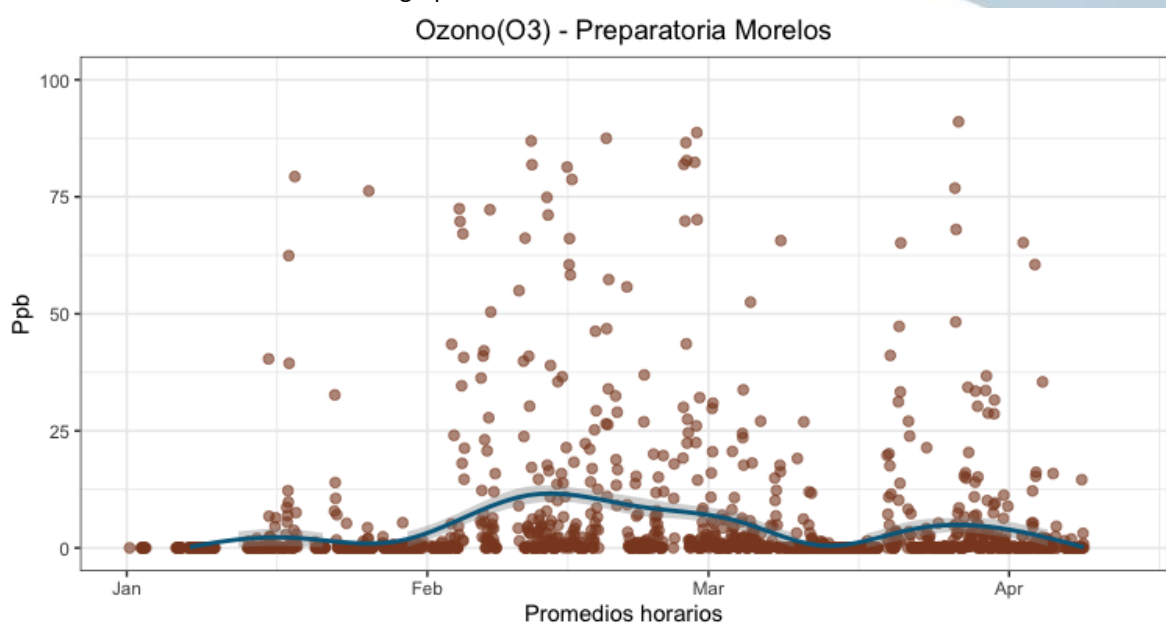
Graph 2 Nitrogen dioxide (NO<sub>2</sub>) Trend. Graph to analyze the trend due to the coronavirus and its impact on mobility, in the graph values it is seen a little decrease.

Dióxido de Nitrógeno(NO<sub>2</sub>) - Preparatoria Morelos



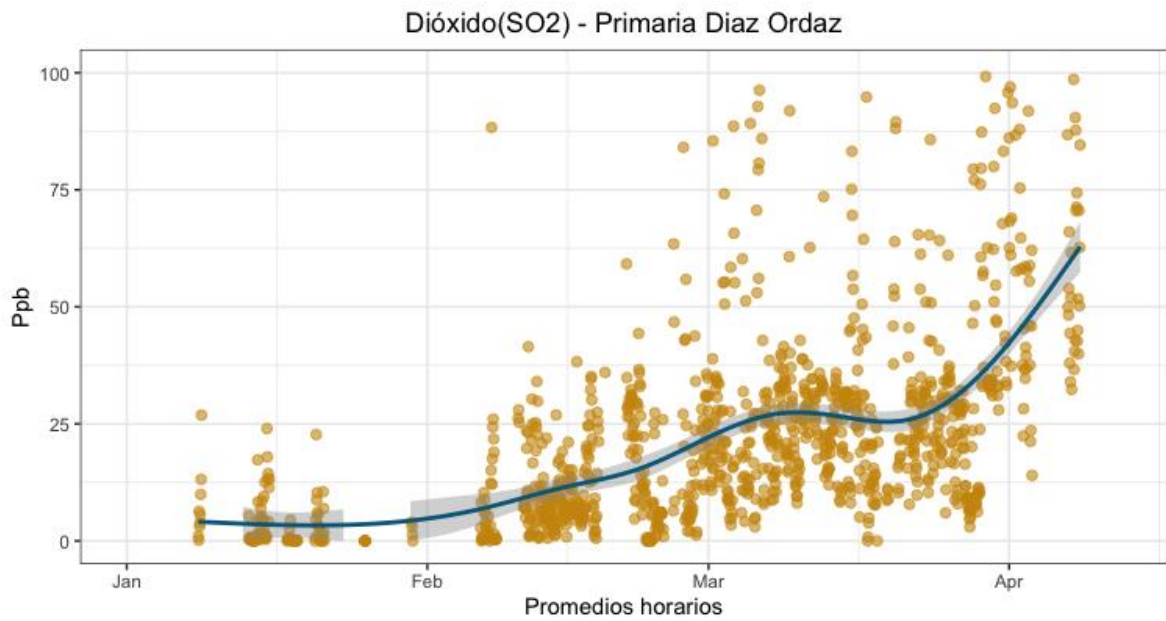
Source: CERCA monitoring network 2020

Graph 3. Ozone (O<sub>3</sub>)Trend. Graph to analyze the trend due to the coronavirus and its impact on mobility, in the graph values it is seen a little decrease.



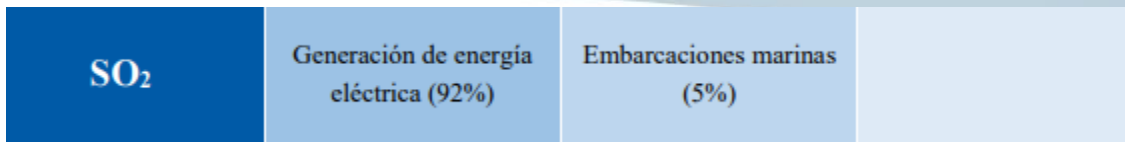
Source: CERCA monitoring network 2020

Graph 4. Sulphur dioxide (SO<sub>2</sub>) Trend. Graph to analyze the trend due to the coronavirus and its impact on mobility, in the graph values it is seen big increase.



Source: CERCA monitoring network 2020

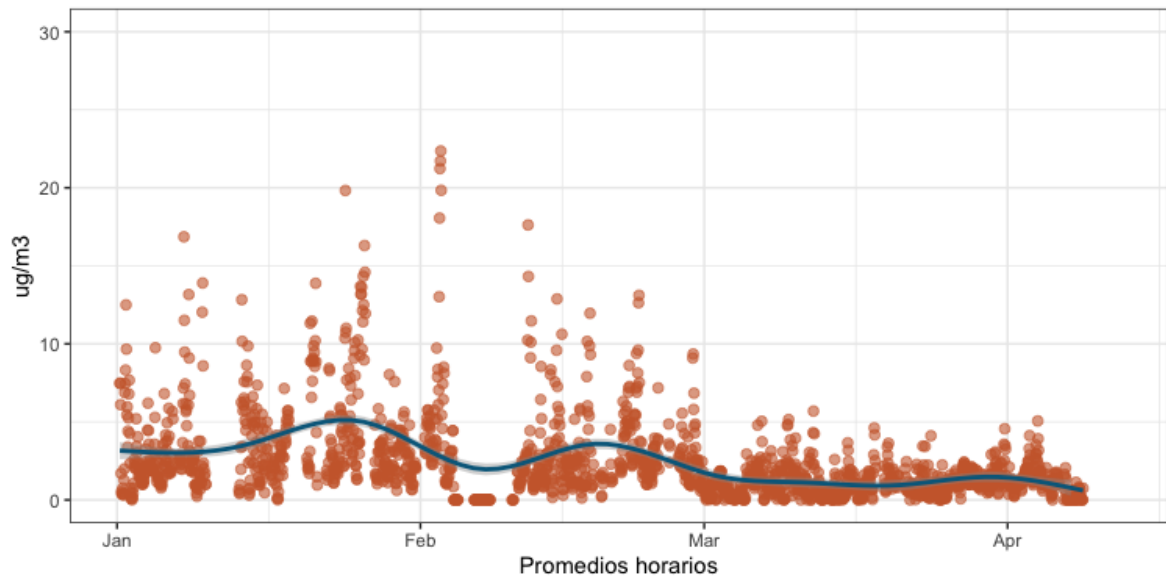
Graph 5. Emissions by Sulphur dioxide(SO<sub>2</sub>)



Source: PROAIRE BCS, 2018

Graph 6. PM<sub>2.5</sub> Trend. Graph to analyze the trend due to the coronavirus and its impact on mobility, in the graph values it is seen a little decrease.

Material Particulado (PM 2.5) - Preparatoria Morelos



Source: CERCA monitoring network 2020

## Conclusions

After analyzing the data on the main mobility-related pollutants in the city of La Paz, the decrease in pollution has been detected due to having less transport circulation in the city it is not significant.

Increase in the concentration of SO<sub>2</sub> is multifactorial, it could be related in the first instance to the high demand for energy in homes, when staying at home consumption increases, combined as on previous occasions with the lack of maintenance of some of the units in the power plants operating in La Paz and ships and boats anchored in the bay of La Paz.