



Elfin Forest Project

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**What do our photos
show?**

Water and Drought

The forest seems to be in good shape with regards to water; this stream is flowing quite well. Some vegetation did seem to lack adequate water but it is most likely due to summer heat.



Tree Bark

Some trees were losing some of their bark. We are not sure of the cause. Possibly bark beetles?



Other Vegetation Condition

There was quite a bit of dry brush in the forest most likely due to our very warm summer and lack of rain in past months.



Leaf Disease?

We noticed something on many leaves in the forest. There was often a black patchy growth on the leaves. We are unsure what this exactly is, but we think it could be some sort of disease. One source suggested it could be a bacterial disease.

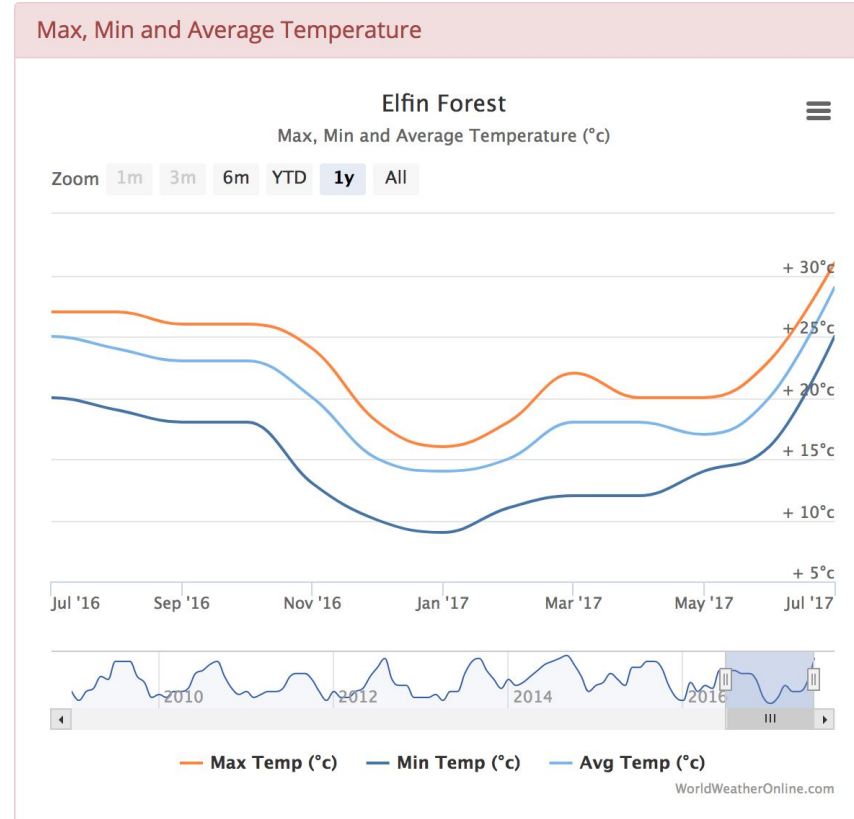


General Condition of Forest

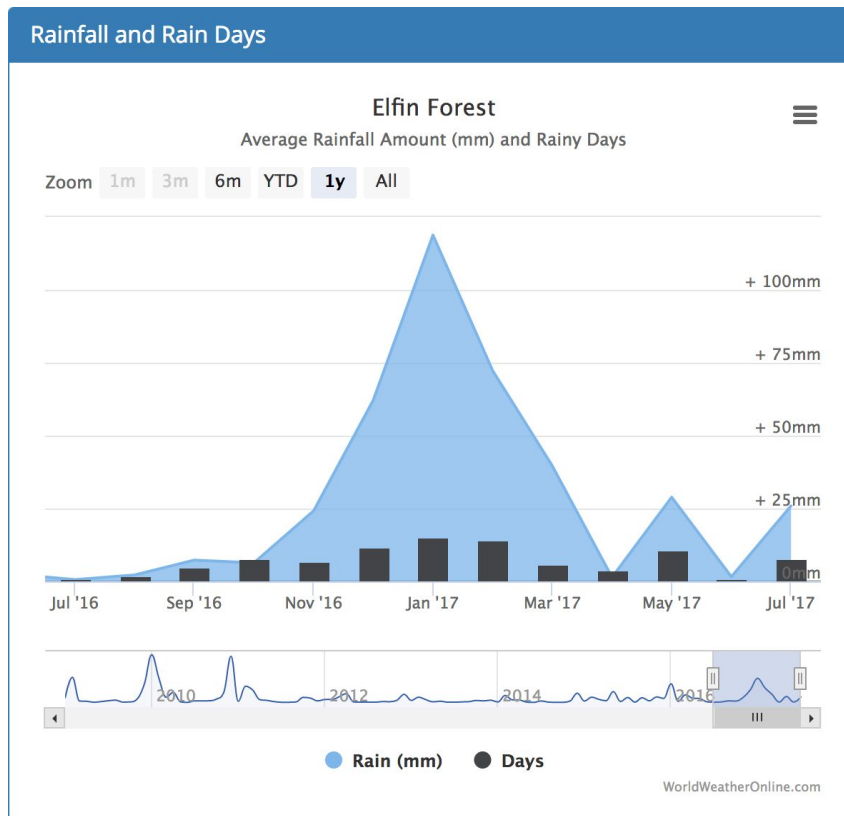
The forest seems to be in overall good condition with a few issues such as the bark and dead brush, however, the brush is likely just a symptom of California summer. Global forest watch shows some new tree cover in a portion of the forest and some tree loss in another portion. We did not experience any new trees or cut down trees in the part we visited.



Average Temperature



Average Rainfall





Bibliography

<https://www.extension.umn.edu/garden/yard-garden/trees-shrubs/management-of-leaf-spot-diseases/>

http://www.globalforestwatch.org/map/13/33.08/-117.14/ALL/grayscale/loss,forestgain?tab=analysis-tab&begin=2001-01-01&end=2017-01-01&threshold=30&dont_analyze=true