

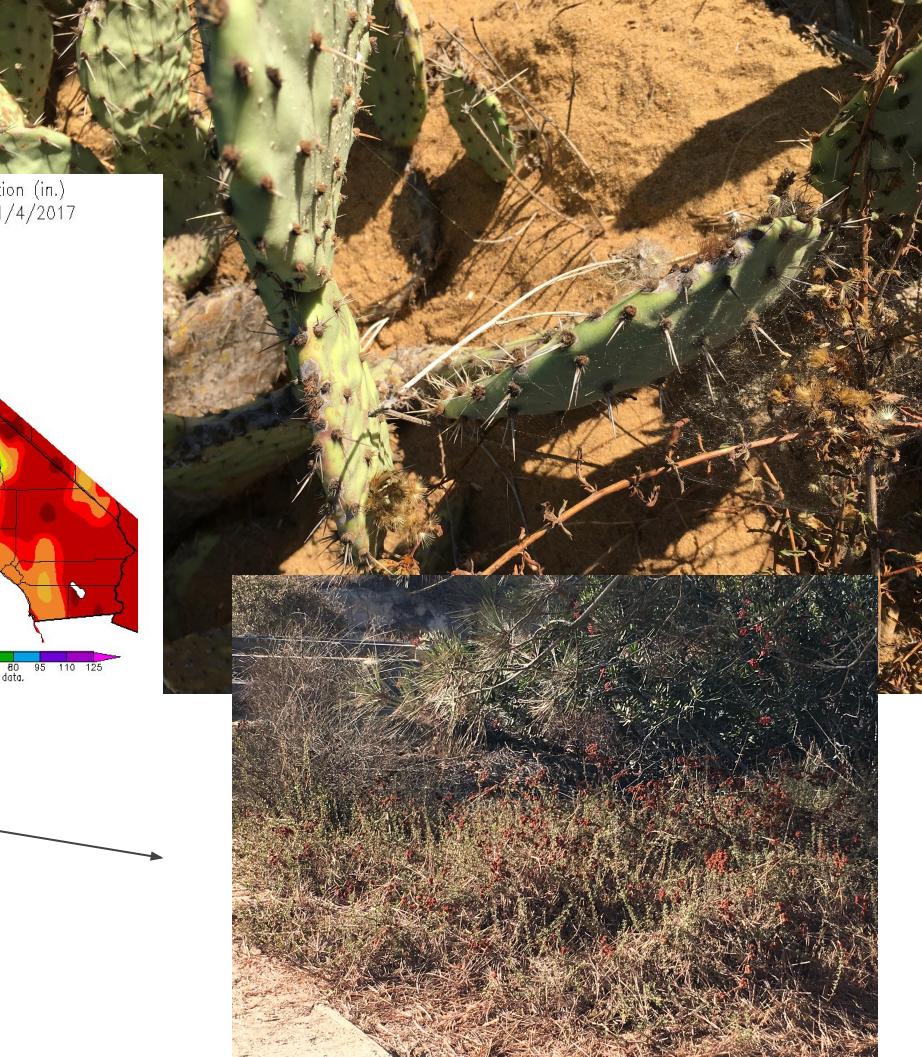
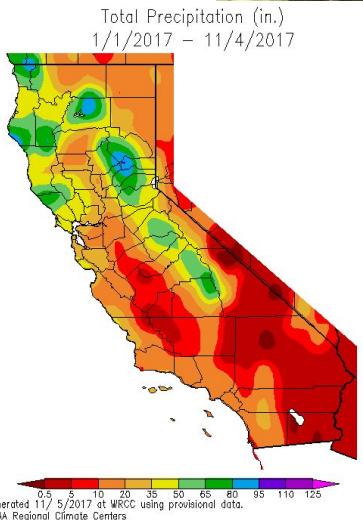
Torrey Pines State Natural Reserve

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Drought

- We have had very little rain this year
- Plants are struggling to survive
 - As depicted in the picture, cacti are suited for hot temperature
- Everything is extremely brown
- Not much greenery beside plants that are used to the lack of water, like cacti
- Flowered plants cannot withstand the heat and lack of water
- As one can see in the picture, Southern California is orange and red meaning that there hasn't been much rainfall, causing the drought.





Where are the animals?

- Animal populations are extremely scarce
- Deforestation
 - We are taking animals homes away
 - Humans just imply going on hikes is invading animal habitats
- Humans
 - Thousands of people walk through here daily, putting extreme pressure on animals and the environment
- Littering
 - People don't clean up their trash, and animals eat and die this human waste
 - We witness wrappers, bottles, and bags on the trail





The Heat

- High temperatures compared to years past
- This combined with a lack of water causes plants to dry up and die
- Very little greenery
- Cacti are the only plants that can thrive in these conditions
 - No other plants have developed traits to survive the heat like the cacti or chaparral
- The high temperatures in addition to human interference have caused animals to either die or migrate out of the area
 - Frankly, there hasn't' been many conscious efforts to improve these conditions for natural habitats





Limited Oxygen

- Most of the oxygen source is consumed by animals
 - However, due to human interference, drought, and uncomfortable living conditions, animals have left and the animal numbers are currently down at Torrey Pines
- Since there is little plant life due to deforestation, the drought, and a hot climate, the oxygen consumed cannot be replaced at an equal rate
- Widely believed to be absorbed in CO₂ however studies found that it has absorbed very little CO₂ from the fossil fuels.





A Food Source, For what?

- These berries are a food source for the smaller insects in the area
- Many trees full of berries
 - Not many animals to eat them, only the insects
- These kind of berries are often in the shade of trees
 - This is why they tend to be in good health and standing, as depicted in the picture





Citations

<https://www.sandiego.org/articles/parks-gardens/torrey-pines-state-natural-reserve-park.aspx>

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