

WHAT YOU NEED TO KNOW ABOUT

# CLIMATE CHANGE



& PALO CORONA  
REGIONAL PARK

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# CLIMATE VS WEATHER

## WEATHER

Outdoor conditions, such as rain or temperature, at a given place and time (like if it rained in Monterey on Tuesday)

## CLIMATE

The average weather patterns of an entire area over a longer period of time (like the Monterey Peninsula being cool most of the year)





**Climate Change** means changes  
in our average climate patterns  
- not just changes in our  
day-to-day weather.





When we burn fossil fuels like coal, oil and gas, we release excess carbon dioxide into the atmosphere.

This acts like a blanket around the earth, holding heat in and causing the atmosphere and the ocean to warm.

(NNOCCI)







As a whole, California is expected to face increases in temperature, water shortages, wildfires and sea level.

(State of California)

How big these increases are depends on how much we're able to decrease our greenhouse gas emissions, aka how much coal, oil & gas we burn.

**FEWER EMISSIONS = FEWER PROBLEMS**





Inland areas of the Monterey Peninsula like Palo Corona are expected to be at higher risk for:

- Wildfires
- Stronger storms
- More droughts
- Increased temperatures
- Fog changes

(Climate Committee)



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## WHAT CAN YOU DO?

- **Vote** for people committed to protecting the environment and stopping climate change
- **Volunteer** with local organizations that help the environment: [www.mprpd.org/volunteer-community-alive](http://www.mprpd.org/volunteer-community-alive)
- **Write** or call your local or state representatives to let them know you are concerned about climate change and want them to take action
- **Know** that by working with your community, you can make a difference!





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## SOURCES

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