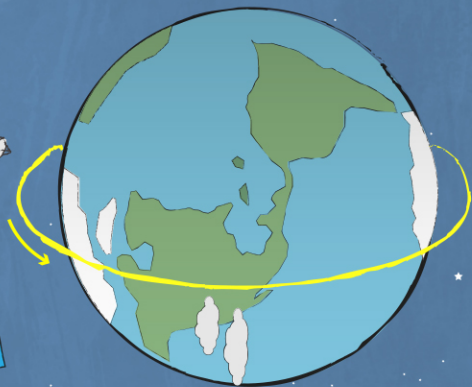




# MEET JPSS THE JOINT POLAR SATELLITE SYSTEM



Hi, I'm JPSS!

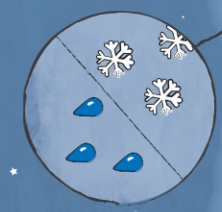
In a high-tech weather satellite that orbits our planet, I do something called a polar orbit. I circle the Earth from North Pole to South Pole, over and over, while the Earth spins.



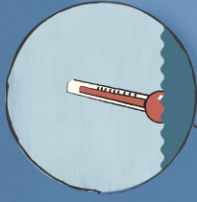
Most importantly, it helps us predict weather three to seven days in the future. That means I can be a big help ahead of storms, where future warnings are important.

So look to the sky and wave, I'll be flying by!

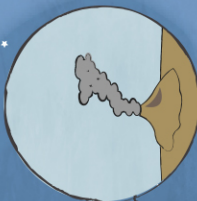
I send information to the National Weather Service, who use the information to create forecasts. The forecasts are shared with people all over the country to help prepare for weather emergencies.



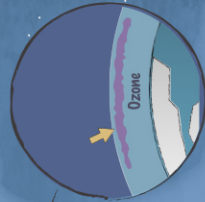
I watch storms, clouds, snow and rain.



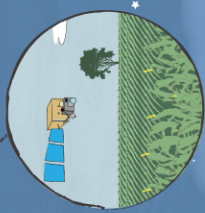
I take the temperature of the ocean...



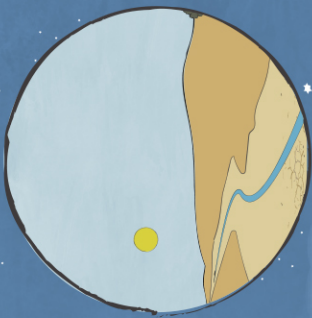
measure air quality...



ozone health...



...and take pictures of the land and sea.



The information also helps us monitor harmful weather events—like floods and droughts—and measure the health of the environment.



This information is used for all kinds of things. It helps us take care of our coasts and all the amazing things that live there.

