



Julian, CA

My pictures show a variety of plants, bushes and trees a little off the side of a main road. Instead of having a big cluster of bushes in one area, the plants were scarce and there were only clumps of plants in specific areas. There were a few trees located next to the road but as the forest deepened, the trees became denser. My pictures also contained plants behind barbed wire probably to keep people from crossing the barrier to protect the wildlife. For this reason, my group and I weren't able to go deeper into the forest because for one, there was private property a little off the road and second, there was a barricade blocking us from exploring the rest of the forest. There were also leaves covering the forest floor and in our other photos, there was an entire mountainside covered with burnt and dry trees.

From my photos, I can infer that the forest is a protected forest because people are taking steps to protect the plants there, by putting up barricades to prevent people from venturing too far. I can also infer that there is a variety of plants located in Julian and instead of being focused in one area, they are scattered everywhere throughout the forest. In certain photos it definitely appears that the forest is relatively healthy because the leaves weren't dry and the ground was moist. But, in other photos, like the one with burnt trees covering the mountain, it is apparent that there has been a recent forest fire and the forest hasn't been able to recover yet. Also, my group took other photos and of these we took close up pictures of the burnt forest floor as well as close photos of the trees. From these photos, it is obvious that the fire was not concentrated in one area but instead, spread throughout various parts of the forest.

While looking at the Global Forest Watch, I found some data related to the tree loss. In fact, the Global Forest Watch says that there has been a decent amount of tree loss throughout Julian and there has been more tree loss than tree cover. In the past year, it actually says there has been a lot of tree cover loss with greater than 30% canopy density.

Further research on Julian has led me to find that there was a fire in October 2003 that caused a loss of \$1.1 billion during that year. This was called the Cedar Fire and it was a wildfire that burned a decent amount of land in California. It was the largest wildfire to ever be recorded in California history and it burned 280,287 acres, 2,820 buildings (including 2,232 homes) and killed 15 people, including one firefighter. It wasn't 100% controlled until December 5th but they were able to start containing it on November 3rd.

In conclusion, I have learned a lot about Julian, especially the fires and loss of tree coverage. There has been a wildfire that affected a large area of Julian but even with that, the forest has been able to survive and has begun to regain some tree coverage. Although it is slowly regaining tree coverage, the loss of tree coverage is still greater.

Sources

1. https://en.wikipedia.org/wiki/Cedar_Fire
2. <http://www.nfpa.org/research/reports-and-statistics/outdoor-fires/largest-loss-wildland-fires>
3. https://www.google.com/maps/d/viewer?mid=zEzjkzC9uV0E.kvxYpfhfxh5U&hl=en_US
4. <http://www.globalforestwatch.org/map>