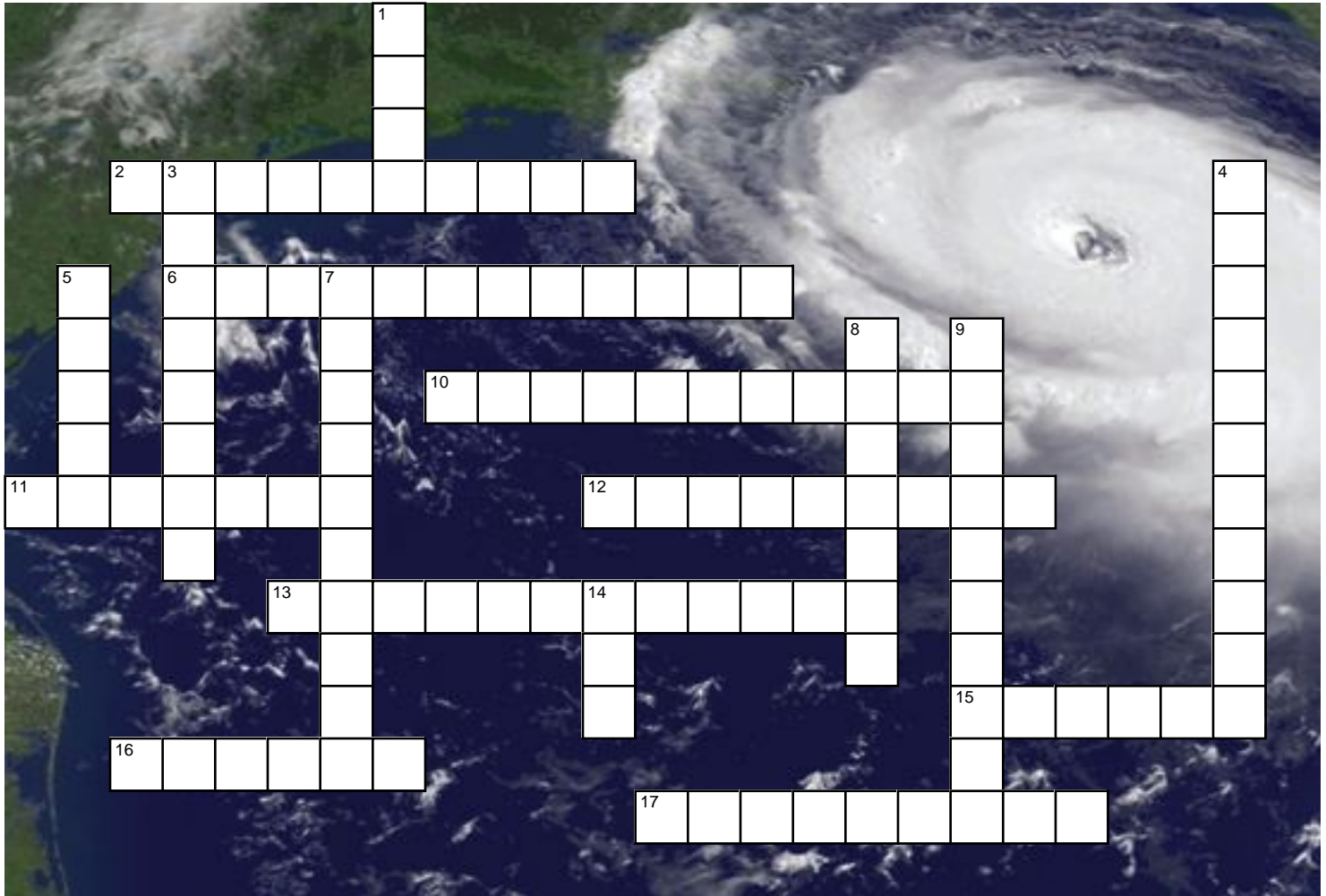


11.1 Heat Affects the Air Around Us



Across

- _____ orbit Earth in the exosphere.
- This is the layer of the atmosphere that extends from 20 to 50 km in altitude.
- The atmosphere has several layers. Humans live in the _____.
- Most _____ from space burn up in the mesosphere, leaving fiery trails called "shooting stars."
- The atmosphere includes a mixture of dirt, dust and other substances, including some that human activities release into the air as _____.
- This is the layer of the atmosphere that extends from 85 to 690 km in altitude.
- Although it is an average sized star, our Sun is the source of a huge amount of _____.
- One of the gases in air, _____, is the gas that animals (including you) require to live.
- This is the outermost layer of the atmosphere.

Down

- The word troposphere comes from tropo (turning, changing) and sphere (_____-shaped).
- 46% of the Sun's energy is _____ by Earth's water and land surfaces.
- _____: This word comes from a Greek word meaning the discussion of things that happen in the sky.
- The _____ layer in the stratosphere protects us from ultraviolet (UV) radiation.
- Earth's _____ is the blanket of gases and other particles that surrounds the planet.
- Heat is an important part of the environment and it can affect _____ events such as the hurricane in this background photograph.
- This is the layer of the atmosphere that extends from 50 to 85 km in altitude.
- The _____ controls natural systems on Earth including the water cycle and the weather.