### CLIMATE POWER 2020

# Climate Fires

# Trump Denies Reality And Ignores People Dying From Climate Fires In Blue States

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# **QUICK FACTS**

- As of Sunday, September 14, there were 87 active large fires that have burned <u>4.6 million acres</u> across several western states and have <u>killed at</u> <u>least 35</u> people while Trump has <u>remained silent</u> for weeks.
- Climate change is driving the extreme wildfires we're seeing this year.
   Just last month, a Stanford researcher <u>published a paper</u> linking
   California's changing climate, including hotter temperatures and
   decreased precipitation to increased wildfires. See below for more
   research on the links between climate change and fires.
- Trump called climate change a "hoax" and continues to deny the science and lie about the impacts of climate change.
- The 2017, 2018, and 2019 western wildfire seasons caused <u>a combined</u> \$48 billion in damage and 163 deaths. The human costs are also compounded by exposure to toxic air pollution from wildfire smoke.
- The number of acres that has already burned each season has <u>doubled</u> since 1984.



## **DIG DEEPER**

#### **Happening Now:**

- As of Sunday, September 14, there were 87 active large fires across the west.
  - The fires that are still active have burned 4.6 million acres.
  - More than <u>6 million acres have burned</u> in total during the 2020 fire season so far.
- As of Monday morning (9/14), western wildfires have killed at least 35.
- Residents near 39 large fires in California, Oregon, Washington and Colorado <u>remain under evacuation orders</u>.
- Because of the fires, <u>four of the world's 10 most polluted cities are in the</u>
  <u>West</u>: Portland, Oregon ranks #1, Seattle is #3, San Francisco is #6 and
  Los Angeles ranks #8.
- There are <u>34 active fires</u> across Oregon, <u>13 are considered large</u>, and <u>one million acres have burned</u> (twice the yearly average).
- In California, over 3.3 million acres have burned and currently, there are
  <u>44 active fires</u> with <u>25 designated as large</u>. The August Complex fire is
  only 28% contained and has already burned nearly 900,000 acres alone.
- Washington currently has <u>16 large fires</u> burning that have already scorched over 675,000 acres and has Seattle under a <u>"super-massive"</u> cloud of smoke.

#### This Is Happening Because Of Climate Change:

- Climate change is making conditions <u>hotter and drier</u>, exacerbating fire season and magnifying the devastating impacts of wildfires year after year.
- The <u>2018 National Climate Assessment</u> found "the area burned by wildfire from 1984 to 2015 was twice what would have burned had climate change not occurred."
- A <u>NASA scientist</u> looking at 20 years of satellite data found "where warming and drying climate had increased the risk of fires, we've seen an increase in burning."



- Just last month, a Stanford researcher <u>published a paper</u> linking California's changing climate, including hotter temperatures and decreased precipitation to increased wildfires.
- Northern California summers are <u>2.5 degrees warmer</u> than they were in the 1970s and are expected to heat up another 4.5 degrees by the end of the century.
- As Park Williams, a bioclimatologist at Columbia University's Lamont-Doherty Earth Observatory, <u>explains</u> "The climate-change connection is straightforward: Warmer temperatures dry out fuels. In areas with abundant and very dry fuels, all you need is a spark,"
- A study published in 2015 found that climate change caused an <u>18.7%</u>
  increase in average fire season length and doubled the area of the globe
  that is at risk for wildfires from 1979 to 2013.

#### Trump Denies the Climate Crisis:

- Trump has a long history of calling climate change a "hoax."
- In 2018, thirteen different government agencies <u>published a report</u> that warned of climate change's impacts, including the increasing risks of wildfires, yet Trump said "<u>I don't believe it</u>."
- Trump has continued to lie about these wildfires, blaming California's forest management and stating that these western states needed to <u>"clean" their forest floors.</u>
  - Trump's claims have been de-bunked repeatedly by fact checkers when he made these statements in previous wildfire seasons.

#### It Hurts Real People:

- The 2017, 2018, and 2019 western wildfire seasons caused <u>a combined</u> \$48 billion in damage and 163 deaths.
- According to the NOAA, wildfires emit "substantial amounts" of toxic air pollutants.
- The <u>American Lung Association warns</u> pollution in wildfire smoke "triggers asthma attacks, heart attacks and strokes—and can kill.

#### It's Getting Worse:



- The number of acres that has already burned each season has <u>doubled</u> since 1984.
- The federal government's <u>cost for fighting wildfires</u> has grown over 10 times since 1985.
- <u>Six of the largest 20 wildfires</u> in California's history have happened in late August and early September of 2020.
- According to a study published by Earth's Future in 2019, California wildfires have increase in size eightfold, burning an area nearly 500% bigger than in the 1970s.