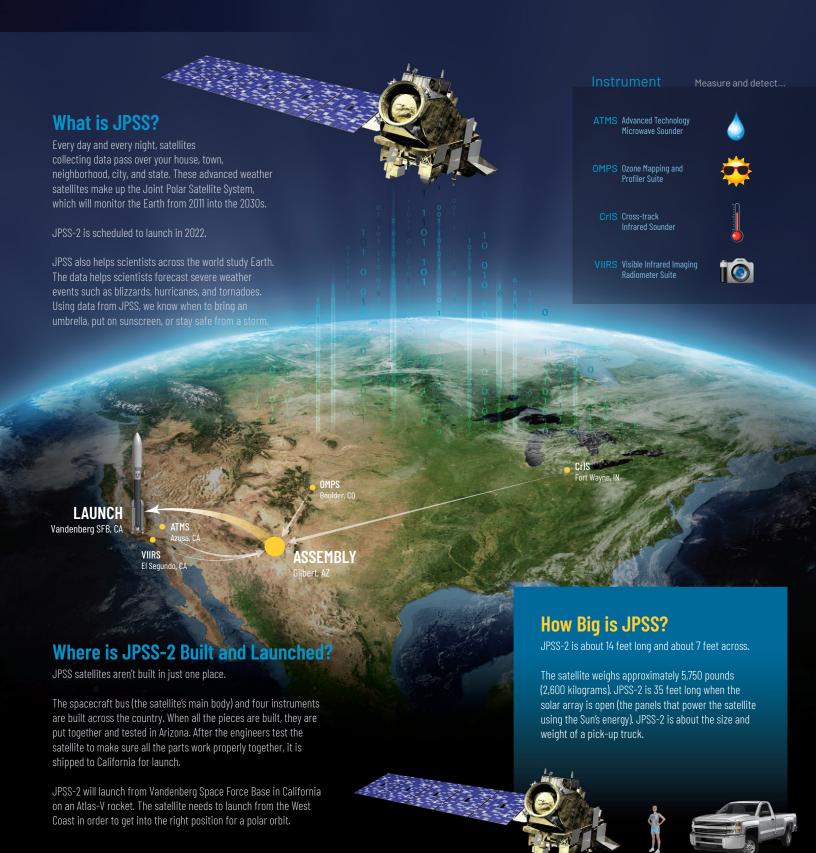


Data from JPSS are used by the National Weather Service to forecast weather 3 to 7 days in advance.





JPSS orbit Earth traveling over the North and South Poles 14 times the Earth spins underneath, allowing JPSS to observe the entire Earth twice per day, once in sunlight and once in the dark.

approximately 17,000 miles per hour. It takes JPSS approximately 7 minutes to travel from the southern tip of Florida to the northern tip of Maine, and about 90 minutes to travel all the way around the Earth.

JPSS collects data about the Earth by measuring

RADIO WAVES

INFRARED

VISIBLE ULTRAVIOLET



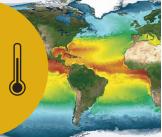


## What Does JPSS Do? **How Does JPSS Help Us?**

JPSS monitors the land, oceans and atmosphere 24 hours a day in order to collect important information about Earth and its weather, including:















## Thanks, JPSS!

While these satellites are crucial to our ability to predict the weather, they also do so much more to help us in our everyday lives.

Joint Polar Satellite System (JPSS)

JPSS is a collaborative program between the National Oceanic and Atmospheric Administration (NOAA) and its acquisition agent, National Aeronautics and Space Administration (NASA).











