



# NOAA Jeopardy

## Grades 9-12: Satellites

### Available Categories

- Remote Sensing
- Satellites

### Remote Sensing

Answer	Question
Observation technology found above 160 miles	What are satellites?
Finds you when you are lost	What is SARSAT?
The first satellites were used for this	What is communication?
Two main types of environmental satellites	What are polar orbiting and geostationary?
Measurement of ocean bottom topography	What is bathymetry?
Observation technology found above 160 miles	What are satellites?
Finds you when you are lost	What is SARSAT?



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The first satellites were used for this	What is communication?
Two main types of environmental satellites	What are polar orbiting and geostationary?
Measurement of ocean bottom topography	What is bathymetry?

## Satellites

Answer	Question
Agency which is prime customer for the satellite data and images produced by NOAA satellites and uses the data to create forecasts for television, radio, and weather advisory services	What is the NOAA National Weather Service?
These satellites maintain a continuous data stream in support of the National Weather Service requirements by sending weather data and pictures that cover various sections of the United States	What is GOES?
This satellite system offers the advantage of daily global coverage, with morning and afternoon orbits that deliver global data, for improvement of weather forecasting	What is POES?
This system uses NOAA satellites in low-earth and geostationary orbits to detect and locate aviators, mariners, and land-based users in distress. The satellites relay distress signals from emergency beacons to a network of ground stations and ultimately to the US Mission Control Center in Suitland, MD	What is SARSAT?
GOES satellites circle the Earth in this type of orbit, which means they orbit the equatorial plane of the Earth at a speed matching the Earth's rotation, allowing them to hover continuously over one position in space	What is geosynchronous?