

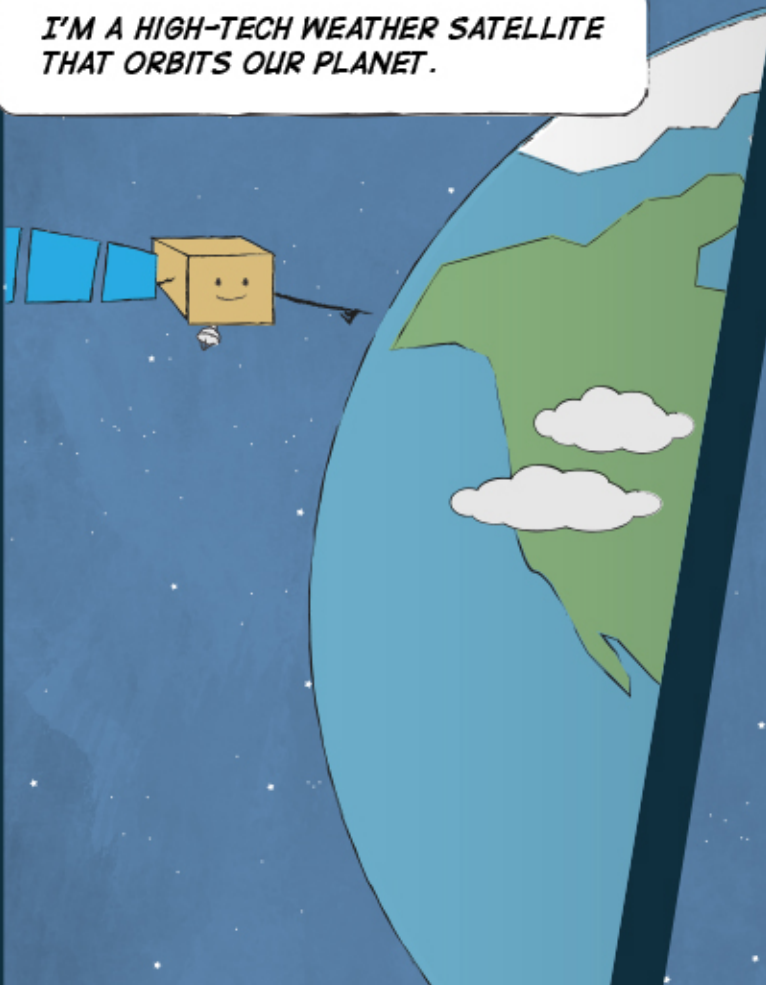
MEET JPSS

THE
JOINT POLAR SATELLITE SYSTEM

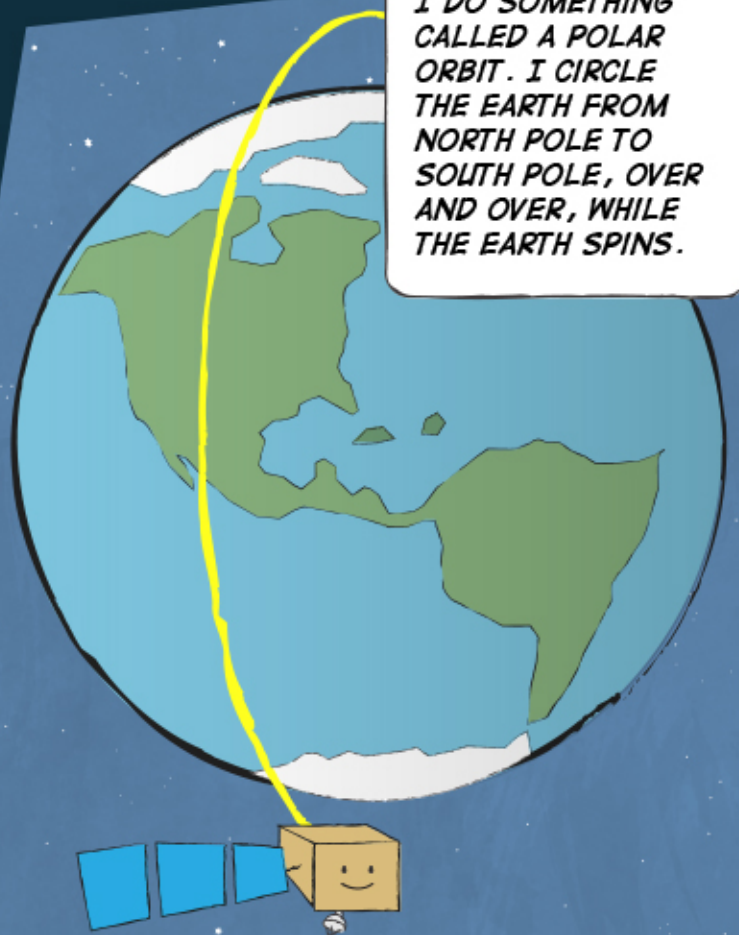
HI, I'M JPSS!



**I'M 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.**

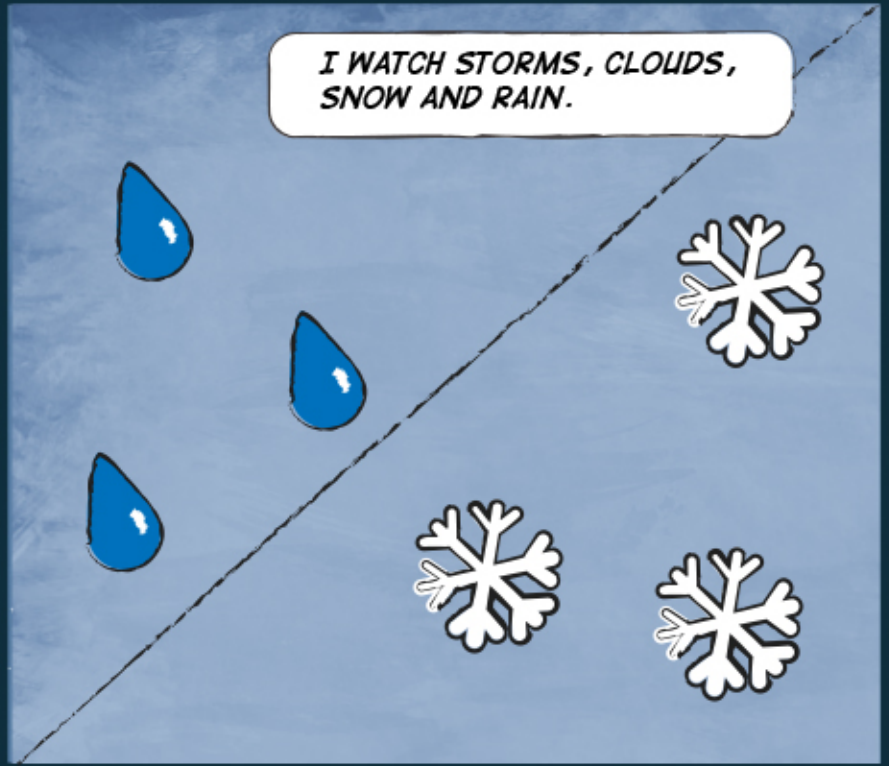


POLAR ORBIT

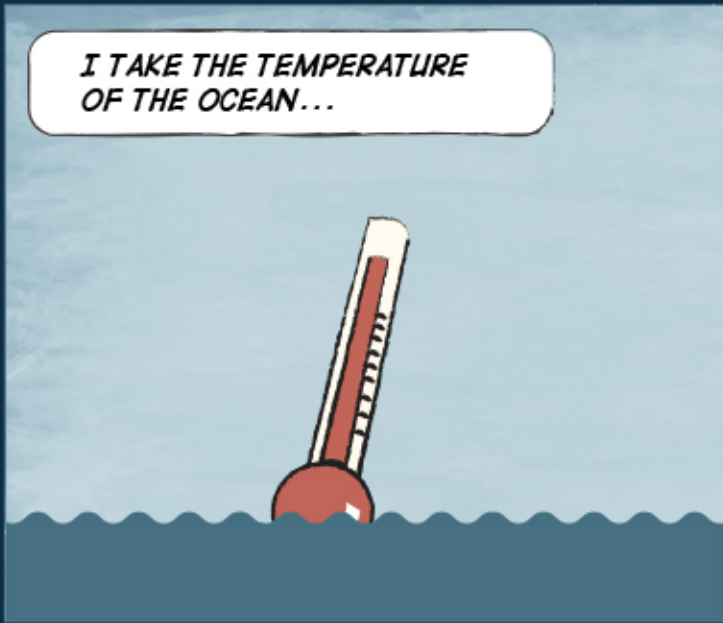
WHILE I DO THAT, I GET LOTS OF INFORMATION ABOUT WHAT'S GOING ON AROUND THE GLOBE.



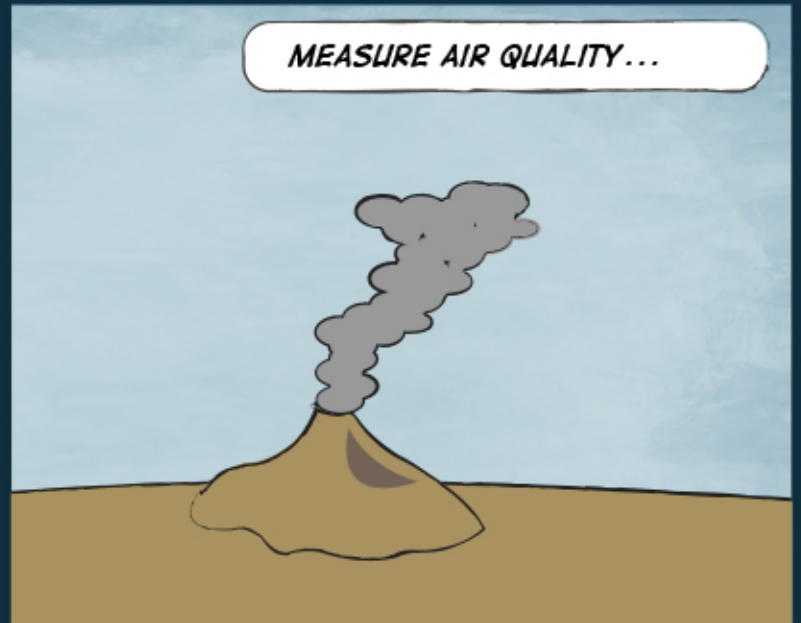
I WATCH STORMS, CLOUDS, SNOW AND RAIN.



I TAKE THE TEMPERATURE OF THE OCEAN...



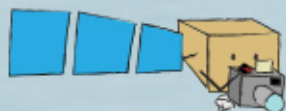
MEASURE AIR QUALITY...



OZONE HEALTH...



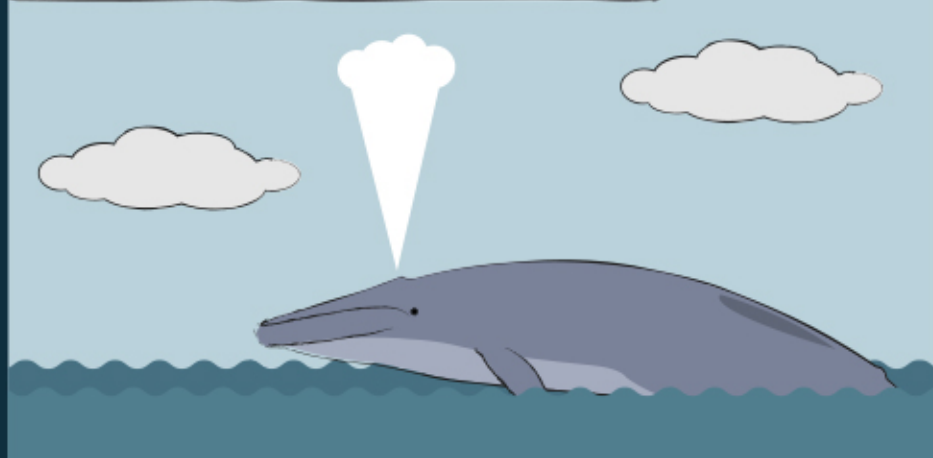
**...AND TAKE PICTURES
OF THE LAND AND SEA.**



**IT HELPS US TAKE CARE OF OUR COASTS
AND ALL THE AMAZING THINGS THAT LIVE
THERE.**



**THIS INFORMATION IS
USED FOR ALL KINDS
OF THINGS.**



**THE INFORMATION ALSO HELPS US MONITOR
HARMFUL WEATHER EVENTS—LIKE FLOODS AND
DROUGHTS—AND MEASURE THE HEALTH OF THE
ENVIRONMENT.**



**MOST IMPORTANTLY, IT HELPS
US PREDICT WEATHER THREE
TO SEVEN DAYS IN THE FUTURE.**

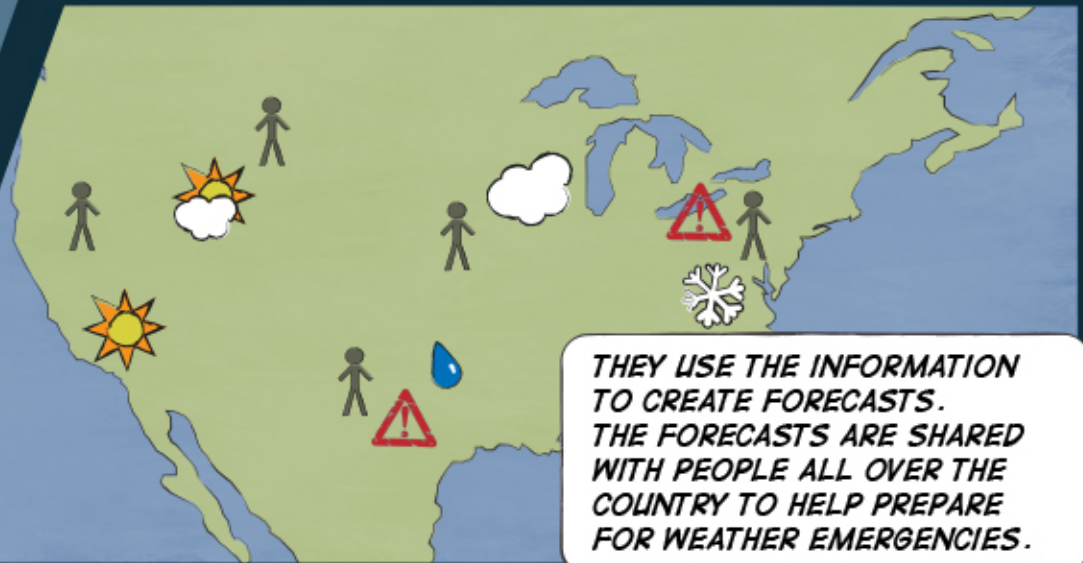


**I SEND INFORMATION
TO THE NATIONAL
WEATHER SERVICE.**

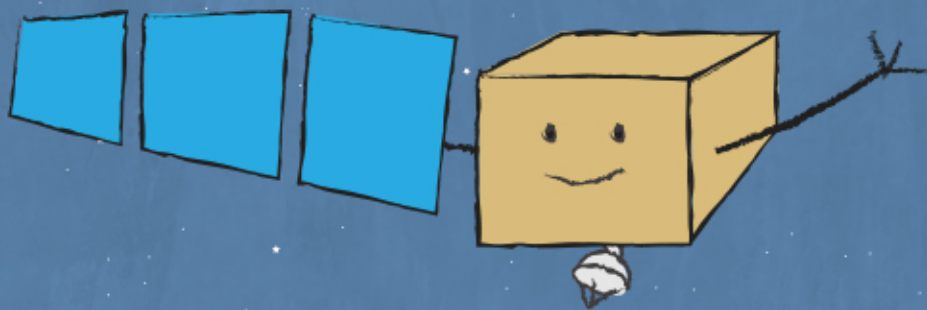
**NATIONAL WEATHER
SERVICE**



**THAT MEANS I CAN BE
A BIG HELP AHEAD
OF STORMS, WHERE
FUTURE WARNINGS
ARE IMPORTANT.**



**THEY USE THE INFORMATION
TO CREATE FORECASTS.
THE FORECASTS ARE SHARED
WITH PEOPLE ALL OVER THE
COUNTRY TO HELP PREPARE
FOR WEATHER EMERGENCIES.**



SO LOOK TO THE SKY AND WAVE. I'LL BE FLYING BY!




SEE THE VIDEO AT SCIJINKS.GOV/JPSS/


TO FIND WEATHER INFORMATION FOR STUDENTS, VISIT THE NOAA SCIJINKS WEBSITE AT SCIJINKS.GOV.


 *SCIJINKS FACEBOOK: FACEBOOK.COM/SCIJINKS*

 *SCIJINKS TWITTER: TWITTER.COM/SCIJINKS*

FOR MORE INFORMATION ABOUT JPSS, VISIT JPSS.NOAA.GOV.

 *NOAA SATELLITES FACEBOOK: FACEBOOK.COM/NOAANESDIS*

 *NOAA SATELLITES TWITTER: TWITTER.COM/NOAASATELLITES*

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