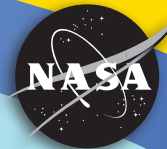


CUT LINE
National Aeronautics and Space Administration

WATER CYCLE



Evaporation
from Oceans,
Lakes & Streams

Condensation

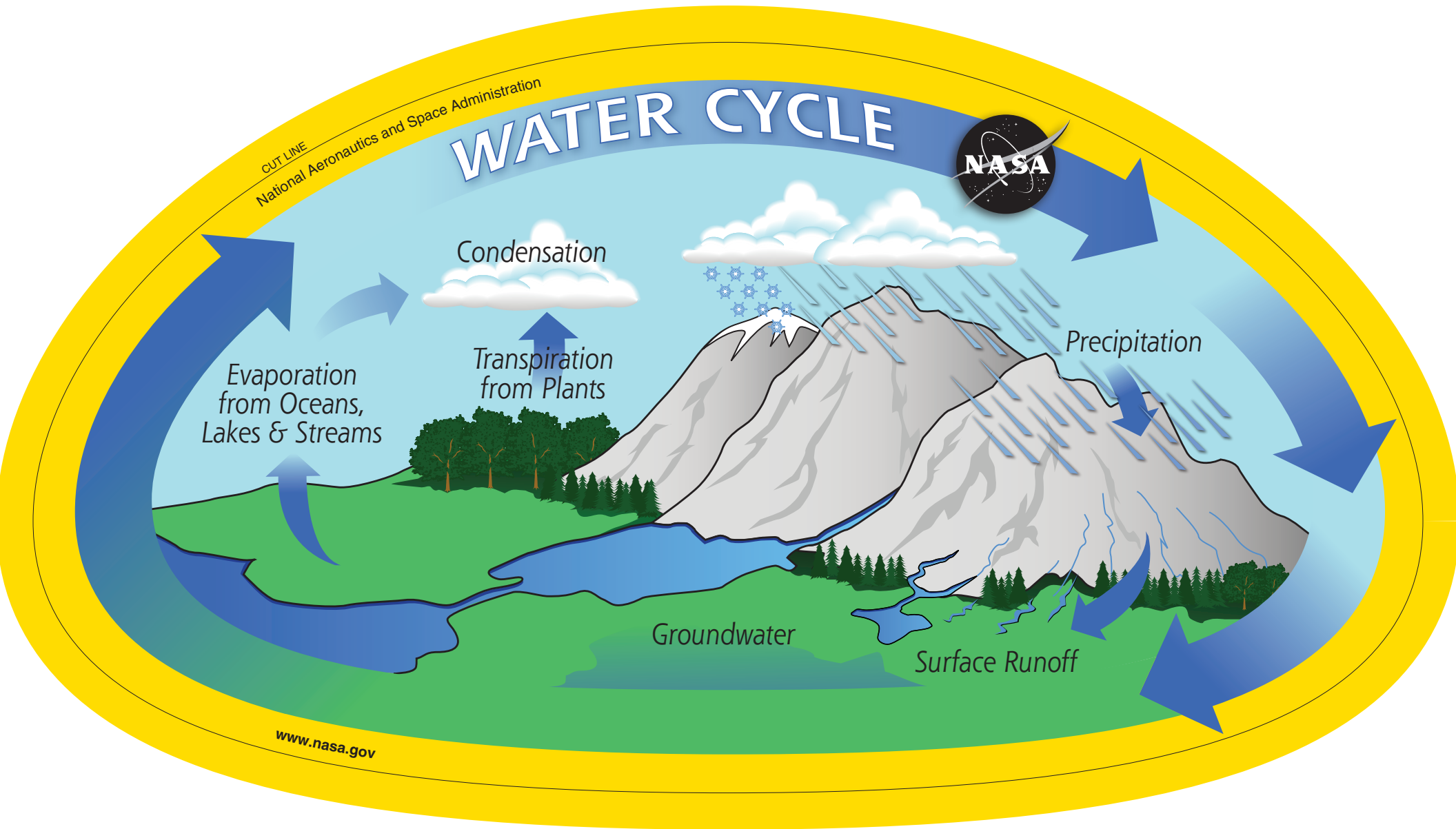
Transpiration
from Plants

Precipitation

Groundwater

Surface Runoff

www.nasa.gov



CUT LINE

The shape of this "droplet" is the actual shape of a rain drop as it falls through the air!

Global Precipitation Measurement (GPM) is an international satellite mission that will help advance our understanding of Earth's water and energy cycles, improve the forecasting of extreme events that cause natural disasters, and extend current precipitation measurement capabilities by using accurate and timely information of rain and snow. Since rainfall and snowfall vary greatly from place to place and over time, satellites can provide more uniform observations of rain and snow around the globe than ground instruments.

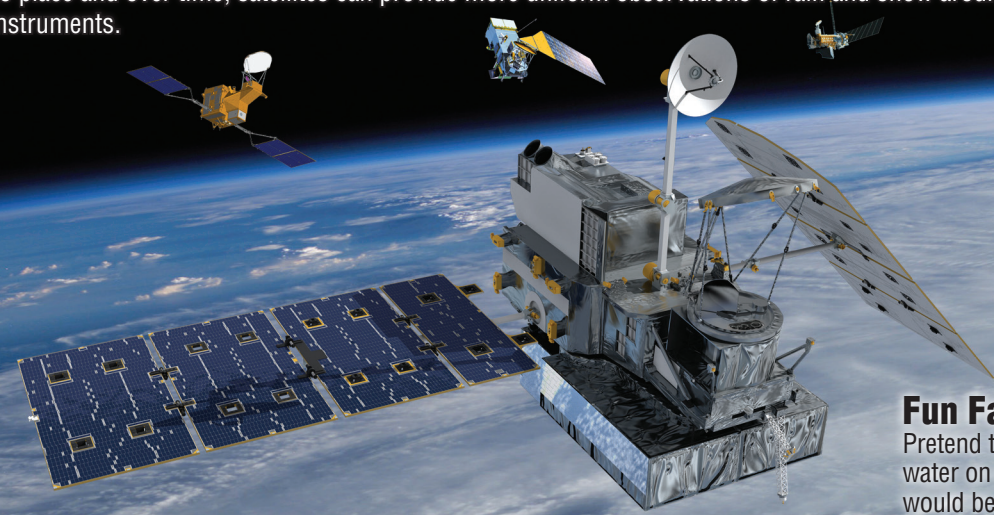
GPM contributes to:

- The Water Cycle
- Weather and Climate
- Technology and Instruments
- Societal Applications

Learn More:



visit us at: <http://pmm.nasa.gov/education>



Fun Fact!

Pretend that this handout contains all the water on Earth, then all the fresh water would be the size of this blue raindrop, and all the useable fresh water would be the tiny yellow dot within!



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