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Activities

Global Satellite Maps

Name: _____ Date: _____

Scientists piece together data from specialized satellites to visualize the whole planet. In this Planet Diary activity, you'll view spectacular examples of global satellite maps.

Directions

- Start at NASA Earth Observatory's Global Maps. Explore the links to each of the maps:
  - Aerosol Optical Depth
  - Chlorophyll
  - Cloud Fraction
  - Land Surface Temperature
  - Net Radiation
  - Sea Surface Temperature
  - Snow Cover
  - Total Rainfall
  - Vegetation
- Click the Play arrow on each map for an animated timeline. Look at the key, then observe how the map colors change over time. Read the description with each map. Use the information to complete the Workspace table.

Workspace

Map	What Type of Data is Shown?	Why Is the Data Important?
Aerosol Optical Depth		
Chlorophyll		
Cloud Fraction		
Land Surface Temperature		
Net Radiation		
Sea Surface Temperature		
Snow Cover		
Total Rainfall		
Vegetation		

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