Multisensor Fire Observations

ERN Item Type:
- Videos or Animations

Organization:
National Aeronautics and Space Administration (NASA)

Website Link:
https://svs.gsfc.nasa.gov/vis/a000000/a002700/a002707/

Description:
From space, we can understand fires in ways that are impossible from the ground. New Earth-observing satellites capture the significant impact of fires on our planet. In this animation of fires around the globe in 2002, each red dot marks a new fire. Dots change color to yellow after a few days and to black when the fire burns out. From brush fires in Africa to forest fires in North America, satellites are locating every significant fire on Earth to within one kilometer. In the summer and fall burning seasons, particularly destructive fires occurred in Colorado, Arizona, and Oregon.

Publication Year:
2003

Grade Level:
- K
- 1
- 2
- 3
- 4
- 5
- 6
Tags:

- forest fire
- wildfire
- nasa
- natural hazards
- k-5 geosource
- k-3
- k-4
- k-5
- k-6
- k-8
- k-9
- k-12
- 6-8
- 9-12
- elementary school
- middle school
- high school

Earth Science Big Ideas:

- Big Idea 3

Is this tagged to NGSS by the organization?:

No

NGSS Crosscutting Concepts:

- Patterns
- Scale, proportion, and quantity

NGSS Science and Engineering Practices:

- Analyzing and interpreting data
- Obtaining, evaluating, and communicating information