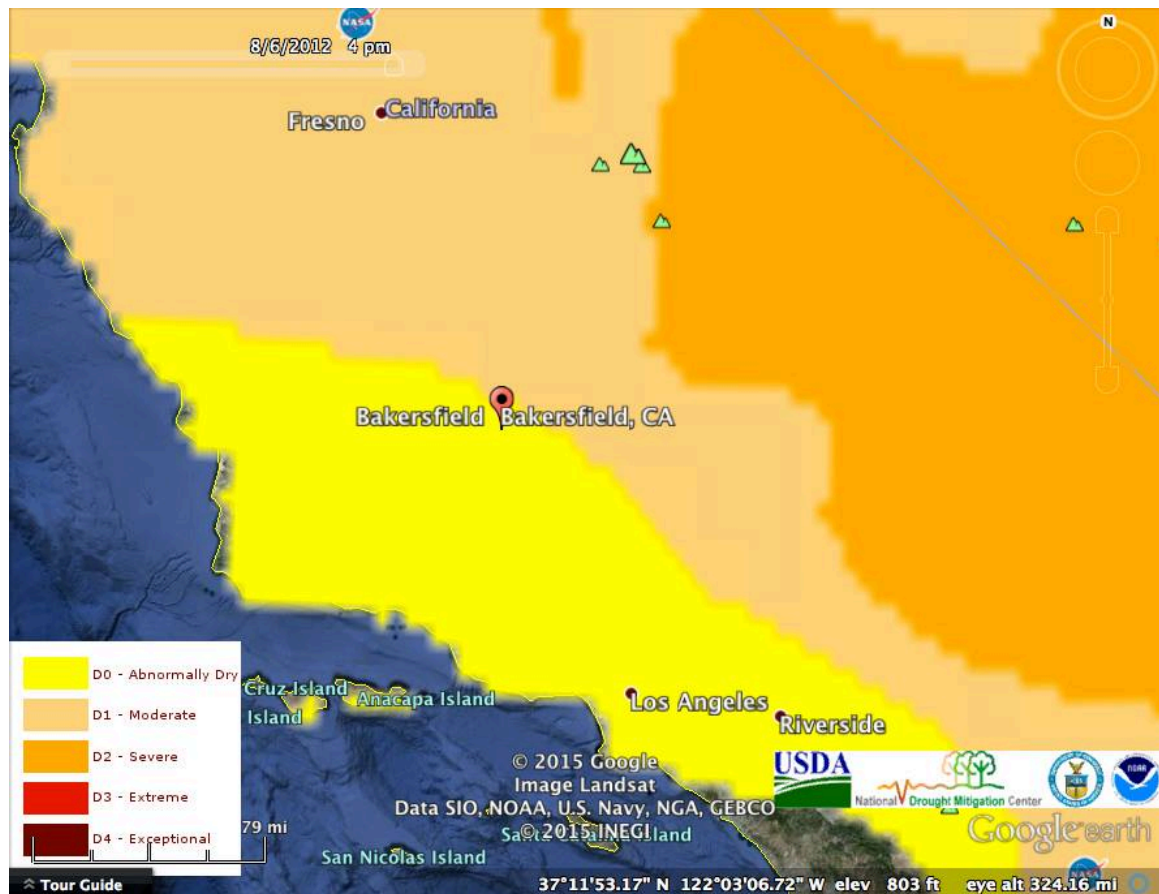


Drought: Bakersfield, CA (Local Scale)

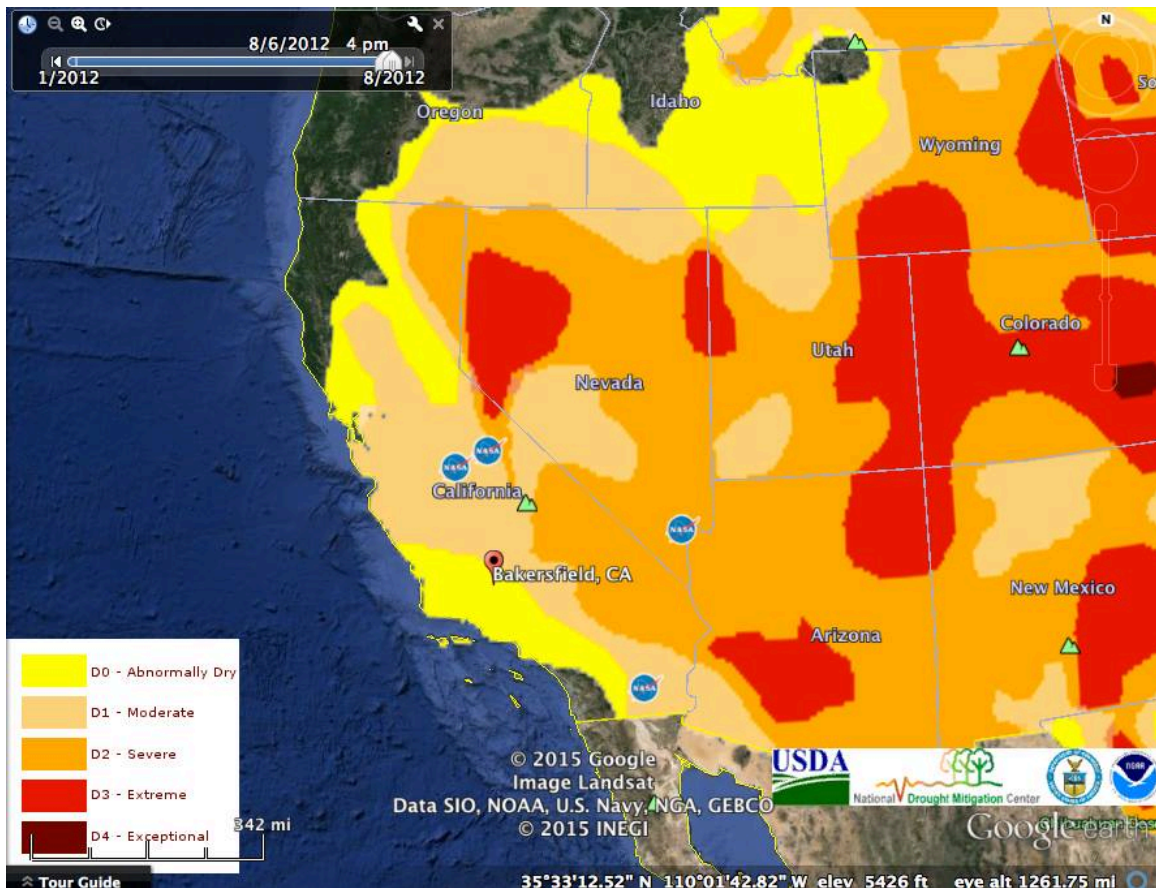


The map shown above is a local scale of droughts occurring in Bakersfield, CA. A drought is a lack of rainfall over a specific length of time. One main cause of a drought is when there's little or no precipitation. California is on the fourth year of severe drought conditions. There's been a drastic increase of water shortages. As a result, many residents are required to cut back on water usage. With so many homes having a grass yard, for example, this is a huge problem in regards to the drought. Working together and minimizing water consumption is essential. Individuals have actually been fined in Los Angeles for water abuse. Adapting to the current climate and conservation will be a helpful factor in moving through these challenging times of drought.

<http://www.livescience.com/51891-why-california-droughts-are-going-to-get-worse.html>

<http://environment.about.com/od/environmentalevents/a/whatisdrought.htm>

Drought in the Western United States (Regional Scale)

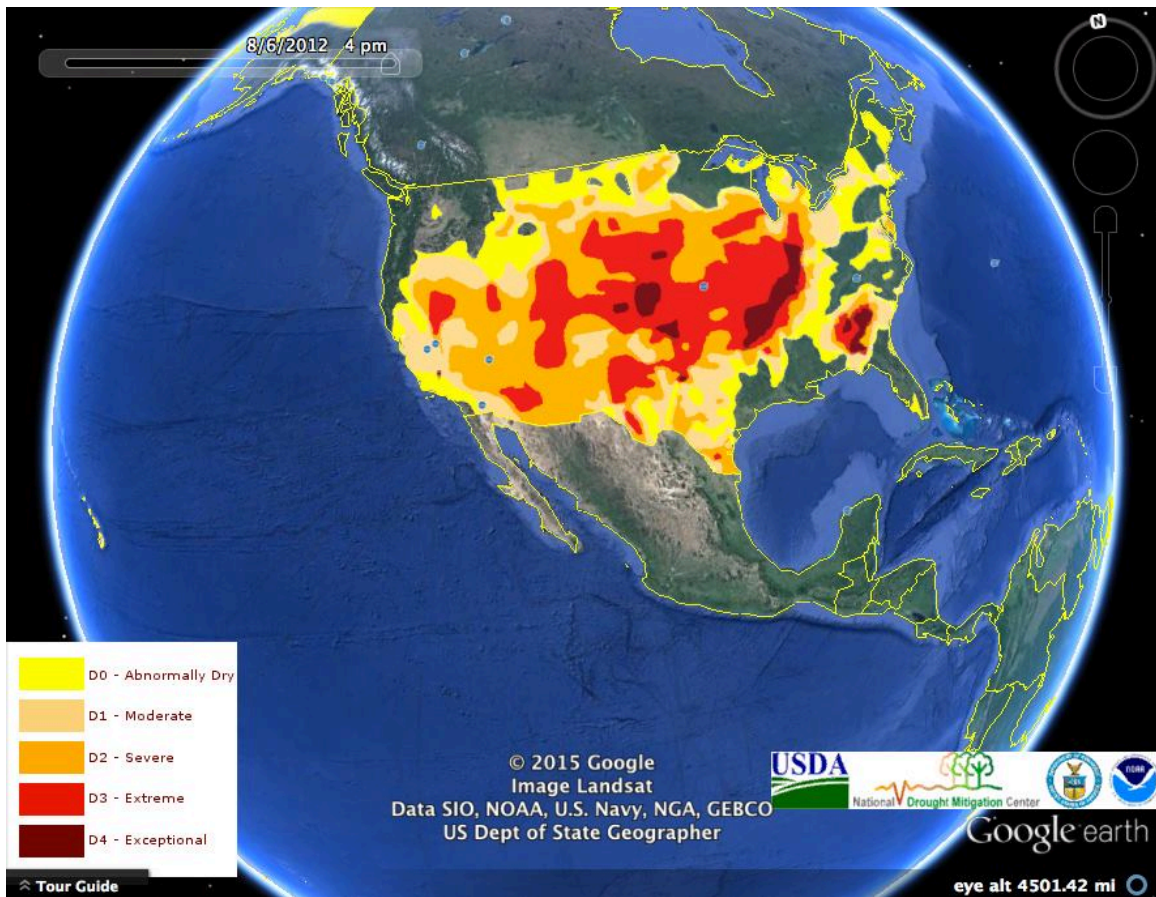


This map depicts a region scale of droughts on the western half of the United States. Several states on the west coast are currently facing severe, moderate, and dry droughts. This weather condition plays a huge impact on humans and nature. The dryness and humidity heavily affects people, animals, and plants. It's a difficult experience to face when there's a shortage of water. Remaining in shady areas or focusing on working early in the day or later afternoon, will help to deal with the heat that comes with the drought, as you will require less cooling. Data shows a death toll of 123, while accumulating well above \$40 billion in devastation in 2012. With a lack of snowfall, the huge drought was the result. It is clear to see the connection with global warming from one nature event to the next.

<http://ca.gov/drought/>

http://www.huffingtonpost.com/belinda-waymouth/there-is-no-drought-in-california_b_7922358.html

Drought in the United States (Global Scale)



This map interprets a global scale of droughts. Droughts often occur when there's a lack of precipitation. Human activity and global warming are a few factors of drought conditions. Deforestation can release huge amounts of carbon dioxide in the atmosphere. In addition, humans greatly contribute to greenhouse gases in the air. Increased air temperatures results in a high chance of fire and dryness. Once again, working together to minimize our carbon footprint is crucial to keep a healthy climate. Getting educated on what you can do is the first step. Understanding the situation will give change a greater chance. Recycling our wastewater would be a great step and developing more rain captures devices, rather than cell phone and cable tv antennas. Coming to terms with water rights and working together like in Israel would be a wonderful direction to begin solving the crisis.

<http://eschooltoday.com/natural-disasters/droughts/factors-that-cause-droughts.html>

http://www.nytimes.com/2015/10/11/opinion/sunday/deforestation-and-drought.html?_r=0