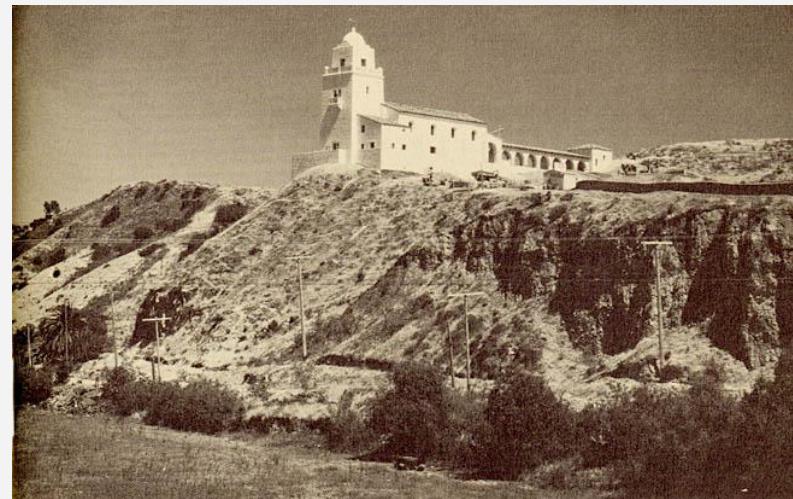


Presidio Park

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History → Modern Day

- The Presidio fort and San Diego Mission founded in 1769 by the first European settlers
 - Fort abandoned - settlers moved to Old Town
 - In 1907, property was bought to preserve for historical purposes by George
 - 1925 - park donated to the city
- 40 acres of park for recreation, weddings, ceremonies, etc.
- Junipero Serra Museum - advertises cities founding



www.sandiegohistory.org

Hypothesis

- We hypothesize this forest area to have a lot of deadwood due to the severe drought that California is experiencing and the industrial setting surrounding and polluting the area. In addition, since the area is such a popular place due to the old presidio, we think that there will be a big human impact evident through lots of litter and little wildlife.
 - Expected to see deadwood, litter, leaf litter, trees, greenery + signs of drought



www.sasaki.com

Preservation

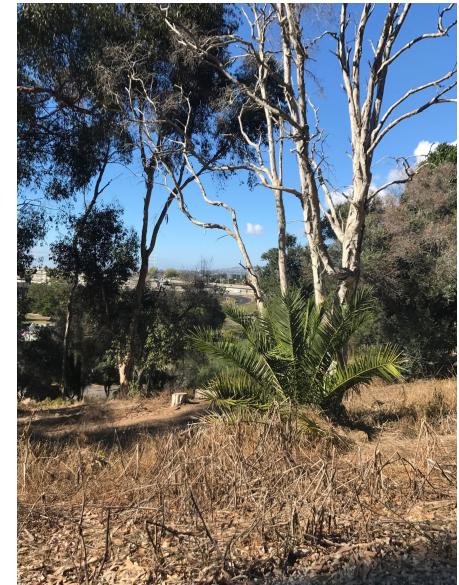
- Due to the fact that Presidio Park has such an important history and since many people visit everyday the park is well preserved and watered
- Allows trees and grass to thrive
- Lots of greenery evident throughout the park



Deadwood

- While some of the park is well preserved and watered some is not...
- Lots of deadwood due to a severe lack of water
- California Drought is a factor in the death of many trees at Presidio Park
- The industrial setting around the park produces a lot of pollution that can lead to a decrease in plant health
- While the average temp in Presidio Park is around 65-70 degrees, we only get about 10.4 inches of rain per year and only 43 days a year, making it very hard for trees like this to survive

[https://www.usclimatedata.com/climate/san-diego/california/united-states
/usca0982](https://www.usclimatedata.com/climate/san-diego/california/united-states/usca0982)



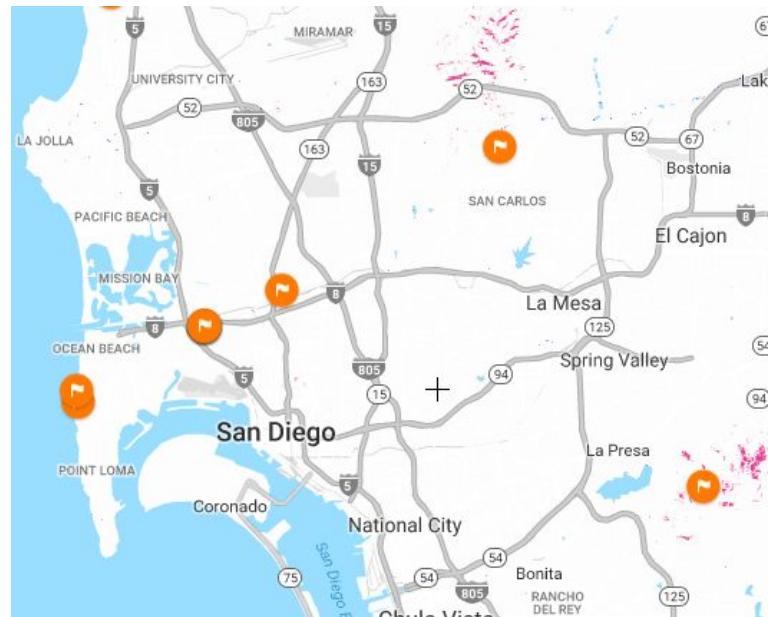
Human Impact

- Historical significance of the park as well as its pleasant environment makes it a popular site for humans.
 - Playgrounds, weddings, picnics, ceremonies, museum, hiking trails
- Litter is the direct result of human presence in a given area
 - Decreases the overall health of the forest and hurts the plants and animals that may live there.
- The big human impact in Presidio Park has resulted in little to no wild life living in the area



What does GFW show?

- Global Forest Watch map does not show much about drought in Presidio Park which means area is well maintained and plenty of green
- No signs of tree cover loss which results in shelter for other plants and animals
- Shows that there is a lot of tree cover and conservation throughout park



What do other sources say?

- Many sources advertise the greenery and spaciousness of Presidio Park for people to travel to
 - According to San Diego Parks, presidio Park has numerous trees and large spacious grass areas that make it a great place for weddings, ceremonies, and other recreational activities.
 - encourages tourism and profits from it.
- Reviews on Yelp describe the park as being either grassy and green, or dry and dying - depending on what part of the park they were in.
 - Activities
- www.hiddensandiego.net talks about the hiking trails and greenery in the park as well



Conclusion

Was our hypothesis correct? **Yes.**

- The forest is clearly in good condition
 - But we did see significant amounts of litter, deadwood, and dry area
 - Park is suffering from lack of water.
 - Such sightings were expected due to recent California drought

Do we agree with the other sources?

- Not a lot of wildlife at all in the park → possibly due to the amount of human interaction
 - Despite this, we agree with the sources that the park is healthy overall and clearly well preserved



Bibliography

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Our photos

