



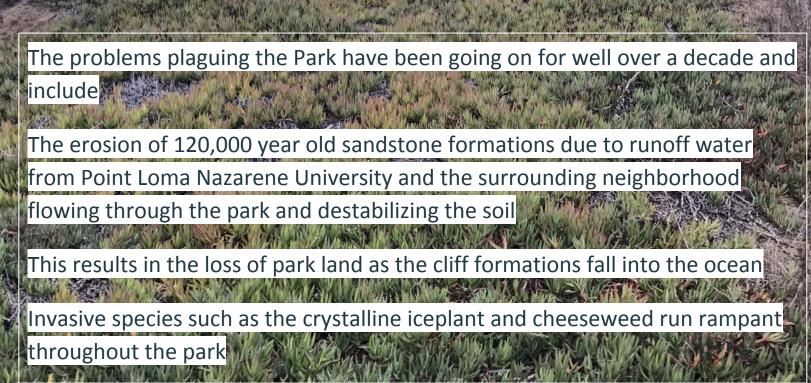
## Our Hypothesis

After a thorough examination of the forest, we believe that although conditions can be significantly improved, the foliage at Sunset Cliffs National Park is nonetheless in a fair state because the lively green area in the canyon balances the vast dry stretches outside of it.



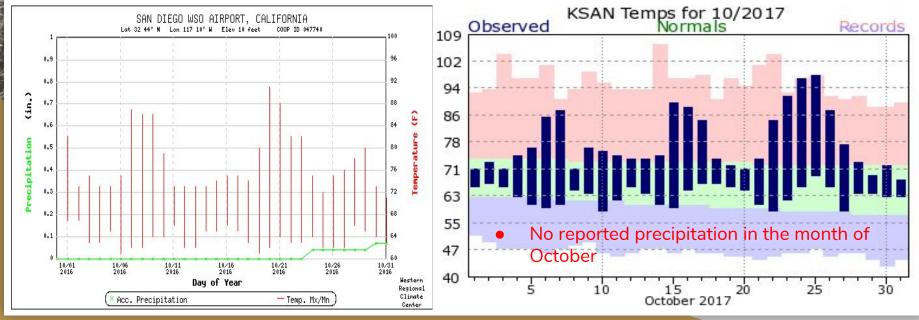






## Temperature and Rainfall

- The data (as shown in the graphs below) reports no significant statistical difference in temperature between 2016 and 2017 but it does show a major difference between the past two years and the thirty year average in both temperature and precipitation
- Most Concerning Statistic: There was **no reported rainfall for the entire month of October** (more than a half inch below the average)



## Conclusion

Our hypothesis severely underestimates the structural issues of Sunset Cliffs Natural Park due to the possibility of vast



## Bibliography

Canyoneers, The. "San Diego Reader." Sinister Nonnatives at Sunset Cliffs Natural Park, San Diego Reader, 5 Apr. 2017, www.sandiegoreader.com/news/2017/apr/05/roam-sunset-cliffs/. This article made us aware of the problem of invasive species at our forest, Sunset Cliffs National Park

Institute, World Resources. "Global Forest Watch." *Global Forest Watch Map*, Global Forest Watch, 3 Nov. 2017, www.globalforestwatch.org/map/3/15.00/27.00/ALL/grayscale/loss,forestgain?tab=analysis-tab&begin=2001-01-01&end=2017-01-01&threshold=30&dont\_analyze=true. This source helped us realize exactly how barren the vast majority of the park is.

Lewis, Rob. "As Sunset Cliffs Shrinks, City Looks for Answers." *Voice of San Diego*, Voice of San Diego, 16 July 2007, www.voiceofsandiego.org/topics/news/as-sunset-cliffs-shrinks-city-looks-for-answers-3/. This source gave us useful and important information about the erosion at Sunset Cliffs and how it has accelerated in the last several decades.

Ruiz, Sebastian. "Cliff Erosion, Safety Take Center Stage." *Issuu*, The Peninsula Beacon, 21 Jan. 2009, issuu.com/sdcng/docs/bcn\_01-22-09. This source showed how the path to improving safety and reducing erosion at the Park could easily fall into petty politics and never happen in a way that would actually solve anything.

US Department of Commerce, NOAA, National Weather Service. "National Weather Service." *Western Region Headquarters*, NOAA's National Weather Service, 1 Nov. 2017, www.wrh.noaa.gov/mesowest/timeseries.php?wfo=&sid=KSAN&num=48. This source gave us detailed data on temperature and rainfall in San Diego and allowed us to make conclusions about the weather.